SITE MANAGEMENT PERIODIC REVIEW REPORT & IC/EC CERTIFICATION SUBMITTAL

NYSDEC Site Number 3-36-037

PREPARED FOR
Ralliant

DATE
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NYSDEC Site Number 3-36-037

0805745

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ACRONYMS AND ABBREVIATIONS

Acronym	Description
AGVs	Air Guidance Values
CVOCs	Chlorinated volatile organic compounds
Culligan	Culligan Water Company of Newburgh, NY
1,2-DCE	1,2-dichloroethylene
DER	Division of Environmental Remedial
EC	Engineering Controls
ERM	ERM Consulting & Engineering, Inc.
Fortive	Fortive Corporation
IC	Institutional Controls
Macbeth-Kollmorgen	Macbeth Division of Kollmorgen-Instruments Corporation
MCL	Maximum Contaminant Level
µg/m3	Micrograms per cubic meter
µg/L	Micrograms per liter
MNA	Monitored natural attenuation
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSGQS	New York State Groundwater Quality Standards
O&M	Operation and maintenance
PRR	Periodic Review Report
RL	Reporting Limit
SM	Site Management
SMP	Site Management Plan
SVI	Soil vapor intrusion
PCE	tetrachloroethene
1,1,1-TCA	1,1,1-trichoroethane
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
UV	Ultraviolet

Acronym	Description
VOCs	Volatile organic compounds

1. BACKGROUND

This Site Management (SM) Periodic Review Report (PRR) has been prepared by ERM Consulting & Engineering, Inc. (ERM) on behalf of Ralliant Corporation (Ralliant) for the former Macbeth Division of Kollmorgen-Instruments Corporation (Macbeth Kollmorgen) property located at 617 Little Britain Road, New Windsor, New York. Management of residual chlorinated volatile organic compounds (CVOCs) in soil vapor and groundwater at the site is governed by the May 2011 Site Management Plan (SMP). This PRR summarizes and documents the implementation of, and compliance with, site-specific requirements set forth in the SMP for the reporting period of 30 November 2022 to 30 November 2025. This PRR has been prepared to provide the information required in Section 6.3(b) of Division of Environmental Remedial (DER)-10 Technical Guidance for Site Investigation and Remediation.

CVOCs were detected in soil and groundwater at the site, originating from two paint waste areas. CVOCs are present in groundwater on-site and monitored natural attenuation (MNA) was selected as the remedy. In accordance with the SMP, groundwater monitoring well MW-12 is sampled annually to monitor MNA progress. Soil vapor sampling is no longer conducted. New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) approved no further vapor intrusion (VI) monitoring in a letter dated 18 August 2020.

In response to comments from NYSDEC regarding persistence of CVOCs in groundwater at MW-12, additional site characterization work was performed in 2024 and 2025 to evaluate the feasibility of additional remediation and the potential for off-site migration.

2. SITE OVERVIEW

2.1 SITE LOCATION AND DESCRIPTION AND NATURE AND EXTENT OF CONTAMINATION

The former Macbeth Kollmorgen property is located at 617 Little Britain Road, New Windsor, Orange County, New York 12553 (the Site). The site is identified as Block 1 and Lots 19, 34.1, 36, and 37.1 on the Town of New Windsor Tax Map. The site is an approximately 25-acre area bounded by Little Britain Road to the north and residential properties to the south, east, and west (Figure 1). The site is approximately 2.5 miles west of the Hudson River and within 0.5 miles east of the Lake Washington Reservoir and Lockwood Basin. Two buildings surrounded by paved parking areas and driveways occupy the site. The main building is approximately 62,500 square feet and the second building is approximately 14,000 square feet

2.2 CHRONOLOGY OF THE REMEDIAL PROGRAM FOR THE SITE

Macbeth Kollmorgen operated at the facility from the 1950s to the 1990s. The main building contained light manufacturing areas utilized for the manufacturing of software and instrumentation related to the control and evaluation of color systems. During the mid-1970s, wastes, off-spec paint, and chlorinated solvents were reportedly disposed near the side door of the main building (hazardous waste storage shed) and in a 40 by 45-foot area adjacent to the southeast corner of Building No. 1 (area of former waste disposal). The remedial investigation conducted at the site between 1986 and 1995 identified these two areas as depressions containing paint solids and debris. These areas were remediated via excavation and off-site disposal of paint waste and soil in January and March 1989. In November and December 1994, eight (8) test pits were excavated and remediation of impacted soil was subsequently conducted in December 1994 at test pit locations TP-1 and TP-2 (Figure 2). Approximately 45 cubic yards of material from these two test pits were excavated and disposed off-site.

Groundwater has been monitored at the site since 1986. Chlorinated compounds were detected in the on-site monitoring wells and one monitoring well, MW-12, is sampled annually to monitor the groundwater contamination in the deep bedrock. MNA was selected as the remedy for impacted groundwater at the site. The locations of the monitoring wells are shown on Figure 3.

NYSDOH found CVOCs in the groundwater extracted from residential wells in 1990 and 1991. A granular activated carbon-based point of entry treatment system with UV disinfection was installed at the residence located at 14 Steele Road (the address was previously 7 Steele Road and has changed). In April 2018 the residence was connected to the public water supply therefore ceasing the need for quarterly well sampling at the location.

Additionally, a soil vapor investigation was initiated in 2006 at the site and annual sub-slab soil vapor and indoor air monitoring was conducted until January 2020. After reviewing the 2020 Annual VI Monitoring Report for Building No. 1, NYSDEC and NYSDOH approved the recommendation to cease VI monitoring on 18 August 2020.

3. EVALUATE REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

3.1 GROUNDWATER MONITORED NATURAL ATTENUATION

The following summarizes the status of groundwater monitored natural attenuation for the site:

- As described in Section 5.3.1, trichloroethene (TCE) and total 1,2-dichloroethylene (1,2-DCE) are present at concentrations in groundwater from monitoring well MW-12 that exceed the New York State Groundwater Quality Standards (NYSGQS). TCE concentrations range from 51.5 to 95.4 micrograms per liter (µg/L) and total 1,2-DCE concentrations range from 170.6 to 241.5 µg/L during the December 2023 through November 2025 reporting period.d. These concentrations exceed the NYSGQS of 5 µg/L (Appendix A-Table 1).
- Appendix A-Figure 1 shows the overall trend of targeted CVOCs since monitoring started. This graph shows residual concentrations of CVOCs at MW-12 have become asymptotic over an extended period.

4. IC/EC PLAN COMPLIANCE REPORT

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

The institutional controls (IC) and engineering controls (EC), objectives, and evaluation methods for the site are listed in Table 4-1. Table 4-1 also provides a summary of the status of the goal and effectiveness of the control.

No deficiencies in the IC/ECs were noted during the monitoring period and any minor excursions are discussed in Section 5.4. Based on the effectiveness of the methods used to monitor compliance with IC/EC requirements (discussed in Table 4-1), no corrective measures are needed or proposed.

4.2 IC/EC CERTIFICATION

The IC/EC certification form has been completed and certified as required. A copy of the form is included in Appendix C.

TABLE 4-1: IC/EC PLAN REQUIREMENTS PER SITE MANAGEMENT PLAN

Institutional or Engineering Control (IC or EC)	Objective	Evaluation Method	Status of Goal/Effectiveness
Compliance with the Deed Restriction by the Grantor, Grantor's Successors, and Assigns with the SMP	Limit use and site development, prevent future exposure	Property use remains commercial/industrial	Completed. Effective.
Operate and Maintain ECs per SMP	Implement, maintain, and monitor ECs	No Longer Required.	Completed until potable water treatment system removal on April 2018. No longer required.
Inspect and Certify ECs on Controlled Property per SMP	Implement, maintain, and monitor ECs	No Longer Required.	Completed until potable water treatment system removal on April 2018. Effective. Certification form included in Appendix B.
On-site Groundwater Monitoring per SMP	Implement, maintain, and monitor ECs	Annual sampling	Completed. NYSDEC reduced monitoring frequency from quarterly to annually in a letter dated 24 February 2020. On-site groundwater effectively monitored.
Soil Vapor Monitoring per SMP	Implement, maintain, and monitor ECs	No Longer Required.	NYSDEC/DOH issued NFA for soil vapor in August 2020

Institutional or Engineering Control (IC or EC)	Objective	Evaluation Method	Status of Goal/Effectiveness
Potable Well Monitoring at 14 Steele Road per SMP	Implement, maintain, and monitor ECs	No Longer Required.	Connected to public water supply in April 2018. No longer required.
Report Data pertinent to SMP	Monitor ECs	Annual Reports to NYSDEC and NYSDOH	Completed. Annual reporting of groundwater sampling results. Effective.
Inspection, Protection, and Replacement of On-Site Monitoring Points	Implement, maintain and monitor ECs	Annual inspection of monitoring points.	Completed. Effective.
Vegetable gardens, farming, cattle & dairy farming are prohibited at the property.	Prevent future exposure	Annual site observation during well gauging.	Completed. Effective.
Groundwater use (without treatment rendering it safe for its intended use) is prohibited	Prevent future exposure	Property is connected to public water	Completed. Prohibited by deed restriction. Property is connected to public water source. Effective.
Future activities that may disturb contaminated material is prohibited unless it follows the SMP	Prevent future exposure	Annual site observation during well gauging	Completed. Effective.
Property use restricted to commercial or industrial use as long as EC/IC in SMP are followed	Limit use and development	Annual site observation during well gauging	Completed. Effective.
Property may not be used for a less restricted use without additional remediation and amendment of deed restriction by NYSDEC Commissioner	Limit use and development	Annual site observation during well gauging	Completed. Effective.
Macbeth Kollmorgen Corp. written certification statement	Implement, maintain, and monitor IC/EC	Written certification	Completed. Effective. Certification form included in Appendix B.

5. MONITORING PLAN COMPLIANCE REPORT

5.1 COMPONENTS OF THE MONITORING PLAN

The components of the monitoring plan are listed in Table 5-1.

TABLE 5-1: MONITORING PLAN COMPONENTS

Monitoring Program	Location	Frequency	Matrix	Analysis/O&M Activity
Groundwater	MW-12	Annually	Groundwater	USEPA SW-846 Method 8260
Monitoring Well Gauging	14 Monitoring Wells located throughout the Site	Annually	Groundwater Level	Gauging and Well Inspection

5.2 SUMMARY OF MONITORING COMPLETED DURING REPORTING PERIOD

A summary of the monitoring completed during the reporting period is listed in Table 5-2.

TABLE 5-2: SUMMARY OF MONITORING COMPLETED DURING 30 NOVEMBER 2022 TO 30 NOVEMBER 2025 REPORTING PERIOD

Monitoring Program Completed Tasks	Location	Frequency	Date Task Completed	Date Report Submitted
Groundwater	MW-12	Annually	14 December 2023 8 January 2025 15 January 2025	6 June 2024 3 March 2025 3 March 2025
Monitoring Well Gauging	Monitoring Well Network	Annually	14 December 2023 8 January 2025 *	6 June 2024 3 March 2025
Pump/Recovery Test	MW-12	Single Event	8 January 2025 to 15 May 2025	NA

*A groundwater gauging event was not conducted during the sampling event on 15 January 2025.

5.3 COMPARISONS WITH REMEDIAL OBJECTIVES

The following sections compare the data collected during this monitoring period against the applicable standards.

5.3.1 GROUNDWATER

Groundwater elevations at the site are gauged annually, however a round of gauging was not conducted during the 15 January 2025 sampling event. A pump/recovery test was being conducted on MW-12 and the results of the gauging event were unlikely to be representative of

static water level conditions. The results of annual inspection of the monitoring well network on-site and the tabulated groundwater elevations are presented in Appendix C-Table 1. Groundwater contour maps for the intermediate water-bearing zone for 2023 and 2024 are presented in Appendix C-Figures 2 and 5. Groundwater contours could not be drawn for the shallow and deep water-bearing zones due to some monitoring wells being inaccessible and some shallow monitoring wells being dry. Figures showing available groundwater elevations in the shallow and deep water-bearing zones are presented in Appendix C-Figures 1, 3, 4 and 6. Groundwater flow at the site remained consistent in the East/Northeast direction for the intermediate water bearing zone in the current reporting period, similar to previous reporting periods.

It appears that monitoring wells MW-3 and MW-8 were damaged/destroyed during building construction. MW-16R has been damaged. ERM proposes not to replace MW-3 and MW-8 or attempt to repair MW-16R as they are no longer needed to monitor groundwater conditions around MW-12.

Groundwater at MW-12 has been sampled annually to evaluate MNA progress at the site. Based upon NYSDEC's review of the 2022 PRR, NYSDEC and NYSDOH concluded that the stability of TCE concentrations at monitoring well MW-12 demonstrate that MNA was no longer effective to meet remedial goals. In response to the NYSDEC remedial requirements, ERM submitted a Supplemental Remedial Investigation Workplan which was approved by NYSDEC on 21 November 2023.

On 14 December 2023, ERM conducted the Supplemental Remedial Investigation (SRI) to address NYSDEC's concern. ERM collected a groundwater sample from monitoring well MW-12 via low-flow purging procedures. Samples were sent to SGS Laboratory in Dayton, New Jersey for analysis of alkalinity, dissolved gases, chloride, hydrogen sulfide and VOCs. A microbial analysis was also conducted for MW-12 groundwater, using Microbial Insights Laboratory to conduct a QuantArray®-Chlor test. A Hach Colorimeter DR8/90 Field Test Kit was used at MW-12 to analyze the field parameters of ferrous iron, ferric iron (total iron), nitrate, nitrite, sulfate, and sulfide. As groundwater was being monitored for stabilization during low flow purging, periodic samples were also collected and analyzed using a Horiba U52-2 Water Quality Meter to record dissolved oxygen (DO), oxidation-reduction potential (ORP), conductivity, turbidity, temperature, and pH.

Groundwater concentrations of hydrogen sulfide, DO, ferrous iron, total iron, nitrate, and nitrite were within acceptable ranges for reductive dechlorination groundwater conditions. The ORP values and concentrations of sulfate and dissolved gases suggest that reductive dechlorination under present conditions were limited. The elevated level of sulfate may lead to sulfate reduction and pose as an inhibitor to the reductive dechlorination process. In addition, the microbial population of Dehalococcoides spp. at MW-12 was not high enough for biological reductive dechlorination to proceed at generally useful rates.

Prior to making additional remedial decisions, ERM conducted a slug test at MW-12 to better understand hydraulic conductivity. Slug tests were performed on MW-12 on 3 October 2024 using a 6" diameter, ~1.5' long slug. Three falling head tests and three rising head tests were performed. Water did not appear to enter or exit the well by any appreciable amount during the

tests. These results indicated a very low hydraulic conductivity and limited hydraulic connection between monitoring well at MW-12 and the surrounding aquifer.

On 8 January 2025, ERM sampled MW-12 in accordance with the SMP. After sampling, ERM conducted a bail-down test on MW-12 to confirm the limited hydraulic connection with the aquifer.

The water column of MW-12 was completely purged. A total of 192 gallons were purged and stored in 55-gallon drums for disposal. A datalogging transducer was deployed to monitor the recharge rate of water within MW-12.

The following week, ERM remobilized, and MW-12 was sampled again via a poly weighted bailer. A comparison of the depth to water readings collected prior to purging the well on 8 January 20025 and prior to sampling on 15 January 2025 indicated the well recharged around five feet over a one-week period, representing 11% of the original water column.

The water level within MW-12 fully recovered in mid-May 2025, four months after the start of the bail-down test. The recovery curve was analyzed using the Bouwer and Rice method, and the hydraulic conductivity was estimated at 0.0001475 ft/day (5.2 E-10 m/s). Based on the estimated hydraulic conductivity, a measured hydraulic gradient of 0.003 ft/ft and an assumed porosity of between 0.1 and 0.001, the groundwater velocity in the vicinity of monitoring well MW-12 was estimated to be in the range of 0.002 ft/year to 0.1 ft/year. These results demonstrate a very low likelihood of offsite migrations of CVOCs in groundwater from the area near monitoring well MW-12.

Analytical results for the December 2023 through 8 January 2025 sampling results indicate that TCE, 1,2-DCE and vinyl chloride were detected at concentrations above the NYSGQS. These concentrations are consistent with historic concentrations. After purging on 8 January 2025, the 15 January 2025 results decreased but are still within the same order of magnitude as the pre-purge results.

ERM presented these results along with a discussion on the conceptual site model and lack of feasible remediation technologies to NYSDEC and NYSDOH in a meeting held on 28 July 2025.

Analytical Data Reports for the reporting period are provided in electronic format in Appendix D. NYS EQuIS electronic data deliverables for ERM collected data were submitted to the NYSDEC and submittal emails are provided in Appendix E.

5.4 MONITORING VARIATIONS

Table 5-4 lists the excursions from the monitoring plan for the site. None of these monitoring excursions affected the collection of groundwater samples at MW-12.

TABLE 5-4: MONITORING EXCURSIONS

Date	Monitoring Excursion	Remedy and Date
December 2023	MW-3 and MW-8 were not able to be located due to building expansion in the area of these wells. MW-16R appears to be	Efforts will be made to repair MW-16R. MW-3 and MW-8 will not be replaced.

Date	Monitoring Excursion	Remedy and Date
	damaged and the stickup casing was removed.	
January 2025	MW-3 and MW-8 were not able to be located due to a change in landscaping at the site. MW-16R appears to be damaged and the stickup casing was removed.	Efforts will be made to repair MW-16R. MW-3 and MW-8 will not be replaced.

5.5 CONCLUSIONS AND RECOMMENDATIONS FOR CHANGES

Long-term monitoring at MW-12 indicates that Monitored Natural Attenuation (MNA) is no longer achieving remedial objectives. Concentrations of TCE and its degradation products remain above NYSGQS and have shown little variability over multiple sampling events. Supplemental investigations confirmed extremely low hydraulic conductivity (0.0001475 ft/day), resulting in negligible groundwater movement and limiting the effectiveness of hydraulic-based remediation technologies. While geochemical conditions are generally favorable for reductive dechlorination, elevated sulfate concentrations and insufficient Dehalococcoides spp. populations restrict biological degradation and the addition of remedial amendments would be ineffective due to the low hydraulic conductivity. These findings suggest that continued frequent sampling provides limited additional benefit for site management.

ERM recommends that groundwater sampling and gauging frequency at MW-12 be reduced from annual to triannual. This adjustment reflects the low hydraulic conductivity, the low likelihood of off-site migration and stable contaminant concentrations, while maintaining sufficient data collection to evaluate long-term trends and meet regulatory oversight requirements.

6. PRR CONCLUSIONS AND RECOMMENDATIONS

6.1 COMPLIANCE WITH SMP

Compliance with institutional controls and engineering controls has been documented during the monitoring period and included in this report. Site use is commercial/industrial, and no gardening or farming is allowed at the site. Groundwater is not used at the site.

ERM proposes not replacing damaged/destroyed monitoring wells MW-3 and MW-8 and repair MW-16R, if reparations are possible, in the next reporting period.

During the 30 November 2022 through 30 November 2025 monitoring period, each requirement of the SMP was met.

6.2 PERFORMANCE AND EFFECTIVENESS OF THE REMEDY

Based on evaluation of the data gathered during this monitoring period, each component is effective.

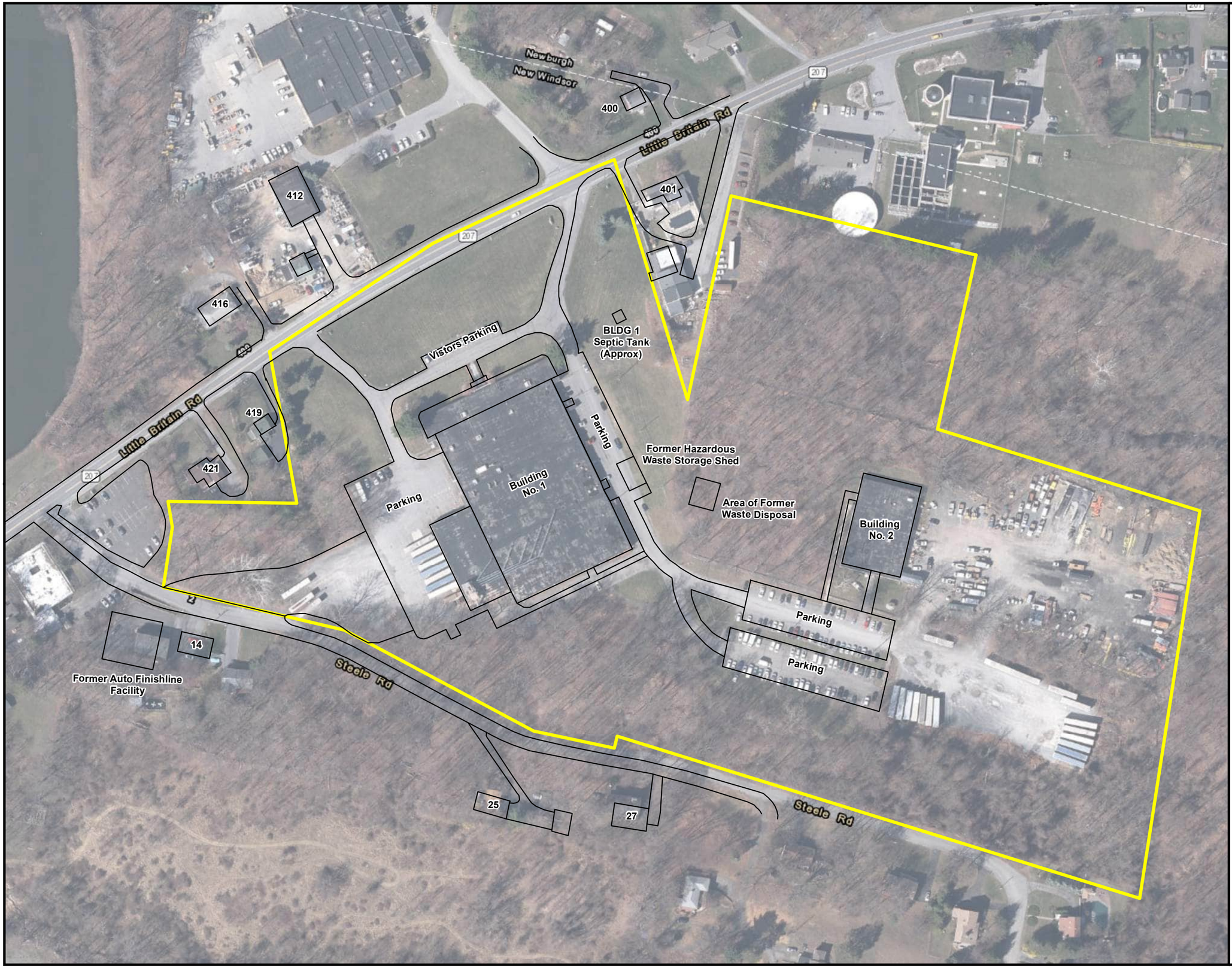
6.2.1 GROUNDWATER MONITORED NATURAL ATTENUATION

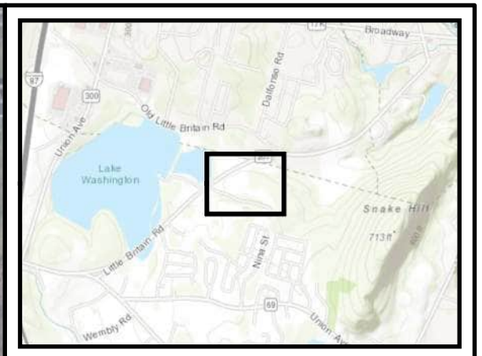
Based on the data collected from MW-12 on an annual basis, concentrations of CVOCs are consistent with the concentrations of CVOCs previously observed at this location and have become asymptotic. ERM recommends a reduction in sampling and gauging frequency from annual to triannual.

6.3 FUTURE PRR SUBMITTALS

Based on the data presented herein, concentrations of CVOC are stable at the site. According to the current schedule of reporting for the site, the next report would be submitted in December 2028.

FIGURES





Legend

Approximate Property Boundary

NOTES:

1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS 10.7
2. Site layout provided by H2M Engineer

N

0 75 150 300 Feet

Figure 1
Site Layout Map
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037
617 Little Britain Road
New Windsor, New York
November 2022

ERM

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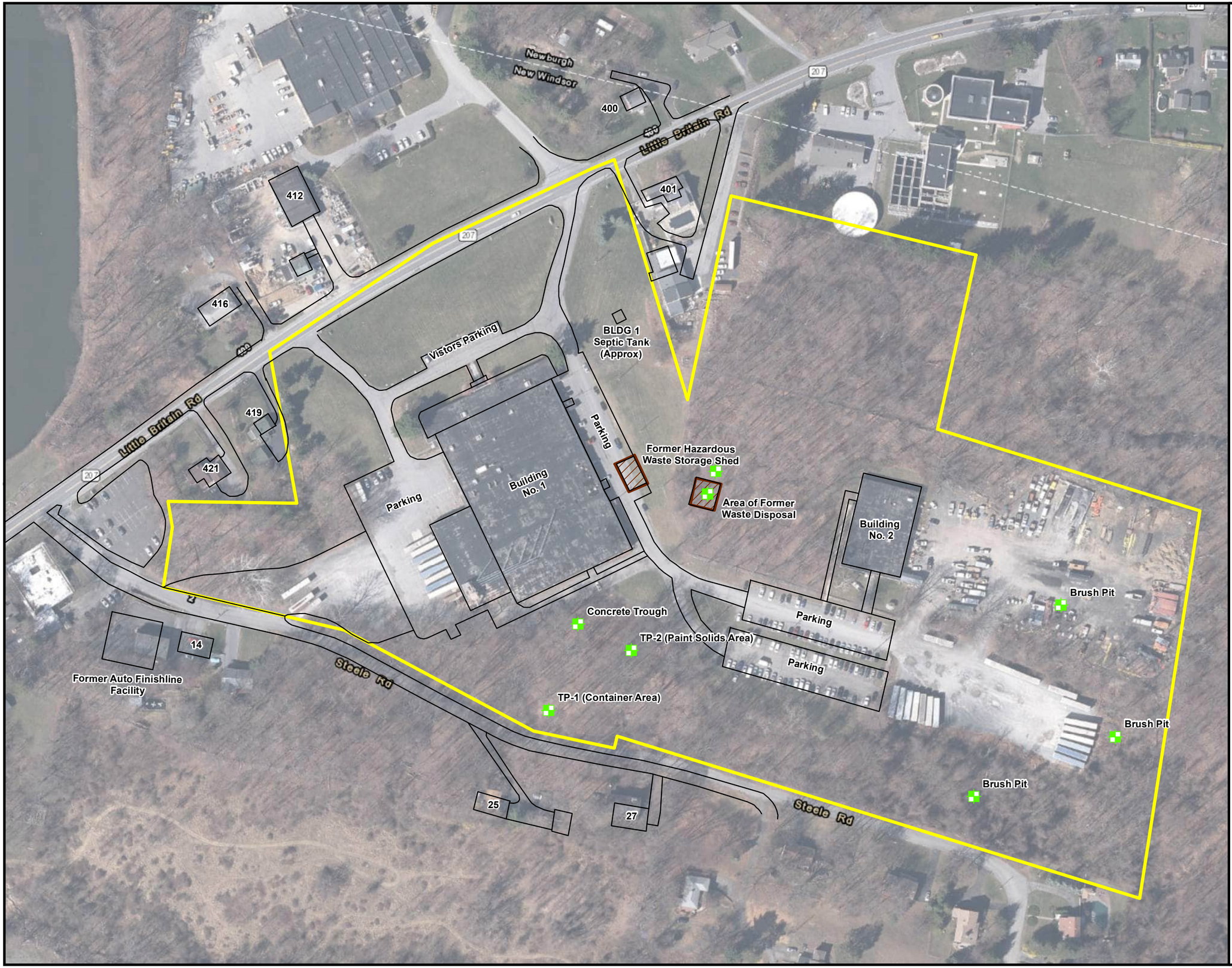

Legend

- Test Pit Locations
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

NOTES:

1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS 10.7
2. Site layout provided by H2M Engineer

N

0 75 150 300 Feet

Figure 2
Paint Source Areas Map
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037
617 Little Britain Road
New Windsor, New York
November 2022

ERM

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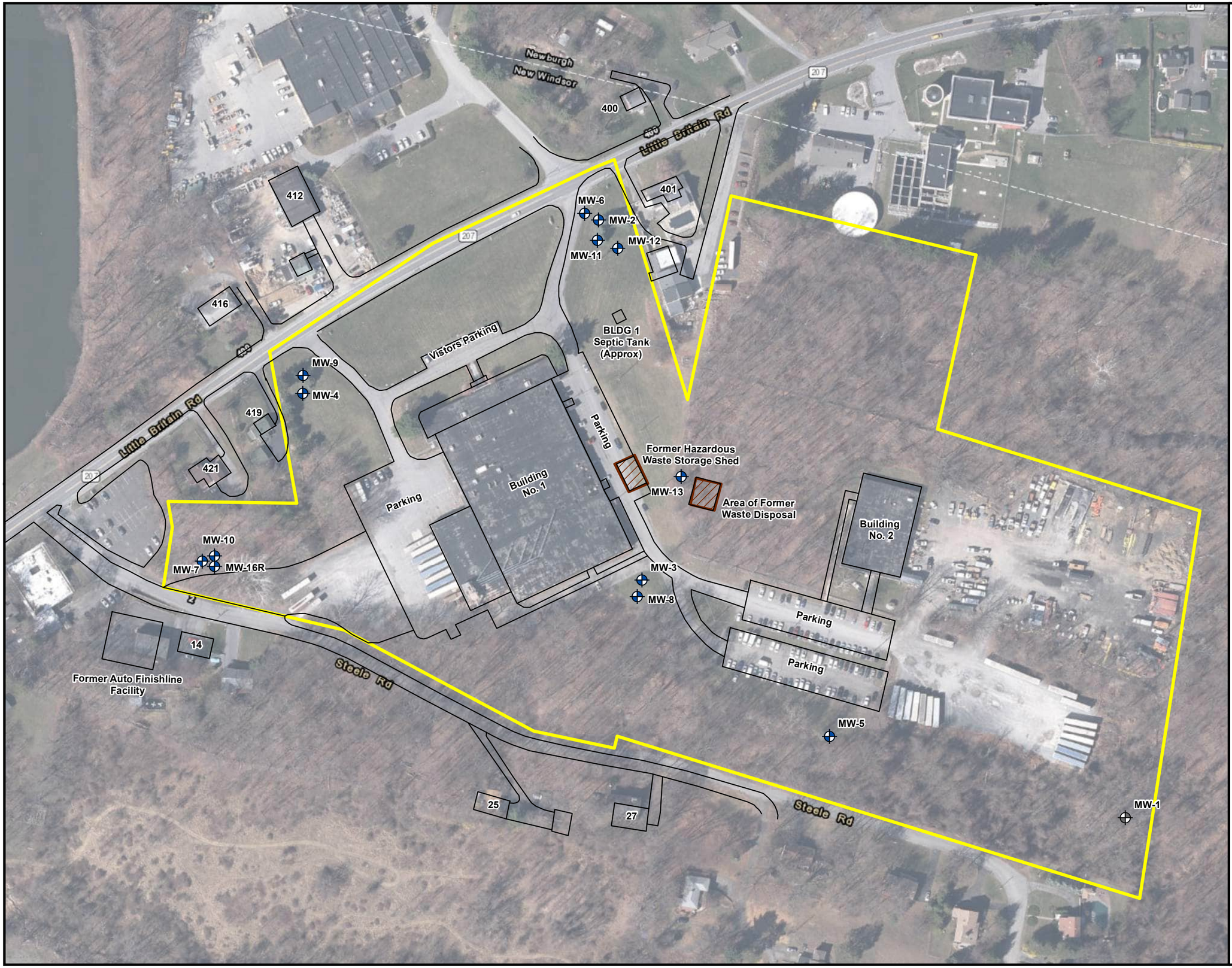

Legend

- Monitoring Well Location
- Abandoned Monitoring Well Location
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

NOTES:

1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS 10.7
2. Site layout provided by H2M Engineer

N

0 75 150 300 Feet

Figure 3
Monitoring Well Network Map
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037
617 Little Britain Road
New Windsor, New York
November 2022

ERM

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APPENDIX A GROUNDWATER QUALITY MONITORING DATA TABLES AND GRAPHS

Appendix A - Table 1
History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	Historic MW-12 Data													
Analyte	Standard (a)	1/1/95	4/1/95	10/1/96	4/1/97	7/1/97	10/9/97	1/15/98	7/1/98	1/9/99	10/18/01	1/15/02	4/4/02	7/11/02	10/15/02
1,1,1-Trichloroethane	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	5	< 10	< 10	2 J	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Chloroethane	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Trichloroethene	5	***72***	***80***	***370***	***25***	***64***	***42***	***35***	***33***	***76***	***17***	***24***	***6***	***17***	***25***
Tetrachloroethene	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<1	0.6	<0.5	<0.5	<0.5
1,2-Dichloroethene (total)	5	***84***	***170***	***610***	***28***	***100***	***120***	***120***	***63***	***150***	***32***	***41.5***	***12***	***35***	***92***
trans-1,2-Dichloroethene	5 (c)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.5	<0.5	<0.5	<0.7
cis-1,2-Dichloroethene	5 (c)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***41***	***12***	***35***	***92***
Vinyl Chloride	2	2 J	***3 J***	2 J	< 10	< 10	1 J	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Toluene	5	3 J	< 10	< 10	< 10	1 J	***28***	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Xylene (total)	5 (b)	5 J	< 10	< 10	3 J	< 10	4 J	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Benzene	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	<10	<1	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	5	2 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1J	<1	<0.5	<0.5	<0.5	<0.6
Total Targeted Compounds:	100	***168***	***256***	***984***	56	***165***	***195***	***155***	96	***227***	49	66.1	18	52	***117***

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Standards.

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Standards.

(b) - Standard for xylene is for each individual isomer.

(c) - NYSDEC Standard for trans- and cis-1,2-Dichloroethene are inferred from the standard for total 1,2-Dichloroethene

Appendix A - Table 1
History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	Historic MW-12 Data													
Analyte	Standard (a)	1/14/03	4/16/03	7/23/03	4/16/03	7/23/03	10/3/03	2/9/04	4/15/04	7/23/04	10/27/04	1/20/05	4/14/05	7/18/05	10/13/05
1,1,1-Trichloroethane	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	***32***	***70***	***90***	***70***	***90***	***200***	***120***	***130***	***58***	***82***	***94***	***81***	***150***	***170***
Tetrachloroethene	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	5	***44***	***88***	***130***	***88***	***130***	***330***	***220***	***240***	***98***	***150***	***200***	***150***	***310***	***150***
trans-1,2-Dichloroethene	5 (c)	<0.5	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	***6***	<1.0
cis-1,2-Dichloroethene	5 (c)	***44***	NA	NA	NA	NA	NA	NA	NA	***98***	***120***	***200***	***140***	***280***	***150***
Vinyl Chloride	2	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	5	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	5 (b)	<0.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1	<0.5	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
Methylene Chloride	5	<0.5	<2.0	3.3	<2.0	3.3	***23***	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Targeted Compounds:	100	*76*	***158***	***220***	***158***	***220***	***553***	***340***	***370***	***156***	***232***	***294***	***231***	***460***	**320**

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Stand

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Stanc

(b) - Standard for xylene is for each individual isomer.

(c) - NYSDEC Standard for trans- and cis-1,2-Dichloroethene are inferred from the standa

Appendix A - Table 1
History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	Historic MW-12 Data													
Analyte	Standard (a)	1/18/06	4/7/06	7/25/06	10/13/06	1/17/07	4/13/07	7/18/07	10/25/07	1/21/08	4/24/08	7/23/08	10/2/08	1/22/09	4/21/09
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	1.5
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	***43***	***59***	***70***	***20***	***120***	***120***	***120***	***90***	**76**	**84**	**140**	**160**	**130**	**160**
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	5	***86***	***110***	***220***	***180***	***290***	***411.6***	***403***	***194.4***	**151.3**	**190**	**260**	**240**	**371.9**	**462.7**
trans-1,2-Dichloroethene	5 (c)	<1.0	<1.0	42	1.4	1.2	1.6	***13***	***4.4***	1.3	<1.0	1.6	<1.0	1.9	2.7
cis-1,2-Dichloroethene	5 (c)	***80***	***110***	***220***	***180***	***290***	***410***	***390***	***190***	**150**	**190**	**260**	**240**	**370D**	**460**
Vinyl Chloride	2	<1.0	<1.0	<1.0	***3.5***	<1.0	<1.0	<1.0	<1.0	1.3	1.3	<1.0	<1.0	1.2	<1.0
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	5 (b)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
Methylene Chloride	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Targeted Compounds:	100	***129***	***169***	***290***	***200***	***410***	***531.6***	***523***	***284.4***	**227.3**	**275.3**	**401.6**	**400.0**	**506.4**	**624.2**

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Stand

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Stanc

(b) - Standard for xylene is for each individual isomer.

(c) - NYSDEC Standard for trans- and cis-1,2-Dichloroethene are inferred from the standa

Appendix A - Table 1
History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	Historic MW-12 Data													
Analyte	Standard (a)	7/23/09	10/20/09	1/6/10	4/22/10	7/22/10	10/20/10	1/21/11	4/21/11	7/20/11	10/19/11	1/19/12	4/17/12	7/10/12	10/16/12
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	5	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	**43**	**170**	**66**	**100**	**55**	**68**	**79**	**70**	**82**	**100**	**110**	**80**	**89**	**87**
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	5	**321.7**	**462.2**	**147.7**	**262.1**	**120**	**150**	**140**	**160**	**183.1**	**201.1**	**201.8**	**191.6**	**161.5**	**150**
trans-1,2-Dichloroethene	5 (c)	1.7	2.2	**7.7**	2.1	<1.0	<1.0	<1.0	<1.0	3.1	1.1	1.8	1.6	1.5	<1.0
cis-1,2-Dichloroethene	5 (c)	**320**	**460D**	**140**	**260D**	**120**	**150**	**140**	**160**	**180**	**200**	**200**	**190**	**160**	**150**
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	5 (b)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4 B	<1.0	<1.0	<1.0	<1.0
Total Targeted Compounds:	100	**364.7**	**633.9**	**213.7**	**364.2**	**175**	**218**	**219**	**230**	**265.1**	**301.1**	**311.8**	**271.6**	**250.5**	**237.0**

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Stand

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Stanc

(b) - Standard for xylene is for each individual isomer.

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Appendix A - Table 1
History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	Historic MW-12 Data															
Analyte	Standard (a)	1/16/13	4/23/13	7/9/13	10/15/13	1/29/14	4/22/14	7/29/14	10/7/14	1/21/15	4/8/15	7/14/15	10/6/15	1/26/16	4/13/16	6/8/16	10/20/16
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	**86**	**65**	**73**	**69.3**	**69.9**	**63.7**	**50.3**	**45.8**	**60.8**	**62**	**54.2**	**70.9**	**74.3**	**59.1**	**69.9**	**62.8**
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	5	**161**	**110**	**121**	**117.8**	**86.21**	**94.59**	**61.5**	**58.7**	**69.4**	**96.9**	**81.6**	**96.9**	**119**	**93.9**	**96.2**	**89.33**
trans-1,2-Dichloroethene	5 (c)	1	<1.0	1	2.8	.51J	0.49J	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	1.1	0.53J
cis-1,2-Dichloroethene	5 (c)	**160**	**110**	**120**	**115**	**85.7**	**94.1**	**61.5**	**58.7**	**69.4**	**96.9**	**81.6**	**95.7**	**119**	**93.9**	**95.1**	**88.8**
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	5 (b)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Methylene Chloride	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Targeted Compounds:	100	**247.0**	**175.0**	**194.0**	**187.1**	**156.1**	**158.3**	**111.8**	**104.5**	**130.2**	**158.9**	**135.8**	**167.8**	**193.3**	**153.0**	**166.1**	**152.1**

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Stand

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Stanc

(b) - Standard for xylene is for each individual isomer.

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History of Volatile Organic Compounds Quantified in Groundwater (ppb) in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen New Windsor, NY
NYSDEC Site No. 3-36-037

	Groundwater Quality	MW-12 Reporting Period (2017-2019)												MW-12 Reporting Period (2020-2022)			MW-12 Reporting Period (2023-2025)		
Analyte	Standard (a)	1/24/17	4/27/17	7/19/17	10/24/17	1/23/18	4/11/18	7/18/18	10/17/18	3/19/19	4/24/19	7/11/19	10/22/19	1/30/20	8/3/21	7/19/22	12/14/23	1/8/25	1/15/25
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	0.22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	5	<1.0	<1.0	<1.0	0.56	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.59 J	<1.0	0.63 J	<1.0	0.80 J	1.2	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	**47.1**	**66.8**	**66.7**	**49.6**	**65.1**	**62.1**	**59.7**	**42.4**	**86.7**	**92.3**	**82.3**	**87**	**74.3**	**92.4**	**21.8**	**72.9**	**95.4**	**51.5**
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	5	**60.6**	**95.4**	**106.1**	**392.6**	**136.1**	**179.3**	**124.5**	**51**	**184.6**	**172.3**	**203.5**	**193.99**	**163.91**	**191.1**	**33.4**	**233.0**	**241.5**	**170.6**
trans-1,2-Dichloroethene	5 (c)	<1.0	1.0	3.1	8.6	1.1	2.3	1.5	<1	2.6	1.3	2.5	0.99 J	0.91 J	2.1	<1.0	1.0	1.5	0.56 J
cis-1,2-Dichloroethene	5 (c)	**60.6**	**94.4**	**103**	**384**	**135**	**177**	**123**	**51**	**182**	**171**	**201**	**193**	**163**	**189**	**33.4**	**232**	**240**	**170**
Vinyl Chloride	2	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	1.6	**3.3**	<1.0	**4.8**	**5.2**	**2.1**
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	0.27J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.99 J	<1.0
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	5 (b)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<1.0
Benzene	1	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total Targeted Compounds:	100	**107.7**	**162.2**	**172.8**	**444.7**	**201.2**	**241.4**	**184.2**	**93.4**	**273.9**	**264.6**	**285.8**	**281.0**	**239.8**	**287.4**	**55.2**	**310.7**	**342.1**	**224.2**

Notes:

< 10 - Not detected at the Contract Required Detection Limit (CRDL) shown.

NA - Samples were analyzed for total 1,2-dichloroethene only.

SNR - Sampling of MW-12 was not required in June 1996.

D - Concentration detected in a diluted sample analysis.

J - Estimated value for a compound which is present below the CRDL.

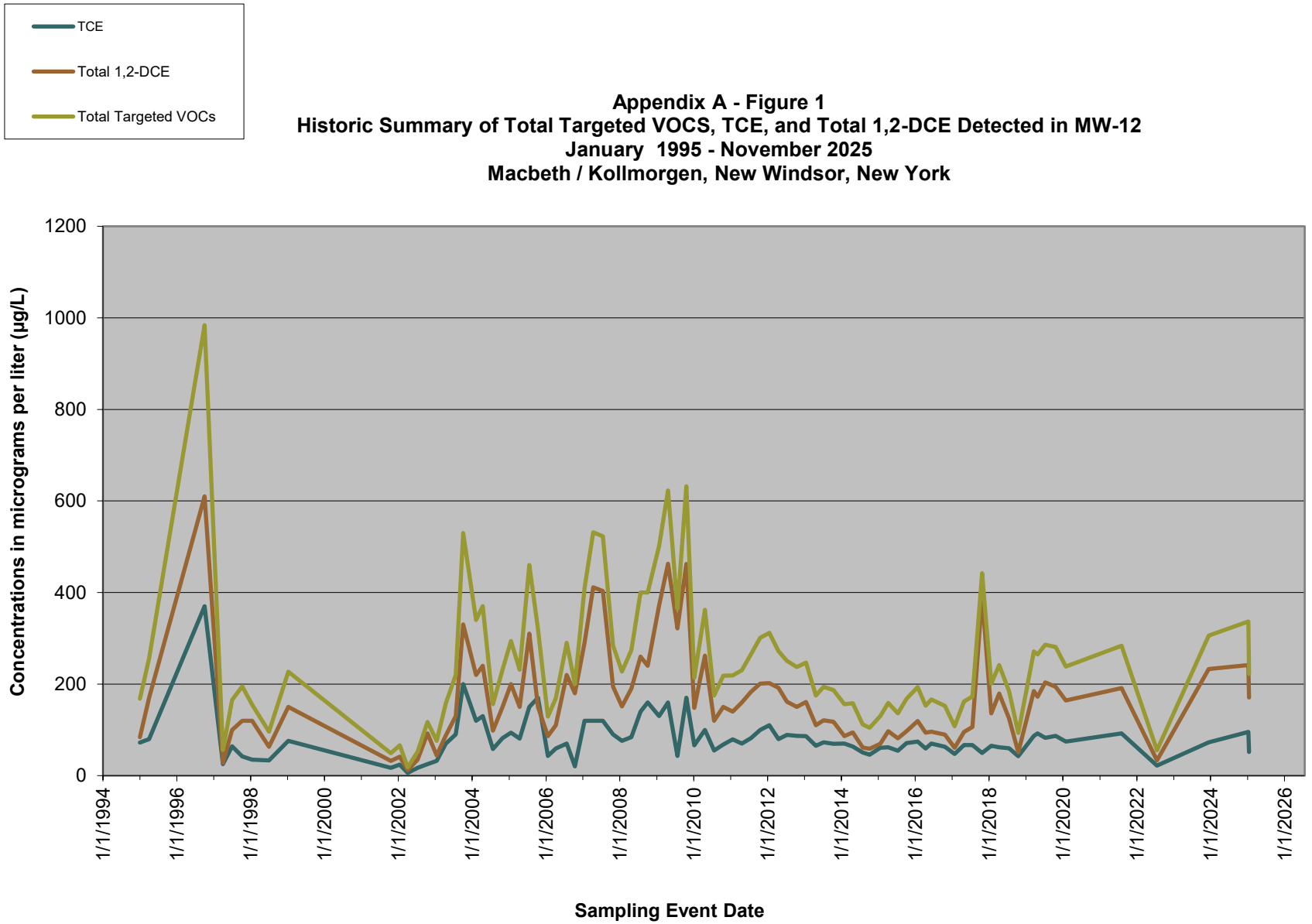
Bold italics text indicates the concentration exceeds NYSDEC Groundwater Quality Stand

(a) - NYSDEC Divsion of Water T.O.G.S. 1.1.1, August 1999, Groundwater Quality Stanc

(b) - Standard for xylene is for each individual isomer.

(c) - NYSDEC Standard for trans- and cis-1,2-Dichloroethene are inferred from the standa

Appendix A - Figure 1
Historic Summary of Total Targeted VOCS, TCE, and Total 1,2-DCE Detected in MW-12
January 1995 - November 2025
Macbeth / Kollmorgen, New Windsor, New York



ERM

APPENDIX B ICEC FORM

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 336037

Site Name Macbeth Kollmorgen Corp.

Site Address: 617 Little Britain Road Zip Code: 12553
City/Town: New Windsor
County: Orange
Site Acreage: 25.000

Reporting Period: November 30, 2022 to November 30, 2025

	YES	NO
1. Is the information above correct?	X	
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	
7. Are all ICs in place and functioning as designed?	X	

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

Description of Institutional Controls

Parcel	Owner	Institutional Control
4-1-19	Empire Properties, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The owner of the Property shall prohibit the Property from ever being used for purposes other than Commercial or Indsutrial use, as defined in 6 NYCRR Part 375-1.8(g)(2), without permission to do so from the Department or Relevant Agency.

The owner of the Property shall prohibit the used of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, without permission to do so from the Department or Relevant Agency.

On behalf of the owner of the Property, the remedial party, Macbeth Kollmorgen Corporation shall provide periodic certifcation to the Department or Relevant Agency, which will certify the insitutional controls are in place and unchanged.

4-1-34.1	Empire Properties, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The owner of the Property shall prohibit the Property from ever being used for purposes other than Commercial or Indsutrial use, as defined in 6 NYCRR Part 375-1.8(g)(2), without permission to do so from the Department or Relevant Agency.

The owner of the Property shall prohibit the used of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, without permission to do so from the Department or Relevant Agency.

On behalf of the owner of the Property, the remedial party, Macbeth Kollmorgen Corporation shall provide periodic certifcation to the Department or Relevant Agency, which will certify the insitutional controls are in place and unchanged.

4-1-36	Empire Properties, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The owner of the Property shall prohibit the Property from ever being used for purposes other than Commercial or Indsutrial use, as defined in 6 NYCRR Part 375-1.8(g)(2), without permission to do so from the Department or Relevant Agency.

The owner of the Property shall prohibit the used of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, without permission to do so from the Department or Relevant Agency.

On behalf of the owner of the Property, the remedial party, Macbeth Kollmorgen Corporation shall provide periodic certifcation to the Department or Relevant Agency, which will certify the insitutional controls are in place and unchanged.

4-1-37.1	Empire Properties, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

Site Management Plan
O&M Plan
IC/EC Plan

The owner of the Property shall prohibit the Property from ever being used for purposes other than Commercial or Indsutrial use, as defined in 6 NYCRR Part 375-1.8(g)(2), without permission to do so from the Department or Relevant Agency.

The owner of the Property shall prohibit the used of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, without permission to do so from the Department or Relevant Agency.

On behalf of the owner of the Property, the remedial party, Macbeth Kollmorgen Corporation shall provide periodic certifcation to the Department or Relevant Agency, which will certify the insitutional controls are in place and unchanged.

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

IC CERTIFICATIONS
SITE NO. 336037

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Slone Pearson (print name) at 4114 Center at North Hills St., Suite 400, Raleigh, NC 27609 (print business address),

am certifying as Ralliant Corporation (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signed by: Slone Pearson 59312128F6C24DD... — 1/21/2026

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

Docusign Envelope ID: D4E20685-E5A6-410A-B7B7-4667005C454D

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ernest Rossano (print name) at 277 Park Avenue, 20th Floor, New York, NY 10172, (print business address)

am certifying as a Qualified Environmental Professional for the Remedial Party (Owner or Remedial Party)

Ernest Rossano

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

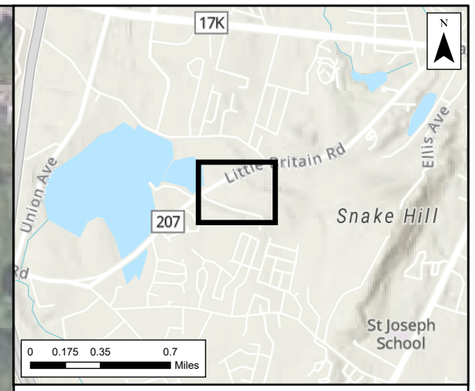
Stamp (Required for PE)

January 21, 2026
Date

APPENDIX C GW ELEVATION, MW INSPECTION LOGS, AND GW CONTOUR MAPS

Appendix C - Table 1
Summary of Water Level Elevations and Well Inspection Logs
Former Macbeth Kollmorgen Corp Site
New Windsor, New York

Well	Water-Bearing Zone	Measurement Date	Measuring Point Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Measured Depth of Well (ft)	Dry Indicator	Remark
MW-2	**Shallow**	**12/14/2023**	311.11	15.04	296.07	35.99	N	
MW-2	**Shallow**	**01/08/2025**	311.11	18.57	292.54	36.00	N	
MW-3	**Shallow**	**12/14/2023**	332.56					not found, landscape changed
MW-3	**Shallow**	**01/08/2025**	332.56					not found, landscape changed
MW-4	**Shallow**	**12/14/2023**	322.18			42.19	Y	
MW-4	**Shallow**	**01/08/2025**	322.18			23.09	Y	
MW-4A	**Shallow**	**12/14/2023**	321.76			16.04	Y	
MW-4A	**Shallow**	**01/08/2025**	321.76			16.01	Y	
MW-5	**Shallow**	**12/14/2023**	346.03	8.26	337.77	18.68	N	
MW-5	**Shallow**	**01/08/2025**	346.03	17.49	328.54	18.58	N	
MW-6	**Shallow**	**12/14/2023**	310.81	18.07	292.74	38.81	N	
MW-6	**Shallow**	**01/08/2025**	310.81	21.24	289.57	52.44	N	
MW-7	**Shallow**	**12/14/2023**	320.04			41.78	Y	
MW-7	**Shallow**	**01/08/2025**	320.04			42.03	Y	
MW-8	**Intermediate**	**12/14/2023**	332.23					not found, landscape changed
MW-8	**Intermediate**	**01/08/2025**	332.23					not found, landscape changed
MW-9	**Intermediate**	**12/14/2023**	322.44	59.43	263.01	77.70	N	
MW-9	**Intermediate**	**01/08/2025**	322.44	66.15	256.29	76.57	N	
MW-10	**Intermediate**	**12/14/2023**	320.23	52.94	267.29	85.87	N	
MW-10	**Intermediate**	**01/08/2025**	320.23	50.62	269.61	85.92	N	
MW-11	**Intermediate**	**12/14/2023**	308.20	68.13	240.07	92.39	N	
MW-11	**Intermediate**	**01/08/2025**	308.20	68.76	239.44	89.03	N	
MW-12	**Deep**	**12/14/2023**	307.98	67.68	240.30	140.19	N	
MW-12	**Deep**	**01/08/2025**	307.98	89.25	218.73	141.24	N	
MW-13	**Deep**	**12/14/2023**	345.18	103.47	241.71	126.41	N	
MW-13	**Deep**	**01/08/2025**	345.18	104.38	240.80	124.09	N	
MW-16R	**Deep**	**12/14/2023**	318.16					Stick up casing cut off
MW-16R	**Deep**	**01/08/2025**	318.16					Stick up casing cut off



Legend

- Shallow Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging December 14, 2023
4. Water elevation reported in Ft. AMSL
5. * MW-4, MW-4A, and MW-7 were dry at the time of gauging, MW-3 was not able to be located.
6. Groundwater contours were not drawn due to the spatial layout of the three available elevations.

N

0 175 350
Feet

Appendix C-1
Groundwater Elevation Contour
Shallow Bedrock Wells
December 14, 2023
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

DRAWN BY: GIS

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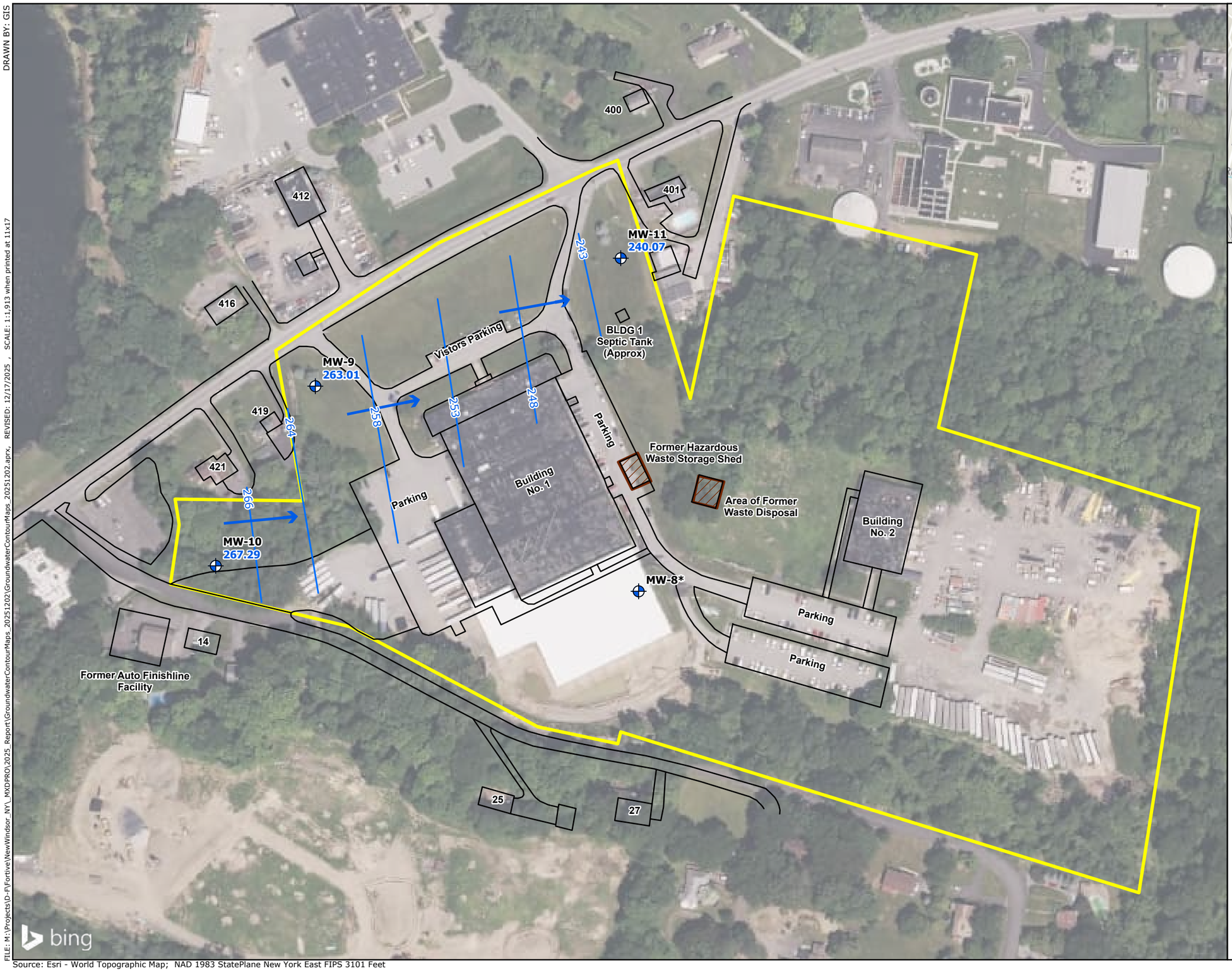

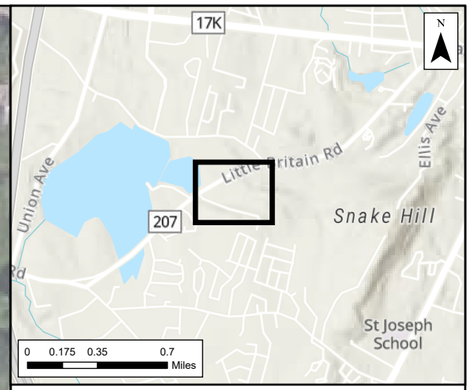

Legend

- Intermediate Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary
- Groundwater Contour
- Groundwater Flow

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging December 14, 2023
4. Water elevation reported in Ft. AMSL
5. * -Indicates well was not able to be located during gauging event.

N

0 175 350
Feet

Appendix C-2
Groundwater Elevation Contour
Intermediate Bedrock Wells
December 14, 2023
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

DRAWN BY: GIS

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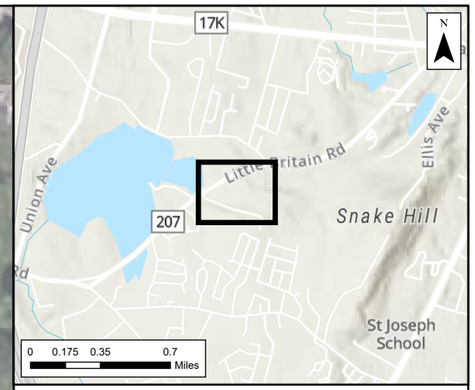

Legend

- Deep Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging December 14, 2023
4. Water elevation reported in Ft. AMSL
5. * -Indicates well was not able to be located during gauging event.
6. Contours have not been drawn since minimum of three elevation points were not available

N

0 175 350
Feet

Appendix C-3
Groundwater Elevation Contour
Deep Bedrock Wells
December 14, 2023
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

DRAWN BY: GIS

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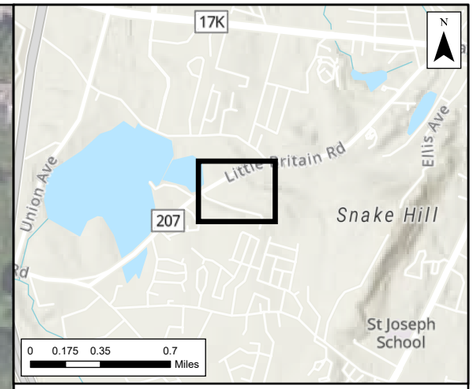

Legend

- Shallow Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging January 8, 2025
4. Water elevation reported in Ft. AMSL
5. * MW-4, MW-4A, and MW-7 were dry at the time of gauging.
6. ** MW-3 was not able to be located.
7. Groundwater contours were not drawn due to the spatial layout of the three available elevations.

N

0 175 350
Feet

Appendix C-4
Groundwater Elevation Contour
Shallow Bedrock Wells
January 8, 2025
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

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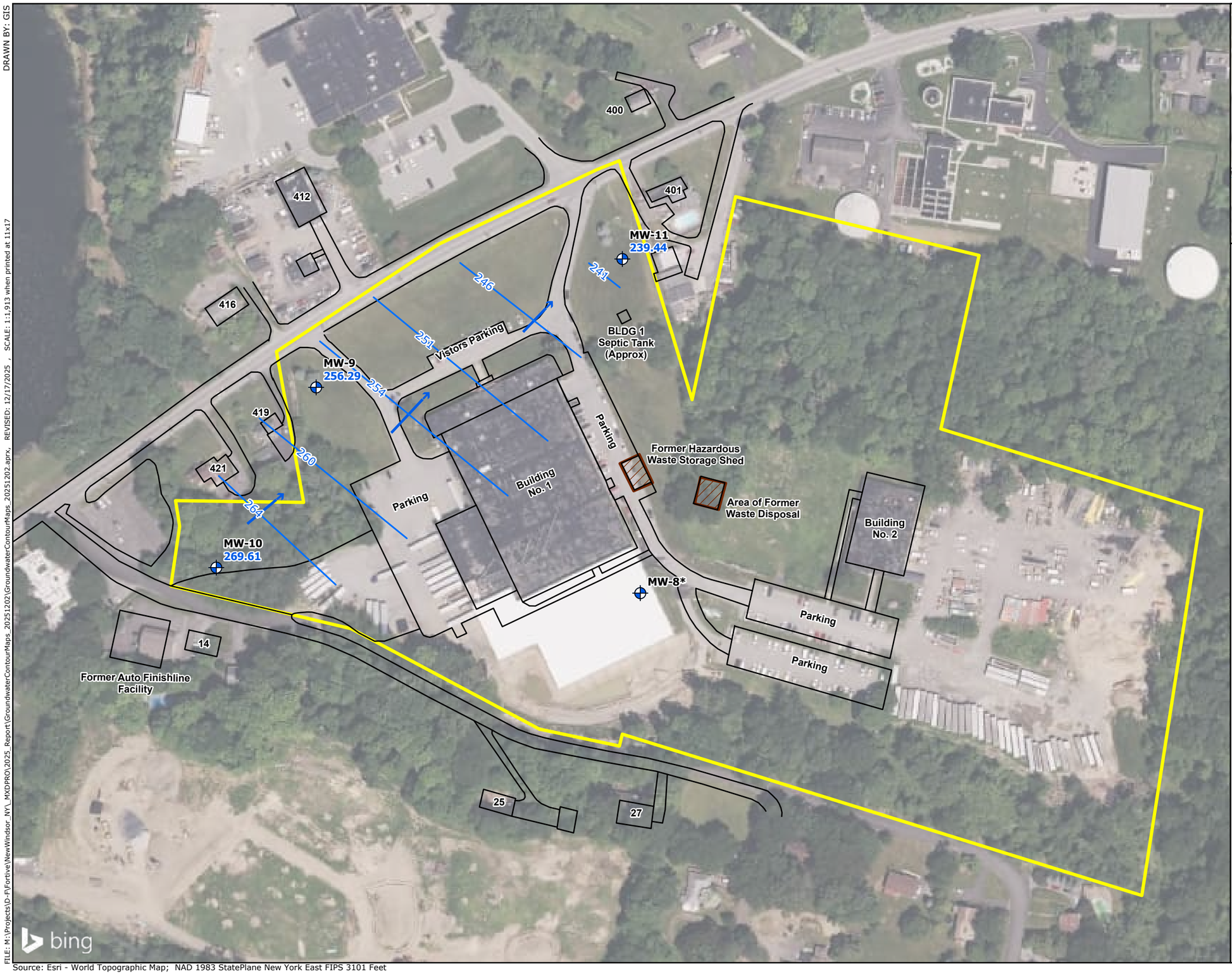
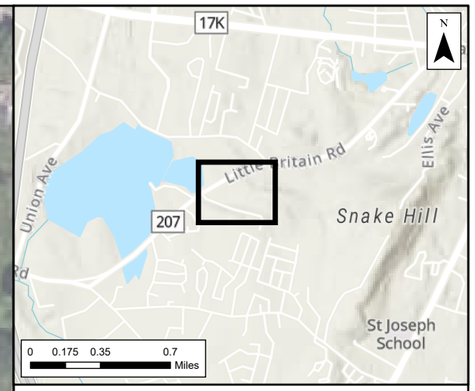




Legend

- Intermediate Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary
- Groundwater Flow
- Growndwater Contour

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging January 8, 2025
4. Water elevation reported in Ft. AMSL
5. * -Indicates well was not able to be located during gauging event

N

0 175 350
Feet

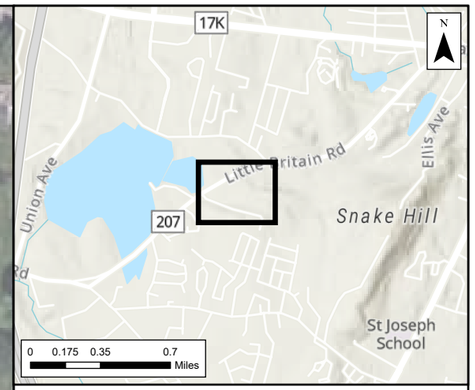
Appendix C-5
Groundwater Elevation Contour
Intermediate Bedrock Wells
January 8, 2025
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

DRAWN BY: GIS , SCALE: 1:1,913 when printed at 11x17 , REVISED: 12/17/2025

FILE: M:\Projects\D-F\Fortive\NewWindsor_NY_MXDPROJ\2025_Report\GroundwaterContourMaps_20251202.aprx, M:\Projects\D-F\Fortive\NewWindsor_NY_MXDPROJ\2025_Report\GroundwaterContourMaps_20251202\GroundwaterContourMaps_20251202.aprx



Legend

- Deep Bedrock Monitoring Well
- Soil Excavation Area (1989 Investigation)
- Approximate Property Boundary

Notes:
1. Aerial Imagery: ESRI World Imagery Reproduced under license in ArcGIS.
2. Site layout provided by H2M Engineer
3. Date of gauging January 8, 2025
4. Water elevation reported in Ft. AMSL
5. * -Indicates well was not able to be located.
6. Contours have not been drawn since minimum of three elevation points were not available

N

0 175 350
Feet

Appendix C-6
Groundwater Elevation Contour
Deep Bedrock Wells
January 8, 2025
Former Macbeth/Kollmorgen
NYDEC Site No. 3-36-037617
Little Britain Road
New Windsor, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York East FIPS 3101 Feet

DRAWN BY: GIS

FILE: M:\Projects\D-F\Fortive\NewWindsor_NY_MXDPRO\2025_Report\GroundwaterContourMaps_20251202.aprx, REVISED: 12/17/2025 , SCALE: 1:1,913 when printed at 11x17

APPENDIX D LAB ANALYTICAL DATA REPORTS

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ERM, Inc.

Fortive, New Windsor, NY

0765335

SGS Job Number: JE4262

Sampling Date: 01/15/25

Report to:

ERM
277 Park Avenue, 20th Floor
New York, NY 10172
Karen.Pickering@ERM.com

ATTN: Karen Pickering

Total number of pages in report: 12

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Tammy McCloskey 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

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SGS North America Inc.

Sample Summary

ERM, Inc.

Job No: JE4262

Fortive, New Windsor, NY
Project No: 0765335

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE4262-1	01/15/25	11:00	MM	01/16/25	AQ	Ground Water	MW-12-20250115

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Summary of Hits

Job Number: JE4262
Account: ERM, Inc.
Project: Fortive, New Windsor, NY
Collected: 01/15/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE4262-1	**MW-12-20250115**					
cis-1,2-Dichloroethene		170	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		0.56 J	1.0	0.54	ug/l	SW846 8260D
Trichloroethene		51.5	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		2.1	1.0	0.52	ug/l	SW846 8260D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-12-20250115		
Lab Sample ID:	JE4262-1	**Date Sampled:**	01/15/25
Matrix:	AQ - Ground Water	**Date Received:**	01/16/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2F15180.D	1	01/17/25 12:53	NW	n/a	n/a	V2F463
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	170	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.56	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12-20250115		
Lab Sample ID:	JE4262-1	**Date Sampled:**	01/15/25
Matrix:	AQ - Ground Water	**Date Received:**	01/16/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	51.5	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	2.1	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	89%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

GW

JE4262

Page 1 of 1

FED-EX Tracking #:
Bottle Order Control #: PREM-TM-01325-158
SGS Quote #:
SGS Job #:

Client / Reporting Information

Company Name: ERM
Street Address: 277 Park Ave 20 Fl
City: New York State: NY Zip: 10172
Project Contact: Karen.pickering@erm.com E-mail:
Phone #:
Sampler(s) Name(s): Michelle Moczulski Phone #:

Project Information

Project Name: Fortive New Windsor, NY
Street: 617 Little Britain Rd
City: New Windsor State: NY
Project #: 0765335
Client Purchase Order #:
Project Manager:
Attention:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:

Analysis Requested

V8260 TCL20

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Channeled (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	EnCore	pH Check (Lab Use Only)	LAB USE ONLY
1	MW-12-20250115		1/15/2025	11:00	MM	G	Y	GW	3	3								+	

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [X] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Michelle Moczulski	1/15/2025 13:15	1 FedEx
2	Relinquished by: Fedex	Date / Time: 1/16/25 9:30	Received By:
3	Relinquished by:	Date / Time:	Received By: 3
4	Relinquished by:	Date / Time:	Received By: 4
5	Relinquished by:	Date / Time:	Received By: 5

Custody Seal #: [ ] Intact [ ] Not Intact [ ] Absent
Therm ID: See Sample Receipt Summary
On Ice: [X]
Cooler Temp. °C: 3.1 C1P IR80

EHSA-QAC-0023-06 Rev.Date:9/24/2024

Initial Assessment 2BEA
Label Verification

SGS Sample Receipt Summary

Job Number: JE4262 **Client:** ERM, INCORPORATED **Project:** FORTIVE, NEW WINDSOR, NY

Date / Time Received: 1/16/2025 9:40:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.1);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE4262: Chain of Custody
Page 2 of 2

Internal Sample Tracking Chronicle

ERM, Inc.

Job No: JE4262

Fortive, New Windsor, NY
Project No: 0765335

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE4262-1	Collected: 15-JAN-25 11:00 By: MM			Received: 16-JAN-25 By: KG		
MW-12-20250115						
JE4262-1	SW846 8260D	17-JAN-25 12:53	NW			V8260TCL20

SGS Internal Chain of Custody

Job Number: JE4262
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY
Received: 01/16/25

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JE4262-1.1	Erica Aanestad	Secured Storage	01/16/25 13:54	Return to Storage
JE4262-1.1	Nicholas Weigand	GCMS1F	01/17/25 15:24	Load on Instrument
Analyst chain of custody update error.				
JE4262-1.2	Erica Aanestad	Secured Storage	01/16/25 13:54	Return to Storage
JE4262-1.2	Nicholas Weigand	GCMS1F	01/17/25 15:24	Load on Instrument
Analyst chain of custody update error.				
JE4262-1.3	Seamus D'angiolillo	Secured Storage	01/16/25 15:21	Return to Storage

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ERM, Inc.

Fortive, New Windsor, NY

0765335

SGS Job Number: JE3889

Sampling Date: 01/08/25

Report to:

ERM
277 Park Avenue, 20th Floor
New York, NY 10172
Karen.Pickering@ERM.com

ATTN: Karen Pickering

Total number of pages in report: 12

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Tammy McCloskey 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

ERM, Inc.

Job No: JE3889

Fortive, New Windsor, NY
Project No: 0765335

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE3889-1	01/08/25	11:15	MM	01/09/25	AQ	Ground Water	MW-12-20250108

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Summary of Hits

Job Number: JE3889
Account: ERM, Inc.
Project: Fortive, New Windsor, NY
Collected: 01/08/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE3889-1	**MW-12-20250108**					
1,1-Dichloroethene		1.2	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		240	10	5.1	ug/l	SW846 8260D
trans-1,2-Dichloroethene		1.5	1.0	0.54	ug/l	SW846 8260D
Toluene		0.99 J	1.0	0.49	ug/l	SW846 8260D
Trichloroethene		95.4	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		5.2	1.0	0.52	ug/l	SW846 8260D
m,p-Xylene		2.1	1.0	0.78	ug/l	SW846 8260D
o-Xylene		0.65 J	1.0	0.59	ug/l	SW846 8260D
Xylene (total)		2.8	1.0	0.59	ug/l	SW846 8260D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-12-20250108		
Lab Sample ID:	JE3889-1	**Date Sampled:**	01/08/25
Matrix:	AQ - Ground Water	**Date Received:**	01/09/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1J19297.D	1	01/10/25 16:02	ED	n/a	n/a	V1J538
Run #2	1J19301.D	10	01/10/25 17:05	ED	n/a	n/a	V1J538

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	1.2	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	240 [a]	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.5	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12-20250108		
Lab Sample ID:	JE3889-1	**Date Sampled:**	01/08/25
Matrix:	AQ - Ground Water	**Date Received:**	01/09/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	0.99	1.0	0.49	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	95.4	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	5.2	1.0	0.52	ug/l	
	m,p-Xylene	2.1	1.0	0.78	ug/l	
95-47-6	o-Xylene	0.65	1.0	0.59	ug/l	J
1330-20-7	Xylene (total)	2.8	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	99%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	80-120%
2037-26-5	Toluene-D8	102%	102%	80-120%
460-00-4	4-Bromofluorobenzene	97%	96%	82-114%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

GW

Page 1 of 1

FED-EX Tracking # 277568915721 | Bottle Order Control # PREM-TM-01325-158
SGS Quote # | SGS Job # JE3889

Client / Reporting Information

Company Name: ERM
Street Address: 277 Park Ave 20th Floor
City: New York | State: NY | Zip: 10172
Project Contact: Karen.pickering@erm.com | E-mail
Phone #:
Sampler(s) Name(s): Michelle Mocewisky | Phone #

Project Information

Project Name: Fortive New Windsor, NY
Street: 617 Little Britain Rd
City: New Windsor | State: NY
Project #: 0765335
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: | State: | Zip:
Attention:

Analysis Requested

V8260TCL20

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Channel ed (Y/N)	Matrix	Number of Bottles # of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	EnCore	pH Check (Lab Use Only)	LAB USE ONLY
1	MW-12-20250108		1/8/2025	11:15	MM	G	Y	GW	3	3								X	V773 5

Initial Assessment SD-2/7
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage | * Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [X] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Tony Horn	1/8/25 1330	FED-EX
2	FED-EX	1/9/25 10:20	Alexandria Rodriguez
3			
4			
5			

Custody Seal # | [ ] Intact [ ] Not Intact [ ] Absent
Therm ID: | On Ice [X] | Cooler Temp. °C: 1.0°C 11250
See Sample Receipt Summary

EHSA-QAC-0023-06 Rev.Date:9/24/2024

JE3889: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JE3889 **Client:** ERM, INCORPORATED **Project:** FORTIVE, NEW WINDSOR, NY

Date / Time Received: 1/9/2025 10:20:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.4);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE3889: Chain of Custody
Page 2 of 2

Internal Sample Tracking Chronicle

ERM, Inc.

Job No: JE3889

Fortive, New Windsor, NY
Project No: 0765335

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE3889-1	Collected: 08-JAN-25 11:15 By: MM		Received: 09-JAN-25 By: AR			
MW-12-20250108						
JE3889-1	SW846 8260D	10-JAN-25 16:02	ED			V8260TCL20
JE3889-1	SW846 8260D	10-JAN-25 17:05	ED			V8260TCL20

SGS Internal Chain of Custody

Job Number: JE3889
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY
Received: 01/09/25

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JE3889-1.1	Benny Liem	Secured Storage	01/09/25 18:37	Return to Storage
JE3889-1.1	Secured Storage	Jack Hennigan	01/13/25 16:50	Retrieve from Storage
JE3889-1.1	Jack Hennigan	GCMS4D	01/13/25 16:50	Load on Instrument
JE3889-1.2	Benny Liem	Secured Storage	01/09/25 18:37	Return to Storage
JE3889-1.2	Secured Storage	Camille Fiumara	01/10/25 14:39	Retrieve from Storage
JE3889-1.2	Camille Fiumara	GCMS1J	01/10/25 14:39	Load on Instrument
JE3889-1.2	GCMS1J	Camille Fiumara	01/13/25 16:52	Unload from Instrument
JE3889-1.2	Camille Fiumara	Secured Storage	01/13/25 16:52	Return to Storage
JE3889-1.3	Benny Liem	Secured Storage	01/09/25 18:37	Return to Storage

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ERM, Inc.

Fortive, New Windsor, NY

0699387

SGS Job Number: JD79113

Sampling Date: 12/14/23

Report to:

ERM, Incorporated
105 Maxess Road Suite 316
Melville, NY 11747-3851
Karen.Pickering@ERM.com

ATTN: Karen Pickering

Total number of pages in report: **1964**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Tammy McCloskey 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Please share your ideas about
how we can serve you better at:
EHS.US.CustomerCare@sgs.com

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SGS North America Inc.

Sample Summary

ERM, Inc.

Job No: JD79113

Fortive, New Windsor, NY
Project No: 0699387

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD79113-1	12/14/23	14:30	TH	12/19/23	AQ	Ground Water	MW-12-121423

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: ERM, Inc. **Job No:** JD79113

Site: Fortive, New Windsor, NY **Report Date** 12/29/2023 3:44:35 P

On 12/19/2023, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.2 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD79113 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1E8774

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD79224-4MS, JD79224-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** V1K391

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD78872-5MS, JD78872-5MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Bromomethane, Chloroethane, Trichlorofluoromethane are outside control limits. High percent recovery and no associated positive reported in the QC batch.
- The matrix spike (MS) recovery(s) of Bromomethane, Trichloroethene are outside control limits.
- The matrix spike duplicate (MSD) recovery(s) of Bromomethane are outside control limits.
- JD79113-1 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD79113-1 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD79113-1 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD79113-1 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD79113-1 for Bromomethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD79113-1 for Chloroethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

GC Volatiles By Method RSK-175

Matrix: AQ **Batch ID:** GAA2966

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD78848-6DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The duplicate RPD(s) for Methane are outside control limits for sample JD78848-6DUP.

General Chemistry By Method EPA 300/SW846 9056A

Matrix: AQ **Batch ID:** GP51202

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD79174-6DUP, JD79174-6MS were used as the QC samples for the Chloride analysis.

General Chemistry By Method SM2320 B-11

Matrix: AQ **Batch ID:** GN49509

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) LA96441-5DUP were used as the QC samples for the Alkalinity, Total as CaCO3 analysis.
- JD79113-1 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.

General Chemistry By Method SM4500S2- F-11

Matrix: AQ **Batch ID:** GN49505

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD79113-1MS, JD79174-1DUP were used as the QC samples for the Sulfide analysis.

General Chemistry By Method SM4500S2- H-11

Matrix: AQ **Batch ID:** GN49801

- The data for SM4500S2- H-11 meets quality control requirements.

Field Data By Method SM2510 B-11

Matrix: AQ **Batch ID:** R207781

- The data for SM2510 B-11 meets quality control requirements.
- JD79113-1 for Specific Conductivity (Field): Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes.

Field Data By Method SM4500H+ B-11

Matrix: AQ **Batch ID:** R207781

- The data for SM4500H+ B-11 meets quality control requirements.
- JD79113-1 for pH (Field): Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes. Temp of pH Reading: 11.93 Deg. C

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD79113
Account: ERM, Inc.
Project: Fortive, New Windsor, NY
Collected: 12/14/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD79113-1	**MW-12-121423**					
1,1-Dichloroethene		0.80 J	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		232	10	5.1	ug/l	SW846 8260D
trans-1,2-Dichloroethene		1.0	1.0	0.54	ug/l	SW846 8260D
Trichloroethene		72.9	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		4.8	1.0	0.52	ug/l	SW846 8260D
Methane		17.0	0.11	0.080	ug/l	RSK-175
Ethane		1.1	0.23	0.14	ug/l	RSK-175
Alkalinity, Total as CaCO3 [a]		119	5.0		mg/l	SM2320 B-11
Chloride		323	2.0		mg/l	EPA 300/SW846 9056A
Specific Conductivity (Field) [b]		1100	0.50		umhos/cm	SM2510 B-11
pH (Field) [c]		7.34			su	SM4500H+ B-11

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes.
(c) Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes. Temp of pH Reading: 11.93 Deg. C

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-12-121423		
Lab Sample ID:	JD79113-1	**Date Sampled:**	12/14/23
Matrix:	AQ - Ground Water	**Date Received:**	12/19/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1K14370.D	1	12/20/23 15:51	LD	n/a	n/a	V1K391
Run #2	1E179188.D	10	12/21/23 11:57	NW	n/a	n/a	V1E8774

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane [b]	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	0.80	1.0	0.59	ug/l	J
156-59-2	cis-1,2-Dichloroethene	232 [c]	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.0	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12-121423		
Lab Sample ID:	JD79113-1	**Date Sampled:**	12/14/23
Matrix:	AQ - Ground Water	**Date Received:**	12/19/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	72.9	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane [b]	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	4.8	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%	91%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	111%	80-120%
2037-26-5	Toluene-D8	94%	100%	80-120%
460-00-4	4-Bromofluorobenzene	98%	107%	82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-12-121423		
Lab Sample ID:	JD79113-1	**Date Sampled:**	12/14/23
Matrix:	AQ - Ground Water	**Date Received:**	12/19/23
Method:	RSK-175	**Percent Solids:**	n/a
Project:	Fortive, New Windsor, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA106213.D	1	12/28/23 14:30	ML	n/a	n/a	GAA2966
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	17.0	0.11	0.080	ug/l	
74-84-0	Ethane	1.1	0.23	0.14	ug/l	
74-85-1	Ethene	ND	0.31	0.16	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12-121423		
Lab Sample ID:	JD79113-1	**Date Sampled:**	12/14/23
Matrix:	AQ - Ground Water	**Date Received:**	12/19/23
		Percent Solids:	n/a
Project:	Fortive, New Windsor, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	119	5.0	mg/l	1	12/20/23 17:27	MK	SM2320 B-11
Chloride	323	2.0	mg/l	1	12/20/23 21:55	SS	EPA 300/SW846 9056A
Hydrogen Sulfide	< 2.0	2.0	mg/l	1	12/20/23	MET	SM4500S2- H-11
Sulfide	< 2.0	2.0	mg/l	1	12/20/23 13:50	MP	SM4500S2- F-11

Field Parameters

Specific Conductivity (Field) [b]	1100	0.50	umhos/cm	1	12/14/23 14:30	SUB	SM2510 B-11
pH (Field) [c]	7.34		su	1	12/14/23 14:30	SUB	SM4500H+ B-11

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes.
(c) Field Data was not determined by SGS under NELAP accreditation, it is being reported at client's request and may not be suitable for compliance purposes. Temp of pH Reading: 11.93 Deg. C

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

Parameter Certification Exceptions

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Hydrogen Sulfide	7783-06-4	**SM4500S2- H-11**	AQ	SGS is not certified for this parameter.[a]

(a) Lab cert for analyte not supported by NJDEP, OQA. Only methods/analytes required for reporting by the State of NJ can be certified in NJ. Use of this analyte for compliance must be verified through the appropriate regulatory office.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

GW

7003 7834 6862

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SGS Quote #

Bottle Order Control # DM-13023-135

SGS Job # JD79113

Client / Reporting Information

Company Name: ERM
Street Address: 295 MADISON AVE, STE 8A
City: NEW YORK State: NY Zip: 10017
Project Contact: KP E-mail: karen.pickering@erm.com
Phone #:
Sampler(s) Name: Tony Hon Phone #:

Project Information

Project Name: Fortiva - New Windsor, NY
Street: 617 Little British Rd
City: New Windsor State: NY
Project #: 0699387
Client Purchase Order #:
Project Manager: KP
Attention:

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of Bottles	Number of Bottles: HCl	NaOH + ZnAc	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only): ALK	CHL	VOA260 TCL20	VOA5K12SDGMEE	XMA25	LAB USE ONLY
1	MW-12-121423		12/14	1430	TH	G	N	GW	4	6	2			5				✓	✓	✓	✓	✓	

Initial Assessment 2/4/24
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

pH = 7.34
Sp Cond. = 1.10 mS/cm

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Tony Hon	12/14 1500	Fedex
2	Fedex	12/19/23 1050	
3			
4			
5			

Custody Seal # ☐ Intact ☐ Not Intact ☐ Absent

Therm ID: See Sample Receipt Summary

On Ice ☒

Cooler Temp. °C: 1.2 1.2 IR50

EHSA-QAC-0023-05 Rev.Date:8/5/22

5.2 5

JD79113: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD79113 **Client:** ERM, INCORPORATED **Project:** FORTIVE, NEW WINDSOR, NY

Date / Time Received: 12/19/2023 10:50:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.2);

Cooler Temps (Corrected) °C: Cooler 1: (1.2);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Internal Sample Tracking Chronicle

ERM, Inc.

Job No: JD79113

Fortive, New Windsor, NY
Project No: 0699387

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD79113-1 MW-12-121423	Collected: 14-DEC-23 14:30 By: TH		Received: 19-DEC-23 By: KG			
JD79113-1	SM2510 B-11	14-DEC-23 14:30	SUB			SCONFCD
JD79113-1	SM4500H+ B-11	14-DEC-23 14:30	SUB			PHFTEMPCD
JD79113-1	SM4500S2- H-11	20-DEC-23	MET			H2S
JD79113-1	SM4500S2- F-11	20-DEC-23 13:50	MP			S
JD79113-1	SW846 8260D	20-DEC-23 15:51	LD			V8260TCL20
JD79113-1	SM2320 B-11	20-DEC-23 17:27	MK			ALK
JD79113-1	EPA 300/SW846 9056A	20-DEC-23 21:55	SS	20-DEC-23	SS	CHL
JD79113-1	SW846 8260D	21-DEC-23 11:57	NW			V8260TCL20
JD79113-1	RSK-175	28-DEC-23 14:30	ML			VRSK175DGMEE

SGS Internal Chain of Custody

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY
Received: 12/19/23

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD79113-1.1	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.2	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.3	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.3	Secured Storage	Dave Hunkele	12/20/23 13:15	Retrieve from Storage
JD79113-1.3	Dave Hunkele	Secured Staging Area	12/20/23 13:15	Return to Storage
JD79113-1.3	Secured Staging Area	Sarah Sarantopoulos	12/20/23 19:30	Retrieve from Storage
JD79113-1.3	Sarah Sarantopoulos	Secured Storage	12/22/23 10:57	Return to Storage
JD79113-1.4	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.4	Secured Storage	Todd Shoemaker	12/20/23 07:52	Retrieve from Storage
JD79113-1.4	Todd Shoemaker	Secured Staging Area	12/20/23 07:53	Return to Storage
JD79113-1.4	Secured Staging Area	Mahendra Patel	12/20/23 12:38	Retrieve from Storage
JD79113-1.4	Mahendra Patel		12/20/23 14:04	Depleted
JD79113-1.5	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.5	Secured Storage	Todd Shoemaker	12/20/23 07:52	Retrieve from Storage
JD79113-1.5	Todd Shoemaker	Secured Staging Area	12/20/23 07:53	Return to Storage
JD79113-1.5	Secured Staging Area	Mahendra Patel	12/20/23 12:38	Retrieve from Storage
JD79113-1.5	Mahendra Patel		12/20/23 14:04	Depleted
JD79113-1.6	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.7	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.7	Secured Storage	Dave Hunkele	12/20/23 09:02	Retrieve from Storage
JD79113-1.7	Dave Hunkele	Secured Staging Area	12/20/23 09:02	Return to Storage
JD79113-1.7	Secured Staging Area	Marcin Kotowski	12/20/23 09:53	Retrieve from Storage
JD79113-1.7	Marcin Kotowski	Secured Storage	12/20/23 15:53	Return to Storage
JD79113-1.8	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.8	Secured Storage	Louie Devletter	12/21/23 12:54	Retrieve from Storage
JD79113-1.8	Louie Devletter	GCMS1E	12/21/23 12:54	Load on Instrument
JD79113-1.8	GCMS1E	Camille Fiumara	12/22/23 12:58	Unload from Instrument
JD79113-1.8	Camille Fiumara	Secured Storage	12/22/23 12:58	Return to Storage
JD79113-1.9	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.10	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.10	Secured Storage	Camille Fiumara	12/20/23 15:44	Retrieve from Storage
JD79113-1.10	Camille Fiumara	GCMS1K	12/20/23 15:44	Load on Instrument
JD79113-1.10	GCMS1K	Kinjal Desai	12/29/23 09:51	Unload from Instrument
JD79113-1.11	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage

SGS Internal Chain of Custody

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY
Received: 12/19/23

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD79113-1.12	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage
JD79113-1.13	Erica Aanestad	Secured Storage	12/19/23 13:17	Return to Storage

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K391-MB	1K14356.D	1	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	

Method Blank Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K391-MB	1K14356.D	1	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Result	RL	MDL	Units	Q
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	98%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.01	7.3	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8774-MB	1E179184.D	1	12/21/23	NW	n/a	n/a	V1E8774

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	80-120%
17060-07-0	1,2-Dichloroethane-D4	108%	80-120%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	107%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.94	33	ug/l	J
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K391-BS	1K14352.D	1	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	228	114	27-175
71-43-2	Benzene	50	42.5	85	80-115
74-97-5	Bromochloromethane	50	52.3	105	83-122
75-27-4	Bromodichloromethane	50	42.6	85	82-119
75-25-2	Bromoform	50	43.1	86	77-135
74-83-9	Bromomethane	50	105	210* [a]	40-162
78-93-3	2-Butanone (MEK)	200	213	107	61-150
75-15-0	Carbon disulfide	50	43.1	86	64-130
56-23-5	Carbon tetrachloride	50	43.6	87	75-127
108-90-7	Chlorobenzene	50	45.5	91	80-115
75-00-3	Chloroethane	50	73.0	146* [a]	56-144
67-66-3	Chloroform	50	42.0	84	75-116
74-87-3	Chloromethane	50	43.1	86	41-153
110-82-7	Cyclohexane	50	45.9	92	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	46.6	93	69-134
124-48-1	Dibromochloromethane	50	49.0	98	81-123
106-93-4	1,2-Dibromoethane	50	47.0	94	67-138
95-50-1	1,2-Dichlorobenzene	50	46.5	93	81-117
541-73-1	1,3-Dichlorobenzene	50	45.8	92	81-115
106-46-7	1,4-Dichlorobenzene	50	45.7	91	80-114
75-71-8	Dichlorodifluoromethane	50	58.5	117	43-152
75-34-3	1,1-Dichloroethane	50	44.3	89	75-125
107-06-2	1,2-Dichloroethane	50	42.4	85	73-117
75-35-4	1,1-Dichloroethene	50	44.7	89	70-124
156-60-5	trans-1,2-Dichloroethene	50	46.5	93	77-121
78-87-5	1,2-Dichloropropane	50	42.5	85	79-121
10061-01-5	cis-1,3-Dichloropropene	50	43.1	86	83-123
10061-02-6	trans-1,3-Dichloropropene	50	43.6	87	83-122
100-41-4	Ethylbenzene	50	41.5	83	78-116
76-13-1	Freon 113	50	46.8	94	68-134
591-78-6	2-Hexanone	200	185	93	66-136
98-82-8	Isopropylbenzene	50	45.5	91	78-121
79-20-9	Methyl Acetate	50	48.7	97	60-143
108-87-2	Methylcyclohexane	50	44.3	89	71-123
1634-04-4	Methyl Tert Butyl Ether	50	47.2	94	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	181	91	73-134

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K391-BS	1K14352.D	1	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-09-2	Methylene chloride	50	44.0	88	73-123
100-42-5	Styrene	50	46.1	92	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	46.9	94	73-126
127-18-4	Tetrachloroethene	50	43.8	88	73-119
108-88-3	Toluene	50	43.5	87	79-116
87-61-6	1,2,3-Trichlorobenzene	50	47.1	94	63-137
120-82-1	1,2,4-Trichlorobenzene	50	45.9	92	68-135
71-55-6	1,1,1-Trichloroethane	50	47.5	95	76-124
79-00-5	1,1,2-Trichloroethane	50	44.6	89	83-117
79-01-6	Trichloroethene	50	45.8	92	80-118
75-69-4	Trichlorofluoromethane	50	77.7	155* [a]	67-134
75-01-4	Vinyl chloride	50	49.7	99	52-146
	m,p-Xylene	100	89.3	89	79-119
95-47-6	o-Xylene	50	46.0	92	81-119
1330-20-7	Xylene (total)	150	135	90	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	98%	82-114%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8774-BS	1E179180.D	1	12/21/23	NW	n/a	n/a	V1E8774

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethene	50	50.7	101	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	80-120%
17060-07-0	1,2-Dichloroethane-D4	107%	80-120%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	108%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD78872-5MS	1K14378.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5MSD	1K14380.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5 [a]	1K14366.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5	1K14382.D	5000	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	JD78872-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		100000	69500	70	100000	70000	70	1	22-134/19
71-43-2	Benzene	ND		25000	21900	88	25000	22700	91	4	49-137/12
74-97-5	Bromochloromethane	ND		25000	26400	106	25000	26800	107	2	78-122/12
75-27-4	Bromodichloromethane	ND		25000	21800	87	25000	22200	89	2	76-121/12
75-25-2	Bromoform	ND		25000	21800	87	25000	22400	90	3	70-133/13
74-83-9	Bromomethane	ND		25000	48100	192* [b]	25000	57100	228* [b]	17	27-164/38
78-93-3	2-Butanone (MEK)	ND		100000	87800	88	100000	89100	89	1	52-137/17
75-15-0	Carbon disulfide	ND		25000	22300	89	25000	23000	92	3	54-136/16
56-23-5	Carbon tetrachloride	ND		25000	22600	90	25000	23400	94	3	70-132/13
108-90-7	Chlorobenzene	ND		25000	23200	93	25000	23600	94	2	68-123/12
75-00-3	Chloroethane	ND		25000	34700	139	25000	35800	143	3	48-152/17
67-66-3	Chloroform	ND		25000	21300	85	25000	21300	85	0	68-120/13
74-87-3	Chloromethane	ND		25000	21900	88	25000	22700	91	4	35-156/18
110-82-7	Cyclohexane	ND		25000	22200	89	25000	22800	91	3	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		25000	22800	91	25000	23700	95	4	63-134/16
124-48-1	Dibromochloromethane	ND		25000	25000	100	25000	25400	102	2	75-122/12
106-93-4	1,2-Dibromoethane	ND		25000	23900	96	25000	23700	95	1	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		25000	23100	92	25000	23700	95	3	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		25000	23100	92	25000	23700	95	3	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		25000	22900	92	25000	23500	94	3	72-117/12
75-71-8	Dichlorodifluoromethane	ND		25000	28300	113	25000	29400	118	4	34-163/16
75-34-3	1,1-Dichloroethane	ND		25000	23300	93	25000	23200	93	0	68-129/13
107-06-2	1,2-Dichloroethane	ND		25000	21700	87	25000	21800	87	0	66-120/13
75-35-4	1,1-Dichloroethene	1280		25000	24500	93	25000	24700	94	1	59-133/15
156-60-5	trans-1,2-Dichloroethene	ND		25000	23400	94	25000	24300	97	4	70-125/13
78-87-5	1,2-Dichloropropane	ND		25000	22200	89	25000	22600	90	2	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		25000	22200	89	25000	23000	92	4	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		25000	22300	89	25000	22300	89	0	75-122/12
100-41-4	Ethylbenzene	ND		25000	21300	85	25000	21500	86	1	37-144/12
76-13-1	Freon 113	ND		25000	24000	96	25000	24400	98	2	61-142/14
591-78-6	2-Hexanone	ND		100000	85800	86	100000	86800	87	1	56-132/16
98-82-8	Isopropylbenzene	ND		25000	23500	94	25000	23600	94	0	71-126/13
79-20-9	Methyl Acetate	ND		25000	24200	97	25000	23900	96	1	51-139/18
108-87-2	Methylcyclohexane	ND		25000	23100	92	25000	24200	97	5	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		25000	24000	96	25000	24200	97	1	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		100000	90500	91	100000	91800	92	1	65-135/14

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD78872-5MS	1K14378.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5MSD	1K14380.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5 [a]	1K14366.D	500	12/20/23	LD	n/a	n/a	V1K391
JD78872-5	1K14382.D	5000	12/20/23	LD	n/a	n/a	V1K391

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	JD78872-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-09-2	Methylene chloride	ND		25000	23000	92	25000	23400	94	2	66-125/14
100-42-5	Styrene	ND		25000	23400	94	25000	23600	94	1	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		25000	23300	93	25000	23800	95	2	68-127/14
127-18-4	Tetrachloroethene	ND		25000	22600	90	25000	22900	92	1	58-132/13
108-88-3	Toluene	ND		25000	22200	89	25000	22600	90	2	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		25000	23300	93	25000	23900	96	3	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		25000	23000	92	25000	23600	94	3	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		25000	24800	99	25000	25200	101	2	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		25000	22600	90	25000	22800	91	1	75-120/12
79-01-6	Trichloroethene	32800		25000	46100	53* [b]	25000	47700	60	3	56-136/12
75-69-4	Trichlorofluoromethane	ND		25000	35100	140	25000	36100	144	3	61-145/16
75-01-4	Vinyl chloride	4270		25000	26200	88	25000	27900	95	6	41-156/16
	m,p-Xylene	ND		50000	46200	92	50000	46400	93	0	32-151/12
95-47-6	o-Xylene	ND		25000	23700	95	25000	23900	96	1	50-139/12
1330-20-7	Xylene (total)	ND		75000	69900	93	75000	70300	94	1	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JD78872-5	JD78872-5	Limits
1868-53-7	Dibromofluoromethane	108%	106%	108%	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	98%	96%	80-120%
2037-26-5	Toluene-D8	98%	97%	95%	96%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	98%	96%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Outside in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD79224-4MS	1E179204.D	10	12/21/23	NW	n/a	n/a	V1E8774
JD79224-4MSD	1E179206.D	10	12/21/23	NW	n/a	n/a	V1E8774
JD79224-4	1E179212.D	10	12/21/23	NW	n/a	n/a	V1E8774

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD79113-1

CAS No.	Compound	JD79224-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethene	ND		500	528	106	500	519	104	2	52-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JD79224-4	Limits
1868-53-7	Dibromofluoromethane	88%	88%	89%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	113%	107%	80-120%
2037-26-5	Toluene-D8	101%	101%	100%	80-120%
460-00-4	4-Bromofluorobenzene	109%	108%	108%	82-114%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-BFB
Lab File ID: 1E177437.D
Instrument ID: GCMS1E
Injection Date: 10/26/23
Injection Time: 15:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	18113	19.2		Pass
75	30.0 - 80.0% of mass 95	46376	49.2		Pass
95	Base peak, 100% relative abundance	94195	100.0		Pass
96	5.0 - 9.0% of mass 95	6369	6.76		Pass
173	Less than 2.0% of mass 174	977	1.04	(1.22) [a]	Pass
174	50.0 - 120.0% of mass 95	80123	85.1		Pass
175	5.0 - 9.0% of mass 174	6013	6.38	(7.50) [a]	Pass
176	95.0 - 101.0% of mass 174	77275	82.0	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	5375	5.71	(6.96) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1E8736-IC8736	1E177439.D	10/26/23	16:19	00:57	Initial cal 0.2
V1E8736-IC8736	1E177441.D	10/26/23	16:46	01:24	Initial cal 0.5
V1E8736-IC8736	1E177443.D	10/26/23	17:14	01:52	Initial cal 1
V1E8736-IC8736	1E177445.D	10/26/23	17:41	02:19	Initial cal 2
V1E8736-IC8736	1E177447.D	10/26/23	18:09	02:47	Initial cal 4
V1E8736-IC8736	1E177449.D	10/26/23	18:36	03:14	Initial cal 8
V1E8736-IC8736	1E177451.D	10/26/23	19:03	03:41	Initial cal 20
V1E8736-ICC8736	1E177453.D	10/26/23	19:31	04:09	Initial cal 50
V1E8736-IC8736	1E177455.D	10/26/23	19:58	04:36	Initial cal 100
V1E8736-IC8736	1E177457.D	10/26/23	20:26	05:04	Initial cal 200
V1E8736-ICV8736	1E177463.D	10/26/23	21:48	06:26	Initial cal verification 50
V1E8736-ICV8736	1E177465.D	10/26/23	22:15	06:53	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8773-BFB
Lab File ID: 1E179124.D
Instrument ID: GCMS1E
Injection Date: 12/20/23
Injection Time: 10:20

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	21904	24.4		Pass
75	30.0 - 60.0% of mass 95	42608	47.5		Pass
95	Base peak, 100% relative abundance	89701	100.0		Pass
96	5.0 - 9.0% of mass 95	6547	7.30		Pass
173	Less than 2.0% of mass 174	331	0.37	(0.48) [a]	Pass
174	50.0 - 120.0% of mass 95	68843	76.7		Pass
175	5.0 - 9.0% of mass 174	5191	5.79	(7.54) [a]	Pass
176	95.0 - 101.0% of mass 174	66723	74.4	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	4392	4.90	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1E8773-CC8736	1E179124.D	12/20/23	10:20	00:00	Continuing cal 20
V1E8773-BS	1E179126.D	12/20/23	11:04	00:44	Blank Spike
V1E8773-MB	1E179130.D	12/20/23	11:58	01:38	Method Blank
ZZZZZZ	1E179132.D	12/20/23	12:25	02:05	(unrelated sample)
ZZZZZZ	1E179134.D	12/20/23	12:52	02:32	(unrelated sample)
ZZZZZZ	1E179138.D	12/20/23	13:47	03:27	(unrelated sample)
ZZZZZZ	1E179140.D	12/20/23	14:14	03:54	(unrelated sample)
ZZZZZZ	1E179142.D	12/20/23	14:41	04:21	(unrelated sample)
JD79101-12	1E179144.D	12/20/23	15:08	04:48	(used for QC only; not part of job JD79113)
ZZZZZZ	1E179148.D	12/20/23	16:20	06:00	(unrelated sample)
JD79101-12MS	1E179152.D	12/20/23	17:14	06:54	Matrix Spike
JD79101-12MSD	1E179154.D	12/20/23	17:41	07:21	Matrix Spike Duplicate
ZZZZZZ	1E179158.D	12/20/23	18:36	08:16	(unrelated sample)
ZZZZZZ	1E179160.D	12/20/23	19:03	08:43	(unrelated sample)
ZZZZZZ	1E179162.D	12/20/23	19:30	09:10	(unrelated sample)
ZZZZZZ	1E179164.D	12/20/23	19:57	09:37	(unrelated sample)
ZZZZZZ	1E179166.D	12/20/23	20:24	10:04	(unrelated sample)
ZZZZZZ	1E179168.D	12/20/23	20:51	10:31	(unrelated sample)
ZZZZZZ	1E179170.D	12/20/23	21:18	10:58	(unrelated sample)
V1E8774-CC8736	1E179178.D	12/21/23	09:01	22:41	Continuing cal 20
V1E8774-BS	1E179180.D	12/21/23	09:57	23:37	Blank Spike
V1E8774-MB	1E179184.D	12/21/23	10:51	24:31	Method Blank

Instrument Performance Check (BFB)

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-BFB
Lab File ID: 1K13669.D
Instrument ID: GCMS1K
Injection Date: 12/02/23
Injection Time: 12:51

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	53701	21.5		Pass
75	30.0 - 60.0% of mass 95	124592	49.8		Pass
95	Base peak, 100% relative abundance	250240	100.0		Pass
96	5.0 - 9.0% of mass 95	16844	6.73		Pass
173	Less than 2.0% of mass 174	1687	0.67	(0.88) [a]	Pass
174	50.0 - 120.0% of mass 95	190683	76.2		Pass
175	5.0 - 9.0% of mass 174	13994	5.59	(7.34) [a]	Pass
176	95.0 - 101.0% of mass 174	181611	72.6	(95.2) [a]	Pass
177	5.0 - 9.0% of mass 176	11779	4.71	(6.49) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1K376-IC376	1K13671.D	12/02/23	13:45	00:54	Initial cal 0.2
V1K376-IC376	1K13673.D	12/02/23	14:17	01:26	Initial cal 0.5
V1K376-IC376	1K13675.D	12/02/23	14:50	01:59	Initial cal 1
V1K376-IC376	1K13677.D	12/02/23	15:22	02:31	Initial cal 2
V1K376-IC376	1K13679.D	12/02/23	15:55	03:04	Initial cal 4
V1K376-IC376	1K13681.D	12/02/23	16:27	03:36	Initial cal 8
V1K376-IC376	1K13683.D	12/02/23	17:00	04:09	Initial cal 20
V1K376-ICC376	1K13685.D	12/02/23	17:32	04:41	Initial cal 50
V1K376-IC376	1K13687.D	12/02/23	18:05	05:14	Initial cal 100
V1K376-IC376	1K13689.D	12/02/23	18:37	05:46	Initial cal 200
V1K376-ICV376	1K13695.D	12/02/23	20:15	07:24	Initial cal verification 50
V1K376-ICV376	1K13697.D	12/02/23	20:48	07:57	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K391-BFB
Lab File ID: 1K14348.D
Instrument ID: GCMS1K
Injection Date: 12/20/23
Injection Time: 09:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	55797	19.3		Pass
75	30.0 - 60.0% of mass 95	138363	47.9		Pass
95	Base peak, 100% relative abundance	288981	100.0		Pass
96	5.0 - 9.0% of mass 95	18178	6.29		Pass
173	Less than 2.0% of mass 174	2593	0.90	(1.13) [a]	Pass
174	50.0 - 120.0% of mass 95	230379	79.7		Pass
175	5.0 - 9.0% of mass 174	17199	5.95	(7.47) [a]	Pass
176	95.0 - 101.0% of mass 174	222784	77.1	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	14768	5.11	(6.63) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1K391-CC376	1K14348.D	12/20/23	09:38	00:00	Continuing cal 20
V1K391-CC376	1K14350.D	12/20/23	10:25	00:47	Continuing cal 1
V1K391-BS	1K14352.D	12/20/23	10:58	01:20	Blank Spike
V1K391-MB	1K14356.D	12/20/23	12:03	02:25	Method Blank
ZZZZZZ	1K14358.D	12/20/23	12:36	02:58	(unrelated sample)
ZZZZZZ	1K14360.D	12/20/23	13:08	03:30	(unrelated sample)
ZZZZZZ	1K14362.D	12/20/23	13:41	04:03	(unrelated sample)
ZZZZZZ	1K14364.D	12/20/23	14:13	04:35	(unrelated sample)
JD78872-5	1K14366.D	12/20/23	14:46	05:08	(used for QC only; not part of job JD79113)
ZZZZZZ	1K14368.D	12/20/23	15:18	05:40	(unrelated sample)
JD79113-1	1K14370.D	12/20/23	15:51	06:13	MW-12-121423
ZZZZZZ	1K14372.D	12/20/23	16:23	06:45	(unrelated sample)
ZZZZZZ	1K14374.D	12/20/23	16:56	07:18	(unrelated sample)
ZZZZZZ	1K14376.D	12/20/23	17:28	07:50	(unrelated sample)
JD78872-5MS	1K14378.D	12/20/23	18:01	08:23	Matrix Spike
JD78872-5MSD	1K14380.D	12/20/23	18:34	08:56	Matrix Spike Duplicate
JD78872-5	1K14382.D	12/20/23	19:06	09:28	(used for QC only; not part of job JD79113)
ZZZZZZ	1K14384.D	12/20/23	19:39	10:01	(unrelated sample)
ZZZZZZ	1K14386.D	12/20/23	20:11	10:33	(unrelated sample)
ZZZZZZ	1K14388.D	12/20/23	20:44	11:06	(unrelated sample)
V1K392-CC376	1K14396.D	12/20/23	22:53	13:15	Continuing cal 50
V1K392-CC376	1K14397.D	12/20/23	23:19	13:41	Continuing cal 1
V1K392-BS	1K14398.D	12/20/23	23:44	14:06	Blank Spike
V1K392-MB	1K14400.D	12/21/23	00:34	14:56	Method Blank

Instrument Performance Check (BFB)

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample:	V1K391-BFB	**Injection Date:**	12/20/23
Lab File ID:	1K14348.D	**Injection Time:**	09:38
Instrument ID:	GCMS1K		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GP51167-LB23	1K14401.D	12/21/23	01:00	15:22	Leachate Blank
JD79103-2A	1K14402.D	12/21/23	01:25	15:47	(used for QC only; not part of job JD79113)
JD79103-2AMS	1K14403.D	12/21/23	01:51	16:13	Matrix Spike
GP51167-LS23	1K14403.D	12/21/23	01:51	16:13	Leachate Spike
JD79103-2AMSD	1K14404.D	12/21/23	02:16	16:38	Matrix Spike Duplicate
ZZZZZZ	1K14406.D	12/21/23	03:07	17:29	(unrelated sample)
ZZZZZZ	1K14407.D	12/21/23	03:32	17:54	(unrelated sample)
ZZZZZZ	1K14408.D	12/21/23	03:58	18:20	(unrelated sample)
ZZZZZZ	1K14409.D	12/21/23	04:24	18:46	(unrelated sample)
ZZZZZZ	1K14410.D	12/21/23	04:49	19:11	(unrelated sample)
ZZZZZZ	1K14411.D	12/21/23	05:15	19:37	(unrelated sample)
ZZZZZZ	1K14412.D	12/21/23	05:41	20:03	(unrelated sample)
ZZZZZZ	1K14413.D	12/21/23	06:06	20:28	(unrelated sample)
ZZZZZZ	1K14414.D	12/21/23	06:32	20:54	(unrelated sample)
ZZZZZZ	1K14415.D	12/21/23	06:58	21:20	(unrelated sample)
ZZZZZZ	1K14416.D	12/21/23	07:23	21:45	(unrelated sample)
ZZZZZZ	1K14417.D	12/21/23	07:49	22:11	(unrelated sample)

Internal Standard Area Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Check Std:	V1E8774-CC8736	**Injection Date:**	12/21/23
Lab File ID:	1E179178.D	**Injection Time:**	09:01
Instrument ID:	GCMS1E	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	123873	2.08	112209	3.09	218512	3.42	196098	5.52	102241	7.04
Upper Limit [a]	247746	2.58	224418	3.59	437024	3.92	392196	6.02	204482	7.54
Lower Limit [b]	61937	1.58	56105	2.59	109256	2.92	98049	5.02	51121	6.54

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1E8774-BS	136204	2.07	113097	3.09	217996	3.42	198075	5.52	100997	7.04
V1E8774-MB	108928	2.07	109816	3.09	217946	3.42	191005	5.52	100975	7.04
ZZZZZZ	144565	2.07	110958	3.09	217506	3.42	195689	5.52	103466	7.04
JD79113-1	125618	2.07	107763	3.09	213241	3.42	191235	5.52	100353	7.04
ZZZZZZ	112880	2.07	107726	3.09	212182	3.42	192091	5.52	101448	7.04
ZZZZZZ	98848	2.07	106523	3.09	213608	3.42	189673	5.52	99190	7.04
ZZZZZZ	105069	2.07	106993	3.09	213359	3.42	192099	5.52	99558	7.04
ZZZZZZ	101629	2.07	106414	3.09	213666	3.42	190474	5.52	97661	7.04
ZZZZZZ	114347	2.07	105827	3.09	210807	3.42	187908	5.52	98652	7.04
ZZZZZZ	102457	2.07	109744	3.09	208861	3.42	194793	5.52	100665	7.04
ZZZZZZ	96898	2.07	114291	3.09	221658	3.42	203630	5.52	105116	7.04
JD79224-4MS	126919	2.08	113297	3.09	222188	3.42	202894	5.52	104252	7.04
JD79224-4MSD	136511	2.08	116646	3.09	226838	3.42	207168	5.52	108196	7.04
ZZZZZZ	95576	2.07	113832	3.09	223100	3.42	198356	5.52	104693	7.04
JD79224-4	111544	2.07	112566	3.09	222419	3.42	201242	5.52	104873	7.04
ZZZZZZ	105907	2.07	113977	3.09	226469	3.42	203183	5.52	108266	7.04
ZZZZZZ	99815	2.07	113078	3.09	220313	3.42	199757	5.52	104347	7.04
ZZZZZZ	97437	2.07	109599	3.08	219282	3.42	195697	5.52	101783	7.04
ZZZZZZ	105003	2.07	107908	3.09	214756	3.42	192820	5.52	101781	7.04
ZZZZZZ	110636	2.07	114328	3.09	222296	3.42	204869	5.52	105718	7.04
ZZZZZZ	108687	2.07	114710	3.09	223001	3.42	206181	5.52	104460	7.04

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Check Std:	V1K391-CC376	**Injection Date:**	12/20/23
Lab File ID:	1K14348.D	**Injection Time:**	09:38
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	494808	2.05	567775	2.99	1105718	3.27	935915	5.06	449136	6.78
Upper Limit [a]	989616	2.55	1135550	3.49	2211436	3.77	1871830	5.56	898272	7.28
Lower Limit [b]	247404	1.55	283888	2.49	552859	2.77	467958	4.56	224568	6.28

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1K391-BS	524062	2.06	585986	2.99	1160077	3.27	969915	5.06	465857	6.78
V1K391-MB	423638	2.05	559481	2.99	1070958	3.28	925431	5.06	442309	6.78
ZZZZZZ	412353	2.05	533358	2.99	1034375	3.28	916374	5.06	436708	6.78
ZZZZZZ	401736	2.05	537897	2.99	1062670	3.27	931815	5.06	452349	6.78
ZZZZZZ	339225	2.05	514541	2.99	973633	3.28	842963	5.06	402854	6.78
ZZZZZZ	392005	2.05	538590	2.99	1025697	3.28	923159	5.06	441964	6.78
JD78872-5	384144	2.06	526929	2.99	1024711	3.28	913936	5.06	433037	6.78
ZZZZZZ	368720	2.06	522428	2.99	1006854	3.28	898422	5.06	427642	6.78
JD79113-1	394332	2.05	523082	2.99	1015393	3.28	913152	5.06	437729	6.78
ZZZZZZ	410044	2.06	512140	2.99	1000031	3.28	893032	5.06	432675	6.78
ZZZZZZ	375890	2.06	518962	2.99	1003281	3.28	887446	5.06	424897	6.78
ZZZZZZ	343368	2.06	513046	2.99	1009465	3.28	880942	5.06	419851	6.78
JD78872-5MS	507288	2.06	579699	2.99	1140920	3.28	956403	5.06	470499	6.78
JD78872-5MSD	519445	2.06	588585	2.99	1154407	3.28	977317	5.06	472313	6.78
JD78872-5	399682	2.06	570337	2.99	1076257	3.28	924820	5.06	442641	6.78
ZZZZZZ	404119	2.06	562056	2.99	1058409	3.28	911841	5.06	441612	6.78
ZZZZZZ	422948	2.05	549680	2.99	1048521	3.27	909041	5.06	441136	6.78
ZZZZZZ	378884	2.05	538343	2.99	1024685	3.28	881980	5.06	421765	6.78

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Check Std:	V1K391-CC376	**Injection Date:**	12/20/23
Lab File ID:	1K14350.D	**Injection Time:**	10:25
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	476297	2.06	545555	2.99	1063532	3.28	922119	5.06	438606	6.78
Upper Limit [a]	952594	2.56	1091110	3.49	2127064	3.78	1844238	5.56	877212	7.28
Lower Limit [b]	238149	1.56	272778	2.49	531766	2.78	461060	4.56	219303	6.28

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1K391-BS	524062	2.06	585986	2.99	1160077	3.27	969915	5.06	465857	6.78
V1K391-MB	423638	2.05	559481	2.99	1070958	3.28	925431	5.06	442309	6.78
ZZZZZZ	412353	2.05	533358	2.99	1034375	3.28	916374	5.06	436708	6.78
ZZZZZZ	401736	2.05	537897	2.99	1062670	3.27	931815	5.06	452349	6.78
ZZZZZZ	339225	2.05	514541	2.99	973633	3.28	842963	5.06	402854	6.78
ZZZZZZ	392005	2.05	538590	2.99	1025697	3.28	923159	5.06	441964	6.78
JD78872-5	384144	2.06	526929	2.99	1024711	3.28	913936	5.06	433037	6.78
ZZZZZZ	368720	2.06	522428	2.99	1006854	3.28	898422	5.06	427642	6.78
JD79113-1	394332	2.05	523082	2.99	1015393	3.28	913152	5.06	437729	6.78
ZZZZZZ	410044	2.06	512140	2.99	1000031	3.28	893032	5.06	432675	6.78
ZZZZZZ	375890	2.06	518962	2.99	1003281	3.28	887446	5.06	424897	6.78
ZZZZZZ	343368	2.06	513046	2.99	1009465	3.28	880942	5.06	419851	6.78
JD78872-5MS	507288	2.06	579699	2.99	1140920	3.28	956403	5.06	470499	6.78
JD78872-5MSD	519445	2.06	588585	2.99	1154407	3.28	977317	5.06	472313	6.78
JD78872-5	399682	2.06	570337	2.99	1076257	3.28	924820	5.06	442641	6.78
ZZZZZZ	404119	2.06	562056	2.99	1058409	3.28	911841	5.06	441612	6.78
ZZZZZZ	422948	2.05	549680	2.99	1048521	3.27	909041	5.06	441136	6.78
ZZZZZZ	378884	2.05	538343	2.99	1024685	3.28	881980	5.06	421765	6.78

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD79113-1	1K14370.D	108	98	94	98
JD79113-1	1E179188.D	91	111	100	107
JD78872-5MS	1K14378.D	108	96	98	97
JD78872-5MSD	1K14380.D	106	96	97	97
JD79224-4MS	1E179204.D	88	105	101	109
JD79224-4MSD	1E179206.D	88	113	101	108
V1E8774-BS	1E179180.D	88	107	102	108
V1E8774-MB	1E179184.D	91	108	102	107
V1K391-BS	1K14352.D	106	97	98	98
V1K391-MB	1K14356.D	107	100	97	98

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICC8736
Lab FileID: 1E177453.D

Response Factor Report GCMS-E

Method : C:\msdchem\1\methods\m1e8736.m (RTE Integrator)
Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Calibration Files
4 =1E177447.D 0.5 =1E177441.D 8 =1E177449.D 50 =1E177453.D
100 =1E177455.D 1 =1E177443.D 200 =1E177457.D 20 =1E177451.D
2 =1E177445.D 0.2 =1E177439.D = =

Compound	4	0.5	8	50	100	1	200	20	2	0.2	Avg	%RSD
1) I tert butyl alcohol-d9	ISTD											
2) ethanol		0.076	0.067	0.054	0.117	0.055	0.066	0.087			0.074	27.42
	----- Linear regression ----- Coefficient = 0.9935											
	Response Ratio = 0.01410 + 0.05651 *A											
3) tertiary butyl alcohol	1.521	1.629	1.585	1.572	1.563	1.482	1.561	1.572	1.440		1.547	3.70
4) 1,4-dioxane	0.069		0.061	0.075	0.064		0.065	0.075			0.068	8.70
5) I pentafluorobenzene	ISTD											
6) chlorodifluoromethane	0.648		0.682	0.685	0.720	0.723	0.732	0.703	0.702		0.699	3.88
7) dichlorodifluoromethane	0.759		0.781	0.870	0.878		0.899	0.873	0.986		0.864	8.77
8) chloromethane	0.436		0.471	0.507	0.542	0.551	0.551	0.527	0.454		0.505	9.07
9) vinyl chloride	0.570		0.599	0.649	0.663	0.398	0.672	0.672	0.684		0.613	15.61
10) 1,3-butadiene	0.496	0.616	0.502	0.464	0.484	0.604	0.502	0.478	0.596		0.527	11.43
11) bromomethane	0.085		0.111	0.192	0.254		0.363	0.150	0.099		0.179	55.88
	----- Quadratic regression ----- Coefficient = 0.9997											
	Response Ratio = -0.00315 + 0.13892 *A + 0.05637 *A^2											
12) chloroethane	0.322		0.393	0.384	0.395	0.326	0.436	0.374	0.463		0.387	12.50
13) trichlorofluoromethane	0.903	0.811	0.956	1.040	1.091	0.876	1.132	1.039	1.120		0.996	11.49
14) ethyl ether	0.303	0.363	0.338	0.324	0.331	0.280	0.333	0.333	0.338		0.327	7.17
15) acrolein	0.149		0.151	0.127	0.129		0.124	0.132			0.135	8.70
16) freon 113	0.381	0.363	0.440	0.462	0.472	0.429	0.484	0.467	0.457		0.439	9.54
17) 1,1-dichloroethene	0.754	0.760	0.747	0.771	0.804	0.818	0.838	0.770	0.760		0.780	4.08
18) acetone	0.155		0.166	0.138	0.138	0.179	0.140	0.143	0.152		0.151	9.88
19) acetonitrile	0.097		0.098	0.074	0.075		0.075	0.083			0.084	13.27
20) iodomethane												

											0.000	-1.00
21)	carbon disulfide											
	1.337	1.519	1.382	1.375	1.411	1.416	1.442	1.368	1.479		1.414	4.07
22)	methylene chloride											
	0.574	0.714	0.562	0.543	0.555	0.639	0.558	0.569	0.586	0.506	0.581	9.91
23)	methyl acetate											
	0.146		0.153	0.146	0.150	0.139	0.161	0.153	0.161		0.151	5.15
24)	methyl tert butyl ether											
	1.799	1.804	1.844	1.809	1.858	1.906	1.870	1.807	1.948	1.740	1.839	3.26
25)	trans-1,2-dichloroethene											
	0.755	0.678	0.805	0.767	0.783	0.741	0.814	0.782	0.780		0.767	5.24
26)	hexane											
	1.213	1.417	1.217	1.243	1.287	1.326	1.307	1.243	1.360		1.290	5.34
27)	di-isopropyl ether											
	1.736	1.729	1.834	1.828	1.936	1.869	1.944	1.834	1.844	2.004	1.856	4.70
28)	ethyl tert-butyl ether											
	1.899	1.952	1.962	2.033	2.106	1.971	2.120	1.987	2.050	1.838	1.992	4.42
29)	2-butanone											
	0.167		0.178	0.165	0.169	0.147	0.169	0.168	0.166		0.166	5.34
30)	1,1-dichloroethane											
	1.023	1.147	1.049	1.067	1.108	0.982	1.104	1.078	1.084		1.071	4.57
31)	chloroprene											
	0.886	0.959	0.860	0.931	0.983	0.946	1.001	0.899	0.931		0.933	4.90
32)	acrylonitrile											
	0.278		0.292	0.268	0.276	0.228	0.274	0.267	0.233		0.265	8.45
33)	vinyl acetate *This compound fails initial calibration criteria.*											
	0.138		0.133	0.128	0.127	0.099	0.115	0.147	0.135		0.128	11.70
34)	ethyl acetate											
	0.088		0.096	0.107	0.106		0.105	0.101	0.084		0.098	9.53
35)	2,2-dichloropropane											
	0.849	0.965	0.877	0.898	0.900	0.898	0.925	0.872	0.914		0.900	3.72
36)	cis-1,2-dichloroethene											
	0.646	0.632	0.672	0.674	0.688	0.632	0.684	0.680	0.714		0.669	4.11
37)	propionitrile											
	0.148		0.151	0.132	0.136	0.146	0.139	0.140	0.141		0.142	4.39
38)	methyl acrylate											
	0.140		0.163	0.154	0.166		0.162	0.163	0.125		0.153	10.07
39)	bromochloromethane											
	0.345	0.306	0.363	0.343	0.334	0.369	0.326	0.349	0.352		0.343	5.55
40)	tetrahydrofuran											
	0.130		0.139	0.128	0.134	0.109	0.134	0.126	0.124		0.128	7.11
41)	chloroform											
	0.311		0.306	0.304	0.332	0.391	0.333	0.297	0.356		0.329	9.74
42)	dibromofluoromethane (s)											
	0.661	0.701	0.659	0.650	0.641	0.693	0.635	0.653	0.671	0.713	0.668	3.94
43)	methacrylonitrile											
	0.361		0.371	0.360	0.364		0.361	0.377	0.435		0.375	7.20
44)	1,1,1-trichloroethane											
	1.010	0.950	1.019	1.060	1.091	1.006	1.119	1.050	1.100		1.045	5.17
45)	cyclohexane											
	0.820	0.773	0.876	0.963	0.981	0.760	0.979	0.969	1.003		0.903	10.71
46)	1,1-dichloropropene											
	0.796	0.778	0.803	0.850	0.876	0.768	0.881	0.844	0.831		0.825	4.99
47)	carbon tetrachloride											
	0.912	0.991	0.922	0.958	1.000	1.013	1.019	0.944	1.001	1.024	0.978	4.20
48)	isobutyl alcohol											
	0.047		0.044	0.035	0.035		0.036	0.035			0.039	13.47
49)	tert-amyl alcohol											
	0.041		0.046	0.040	0.041	0.046	0.046	0.041	0.046		0.043	6.40

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICC8736
Lab FileID: 1E177453.D

50) I 1,4-difluorobenzene ----------ISTD----------
51) 1,2-dichloroethane-d4 (s)
0.333 0.335 0.338 0.344 0.356 0.339 0.372 0.346 0.338 0.332 0.343 3.57
52) iso-octane
0.873 0.824 0.893 0.975 1.022 0.900 1.052 0.966 0.917 0.936 7.88
53) benzene
1.127 1.154 1.138 1.191 1.211 1.165 1.213 1.174 1.167 0.854 1.139 9.14
54) tert-amyl methyl ether
0.944 0.924 0.938 0.977 1.010 0.935 1.024 0.978 0.929 0.761 0.942 7.70
55) heptane
0.153 0.167 0.191 0.191 0.157 0.194 0.179 0.168 0.175 9.16
56) isopropyl acetate
0.102 0.103 0.108 0.112 0.088 0.113 0.109 0.087 0.103 9.84
57) 1,2-dichloroethane
0.448 0.503 0.444 0.455 0.479 0.431 0.497 0.450 0.479 0.465 5.43
58) n-butyl alcohol
0.013 0.011 0.011 0.011 0.012 0.012 0.011 0.012 0.011 6.89
59) ethyl acrylate
0.521 0.534 0.544 0.578 0.514 0.600 0.530 0.494 0.539 6.42
60) trichloroethene
0.330 0.307 0.350 0.380 0.381 0.317 0.393 0.362 0.327 0.350 8.90
61) 2-nitropropane
0.179 0.162 0.158 0.181 0.196 0.147 0.184 0.173 9.89
62) 2-chloroethyl vinyl ether
0.188 0.197 0.209 0.215 0.142 0.214 0.207 0.173 0.193 13.03
63) methyl methacrylate
0.116 0.121 0.122 0.126 0.096 0.130 0.122 0.120 0.119 8.47
64) 1,2-dichloropropane
0.301 0.260 0.309 0.310 0.323 0.278 0.326 0.303 0.286 0.300 7.14
65) methylcyclohexane
0.230 0.236 0.260 0.263 0.236 0.270 0.256 0.233 0.248 6.41
66) dibromomethane
0.207 0.214 0.221 0.226 0.224 0.232 0.222 0.227 0.222 3.57
67) bromodichloromethane
0.434 0.416 0.434 0.452 0.478 0.440 0.501 0.454 0.427 0.361 0.440 8.47
68) epichlorohydrin
0.055 0.056 0.052 0.053 0.049 0.057 0.052 0.055 0.053 4.54
69) cis-1,3-dichloropropene
0.491 0.486 0.502 0.546 0.564 0.454 0.574 0.522 0.504 0.516 7.58
70) 4-methyl-2-pentanone
0.178 0.153 0.179 0.186 0.192 0.161 0.196 0.184 0.175 0.178 7.90
71) 3-methyl-1-butanol
0.014 0.012 0.013 0.013 0.013 0.012 0.015 0.013 0.013 0.013 5.98

72) I chlorobenzene-d5 ----------ISTD----------
73) toluene-d8 (s)
1.253 1.243 1.249 1.246 1.261 1.253 1.258 1.250 1.238 1.251 1.250 0.55
74) toluene
0.802 0.800 0.844 0.857 0.878 0.784 0.888 0.854 0.844 0.728 0.828 5.91
75) ethyl methacrylate
0.467 0.475 0.478 0.499 0.518 0.480 0.523 0.501 0.464 0.489 4.39
76) trans-1,3-dichloropropene
0.553 0.462 0.539 0.565 0.594 0.540 0.600 0.555 0.533 0.479 0.542 8.08
77) 1,1,2-trichloroethane
0.278 0.285 0.279 0.284 0.292 0.309 0.288 0.281 0.288 0.287 3.27
78) tetrachloroethene
0.383 0.348 0.376 0.403 0.407 0.399 0.413 0.390 0.407 0.392 5.20
79) 2-hexanone
0.238 0.215 0.242 0.243 0.250 0.221 0.248 0.242 0.249 0.239 5.21
80) 1,3-dichloropropane

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      0.559 0.490 0.563 0.560 0.584 0.578 0.581 0.558 0.550        0.558    5.04
 81)  butyl acetate
      0.277 0.265 0.273 0.288 0.309 0.281 0.308 0.288 0.285        0.286    5.16
 82)  dibromochloromethane
      0.418 0.407 0.392 0.428 0.449 0.432 0.458 0.425 0.441        0.428    4.80
 83)  1,2-dibromoethane
      0.361 0.345 0.381 0.381 0.391 0.359 0.394 0.383 0.359        0.373    4.54
 84)  n-butyl ether
      1.333 1.224 1.363 1.455 1.497 1.237 1.483 1.429 1.350 1.264  1.364    7.38
 85)  chlorobenzene
      0.946 0.931 0.968 0.994 1.018 0.930 1.022 0.983 0.984 0.895  0.967    4.23
 86)  1,1,1,2-tetrachloroethane
      0.383 0.325 0.363 0.384 0.401 0.351 0.406 0.386 0.374        0.375    6.77
 87)  ethylbenzene
      1.547 1.597 1.595 1.674 1.708 1.584 1.714 1.653 1.578 1.289  1.594    7.63
 88)  m,p-xylene
      0.613 0.629 0.634 0.651 0.667 0.598 0.654 0.653 0.665 0.487  0.625    8.54
 89)  o-xylene
      0.606 0.611 0.612 0.649 0.660 0.587 0.657 0.644 0.628 0.536  0.619    6.11
 90)  styrene
      0.985 1.004 1.011 1.068 1.099 0.978 1.097 1.056 1.025        1.036    4.43
 91)  bromoform
      0.305 0.292 0.315 0.321 0.339 0.282 0.344 0.314 0.301        0.313    6.53
 92)  butyl acrylate
      0.744 0.704 0.741 0.797 0.843 0.686 0.846 0.772 0.776 0.769  0.768    6.84
 93)  isopropylbenzene
      1.402 1.448 1.476 1.574 1.620 1.333 1.610 1.564 1.483        1.501    6.55
 94)  cis-1,4-dichloro-2-butene
      0.189       0.193 0.225 0.248 0.184 0.249 0.205 0.194        0.211   12.47

 95) I   1,4-dichlorobenzene-d ----------------ISTD---------------------
 96)  4-bromofluorobenzene (s)
      0.884 0.879 0.868 0.903 0.946 0.868 0.954 0.895 0.874 0.879  0.895    3.48
 97)  bromobenzene
      0.798 0.653 0.752 0.798 0.825 0.718 0.838 0.805 0.746 0.698  0.763    7.87
 98)  1,1,2,2-tetrachloroethane
      0.898 0.869 0.922 0.918 0.972 0.881 0.959 0.936 0.925 0.888  0.917    3.62
 99)  trans-1,4-dichloro-2-butene
      0.267       0.280 0.336 0.362       0.371 0.315 0.281        0.316   13.23
100)  1,2,3-trichloropropane
      0.332       0.336 0.341 0.348 0.300 0.354 0.343 0.351        0.338    5.04
101)  n-propylbenzene
      3.263 3.080 3.266 3.558 3.722 3.050 3.677 3.519 3.310        3.383    7.30
102)  2-chlorotoluene
      0.702 0.677 0.691 0.735 0.765 0.670 0.758 0.724 0.721        0.716    4.69
103)  4-chlorotoluene
      2.133 2.096 2.096 2.247 2.350 1.954 2.337 2.198 2.156        2.174    5.78
104)  1,3,5-trimethylbenzene
      2.472 2.196 2.340 2.601 2.706 2.246 2.645 2.556 2.308        2.452    7.58
105)  tert-butylbenzene
      2.056 1.890 2.089 2.213 2.293 1.903 2.276 2.212 2.077        2.112    7.06
106)  1,2,4-trimethylbenzene
      2.460 2.183 2.566 2.737 2.831 2.287 2.813 2.663 2.512 2.211  2.526    9.50
107)  sec-butylbenzene
      2.915 2.666 2.856 3.168 3.263 2.623 3.203 3.104 2.922        2.969    7.79
108)  1,3-dichlorobenzene
      1.491 1.335 1.490 1.537 1.591 1.380 1.586 1.531 1.449 1.231  1.462    7.91
109)  p-isopropyltoluene
      2.549 2.253 2.535 2.775 2.886 2.188 2.848 2.747 2.486 2.053  2.532   11.46
110)  1,4-dichlorobenzene
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```
       1.551 1.600 1.513 1.561 1.604 1.518 1.580 1.542 1.548        1.557    2.08
111)  1,2-dichlorobenzene
       1.477 1.394 1.477 1.491 1.522 1.448 1.499 1.466 1.458 1.327  1.456    3.90
112)  1,2,3-trimethylbenzene
       2.595 2.488 2.619 2.755 2.844 2.430 2.789 2.744 2.665 2.132  2.606    8.14
113)  n-butylbenzene
       0.563 0.485 0.612 0.659 0.682 0.543 0.672 0.654 0.590        0.607   11.04
114)  1,2-dibromo-3-chloropropane
       0.323       0.314 0.315 0.331 0.287 0.330 0.324 0.319        0.318    4.36
115)  1,3,5-trichlorobenzene
       0.994 0.909 0.992 1.057 1.068 0.946 1.054 1.054 0.989 0.899  0.996    6.29
116)  1,2,4-trichlorobenzene
       0.913 0.873 0.918 0.975 0.995 0.913 0.973 0.980 0.911        0.939    4.50
117)  hexachlorobutadiene
       0.347       0.334 0.359 0.358 0.252 0.364 0.360 0.321        0.337   11.04
118)  naphthalene
       3.032 2.877 2.981 3.216 3.289 2.758 3.265 3.165 3.039 3.278  3.090    5.91
119)  1,2,3-trichlorobenzene
       0.896 0.902 0.896 0.913 0.934 0.949 0.917 0.916 0.876 0.708  0.891    7.57
120)  hexachloroethane
       0.421 0.397 0.425 0.495 0.541 0.418 0.547 0.471 0.437        0.461   12.01
121)  benzyl chloride
       0.388 0.330 0.382 0.397 0.426 0.371 0.416 0.398 0.374        0.387    7.19
122)  2-methylnaphthalene
       1.325 1.355 1.305 1.356 1.392 1.194 1.430 1.361 1.400        1.346    5.10
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           m1e8736.m         Mon Oct 30 11:21:09 2023
```

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177463.D

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\VE8736\1E177463.D Vial: 35
Acq On : 26 Oct 2023 09:48 pm Operator: louied
Sample : icv8736-50 Inst : GCMS-E
Misc : MS73856,V1E8736,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : D:\MassHunter\GC...ethods\m1e8736.m (RTE Integrator)
Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Fri Oct 27 17:48:05 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	107	0.00	2.07
			True	Calc.	% Drift			
2		ethanol	5000.000	4906.304	1.9	91	0.00	1.65
			AvgRF	CCRF	% Dev			
3	M	tertiary butyl alcohol	1.547	1.543	0.3	105	0.00	2.11
4		1,4-dioxane	0.068	0.065	4.4	93	0.00	3.92
5	I	pentafluorobenzene	1.000	1.000	0.0	111	0.00	3.09
6		chlorodifluoromethane		NA				
7		dichlorodifluoromethane	0.864	0.683	20.9	87	0.00	1.05
8		chloromethane	0.505	0.406	19.6	89	0.00	1.17
9		vinyl chloride	0.613	0.575	6.2	98	0.00	1.19
10		1,3-butadiene	0.527	0.391	25.8	94	0.00	1.20
			True	Calc.	% Drift			
11		bromomethane	50.000	55.180	-10.4	126	0.00	1.35
			AvgRF	CCRF	% Dev			
12		chloroethane	0.387	0.340	12.1	98	0.00	1.41
13		trichlorofluoromethane	0.996	0.928	6.8	99	0.00	1.47
14		ethyl ether	0.327	0.318	2.8	109	0.00	1.60
15		acrolein	0.135	0.132	2.2	115	0.00	1.85
16		freon 113	0.439	0.419	4.6	101	0.00	1.71
17		1,1-dichloroethene	0.780	0.776	0.5	112	0.00	1.70
18		acetone	0.151	0.122	19.2	98	0.00	1.98
19		acetonitrile	0.084	0.070	16.7	105	0.00	2.20
20		iodomethane		NA				
21		carbon disulfide	1.414	1.346	4.8	109	0.00	1.73
22		methylene chloride	0.581	0.516	11.2	105	0.00	1.96
23		methyl acetate	0.151	0.148	2.0	113	0.00	2.03
24		methyl tert butyl ether	1.839	1.787	2.8	110	0.00	2.08
25		trans-1,2-dichloroethene	0.767	0.732	4.6	106	0.00	2.04
26		hexane	1.290	1.142	11.5	102	0.00	2.07
27		di-isopropyl ether	1.856	1.775	4.4	108	0.00	2.26
28		ethyl tert-butyl ether	1.992	1.892	5.0	103	0.00	2.44
29		2-butanone	0.166	0.157	5.4	106	0.00	2.90
30	M	1,1-dichloroethane	1.071	1.024	4.4	106	0.00	2.34
31		chloroprene	0.933	0.901	3.4	107	0.00	2.32
32		acrylonitrile	0.265	0.258	2.6	107	0.00	2.35
33		vinyl acetate	0.128	0.082	35.9#	72	0.00	2.44

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177463.D

34		ethyl acetate	0.098	0.098	0.0	102	0.00	2.79
35		2,2-dichloropropane	0.900	0.824	8.4	102	0.00	2.66
36		cis-1,2-dichloroethene	0.669	0.641	4.2	105	0.00	2.61
37		propionitrile	0.142	0.120	15.5	101	0.00	3.07
38		methyl acrylate	0.153	0.149	2.6	108	0.00	2.80
39		bromochloromethane	0.343	0.325	5.2	105	0.00	2.71
40		tetrahydrofuran	0.128	0.125	2.3	108	0.00	2.83
41		chloroform	0.329	0.301	8.5	110	0.00	2.74
42	S	dibromofluoromethane (s)	0.668	0.601	10.0	103	0.00	2.84
43		methacrylonitrile	0.375	0.343	8.5	106	0.00	3.08
44		1,1,1-trichloroethane	1.045	0.974	6.8	102	0.00	2.87
45		cyclohexane	0.903	0.886	1.9	102	0.00	2.72
46		1,1-dichloropropene	0.825	0.804	2.5	105	0.00	2.93
47		carbon tetrachloride	0.978	0.901	7.9	104	0.00	2.83
48		isobutyl alcohol	0.039	0.032	17.9	101	0.00	3.15
49		tert-amyl alcohol	0.043	0.039	9.3	107	0.00	3.22
50	I	1,4-difluorobenzene	1.000	1.000	0.0	107	0.00	3.43
51	S	1,2-dichloroethane-d4 (s)	0.343	0.364	-6.1	113	0.00	3.14
52		iso-octane	0.936	0.929	0.7	102	0.00	2.99
53	M	benzene	1.139	1.180	-3.6	106	0.00	3.07
54		tert-amyl methyl ether	0.942	0.934	0.8	102	0.00	3.12
55		heptane	0.175	0.178	-1.7	100	0.00	3.04
56		isopropyl acetate	0.103	0.104	-1.0	103	0.00	3.31
57		1,2-dichloroethane	0.465	0.450	3.2	105	0.00	3.18
58		n-butyl alcohol	0.011	0.011	0.0	107	0.00	3.59
59		ethyl acrylate	0.539	0.539	0.0	106	0.00	3.74
60		trichloroethene	0.350	0.378	-8.0	106	0.00	3.42
61		2-nitropropane	0.173	0.171	1.2	115	0.00	4.56
62		2-chloroethyl vinyl ether	0.193	0.226	-17.1	116	0.00	4.17
63		methyl methacrylate	0.119	0.121	-1.7	106	0.00	3.88
64		1,2-dichloropropane	0.300	0.311	-3.7	107	0.00	3.75
65		methylcyclohexane	0.248	0.257	-3.6	105	0.00	3.42
66		dibromomethane	0.222	0.216	2.7	104	0.00	3.68
67		bromodichloromethane	0.440	0.450	-2.3	106	0.00	3.78
68		epichlorohydrin	0.053	0.050	5.7	102	0.00	4.40
69		cis-1,3-dichloropropene	0.516	0.531	-2.9	104	0.00	4.22
70		4-methyl-2-pentanone	0.178	0.183	-2.8	105	0.00	4.68
71		3-methyl-1-butanol	0.013	0.013	0.0	106	0.00	4.51
72	I	chlorobenzene-d5	1.000	1.000	0.0	106	0.00	5.52
73	S	toluene-d8 (s)	1.250	1.235	1.2	105	0.00	4.36
74		toluene	0.828	0.843	-1.8	104	0.00	4.40
75		ethyl methacrylate	0.489	0.500	-2.2	106	0.00	4.84
76		trans-1,3-dichloropropene	0.542	0.561	-3.5	105	0.00	4.71
77		1,1,2-trichloroethane	0.287	0.281	2.1	105	0.00	4.83
78		tetrachloroethene	0.392	0.725	-84.9#	190	0.00	4.70
79		2-hexanone	0.239	0.231	3.3	101	0.00	5.32
80		1,3-dichloropropane	0.558	0.571	-2.3	108	0.00	5.05
81		butyl acetate	0.286	0.304	-6.3	111	0.00	5.25
82		dibromochloromethane	0.428	0.423	1.2	104	0.00	4.97
83		1,2-dibromoethane	0.373	0.374	-0.3	104	0.00	5.15
84		n-butyl ether	1.364	1.411	-3.4	102	0.00	5.48
85		chlorobenzene	0.967	0.974	-0.7	103	0.00	5.53
86		1,1,1,2-tetrachloroethane	0.375	0.388	-3.5	107	0.00	5.58
87		ethylbenzene	1.594	1.627	-2.1	103	0.00	5.55
88		m,p-xylene	0.625	0.638	-2.1	104	0.00	5.66
89		o-xylene	0.619	0.638	-3.1	104	0.00	5.95
90		styrene	1.036	1.037	-0.1	103	0.00	5.98
91		bromoform	0.313	0.322	-2.9	106	0.00	6.00

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177463.D

92		butyl acrylate	0.768	0.787	-2.5	104	0.00	6.08
93		isopropylbenzene	1.501	1.566	-4.3	105	0.00	6.16
94		cis-1,4-dichloro-2-butene	0.211	0.208	1.4	98	0.00	6.38
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	7.04
96	S	4-bromofluorobenzene (s)	0.895	0.905	-1.1	104	0.00	6.34
97		bromobenzene	0.763	0.796	-4.3	104	0.00	6.41
98		1,1,2,2-tetrachloroethane	0.917	0.881	3.9	100	0.00	6.47
99		trans-1,4-dichloro-2-bute	0.316	0.356	-12.7	110	0.00	6.59
100		1,2,3-trichloropropane	0.338	0.344	-1.8	105	0.00	6.55
101		n-propylbenzene	3.383	3.549	-4.9	104	0.00	6.43
102		2-chlorotoluene	0.716	0.740	-3.4	105	0.00	6.53
103		4-chlorotoluene	2.174	2.239	-3.0	104	0.00	6.63
104		1,3,5-trimethylbenzene	2.452	2.585	-5.4	103	0.00	6.56
105		tert-butylbenzene	2.112	2.224	-5.3	105	0.00	6.76
106		1,2,4-trimethylbenzene	2.526	2.694	-6.7	102	0.00	6.80
107		sec-butylbenzene	2.969	3.133	-5.5	103	0.00	6.87
108		1,3-dichlorobenzene	1.462	1.524	-4.2	103	0.00	7.00
109		p-isopropyltoluene	2.532	2.746	-8.5	103	0.00	6.96
110		1,4-dichlorobenzene	1.557	1.511	3.0	101	0.00	7.05
111		1,2-dichlorobenzene	1.456	1.443	0.9	101	0.00	7.31
112		1,2,3-trimethylbenzene		----------NA----------				
113		n-butylbenzene	0.607	0.650	-7.1	103	0.00	7.21
114		1,2-dibromo-3-chloropropa	0.318	0.322	-1.3	106	0.00	7.78
115		1,3,5-trichlorobenzene	0.996	1.089	-9.3	107	0.00	7.80
116		1,2,4-trichlorobenzene	0.939	0.961	-2.3	103	0.00	8.17
117		hexachlorobutadiene	0.337	0.353	-4.7	102	0.00	8.16
118		naphthalene	3.090	3.167	-2.5	102	0.00	8.36
119		1,2,3-trichlorobenzene	0.891	0.903	-1.3	103	0.00	8.46
120		hexachloroethane	0.461	0.492	-6.7	103	0.00	7.29
121		benzyl chloride	0.387	0.364	5.9	95	0.00	7.20
122		2-methylnaphthalene	1.346	1.301	3.3	100	0.00	8.96

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1E177453.D m1e8736.m Mon Oct 30 10:23:45 2023

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177465.D

Evaluate Continuing Calibration Report

Data File : D:\MassHunter\GCMS\1\data\VE8736\1E177465.D Vial: 37
Acq On : 26 Oct 2023 10:15 pm Operator: louied
Sample : icv8736-50 Inst : GCMS-E
Misc : MS73856,V1E8736,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : D:\MassHunter\GC...ethods\m1e8736.m (RTE Integrator)
Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Fri Oct 27 17:48:05 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	98	0.00	2.08
		---------- True	Calc.	% Drift	----------			
2		ethanol		NA				
		---------- AvgRF	CCRF	% Dev	----------			
3	M	tertiary butyl alcohol		NA				
4		1,4-dioxane		NA				
5	I	pentafluorobenzene	1.000	1.000	0.0	111	0.00	3.09
6		chlorodifluoromethane	0.699	0.678	3.0	110	0.00	1.09
7		dichlorodifluoromethane		NA				
8		chloromethane		NA				
9		vinyl chloride		NA				
10		1,3-butadiene		NA				
		---------- True	Calc.	% Drift	----------			
11		bromomethane		NA				
		---------- AvgRF	CCRF	% Dev	----------			
12		chloroethane		NA				
13		trichlorofluoromethane		NA				
14		ethyl ether		NA				
15		acrolein		NA				
16		freon 113		NA				
17		1,1-dichloroethene		NA				
18		acetone		NA				
19		acetonitrile	0.084	0.085	-1.2	128	0.00	2.21
20		iodomethane		NA				
21		carbon disulfide		NA				
22		methylene chloride		NA				
23		methyl acetate		NA				
24		methyl tert butyl ether		NA				
25		trans-1,2-dichloroethene		NA				
26		hexane		NA				
27		di-isopropyl ether		NA				
28		ethyl tert-butyl ether		NA				
29		2-butanone		NA				
30	M	1,1-dichloroethane		NA				
31		chloroprene		NA				
32		acrylonitrile	0.265	0.258	2.6	107	0.00	2.35
33		vinyl acetate		NA				

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177465.D

34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				
38		methyl acrylate		----------NA----------				
39		bromochloromethane		----------NA----------				
40		tetrahydrofuran		----------NA----------				
41		chloroform		----------NA----------				
42	S	dibromofluoromethane (s)	0.668	0.590	11.7	101	0.00	2.84
43		methacrylonitrile		----------NA----------				
44		1,1,1-trichloroethane		----------NA----------				
45		cyclohexane		----------NA----------				
46		1,1-dichloropropene		----------NA----------				
47		carbon tetrachloride		----------NA----------				
48		isobutyl alcohol		----------NA----------				
49		tert-amyl alcohol		----------NA----------				
50	I	1,4-difluorobenzene	1.000	1.000	0.0	106	0.00	3.43
51	S	1,2-dichloroethane-d4 (s)	0.343	0.335	2.3	103	0.00	3.15
52		iso-octane		----------NA----------				
53	M	benzene		----------NA----------				
54		tert-amyl methyl ether		----------NA----------				
55		heptane		----------NA----------				
56		isopropyl acetate		----------NA----------				
57		1,2-dichloroethane		----------NA----------				
58		n-butyl alcohol		----------NA----------				
59		ethyl acrylate		----------NA----------				
60		trichloroethene		----------NA----------				
61		2-nitropropane		----------NA----------				
62		2-chloroethyl vinyl ether		----------NA----------				
63		methyl methacrylate		----------NA----------				
64		1,2-dichloropropane		----------NA----------				
65		methylcyclohexane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane		----------NA----------				
68		epichlorohydrin		----------NA----------				
69		cis-1,3-dichloropropene		----------NA----------				
70		4-methyl-2-pentanone		----------NA----------				
71		3-methyl-1-butanol		----------NA----------				
72	I	chlorobenzene-d5	1.000	1.000	0.0	101	0.00	5.52
73	S	toluene-d8 (s)	1.250	1.269	-1.5	103	0.00	4.36
74		toluene		----------NA----------				
75		ethyl methacrylate		----------NA----------				
76		trans-1,3-dichloropropene		----------NA----------				
77		1,1,2-trichloroethane		----------NA----------				
78		tetrachloroethene	0.392	0.414	-5.6	104	0.00	4.70
79		2-hexanone		----------NA----------				
80		1,3-dichloropropane		----------NA----------				
81		butyl acetate		----------NA----------				
82		dibromochloromethane		----------NA----------				
83		1,2-dibromoethane		----------NA----------				
84		n-butyl ether		----------NA----------				
85		chlorobenzene		----------NA----------				
86		1,1,1,2-tetrachloroethane		----------NA----------				
87		ethylbenzene		----------NA----------				
88		m,p-xylene		----------NA----------				
89		o-xylene		----------NA----------				
90		styrene		----------NA----------				
91		bromoform		----------NA----------				

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8736-ICV8736
Lab FileID: 1E177465.D

92		butyl acrylate		----------NA----------				
93		isopropylbenzene		----------NA----------				
94		cis-1,4-dichloro-2-butene		----------NA----------				
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	7.04
96	S	4-bromofluorobenzene (s)	0.895	0.872	2.6	99	0.00	6.34
97		bromobenzene		----------NA----------				
98		1,1,2,2-tetrachloroethane		----------NA----------				
99		trans-1,4-dichloro-2-bute		----------NA----------				
100		1,2,3-trichloropropane		----------NA----------				
101		n-propylbenzene		----------NA----------				
102		2-chlorotoluene		----------NA----------				
103		4-chlorotoluene		----------NA----------				
104		1,3,5-trimethylbenzene		----------NA----------				
105		tert-butylbenzene		----------NA----------				
106		1,2,4-trimethylbenzene		----------NA----------				
107		sec-butylbenzene		----------NA----------				
108		1,3-dichlorobenzene		----------NA----------				
109		p-isopropyltoluene		----------NA----------				
110		1,4-dichlorobenzene		----------NA----------				
111		1,2-dichlorobenzene		----------NA----------				
112		1,2,3-trimethylbenzene	2.606	2.889	-10.9	108	0.00	7.07
113		n-butylbenzene		----------NA----------				
114		1,2-dibromo-3-chloropropa		----------NA----------				
115		1,3,5-trichlorobenzene		----------NA----------				
116		1,2,4-trichlorobenzene		----------NA----------				
117		hexachlorobutadiene		----------NA----------				
118		naphthalene		----------NA----------				
119		1,2,3-trichlorobenzene		----------NA----------				
120		hexachloroethane		----------NA----------				
121		benzyl chloride		----------NA----------				
122		2-methylnaphthalene		----------NA----------				

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

1E177453.D m1e8736.m Mon Oct 30 10:26:44 2023

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8774-CC8736
Lab FileID: 1E179178.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\r...23\V1E8774\1E179178.D Vial: 3
Acq On : 21 Dec 2023 09:01 am Operator: NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\m1e8736.m (RTE Integrator)
Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Fri Oct 27 17:48:05 2023
Response via : Multiple Level 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)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	165	0.00	2.08
			True	Calc.	% Drift			
2		ethanol	2000.000	6149.007	-207.5#	442	0.00	1.65
			AvgRF	CCRF	% Dev			
3	M	tertiary butyl alcohol	1.547	1.912	-23.6#	200#	0.00	2.11
4		1,4-dioxane	0.068	0.108	-58.8#	236#	0.00	3.91
5	I	pentafluorobenzene	1.000	1.000	0.0	100	0.00	3.09
6		chlorodifluoromethane	0.699	1.053	-50.6#	149	0.00	1.09
7		dichlorodifluoromethane	0.864	0.654	24.3#	75	0.00	1.05
8		chloromethane	0.505	0.746	-47.7#	141	0.00	1.18
9		vinyl chloride	0.613	0.774	-26.3#	115	0.00	1.19
10		1,3-butadiene	0.527	0.991	-88.0#	207#	0.00	1.20
			True	Calc.	% Drift			
11		bromomethane	20.000	19.161	4.2	97	0.00	1.35
			AvgRF	CCRF	% Dev			
12		chloroethane	0.387	0.421	-8.8	112	0.00	1.41
13		trichlorofluoromethane	0.996	0.864	13.3	83	0.00	1.47
14		ethyl ether	0.327	0.321	1.8	96	0.00	1.61
15		acrolein	0.135	0.174	-28.9#	132	0.00	1.85
16		freon 113	0.439	0.366	16.6	78	0.00	1.72
17		1,1-dichloroethene	0.780	0.889	-14.0	115	0.00	1.71
18		acetone	0.151	0.210	-39.1#	147	0.00	1.98
19		acetonitrile	0.084	0.208	-147.6#	250#	0.00	2.20
20		iodomethane		----------NA----------				
21		carbon disulfide	1.414	1.344	5.0	98	0.00	1.73
22		methylene chloride	0.581	0.534	8.1	94	0.00	1.97
23		methyl acetate	0.151	0.154	-2.0	101	0.00	2.03
24		methyl tert butyl ether	1.839	1.794	2.4	99	0.00	2.08
25		trans-1,2-dichloroethene	0.767	0.939	-22.4#	120	0.00	2.04
26		hexane	1.290	1.637	-26.9#	131	0.00	2.08
27		di-isopropyl ether	1.856	3.025	-63.0#	165	0.00	2.26
28		ethyl tert-butyl ether	1.992	2.533	-27.2#	127	0.00	2.44
29		2-butanone	0.166	0.180	-8.4	107	0.00	2.90
30	M	1,1-dichloroethane	1.071	1.301	-21.5#	120	0.00	2.34
31		chloroprene	0.933	1.301	-39.4#	144	0.00	2.32
32		acrylonitrile	0.265	0.539	-103.4#	201#	0.00	2.36
33		vinyl acetate	0.128	0.052	59.4#	35#	0.00	2.44

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1E8774-CC8736
Lab FileID: 1E179178.D

34		ethyl acetate	0.098	0.114	-16.3	113	0.00	2.79
35		2,2-dichloropropane	0.900	0.636	29.3#	73	0.00	2.66
36		cis-1,2-dichloroethene	0.669	0.667	0.3	98	0.00	2.61
37		propionitrile	0.142	0.272	-91.5#	193	0.00	3.07
38		methyl acrylate	0.153	0.160	-4.6	98	0.00	2.81
39		bromochloromethane	0.343	0.319	7.0	91	0.00	2.71
40		tetrahydrofuran	0.128	0.150	-17.2	119	0.00	2.83
41		chloroform	0.329	0.374	-13.7	126	0.00	2.74
42	S	dibromofluoromethane (s)	0.668	0.579	13.3	88	0.00	2.84
43		methacrylonitrile	0.375	0.430	-14.7	114	0.00	3.08
44		1,1,1-trichloroethane	1.045	0.950	9.1	90	0.00	2.87
45		cyclohexane	0.903	0.968	-7.2	100	0.00	2.72
46		1,1-dichloropropene	0.825	0.849	-2.9	100	0.00	2.93
47		carbon tetrachloride	0.978	0.838	14.3	89	0.00	2.83
48		isobutyl alcohol	0.039	0.084	-115.4#	237#	0.00	3.15
49		tert-amyl alcohol	0.043	0.109	-153.5#	265#	0.00	3.22
50	I	1,4-difluorobenzene	1.000	1.000	0.0	95	0.00	3.42
51	S	1,2-dichloroethane-d4 (s)	0.343	0.381	-11.1	104	0.00	3.15
52		iso-octane	0.936	1.141	-21.9#	112	0.00	2.99
53	M	benzene	1.139	1.266	-11.2	102	0.00	3.07
54		tert-amyl methyl ether	0.942	0.956	-1.5	93	0.00	3.12
55		heptane	0.175	0.218	-24.6#	115	0.00	3.04
56		isopropyl acetate	0.103	0.104	-1.0	91	0.00	3.31
57		1,2-dichloroethane	0.465	0.541	-16.3	114	0.00	3.18
58		n-butyl alcohol	0.011	0.029	-163.6#	256#	0.00	3.58
59		ethyl acrylate	0.539	0.804	-49.2#	144	0.00	3.74
60		trichloroethene	0.350	0.372	-6.3	98	0.00	3.41
61		2-nitropropane	0.173	0.195	-12.7	126	0.00	4.56
62		2-chloroethyl vinyl ether	0.193	0.261	-35.2#	120	0.00	4.17
63		methyl methacrylate	0.119	0.120	-0.8	93	0.00	3.88
64		1,2-dichloropropane	0.300	0.395	-31.7#	123	0.00	3.74
65		methylcyclohexane	0.248	0.249	-0.4	92	0.00	3.42
66		dibromomethane	0.222	0.222	0.0	95	0.00	3.68
67		bromodichloromethane	0.440	0.449	-2.0	94	0.00	3.78
68		epichlorohydrin	0.053	0.087	-64.2#	159	0.00	4.40
69		cis-1,3-dichloropropene	0.516	0.512	0.8	93	0.00	4.22
70		4-methyl-2-pentanone	0.178	0.285	-60.1#	147	0.00	4.67
71		3-methyl-1-butanol	0.013	0.020	-53.8#	146	0.00	4.51
72	I	chlorobenzene-d5	1.000	1.000	0.0	93	0.00	5.52
73	S	toluene-d8 (s)	1.250	1.270	-1.6	95	0.00	4.36
74		toluene	0.828	0.879	-6.2	96	0.00	4.40
75		ethyl methacrylate	0.489	0.506	-3.5	94	0.00	4.83
76		trans-1,3-dichloropropene	0.542	0.530	2.2	89	0.00	4.71
77		1,1,2-trichloroethane	0.287	0.305	-6.3	101	0.00	4.83
78		tetrachloroethene	0.392	0.363	7.4	87	0.00	4.70
79		2-hexanone	0.239	0.362	-51.5#	140	0.00	5.31
80		1,3-dichloropropane	0.558	0.623	-11.6	104	0.00	5.04
81		butyl acetate	0.286	0.415	-45.1#	134	0.00	5.25
82		dibromochloromethane	0.428	0.380	11.2	83	0.00	4.97
83		1,2-dibromoethane	0.373	0.377	-1.1	92	0.00	5.15
84		n-butyl ether	1.364	2.010	-47.4#	131	0.00	5.47
85		chlorobenzene	0.967	0.972	-0.5	92	0.00	5.53
86		1,1,1,2-tetrachloroethane	0.375	0.354	5.6	86	0.00	5.58
87		ethylbenzene	1.594	1.661	-4.2	94	0.00	5.55
88		m,p-xylene	0.625	0.649	-3.8	93	0.00	5.66
89		o-xylene	0.619	0.618	0.2	89	0.00	5.95
90		styrene	1.036	1.042	-0.6	92	0.00	5.99
91		bromoform	0.313	0.267	14.7	79	0.00	5.99

Continuing Calibration Summary

Job Number: JD79113 **Sample:** V1E8774-CC8736
Account: ERMNYW ERM, Inc. **Lab FileID:** 1E179178.D
Project: Fortive, New Windsor, NY

92		butyl acrylate	0.768	1.042	-35.7#	126	0.00	6.08
93		isopropylbenzene	1.501	1.469	2.1	88	0.00	6.16
94		cis-1,4-dichloro-2-butene	0.211	0.097	54.0#	44#	0.00	6.38
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	90	0.00	7.04
96	S	4-bromofluorobenzene (s)	0.895	0.968	-8.2	97	0.00	6.34
97		bromobenzene	0.763	0.781	-2.4	87	0.00	6.41
98		1,1,2,2-tetrachloroethane	0.917	0.929	-1.3	89	0.00	6.47
99		trans-1,4-dichloro-2-bute	0.316	0.247	21.8#	70	0.00	6.58
100		1,2,3-trichloropropane	0.338	0.356	-5.3	93	0.00	6.55
101		n-propylbenzene	3.383	3.593	-6.2	92	0.00	6.43
102		2-chlorotoluene	0.716	0.712	0.6	88	0.00	6.53
103		4-chlorotoluene	2.174	2.304	-6.0	94	0.00	6.63
104		1,3,5-trimethylbenzene	2.452	2.557	-4.3	90	0.00	6.56
105		tert-butylbenzene	2.112	2.110	0.1	86	0.00	6.76
106		1,2,4-trimethylbenzene	2.526	2.647	-4.8	89	0.00	6.80
107		sec-butylbenzene	2.969	3.035	-2.2	88	0.00	6.87
108		1,3-dichlorobenzene	1.462	1.497	-2.4	88	0.00	6.99
109		p-isopropyltoluene	2.532	2.599	-2.6	85	0.00	6.96
110		1,4-dichlorobenzene	1.557	1.479	5.0	86	0.00	7.05
111		1,2-dichlorobenzene	1.456	1.413	3.0	87	0.00	7.30
112		1,2,3-trimethylbenzene	2.606	2.753	-5.6	90	0.00	7.07
113		n-butylbenzene	0.607	0.578	4.8	79	0.00	7.21
114		1,2-dibromo-3-chloropropa	0.318	0.305	4.1	85	0.00	7.78
115		1,3,5-trichlorobenzene	0.996	0.892	10.4	76	0.00	7.80
116		1,2,4-trichlorobenzene	0.939	0.835	11.1	77	0.00	8.17
117		hexachlorobutadiene	0.337	0.297	11.9	74	0.00	8.16
118		naphthalene	3.090	2.866	7.2	81	0.00	8.36
119		1,2,3-trichlorobenzene	0.891	0.835	6.3	82	0.00	8.46
120		hexachloroethane	0.461	0.428	7.2	82	0.00	7.29
121		benzyl chloride	0.387	0.231	40.3#	52	0.00	7.20
122		2-methylnaphthalene	1.346	0.995	26.1#	66	0.00	8.96

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1E177451.D m1e8736.m Thu Dec 21 17:19:32 2023

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICC376
Lab FileID: 1K13685.D

Response Factor Report GCMS K

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
Last Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Calibration Files
4 =1K13679.D 0.5 =1K13673.D 8 =1K13681.D 50 =1K13685.D
100 =1K13687.D 1 =1K13675.D 200 =1K13689.D 20 =1K13683.D
2 =1K13677.D 0.2 =1K13671.D = =

Compound	4	0.5	8	50	100	1	200	20	2	0.2	Avg	%RSD
1) I tert butyl alcohol-d9	----------ISTD----------											
2) ethanol	0.123	0.132	0.119	0.107	0.101	0.127		0.106	0.118		0.117	9.34
3) tertiary butyl alcohol	1.335	1.455	1.353	1.286	1.299	1.293	1.138	1.244	1.309		1.301	6.52
4) 1,4-dioxane	0.107	0.108	0.107	0.098	0.098	0.098	0.090	0.097	0.106		0.101	6.10
5) I pentafluorobenzene	----------ISTD----------											
6) chlorodifluoromethane	0.626	0.733	0.626	0.614	0.638	0.656	0.647	0.592	0.638	0.651	0.642	5.78
7) dichlorodifluoromethane	0.434	0.332	0.421	0.413	0.434	0.392	0.428	0.408	0.411	0.321	0.399	10.16
8) chloromethane	0.449	0.443	0.432	0.437	0.472	0.429	0.450	0.414	0.423		0.439	3.96
9) vinyl chloride	0.519	0.433	0.520	0.512	0.546	0.502	0.545	0.502	0.467		0.505	7.14
10) 1,3-butadiene	0.476	0.562	0.484	0.480	0.500	0.664	0.507	0.452	0.576		0.522	12.73
11) bromomethane	0.080		0.081	0.094	0.111	0.096	0.110	0.080	0.072		0.090	16.27
12) chloroethane	0.301		0.296	0.233	0.208	0.340		0.263	0.313		0.279	16.75
13) trichlorofluoromethane	0.623	0.603	0.621	0.570	0.502	0.610	0.392	0.579	0.605	0.473	0.558	13.83
14) ethyl ether	0.257	0.260	0.253	0.239	0.225	0.239	0.182	0.242	0.238	0.243	0.238	9.28
15) acrolein	0.112	0.123	0.110	0.118	0.128	0.116	0.133	0.109	0.116		0.118	7.08
16) freon 113	0.323	0.353	0.322	0.316	0.318	0.259	0.273	0.310	0.297	0.294	0.307	8.81
17) 1,1-dichloroethene	0.613	0.628	0.619	0.617	0.655	0.610	0.634	0.591	0.593	0.568	0.613	4.00
18) acetone	0.095		0.096	0.097	0.103	0.102	0.103	0.091	0.100		0.098	4.42
19) acetonitrile	0.088		0.089	0.085	0.079		0.055	0.086	0.088		0.082	14.76
20) iodomethane	0.152		0.186	0.291	0.334		0.338	0.234	0.128		0.238	36.04
----- Quadratic regression -----										Coefficient =	0.9971	
Response Ratio = -0.00992 + 0.29085 *A + 0.01353 *A^2												
21) carbon disulfide	1.139	1.286	1.159	1.150	1.185	1.184	1.144	1.099	1.071		1.157	5.24

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICC376
Lab FileID: 1K13685.D

22) methylene chloride
0.429 0.472 0.444 0.423 0.453 0.448 0.462 0.408 0.436 0.442 4.49
23) methyl acetate
0.110 0.103 0.113 0.124 0.109 0.132 0.105 0.100 0.112 9.65
24) methyl tert butyl ether
1.240 1.334 1.285 1.338 1.419 1.225 1.465 1.213 1.230 1.222 1.297 6.91
25) trans-1,2-dichloroethene
0.400 0.430 0.411 0.405 0.426 0.414 0.440 0.394 0.414 0.397 0.413 3.64
26) hexane
1.029 1.197 1.065 1.104 1.175 1.071 1.219 1.031 1.005 1.100 7.20
27) di-isopropyl ether
1.329 1.386 1.332 1.445 1.603 1.255 1.673 1.330 1.309 1.364 1.403 9.60
28) ethyl tert-butyl ether
1.410 1.374 1.471 1.536 1.676 1.271 1.731 1.415 1.335 1.443 1.466 9.88
29) 2-butanone
0.105 0.100 0.107 0.113 0.120 0.090 0.127 0.105 0.101 0.108 10.22
30) 1,1-dichloroethane
0.802 0.869 0.810 0.814 0.901 0.804 0.920 0.792 0.760 0.705 0.818 7.89
31) chloroprene
0.766 0.710 0.791 0.822 0.879 0.710 0.902 0.765 0.734 0.685 0.777 9.41
32) acrylonitrile
0.201 0.210 0.224 0.228 0.243 0.218 0.262 0.219 0.205 0.224 8.57
33) vinyl acetate
0.107 0.104 0.104 0.116 0.083 0.113 0.097 0.088 0.101 11.34
34) ethyl acetate
0.070 0.073 0.068 0.079 0.051 0.082 0.065 0.069 0.070 13.56
35) 2,2-dichloropropane
0.645 0.678 0.655 0.647 0.693 0.642 0.719 0.622 0.636 0.652 0.659 4.42
36) cis-1,2-dichloroethene
0.450 0.510 0.456 0.450 0.477 0.435 0.495 0.430 0.452 0.477 0.463 5.60
37) propionitrile
0.132 0.139 0.131 0.135 0.147 0.127 0.154 0.125 0.127 0.135 7.21
38) methyl acrylate
0.110 0.111 0.121 0.126 0.134 0.113 0.108 0.118 8.21
39) bromochloromethane
0.202 0.194 0.204 0.211 0.217 0.198 0.213 0.198 0.193 0.215 0.205 4.35
40) tetrahydrofuran
0.103 0.095 0.095 0.102 0.091 0.101 0.093 0.101 0.098 4.59
41) chloroform
0.248 0.312 0.253 0.250 0.266 0.264 0.277 0.244 0.260 0.264 7.91
42) dibromofluoromethane (s)
0.496 0.501 0.508 0.505 0.514 0.499 0.530 0.498 0.505 0.501 0.506 2.03
43) methacrylonitrile
0.290 0.278 0.269 0.286 0.294 0.254 0.301 0.282 5.76
44) 1,1,1-trichloroethane
0.673 0.684 0.650 0.686 0.734 0.618 0.759 0.644 0.630 0.647 0.672 6.70
45) cyclohexane
0.744 0.669 0.773 0.763 0.808 0.703 0.813 0.728 0.714 0.699 0.741 6.43
46) 1,1-dichloropropene
0.618 0.588 0.615 0.634 0.678 0.572 0.700 0.600 0.561 0.511 0.608 9.08
47) carbon tetrachloride
0.561 0.696 0.534 0.564 0.612 0.586 0.644 0.527 0.563 0.587 9.33
48) isobutyl alcohol
0.083 0.088 0.100 0.101 0.084 0.091 0.091 8.41
49) tert-amyl alcohol
0.042 0.046 0.046 0.049 0.055 0.043 0.059 0.044 0.038 0.047 13.91

50) I 1,4-difluorobenzene ----------ISTD----------
51) 1,2-dichloroethane-d4 (s)
0.324 0.328 0.322 0.323 0.320 0.321 0.326 0.317 0.320 0.324 0.323 0.98

Initial Calibration Summary

Job Number: JD79113 **Sample:** V1K376-ICC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K13685.D
Project: Fortive, New Windsor, NY

52) iso-octane
0.757 0.794 0.733 0.746 0.806 0.743 0.860 0.711 0.747 0.766 5.96
53) benzene
1.006 1.014 0.978 0.970 1.011 0.960 1.014 0.945 0.955 1.001 0.985 2.72
54) tert-amyl methyl ether
0.719 0.805 0.699 0.742 0.804 0.710 0.806 0.700 0.713 0.825 0.752 6.81
55) heptane
0.133 0.176 0.137 0.142 0.146 0.132 0.149 0.140 0.108 0.140 12.73
56) isopropyl acetate
0.068 0.068 0.076 0.083 0.058 0.084 0.070 0.070 0.072 11.81
57) 1,2-dichloroethane
0.353 0.435 0.333 0.332 0.348 0.350 0.352 0.317 0.358 0.353 9.43
58) n-butyl alcohol
0.019 0.018 0.019 0.021 0.022 0.017 0.019 0.017 0.019 9.92
59) ethyl acrylate
0.446 0.429 0.439 0.456 0.495 0.386 0.518 0.426 0.399 0.444 9.52
60) trichloroethene
0.251 0.242 0.252 0.250 0.261 0.243 0.261 0.240 0.252 0.236 0.249 3.39
61) 2-nitropropane
0.117 0.145 0.111 0.124 0.137 0.140 0.113 0.109 0.125 11.32
62) 2-chloroethyl vinyl ether
0.112 0.122 0.142 0.154 0.080 0.160 0.128 0.085 0.123 24.06
----- Quadratic regression ----- Coefficient = 0.9993
Response Ratio = -0.00871 + 0.13877 *A + 0.00113 *A^2

63) methyl methacrylate
0.079 0.082 0.085 0.090 0.064 0.093 0.078 0.071 0.080 11.96
64) 1,2-dichloropropane
0.258 0.270 0.252 0.257 0.272 0.224 0.272 0.246 0.237 0.249 0.254 6.18
65) methylcyclohexane
0.194 0.189 0.188 0.193 0.205 0.189 0.209 0.184 0.179 0.192 4.86
66) dibromomethane
0.138 0.158 0.141 0.141 0.150 0.145 0.149 0.136 0.145 0.145 4.68
67) bromodichloromethane
0.301 0.330 0.294 0.305 0.323 0.294 0.330 0.281 0.279 0.337 0.307 6.88
68) epichlorohydrin
0.050 0.047 0.049 0.051 0.055 0.057 0.056 0.049 0.048 0.051 7.10
69) cis-1,3-dichloropropene
0.394 0.390 0.393 0.403 0.432 0.371 0.439 0.386 0.363 0.322 0.389 8.62
70) 4-methyl-2-pentanone
0.140 0.137 0.144 0.150 0.159 0.128 0.167 0.142 0.133 0.144 8.60
71) 3-methyl-1-butanol
0.015 0.016 0.015 0.017 0.018 0.013 0.016 0.014 0.015 11.73

72) I chlorobenzene-d5 ----------ISTD----------
73) toluene-d8 (s)
1.374 1.353 1.369 1.367 1.380 1.363 1.401 1.382 1.356 1.375 1.372 1.01
74) toluene
0.722 0.731 0.694 0.713 0.741 0.672 0.736 0.686 0.681 0.819 0.720 5.94
75) ethyl methacrylate
0.400 0.388 0.409 0.424 0.446 0.378 0.441 0.397 0.377 0.407 6.29
76) trans-1,3-dichloropropene
0.421 0.429 0.434 0.463 0.488 0.379 0.483 0.432 0.404 0.450 0.438 7.74
77) 1,1,2-trichloroethane
0.211 0.199 0.205 0.218 0.228 0.211 0.225 0.210 0.190 0.211 5.76
78) tetrachloroethene
0.299 0.276 0.295 0.294 0.301 0.270 0.290 0.280 0.285 0.319 0.291 4.83
79) 2-hexanone
0.193 0.199 0.196 0.205 0.216 0.176 0.218 0.195 0.177 0.184 0.196 7.39
80) 1,3-dichloropropane

Initial Calibration Summary

Job Number: JD79113 **Sample:** V1K376-ICC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K13685.D
Project: Fortive, New Windsor, NY

	0.455	0.474	0.454	0.473	0.498	0.420	0.499	0.449	0.426	0.485	0.464	5.91
81)	butyl acetate											
	0.265	0.276	0.270	0.278	0.290	0.226	0.295	0.258	0.242	0.246	0.265	8.22
82)	dibromochloromethane											
	0.245	0.260	0.252	0.277	0.296	0.241	0.304	0.250	0.227	0.218	0.257	10.89
83)	1,2-dibromoethane											
	0.261	0.274	0.266	0.276	0.291	0.242	0.295	0.259	0.248	0.261	0.267	6.39
84)	n-butyl ether											
	1.378	1.384	1.402	1.450	1.542	1.287	1.539	1.380	1.282	1.242	1.389	7.34
85)	chlorobenzene											
	0.760	0.795	0.758	0.761	0.790	0.757	0.781	0.734	0.727	0.765	0.763	2.87
86)	1,1,1,2-tetrachloroethane											
	0.242	0.228	0.240	0.268	0.291	0.230	0.290	0.249	0.226		0.252	10.11
87)	ethylbenzene											
	1.429	1.708	1.377	1.382	1.448	1.444	1.418	1.340	1.362		1.434	7.62
88)	m,p-xylene											
	0.539	0.556	0.535	0.533	0.555	0.514	0.547	0.524	0.501	0.545	0.535	3.30
89)	o-xylene											
	0.524	0.515	0.514	0.517	0.546	0.469	0.534	0.497	0.493	0.474	0.508	4.89
90)	styrene											
	0.841	0.907	0.831	0.861	0.903	0.761	0.898	0.825	0.775	0.770	0.837	6.66
91)	bromoform											
	0.169	0.160	0.175	0.200	0.218	0.146	0.228	0.181	0.152		0.181	15.91
92)	butyl acrylate											
	0.688	0.720	0.696	0.753	0.796	0.622	0.806	0.697	0.620	0.613	0.701	9.97
93)	isopropylbenzene											
	1.241	1.183	1.236	1.240	1.298	1.181	1.299	1.197	1.165	1.100	1.214	5.07
94)	n-amyl acetate											
	0.258	0.239	0.252	0.265	0.282	0.219	0.279	0.249	0.227		0.252	8.53
95)	cis-1,4-dichloro-2-butene											
	0.130	0.139	0.142	0.168	0.186	0.125	0.192	0.145	0.129		0.151	16.69
96)	I 1,4-dichlorobenzene-d ----------ISTD----------											
97)	4-bromofluorobenzene (s)											
	0.985	0.985	0.998	0.988	0.983	0.966	1.018	0.991	0.969	0.982	0.986	1.47
98)	bromobenzene											
	0.654	0.641	0.660	0.652	0.667	0.619	0.672	0.627	0.623	0.638	0.645	2.89
99)	1,1,2,2-tetrachloroethane											
	0.732	0.737	0.742	0.778	0.826	0.679	0.836	0.733	0.666	0.646	0.738	8.57
100)	trans-1,4-dichloro-2-butene											
	0.280	0.319	0.292	0.322	0.336	0.254	0.352	0.291	0.263		0.301	11.09
101)	1,2,3-trichloropropane											
	0.246	0.203	0.259	0.260	0.267	0.243	0.272	0.243	0.221		0.246	9.06
102)	n-propylbenzene											
	3.077	3.049	3.109	3.145	3.269	3.008	3.304	3.018	2.810	3.263	3.105	4.82
103)	2-chlorotoluene											
	0.617	0.591	0.622	0.624	0.636	0.588	0.637	0.591	0.601	0.535	0.604	5.07
104)	4-chlorotoluene											
	1.942	2.062	1.975	1.966	2.058	1.905	2.086	1.900	1.826	1.950	1.967	4.17
105)	1,3,5-trimethylbenzene											
	2.164	2.094	2.200	2.191	2.266	1.986	2.268	2.103	2.003	1.972	2.125	5.23
106)	tert-butylbenzene											
	1.801	1.820	1.790	1.811	1.896	1.724	1.909	1.747	1.701	1.616	1.782	4.97
107)	1,2,4-trimethylbenzene											
	2.254	2.159	2.243	2.289	2.379	2.106	2.406	2.209	2.081	1.956	2.208	6.23
108)	sec-butylbenzene											
	2.556	2.489	2.534	2.594	2.700	2.367	2.745	2.488	2.365	2.320	2.516	5.60
109)	1,3-dichlorobenzene											
	1.264	1.256	1.254	1.252	1.305	1.208	1.309	1.210	1.228	1.233	1.252	2.78
110)	p-isopropyltoluene											

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICC376
Lab FileID: 1K13685.D

```
       2.134 2.080 2.189 2.215 2.320 1.921 2.341 2.119 2.015 1.970  2.130    6.57
111)  1,4-dichlorobenzene
       1.288 1.336 1.271 1.262 1.301 1.191 1.294 1.206 1.229        1.264    3.75
112)  1,2-dichlorobenzene
       1.202 1.277 1.198 1.193 1.245 1.077 1.224 1.136 1.129 1.183  1.186    4.97
113)  1,2,3-trimethylbenzene
       2.250 2.320 2.289 2.295 2.391 2.103 2.379 2.196 2.135 2.308  2.267    4.24
114)  n-butylbenzene
       1.125 1.137 1.157 1.191 1.240 1.048 1.236 1.115 1.075 1.034  1.136    6.34
115)  1,2-dibromo-3-chloropropane
       0.227 0.242 0.240 0.267 0.281 0.208 0.285 0.239 0.211        0.244   11.43
116)  1,3,5-trichlorobenzene
       0.777 0.866 0.790 0.812 0.827 0.740 0.802 0.755 0.756 0.720  0.785    5.59
117)  1,2,4-trichlorobenzene
       0.695 0.742 0.697 0.739 0.751 0.653 0.730 0.691 0.680 0.718  0.710    4.42
118)  hexachlorobutadiene
       0.272 0.222 0.255 0.258 0.253 0.240 0.244 0.244 0.243        0.248    5.67
119)  naphthalene
       2.350 2.594 2.413 2.574 2.665 2.173 2.686 2.405 2.251 2.695  2.481    7.58
120)  1,2,3-trichlorobenzene
       0.657 0.745 0.659 0.699 0.719 0.602 0.686 0.655 0.614 0.587  0.662    7.77
121)  hexachloroethane
       0.263 0.260 0.299 0.332 0.368 0.238 0.377 0.293 0.261        0.299   16.72
122)  benzyl chloride
       0.323       0.331 0.369 0.382 0.259 0.378 0.333 0.282        0.332   13.42
123)  2-methylnaphthalene
       1.028 0.947 1.106 1.084 1.088 0.848 1.063 1.091 0.896        1.017    9.41

124)     pentafluorobenzene(a) ----------------ISTD---------------------
125)  Freon 142B
                                                                    0.000   -1.00
126)  vinyl bromide
                                                                    0.000   -1.00
127)  allyl chloride
                                                                    0.000   -1.00

128)     1,4-dichlorobenzene-d ----------------ISTD---------------------
129)  4-ethyltoluene
                                                                    0.000   -1.00
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           M1K376.M          Mon Dec 04 16:19:51 2023   1K
```

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICV376
Lab FileID: 1K13695.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\VK376\1K13695.D Vial: 15
Acq On : 2 Dec 2023 8:15 pm Operator: PrashanS
Sample : ICV376-50 Inst : GCMS K
Misc : MS75187,V1K376,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
Last Update : Mon Dec 04 16:17:10 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	99	0.00	2.06
2		ethanol	0.117	0.113	3.4	105	0.00	1.68
3	M	tertiary butyl alcohol	1.301	1.283	1.4	99	0.00	2.09
4		1,4-dioxane	0.101	0.107	-5.9	108	0.00	3.69
5	I	pentafluorobenzene	1.000	1.000	0.0	98	0.00	2.99
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane	0.399	0.482	-20.8	114	0.00	1.09
8		chloromethane	0.439	0.464	-5.7	104	0.00	1.19
9		vinyl chloride	0.505	0.541	-7.1	103	0.00	1.23
10		1,3-butadiene	0.522	0.427	18.2	87	0.00	1.23
11		bromomethane	0.090	0.094	-4.4	98	0.00	1.37
12		chloroethane	0.279	0.238	14.7	100	0.00	1.42
13		trichlorofluoromethane	0.558	0.568	-1.8	97	0.00	1.48
14		ethyl ether	0.238	0.263	-10.5	108	0.00	1.61
15		acrolein	0.118	0.112	5.1	93	0.00	1.85
16		freon 113	0.307	0.338	-10.1	105	0.00	1.72
17		1,1-dichloroethene	0.613	0.685	-11.7	109	0.00	1.71
18		acetone	0.098	0.117	-19.4	118	0.00	1.98
19		acetonitrile	0.082	0.103	-25.6	118	0.00	2.19
		----------	True	Calc.	% Drift	----------		
20		iodomethane	50.000	50.107	-0.2	99	0.00	1.79
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide	1.157	1.283	-10.9	109	0.00	1.74
22		methylene chloride	0.442	0.459	-3.8	106	0.00	1.97
23		methyl acetate	0.112	0.128	-14.3	110	0.00	2.02
24		methyl tert butyl ether	1.297	1.426	-9.9	104	0.00	2.07
25		trans-1,2-dichloroethene	0.413	0.441	-6.8	106	0.00	2.03
26		hexane	1.100	1.148	-4.4	102	0.00	2.06
27		di-isopropyl ether	1.403	1.644	-17.2	111	0.00	2.23
28		ethyl tert-butyl ether	1.466	1.651	-12.6	105	0.00	2.39
29		2-butanone	0.108	0.134	-24.1	116	0.00	2.81
30	M	1,1-dichloroethane	0.818	0.906	-10.8	109	0.00	2.31
31		chloroprene	0.777	0.872	-12.2	104	0.00	2.30
32		acrylonitrile	0.224	0.246	-9.8	106	0.00	2.33
33		vinyl acetate	0.101	0.114	-12.9	107	0.00	2.40
34		ethyl acetate	0.070	0.083	-18.6	120	0.00	2.71
35		2,2-dichloropropane	0.659	0.687	-4.2	104	0.00	2.61
36		cis-1,2-dichloroethene	0.463	0.487	-5.2	106	0.00	2.56
37		propionitrile	0.135	0.144	-6.7	105	0.00	2.97

Initial Calibration Verification

Job Number: JD79113 **Sample:** V1K376-ICV376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K13695.D
Project: Fortive, New Windsor, NY

38		methyl acrylate	0.118	0.131	-11.0	106	0.00	2.73
39		bromochloromethane	0.205	0.225	-9.8	104	0.00	2.66
40		tetrahydrofuran	0.098	0.104	-6.1	106	0.00	2.76
41		chloroform	0.264	0.269	-1.9	105	0.00	2.68
42	S	dibromofluoromethane (s)	0.506	0.507	-0.2	98	0.00	2.77
43		methacrylonitrile	0.282	0.289	-2.5	105	0.00	2.98
44		1,1,1-trichloroethane	0.672	0.730	-8.6	104	0.00	2.79
45		cyclohexane	0.741	0.783	-5.7	100	0.00	2.67
46		1,1-dichloropropene	0.608	0.678	-11.5	105	0.00	2.85
47		carbon tetrachloride	0.587	0.612	-4.3	106	0.00	2.76
48		isobutyl alcohol	0.091	0.104	-14.3	102	0.00	3.02
49		tert-amyl alcohol	0.047	0.053	-12.8	107	0.00	3.09
50	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00	3.28
51	S	1,2-dichloroethane-d4 (s)	0.323	0.322	0.3	98	0.00	3.04
52		iso-octane	0.766	0.859	-12.1	113	0.00	2.90
53	M	benzene	0.985	1.032	-4.8	104	0.00	2.98
54		tert-amyl methyl ether	0.752	0.778	-3.5	103	0.00	3.01
55		heptane	0.140	0.148	-5.7	102	0.00	2.93
56		isopropyl acetate	0.072	0.085	-18.1	110	0.00	3.16
57		1,2-dichloroethane	0.353	0.355	-0.6	105	0.00	3.07
58		n-butyl alcohol	0.019	0.022	-15.8	104	0.00	3.40
59		ethyl acrylate	0.444	0.491	-10.6	105	0.00	3.53
60		trichloroethene	0.249	0.267	-7.2	105	0.00	3.27
61		2-nitropropane	0.125	0.145	-16.0	114	0.00	4.22
			True	Calc.	% Drift			
62		2-chloroethyl vinyl ether	250.000	310.733	-24.3	124	0.00	3.89
			AvgRF	CCRF	% Dev			
63		methyl methacrylate	0.080	0.090	-12.5	104	0.00	3.65
64		1,2-dichloropropane	0.254	0.274	-7.9	104	0.00	3.56
65		methylcyclohexane	0.192	0.214	-11.5	109	0.00	3.28
66		dibromomethane	0.145	0.151	-4.1	104	0.00	3.50
67		bromodichloromethane	0.307	0.324	-5.5	104	0.00	3.58
68		epichlorohydrin	0.051	0.055	-7.8	105	0.00	4.09
69		cis-1,3-dichloropropene	0.389	0.431	-10.8	105	0.00	3.95
70		4-methyl-2-pentanone	0.144	0.162	-12.5	106	0.00	4.31
71		3-methyl-1-butanol	0.015	0.019	-26.7	108	0.00	4.16
72	I	chlorobenzene-d5	1.000	1.000	0.0	98	0.00	5.06
73	S	toluene-d8 (s)	1.372	1.380	-0.6	99	0.00	4.06
74		toluene	0.720	0.754	-4.7	103	0.00	4.09
75		ethyl methacrylate	0.407	0.465	-14.3	107	0.00	4.42
76		trans-1,3-dichloropropene	0.438	0.498	-13.7	105	0.00	4.34
77		1,1,2-trichloroethane	0.211	0.232	-10.0	104	0.00	4.44
78		tetrachloroethene			NA			
79		2-hexanone	0.196	0.227	-15.8	108	0.00	4.85
80		1,3-dichloropropane	0.464	0.515	-11.0	106	0.00	4.62
81		butyl acetate	0.265	0.307	-15.8	108	0.00	4.78
82		dibromochloromethane	0.257	0.297	-15.6	105	0.00	4.56
83		1,2-dibromoethane	0.267	0.296	-10.9	105	0.00	4.72
84		n-butyl ether	1.389	1.555	-12.0	105	0.00	4.99
85		chlorobenzene	0.763	0.808	-5.9	104	0.00	5.07
86		1,1,1,2-tetrachloroethane	0.252	0.293	-16.3	107	0.00	5.11
87		ethylbenzene	1.434	1.470	-2.5	104	0.00	5.08
88		m,p-xylene	0.535	0.565	-5.6	104	0.00	5.18
89		o-xylene	0.508	0.555	-9.3	105	0.00	5.49
90		styrene	0.837	0.923	-10.3	105	0.00	5.52
91		bromoform	0.181	0.216	-19.3	106	0.00	5.55

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICV376
Lab FileID: 1K13695.D

92		butyl acrylate	0.701	0.804	-14.7	104	0.00	5.61
93		isopropylbenzene	1.214	1.363	-12.3	107	0.00	5.72
94		n-amyl acetate	0.252	0.293	-16.3	108	0.00	5.80
95		cis-1,4-dichloro-2-butene	0.151	0.173	-14.6	100	0.00	5.97
96	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	99	0.00	6.78
97	S	4-bromofluorobenzene (s)	0.986	0.990	-0.4	99	0.00	5.92
98		bromobenzene	0.645	0.695	-7.8	105	0.00	6.01
99		1,1,2,2-tetrachloroethane	0.738	0.809	-9.6	103	0.00	6.07
100		trans-1,4-dichloro-2-bute	0.301	0.365	-21.3	112	0.00	6.21
101		1,2,3-trichloropropane	0.246	0.278	-13.0	105	0.00	6.17
102		n-propylbenzene	3.105	3.337	-7.5	105	0.00	6.03
103		2-chlorotoluene	0.604	0.666	-10.3	105	0.00	6.14
104		4-chlorotoluene	1.967	2.098	-6.7	105	0.00	6.27
105		1,3,5-trimethylbenzene	2.125	2.333	-9.8	105	0.00	6.17
106		tert-butylbenzene	1.782	2.036	-14.3	111	0.00	6.42
107		1,2,4-trimethylbenzene	2.208	2.432	-10.1	105	0.00	6.47
108		sec-butylbenzene	2.516	2.766	-9.9	105	0.00	6.56
109		1,3-dichlorobenzene	1.252	1.331	-6.3	105	0.00	6.72
110		p-isopropyltoluene	2.130	2.390	-12.2	106	0.00	6.67
111		1,4-dichlorobenzene	1.264	1.346	-6.5	105	0.00	6.79
112		1,2-dichlorobenzene	1.186	1.274	-7.4	105	0.00	7.11
113		1,2,3-trimethylbenzene		----------NA----------				
114		n-butylbenzene	1.136	1.272	-12.0	105	0.00	6.99
115		1,2-dibromo-3-chloropropa	0.244	0.283	-16.0	105	0.00	7.67
116		1,3,5-trichlorobenzene	0.785	0.911	-16.1	111	0.00	7.71
117		1,2,4-trichlorobenzene	0.710	0.786	-10.7	105	0.00	8.14
118		hexachlorobutadiene	0.248	0.276	-11.3	105	0.00	8.13
119		naphthalene	2.481	2.703	-8.9	104	0.00	8.35
120		1,2,3-trichlorobenzene	0.662	0.736	-11.2	104	0.00	8.47
121		hexachloroethane	0.299	0.364	-21.7	108	0.00	7.09
122		benzyl chloride	0.332	0.364	-9.6	97	0.00	6.98
123		2-methylnaphthalene	1.017	1.153	-13.4	105	0.00	9.02
124		pentafluorobenzene(a)	1.000	1.000	0.0	98	0.00	2.99
125		Freon 142B		----------NA----------				
126		vinyl bromide		----------NA----------				
127		allyl chloride		----------NA----------				
128		1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	99	0.00	6.78
129		4-ethyltoluene		----------NA----------				

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

1K13685.D M1K376.M Mon Dec 04 16:19:30 2023 1K

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICV376
Lab FileID: 1K13697.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\VK376\1K13697.D Vial: 16
Acq On : 2 Dec 2023 8:48 pm Operator: PrashanS
Sample : ICV376-50 Inst : GCMS K
Misc : MS75187,V1K376,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
Last Update : Mon Dec 04 16:17:10 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	87	0.00	2.05
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	100	0.00	2.99
6		chlorodifluoromethane	0.642	0.768	-19.6	125	0.00	1.11
7		dichlorodifluoromethane		----------NA----------				
8		chloromethane		----------NA----------				
9		vinyl chloride		----------NA----------				
10		1,3-butadiene		----------NA----------				
11		bromomethane		----------NA----------				
12		chloroethane		----------NA----------				
13		trichlorofluoromethane		----------NA----------				
14		ethyl ether		----------NA----------				
15		acrolein		----------NA----------				
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone		----------NA----------				
19		acetonitrile		----------NA----------				
		----------	True	Calc.	% Drift	----------		
20		iodomethane		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide		----------NA----------				
22		methylene chloride		----------NA----------				
23		methyl acetate		----------NA----------				
24		methyl tert butyl ether		----------NA----------				
25		trans-1,2-dichloroethene		----------NA----------				
26		hexane		----------NA----------				
27		di-isopropyl ether		----------NA----------				
28		ethyl tert-butyl ether		----------NA----------				
29		2-butanone		----------NA----------				
30	M	1,1-dichloroethane		----------NA----------				
31		chloroprene		----------NA----------				
32		acrylonitrile	0.224	0.242	-8.0	106	0.00	2.33
33		vinyl acetate		----------NA----------				
34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICV376
Lab FileID: 1K13697.D

38		methyl acrylate		----------NA----------				
39		bromochloromethane		----------NA----------				
40		tetrahydrofuran		----------NA----------				
41		chloroform		----------NA----------				
42	S	dibromofluoromethane (s)	0.506	0.508	-0.4	100	0.00	2.77
43		methacrylonitrile		----------NA----------				
44		1,1,1-trichloroethane		----------NA----------				
45		cyclohexane		----------NA----------				
46		1,1-dichloropropene		----------NA----------				
47		carbon tetrachloride		----------NA----------				
48		isobutyl alcohol		----------NA----------				
49		tert-amyl alcohol		----------NA----------				
50	I	1,4-difluorobenzene	1.000	1.000	0.0	95	0.00	3.27
51	S	1,2-dichloroethane-d4 (s)	0.323	0.324	-0.3	95	0.00	3.04
52		iso-octane		----------NA----------				
53	M	benzene		----------NA----------				
54		tert-amyl methyl ether		----------NA----------				
55		heptane		----------NA----------				
56		isopropyl acetate		----------NA----------				
57		1,2-dichloroethane		----------NA----------				
58		n-butyl alcohol		----------NA----------				
59		ethyl acrylate		----------NA----------				
60		trichloroethene		----------NA----------				
61		2-nitropropane		----------NA----------				
		----------	True	Calc.	% Drift	----------		
62		2-chloroethyl vinyl ether		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
63		methyl methacrylate		----------NA----------				
64		1,2-dichloropropane		----------NA----------				
65		methylcyclohexane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane		----------NA----------				
68		epichlorohydrin		----------NA----------				
69		cis-1,3-dichloropropene		----------NA----------				
70		4-methyl-2-pentanone		----------NA----------				
71		3-methyl-1-butanol		----------NA----------				
72	I	chlorobenzene-d5	1.000	1.000	0.0	98	0.00	5.06
73	S	toluene-d8 (s)	1.372	1.368	0.3	98	0.00	4.06
74		toluene		----------NA----------				
75		ethyl methacrylate		----------NA----------				
76		trans-1,3-dichloropropene		----------NA----------				
77		1,1,2-trichloroethane		----------NA----------				
78		tetrachloroethene	0.291	0.297	-2.1	99	0.00	4.33
79		2-hexanone		----------NA----------				
80		1,3-dichloropropane		----------NA----------				
81		butyl acetate		----------NA----------				
82		dibromochloromethane		----------NA----------				
83		1,2-dibromoethane		----------NA----------				
84		n-butyl ether		----------NA----------				
85		chlorobenzene		----------NA----------				
86		1,1,1,2-tetrachloroethane		----------NA----------				
87		ethylbenzene		----------NA----------				
88		m,p-xylene		----------NA----------				
89		o-xylene		----------NA----------				
90		styrene		----------NA----------				
91		bromoform		----------NA----------				

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K376-ICV376
Lab FileID: 1K13697.D

92		butyl acrylate		----------NA----------				
93		isopropylbenzene		----------NA----------				
94		n-amyl acetate		----------NA----------				
95		cis-1,4-dichloro-2-butene		----------NA----------				
96	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	6.78
97	S	4-bromofluorobenzene (s)	0.986	0.985	0.1	98	0.00	5.92
98		bromobenzene		----------NA----------				
99		1,1,2,2-tetrachloroethane		----------NA----------				
100		trans-1,4-dichloro-2-bute		----------NA----------				
101		1,2,3-trichloropropane		----------NA----------				
102		n-propylbenzene		----------NA----------				
103		2-chlorotoluene		----------NA----------				
104		4-chlorotoluene		----------NA----------				
105		1,3,5-trimethylbenzene		----------NA----------				
106		tert-butylbenzene		----------NA----------				
107		1,2,4-trimethylbenzene		----------NA----------				
108		sec-butylbenzene		----------NA----------				
109		1,3-dichlorobenzene		----------NA----------				
110		p-isopropyltoluene		----------NA----------				
111		1,4-dichlorobenzene		----------NA----------				
112		1,2-dichlorobenzene		----------NA----------				
113		1,2,3-trimethylbenzene	2.267	2.427	-7.1	104	0.00	6.81
114		n-butylbenzene		----------NA----------				
115		1,2-dibromo-3-chloropropa		----------NA----------				
116		1,3,5-trichlorobenzene		----------NA----------				
117		1,2,4-trichlorobenzene		----------NA----------				
118		hexachlorobutadiene		----------NA----------				
119		naphthalene		----------NA----------				
120		1,2,3-trichlorobenzene		----------NA----------				
121		hexachloroethane		----------NA----------				
122		benzyl chloride		----------NA----------				
123		2-methylnaphthalene		----------NA----------				
124		pentafluorobenzene(a)	1.000	1.000	0.0	100	0.00	2.99
125		Freon 142B		----------NA----------				
126		vinyl bromide		----------NA----------				
127		allyl chloride		----------NA----------				
128		1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	98	0.00	6.78
129		4-ethyltoluene		----------NA----------				

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

1K13685.D M1K376.M Mon Dec 04 16:22:32 2023 1K

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K391-CC376
Lab FileID: 1K14348.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\k...2023\v1k391\1K14348.d Vial: 3
Acq On : 20 Dec 2023 9:38 am Operator: louied
Sample : cc376-20 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
Last Update : Mon Dec 04 16:17:10 2023
Response via : Multiple Level 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)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	96	0.00	2.05
2		ethanol	0.117	0.118	-0.9	106	0.00	1.67
3	M	tertiary butyl alcohol	1.301	1.196	8.1	93	0.00	2.09
4		1,4-dioxane	0.101	0.112	-10.9	111	0.00	3.69
5	I	pentafluorobenzene	1.000	1.000	0.0	116	0.00	2.99
6		chlorodifluoromethane	0.642	0.515	19.8	101	0.00	1.11
7		dichlorodifluoromethane	0.399	0.443	-11.0	126	0.00	1.09
8		chloromethane	0.439	0.343	21.9#	96	0.00	1.20
9		vinyl chloride	0.505	0.488	3.4	113	0.00	1.22
10		1,3-butadiene	0.522	0.575	-10.2	147	0.00	1.22
11		bromomethane	0.090	0.188	-108.9#	271#	0.00	1.37
12		chloroethane	0.279	0.428	-53.4#	189	0.00	1.43
13		trichlorofluoromethane	0.558	0.711	-27.4#	142	0.00	1.49
14		ethyl ether	0.238	0.272	-14.3	130	0.00	1.61
15		acrolein	0.118	0.117	0.8	125	0.00	1.85
16		freon 113	0.307	0.283	7.8	106	0.00	1.72
17		1,1-dichloroethene	0.613	0.532	13.2	104	0.00	1.71
18		acetone	0.098	0.072	26.5#	92	0.00	1.98
19		acetonitrile	0.082	0.089	-8.5	119	0.00	2.19
		----------	True	Calc.	% Drift	----------		
20		iodomethane	20.000	12.293	38.5#	77	0.00	1.79
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide	1.157	0.951	17.8	100	0.00	1.75
22		methylene chloride	0.442	0.381	13.8	108	0.00	1.97
23		methyl acetate	0.112	0.107	4.5	117	0.00	2.02
24		methyl tert butyl ether	1.297	1.172	9.6	112	0.00	2.07
25		trans-1,2-dichloroethene	0.413	0.353	14.5	104	0.00	2.04
26		hexane	1.100	0.955	13.2	107	0.00	2.06
27		di-isopropyl ether	1.403	1.338	4.6	116	0.00	2.23
28		ethyl tert-butyl ether	1.466	1.308	10.8	107	0.00	2.39
29		2-butanone	0.108	0.096	11.1	105	0.00	2.82
30	M	1,1-dichloroethane	0.818	0.712	13.0	104	0.00	2.31
31		chloroprene	0.777	0.622	19.9	94	0.00	2.30
32		acrylonitrile	0.224	0.214	4.5	113	0.00	2.33
33		vinyl acetate	0.101	0.107	-5.9	129	0.00	2.40
34		ethyl acetate	0.070	0.056	20.0#	101	0.00	2.71
35		2,2-dichloropropane	0.659	0.533	19.1	99	0.00	2.61
36		cis-1,2-dichloroethene	0.463	0.399	13.8	107	0.00	2.56
37		propionitrile	0.135	0.119	11.9	110	0.00	2.97

Continuing Calibration Summary

Job Number: JD79113 **Sample:** V1K391-CC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K14348.D
Project: Fortive, New Windsor, NY

38		methyl acrylate	0.118	0.108	8.5	110	0.00	2.73
39		bromochloromethane	0.205	0.204	0.5	119	0.00	2.66
40		tetrahydrofuran	0.098	0.089	9.2	111	0.00	2.76
41		chloroform	0.264	0.217	17.8	103	0.00	2.68
42	S	dibromofluoromethane (s)	0.506	0.518	-2.4	120	0.00	2.77
43		methacrylonitrile	0.282	0.245	13.1	112	0.00	2.98
44		1,1,1-trichloroethane	0.672	0.586	12.8	105	0.00	2.79
45		cyclohexane	0.741	0.626	15.5	100	0.00	2.67
46		1,1-dichloropropene	0.608	0.523	14.0	101	0.00	2.85
47		carbon tetrachloride	0.587	0.472	19.6	104	0.00	2.76
48		isobutyl alcohol	0.091	0.071	22.0#	90	0.00	3.01
49		tert-amyl alcohol	0.047	0.050	-6.4	131	0.00	3.09
50	I	1,4-difluorobenzene	1.000	1.000	0.0	123	0.00	3.27
51	S	1,2-dichloroethane-d4 (s)	0.323	0.307	5.0	118	0.00	3.04
52		iso-octane	0.766	0.602	21.4#	104	0.00	2.90
53	M	benzene	0.985	0.833	15.4	108	0.00	2.98
54		tert-amyl methyl ether	0.752	0.624	17.0	109	0.00	3.01
55		heptane	0.140	0.117	16.4	103	0.00	2.93
56		isopropyl acetate	0.072	0.065	9.7	114	0.00	3.16
57		1,2-dichloroethane	0.353	0.307	13.0	119	0.00	3.07
58		n-butyl alcohol	0.019	0.014	26.3#	89	0.00	3.40
59		ethyl acrylate	0.444	0.380	14.4	109	0.00	3.53
60		trichloroethene	0.249	0.227	8.8	116	0.00	3.27
61		2-nitropropane	0.125	0.060	52.0#	66	0.00	4.22
			True	Calc.	% Drift			
62		2-chloroethyl vinyl ether	100.000	84.508	15.5	110	0.00	3.89
			AvgRF	CCRF	% Dev			
63		methyl methacrylate	0.080	0.076	5.0	121	0.00	3.65
64		1,2-dichloropropane	0.254	0.221	13.0	110	0.00	3.55
65		methylcyclohexane	0.192	0.163	15.1	108	0.00	3.27
66		dibromomethane	0.145	0.132	9.0	119	0.00	3.50
67		bromodichloromethane	0.307	0.253	17.6	111	0.00	3.58
68		epichlorohydrin	0.051	0.040	21.6#	100	0.00	4.09
69		cis-1,3-dichloropropene	0.389	0.321	17.5	102	0.00	3.94
70		4-methyl-2-pentanone	0.144	0.131	9.0	113	0.00	4.31
71		3-methyl-1-butanol	0.015	0.011	26.7#	82	0.00	4.16
72	I	chlorobenzene-d5	1.000	1.000	0.0	126	0.00	5.06
73	S	toluene-d8 (s)	1.372	1.332	2.9	122	0.00	4.06
74		toluene	0.720	0.604	16.1	111	0.00	4.09
75		ethyl methacrylate	0.407	0.349	14.3	111	0.00	4.42
76		trans-1,3-dichloropropene	0.438	0.355	18.9	104	0.00	4.34
77		1,1,2-trichloroethane	0.211	0.189	10.4	113	0.00	4.44
78		tetrachloroethene	0.291	0.252	13.4	114	0.00	4.33
79		2-hexanone	0.196	0.169	13.8	109	0.00	4.85
80		1,3-dichloropropane	0.464	0.406	12.5	114	0.00	4.62
81		butyl acetate	0.265	0.226	14.7	111	0.00	4.78
82		dibromochloromethane	0.257	0.235	8.6	119	0.00	4.56
83		1,2-dibromoethane	0.267	0.249	6.7	121	0.00	4.72
84		n-butyl ether	1.389	1.106	20.4#	101	0.00	4.99
85		chlorobenzene	0.763	0.690	9.6	119	0.00	5.07
86		1,1,1,2-tetrachloroethane	0.252	0.226	10.3	114	0.00	5.11
87		ethylbenzene	1.434	1.164	18.8	110	0.00	5.08
88		m,p-xylene	0.535	0.466	12.9	112	0.00	5.18
89		o-xylene	0.508	0.453	10.8	115	0.00	5.49
90		styrene	0.837	0.753	10.0	115	0.00	5.53
91		bromoform	0.181	0.139	23.2#	97	0.00	5.55

Continuing Calibration Summary

Job Number: JD79113 **Sample:** V1K391-CC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K14348.D
Project: Fortive, New Windsor, NY

92		butyl acrylate	0.701	0.543	22.5#	98	0.00	5.61
93		isopropylbenzene	1.214	1.081	11.0	114	0.00	5.72
94		n-amyl acetate	0.252	0.215	14.7	109	0.00	5.81
95		cis-1,4-dichloro-2-butene	0.151	0.048	68.2#	42#	0.00	5.97
96	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	123	0.00	6.78
97	S	4-bromofluorobenzene (s)	0.986	0.975	1.1	121	0.00	5.93
98		bromobenzene	0.645	0.582	9.8	114	0.00	6.01
99		1,1,2,2-tetrachloroethane	0.738	0.693	6.1	116	0.00	6.07
100		trans-1,4-dichloro-2-bute	0.301	0.117	61.1#	49#	0.00	6.21
101		1,2,3-trichloropropane	0.246	0.250	-1.6	126	0.00	6.17
102		n-propylbenzene	3.105	2.680	13.7	109	0.00	6.03
103		2-chlorotoluene	0.604	0.585	3.1	122	0.00	6.14
104		4-chlorotoluene	1.967	1.679	14.6	109	0.00	6.27
105		1,3,5-trimethylbenzene	2.125	1.942	8.6	114	0.00	6.17
106		tert-butylbenzene	1.782	1.658	7.0	117	0.00	6.42
107		1,2,4-trimethylbenzene	2.208	2.017	8.7	112	0.00	6.47
108		sec-butylbenzene	2.516	2.250	10.6	111	0.00	6.56
109		1,3-dichlorobenzene	1.252	1.129	9.8	115	0.00	6.72
110		p-isopropyltoluene	2.130	2.008	5.7	117	0.00	6.67
111		1,4-dichlorobenzene	1.264	1.134	10.3	116	0.00	6.79
112		1,2-dichlorobenzene	1.186	1.091	8.0	118	0.00	7.11
113		1,2,3-trimethylbenzene	2.267	2.034	10.3	114	0.00	6.81
114		n-butylbenzene	1.136	1.003	11.7	111	0.00	7.00
115		1,2-dibromo-3-chloropropa	0.244	0.203	16.8	105	0.00	7.68
116		1,3,5-trichlorobenzene	0.785	0.697	11.2	114	0.00	7.71
117		1,2,4-trichlorobenzene	0.710	0.644	9.3	115	0.00	8.15
118		hexachlorobutadiene	0.248	0.199	19.8	100	0.00	8.13
119		naphthalene	2.481	2.382	4.0	122	0.00	8.36
120		1,2,3-trichlorobenzene	0.662	0.617	6.8	116	0.00	8.48
121		hexachloroethane	0.299	0.207	30.8#	87	0.00	7.09
122		benzyl chloride	0.332	0.252	24.1#	93	0.00	6.98
123		2-methylnaphthalene	1.017	1.008	0.9	114	0.00	9.03
124		pentafluorobenzene(a)	1.000	1.000	0.0	116	0.00	2.99
125		Freon 142B		----------NA----------				
126		vinyl bromide		----------NA----------				
127		allyl chloride		----------NA----------				
128		1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	123	0.00	6.78
129		4-ethyltoluene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1K13683.D M1K376.M Thu Dec 21 01:26:57 2023

6.7.8

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: V1K391-CC376
Lab FileID: 1K14350.D

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\k...2023\v1k391\1K14350.d Vial: 5
Acq On : 20 Dec 2023 10:25 am Operator: louied
Sample : cc376-1 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
Last Update : Mon Dec 04 16:17:10 2023
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	100	0.00	2.06
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	110	0.00	2.99
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane		----------NA----------				
8		chloromethane	0.439	0.379	13.7	97	0.01	1.20
9		vinyl chloride		----------NA----------				
10		1,3-butadiene		----------NA----------				
11		bromomethane		----------NA----------				
12		chloroethane		----------NA----------				
13		trichlorofluoromethane		----------NA----------				
14		ethyl ether		----------NA----------				
15		acrolein		----------NA----------				
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone	0.098	0.070	28.6	76	0.00	1.97
19		acetonitrile		----------NA----------				
		----------	True	Calc.	% Drift	----------		
20		iodomethane	1.000	2.243	-124.3	0	0.00	1.80
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide		----------NA----------				
22		methylene chloride		----------NA----------				
23		methyl acetate		----------NA----------				
24		methyl tert butyl ether		----------NA----------				
25		trans-1,2-dichloroethene		----------NA----------				
26		hexane		----------NA----------				
27		di-isopropyl ether		----------NA----------				
28		ethyl tert-butyl ether		----------NA----------				
29		2-butanone		----------NA----------				
30	M	1,1-dichloroethane		----------NA----------				
31		chloroprene		----------NA----------				
32		acrylonitrile		----------NA----------				
33		vinyl acetate		----------NA----------				
34		ethyl acetate	0.070	0.061	12.9	131	0.00	2.71
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				

Continuing Calibration Summary

Job Number: JD79113 **Sample:** V1K391-CC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K14350.D
Project: Fortive, New Windsor, NY

38		methyl acrylate		----------NA----------				
39		bromochloromethane		----------NA----------				
40		tetrahydrofuran		----------NA----------				
41		chloroform		----------NA----------				
42	S	dibromofluoromethane (s)	0.506	0.547	-8.1	120	0.00	2.77
43		methacrylonitrile		----------NA----------				
44		1,1,1-trichloroethane		----------NA----------				
45		cyclohexane		----------NA----------				
46		1,1-dichloropropene		----------NA----------				
47		carbon tetrachloride		----------NA----------				
48		isobutyl alcohol	0.091	0.049	46.2	0#	0.00	3.02
49		tert-amyl alcohol		----------NA----------				
50	I	1,4-difluorobenzene	1.000	1.000	0.0	119	0.00	3.28
51	S	1,2-dichloroethane-d4 (s)	0.323	0.327	-1.2	121	0.00	3.04
52		iso-octane	0.766	0.538	29.8	87	0.00	2.90
53	M	benzene		----------NA----------				
54		tert-amyl methyl ether		----------NA----------				
55		heptane		----------NA----------				
56		isopropyl acetate		----------NA----------				
57		1,2-dichloroethane		----------NA----------				
58		n-butyl alcohol	0.019	0.008	57.9	58	0.00	3.40
59		ethyl acrylate		----------NA----------				
60		trichloroethene		----------NA----------				
61		2-nitropropane	0.125	0.069	44.8	59	0.00	4.22
		----------	True	Calc.	% Drift	----------		
62		2-chloroethyl vinyl ether		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
63		methyl methacrylate		----------NA----------				
64		1,2-dichloropropane		----------NA----------				
65		methylcyclohexane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane		----------NA----------				
68		epichlorohydrin	0.051	0.034	33.3	72	0.00	4.09
69		cis-1,3-dichloropropene		----------NA----------				
70		4-methyl-2-pentanone		----------NA----------				
71		3-methyl-1-butanol	0.015	0.006	60.0	54	0.00	4.17
72	I	chlorobenzene-d5	1.000	1.000	0.0	123	0.00	5.06
73	S	toluene-d8 (s)	1.372	1.328	3.2	120	0.00	4.06
74		toluene		----------NA----------				
75		ethyl methacrylate		----------NA----------				
76		trans-1,3-dichloropropene		----------NA----------				
77		1,1,2-trichloroethane		----------NA----------				
78		tetrachloroethene		----------NA----------				
79		2-hexanone		----------NA----------				
80		1,3-dichloropropane		----------NA----------				
81		butyl acetate		----------NA----------				
82		dibromochloromethane		----------NA----------				
83		1,2-dibromoethane		----------NA----------				
84		n-butyl ether	1.389	0.876	36.9	84	0.00	4.99
85		chlorobenzene		----------NA----------				
86		1,1,1,2-tetrachloroethane		----------NA----------				
87		ethylbenzene		----------NA----------				
88		m,p-xylene		----------NA----------				
89		o-xylene		----------NA----------				
90		styrene		----------NA----------				
91		bromoform	0.181	0.119	34.3	100	0.00	5.55

Continuing Calibration Summary

Job Number: JD79113 **Sample:** V1K391-CC376
Account: ERMNYW ERM, Inc. **Lab FileID:** 1K14350.D
Project: Fortive, New Windsor, NY

92		butyl acrylate	0.701	0.366	47.8	72	0.00	5.61
93		isopropylbenzene		----------NA----------				
94		n-amyl acetate		----------NA----------				
95		cis-1,4-dichloro-2-butene	0.151	0.030	80.1	29	0.00	5.97
96	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	117	0.00	6.78
97	S	4-bromofluorobenzene (s)	0.986	0.975	1.1	118	0.00	5.93
98		bromobenzene		----------NA----------				
99		1,1,2,2-tetrachloroethane		----------NA----------				
100		trans-1,4-dichloro-2-bute	0.301	0.111	63.1	51	0.00	6.21
101		1,2,3-trichloropropane		----------NA----------				
102		n-propylbenzene		----------NA----------				
103		2-chlorotoluene		----------NA----------				
104		4-chlorotoluene		----------NA----------				
105		1,3,5-trimethylbenzene		----------NA----------				
106		tert-butylbenzene		----------NA----------				
107		1,2,4-trimethylbenzene		----------NA----------				
108		sec-butylbenzene		----------NA----------				
109		1,3-dichlorobenzene		----------NA----------				
110		p-isopropyltoluene		----------NA----------				
111		1,4-dichlorobenzene		----------NA----------				
112		1,2-dichlorobenzene		----------NA----------				
113		1,2,3-trimethylbenzene		----------NA----------				
114		n-butylbenzene		----------NA----------				
115		1,2-dibromo-3-chloropropa		----------NA----------				
116		1,3,5-trichlorobenzene		----------NA----------				
117		1,2,4-trichlorobenzene		----------NA----------				
118		hexachlorobutadiene		----------NA----------				
119		naphthalene		----------NA----------				
120		1,2,3-trichlorobenzene		----------NA----------				
121		hexachloroethane	0.299	0.138	53.8	68	0.00	7.09
122		benzyl chloride	0.332	0.150	54.8	68	0.00	6.98
123		2-methylnaphthalene		----------NA----------				
124		pentafluorobenzene(a)	1.000	1.000	0.0	110	0.00	2.99
125		Freon 142B		----------NA----------				
126		vinyl bromide		----------NA----------				
127		allyl chloride		----------NA----------				
128		1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	117	0.00	6.78
129		4-ethyltoluene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1K13675.D M1K376.M Thu Dec 21 01:35:41 2023

6.7.9

9

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: V1E8736	**Method:** SW846 8260D	**Instrument ID:** GCMS1E

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1E8736-BFB	1E177437.D	10/26/23 15:22	n/a	BFB Tune
V1E8736-IC8736	1E177439.D	10/26/23 16:19	n/a	Initial cal 0.2
V1E8736-IC8736	1E177441.D	10/26/23 16:46	n/a	Initial cal 0.5
V1E8736-IC8736	1E177443.D	10/26/23 17:14	n/a	Initial cal 1
V1E8736-IC8736	1E177445.D	10/26/23 17:41	n/a	Initial cal 2
V1E8736-IC8736	1E177447.D	10/26/23 18:09	n/a	Initial cal 4
V1E8736-IC8736	1E177449.D	10/26/23 18:36	n/a	Initial cal 8
V1E8736-IC8736	1E177451.D	10/26/23 19:03	n/a	Initial cal 20
V1E8736-ICC8736	1E177453.D	10/26/23 19:31	n/a	Initial cal 50
V1E8736-IC8736	1E177455.D	10/26/23 19:58	n/a	Initial cal 100
V1E8736-IC8736	1E177457.D	10/26/23 20:26	n/a	Initial cal 200
V1E8736-ICV8736	1E177463.D	10/26/23 21:48	n/a	Initial cal verification 50
V1E8736-ICV8736	1E177465.D	10/26/23 22:15	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: V1E8774 **Method:** SW846 8260D **Instrument ID:** GCMS1E

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1E8774-CC8736	1E179178.D	12/21/23 09:01	n/a	Continuing cal 20
V1E8774-BS	1E179180.D	12/21/23 09:57	n/a	Blank Spike
V1E8774-MB	1E179184.D	12/21/23 10:51	n/a	Method Blank
ZZZZZZ	1E179186.D	12/21/23 11:30	n/a	(unrelated sample)
JD79113-1	1E179188.D	12/21/23 11:57	n/a	MW-12-121423
ZZZZZZ	1E179190.D	12/21/23 12:24	n/a	(unrelated sample)
ZZZZZZ	1E179192.D	12/21/23 12:51	n/a	(unrelated sample)
ZZZZZZ	1E179194.D	12/21/23 13:18	n/a	(unrelated sample)
ZZZZZZ	1E179196.D	12/21/23 13:45	n/a	(unrelated sample)
ZZZZZZ	1E179198.D	12/21/23 14:12	n/a	(unrelated sample)
ZZZZZZ	1E179200.D	12/21/23 14:39	n/a	(unrelated sample)
ZZZZZZ	1E179202.D	12/21/23 15:06	n/a	(unrelated sample)
JD79224-4MS	1E179204.D	12/21/23 15:34	n/a	Matrix Spike
JD79224-4MSD	1E179206.D	12/21/23 16:01	n/a	Matrix Spike Duplicate
ZZZZZZ	1E179210.D	12/21/23 16:55	n/a	(unrelated sample)
JD79224-4	1E179212.D	12/21/23 17:22	n/a	(used for QC only; not part of job JD79113)
ZZZZZZ	1E179214.D	12/21/23 17:49	n/a	(unrelated sample)
ZZZZZZ	1E179216.D	12/21/23 18:16	n/a	(unrelated sample)
ZZZZZZ	1E179218.D	12/21/23 18:43	n/a	(unrelated sample)
ZZZZZZ	1E179220.D	12/21/23 19:10	n/a	(unrelated sample)
ZZZZZZ	1E179222.D	12/21/23 19:37	n/a	(unrelated sample)
ZZZZZZ	1E179224.D	12/21/23 20:04	n/a	(unrelated sample)

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: V1K376	**Method:** SW846 8260D	**Instrument ID:** GCMS1K

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1K376-BFB	1K13669.D	12/02/23 12:51	n/a	BFB Tune
V1K376-IC376	1K13671.D	12/02/23 13:45	n/a	Initial cal 0.2
V1K376-IC376	1K13673.D	12/02/23 14:17	n/a	Initial cal 0.5
V1K376-IC376	1K13675.D	12/02/23 14:50	n/a	Initial cal 1
V1K376-IC376	1K13677.D	12/02/23 15:22	n/a	Initial cal 2
V1K376-IC376	1K13679.D	12/02/23 15:55	n/a	Initial cal 4
V1K376-IC376	1K13681.D	12/02/23 16:27	n/a	Initial cal 8
V1K376-IC376	1K13683.D	12/02/23 17:00	n/a	Initial cal 20
V1K376-ICC376	1K13685.D	12/02/23 17:32	n/a	Initial cal 50
V1K376-IC376	1K13687.D	12/02/23 18:05	n/a	Initial cal 100
V1K376-IC376	1K13689.D	12/02/23 18:37	n/a	Initial cal 200
V1K376-ICV376	1K13695.D	12/02/23 20:15	n/a	Initial cal verification 50
V1K376-ICV376	1K13697.D	12/02/23 20:48	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: V1K391	**Method:** SW846 8260D	**Instrument ID:** GCMS1K

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1K391-BFB	1K14348.D	12/20/23 09:38	n/a	BFB Tune
V1K391-CC376	1K14348.D	12/20/23 09:38	n/a	Continuing cal 20
V1K391-CC376	1K14350.D	12/20/23 10:25	n/a	Continuing cal 1
V1K391-BS	1K14352.D	12/20/23 10:58	n/a	Blank Spike
V1K391-MB	1K14356.D	12/20/23 12:03	n/a	Method Blank
ZZZZZZ	1K14358.D	12/20/23 12:36	n/a	(unrelated sample)
ZZZZZZ	1K14360.D	12/20/23 13:08	n/a	(unrelated sample)
ZZZZZZ	1K14362.D	12/20/23 13:41	n/a	(unrelated sample)
ZZZZZZ	1K14364.D	12/20/23 14:13	n/a	(unrelated sample)
JD78872-5	1K14366.D	12/20/23 14:46	n/a	(used for QC only; not part of job JD79113)
ZZZZZZ	1K14368.D	12/20/23 15:18	n/a	(unrelated sample)
JD79113-1	1K14370.D	12/20/23 15:51	n/a	MW-12-121423
ZZZZZZ	1K14372.D	12/20/23 16:23	n/a	(unrelated sample)
ZZZZZZ	1K14374.D	12/20/23 16:56	n/a	(unrelated sample)
ZZZZZZ	1K14376.D	12/20/23 17:28	n/a	(unrelated sample)
JD78872-5MS	1K14378.D	12/20/23 18:01	n/a	Matrix Spike
JD78872-5MSD	1K14380.D	12/20/23 18:34	n/a	Matrix Spike Duplicate
JD78872-5	1K14382.D	12/20/23 19:06	n/a	(used for QC only; not part of job JD79113)
ZZZZZZ	1K14384.D	12/20/23 19:39	n/a	(unrelated sample)
ZZZZZZ	1K14386.D	12/20/23 20:11	n/a	(unrelated sample)
ZZZZZZ	1K14388.D	12/20/23 20:44	n/a	(unrelated sample)

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179188.D
Acq On : 21 Dec 2023 11:57 am
Operator : NICKW
Sample : jd79113-1 Inst : GCMS-E
Misc : MS76268,V1E8774,5,,,,10
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 21 18:04:49 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

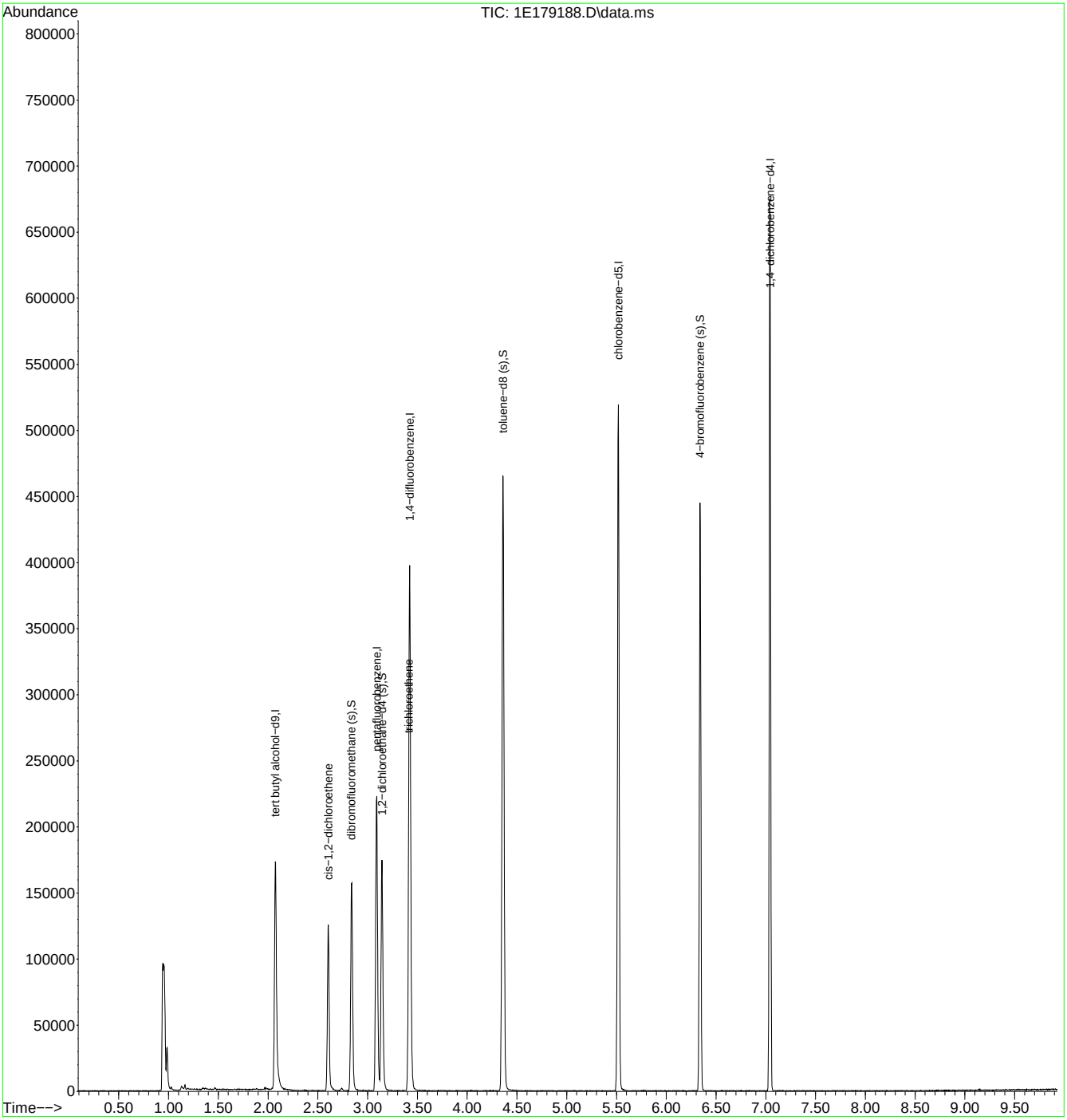
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.072	65	125618	500.00	ug/L	0.00
5) pentafluorobenzene	3.091	168	107763	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.422	114	213241	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	191235	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	100353	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.837	113	65725	45.67	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 91.34%			
51) 1,2-dichloroethane-d4 (s)	3.143	65	81171	55.43	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 110.86%			
73) toluene-d8 (s)	4.361	98	239415	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
96) 4-bromofluorobenzene (s)	6.339	95	96416	53.68	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 107.36%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	2.606	96	33399	23.1557	ug/L #	81
60) trichloroethene	3.413	130	10083	6.7607	ug/L	97

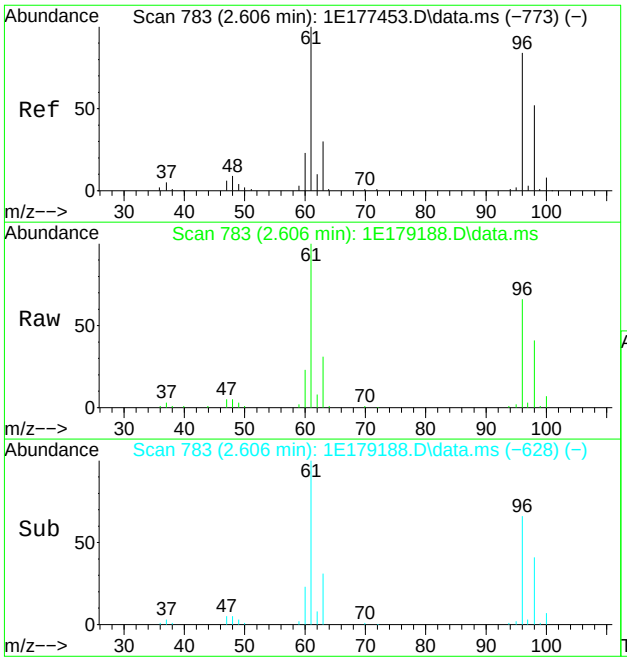
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179188.D
Acq On : 21 Dec 2023 11:57 am
Operator : NICKW
Sample : jd79113-1 Inst : GCMS-E
Misc : MS76268,V1E8774,5,,,,10
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 21 18:04:49 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

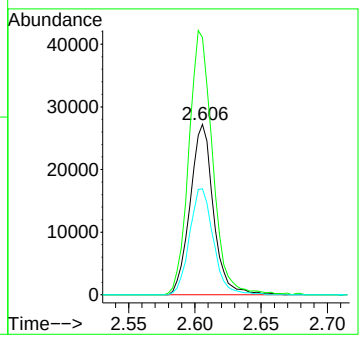


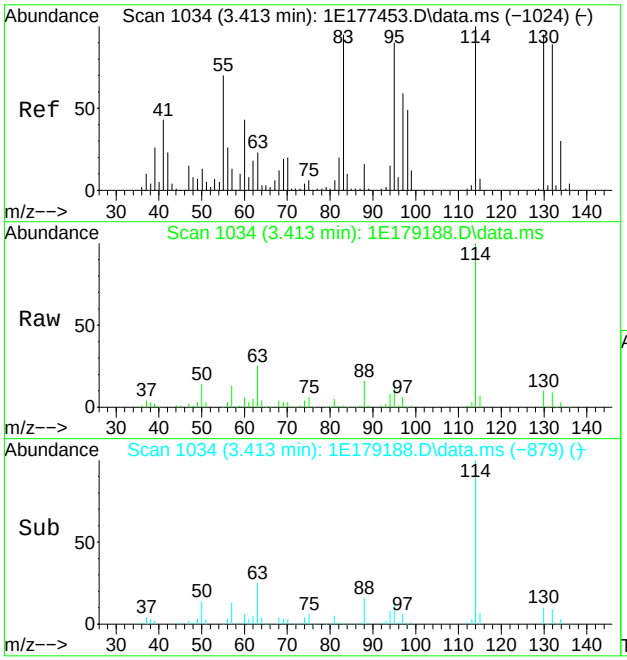


#36
cis-1,2-dichloroethene
Concen: 23.1557 ug/L
RT: 2.606 min Scan# 783
Delta R.T. -0.000 min
Lab File: 1E179188.D
Acq: 21 Dec 2023 11:57 am

Tgt Ion: 96 Resp: 33399

Ion	Ratio	Lower	Upper
96	100		
61	150.9	89.1	149.1#
98	62.2	31.8	91.8

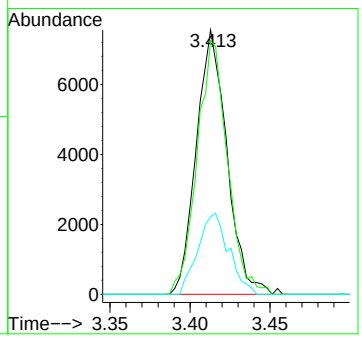




#60
trichloroethene
Concen: 6.7607 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E179188.D
Acq: 21 Dec 2023 11:57 am

Tgt Ion:130 Resp: 10083

Ion	Ratio	Lower	Upper
130	100		
132	95.9	63.8	123.8
134	29.4	1.3	61.3



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14370.d
Acq On : 20 Dec 2023 3:51 pm
Operator : louied
Sample : jd79113-1 Inst : GCMS K
Misc : MS76268,V1K391,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 21 01:54:03 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

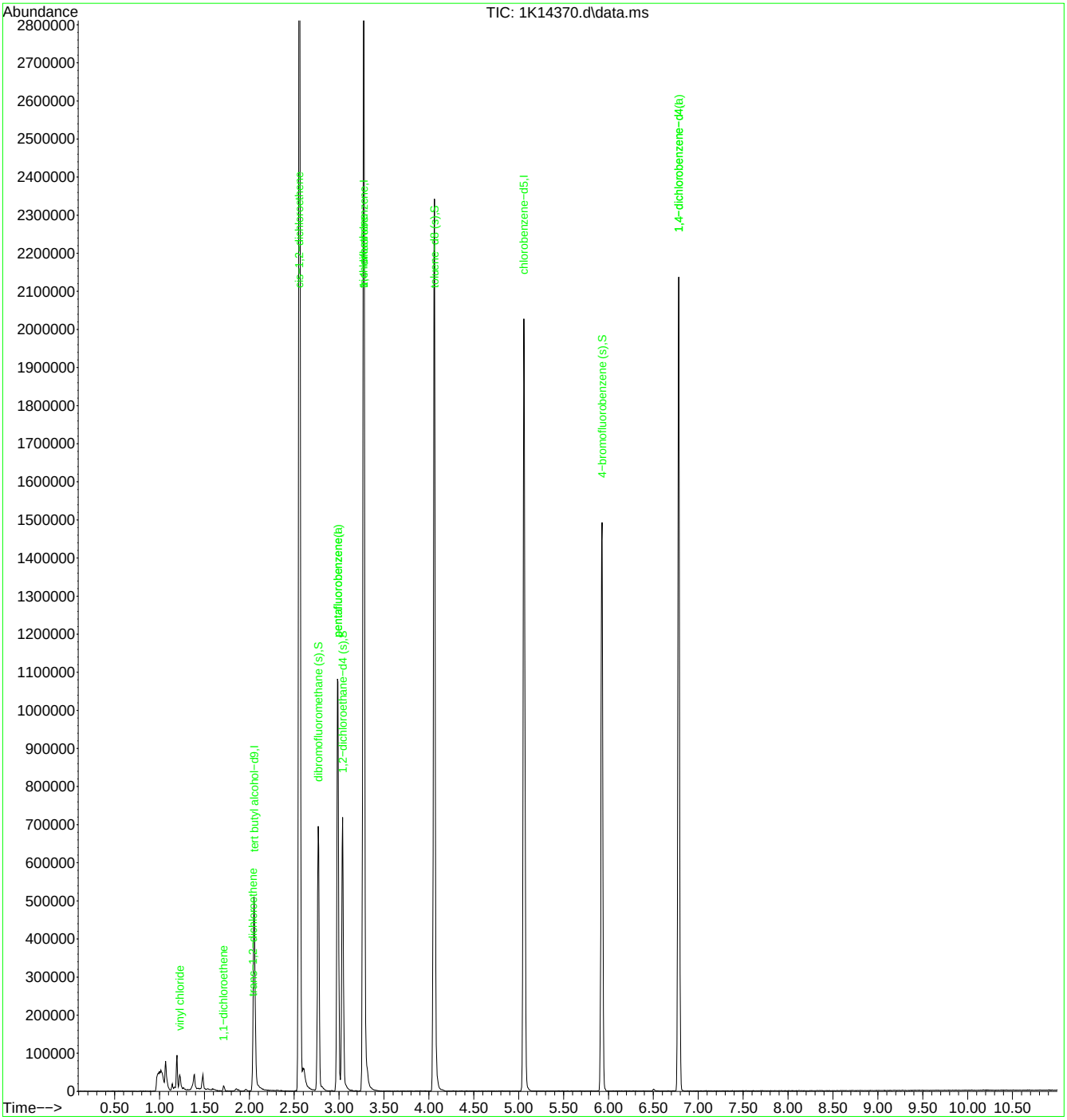
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.054	65	394332	500.00	ug/L	0.00
5) pentafluorobenzene	2.987	168	523082	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.275	114	1015393	50.00	ug/L	0.00
72) chlorobenzene-d5	5.058	117	913152	50.00	ug/L	0.00
96) 1,4-dichlorobenzene-d4	6.783	152	437729	50.00	ug/L	0.00
124) pentafluorobenzene(a)	2.987	168	523082	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	437729	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.767	113	286724	54.20	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 108.40%			
51) 1,2-dichloroethane-d4 (s)	3.039	65	322471	49.21	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.42%			
73) toluene-d8 (s)	4.062	98	1183361	47.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.46%			
97) 4-bromofluorobenzene (s)	5.928	95	422610	48.94	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.88%			
Target Compounds						Qvalue
9) vinyl chloride	1.225	62	25566	4.8387	ug/L	91
17) 1,1-dichloroethene	1.713	61	5131	0.8006	ug/L	93
25) trans-1,2-dichloroethene	2.038	96	4408	1.0201	ug/L	94
36) cis-1,2-dichloroethene	2.557	96	1116610	230.3482	ug/L	98
60) trichloroethene	3.270	130	367959	72.8546	ug/L	96

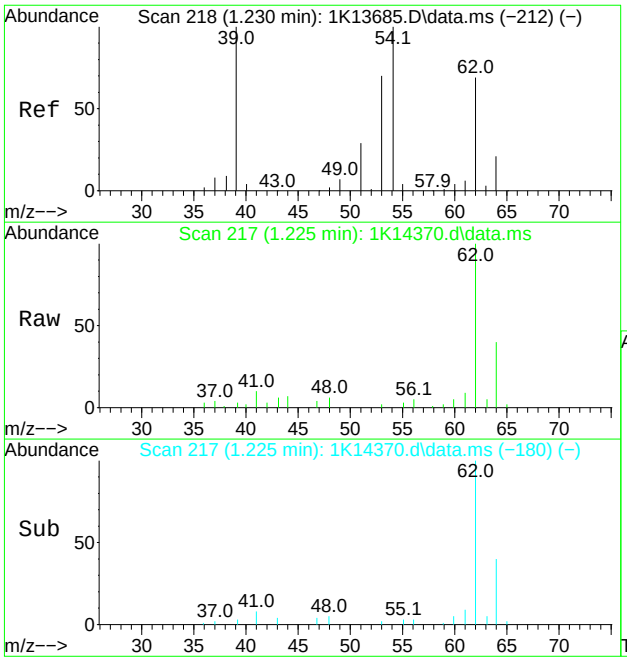
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14370.d
Acq On : 20 Dec 2023 3:51 pm
Operator : louied
Sample : jd79113-1 Inst : GCMS K
Misc : MS76268,V1K391,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 21 01:54:03 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

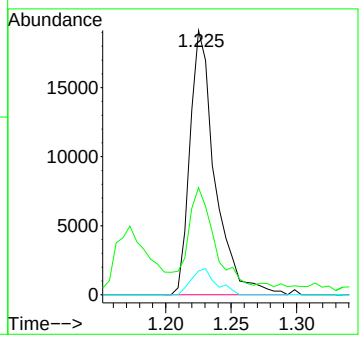


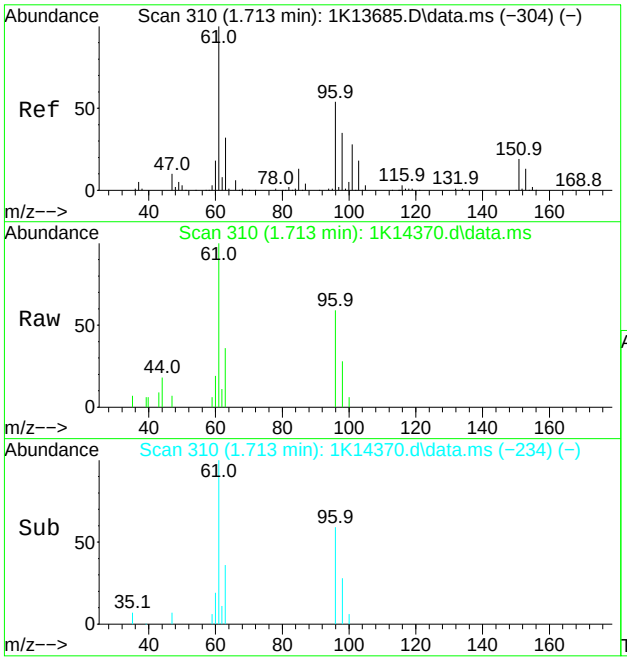


#9
vinyl chloride
Concen: 4.8387 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K14370.d
Acq: 20 Dec 2023 3:51 pm

Tgt Ion: 62 Resp: 25566

Ion	Ratio	Lower	Upper
62	100		
64	37.4	1.3	61.3
61	9.0	0.0	39.1

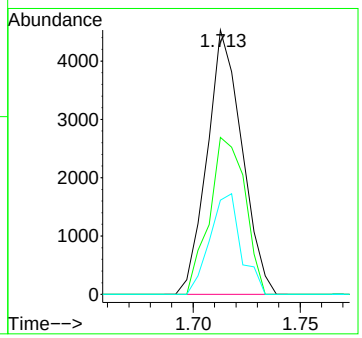


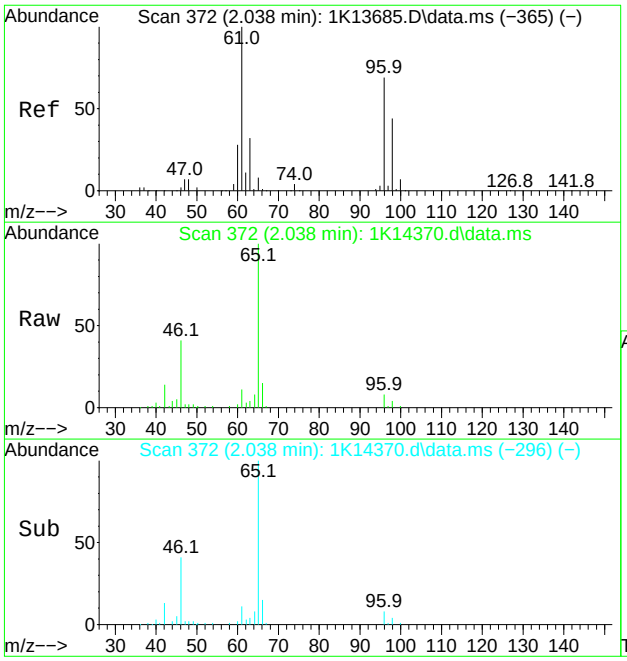


#17
1,1-dichloroethene
Concen: 0.8006 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.000 min
Lab File: 1K14370.d
Acq: 20 Dec 2023 3:51 pm

Tgt Ion: 61 Resp: 5131

Ion	Ratio	Lower	Upper
61	100		
96	59.3	24.4	84.4
63	35.6	2.1	62.1

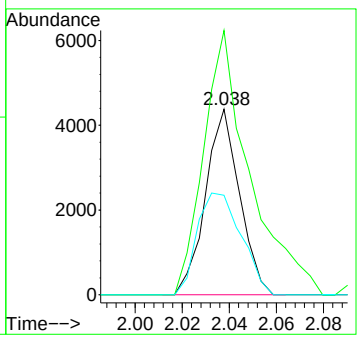


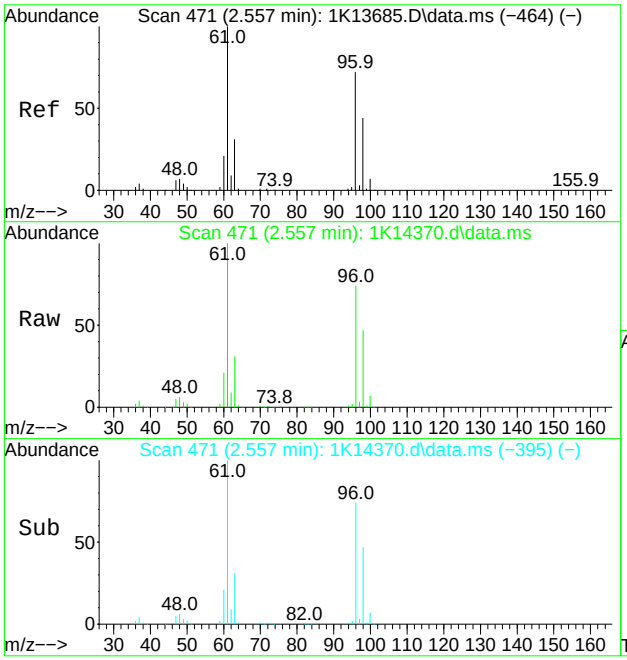


#25
trans-1,2-dichloroethene
Concen: 1.0201 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K14370.d
Acq: 20 Dec 2023 3:51 pm

Tgt Ion: 96 Resp: 4408

Ion	Ratio	Lower	Upper
96	100		
61	142.5	115.9	175.9
98	53.7	34.7	94.7

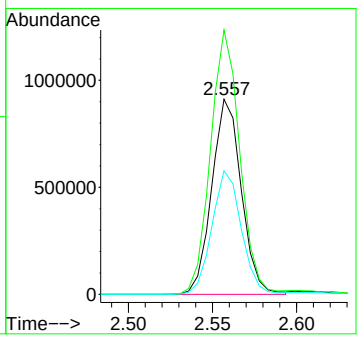


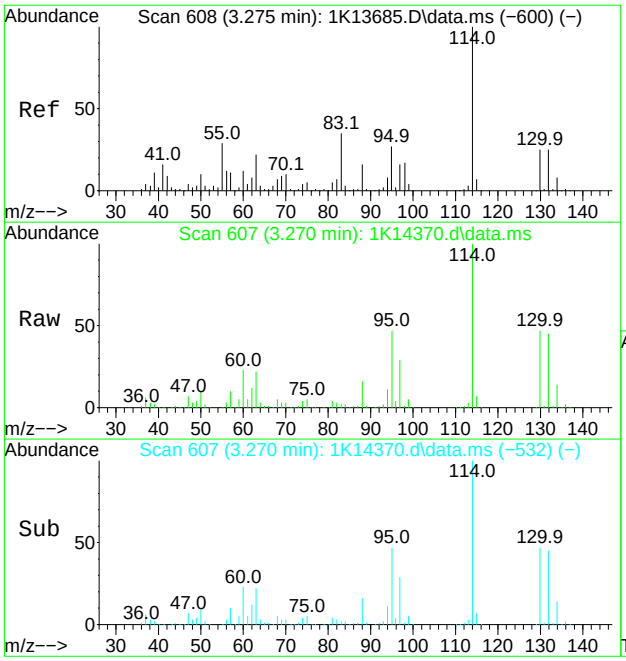


#36
cis-1,2-dichloroethene
Concen: 230.3482 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K14370.d
Acq: 20 Dec 2023 3:51 pm

Tgt Ion: 96 Resp: 1116610

Ion	Ratio	Lower	Upper
96	100		
61	135.6	108.4	168.4
98	63.4	31.4	91.4

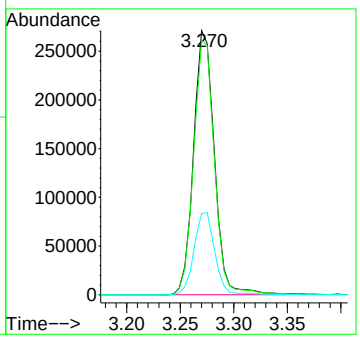




#60
trichloroethene
Concen: 72.8546 ug/L
RT: 3.270 min Scan# 607
Delta R.T. -0.005 min
Lab File: 1K14370.d
Acq: 20 Dec 2023 3:51 pm

Tgt Ion:130 Resp: 367959

Ion	Ratio	Lower	Upper
130	100		
132	96.3	70.3	130.3
134	30.7	2.0	62.0



Quantitation Report (QT/LSC Reviewed)

Data Path : R:\MSVOA\Done\Batch\2023\December\12-21-2023\kristelv\v1k391\
Data File : 1K14356.d
Acq On : 20 Dec 2023 12:03 pm
Operator : louied
Sample : mb Inst : GCMS K
Misc : MS46075,V1K391,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 26 08:19:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

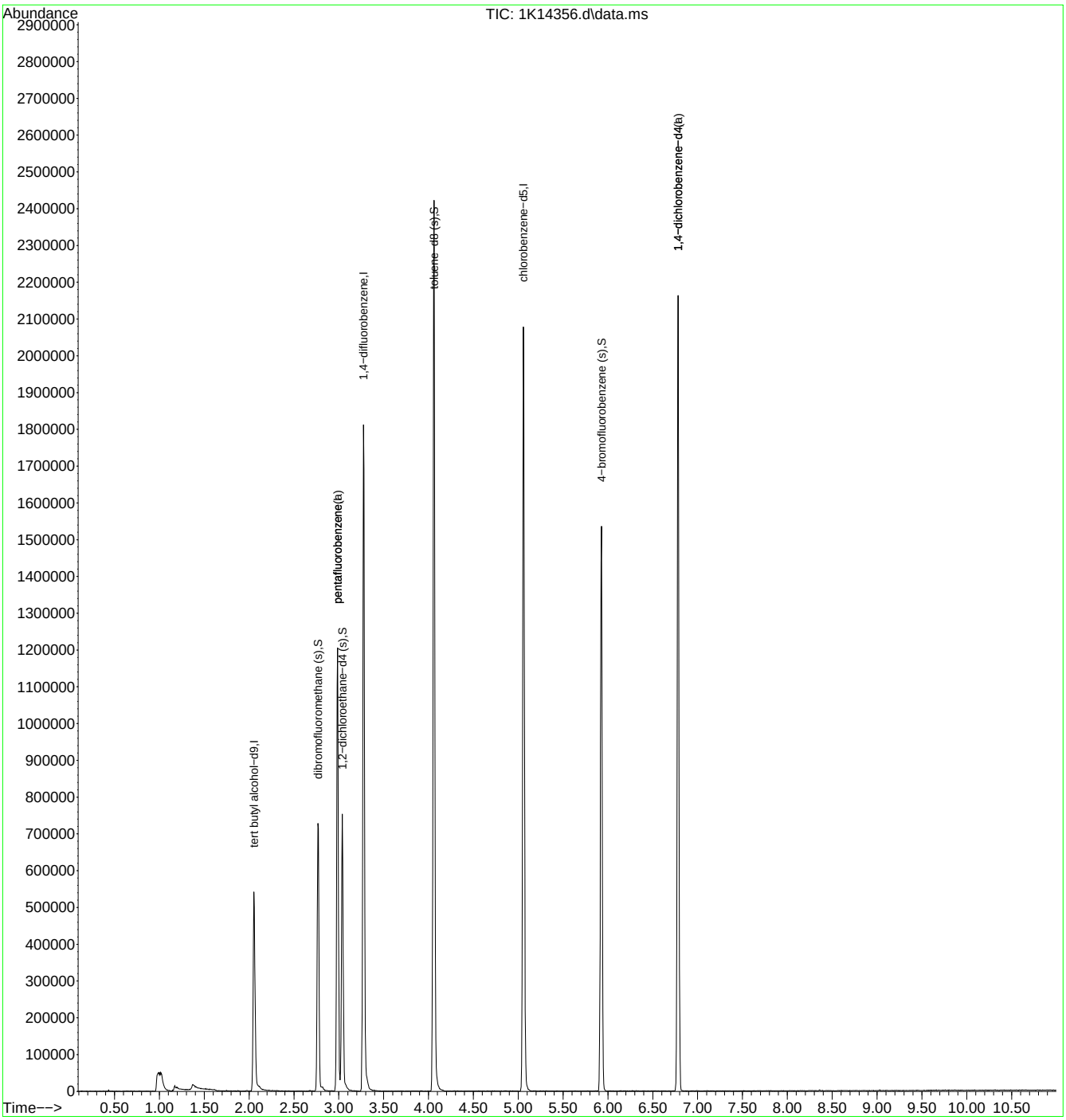
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.053	65	423638	500.00	ug/L	0.00
5) pentafluorobenzene	2.987	168	559481	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.275	114	1070958	50.00	ug/L	0.00
72) chlorobenzene-d5	5.058	117	925431	50.00	ug/L	0.00
96) 1,4-dichlorobenzene-d4	6.783	152	442309	50.00	ug/L	0.00
124) pentafluorobenzene(a)	2.987	168	559481	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	442309	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.766	113	302167	53.40	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 106.80%			
51) 1,2-dichloroethane-d4 (s)	3.039	65	347023	50.21	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.42%			
73) toluene-d8 (s)	4.061	98	1229106	48.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.82%			
97) 4-bromofluorobenzene (s)	5.928	95	425604	48.77	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.54%			
Target Compounds						Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : R:\MSVOA\Done\Batch\2023\December\12-21-2023\kristelv\v1k391\
Data File : 1K14356.d
Acq On : 20 Dec 2023 12:03 pm
Operator : louied
Sample : mb Inst : GCMS K
Misc : MS46075,V1K391,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 26 08:19:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration



Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179184.D
Acq On : 21 Dec 2023 10:51 am
Operator : NICKW
Sample : mb Inst : GCMS-E
Misc : MS46075,V1E8774,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 17:22:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

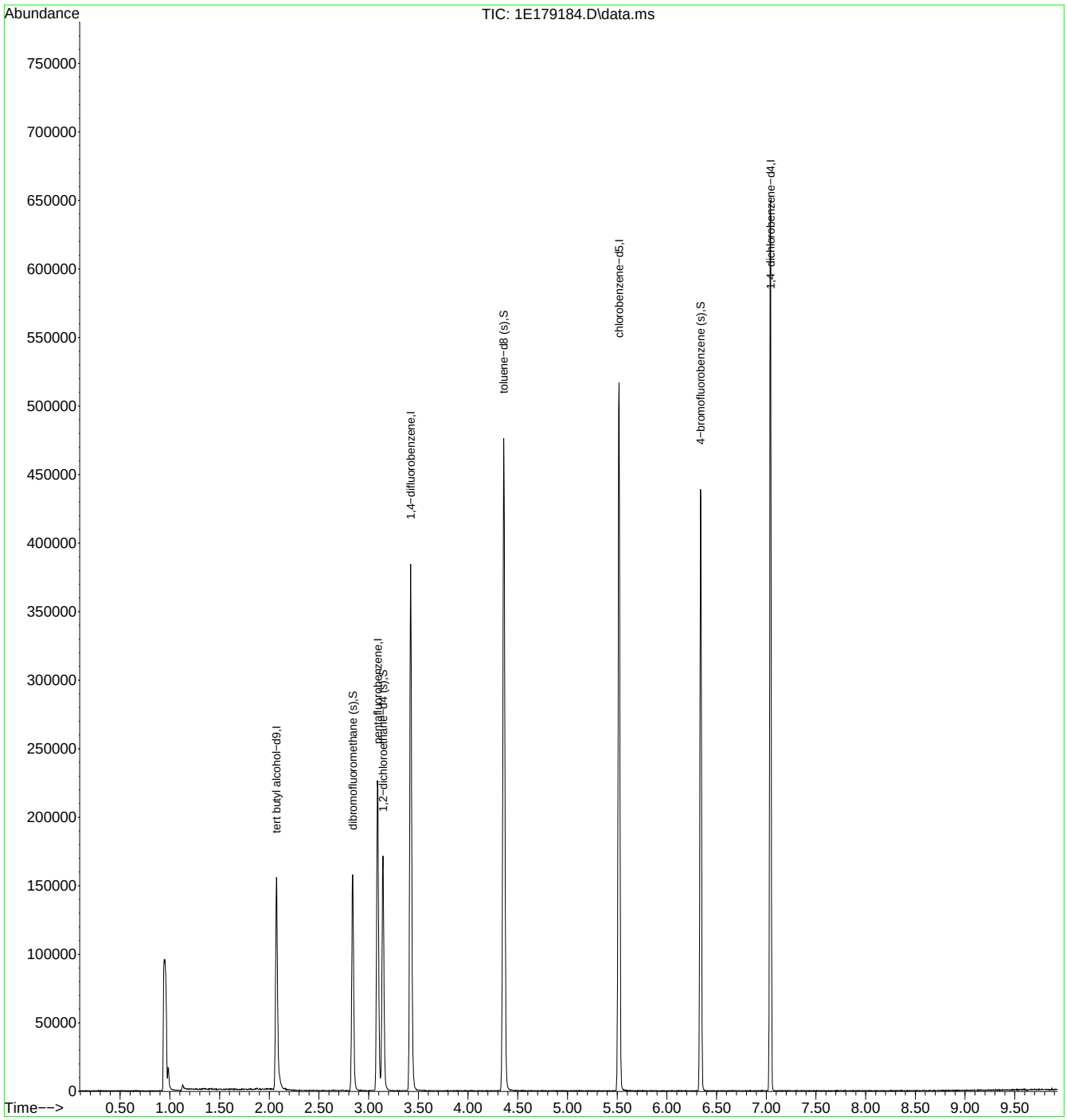
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.072	65	108928	500.00	ug/L	0.00
5) pentafluorobenzene	3.091	168	109816	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.423	114	217946	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	191005	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	100975	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.841	113	66529	45.37	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 90.74%			
51) 1,2-dichloroethane-d4 (s)	3.143	65	80617	53.87	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 107.74%			
73) toluene-d8 (s)	4.358	98	242774	50.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.68%			
96) 4-bromofluorobenzene (s)	6.339	95	96273	53.27	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 106.54%			
Target Compounds						Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179184.D
Acq On : 21 Dec 2023 10:51 am
Operator : NICKW
Sample : mb Inst : GCMS-E
Misc : MS46075,V1E8774,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 17:22:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14352.d
Acq On : 20 Dec 2023 10:58 am
Operator : louied
Sample : bs Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 01:36:52 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	524062	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	585986	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	1160077	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	969915	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	465857	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	585986	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	465857	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.766	113	314352	53.04	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 106.08%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	361252	48.25	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 96.50%				
73) toluene-d8 (s)	4.061	98	1298662	48.80	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.60%				
97) 4-bromofluorobenzene (s)	5.928	95	449114	48.87	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.74%				
Target Compounds							Qvalue
2) ethanol	1.671	45	568688	4650.9180	ug/L		99
3) tertiary butyl alcohol	2.090	59	317636	232.8827	ug/L		94
4) 1,4-dioxane	3.689	88	141403	1335.6079	ug/L		93
6) chlorodifluoromethane	1.115	51	302402	40.1943	ug/L		97
7) dichlorodifluoromethane	1.089	85	273640	58.4908	ug/L		98
8) chloromethane	1.193	50	221605	43.0980	ug/L		100
9) vinyl chloride	1.225	62	293951	49.6615	ug/L		99
10) 1,3-butadiene	1.230	39	312889	51.1099	ug/L		93
11) bromomethane	1.372	96	111668	105.3062	ug/L	#	98
12) chloroethane	1.429	64	238815	73.0088	ug/L		97
13) trichlorofluoromethane	1.487	101	508225	77.7406	ug/L		99
14) ethyl ether	1.613	74	159591	57.2952	ug/L		89
15) acrolein	1.854	56	68113	49.0728	ug/L		98
16) freon 113	1.723	151	168212	46.8281	ug/L		97
17) 1,1-dichloroethene	1.713	61	321192	44.7339	ug/L		97
18) acetone	1.980	58	263121	228.1100	ug/L		95
19) acetonitrile	2.190	41	506265	529.0581	ug/L		98
20) iodomethane	1.791	142	158129	46.1170	ug/L		95
21) carbon disulfide	1.749	76	584160	43.0694	ug/L		98
22) methylene chloride	1.969	84	227534	43.9535	ug/L		97
23) methyl acetate	2.022	74	64045	48.6980	ug/L		91
24) methyl tert butyl ether	2.069	73	716893	47.1630	ug/L		88
25) trans-1,2-dichloroethene	2.038	96	225333	46.5494	ug/L		96
26) hexane	2.064	57	575115	44.6195	ug/L		98
27) di-isopropyl ether	2.232	45	841258	51.1728	ug/L		98
28) ethyl tert-butyl ether	2.394	59	827450	48.1528	ug/L		99
29) 2-butanone	2.814	72	268143	212.5758	ug/L		98
30) 1,1-dichloroethane	2.310	63	424266	44.2648	ug/L		99
31) chloroprene	2.300	53	396047	43.5197	ug/L		98
32) acrylonitrile	2.331	52	118476	45.2264	ug/L		100
33) vinyl acetate	2.399	86	68110	57.3433	ug/L	#	87
34) ethyl acetate	2.714	70	39472	48.4044	ug/L		87
35) 2,2-dichloropropane	2.614	77	342161	44.3058	ug/L		99
36) cis-1,2-dichloroethene	2.557	96	251301	46.2765	ug/L		94
37) propionitrile	2.971	54	695605	439.2436	ug/L		96
38) methyl acrylate	2.730	85	66495	48.2695	ug/L	#	82
39) bromochloromethane	2.656	128	125356	52.2981	ug/L	#	86
40) tetrahydrofuran	2.761	71	51571	45.0284	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14352.d
Acq On : 20 Dec 2023 10:58 am
Operator : louied
Sample : bs Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 01:36:52 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	129696	41.9574	ug/L		91
43) methacrylonitrile	2.981	67	142933	43.2800	ug/L		97
44) 1,1,1-trichloroethane	2.793	97	374179	47.4798	ug/L		96
45) cyclohexane	2.667	84	398549	45.8650	ug/L		98
46) 1,1-dichloropropene	2.850	75	325210	45.6604	ug/L		96
47) carbon tetrachloride	2.766	117	300068	43.5895	ug/L		98
48) isobutyl alcohol	3.013	43	461499	430.8999	ug/L		98
49) tert-amyl alcohol	3.091	55	141295	257.7714	ug/L	#	71
52) iso-octane	2.897	57	724070	40.7304	ug/L		95
53) benzene	2.976	78	972060	42.5131	ug/L		99
54) tert-amyl methyl ether	3.013	73	753529	43.1715	ug/L		98
55) heptane	2.939	57	142832	43.8899	ug/L		91
56) isopropyl acetate	3.165	87	80438	48.1429	ug/L	#	92
57) 1,2-dichloroethane	3.070	62	347544	42.4003	ug/L		97
58) n-butyl alcohol	3.401	56	861555	1946.3355	ug/L		99
59) ethyl acrylate	3.532	55	437895	42.5151	ug/L		100
60) trichloroethene	3.275	130	264260	45.7969	ug/L		95
61) 2-nitropropane	4.224	41	79268	27.4267	ug/L		93
62) 2-chloroethyl vinyl ether	3.894	63	697719	212.4885	ug/L		98
63) methyl methacrylate	3.652	100	87903	47.3043	ug/L	#	88
64) 1,2-dichloropropane	3.558	63	249901	42.4524	ug/L		92
65) methylcyclohexane	3.275	98	197598	44.2873	ug/L	#	99
66) dibromomethane	3.500	93	153154	45.5554	ug/L		96
67) bromodichloromethane	3.584	83	304066	42.6345	ug/L		100
68) epichlorohydrin	4.088	57	237275	198.8140	ug/L		95
69) cis-1,3-dichloropropene	3.946	75	389400	43.1128	ug/L		96
70) 4-methyl-2-pentanone	4.308	58	605900	180.7468	ug/L		98
71) 3-methyl-1-butanol	4.166	70	281347	788.7372	ug/L		93
74) toluene	4.093	92	606798	43.4756	ug/L		99
75) ethyl methacrylate	4.423	69	348265	44.1355	ug/L		98
76) trans-1,3-dichloropropene	4.339	75	371033	43.6406	ug/L		98
77) 1,1,2-trichloroethane	4.444	83	182452	44.6066	ug/L		96
78) tetrachloroethene	4.339	166	246981	43.7847	ug/L		98
79) 2-hexanone	4.848	58	704354	185.3525	ug/L		99
80) 1,3-dichloropropane	4.622	76	400140	44.5009	ug/L		98
81) butyl acetate	4.785	56	228760	44.5641	ug/L		98
82) dibromochloromethane	4.560	129	244344	48.9799	ug/L		98
83) 1,2-dibromoethane	4.722	107	243340	46.9667	ug/L		98
84) n-butyl ether	4.995	57	1131528	42.0058	ug/L		99
85) chlorobenzene	5.073	112	672797	45.4691	ug/L		95
86) 1,1,1,2-tetrachloroethane	5.115	131	231005	47.3032	ug/L		97
87) ethylbenzene	5.084	91	1153512	41.4592	ug/L		98
88) m,p-xylene	5.189	106	926341	89.2944	ug/L		97
89) o-xylene	5.493	106	453190	45.9549	ug/L		92
90) styrene	5.529	104	748278	46.0730	ug/L		99
91) bromoform	5.550	173	151423	43.1087	ug/L		99
92) butyl acrylate	5.613	55	576003	42.3512	ug/L		97
93) isopropylbenzene	5.718	105	1071918	45.5203	ug/L		98
94) n-amyl acetate	5.802	70	217984	44.5660	ug/L		94
95) cis-1,4-dichloro-2-butene	5.970	88	70088	23.9790	ug/L	#	88
98) bromobenzene	6.007	156	275174	45.7685	ug/L		99
99) 1,1,2,2-tetrachloroethane	6.075	83	322209	46.8832	ug/L		97
100) trans-1,4-dichloro-2-b...	6.206	53	75182	26.8164	ug/L		93
101) 1,2,3-trichloropropane	6.180	110	116135	50.6498	ug/L		97
102) n-propylbenzene	6.028	91	1274738	44.0612	ug/L		97
103) 2-chlorotoluene	6.143	126	273553	48.5930	ug/L		92
104) 4-chlorotoluene	6.269	91	799097	43.6038	ug/L		97
105) 1,3,5-trimethylbenzene	6.174	105	927858	46.8666	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14352.d
Acq On : 20 Dec 2023 10:58 am
Operator : louied
Sample : bs Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 01:36:52 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

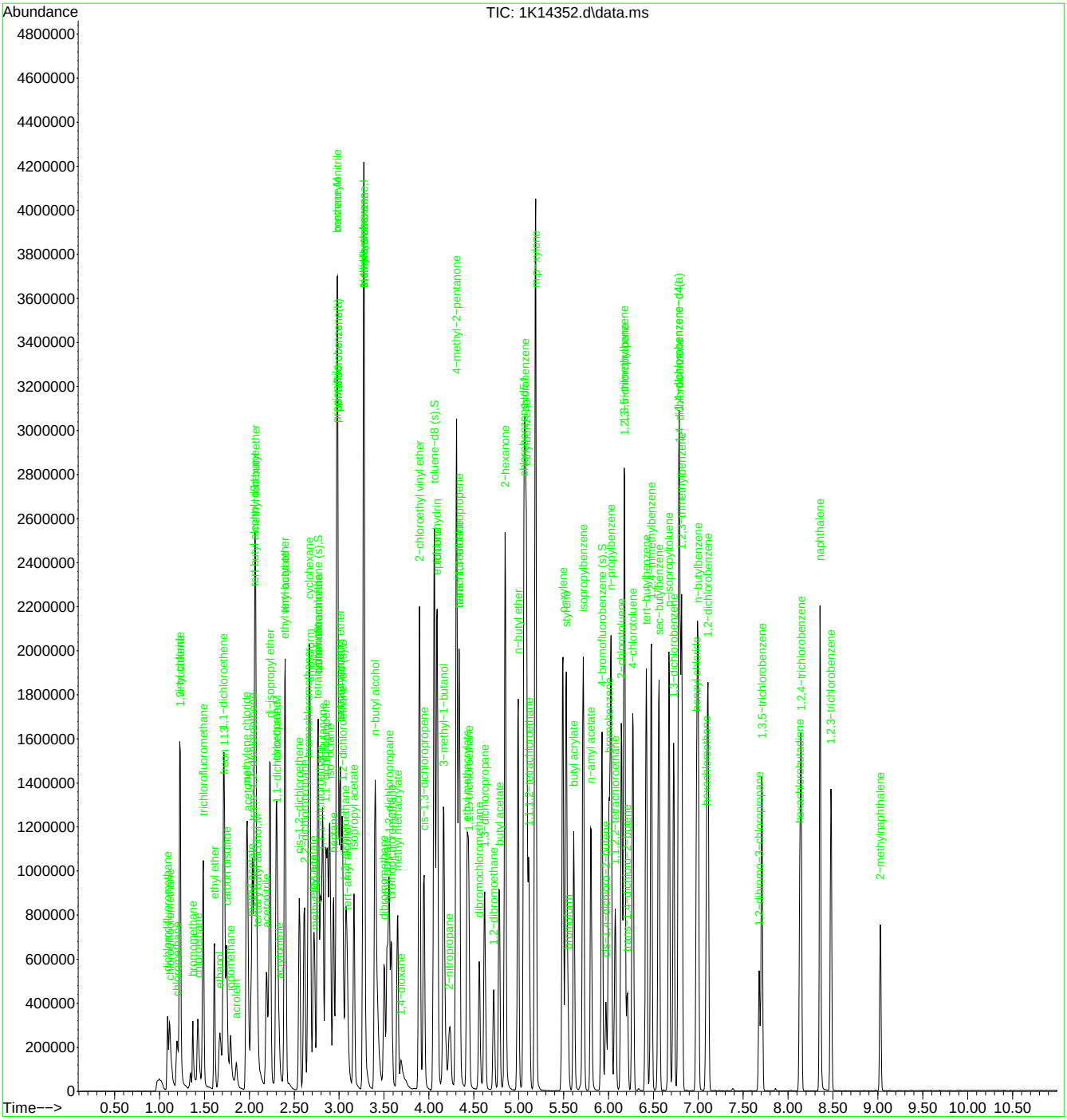
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	795007	47.8953	ug/L	95
107) 1,2,4-trimethylbenzene	6.478	105	958110	46.5640	ug/L	97
108) sec-butylbenzene	6.562	105	1096564	46.7835	ug/L	98
109) 1,3-dichlorobenzene	6.725	146	533680	45.7573	ug/L	99
110) p-isopropyltoluene	6.672	119	972746	49.0067	ug/L	97
111) 1,4-dichlorobenzene	6.793	146	538912	45.7493	ug/L	98
112) 1,2-dichlorobenzene	7.108	146	513650	46.4670	ug/L	99
113) 1,2,3-trimethylbenzene	6.814	105	977396	46.2809	ug/L	100
114) n-butylbenzene	6.998	92	497411	47.0086	ug/L	92
115) 1,2-dibromo-3-chloropr...	7.679	157	106107	46.5970	ug/L	94
116) 1,3,5-trichlorobenzene	7.711	180	331495	45.3453	ug/L	97
117) 1,2,4-trichlorobenzene	8.146	180	303586	45.9218	ug/L	98
118) hexachlorobutadiene	8.130	225	94854	41.0792	ug/L	96
119) naphthalene	8.355	128	1146978	49.6266	ug/L	100
120) 1,2,3-trichlorobenzene	8.476	180	290702	47.1116	ug/L	99
121) hexachloroethane	7.092	119	114702	41.1533	ug/L	94
122) benzyl chloride	6.982	126	138528	44.7546	ug/L	99
123) 2-methylnaphthalene	9.027	142	238934	25.2194	ug/L	98

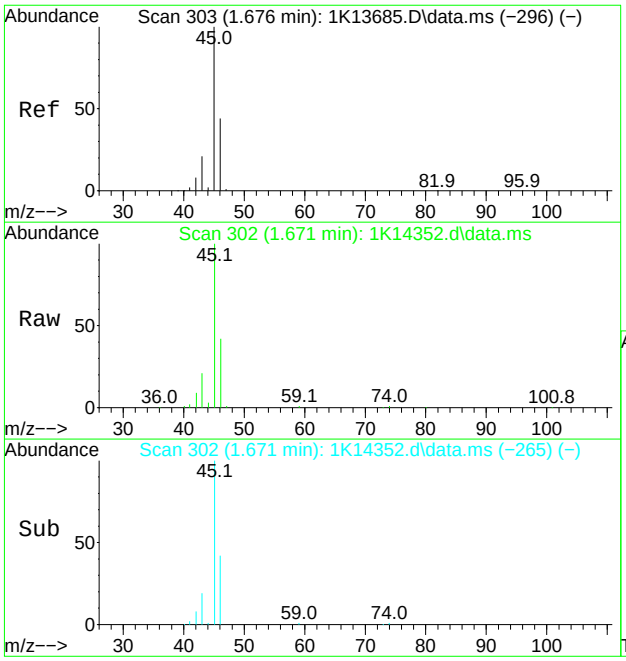
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14352.d
Acq On : 20 Dec 2023 10:58 am
Operator : louied
Sample : bs Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 01:36:52 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

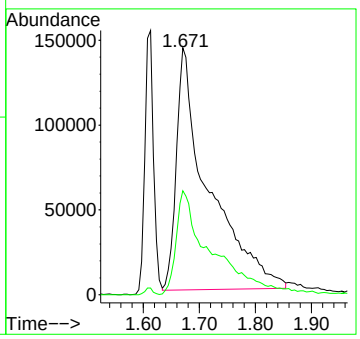


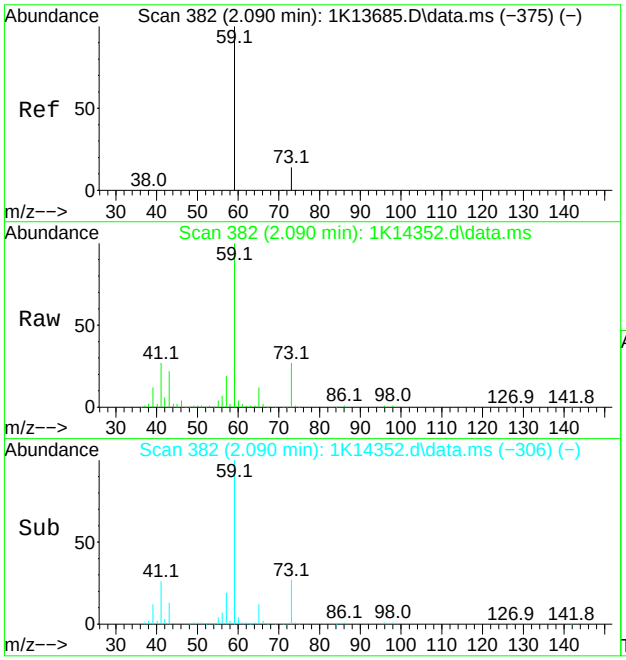


#2
ethanol
Concen: 4650.9180 ug/L
RT: 1.671 min Scan# 302
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 45 Resp: 568688

Ion	Ratio	Lower	Upper
45	100		
46	43.0	23.9	63.9

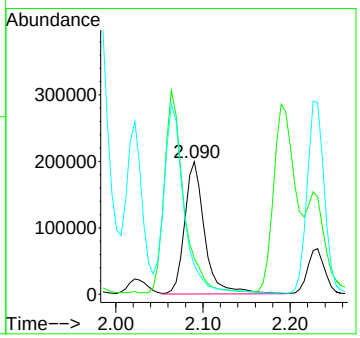


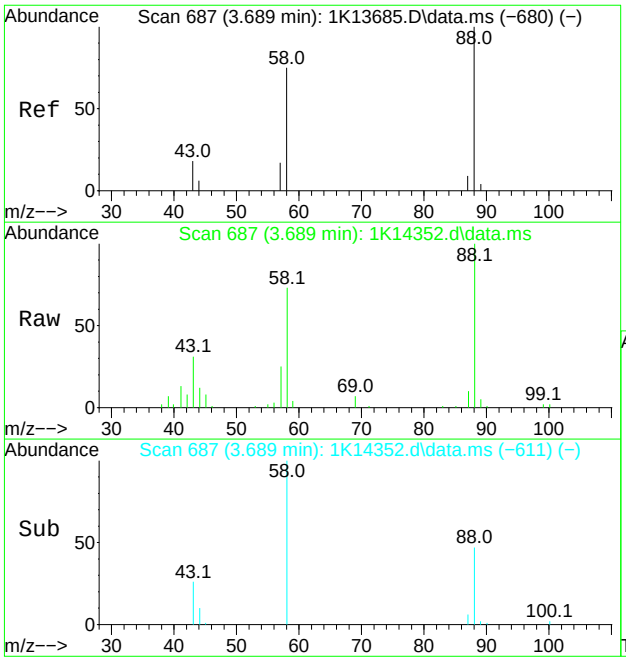


#3
tertiary butyl alcohol
Concen: 232.8827 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 59 Resp: 317636

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	21.7	0.0	54.8

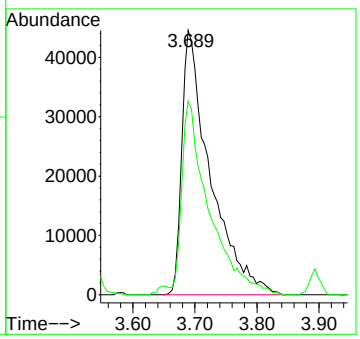


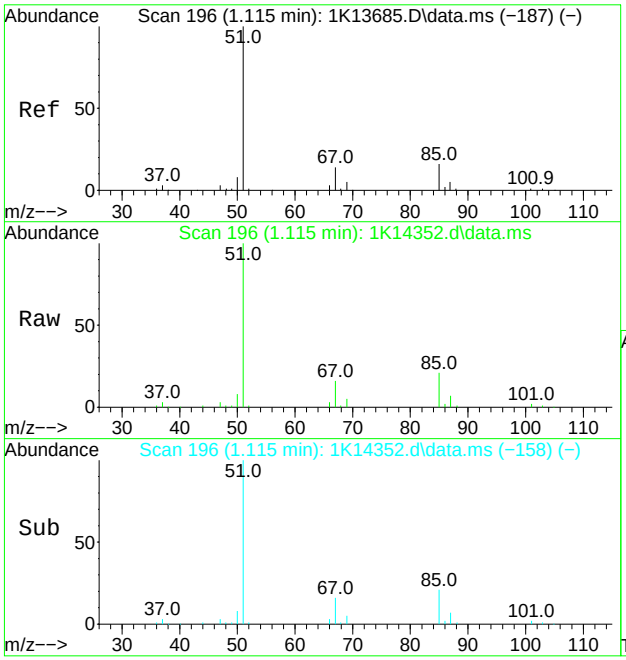


#4
1,4-dioxane
Concen: 1335.6079 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 88 Resp: 141403

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.5	99.5

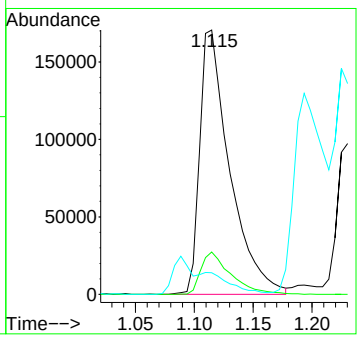


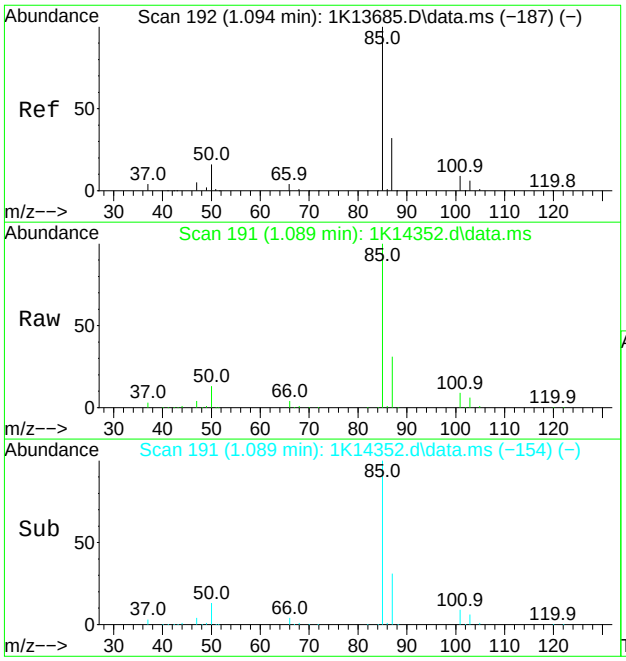


#6
chlorodifluoromethane
Concen: 40.1943 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 51 Resp: 302402

Ion	Ratio	Lower	Upper
51	100		
67	16.0	0.0	44.3
50	7.8	0.0	37.7

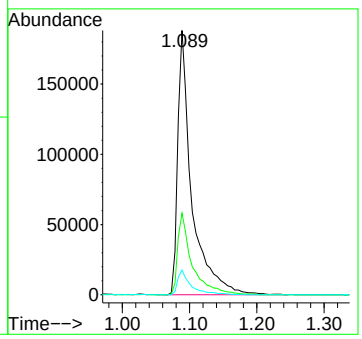


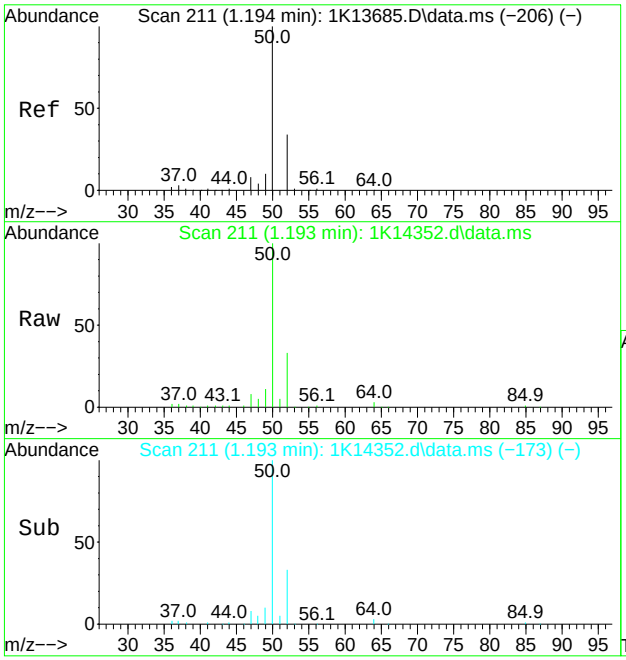


#7
dichlorodifluoromethane
Concen: 58.4908 ug/L
RT: 1.089 min Scan# 191
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 85 Resp: 273640

Ion	Ratio	Lower	Upper
85	100		
87	30.9	2.2	62.2
101	9.3	0.0	39.0

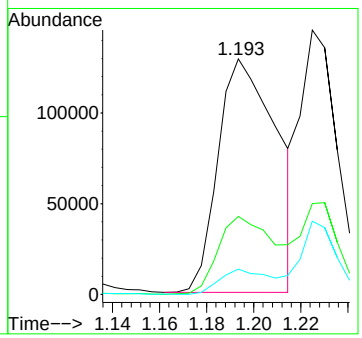


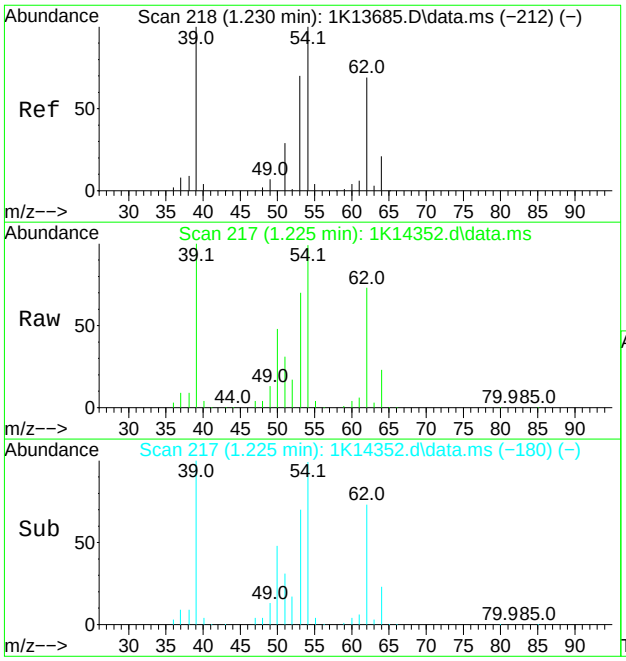


#8
chloromethane
Concen: 43.0980 ug/L
RT: 1.193 min Scan# 211
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 50 Resp: 221605

Ion	Ratio	Lower	Upper
50	100		
52	33.4	3.6	63.6
49	10.6	0.0	40.4

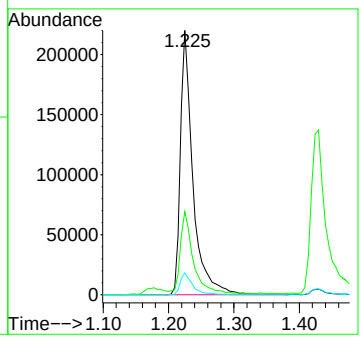


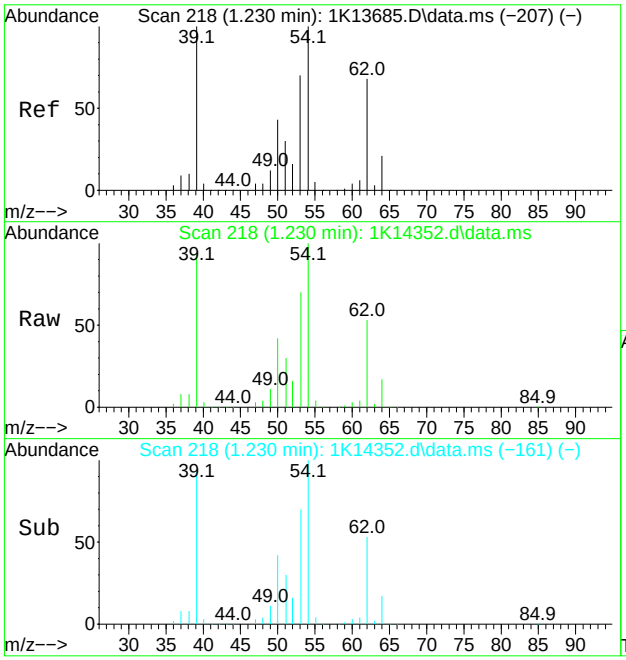


#9
vinyl chloride
Concen: 49.6615 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 62 Resp: 293951

Ion	Ratio	Lower	Upper
62	100		
64	30.9	1.3	61.3
61	8.3	0.0	39.1

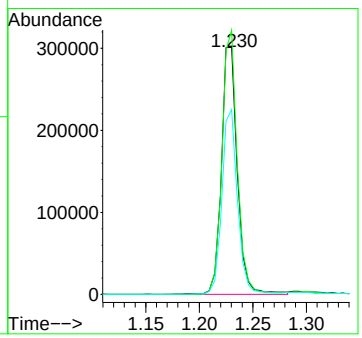


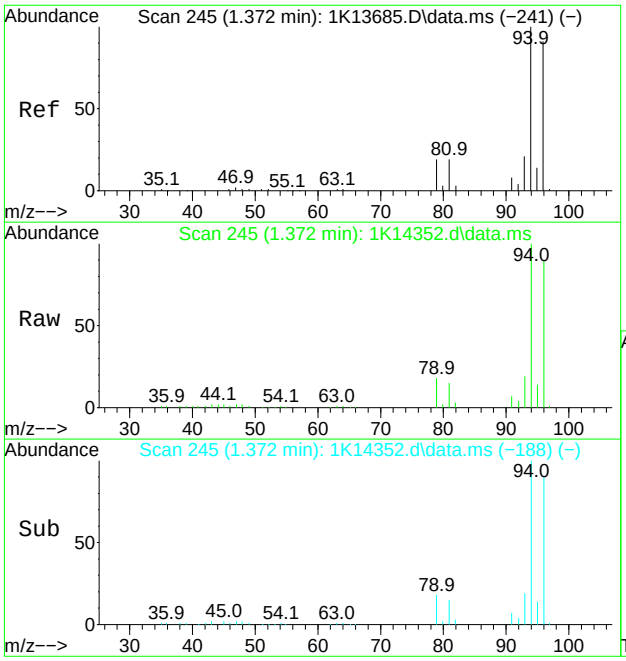


#10
1,3-butadiene
Concen: 51.1099 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 39 Resp: 312889

Ion	Ratio	Lower	Upper
39	100		
54	107.0	69.8	129.8
53	74.7	40.1	100.1

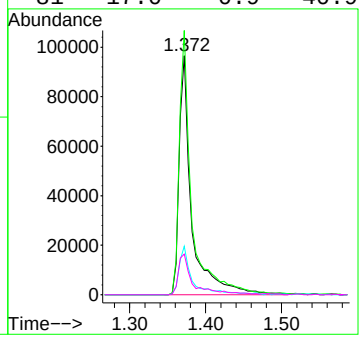


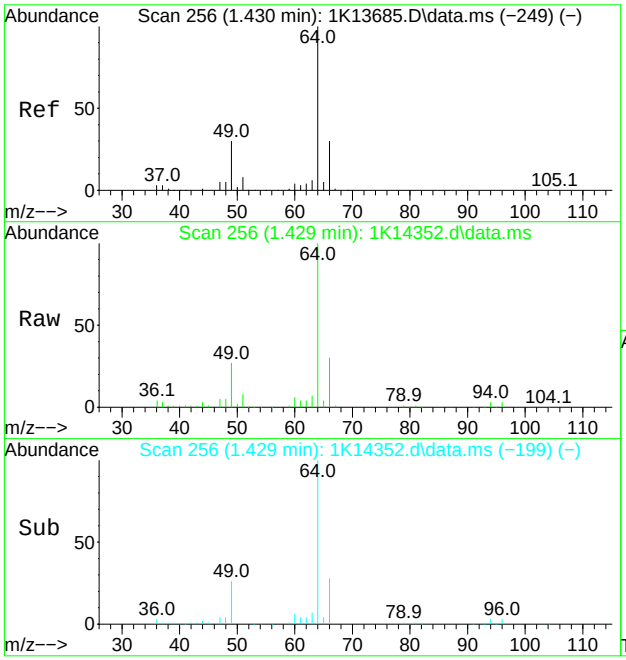


#11
bromomethane
Concen: 105.3062 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 96 Resp: 111668

Ion	Ratio	Lower	Upper
96	100		
94	110.6	79.4	139.4
79	20.3	20.3	20.3#
81	17.0	0.9	40.9

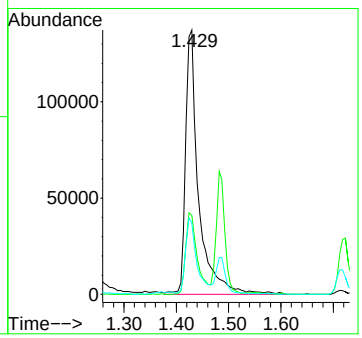


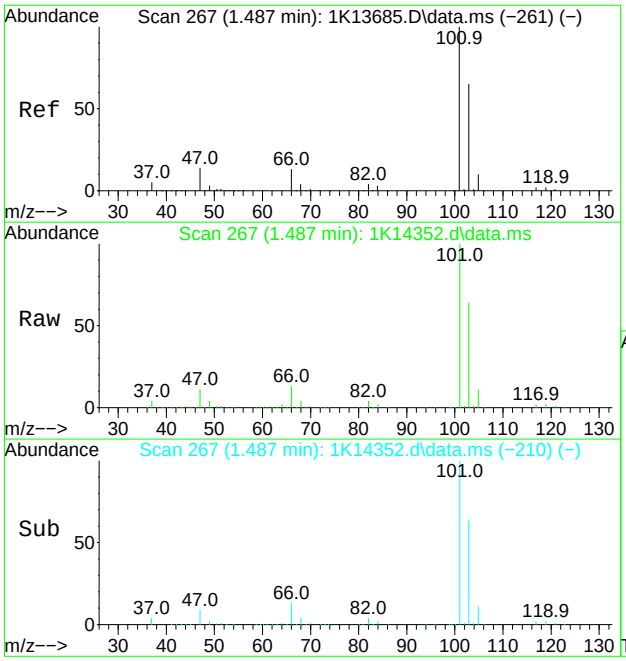


#12
chloroethane
Concen: 73.0088 ug/L
RT: 1.429 min Scan# 256
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 64 Resp: 238815

Ion	Ratio	Lower	Upper
64	100		
66	29.9	0.2	60.2
49	26.9	0.3	60.3

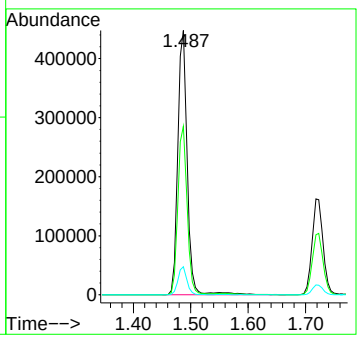


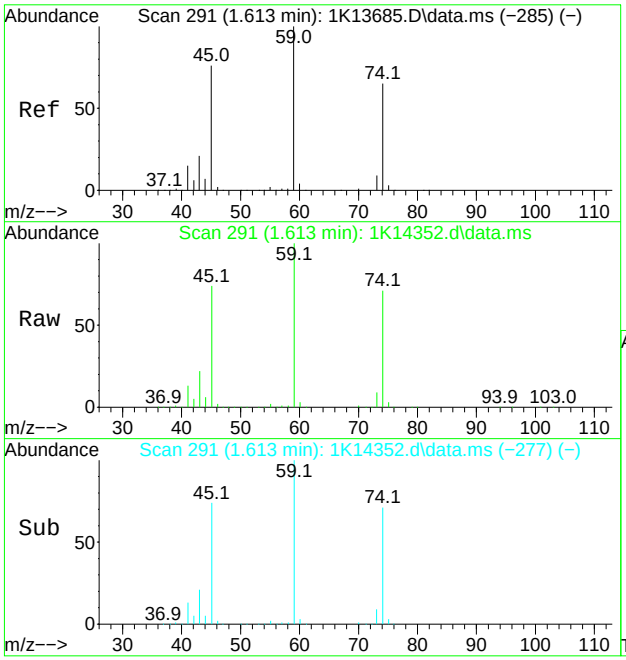


#13
trichlorofluoromethane
Concen: 77.7406 ug/L
RT: 1.487 min Scan# 267
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:101 Resp: 508225

Ion	Ratio	Lower	Upper
101	100		
103	63.7	35.0	95.0
105	10.6	0.0	40.5

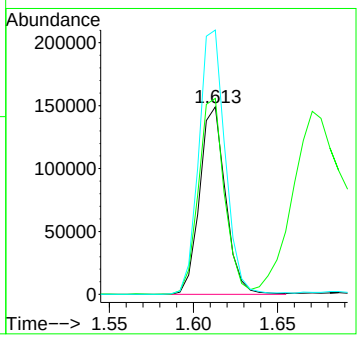


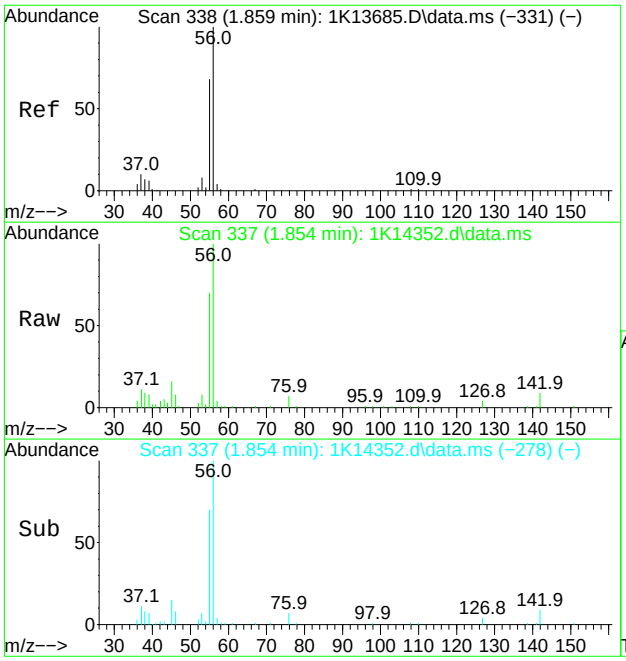


#14
ethyl ether
Concen: 57.2952 ug/L
RT: 1.613 min Scan# 291
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 74 Resp: 159591

Ion	Ratio	Lower	Upper
74	100		
45	104.4	87.4	147.4
59	141.0	124.0	184.0

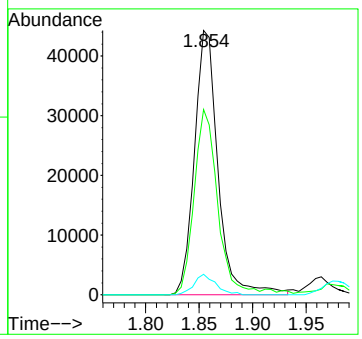


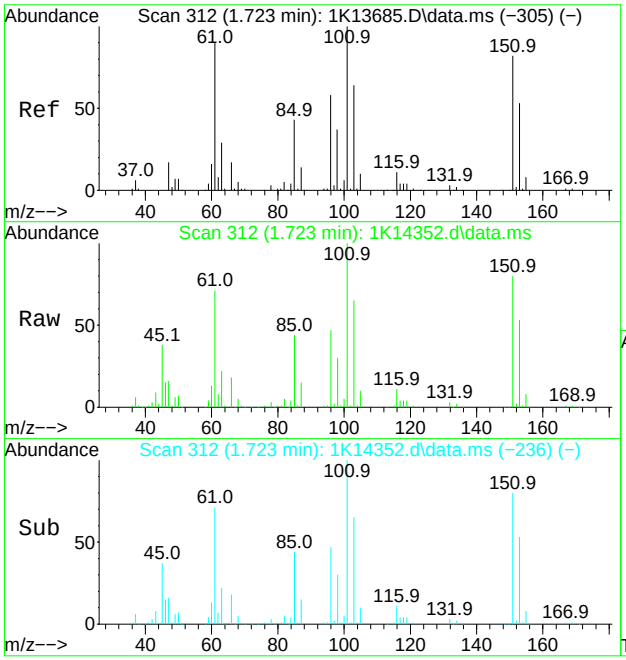


#15
acrolein
Concen: 49.0728 ug/L
RT: 1.854 min Scan# 337
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 56 Resp: 68113

Ion	Ratio	Lower	Upper
56	100		
55	70.0	38.3	98.3
53	7.7	0.0	38.3

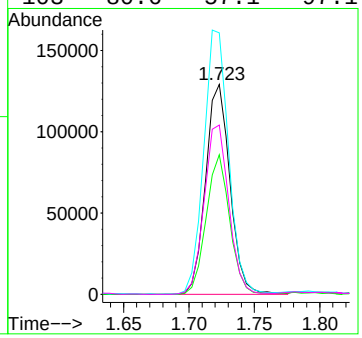


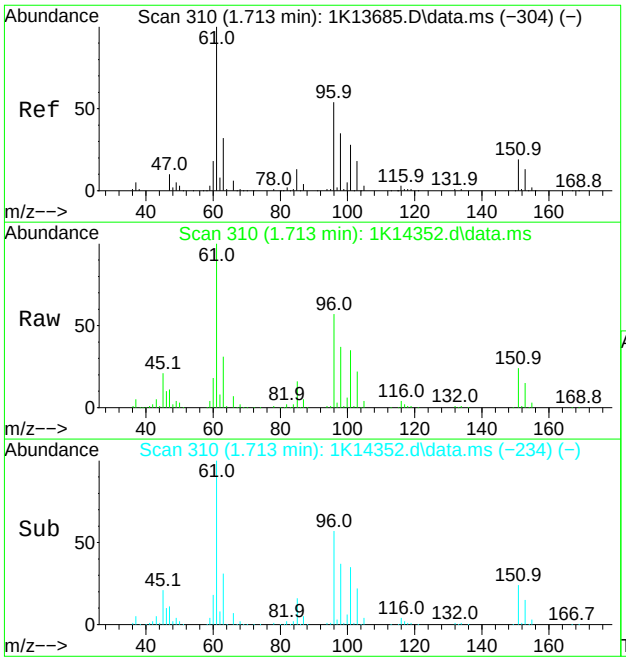


#16
freon 113
Concen: 46.8281 ug/L
RT: 1.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:151 Resp: 168212

Ion	Ratio	Lower	Upper
151	100		
153	66.5	44.1	84.1
101	124.4	101.5	141.5
103	80.6	57.1	97.1

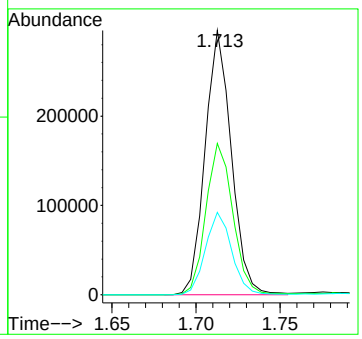


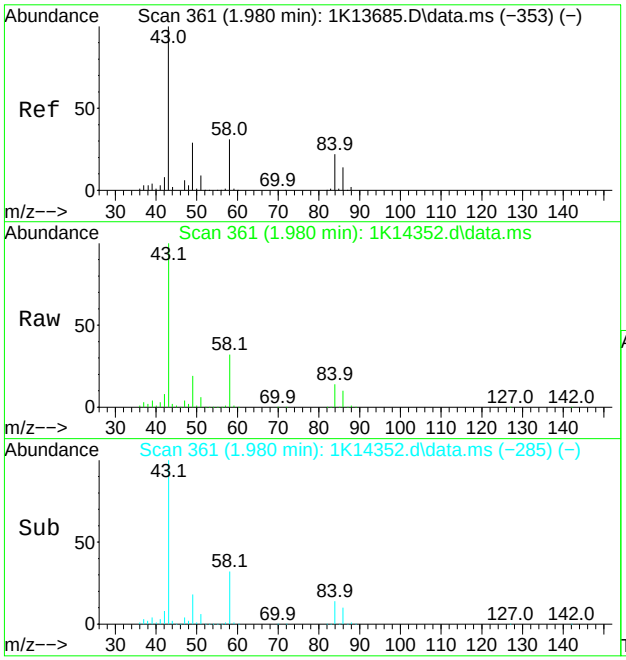


#17
1,1-dichloroethene
Concen: 44.7339 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 61 Resp: 321192

Ion	Ratio	Lower	Upper
61	100		
96	57.3	24.4	84.4
63	31.2	2.1	62.1

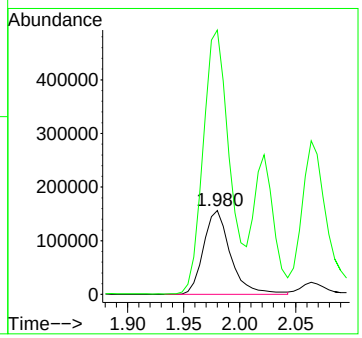


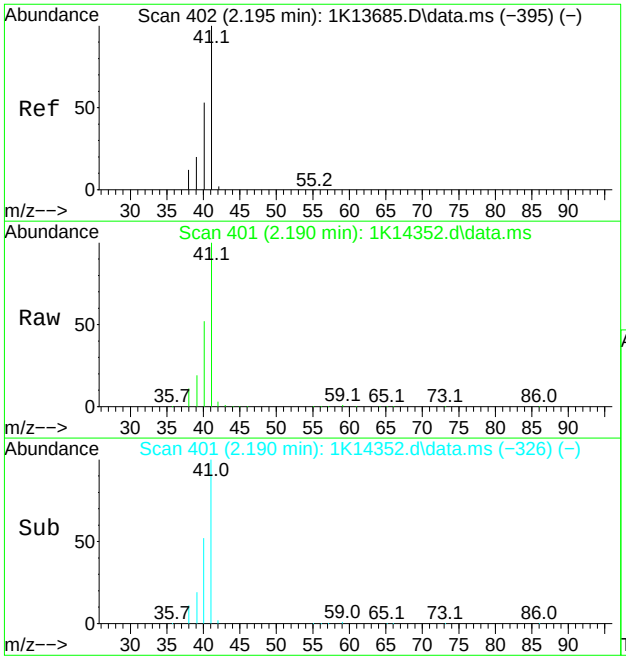


#18
acetone
Concen: 228.1100 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 58 Resp: 263121

Ion	Ratio	Lower	Upper
58	100		
43	315.2	295.2	355.2

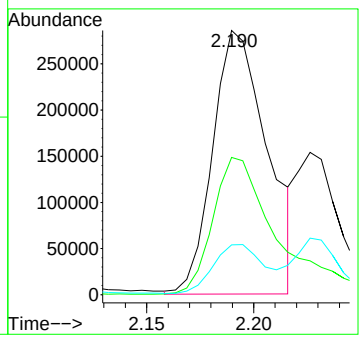


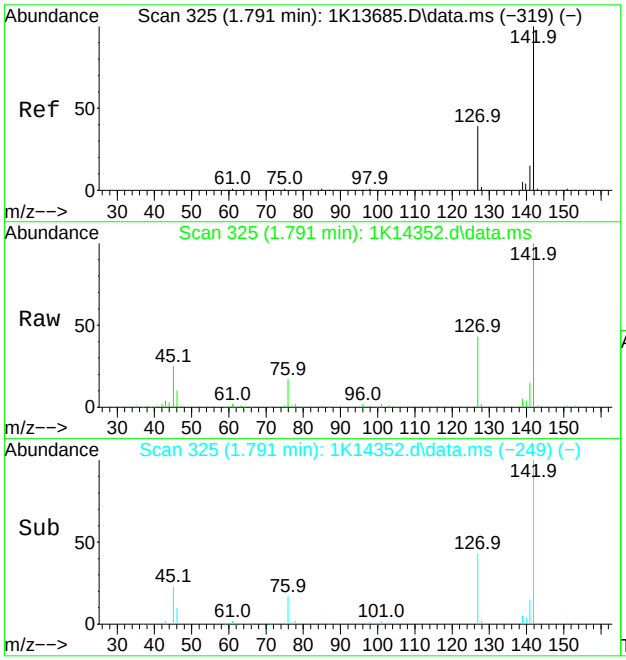


#19
acetonitrile
Concen: 529.0581 ug/L
RT: 2.190 min Scan# 401
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 41 Resp: 506265

Ion	Ratio	Lower	Upper
41	100		
40	52.4	23.4	83.4
39	18.5	0.0	50.4

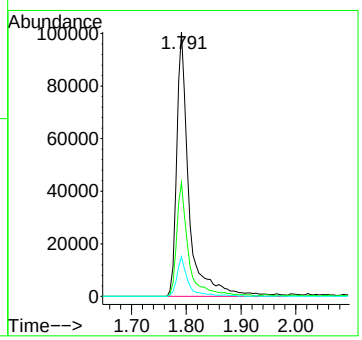


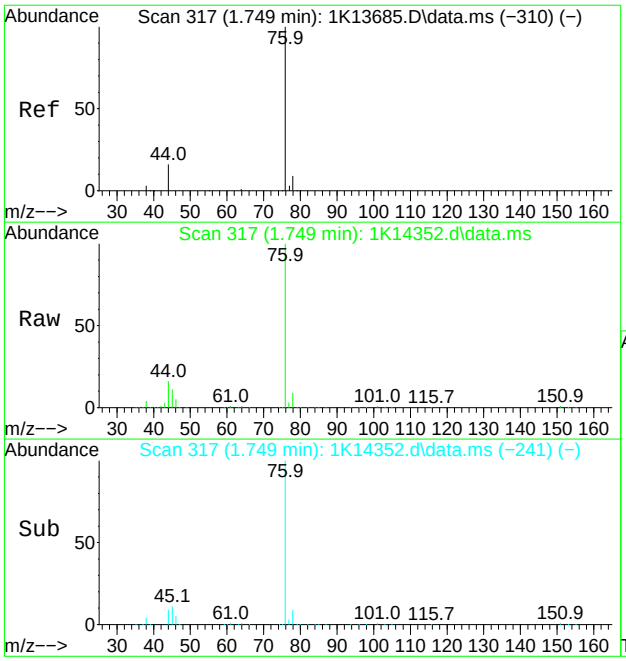


#20
iodomethane
Concen: 46.1170 ug/L
RT: 1.791 min Scan# 325
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:142 Resp: 158129

Ion	Ratio	Lower	Upper
142	100		
127	43.1	8.7	68.7
141	15.0	0.0	44.9

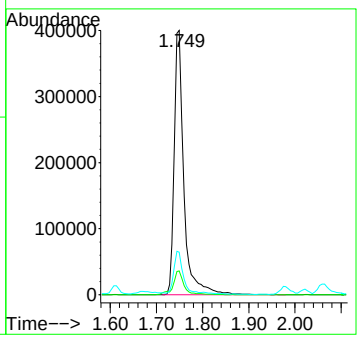


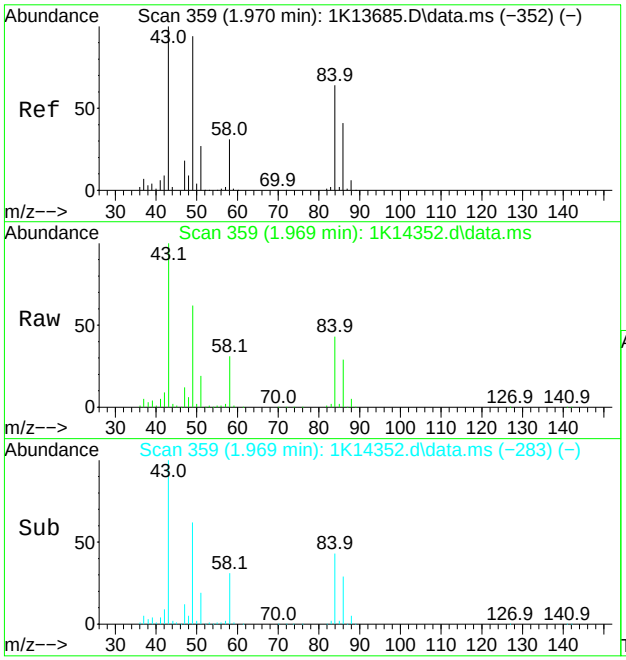


#21
carbon disulfide
Concen: 43.0694 ug/L
RT: 1.749 min Scan# 317
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 76 Resp: 584160

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	15.4	0.0	46.4

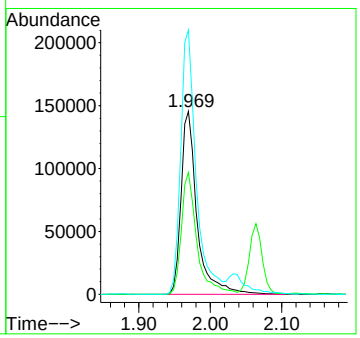


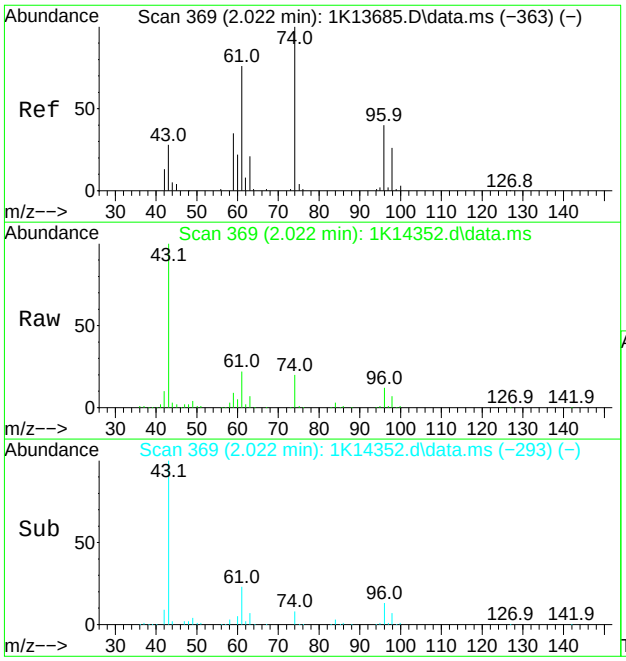


#22
methylene chloride
Concen: 43.9535 ug/L
RT: 1.969 min Scan# 359
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 84 Resp: 227534

Ion	Ratio	Lower	Upper
84	100		
86	66.6	33.4	93.4
49	144.5	117.1	177.1

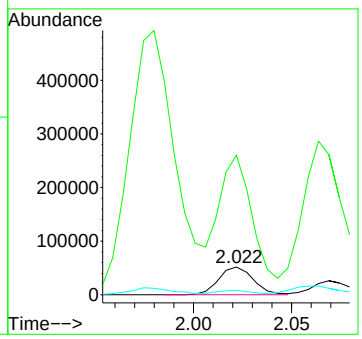


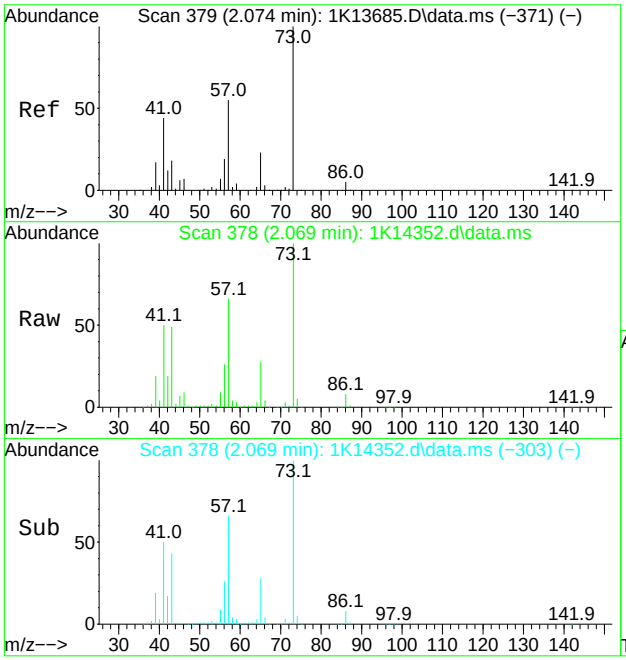


#23
methyl acetate
Concen: 48.6980 ug/L
RT: 2.022 min Scan# 369
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 74 Resp: 64045

Ion	Ratio	Lower	Upper
74	100		
43	406.4	397.4	457.4
44	1.1	0.0	35.1

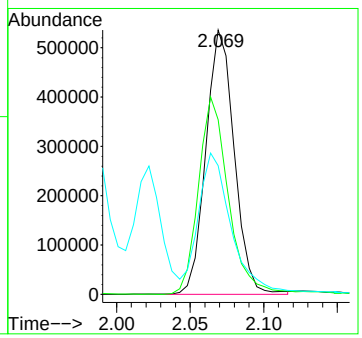


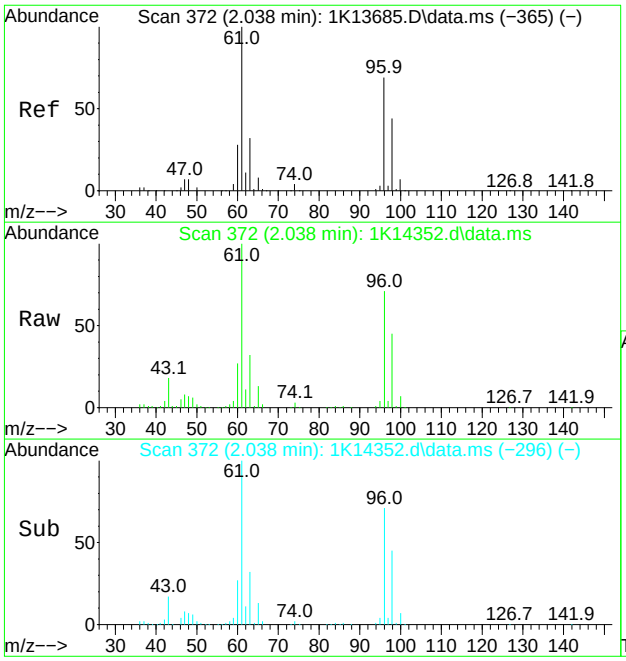


#24
methyl tert butyl ether
Concen: 47.1630 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 73 Resp: 716893

Ion	Ratio	Lower	Upper
73	100		
57	66.0	25.1	85.1
43	47.2	12.1	72.1

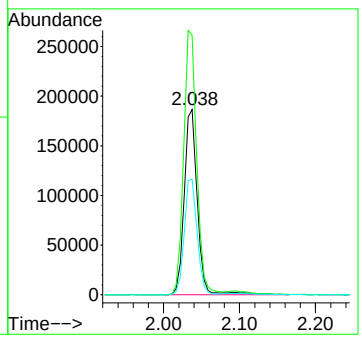


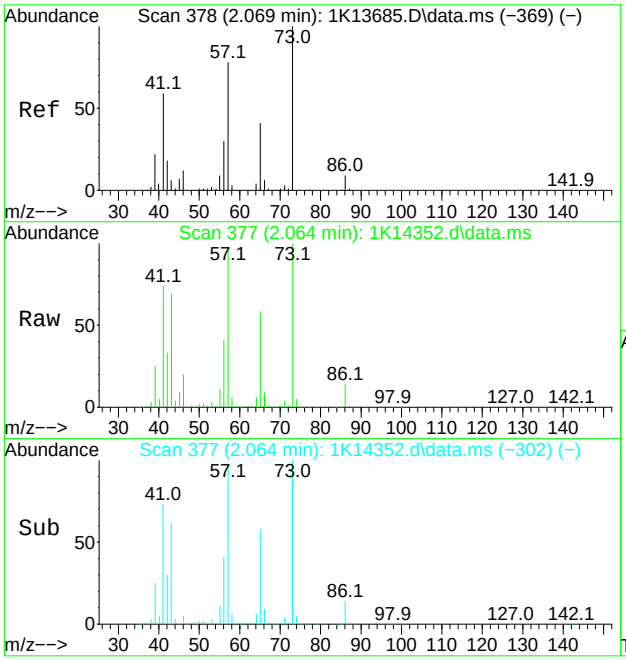


#25
trans-1,2-dichloroethene
Concen: 46.5494 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 96 Resp: 225333

Ion	Ratio	Lower	Upper
96	100		
61	140.2	115.9	175.9
98	62.4	34.7	94.7

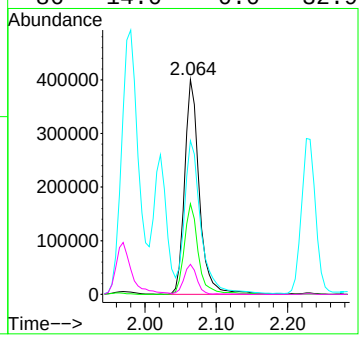


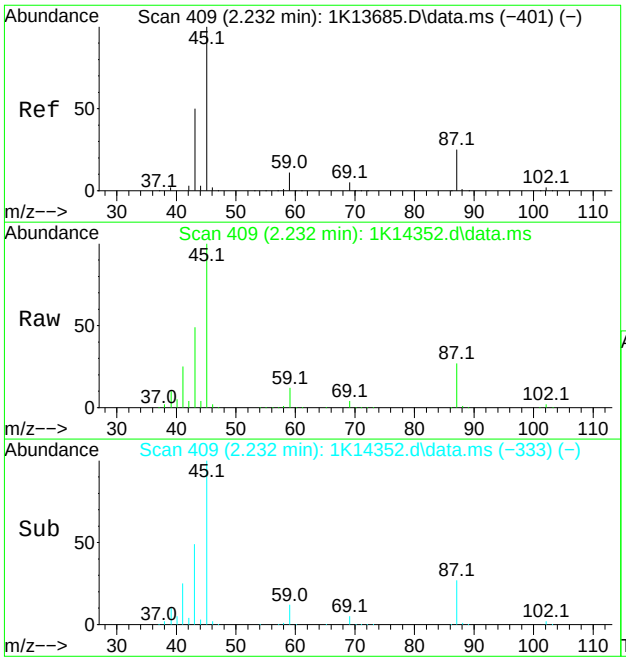


#26
hexane
Concen: 44.6195 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 57 Resp: 575115

Ion	Ratio	Lower	Upper
57	100		
56	42.2	18.5	58.5
43	71.0	50.7	90.7
86	14.0	0.0	32.9

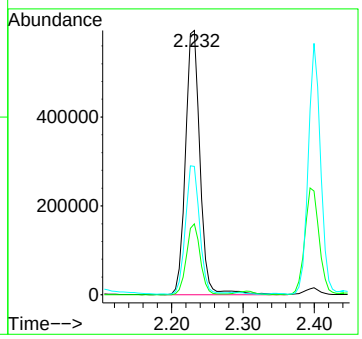


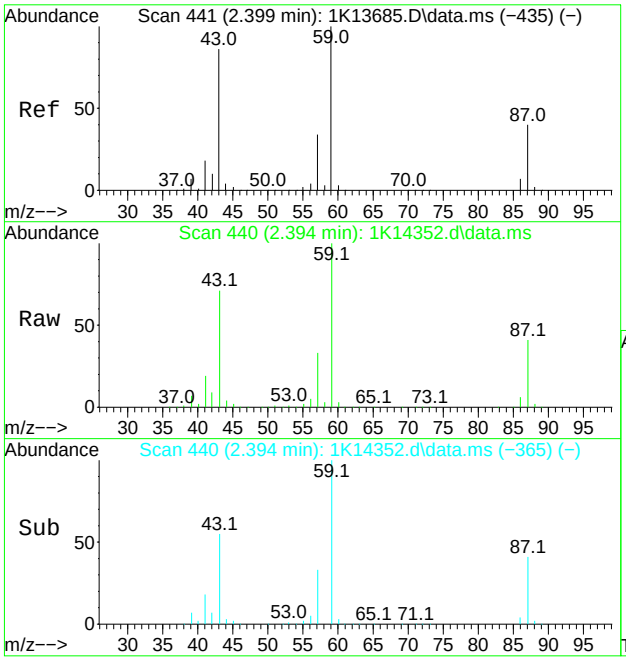


#27
di-isopropyl ether
Concen: 51.1728 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 45 Resp: 841258

Ion	Ratio	Lower	Upper
45	100		
87	26.8	0.0	55.4
43	48.3	19.8	79.8

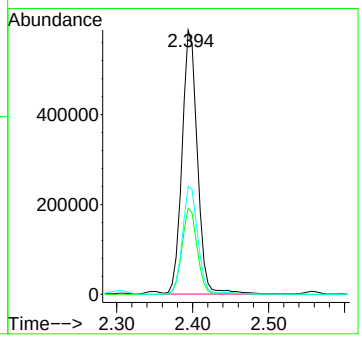


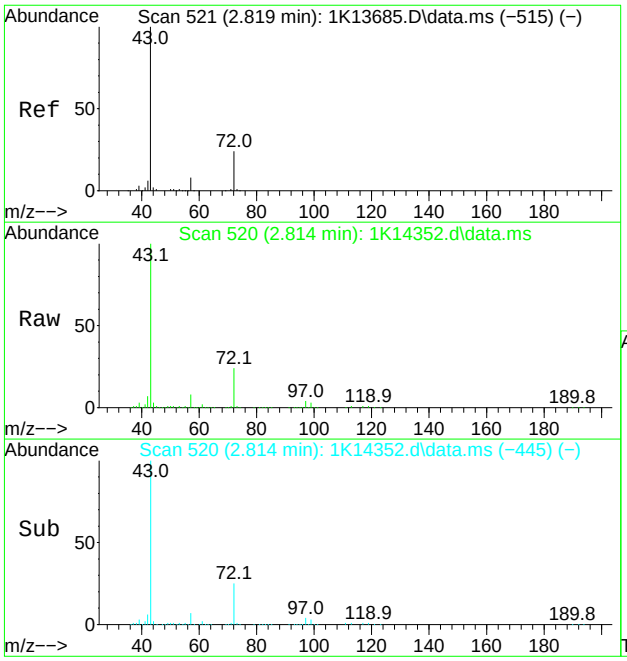


#28
ethyl tert-butyl ether
Concen: 48.1528 ug/L
RT: 2.394 min Scan# 440
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 59 Resp: 827450

Ion	Ratio	Lower	Upper
59	100		
57	32.6	3.4	63.4
87	40.8	9.9	69.9

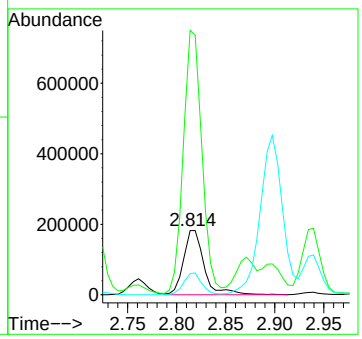


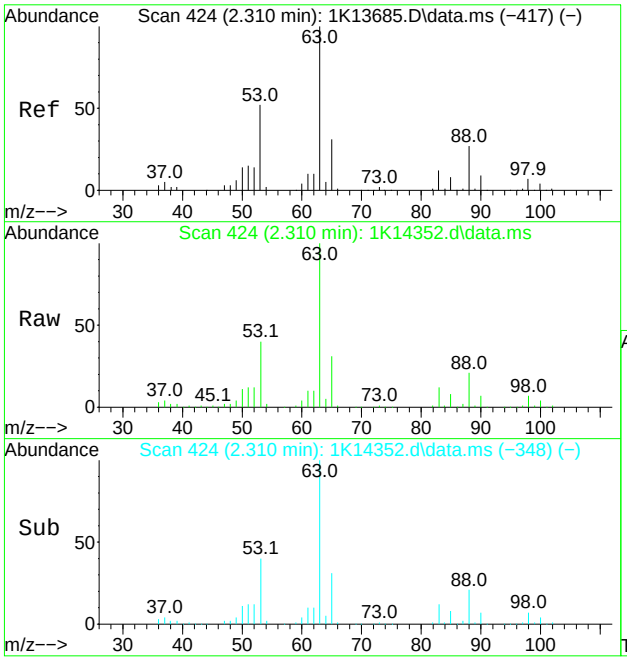


#29
2-butanone
Concen: 212.5758 ug/L
RT: 2.814 min Scan# 520
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 72 Resp: 268143

Ion	Ratio	Lower	Upper
72	100		
43	410.1	384.5	444.5
57	32.7	2.9	62.9

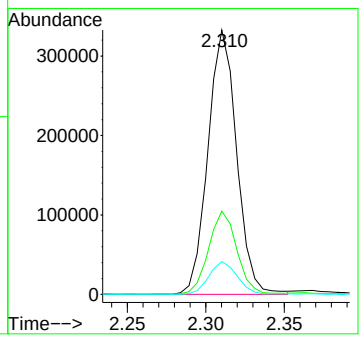


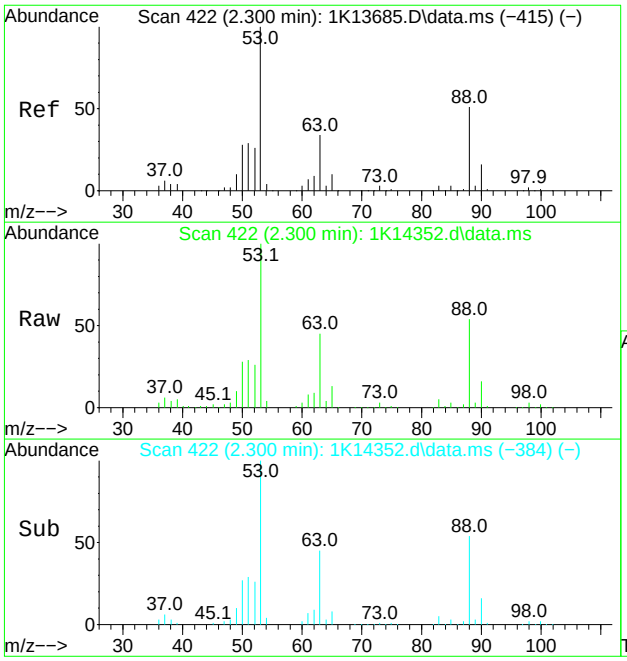


#30
1,1-dichloroethane
Concen: 44.2648 ug/L
RT: 2.310 min Scan# 424
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 63 Resp: 424266

Ion	Ratio	Lower	Upper
63	100		
65	31.2	0.6	60.6
83	12.4	0.0	41.8

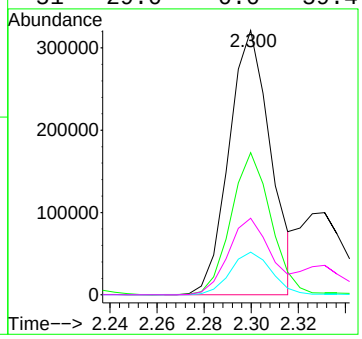


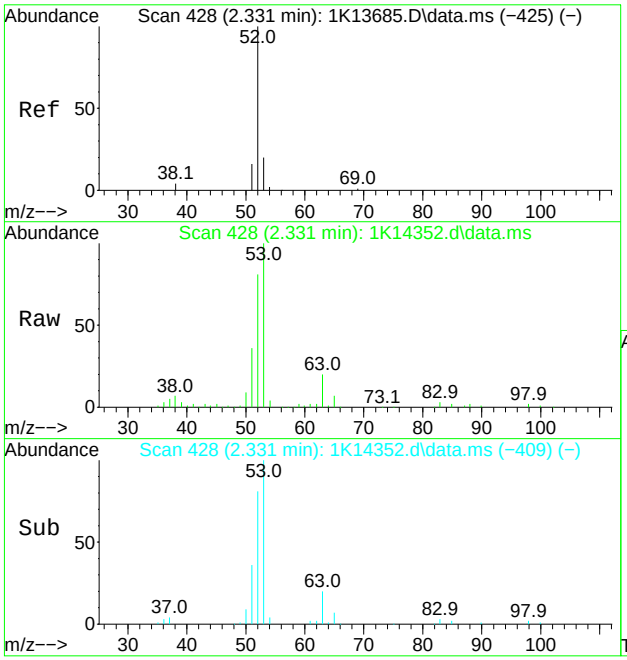


#31
chloroprene
Concen: 43.5197 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 53 Resp: 396047

Ion	Ratio	Lower	Upper
53	100		
88	53.7	21.4	81.4
90	16.1	0.0	46.1
51	29.0	0.0	59.4

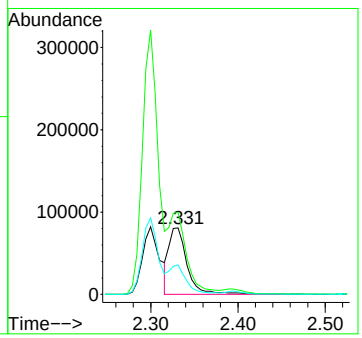


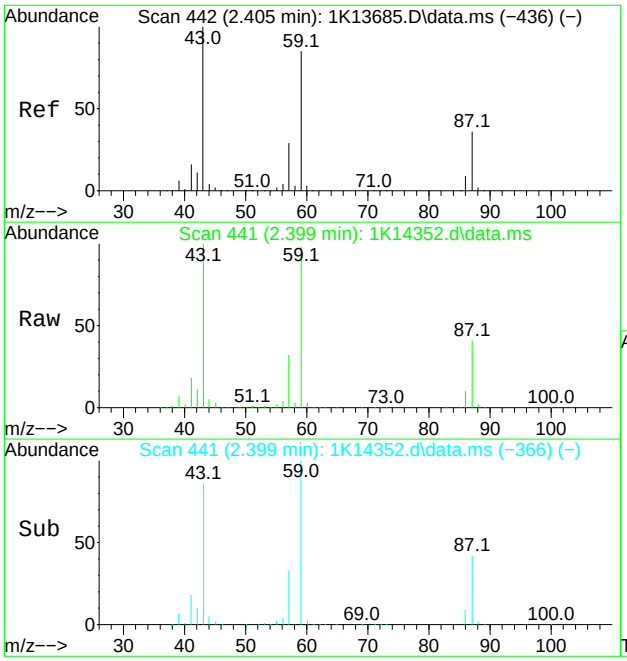


#32
acrylonitrile
Concen: 45.2264 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 52 Resp: 118476

Ion	Ratio	Lower	Upper
52	100		
53	122.8	92.8	152.8
51	43.9	13.6	73.6

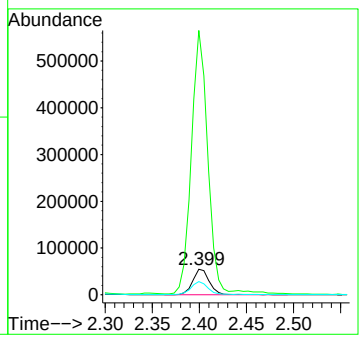


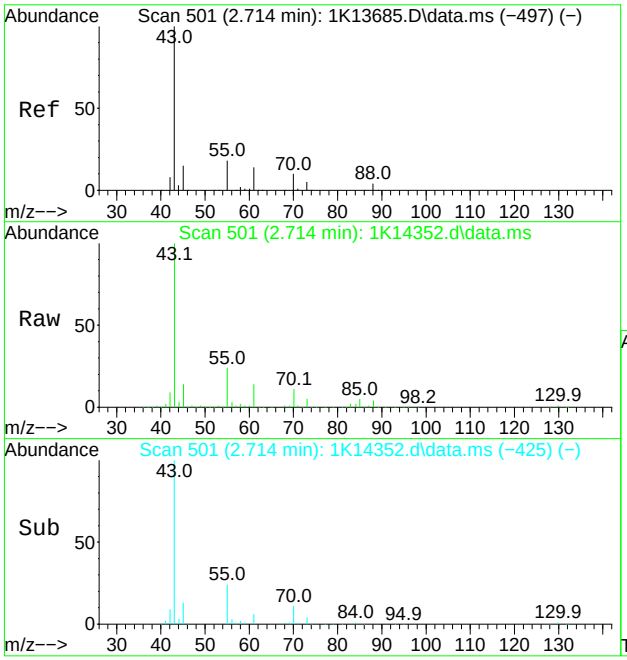


#33
vinyl acetate
Concen: 57.3433 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 86 Resp: 68110

Ion	Ratio	Lower	Upper
86	100		
43	1033.0	1068.8	1128.8#
44	50.1	18.0	78.0

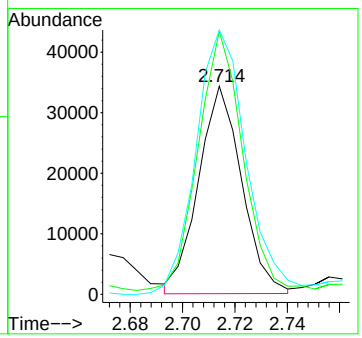


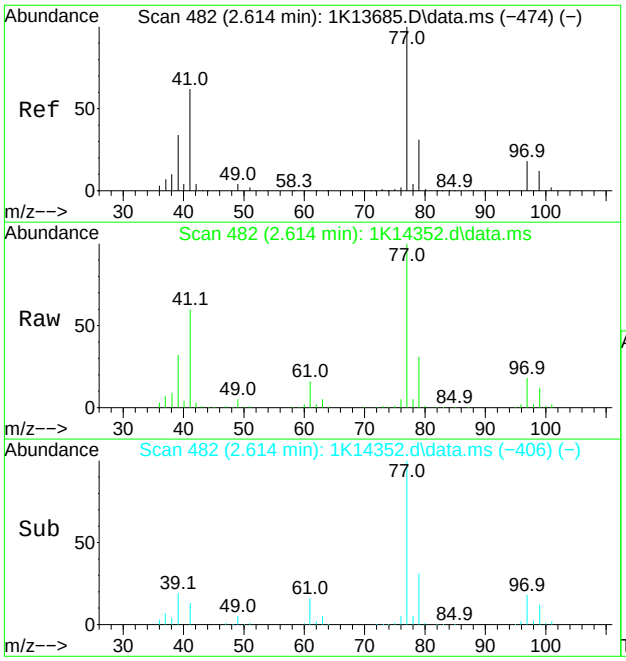


#34
ethyl acetate
Concen: 48.4044 ug/L
RT: 2.714 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 70 Resp: 39472

Ion	Ratio	Lower	Upper
70	100		
61	125.6	104.9	164.9
45	125.9	117.8	177.8

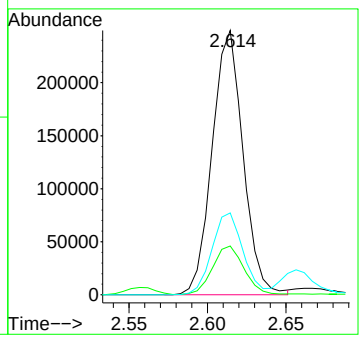


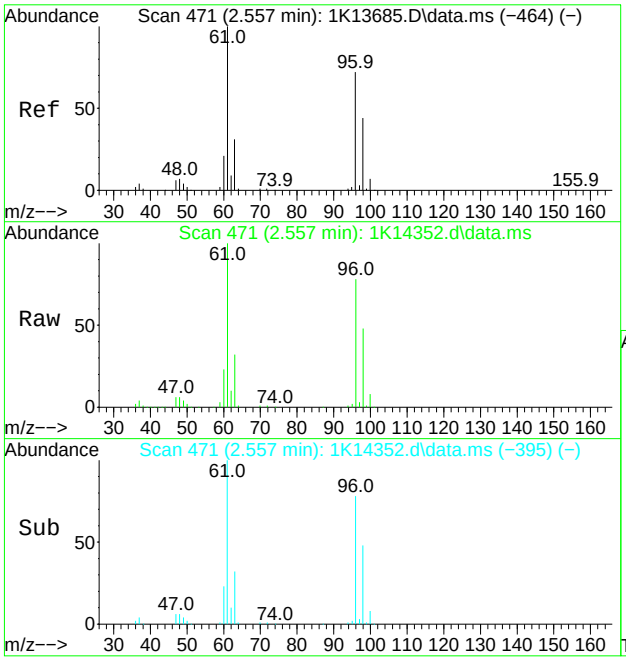


#35
2,2-dichloropropane
Concen: 44.3058 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 77 Resp: 342161

Ion	Ratio	Lower	Upper
77	100		
97	18.2	0.0	48.7
79	31.0	0.9	60.9

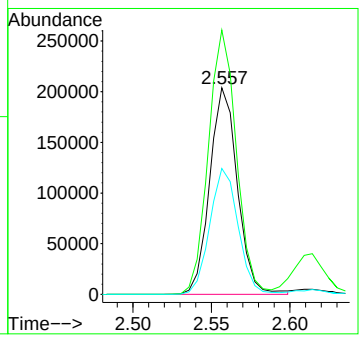


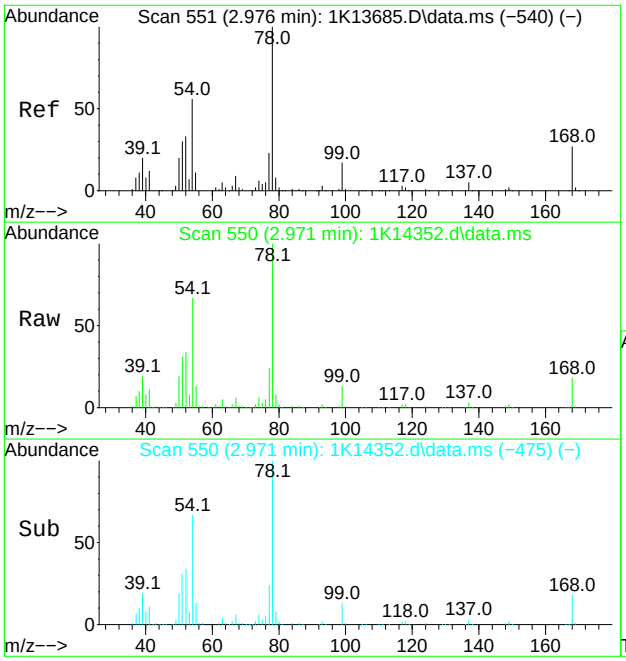


#36
cis-1,2-dichloroethene
Concen: 46.2765 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 96 Resp: 251301

Ion	Ratio	Lower	Upper
96	100		
61	128.0	108.4	168.4
98	61.0	31.4	91.4

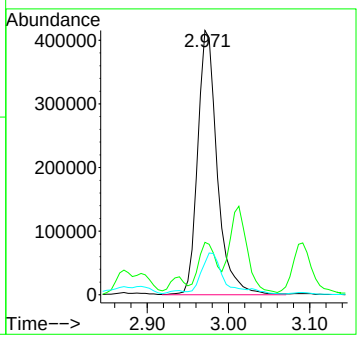


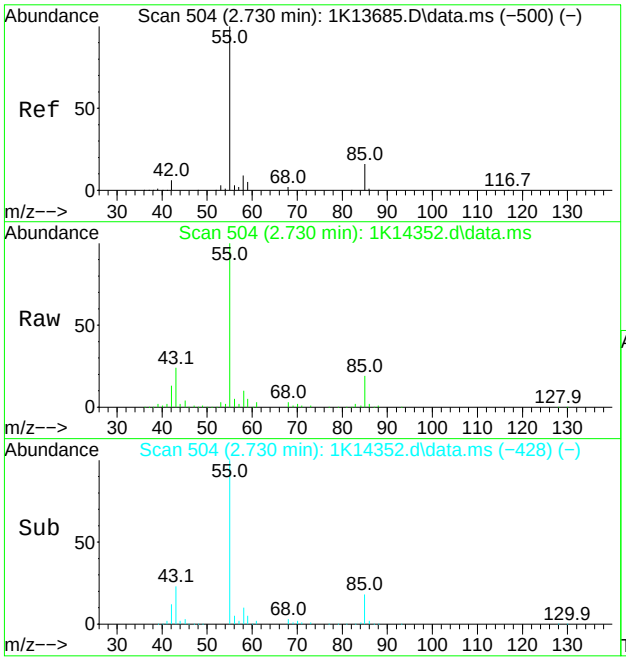


#37
propionitrile
Concen: 439.2436 ug/L
RT: 2.971 min Scan# 550
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 54 Resp: 695605

Ion	Ratio	Lower	Upper
54	100		
55	18.4	0.0	48.9
40	11.8	0.0	45.0

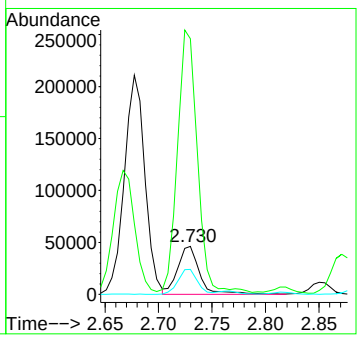


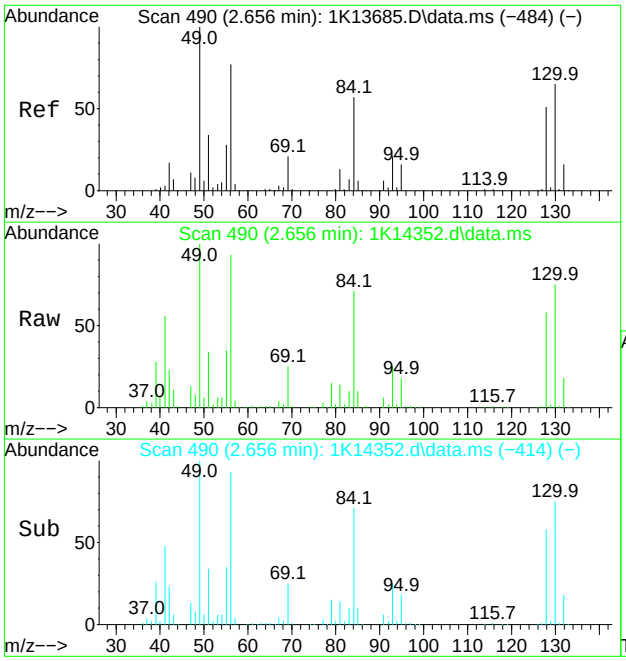


#38
methyl acrylate
Concen: 48.2695 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 85 Resp: 66495

Ion	Ratio	Lower	Upper
85	100		
55	527.2	566.6	606.6#
58	51.7	30.2	70.2

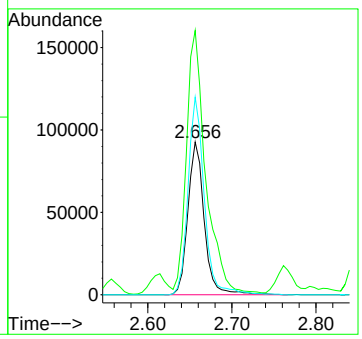


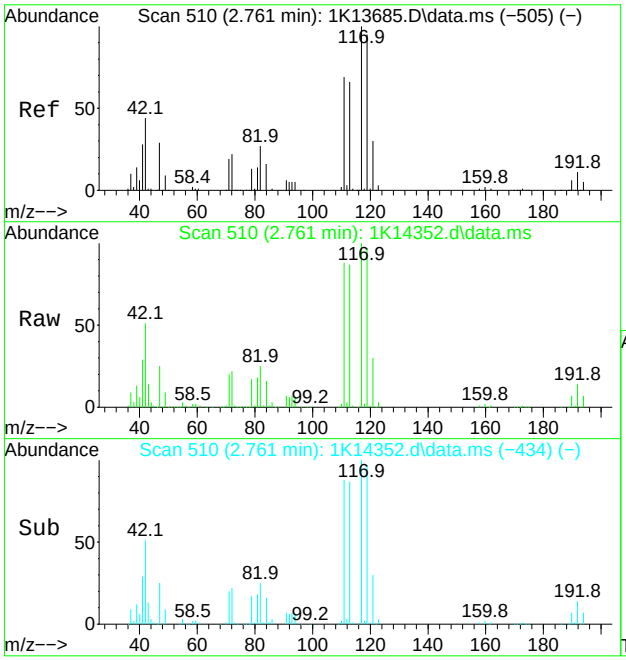


#39
bromochloromethane
Concen: 52.2981 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:128 Resp: 125356

Ion	Ratio	Lower	Upper
128	100		
49	164.2	166.7	226.7#
130	129.4	97.3	157.3

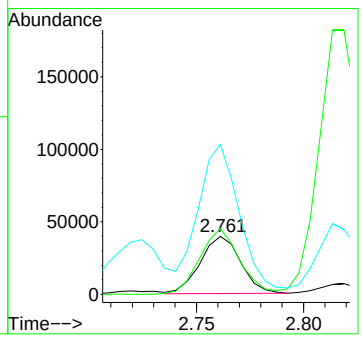


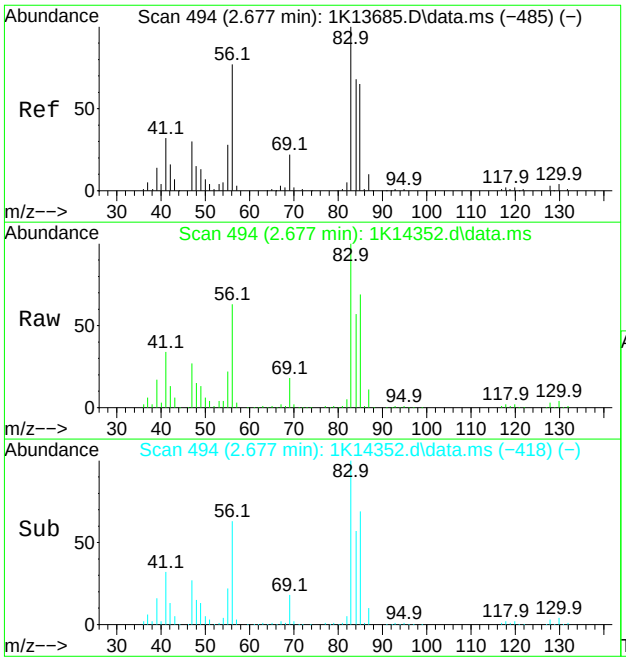


#40
tetrahydrofuran
Concen: 45.0284 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 71 Resp: 51571

Ion	Ratio	Lower	Upper
71	100		
72	113.7	87.2	147.2
42	253.0	242.1	302.1

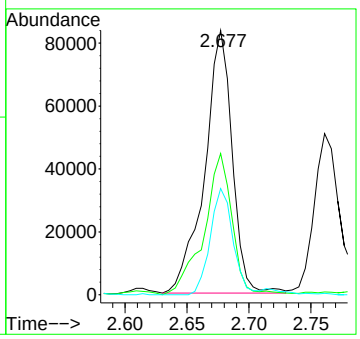


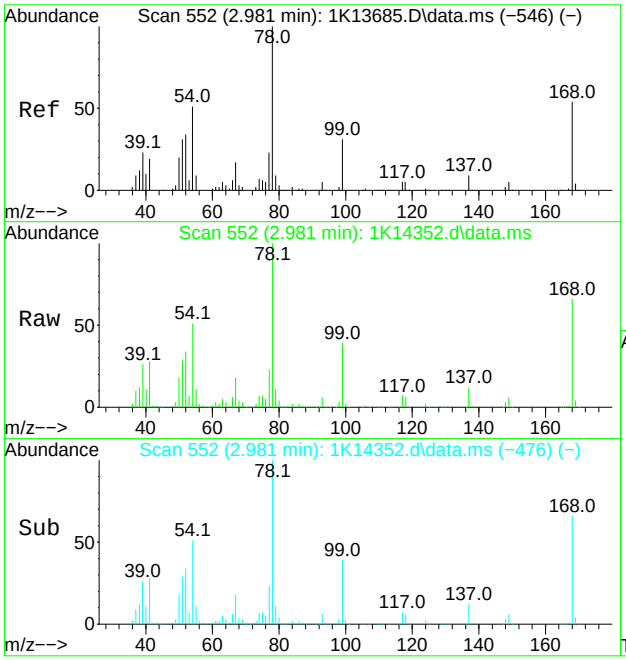


#41
chloroform
Concen: 41.9574 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 47 Resp: 129696

Ion	Ratio	Lower	Upper
47	100		
48	53.8	19.0	79.0
87	40.5	3.4	63.4

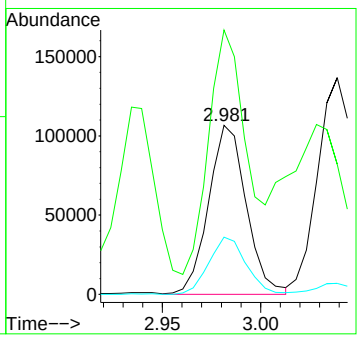


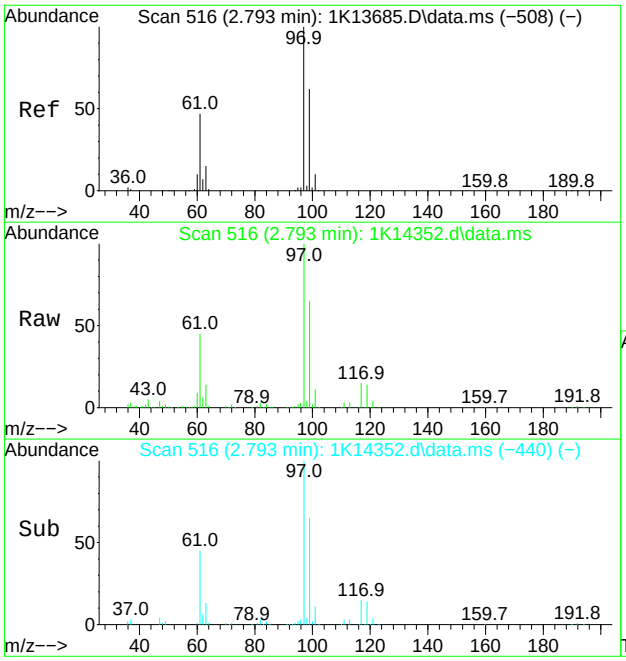


#43
methacrylonitrile
Concen: 43.2800 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 67 Resp: 142933

Ion	Ratio	Lower	Upper
67	100		
41	118.6	85.4	145.4
66	34.0	4.8	64.8

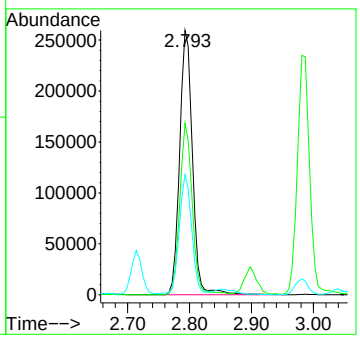


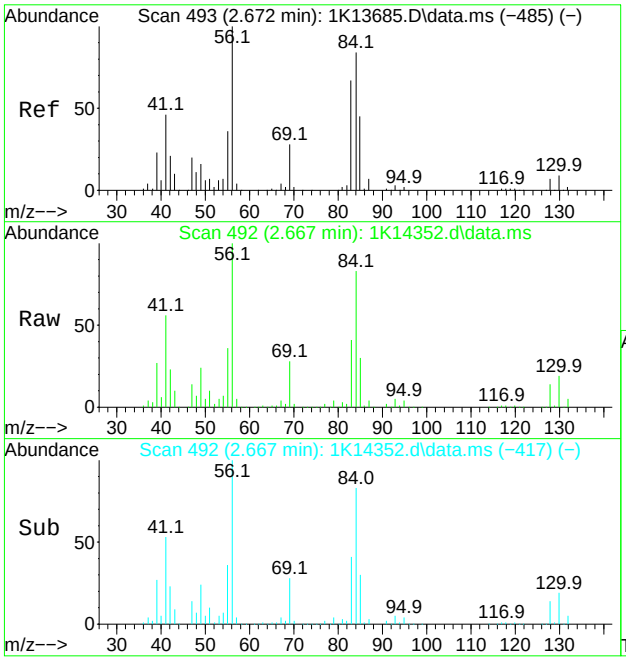


#44
1,1,1-trichloroethane
Concen: 47.4798 ug/L
RT: 2.793 min Scan# 516
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 97 Resp: 374179

Ion	Ratio	Lower	Upper
97	100		
99	64.8	32.2	92.2
61	45.3	17.7	77.7

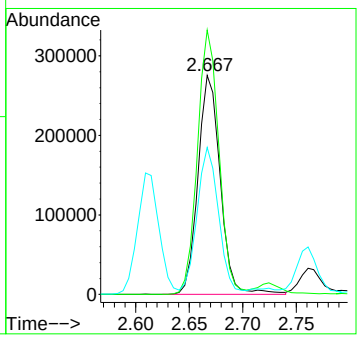


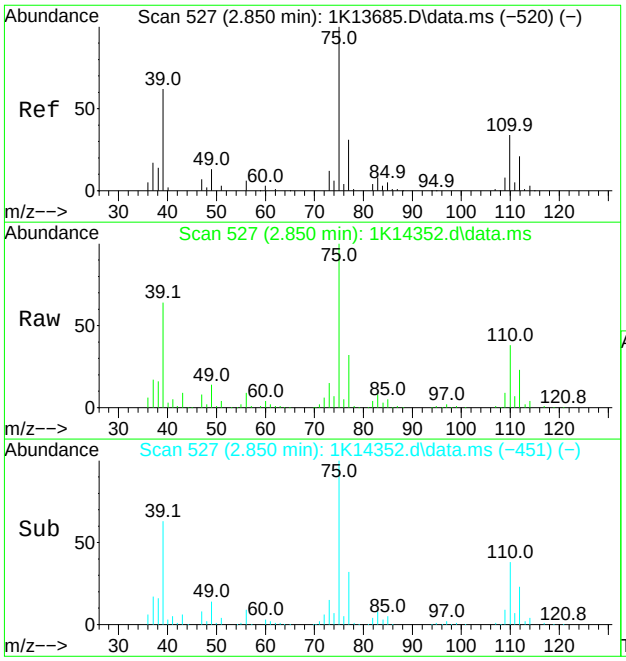


#45
cyclohexane
Concen: 45.8650 ug/L
RT: 2.667 min Scan# 492
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 84 Resp: 398549

Ion	Ratio	Lower	Upper
84	100		
56	120.7	98.6	138.6
41	64.5	43.8	83.8

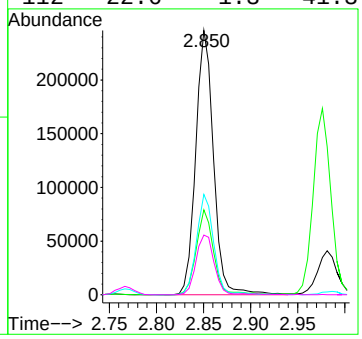


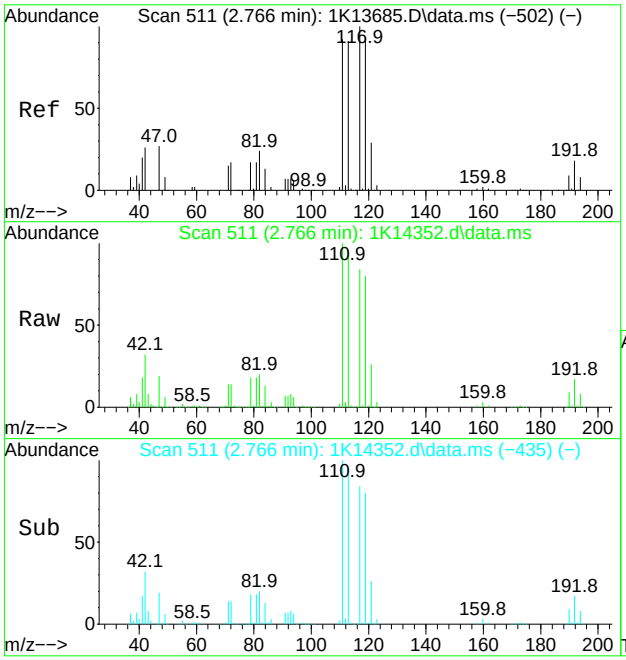


#46
1,1-dichloropropene
Concen: 45.6604 ug/L
RT: 2.850 min Scan# 527
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 75 Resp: 325210

Ion	Ratio	Lower	Upper
75	100		
77	32.2	11.3	51.3
110	38.0	14.2	54.2
112	22.6	1.3	41.3

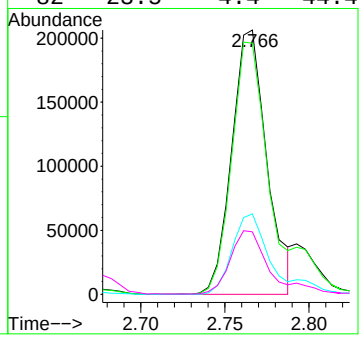


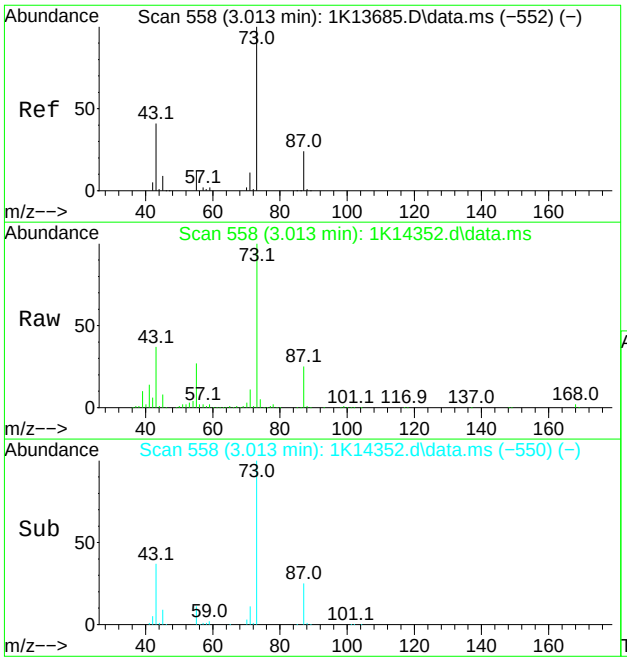


#47
carbon tetrachloride
Concen: 43.5895 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:117 Resp: 300068

Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.1	113.1
121	30.4	9.4	49.4
82	23.5	4.4	44.4

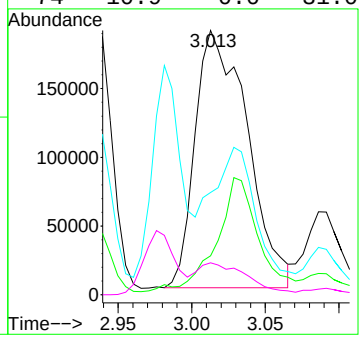


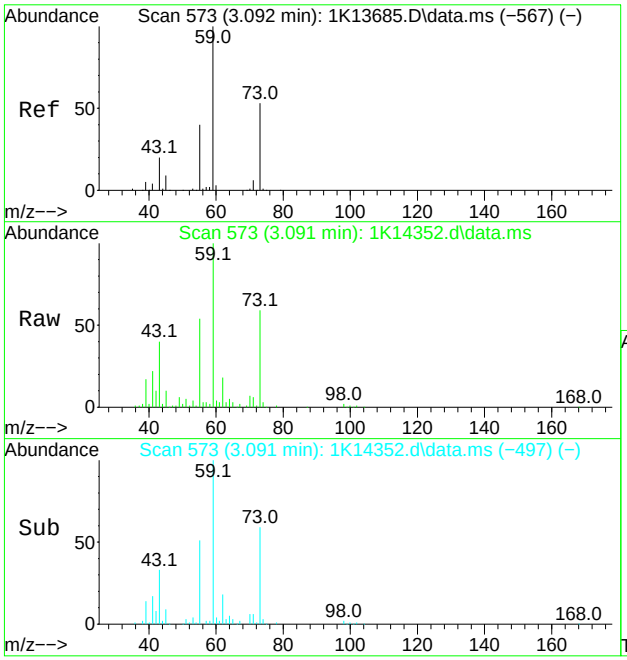


#48
isobutyl alcohol
Concen: 430.8999 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 43 Resp: 461499

Ion	Ratio	Lower	Upper
43	100		
42	11.2	0.0	32.6
41	30.6	9.1	49.1
74	10.9	0.0	31.0

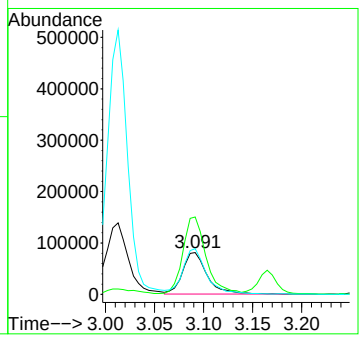


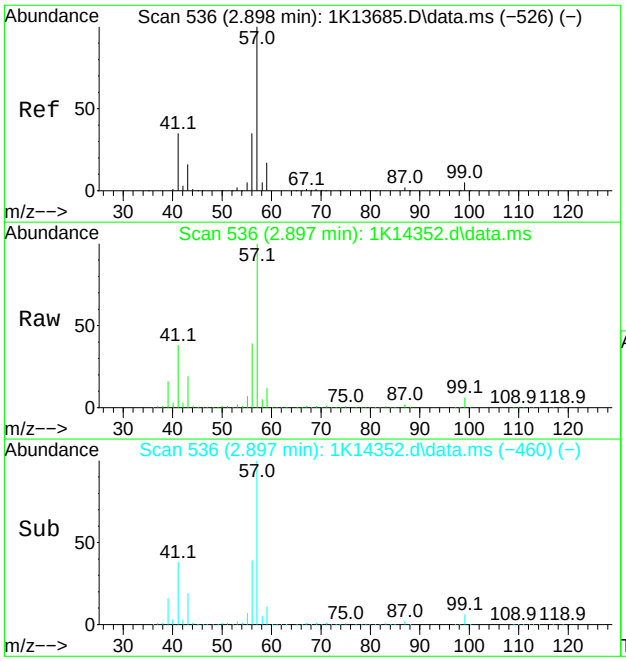


#49
tert-amyl alcohol
Concen: 257.7714 ug/L
RT: 3.091 min Scan# 573
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 55 Resp: 141295

Ion	Ratio	Lower	Upper
55	100		
59	182.7	218.8	258.8#
73	108.2	115.9	155.9#

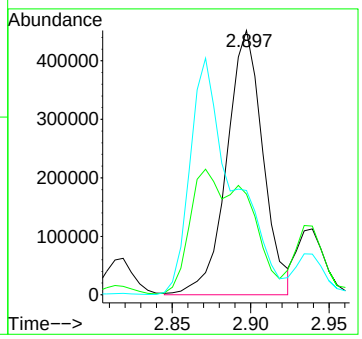


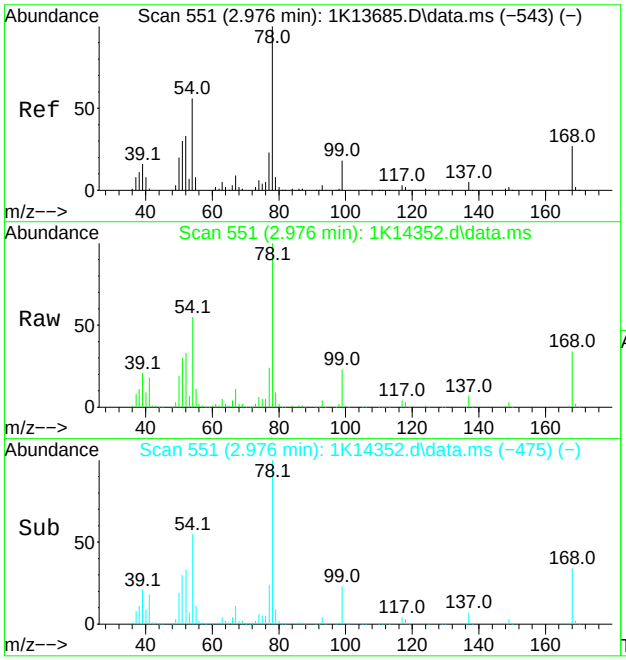


#52
iso-octane
Concen: 40.7304 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 57 Resp: 724070

Ion	Ratio	Lower	Upper
57	100		
41	37.5	14.8	54.8
56	38.7	15.3	55.3

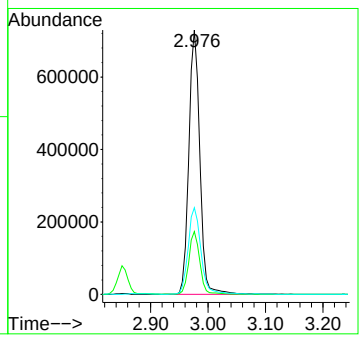


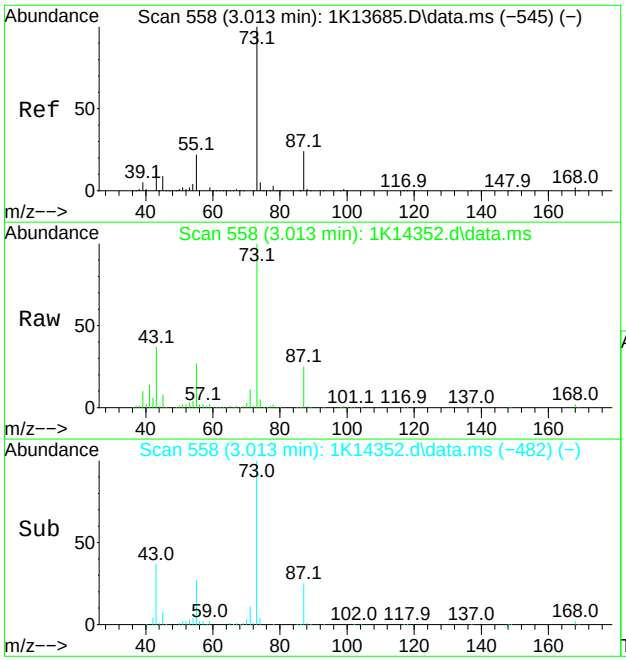


#53
benzene
Concen: 42.5131 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 78 Resp: 972060

Ion	Ratio	Lower	Upper
78	100		
77	23.8	0.0	53.3
52	32.8	3.5	63.5

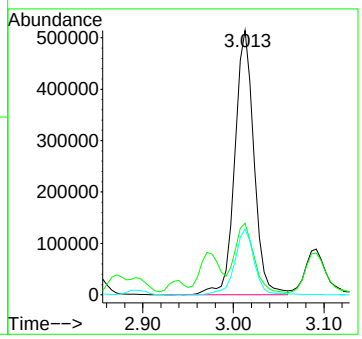


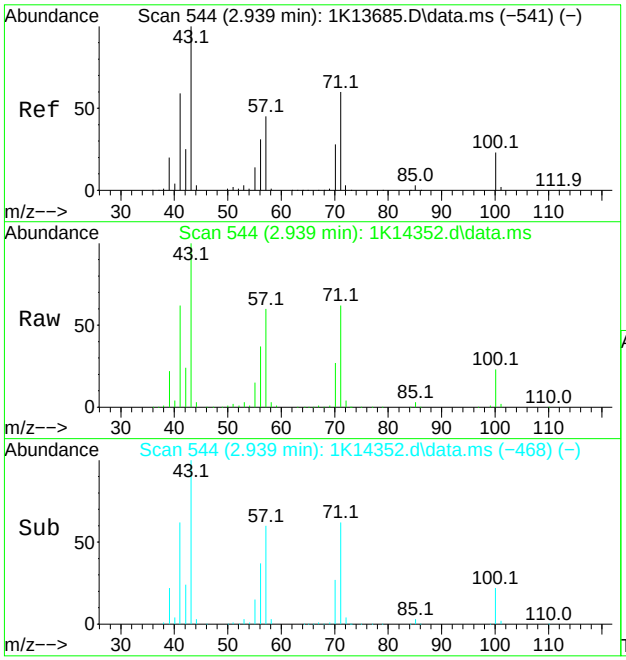


#54
tert-amyl methyl ether
Concen: 43.1715 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 73 Resp: 753529

Ion	Ratio	Lower	Upper
73	100		
55	26.3	5.1	45.1
87	24.8	4.2	44.2

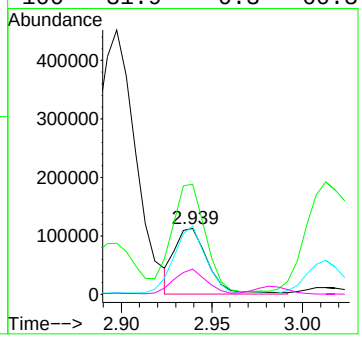


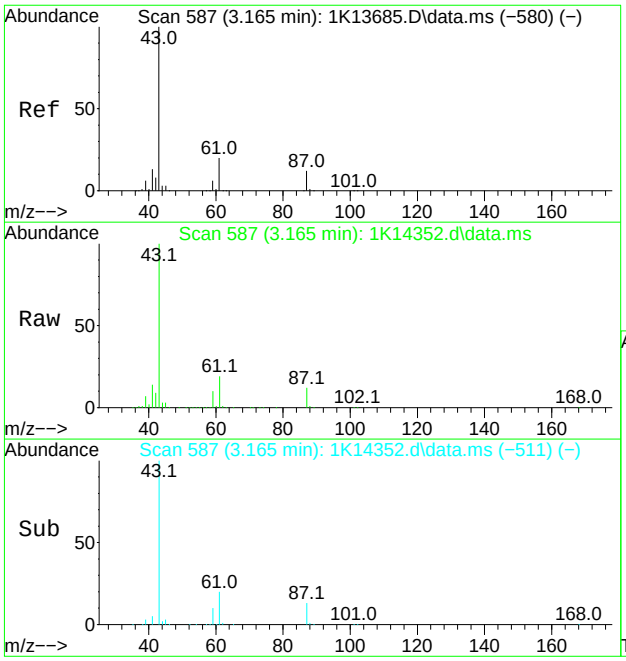


#55
heptane
Concen: 43.8899 ug/L
RT: 2.939 min Scan# 544
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 57 Resp: 142832

Ion	Ratio	Lower	Upper
57	100		
43	151.2	140.0	200.0
71	99.5	67.3	127.3
100	31.9	0.3	60.3

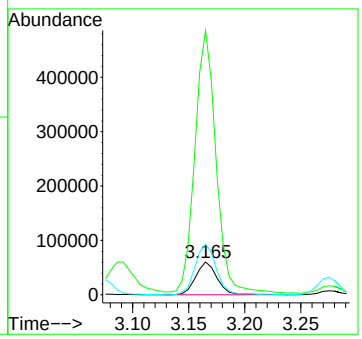


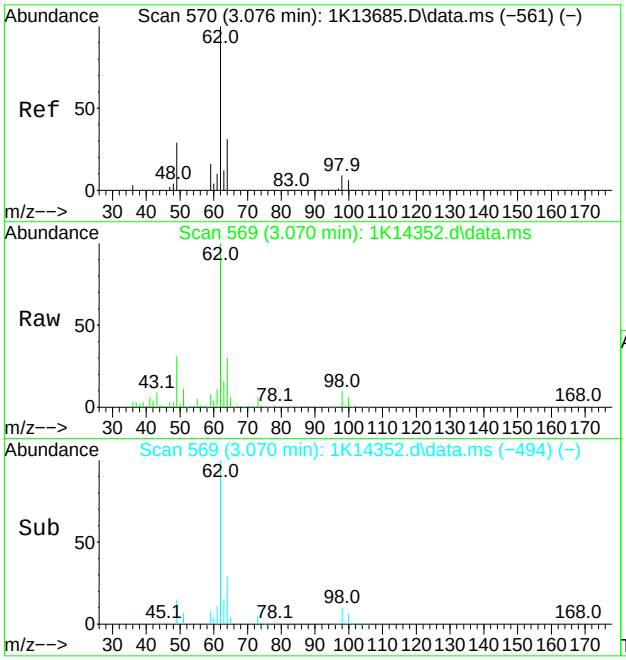


#56
isopropyl acetate
Concen: 48.1429 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 87 Resp: 80438

Ion	Ratio	Lower	Upper
87	100		
43	797.6	799.2	859.2#
61	153.8	137.1	197.1

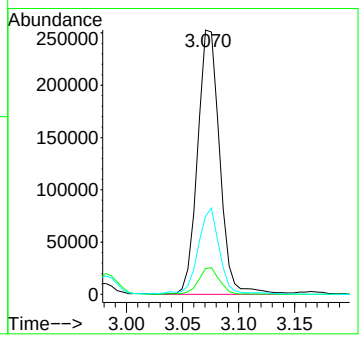


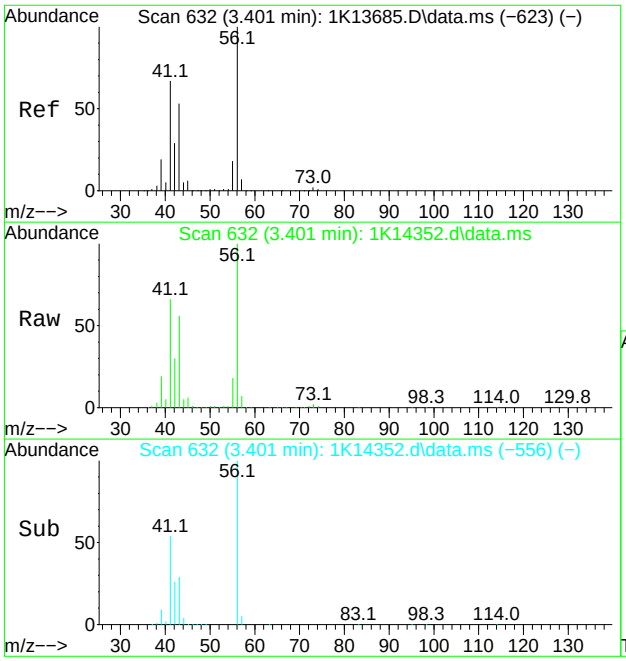


#57
1,2-dichloroethane
Concen: 42.4003 ug/L
RT: 3.070 min Scan# 569
Delta R.T. -0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 62 Resp: 347544

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	39.5
64	29.4	1.1	61.1

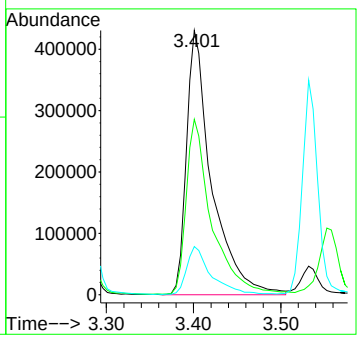


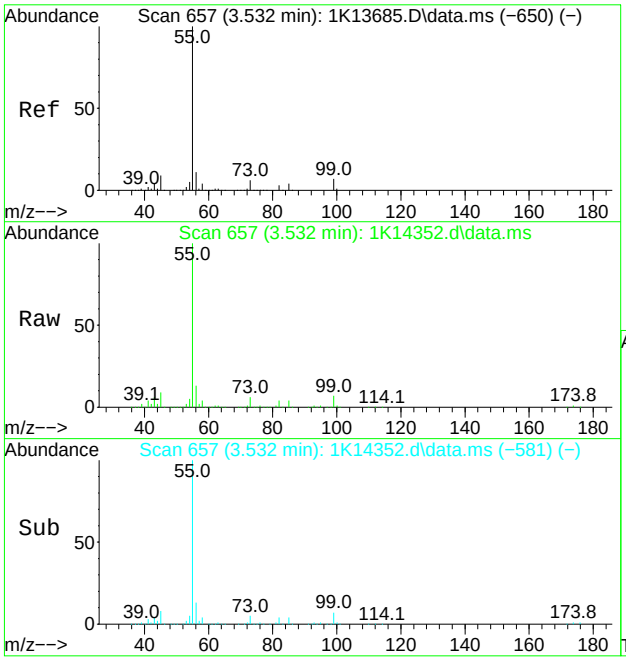


#58
n-butyl alcohol
Concen: 1946.3355 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 56 Resp: 861555

Ion	Ratio	Lower	Upper
56	100		
41	66.1	46.6	86.6
55	18.1	0.0	37.9

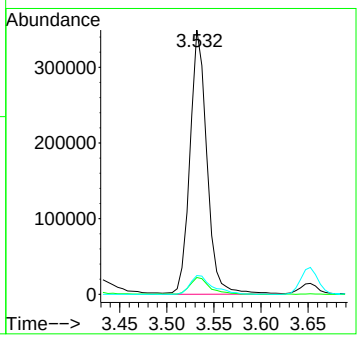


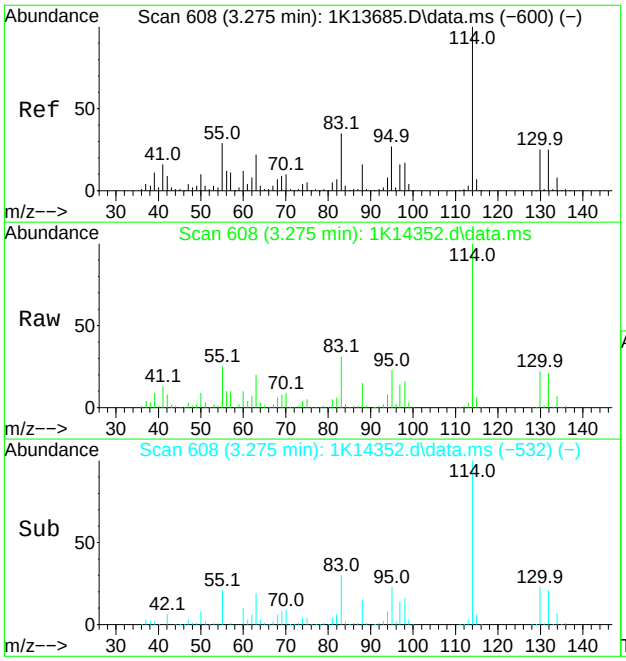


#59
ethyl acrylate
Concen: 42.5151 ug/L
RT: 3.532 min Scan# 657
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 55 Resp: 437895

Ion	Ratio	Lower	Upper
55	100		
73	6.3	0.0	36.5
99	7.1	0.0	37.0

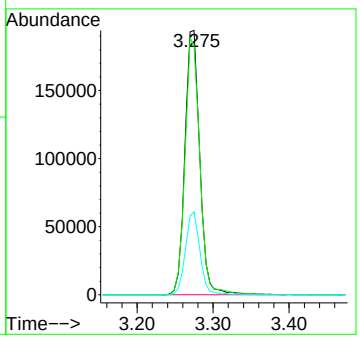


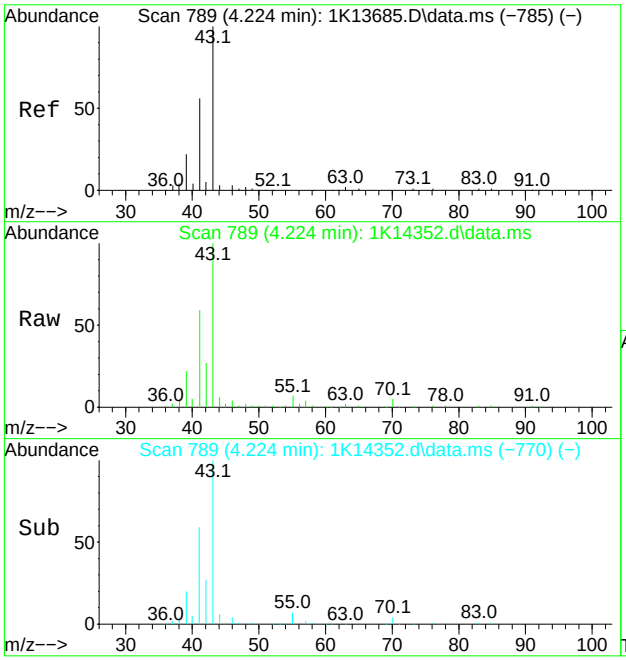


#60
trichloroethene
Concen: 45.7969 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:130 Resp: 264260

Ion	Ratio	Lower	Upper
130	100		
132	94.3	70.3	130.3
134	31.4	2.0	62.0

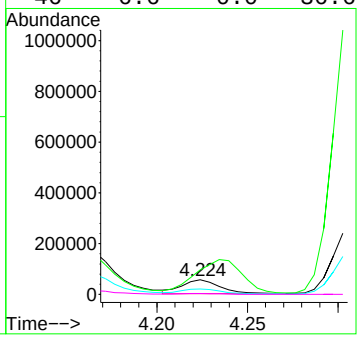


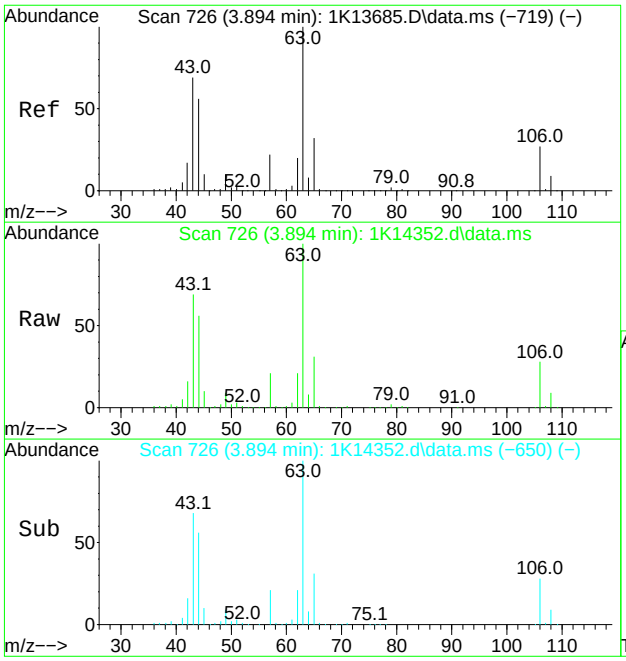


#61
2-nitropropane
Concen: 27.4267 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 41 Resp: 79268

Ion	Ratio	Lower	Upper
41	100		
43	168.4	127.6	187.6
39	36.4	8.5	68.5
46	6.6	0.0	36.6

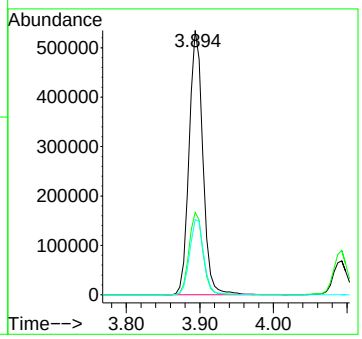


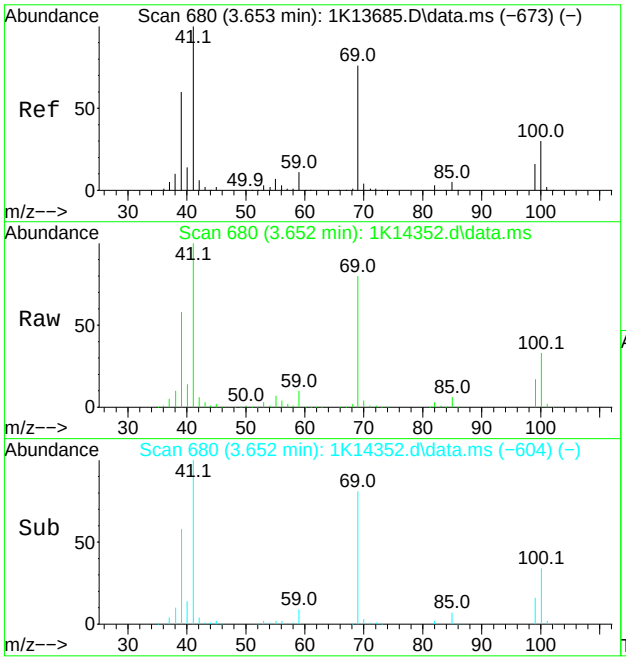


#62
2-chloroethyl vinyl ether
Concen: 212.4885 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 63 Resp: 697719

Ion	Ratio	Lower	Upper
63	100		
65	31.2	1.9	61.9
106	28.4	0.0	57.3

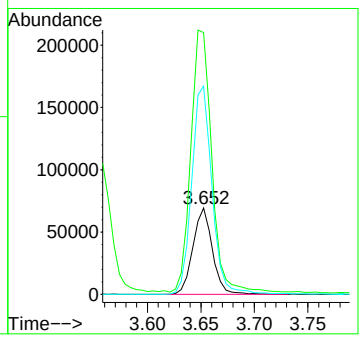


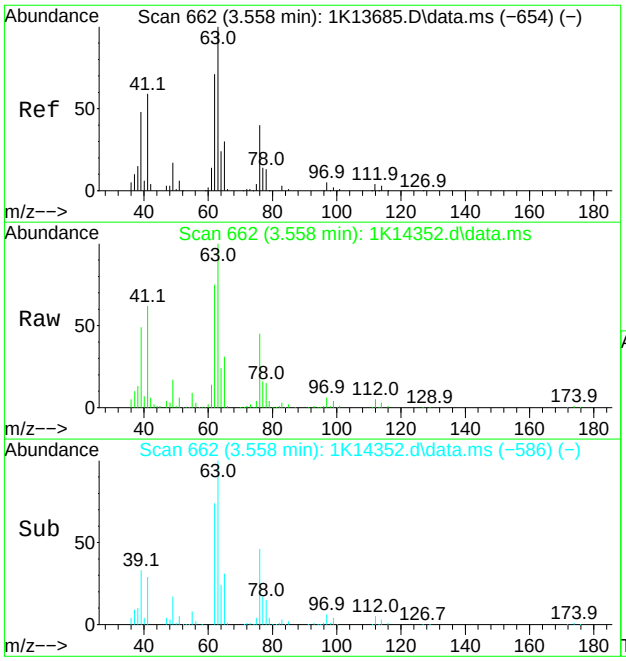


#63
methyl methacrylate
Concen: 47.3043 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:100 Resp: 87903

Ion	Ratio	Lower	Upper
100	100		
41	300.3	304.0	364.0#
69	241.1	224.1	284.1

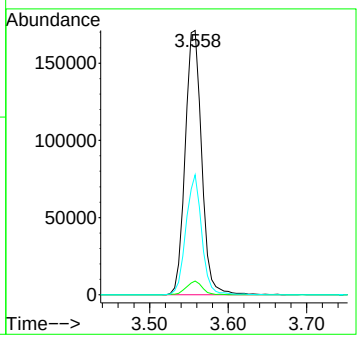


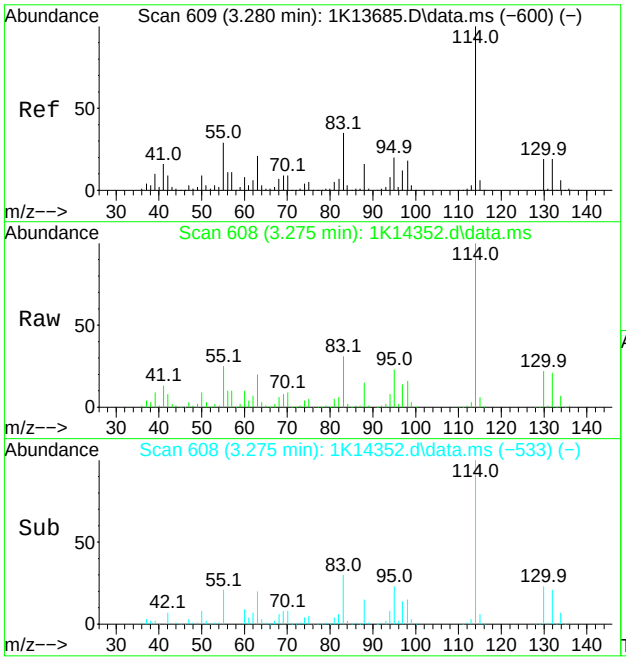


#64
1,2-dichloropropane
Concen: 42.4524 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 63 Resp: 249901

Ion	Ratio	Lower	Upper
63	100		
112	5.3	0.0	34.4
76	45.4	10.3	70.3

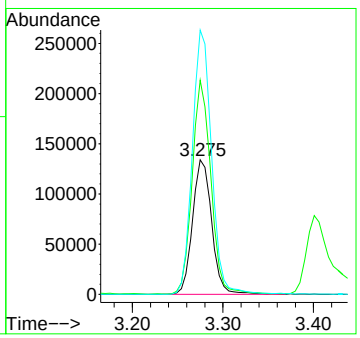


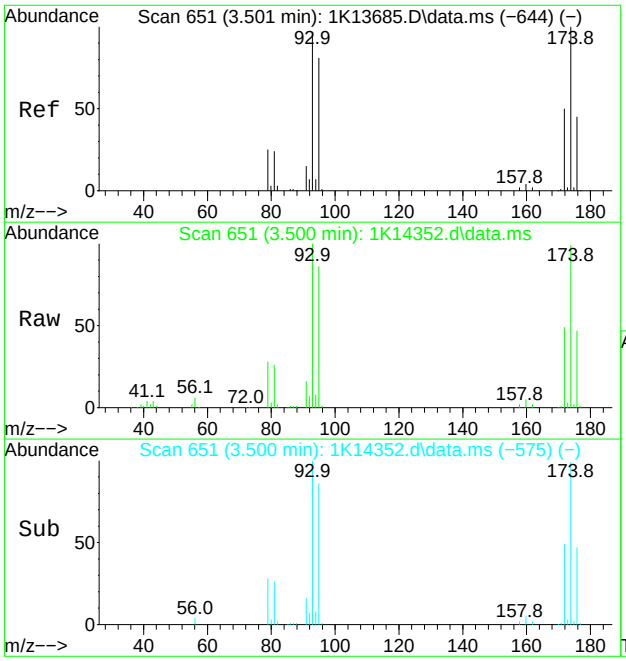


#65
methylcyclohexane
Concen: 44.2873 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 98 Resp: 197598

Ion	Ratio	Lower	Upper
98	100		
55	158.9	130.3	190.3
83	196.7	194.3	194.3#

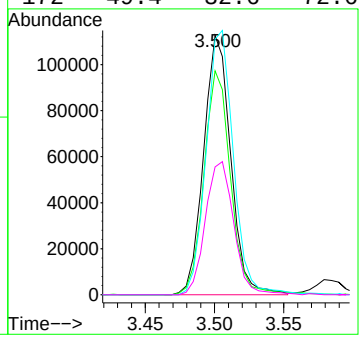


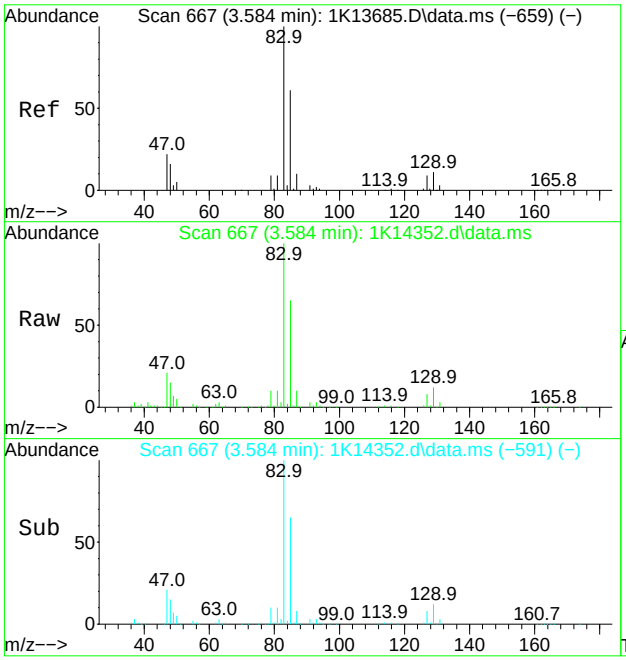


#66
dibromomethane
Concen: 45.5554 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 93 Resp: 153154

Ion	Ratio	Lower	Upper
93	100		
95	86.4	54.7	114.7
174	98.7	74.1	134.1
172	49.4	32.6	72.6

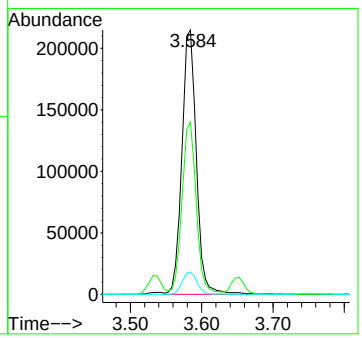


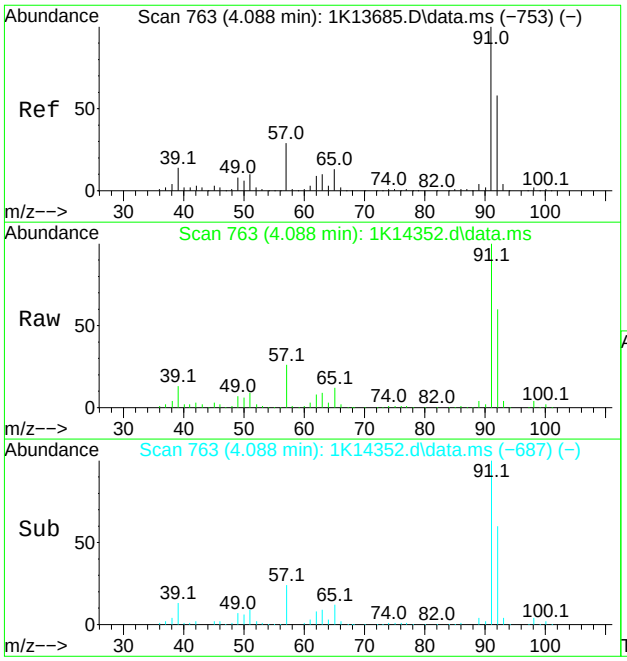


#67
bromodichloromethane
Concen: 42.6345 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 83 Resp: 304066

Ion	Ratio	Lower	Upper
83	100		
85	65.1	35.1	95.1
127	8.5	0.0	39.1

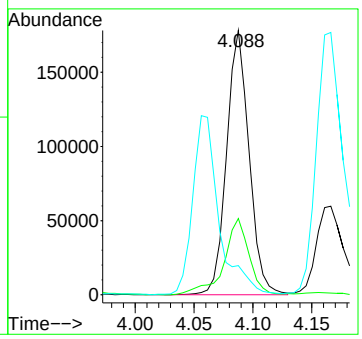


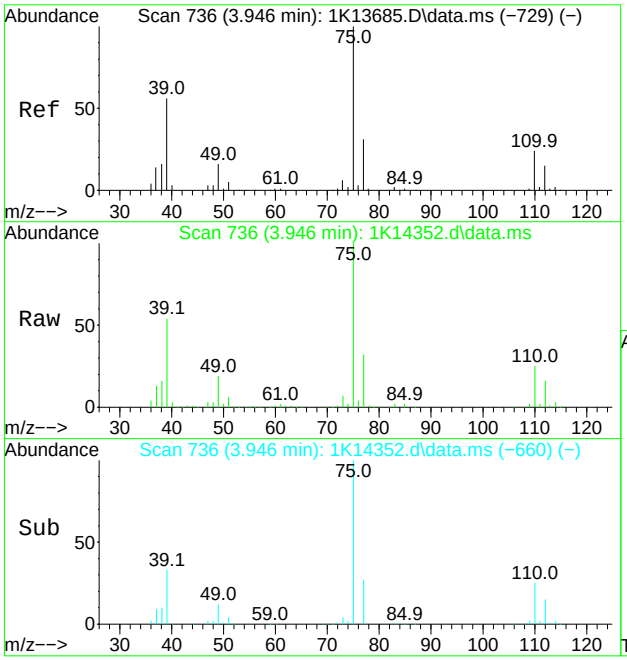


#68
epichlorohydrin
Concen: 198.8140 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 57 Resp: 237275

Ion	Ratio	Lower	Upper
57	100		
49	28.9	6.2	46.2
42	10.8	0.0	29.7

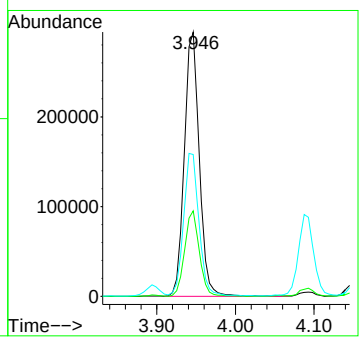


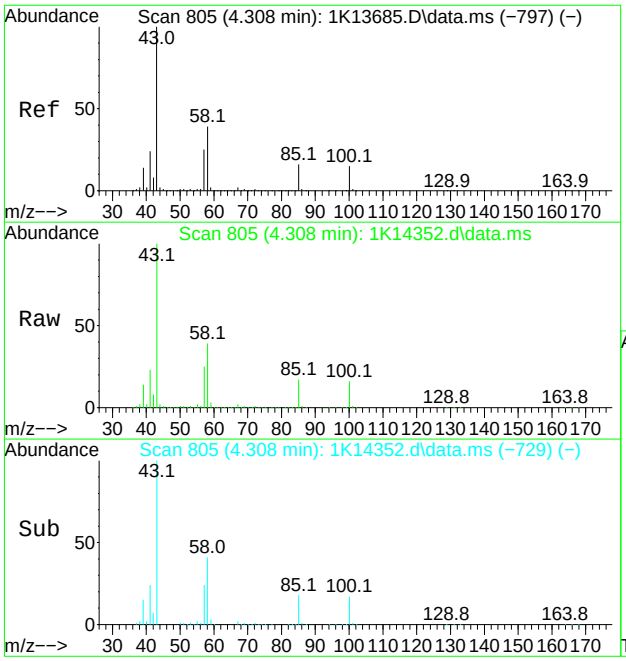


#69
cis-1,3-dichloropropene
Concen: 43.1128 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 75 Resp: 389400

Ion	Ratio	Lower	Upper
75	100		
77	32.2	1.6	61.6
39	52.7	26.9	86.9

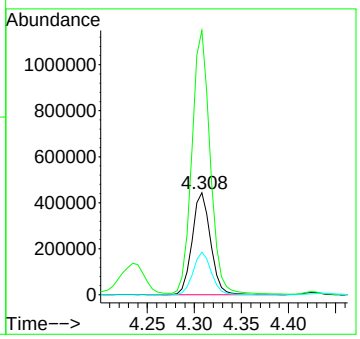


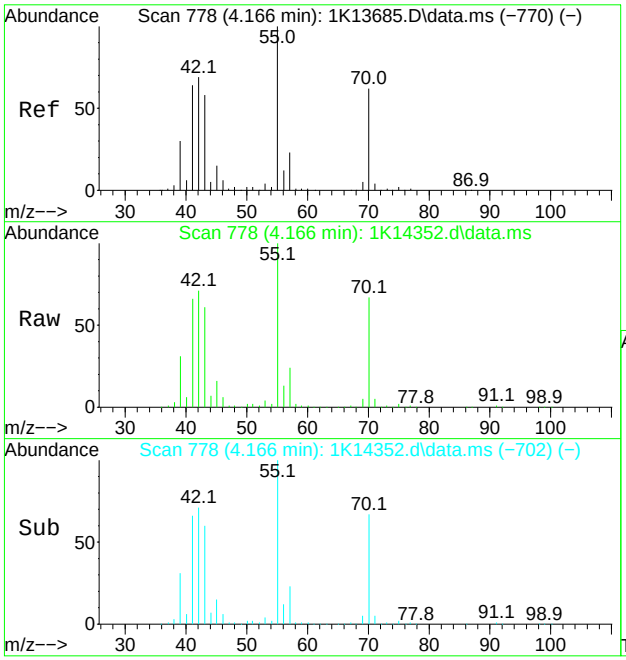


#70
4-methyl-2-pentanone
Concen: 180.7468 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 58 Resp: 605900

Ion	Ratio	Lower	Upper
58	100		
43	258.6	226.7	286.7
100	41.8	8.1	68.1

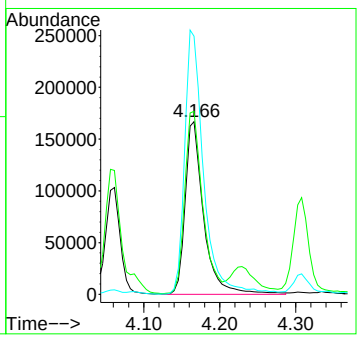


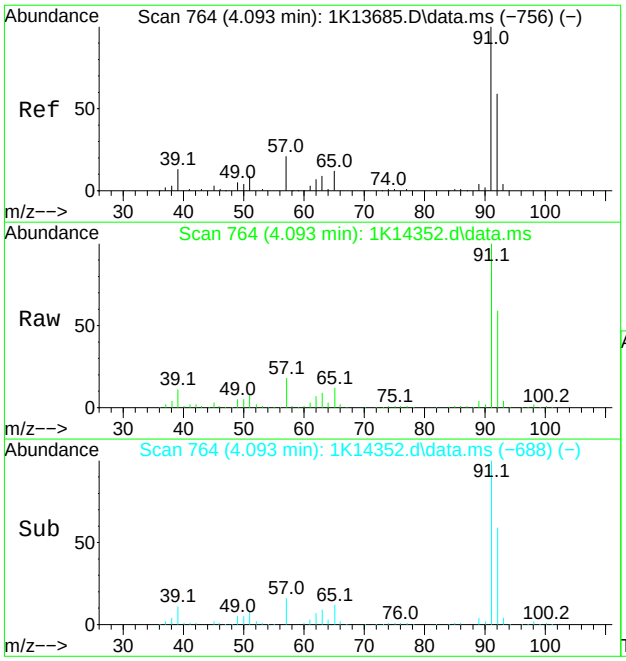


#71
3-methyl-1-butanol
Concen: 788.7372 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 70 Resp: 281347

Ion	Ratio	Lower	Upper
70	100		
42	105.7	81.3	141.3
55	149.5	131.4	191.4

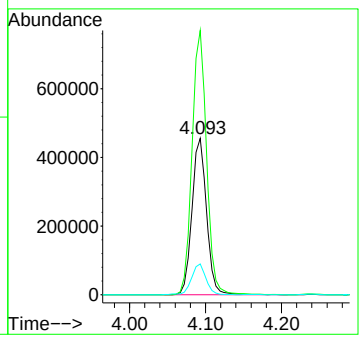


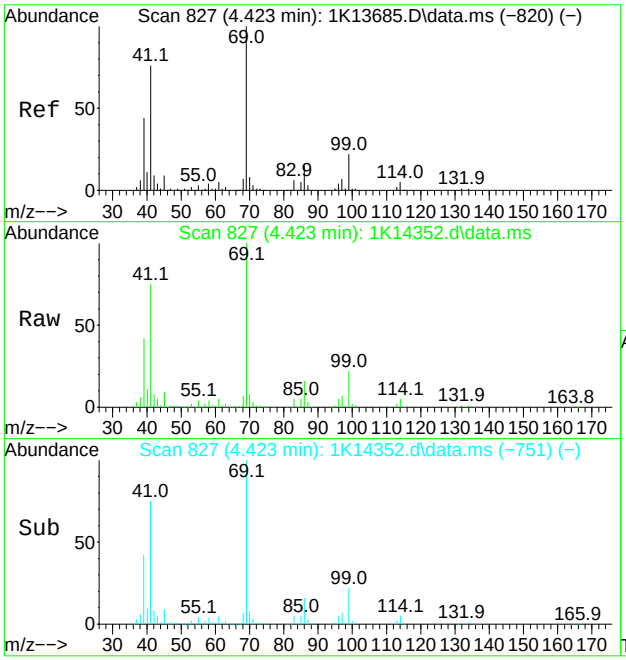


#74
toluene
Concen: 43.4756 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 92 Resp: 606798

Ion	Ratio	Lower	Upper
92	100		
91	169.1	150.5	190.5
65	19.8	0.6	40.6

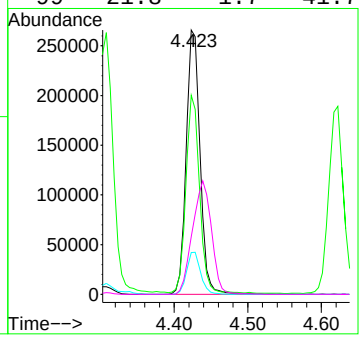


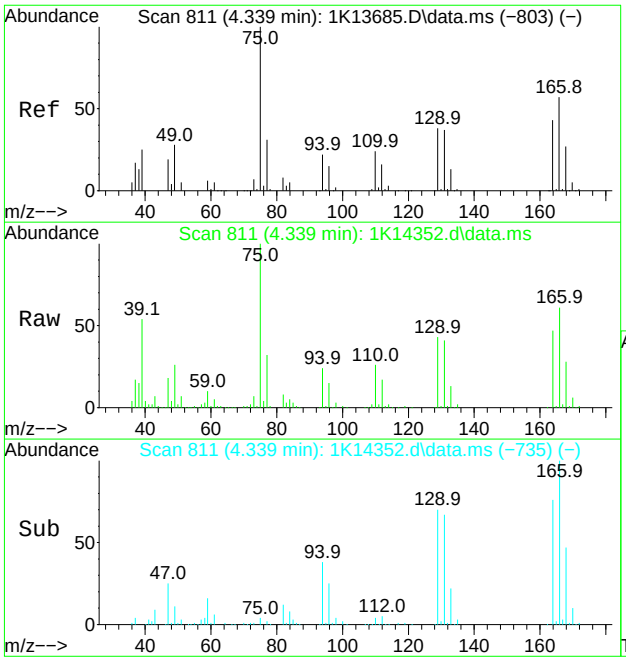


#75
ethyl methacrylate
Concen: 44.1355 ug/L
RT: 4.423 min Scan# 827
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 69 Resp: 348265

Ion	Ratio	Lower	Upper
69	100		
41	75.0	56.7	96.7
86	15.8	0.0	35.4
99	21.8	1.7	41.7

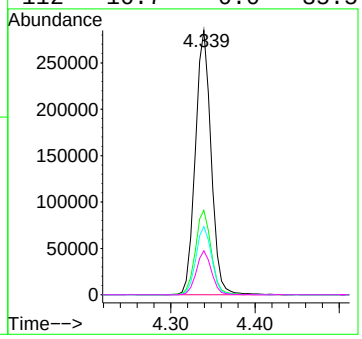


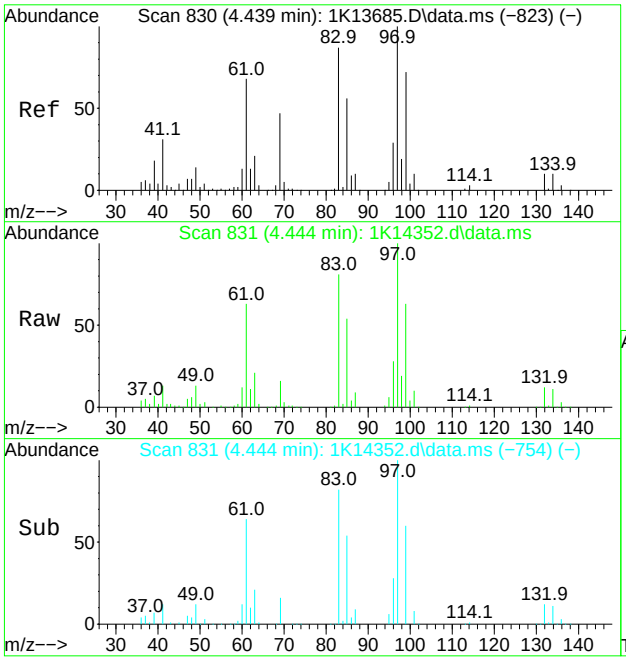


#76
trans-1,3-dichloropropene
Concen: 43.6406 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 75 Resp: 371033

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.2	51.2
110	25.8	4.0	44.0
112	16.7	0.0	35.5

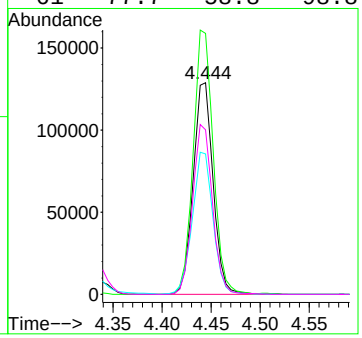


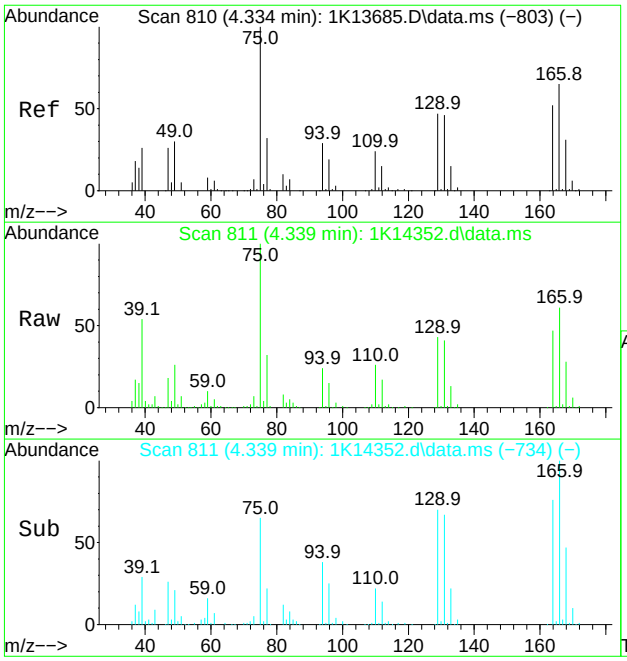


#77
1,1,2-trichloroethane
Concen: 44.6066 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 83 Resp: 182452

Ion	Ratio	Lower	Upper
83	100		
97	123.3	95.4	135.4
85	66.4	45.4	85.4
61	77.7	58.8	98.8

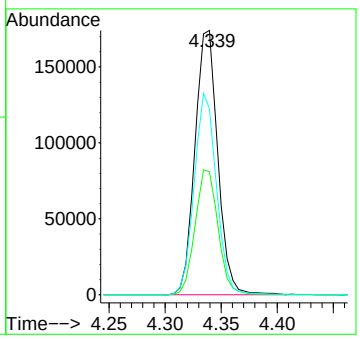


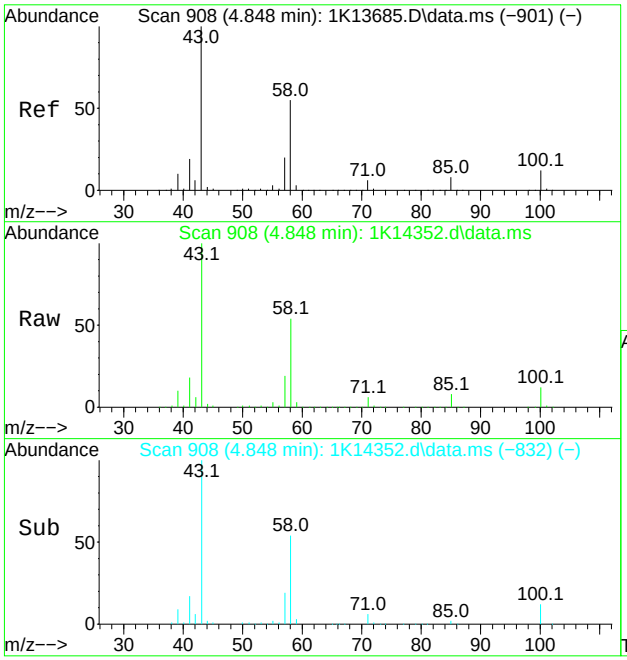


#78
tetrachloroethene
Concen: 43.7847 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:166 Resp: 246981

Ion	Ratio	Lower	Upper
166	100		
168	46.6	17.2	77.2
129	70.4	42.2	102.2

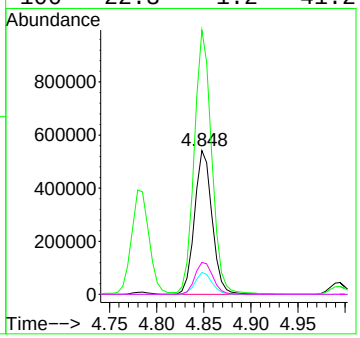


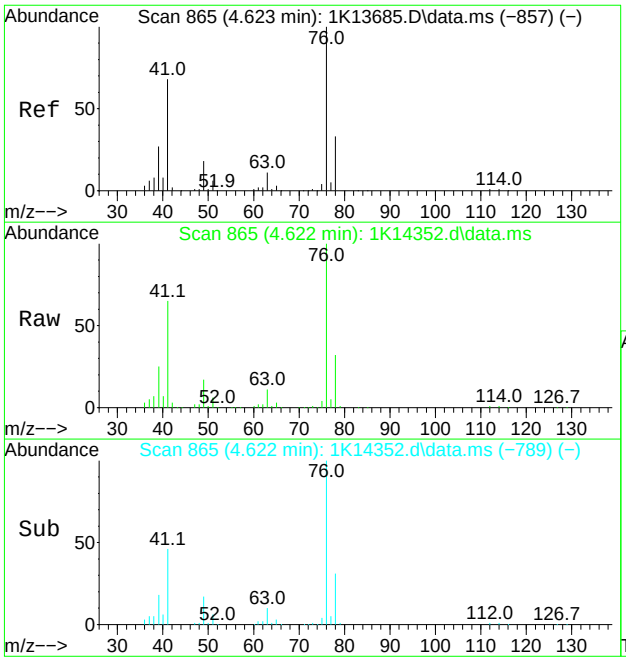


#79
2-hexanone
Concen: 185.3525 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 58 Resp: 704354

Ion	Ratio	Lower	Upper
58	100		
43	183.7	162.0	202.0
85	15.3	0.0	34.2
100	22.3	1.2	41.2

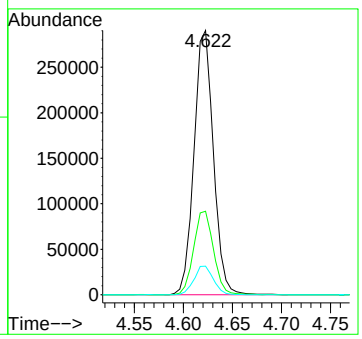


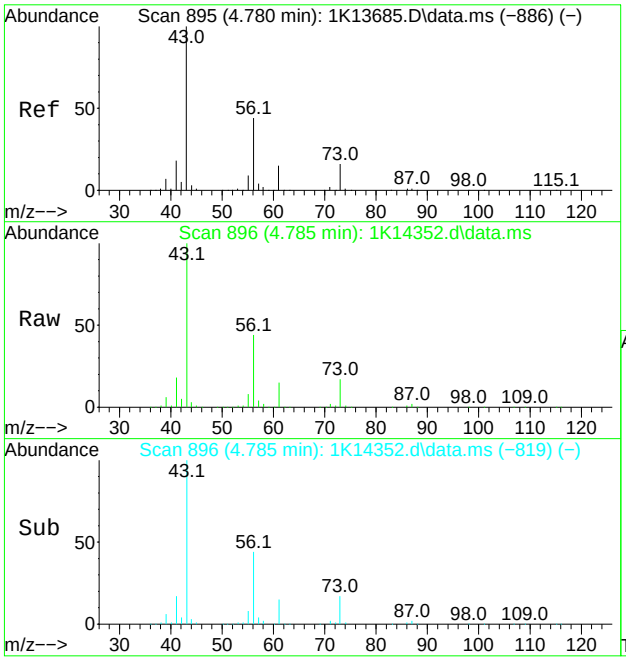


#80
1,3-dichloropropane
Concen: 44.5009 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 76 Resp: 400140

Ion	Ratio	Lower	Upper
76	100		
78	31.6	3.0	63.0
63	10.8	0.0	40.8

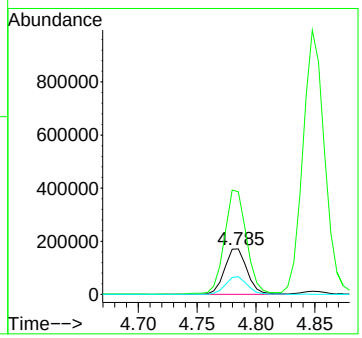


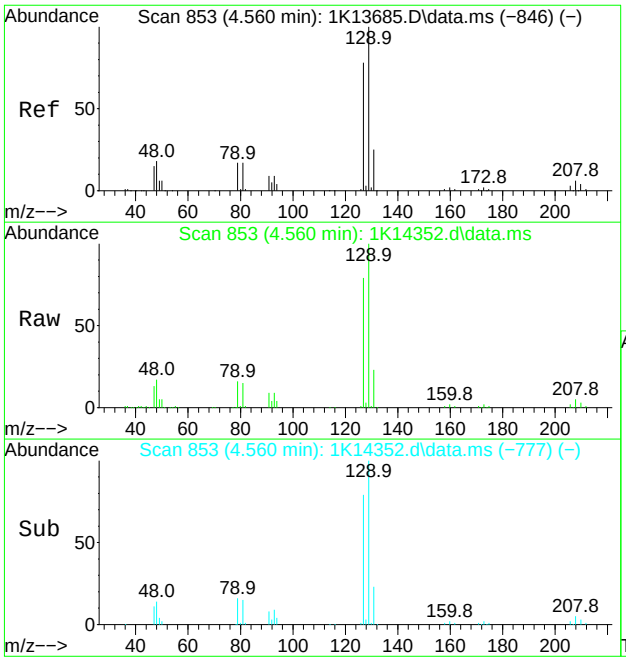


#81
butyl acetate
Concen: 44.5641 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 56 Resp: 228760

Ion	Ratio	Lower	Upper
56	100		
43	225.9	198.9	258.9
73	39.1	7.7	67.7

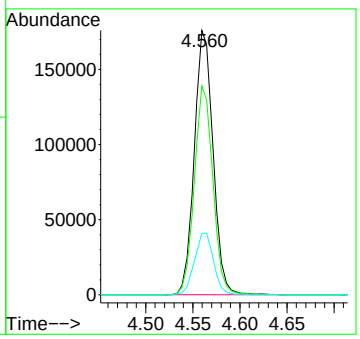


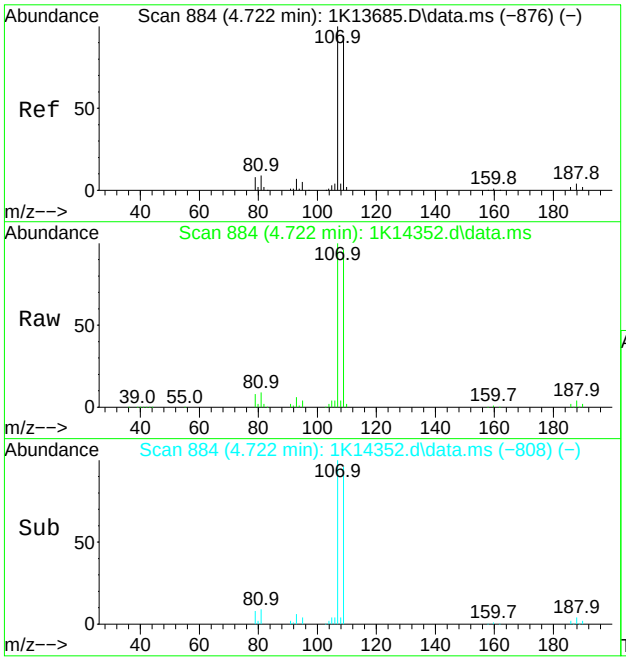


#82
dibromochloromethane
Concen: 48.9799 ug/L
RT: 4.560 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:129 Resp: 244344

Ion	Ratio	Lower	Upper
129	100		
127	79.0	48.2	108.2
131	23.3	0.0	54.9

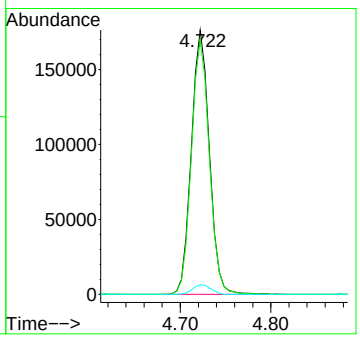


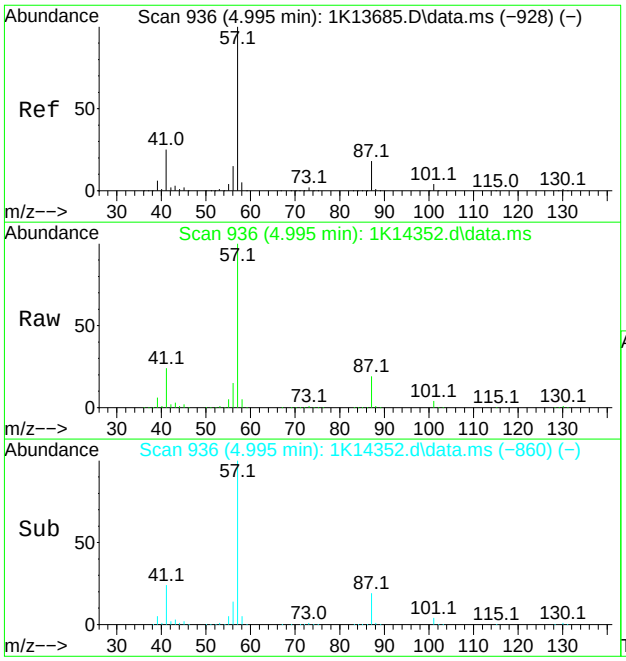


#83
1,2-dibromoethane
Concen: 46.9667 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:107 Resp: 243340

Ion	Ratio	Lower	Upper
107	100		
109	96.1	64.1	124.1
188	3.7	0.0	33.9

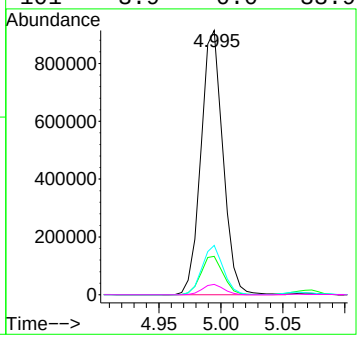


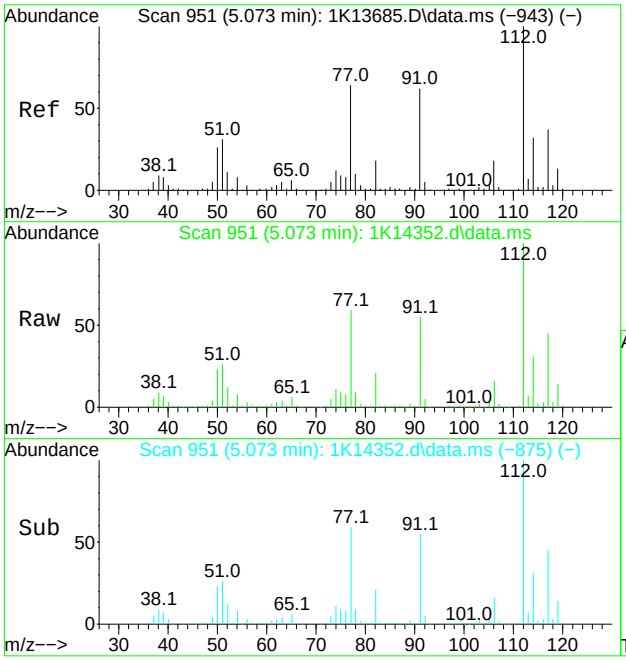


#84
n-butyl ether
Concen: 42.0058 ug/L
RT: 4.995 min Scan# 936
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 57 Resp: 1131528

Ion	Ratio	Lower	Upper
57	100		
56	14.5	0.0	44.5
87	18.6	0.0	47.6
101	3.9	0.0	33.9

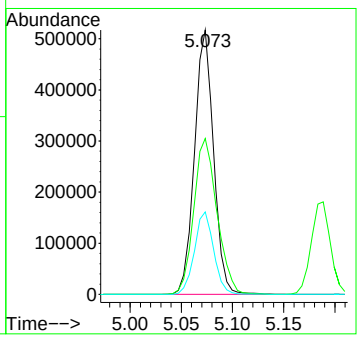


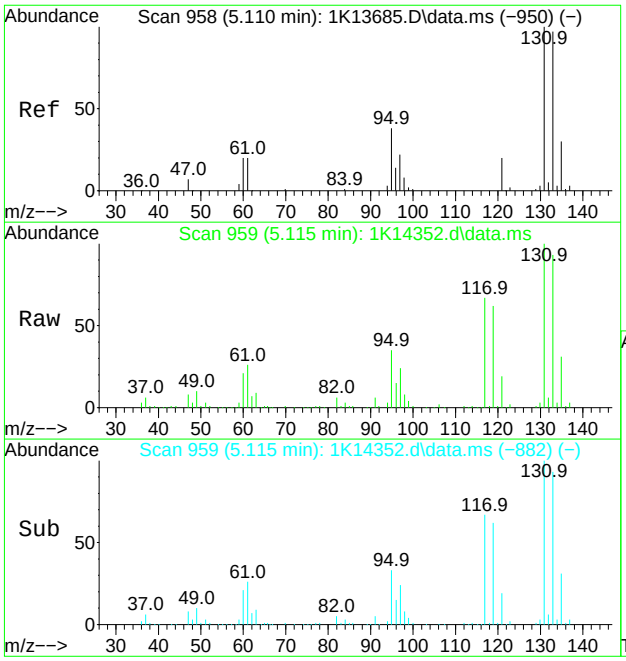


#85
chlorobenzene
Concen: 45.4691 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:112 Resp: 672797

Ion	Ratio	Lower	Upper
112	100		
77	58.9	33.8	93.8
114	31.2	2.0	62.0

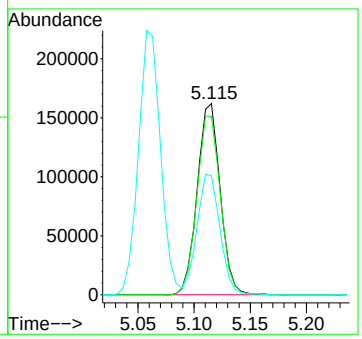


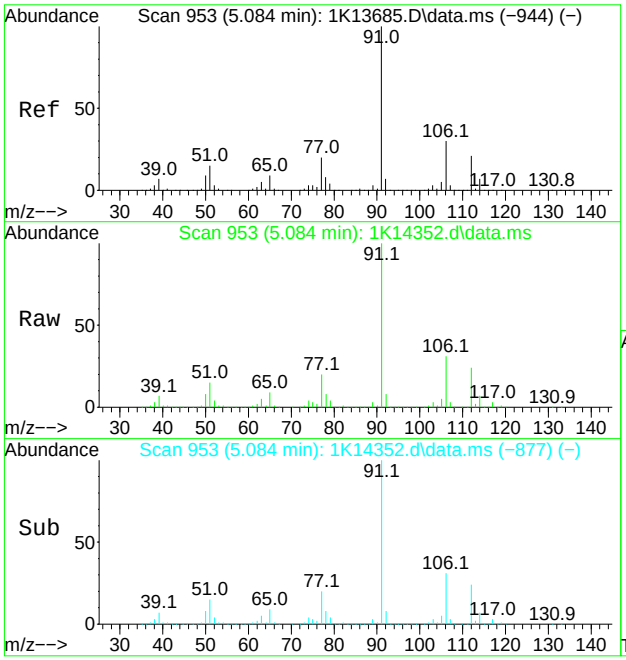


#86
1,1,1,2-tetrachloroethane
Concen: 47.3032 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:131 Resp: 231005

Ion	Ratio	Lower	Upper
131	100		
133	93.2	67.0	127.0
119	62.3	34.4	94.4

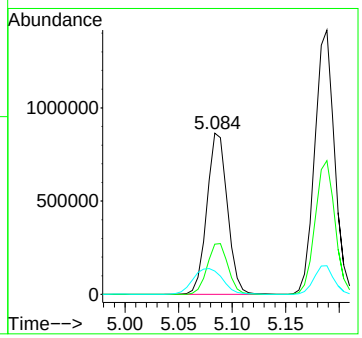


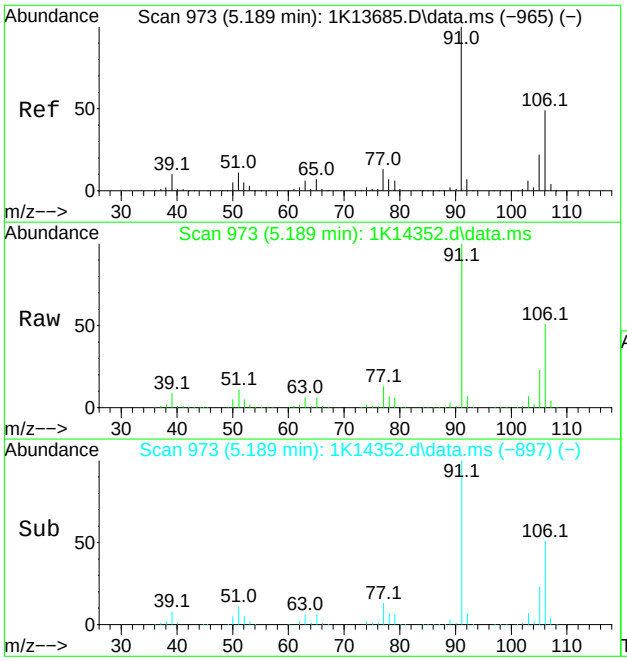


#87
ethylbenzene
Concen: 41.4592 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 91 Resp: 1153512

Ion	Ratio	Lower	Upper
91	100		
106	31.2	0.2	60.2
51	14.5	0.0	45.3

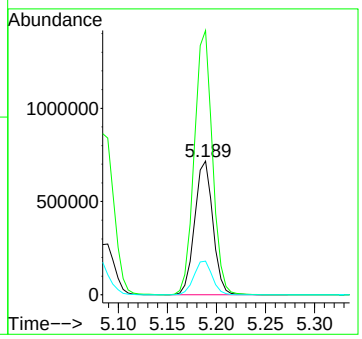


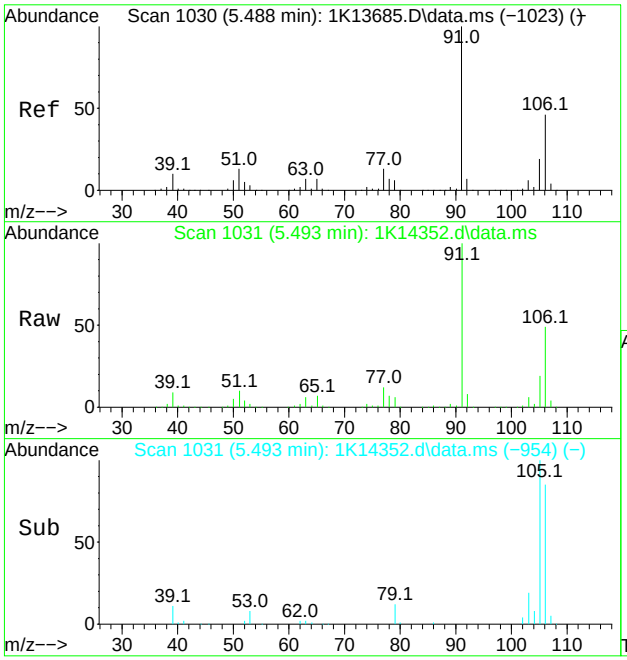


#88
m,p-xylene
Concen: 89.2944 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:106 Resp: 926341

Ion	Ratio	Lower	Upper
106	100		
91	197.8	172.8	232.8
77	25.2	5.8	45.8

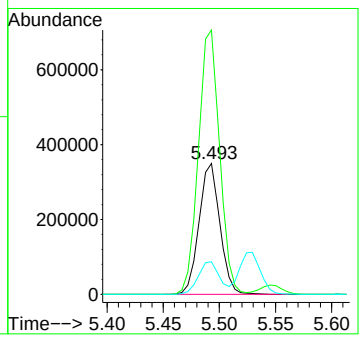


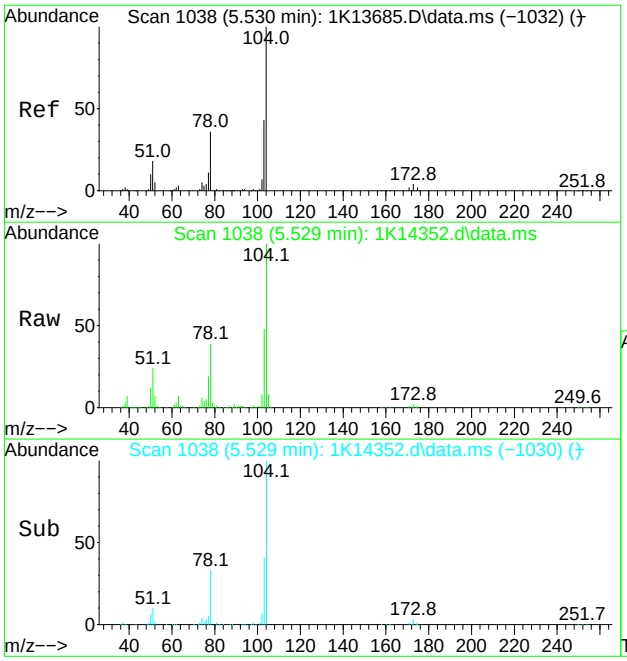


#89
o-xylene
Concen: 45.9549 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:106 Resp: 453190

Ion	Ratio	Lower	Upper
106	100		
91	202.1	186.3	246.3
77	24.9	7.1	47.1

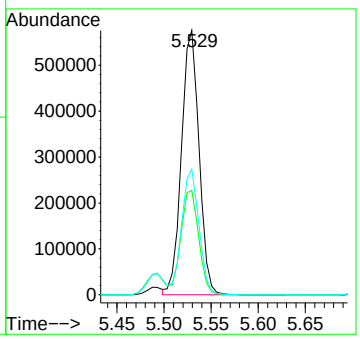


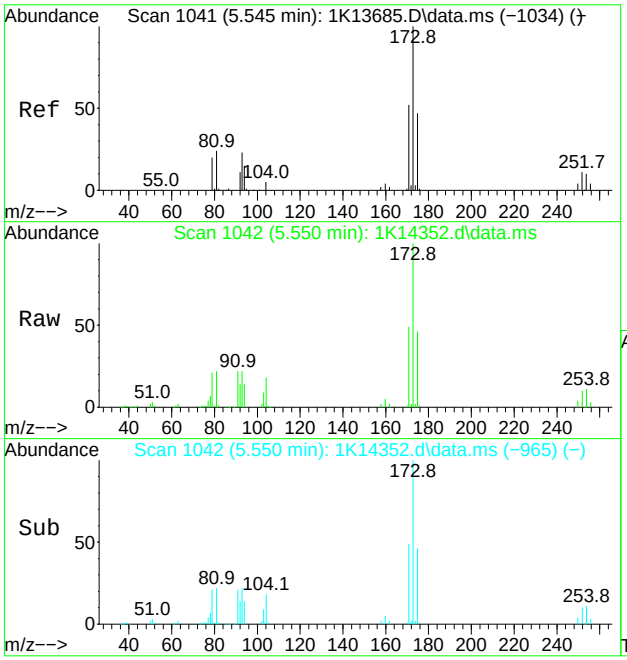


#90
styrene
Concen: 46.0730 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:104 Resp: 748278

Ion	Ratio	Lower	Upper
104	100		
78	39.5	10.4	70.4
103	47.5	17.6	77.6

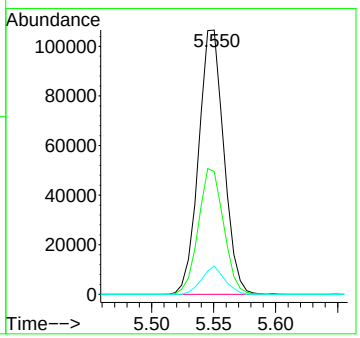


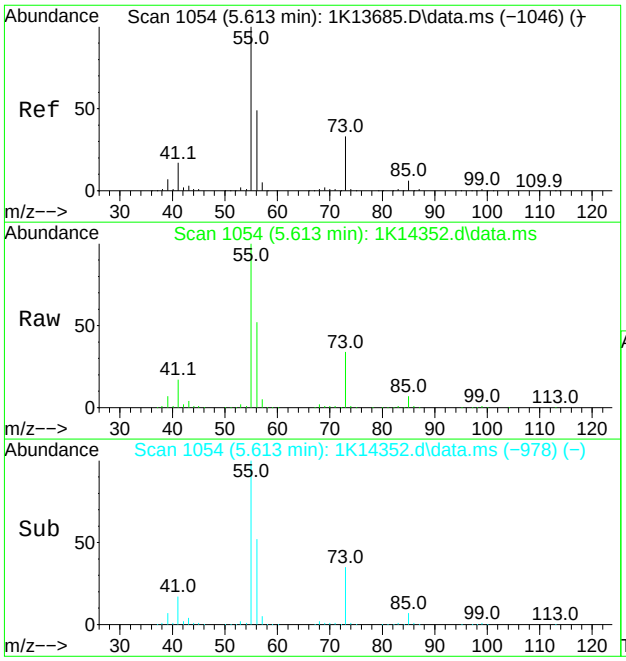


#91
bromoform
Concen: 43.1087 ug/L
RT: 5.550 min Scan# 1042
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:173 Resp: 151423

Ion	Ratio	Lower	Upper
173	100		
175	46.4	17.2	77.2
254	10.7	0.0	39.9

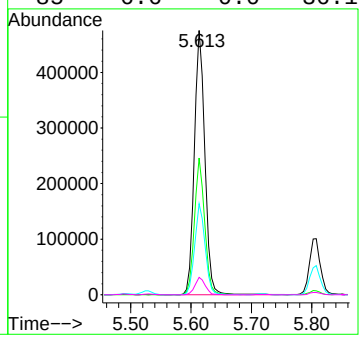


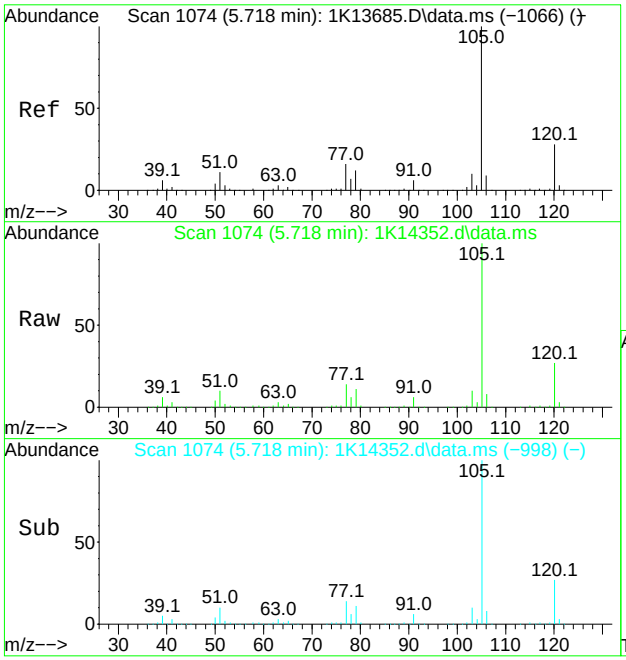


#92
butyl acrylate
Concen: 42.3512 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 55 Resp: 576003

Ion	Ratio	Lower	Upper
55	100		
56	51.7	19.4	79.4
73	34.5	3.4	63.4
85	6.6	0.0	36.1

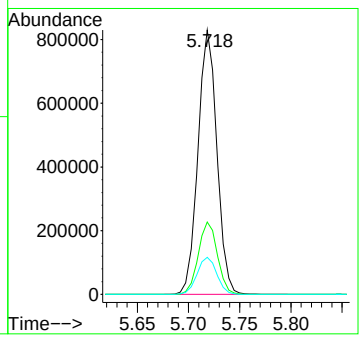


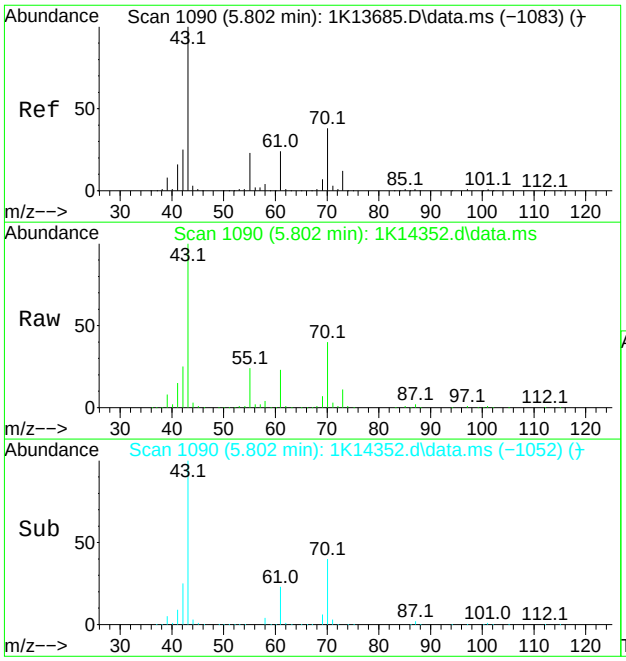


#93
isopropylbenzene
Concen: 45.5203 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:105 Resp: 1071918

Ion	Ratio	Lower	Upper
105	100		
120	27.3	7.6	47.6
77	14.0	0.0	35.6

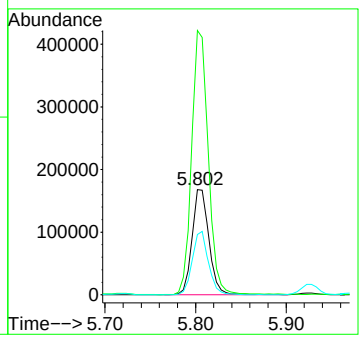


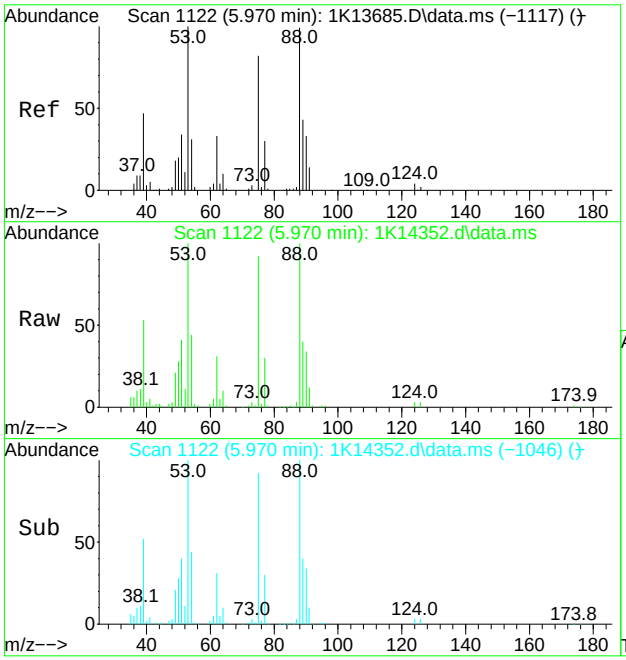


#94
n-amyl acetate
Concen: 44.5660 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 70 Resp: 217984

Ion	Ratio	Lower	Upper
70	100		
43	251.2	241.4	281.4
61	57.4	43.1	83.1

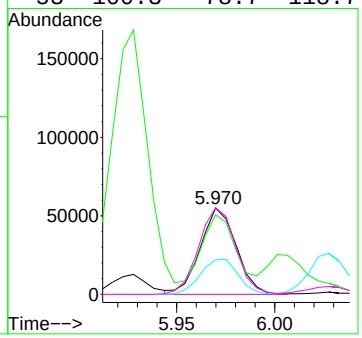


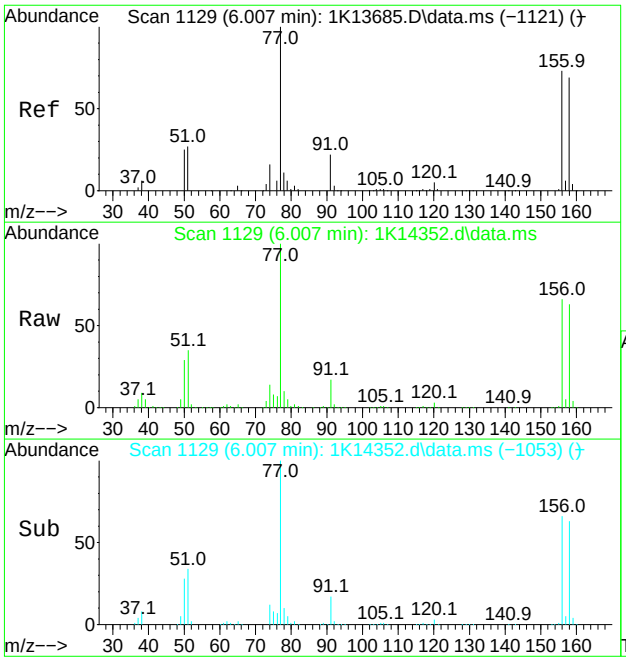


#95
cis-1,4-dichloro-2-butene
Concen: 23.9790 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 88 Resp: 70088

Ion	Ratio	Lower	Upper
88	100		
75	54.8	61.4	101.4#
89	40.1	22.1	62.1
53	100.3	78.7	118.7

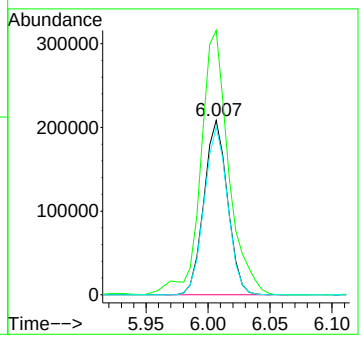


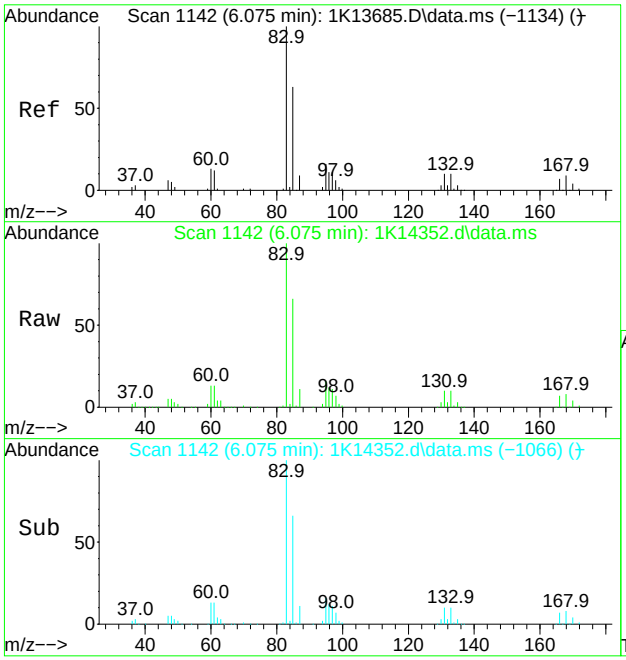


#98
bromobenzene
Concen: 45.7685 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:156 Resp: 275174

Ion	Ratio	Lower	Upper
156	100		
77	151.6	121.4	181.4
158	96.3	64.8	124.8

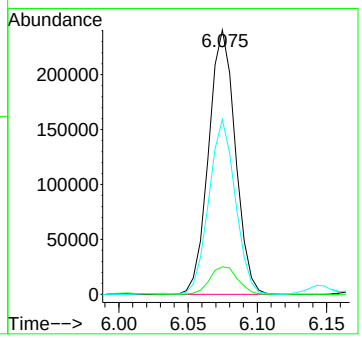


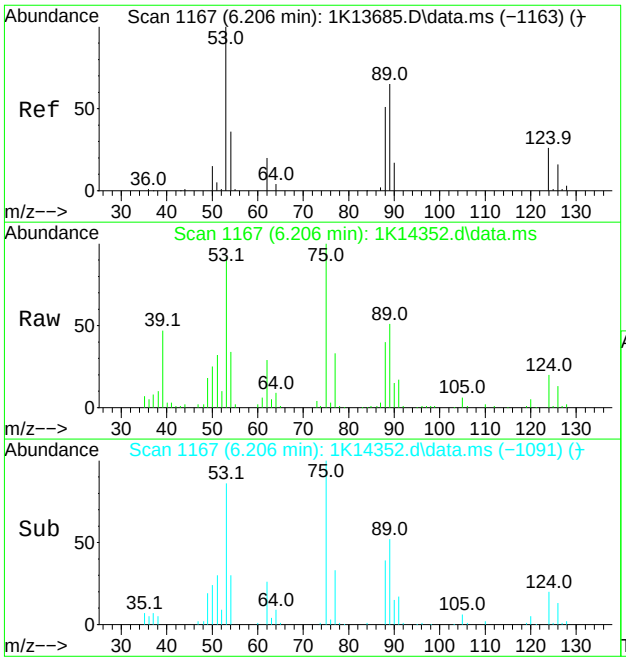


#99
1,1,2,2-tetrachloroethane
Concen: 46.8832 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 83 Resp: 322209

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	40.4
85	66.0	33.3	93.3

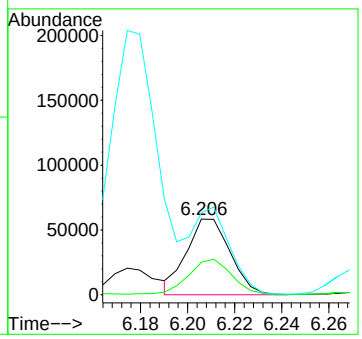


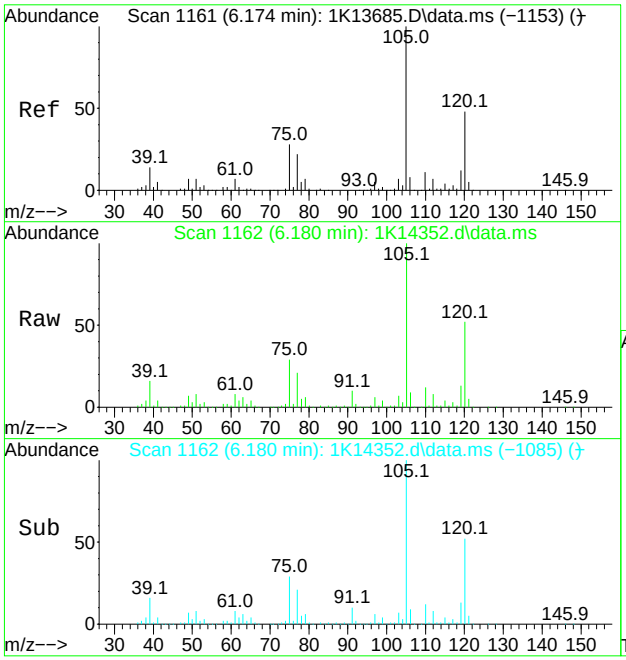


#100
trans-1,4-dichloro-2-butene
Concen: 26.8164 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 53 Resp: 75182

Ion	Ratio	Lower	Upper
53	100		
88	43.3	15.0	75.0
75	108.1	88.4	148.4

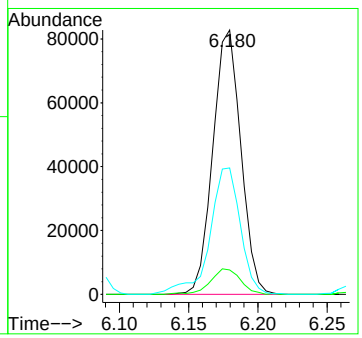


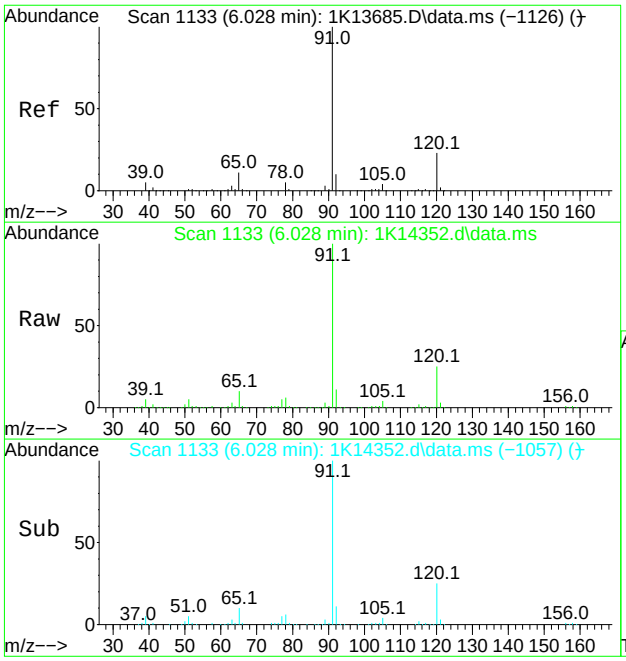


#101
1,2,3-trichloropropane
Concen: 50.6498 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:110 Resp: 116135

Ion	Ratio	Lower	Upper
110	100		
111	9.2	0.0	40.4
97	47.8	19.6	79.6

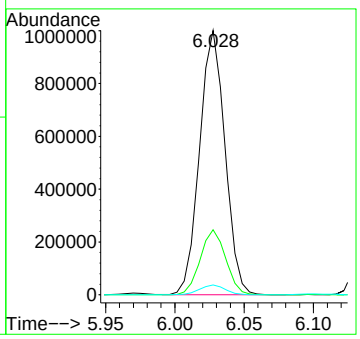


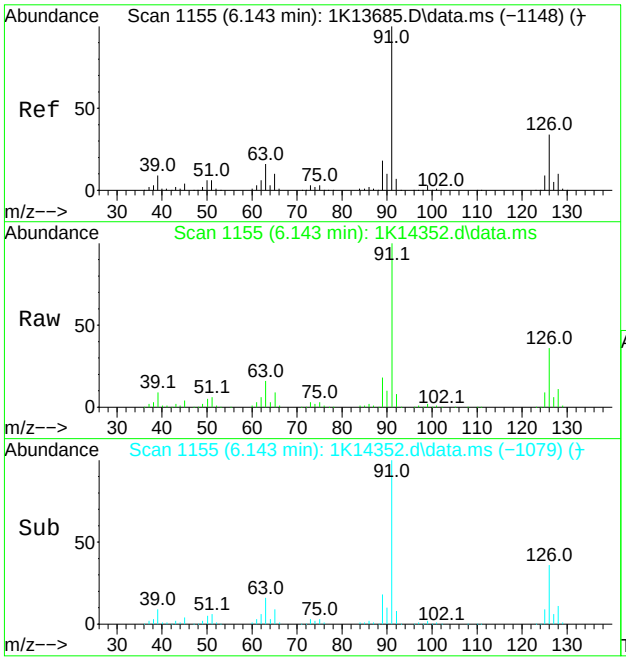


#102
n-propylbenzene
Concen: 44.0612 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 91 Resp: 1274738

Ion	Ratio	Lower	Upper
91	100		
120	24.6	0.0	53.1
105	3.7	0.0	33.8

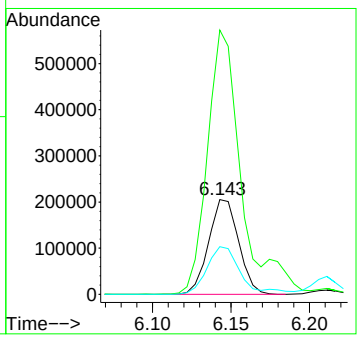


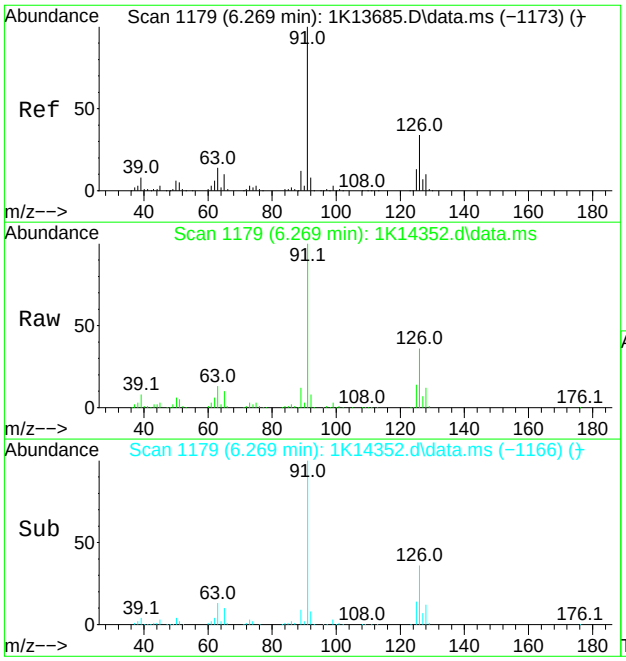


#103
2-chlorotoluene
Concen: 48.5930 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:126 Resp: 273553

Ion	Ratio	Lower	Upper
126	100		
91	278.4	265.3	325.3
89	50.2	24.5	84.5

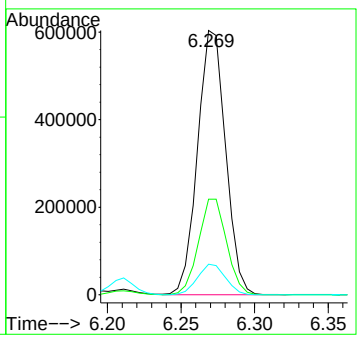


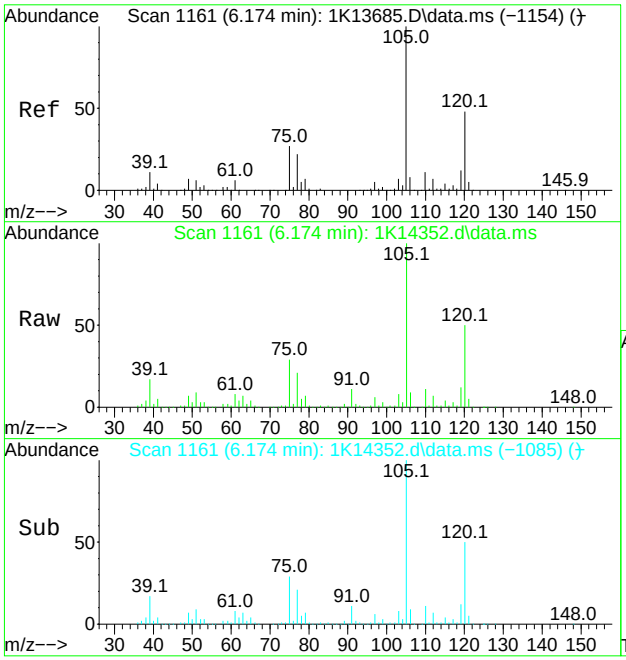


#104
4-chlorotoluene
Concen: 43.6038 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 91 Resp: 799097

Ion	Ratio	Lower	Upper
91	100		
126	36.2	3.8	63.8
89	11.6	0.0	41.7

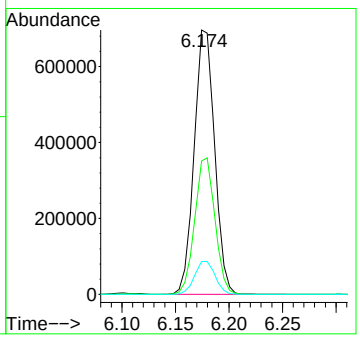


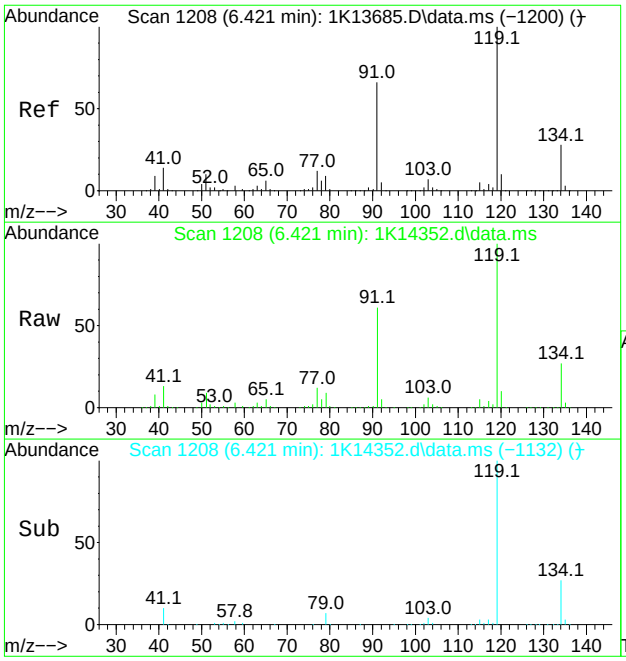


#105
1,3,5-trimethylbenzene
Concen: 46.8666 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:105 Resp: 927858

Ion	Ratio	Lower	Upper
105	100		
120	50.4	18.3	78.3
119	12.4	0.0	42.2

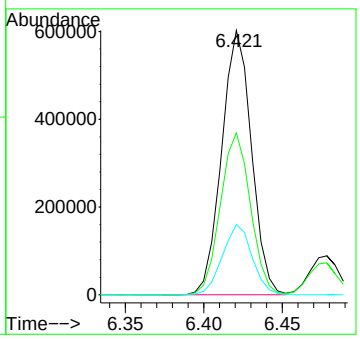


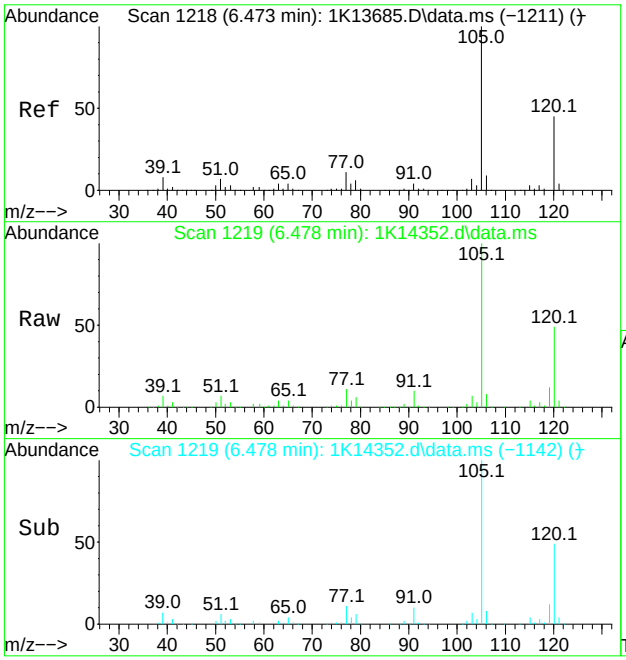


#106
tert-butylbenzene
Concen: 47.8953 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:119 Resp: 795007

Ion	Ratio	Lower	Upper
119	100		
91	61.2	36.3	96.3
134	26.6	0.0	57.5

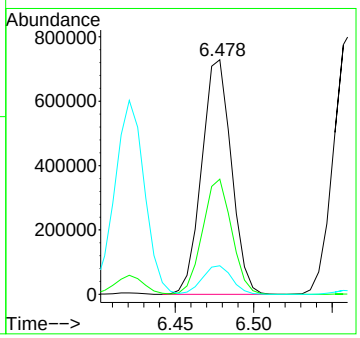


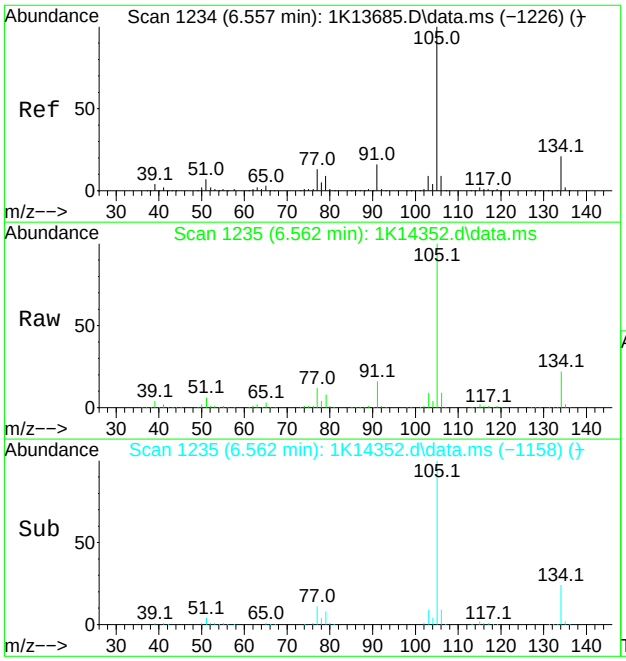


#107
1,2,4-trimethylbenzene
Concen: 46.5640 ug/L
RT: 6.478 min Scan# 1219
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:105 Resp: 958110

Ion	Ratio	Lower	Upper
105	100		
120	49.1	16.6	76.6
119	12.2	0.0	41.7

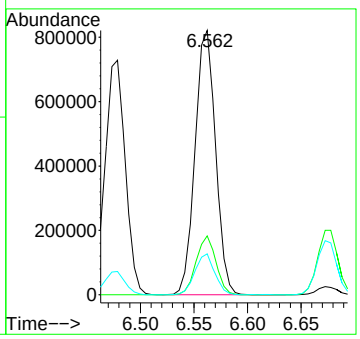


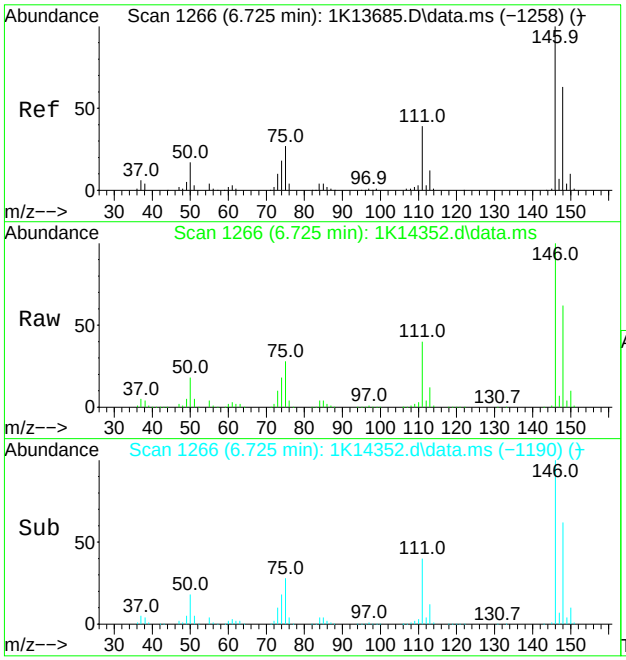


#108
sec-butylbenzene
Concen: 46.7835 ug/L
RT: 6.562 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:105 Resp: 1096564

Ion	Ratio	Lower	Upper
105	100		
134	22.2	0.0	50.7
91	15.5	0.0	45.7

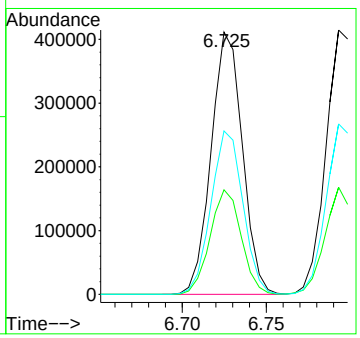


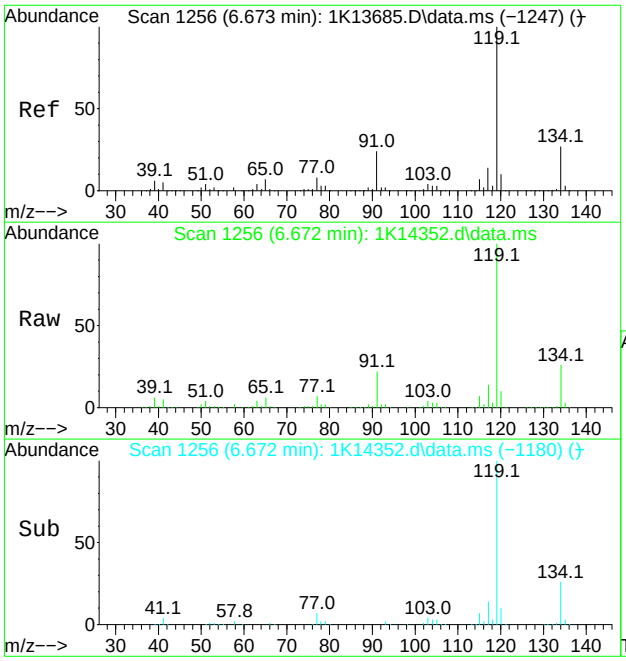


#109
1,3-dichlorobenzene
Concen: 45.7573 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:146 Resp: 533680

Ion	Ratio	Lower	Upper
146	100		
111	39.8	8.8	68.8
148	62.3	33.3	93.3

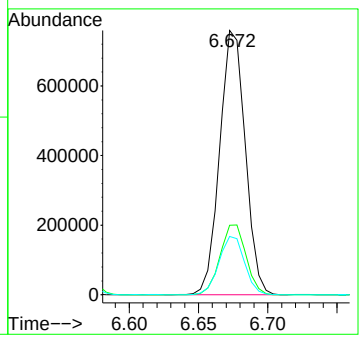


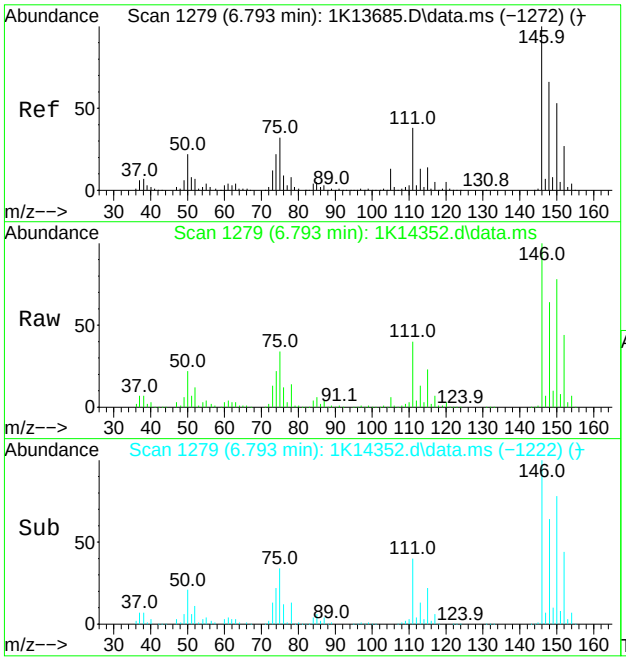


#110
p-isopropyltoluene
Concen: 49.0067 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.001 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:119 Resp: 972746

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	57.5
91	22.1	0.0	53.9

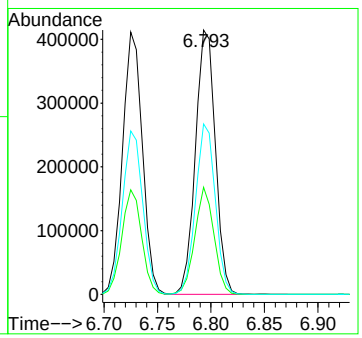


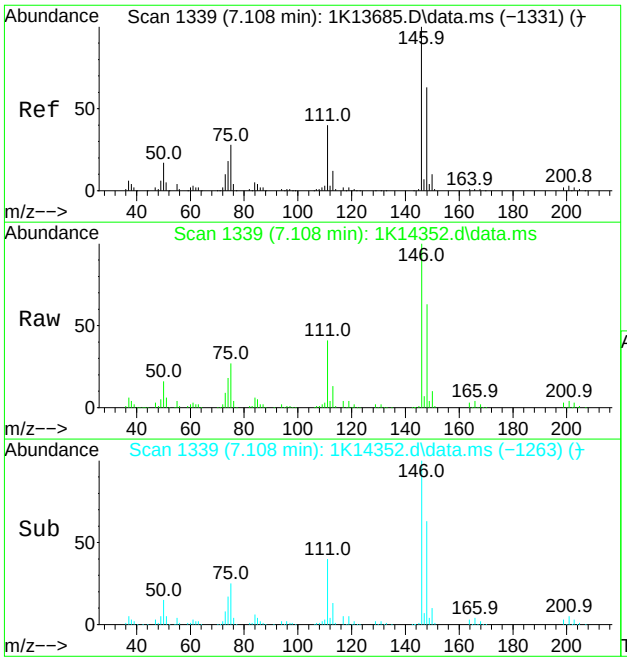


#111
1,4-dichlorobenzene
Concen: 45.7493 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:146 Resp: 538912

Ion	Ratio	Lower	Upper
146	100		
111	40.5	7.8	67.8
148	64.5	35.5	95.5

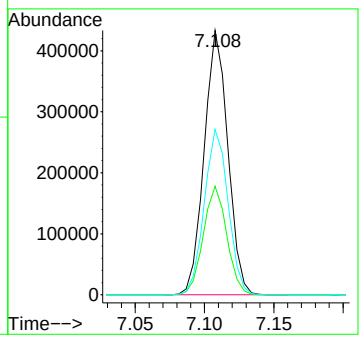


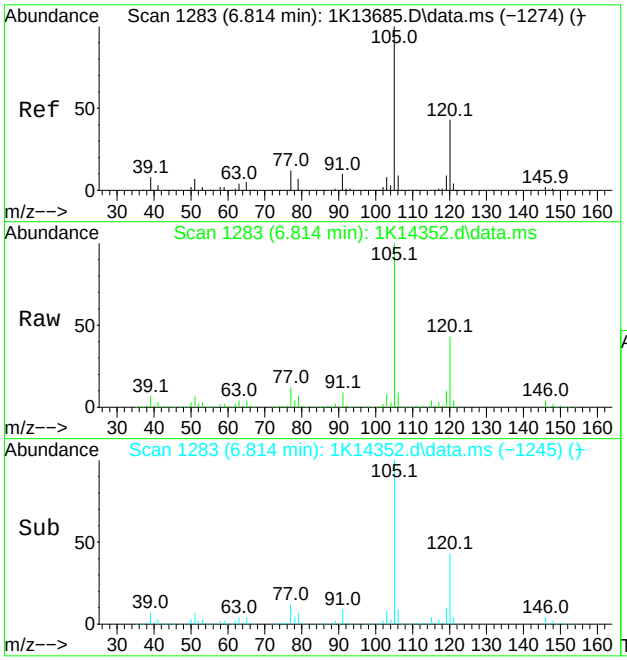


#112
1,2-dichlorobenzene
Concen: 46.4670 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:146 Resp: 513650

Ion	Ratio	Lower	Upper
146	100		
111	41.0	9.5	69.5
148	62.6	32.9	92.9

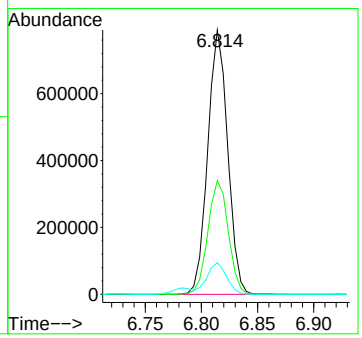


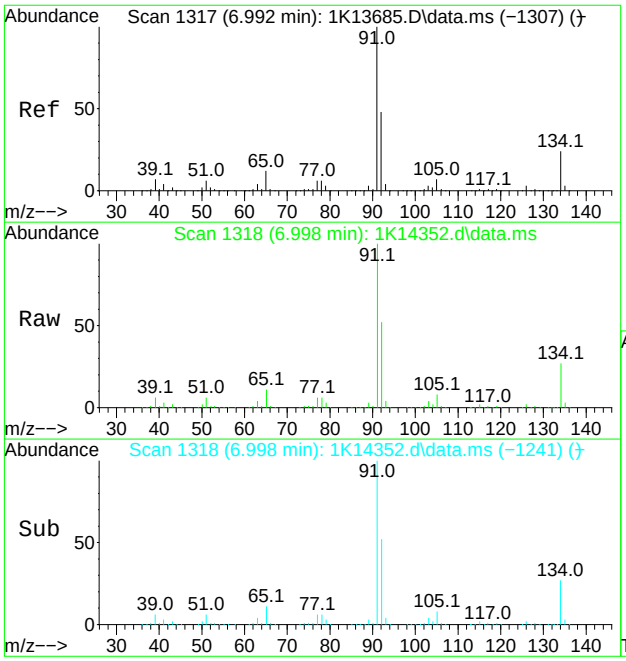


#113
1,2,3-trimethylbenzene
Concen: 46.2809 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:105 Resp: 977396

Ion	Ratio	Lower	Upper
105	100		
120	43.1	13.3	73.3
77	12.0	0.0	42.2

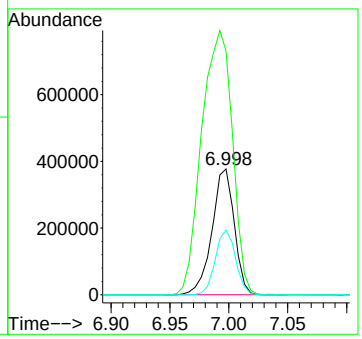


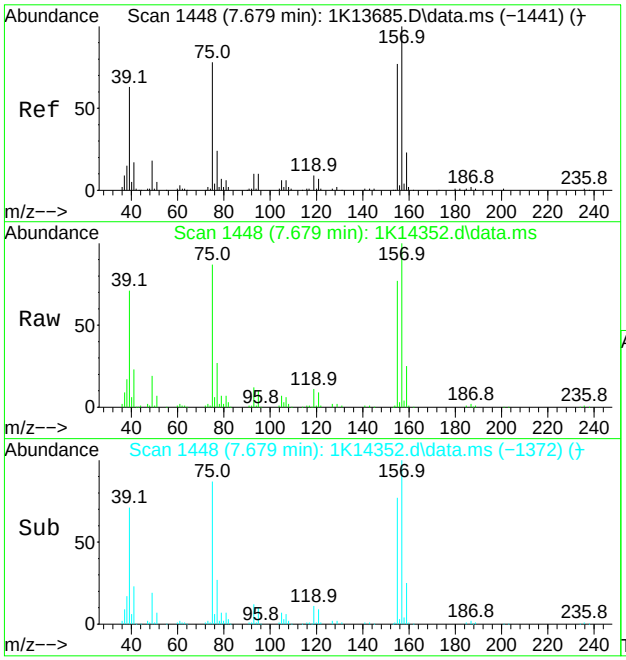


#114
n-butylbenzene
Concen: 47.0086 ug/L
RT: 6.998 min Scan# 1318
Delta R.T. 0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion: 92 Resp: 497411

Ion	Ratio	Lower	Upper
92	100		
91	193.5	176.9	236.9
134	51.5	18.8	78.8

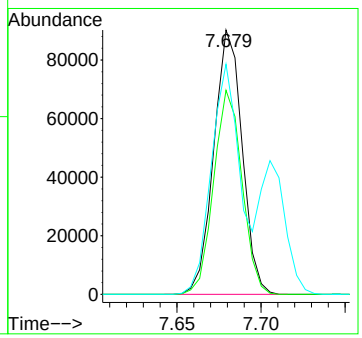


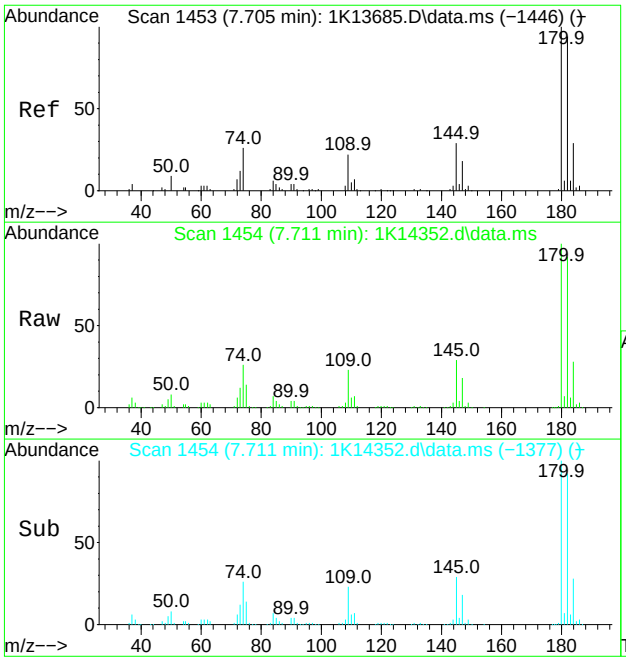


#115
1,2-dibromo-3-chloropropane
Concen: 46.5970 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:157 Resp: 106107

Ion	Ratio	Lower	Upper
157	100		
155	77.2	47.4	107.4
75	87.0	47.7	107.7

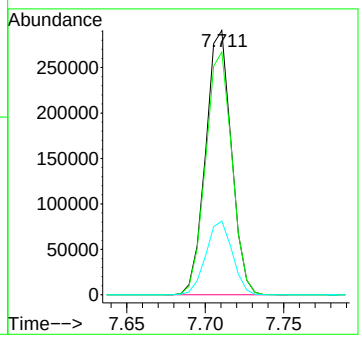


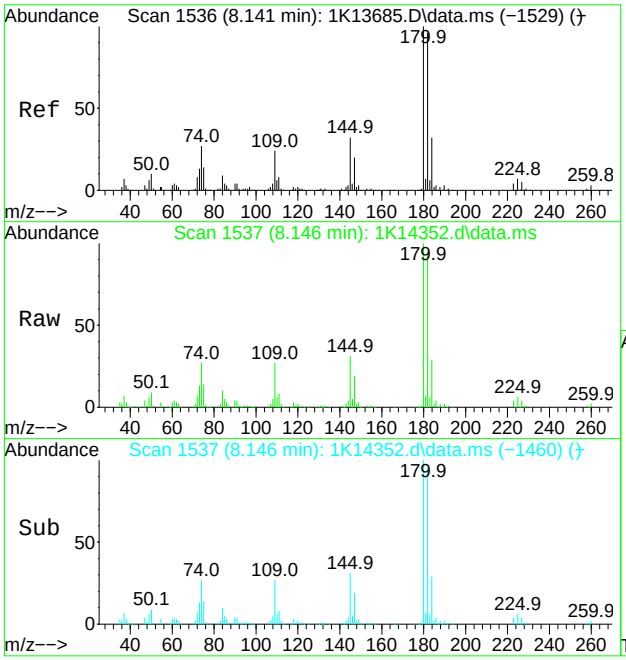


#116
1,3,5-trichlorobenzene
Concen: 45.3453 ug/L
RT: 7.711 min Scan# 1454
Delta R.T. 0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:180 Resp: 331495

Ion	Ratio	Lower	Upper
180	100		
182	91.8	74.2	114.2
184	27.9	9.3	49.3

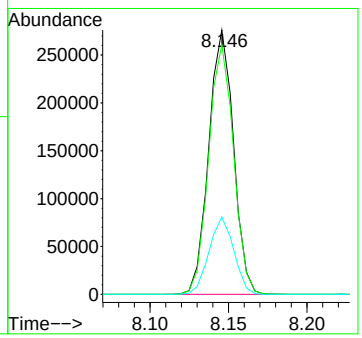


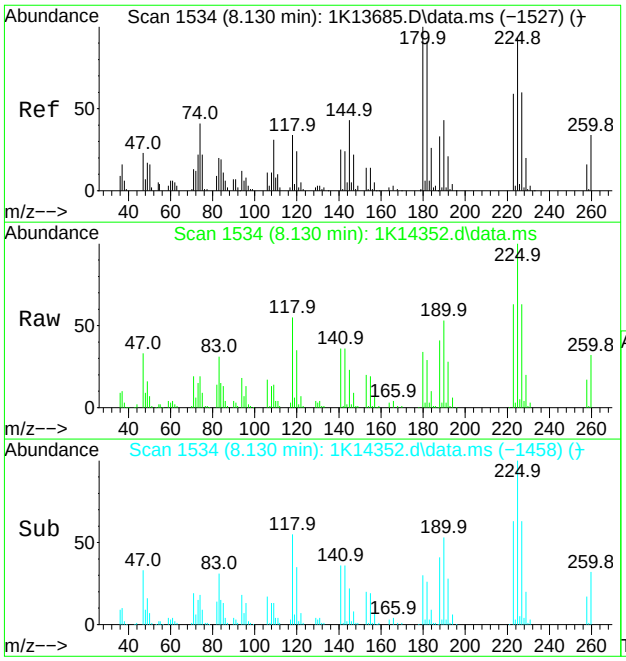


#117
1,2,4-trichlorobenzene
Concen: 45.9218 ug/L
RT: 8.146 min Scan# 1537
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:180 Resp: 303586

Ion	Ratio	Lower	Upper
180	100		
182	94.6	66.2	126.2
184	29.2	1.6	61.6

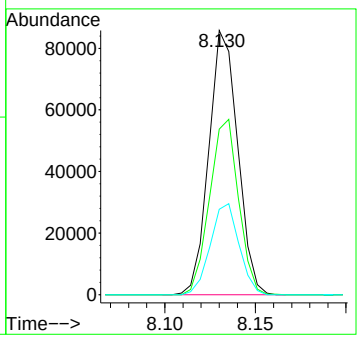


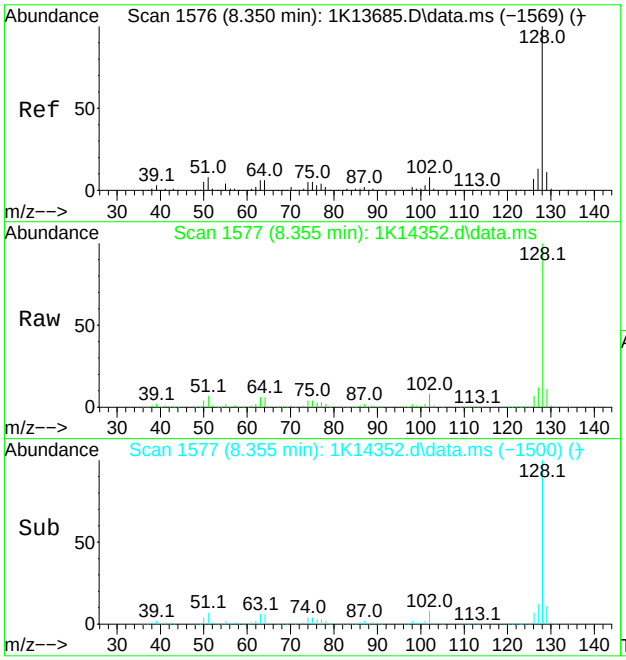


#118
hexachlorobutadiene
Concen: 41.0792 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:225 Resp: 94854

Ion	Ratio	Lower	Upper
225	100		
227	62.6	34.0	94.0
260	32.4	6.4	66.4

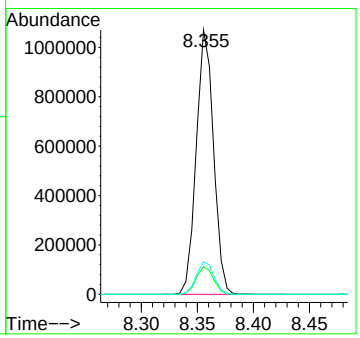


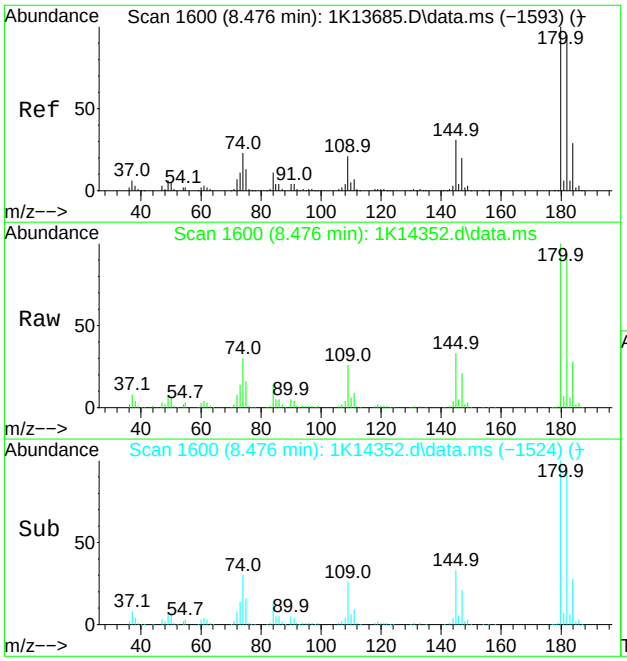


#119
naphthalene
Concen: 49.6266 ug/L
RT: 8.355 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:128 Resp: 1146978

Ion	Ratio	Lower	Upper
128	100		
129	10.6	0.0	40.7
127	12.3	0.0	42.5

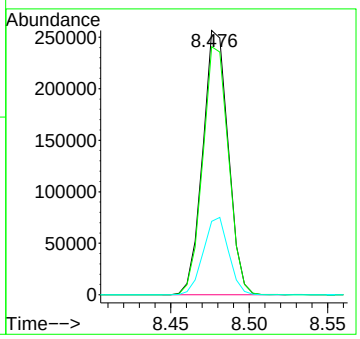


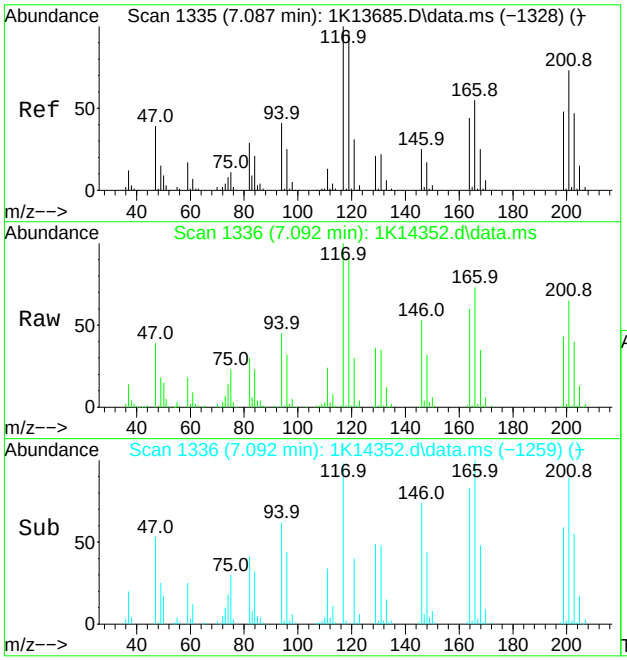


#120
1,2,3-trichlorobenzene
Concen: 47.1116 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:180 Resp: 290702

Ion	Ratio	Lower	Upper
180	100		
182	93.8	64.7	124.7
184	27.8	0.0	59.2

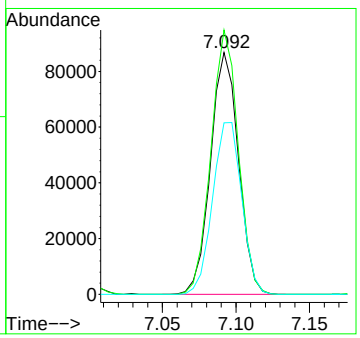


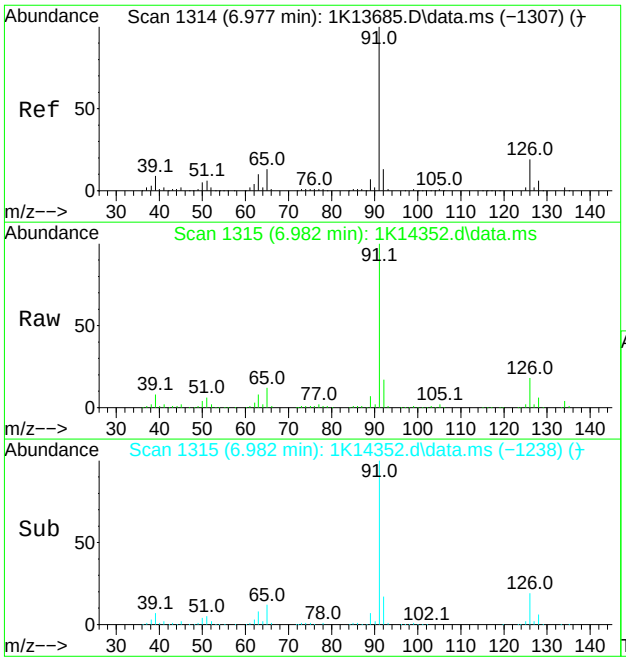


#121
hexachloroethane
Concen: 41.1533 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:119 Resp: 114702

Ion	Ratio	Lower	Upper
119	100		
117	109.3	73.4	133.4
201	71.0	45.3	105.3

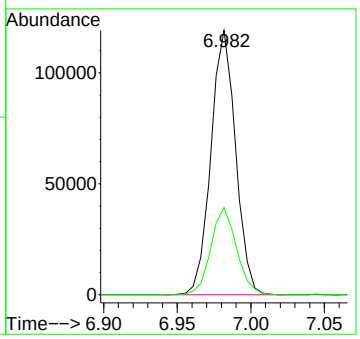


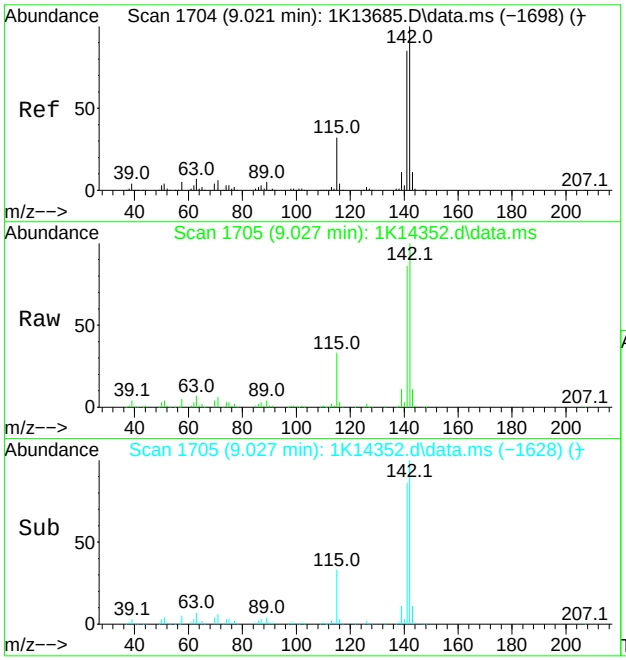


#122
benzyl chloride
Concen: 44.7546 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:126 Resp: 138528

Ion	Ratio	Lower	Upper
126	100		
128	33.0	2.6	62.6

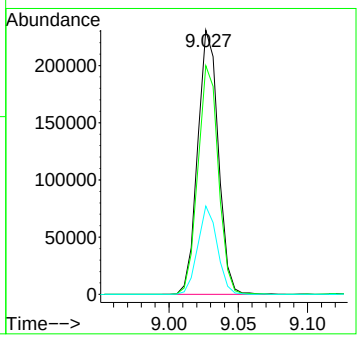




#123
2-methylnaphthalene
Concen: 25.2194 ug/L
RT: 9.027 min Scan# 1705
Delta R.T. 0.006 min
Lab File: 1K14352.d
Acq: 20 Dec 2023 10:58 am

Tgt Ion:142 Resp: 238934

Ion	Ratio	Lower	Upper
142	100		
141	86.5	55.2	115.2
115	33.4	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179180.D
Acq On : 21 Dec 2023 09:57 am
Operator : NICKW
Sample : bs Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 17:21:18 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.072	65	136204	500.00	ug/L	0.00
5) pentafluorobenzene	3.088	168	113097	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.419	114	217996	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	198075	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	100997	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.834	113	66411	43.97	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 87.94%			
51) 1,2-dichloroethane-d4 (s)	3.139	65	80168	53.56	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 107.12%			
73) toluene-d8 (s)	4.355	98	251537	50.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.58%			
96) 4-bromofluorobenzene (s)	6.339	95	97686	54.04	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 108.08%			
Target Compounds						Qvalue
2) ethanol	1.651	45	225501	14524.1542	ug/L	93
3) tertiary butyl alcohol	2.107	59	120972	287.0200	ug/L	89
4) 1,4-dioxane	3.914	88	36495	1966.3857	ug/L #	58
6) chlorodifluoromethane	1.078	51	131322	83.0054	ug/L	82
7) dichlorodifluoromethane	1.046	85	83952	42.9679	ug/L	96
8) chloromethane	1.165	50	100705	88.1654	ug/L	94
9) vinyl chloride	1.188	62	93433	67.3526	ug/L	98
10) 1,3-butadiene	1.194	39	119989	100.6775	ug/L	96
11) bromomethane	1.342	96	19868	46.6763	ug/L #	95
12) chloroethane	1.400	64	48705	55.6642	ug/L	97
13) trichlorofluoromethane	1.464	101	104976	46.5796	ug/L	97
14) ethyl ether	1.599	74	38570	52.1315	ug/L #	64
15) acrolein	1.847	56	25364	82.9231	ug/L	95
16) freon 113	1.712	151	46405	46.6869	ug/L	97
17) 1,1-dichloroethene	1.699	61	107493	60.9176	ug/L	90
18) acetone	1.979	58	98783	288.4655	ug/L	94
19) acetonitrile	2.201	41	245592	1295.1615	ug/L	98
21) carbon disulfide	1.725	76	166690	52.1079	ug/L	99
22) methylene chloride	1.959	84	62171	47.3384	ug/L #	63
23) methyl acetate	2.027	74	18009	52.7139	ug/L #	1
24) methyl tert butyl ether	2.082	73	205409	49.3931	ug/L	86
25) trans-1,2-dichloroethene	2.037	61	107582	61.9843	ug/L	83
26) hexane	2.069	57	217182	74.4162	ug/L	96
27) di-isopropyl ether	2.252	45	348372	82.9952	ug/L	85
28) ethyl tert-butyl ether	2.432	59	298545	66.2649	ug/L	89
29) 2-butanone	2.895	72	84574	225.1914	ug/L #	29
30) 1,1-dichloroethane	2.329	63	149808	61.8134	ug/L	97
31) chloroprene	2.316	53	151227	71.6656	ug/L	81
32) acrylonitrile	2.352	52	54465	90.9674	ug/L	95
33) vinyl acetate	2.435	86	20878	72.1449	ug/L #	11
34) ethyl acetate	2.786	70	13317	60.0845	ug/L #	49
35) 2,2-dichloropropane	2.660	77	101936	50.0844	ug/L	98
36) cis-1,2-dichloroethene	2.599	96	76786	50.7254	ug/L #	77
37) propionitrile	3.069	54	314323	979.8441	ug/L	93
38) methyl acrylate	2.799	85	19417	56.0269	ug/L #	33
39) bromochloromethane	2.705	128	36072	46.4775	ug/L #	56
40) tetrahydrofuran	2.828	71	18271	63.1081	ug/L #	54
41) chloroform	2.734	47	41357	55.6229	ug/L	93
43) methacrylonitrile	3.078	67	49222	57.9607	ug/L #	75
44) 1,1,1-trichloroethane	2.860	97	112669	47.6607	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179180.D
Acq On : 21 Dec 2023 09:57 am
Operator : NICKW
Sample : bs Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 17:21:18 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.718	84	118843	58.2014	ug/L	#	56
46) 1,1-dichloropropene	2.924	75	100478	53.8211	ug/L		96
47) carbon tetrachloride	2.828	117	99503	44.9709	ug/L		98
48) isobutyl alcohol	3.152	43	101590	1160.1773	ug/L		95
49) tert-amyl alcohol	3.213	55	59978	614.1608	ug/L	#	52
52) iso-octane	2.982	57	328622	80.5450	ug/L		93
53) benzene	3.066	78	283789	57.1284	ug/L		82
54) tert-amyl methyl ether	3.120	73	216142	52.6308	ug/L		85
55) heptane	3.030	57	67332	88.2141	ug/L		78
56) isopropyl acetate	3.303	87	24117	53.8200	ug/L	#	1
57) 1,2-dichloroethane	3.178	62	117431	57.8957	ug/L		99
58) n-butyl alcohol	3.583	56	349660	7012.8767	ug/L		99
59) ethyl acrylate	3.734	55	189301	80.5143	ug/L		94
60) trichloroethene	3.410	130	75598	49.5832	ug/L		99
61) 2-nitropropane	4.506	41	124861	166.0039	ug/L		82
62) 2-chloroethyl vinyl ether	4.165	63	299678	356.0646	ug/L		93
63) methyl methacrylate	3.873	100	28278	54.4006	ug/L	#	59
64) 1,2-dichloropropane	3.741	63	89052	68.1559	ug/L		84
65) methylcyclohexane	3.413	98	58949	54.5246	ug/L	#	70
66) dibromomethane	3.676	93	48021	49.6724	ug/L		96
67) bromodichloromethane	3.779	83	99828	52.0819	ug/L		100
68) epichlorohydrin	4.393	57	110316	473.7398	ug/L		98
69) cis-1,3-dichloropropene	4.217	75	122514	54.4661	ug/L		92
70) 4-methyl-2-pentanone	4.673	58	256669	330.3373	ug/L		83
71) 3-methyl-1-butanol	4.509	70	95495	1669.1513	ug/L	#	56
74) toluene	4.393	92	180315	54.9850	ug/L		94
75) ethyl methacrylate	4.831	69	104745	54.0274	ug/L	#	82
76) trans-1,3-dichloropropene	4.705	75	114937	53.5292	ug/L		98
77) 1,1,2-trichloroethane	4.831	83	59131	51.9950	ug/L		96
78) tetrachloroethene	4.696	166	75704	48.7940	ug/L		96
79) 2-hexanone	5.313	58	293827	310.8120	ug/L		92
80) 1,3-dichloropropane	5.040	76	122978	55.6177	ug/L		98
81) butyl acetate	5.249	56	90912	80.2377	ug/L		95
82) dibromochloromethane	4.966	129	78538	46.3524	ug/L		97
83) 1,2-dibromoethane	5.146	107	76575	51.8679	ug/L		96
84) n-butyl ether	5.474	57	414017	76.6429	ug/L		93
85) chlorobenzene	5.529	112	196232	51.2191	ug/L		95
86) 1,1,1,2-tetrachloroethane	5.574	131	70320	47.3652	ug/L		96
87) ethylbenzene	5.551	91	337931	53.5214	ug/L		97
88) m,p-xylene	5.657	106	261685	105.6444	ug/L		96
89) o-xylene	5.950	106	127771	52.1076	ug/L		96
90) styrene	5.982	104	213939	52.1432	ug/L		98
91) bromoform	5.995	173	55546	44.8647	ug/L		98
92) butyl acrylate	6.075	55	222051	73.0048	ug/L		92
93) isopropylbenzene	6.162	105	303226	50.9926	ug/L		99
94) cis-1,4-dichloro-2-butene	6.384	88	25968	31.1026	ug/L	#	79
97) bromobenzene	6.406	156	80847	52.4548	ug/L		92
98) 1,1,2,2-tetrachloroethane	6.474	83	111727	60.3255	ug/L		97
99) trans-1,4-dichloro-2-b...	6.583	53	33846	53.0247	ug/L	#	71
100) 1,2,3-trichloropropane	6.554	110	36897	54.0206	ug/L		97
101) n-propylbenzene	6.432	91	384667	56.2941	ug/L		100
102) 2-chlorotoluene	6.525	126	75579	52.2605	ug/L		93
103) 4-chlorotoluene	6.631	91	243132	55.3638	ug/L		95
104) 1,3,5-trimethylbenzene	6.557	105	275631	55.6450	ug/L		98
105) tert-butylbenzene	6.757	119	227109	53.2346	ug/L		96
106) 1,2,4-trimethylbenzene	6.802	105	282647	55.3897	ug/L		96
107) sec-butylbenzene	6.869	105	328958	54.8563	ug/L		99
108) 1,3-dichlorobenzene	6.998	146	155982	52.8144	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179180.D
Acq On : 21 Dec 2023 09:57 am
Operator : NICKW
Sample : bs Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 17:21:18 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

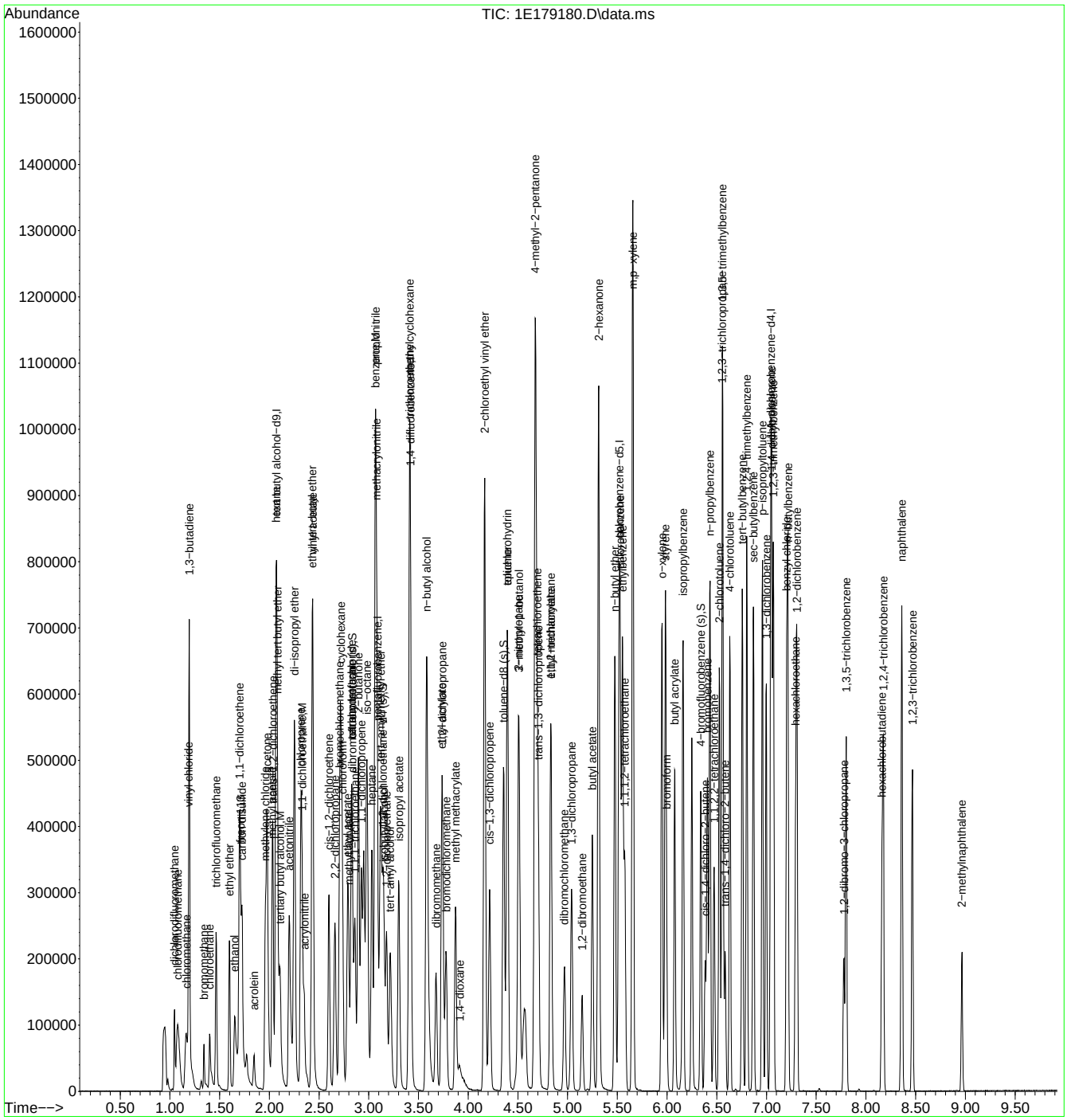
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	285879	55.8972	ug/L	99
110) 1,4-dichlorobenzene	7.053	146	156043	49.6026	ug/L	99
111) 1,2-dichlorobenzene	7.307	146	146199	49.7123	ug/L	99
112) 1,2,3-trimethylbenzene	7.069	105	284753	54.0913	ug/L	98
113) n-butylbenzene	7.217	134	66387	54.1685	ug/L	95
114) 1,2-dibromo-3-chloropr...	7.779	157	33450	52.0663	ug/L	93
115) 1,3,5-trichlorobenzene	7.802	180	100761	50.0812	ug/L	98
116) 1,2,4-trichlorobenzene	8.175	180	91936	48.4671	ug/L	99
117) hexachlorobutadiene	8.162	225	34698	50.9849	ug/L	97
118) naphthalene	8.361	128	318878	51.0934	ug/L	100
119) 1,2,3-trichlorobenzene	8.467	180	87110	48.4113	ug/L	98
120) hexachloroethane	7.294	119	46708	50.1132	ug/L	94
121) benzyl chloride	7.204	126	43843	56.0994	ug/L	96
122) 2-methylnaphthalene	8.966	142	58890	21.6535	ug/L	98

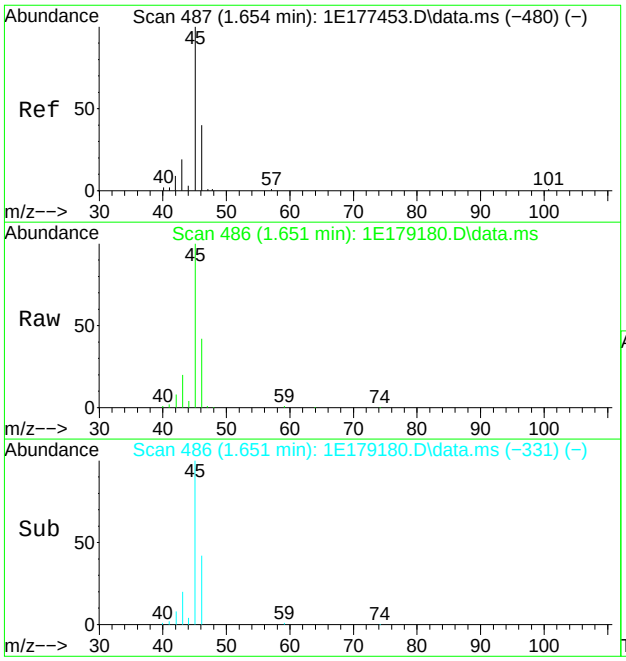
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179180.D
Acq On : 21 Dec 2023 09:57 am
Operator : NICKW
Sample : bs Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 17:21:18 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

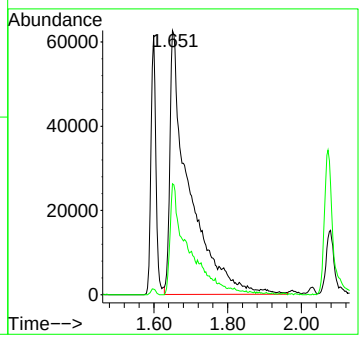


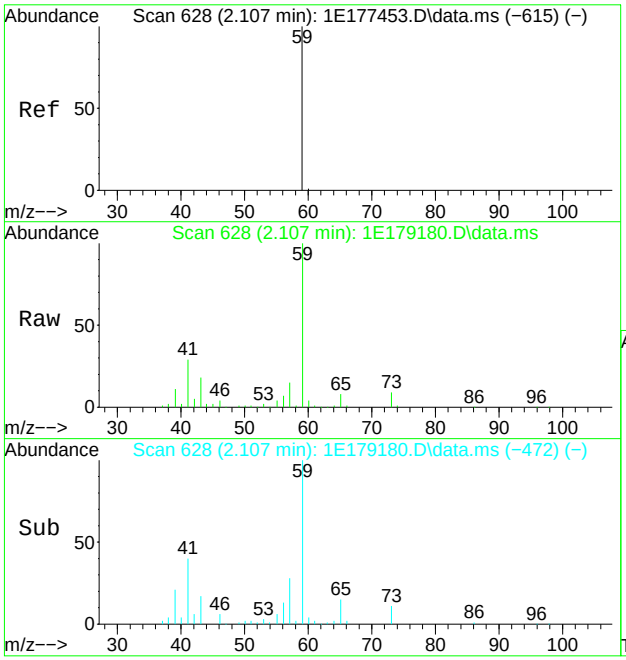


#2
ethanol
Concen: 14524.1542 ug/L
RT: 1.651 min Scan# 486
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 45 Resp: 225501

Ion	Ratio	Lower	Upper
45	100		
46	42.4	18.1	58.1

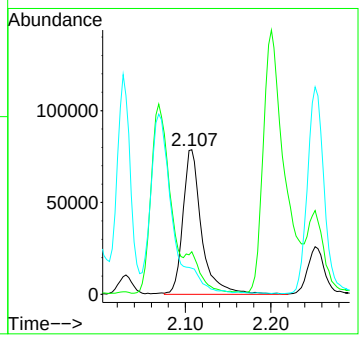


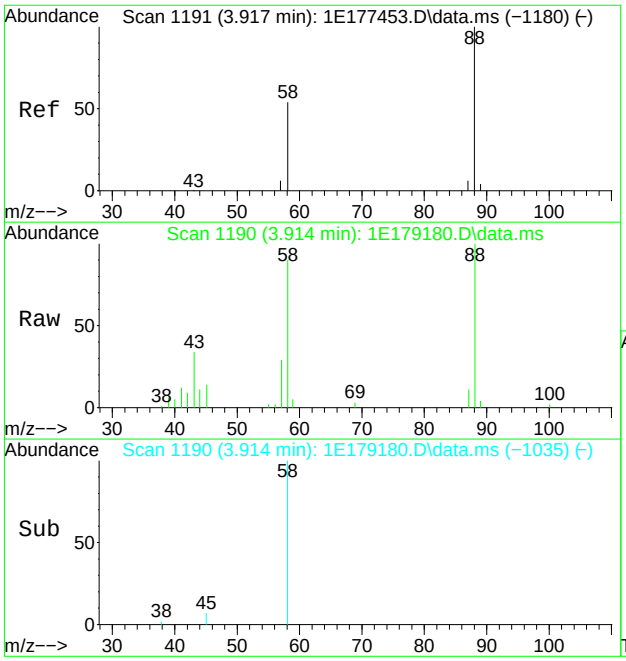


#3
tertiary butyl alcohol
Concen: 287.0200 ug/L
RT: 2.107 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 59 Resp: 120972

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	17.3	0.0	52.8

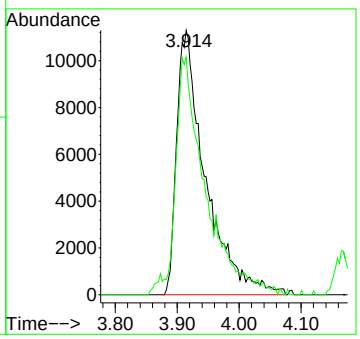


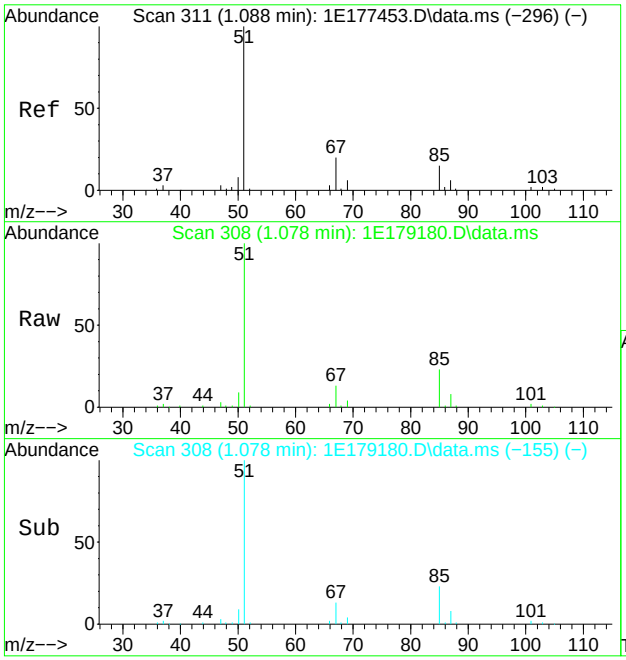


#4
1,4-dioxane
Concen: 1966.3857 ug/L
RT: 3.914 min Scan# 1190
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 88 Resp: 36495

Ion	Ratio	Lower	Upper
88	100		
58	89.9	38.3	78.3#

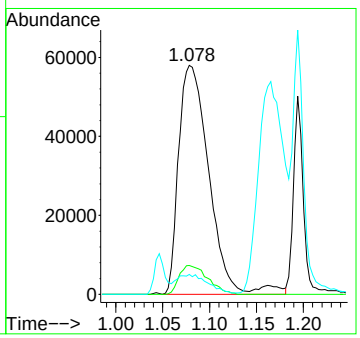


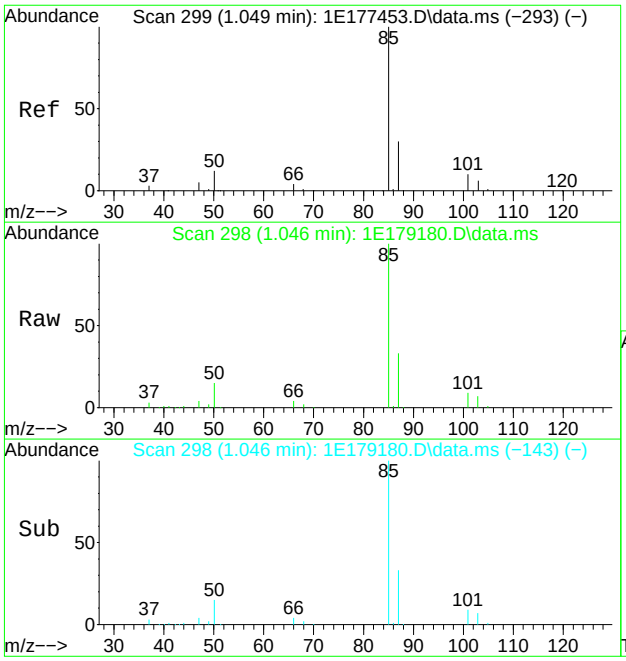


#6
chlorodifluoromethane
Concen: 83.0054 ug/L
RT: 1.078 min Scan# 308
Delta R.T. -0.010 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 51 Resp: 131322

Ion	Ratio	Lower	Upper
51	100		
67	12.6	0.0	49.5
50	0.0	0.0	38.4

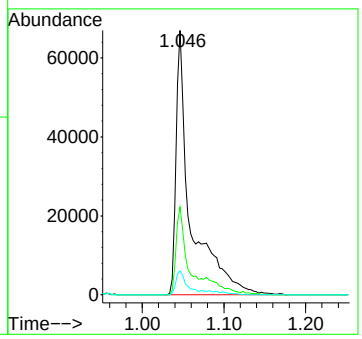


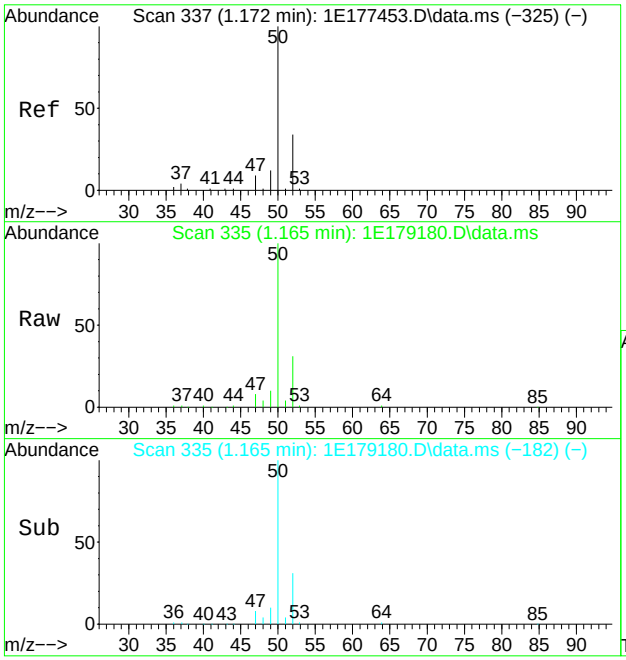


#7
dichlorodifluoromethane
Concen: 42.9679 ug/L
RT: 1.046 min Scan# 298
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 85 Resp: 83952

Ion	Ratio	Lower	Upper
85	100		
87	33.1	0.4	60.4
101	9.1	0.0	39.9

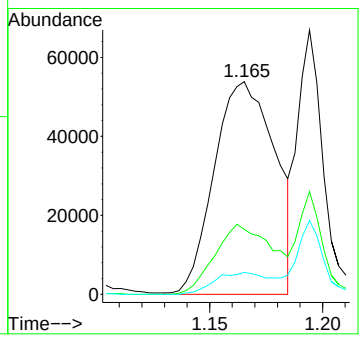


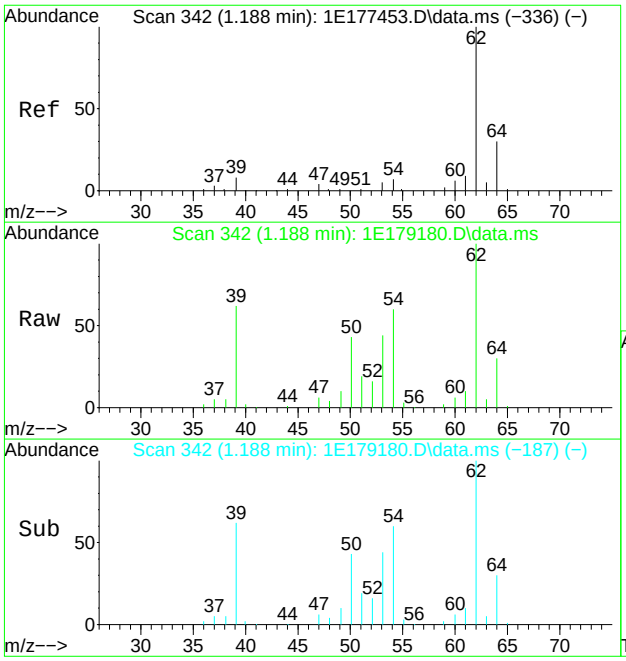


#8
chloromethane
Concen: 88.1654 ug/L
RT: 1.165 min Scan# 335
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 50 Resp: 100705

Ion	Ratio	Lower	Upper
50	100		
52	30.8	4.4	64.4
49	10.3	0.0	42.1

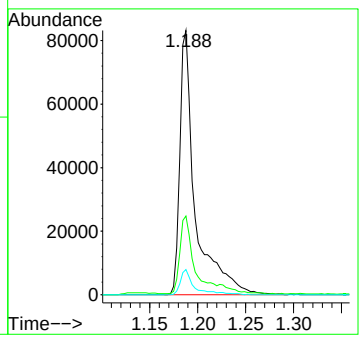


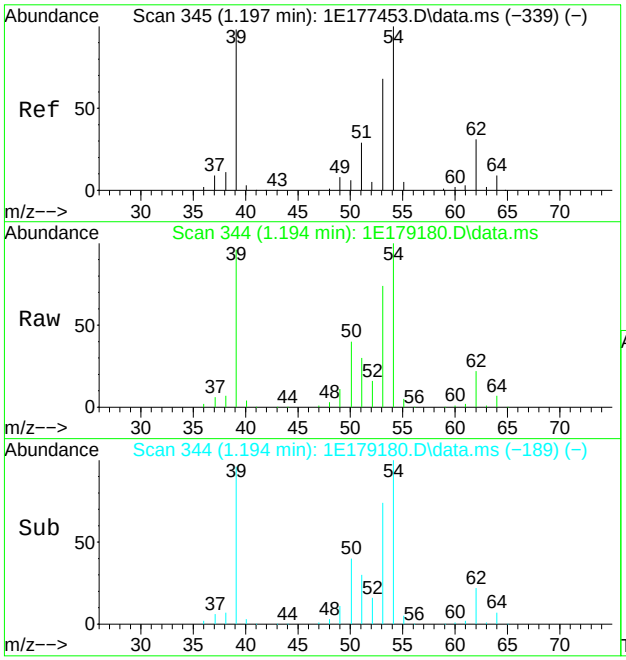


#9
vinyl chloride
Concen: 67.3526 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 62 Resp: 93433

Ion	Ratio	Lower	Upper
62	100		
64	29.4	0.7	60.7
61	9.5	0.0	39.5

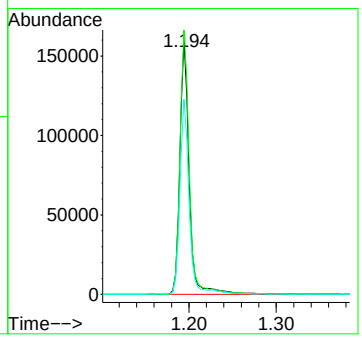


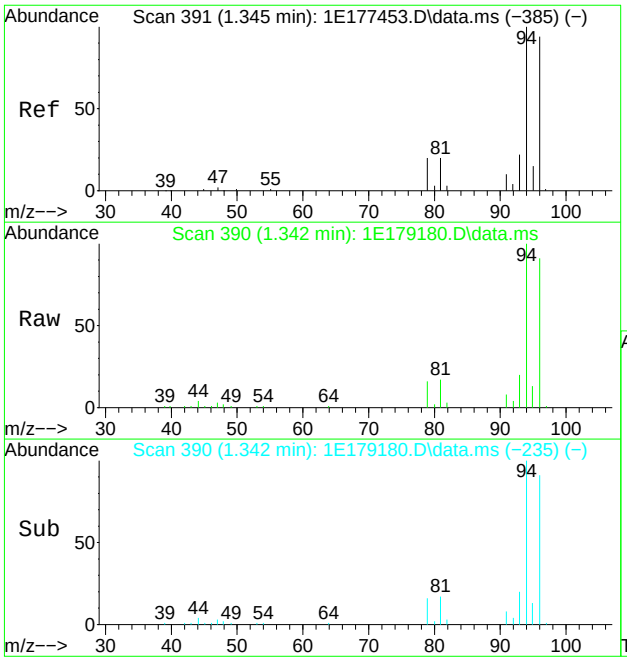


#10
1,3-butadiene
Concen: 100.6775 ug/L
RT: 1.194 min Scan# 344
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 39 Resp: 119989

Ion	Ratio	Lower	Upper
39	100		
54	104.0	72.3	132.3
53	76.8	39.8	99.8

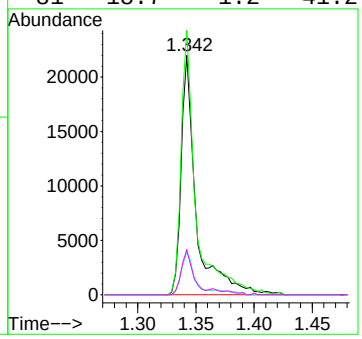


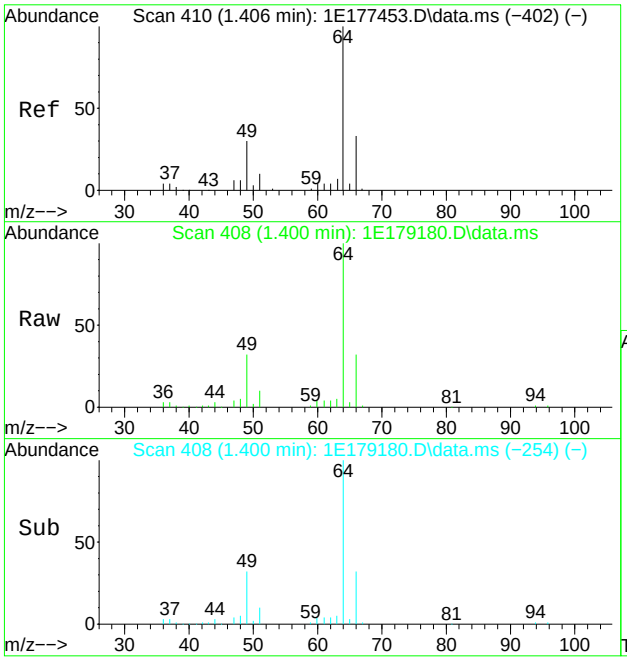


#11
bromomethane
Concen: 46.6763 ug/L
RT: 1.342 min Scan# 390
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 96 Resp: 19868

Ion	Ratio	Lower	Upper
96	100		
94	110.5	76.0	136.0
79	17.7	20.8	20.8#
81	18.7	1.2	41.2

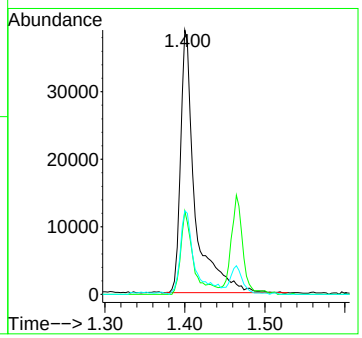


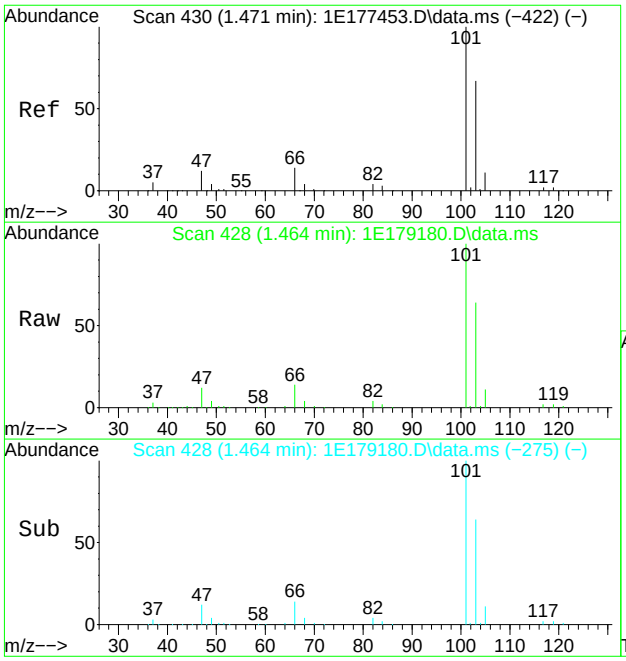


#12
chloroethane
Concen: 55.6642 ug/L
RT: 1.400 min Scan# 408
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 64 Resp: 48705

Ion	Ratio	Lower	Upper
64	100		
66	31.7	3.1	63.1
49	31.8	0.1	60.1

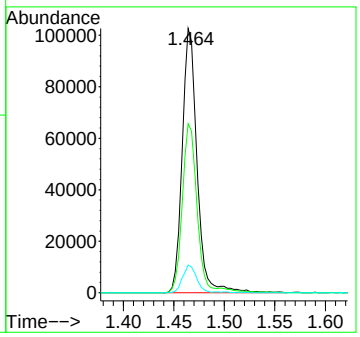


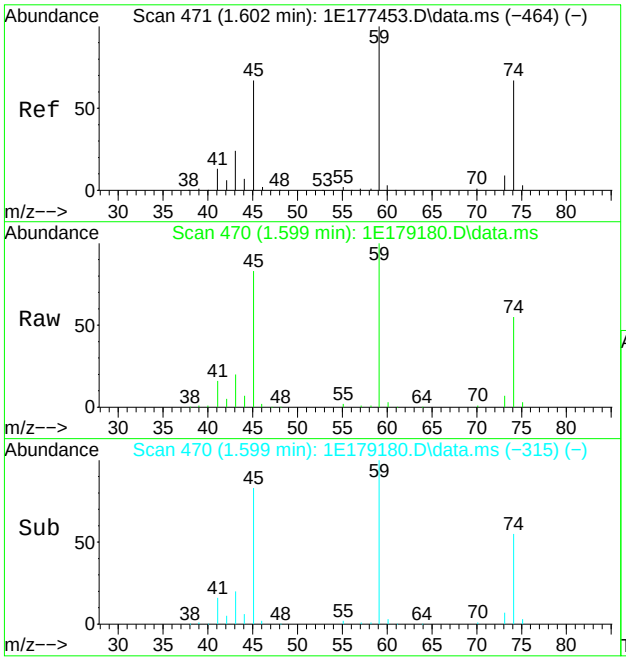


#13
trichlorofluoromethane
Concen: 46.5796 ug/L
RT: 1.464 min Scan# 428
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:101 Resp: 104976

Ion	Ratio	Lower	Upper
101	100		
103	64.0	37.1	97.1
105	10.5	0.0	40.8

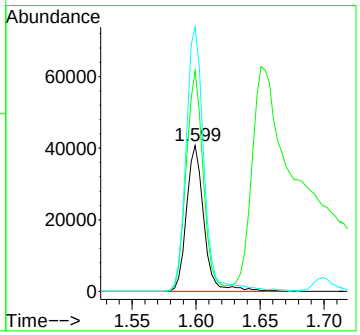


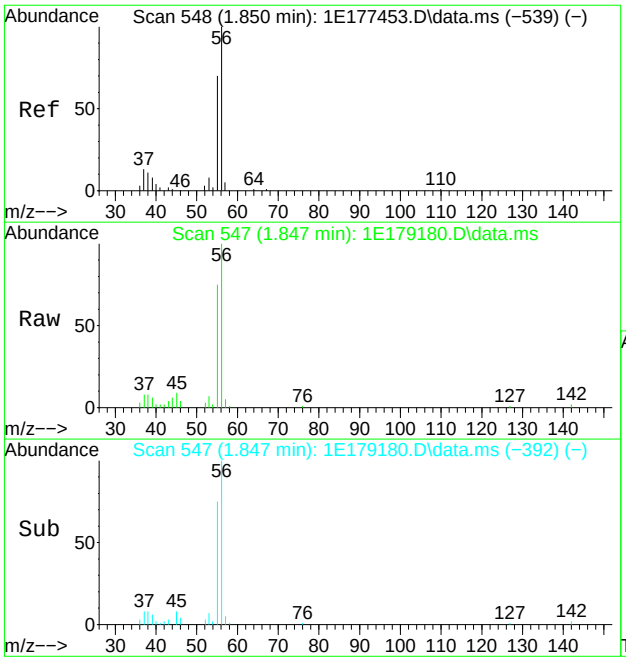


#14
ethyl ether
Concen: 52.1315 ug/L
RT: 1.599 min Scan# 470
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 74 Resp: 38570

Ion	Ratio	Lower	Upper
74	100		
45	151.3	69.1	129.1#
59	181.3	118.9	178.9#

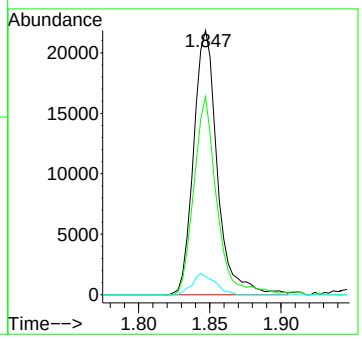


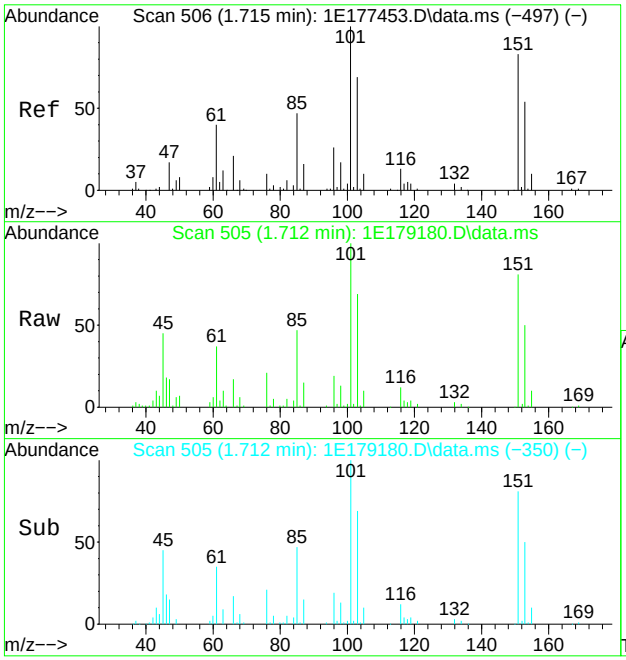


#15
acrolein
Concen: 82.9231 ug/L
RT: 1.847 min Scan# 547
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 56 Resp: 25364

Ion	Ratio	Lower	Upper
56	100		
55	75.0	40.4	100.4
53	6.9	0.0	38.2

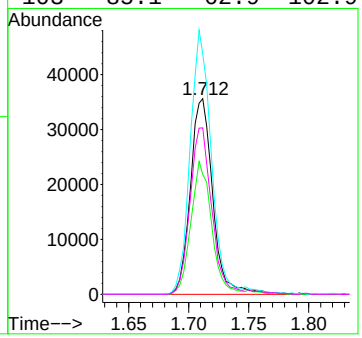


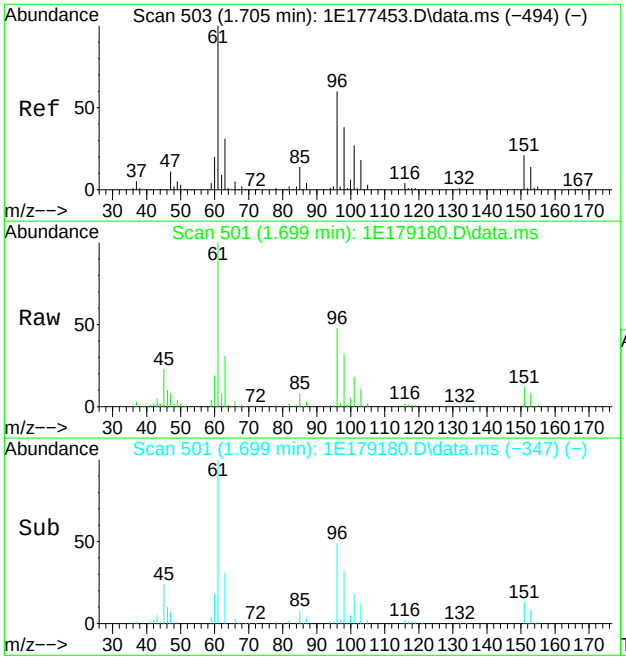


#16
freon 113
Concen: 46.6869 ug/L
RT: 1.712 min Scan# 505
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:151 Resp: 46405

Ion	Ratio	Lower	Upper
151	100		
153	61.3	44.6	84.6
101	122.9	100.2	140.2
103	85.1	62.9	102.9

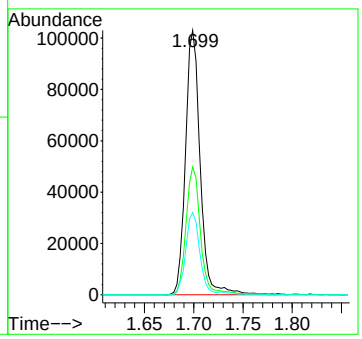


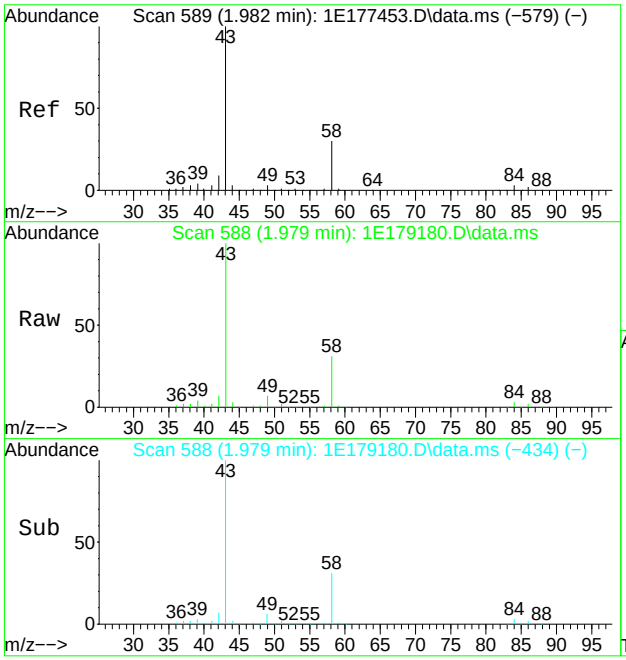


#17
1,1-dichloroethene
Concen: 60.9176 ug/L
RT: 1.699 min Scan# 501
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 61 Resp: 107493

Ion	Ratio	Lower	Upper
61	100		
96	48.3	29.6	89.6
63	31.1	1.2	61.2

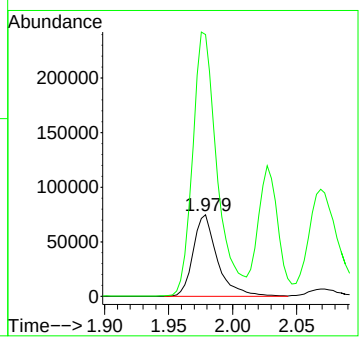


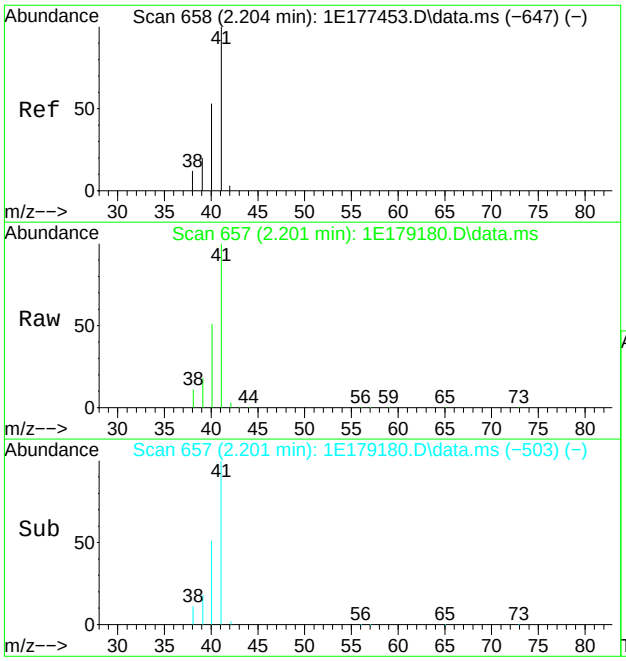


#18
acetone
Concen: 288.4655 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 58 Resp: 98783

Ion	Ratio	Lower	Upper
58	100		
43	320.4	304.0	364.0

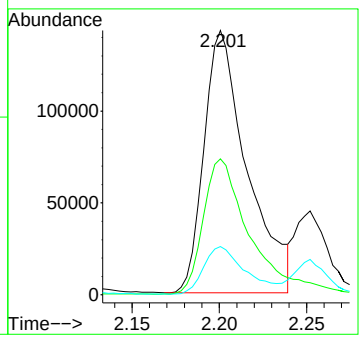


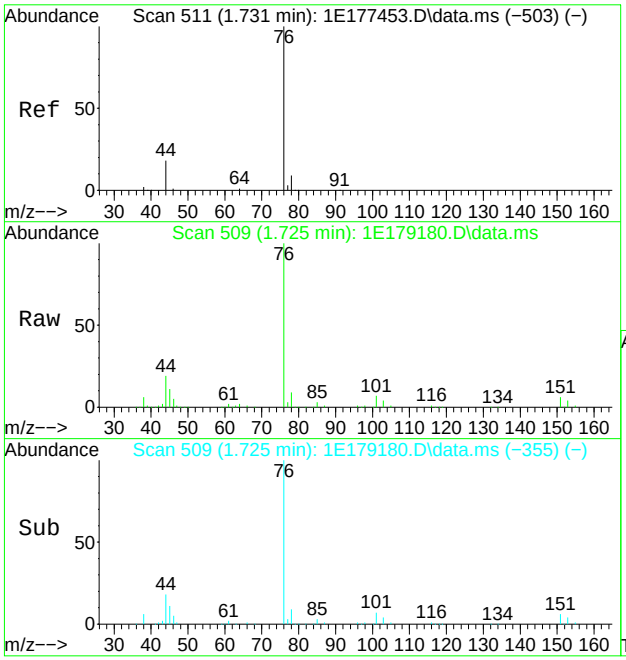


#19
acetonitrile
Concen: 1295.1615 ug/L
RT: 2.201 min Scan# 657
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 41 Resp: 245592

Ion	Ratio	Lower	Upper
41	100		
40	51.4	22.9	82.9
39	18.1	0.0	49.7

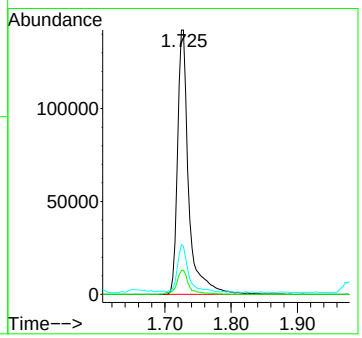


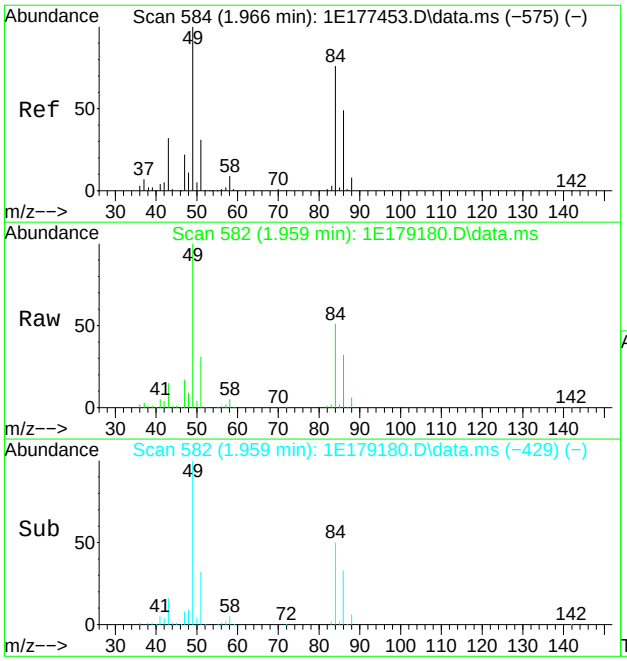


#21
carbon disulfide
Concen: 52.1079 ug/L
RT: 1.725 min Scan# 509
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 76 Resp: 166690

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	17.9	0.0	48.3

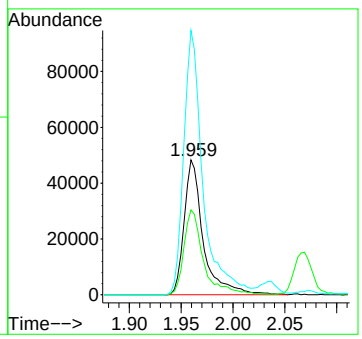


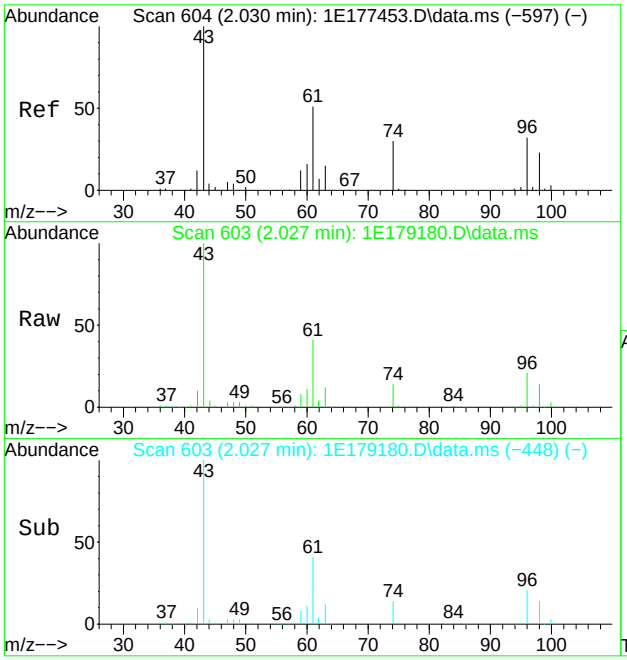


#22
methylene chloride
Concen: 47.3384 ug/L
RT: 1.959 min Scan# 582
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 84 Resp: 62171

Ion	Ratio	Lower	Upper
84	100		
86	63.1	34.9	94.9
49	196.2	102.4	162.4#

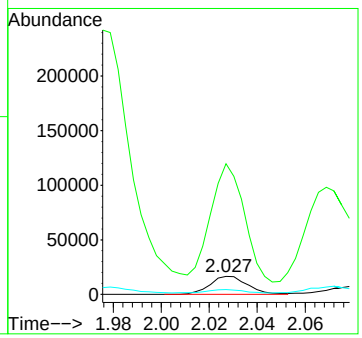


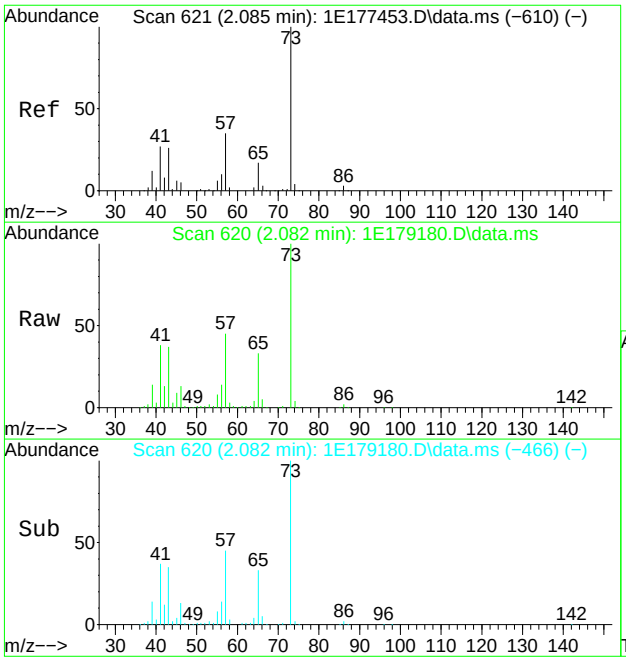


#23
methyl acetate
Concen: 52.7139 ug/L
RT: 2.027 min Scan# 603
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 74 Resp: 18009

Ion	Ratio	Lower	Upper
74	100		
43	606.7	307.5	367.5#
44	16.5	0.0	43.7

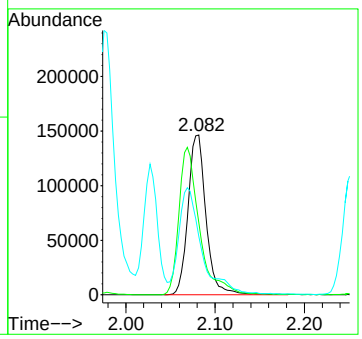


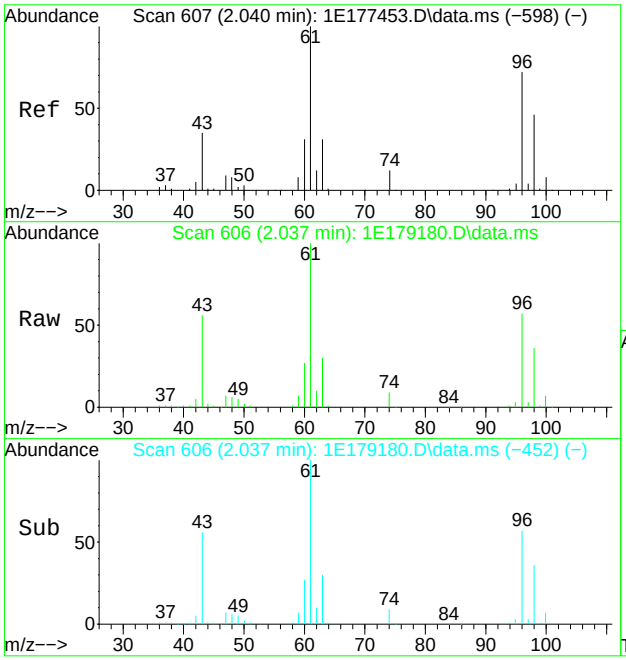


#24
methyl tert butyl ether
Concen: 49.3931 ug/L
RT: 2.082 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 73 Resp: 205409

Ion	Ratio	Lower	Upper
73	100		
57	44.7	5.0	65.0
43	36.1	0.4	60.4

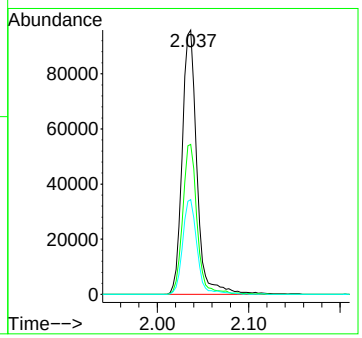


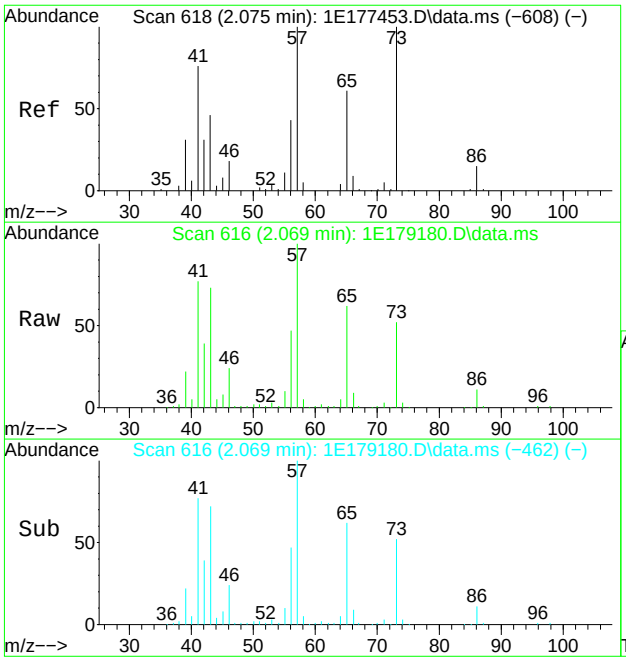


#25
trans-1,2-dichloroethene
Concen: 61.9843 ug/L
RT: 2.037 min Scan# 606
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 61 Resp: 107582

Ion	Ratio	Lower	Upper
61	100		
96	56.8	41.6	101.6
98	35.9	15.7	75.7

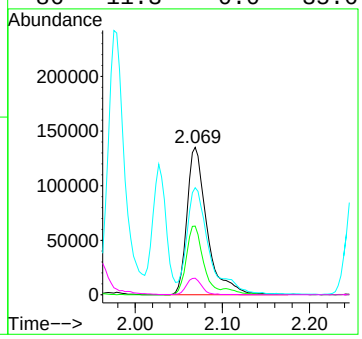


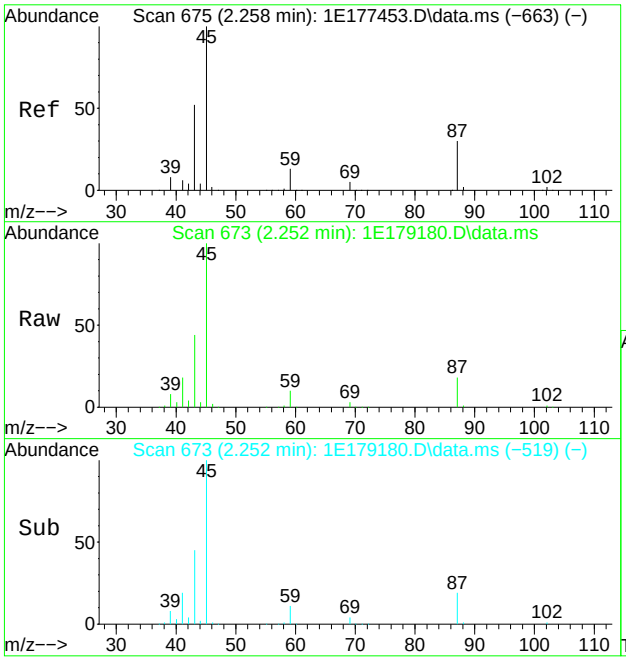


#26
hexane
Concen: 74.4162 ug/L
RT: 2.069 min Scan# 616
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 57 Resp: 217182

Ion	Ratio	Lower	Upper
57	100		
56	46.6	23.0	63.0
43	71.9	50.7	90.7
86	11.3	0.0	35.6

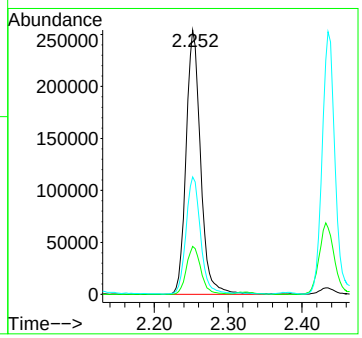


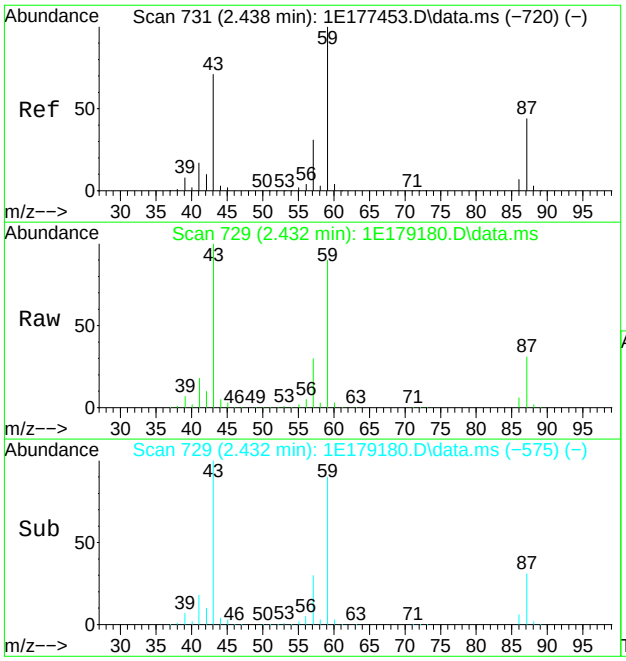


#27
di-isopropyl ether
Concen: 82.9952 ug/L
RT: 2.252 min Scan# 673
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 45 Resp: 348372

Ion	Ratio	Lower	Upper
45	100		
87	18.2	0.0	59.9
43	44.2	22.2	82.2

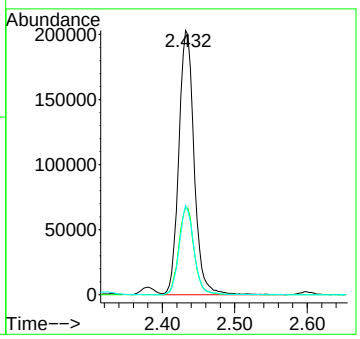


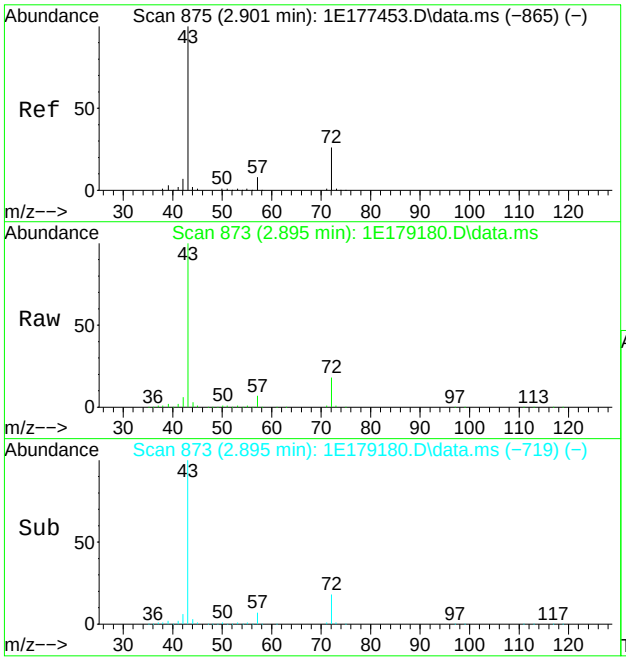


#28
ethyl tert-butyl ether
Concen: 66.2649 ug/L
RT: 2.432 min Scan# 729
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 59 Resp: 298545

Ion	Ratio	Lower	Upper
59	100		
57	33.1	1.2	61.2
87	33.8	14.3	74.3

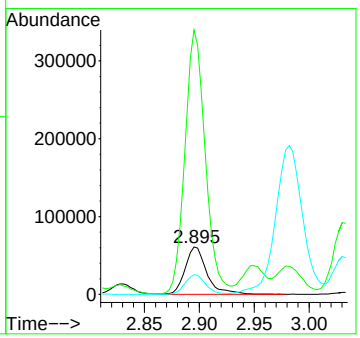


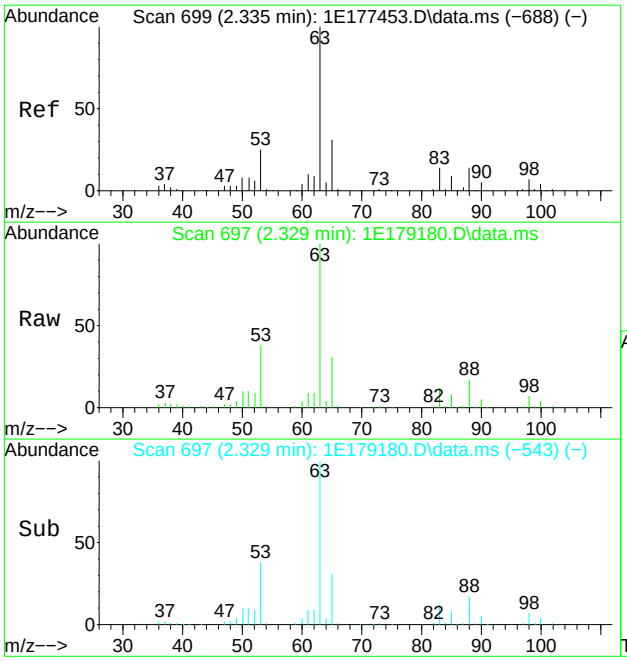


#29
2-butanone
Concen: 225.1914 ug/L
RT: 2.895 min Scan# 873
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 72 Resp: 84574

Ion	Ratio	Lower	Upper
72	100		
43	555.0	351.4	411.4#
57	41.1	1.3	61.3

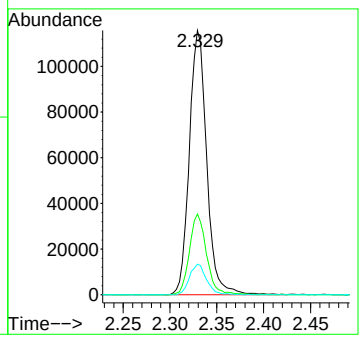


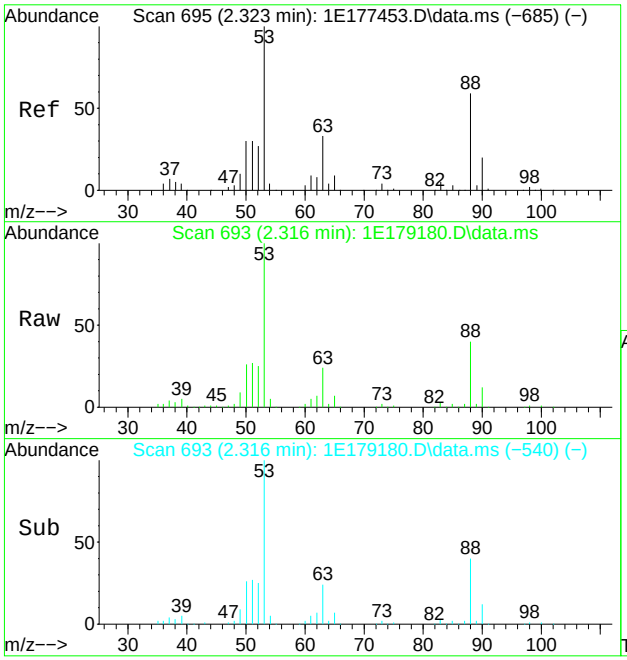


#30
1,1-dichloroethane
Concen: 61.8134 ug/L
RT: 2.329 min Scan# 697
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 63 Resp: 149808

Ion	Ratio	Lower	Upper
63	100		
65	30.6	1.1	61.1
83	11.6	0.0	44.4

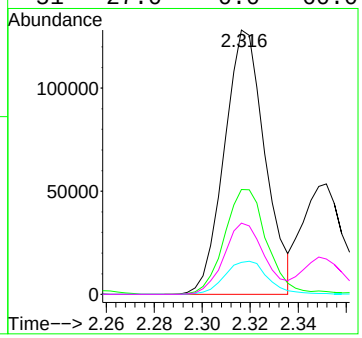


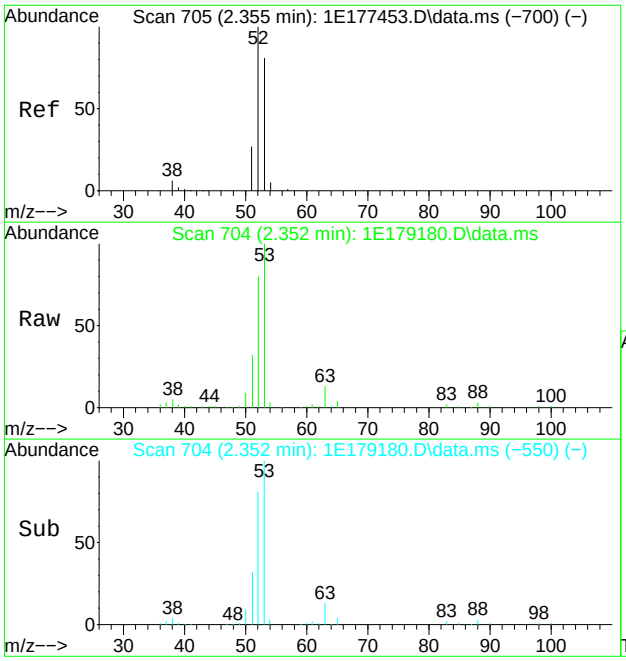


#31
chloroprene
Concen: 71.6656 ug/L
RT: 2.316 min Scan# 693
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 53 Resp: 151227

Ion	Ratio	Lower	Upper
53	100		
88	39.6	29.0	89.0
90	12.1	0.0	50.3
51	27.0	0.0	60.0

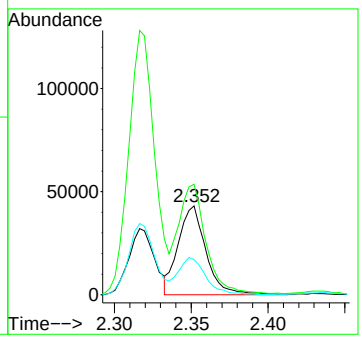


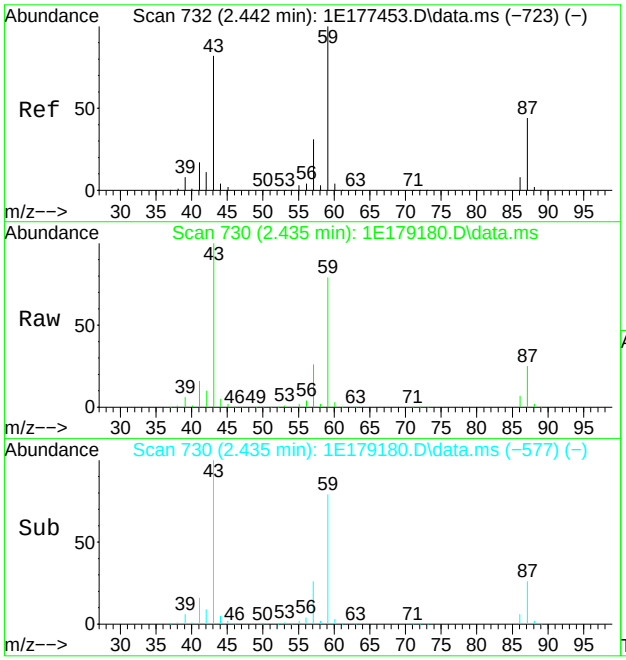


#32
acrylonitrile
Concen: 90.9674 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 52 Resp: 54465

Ion	Ratio	Lower	Upper
52	100		
53	123.6	98.3	158.3
51	39.2	13.3	73.3

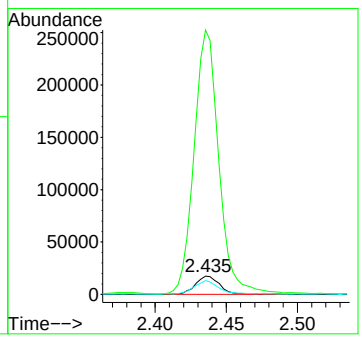


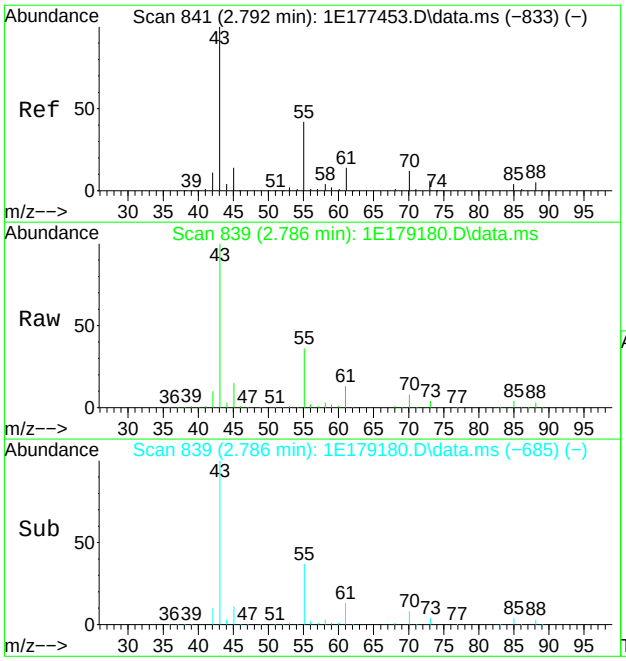


#33
vinyl acetate
Concen: 72.1449 ug/L
RT: 2.435 min Scan# 730
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 86 Resp: 20878

Ion	Ratio	Lower	Upper
86	100		
43	1438.5	996.1	1056.1#
44	72.4	16.2	76.2

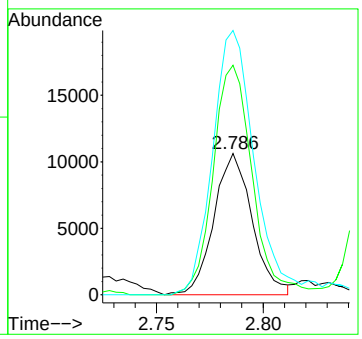


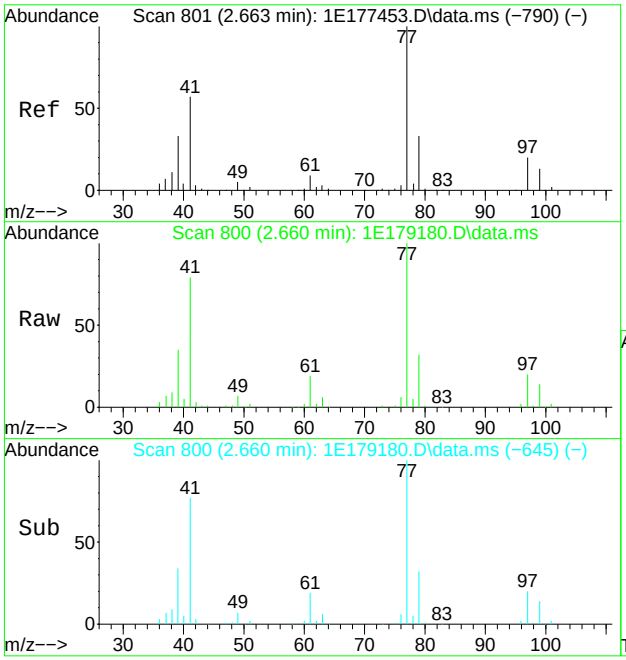


#34
ethyl acetate
Concen: 60.0845 ug/L
RT: 2.786 min Scan# 839
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 70 Resp: 13317

Ion	Ratio	Lower	Upper
70	100		
61	162.6	88.3	148.3#
45	187.3	89.7	149.7#

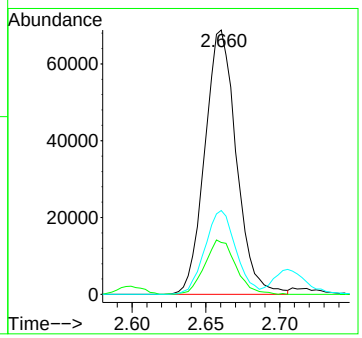


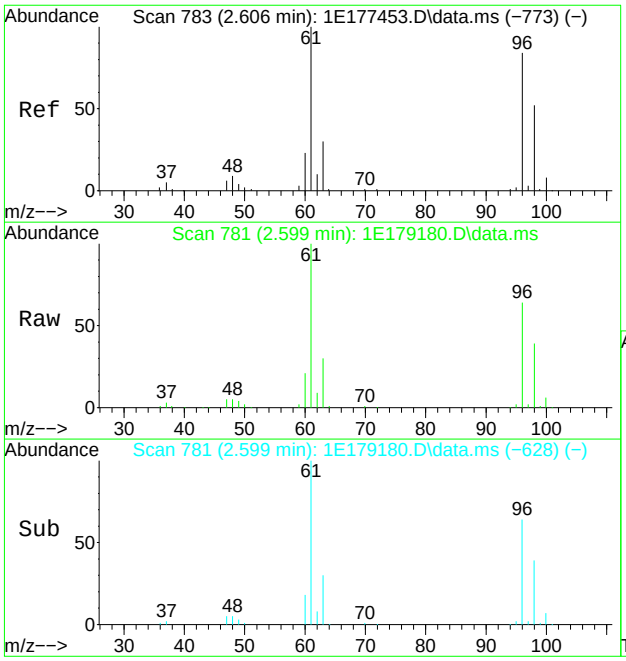


#35
2,2-dichloropropane
Concen: 50.0844 ug/L
RT: 2.660 min Scan# 800
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 77 Resp: 101936

Ion	Ratio	Lower	Upper
77	100		
97	19.6	0.0	50.3
79	31.7	2.7	62.7

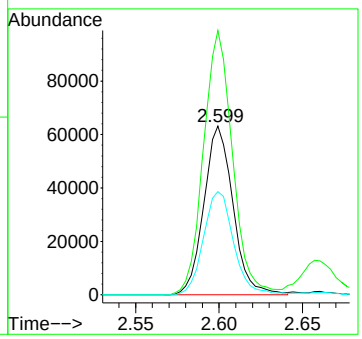


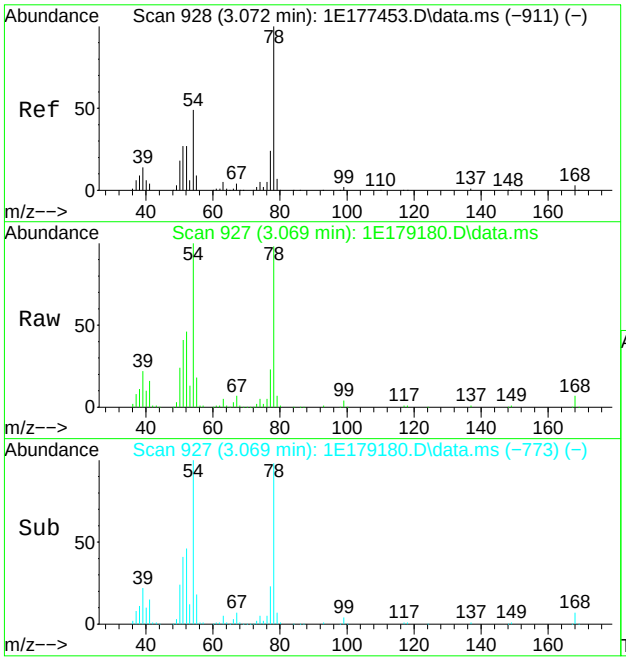


#36
cis-1,2-dichloroethene
Concen: 50.7254 ug/L
RT: 2.599 min Scan# 781
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 96 Resp: 76786

Ion	Ratio	Lower	Upper
96	100		
61	156.6	89.1	149.1#
98	61.1	31.8	91.8

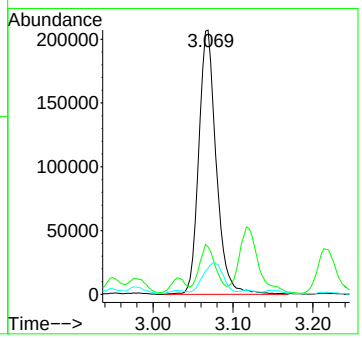


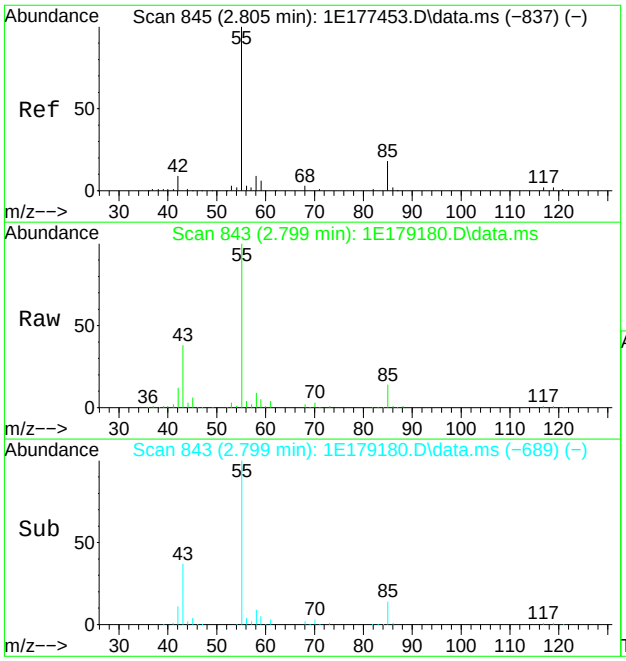


#37
propionitrile
Concen: 979.8441 ug/L
RT: 3.069 min Scan# 927
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 54 Resp: 314323

Ion	Ratio	Lower	Upper
54	100		
55	17.0	0.0	49.2
40	9.4	0.0	43.2

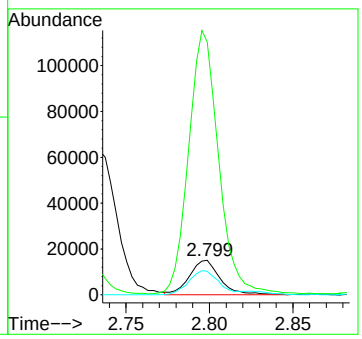


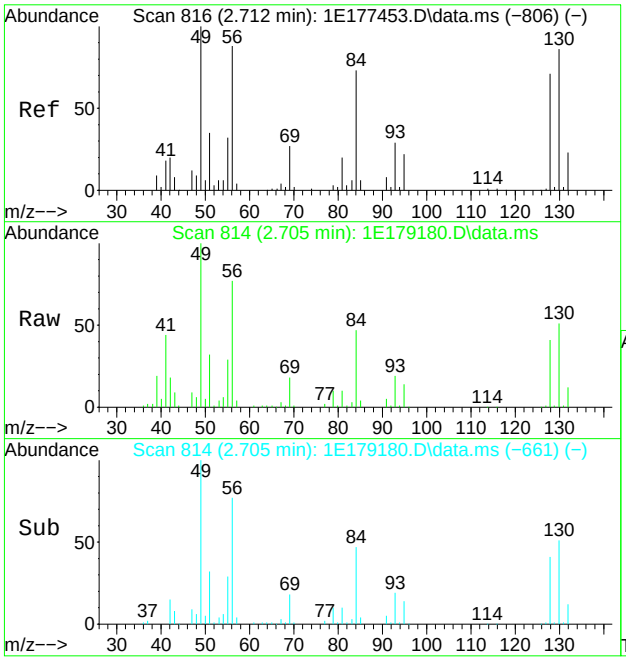


#38
methyl acrylate
Concen: 56.0269 ug/L
RT: 2.799 min Scan# 843
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 85 Resp: 19417

Ion	Ratio	Lower	Upper
85	100		
55	726.0	505.5	545.5#
58	67.2	25.5	65.5#

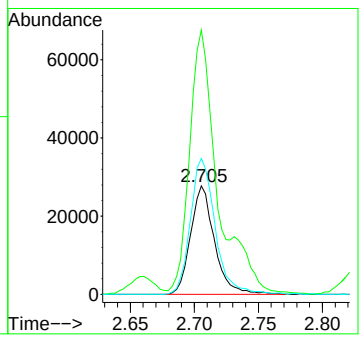


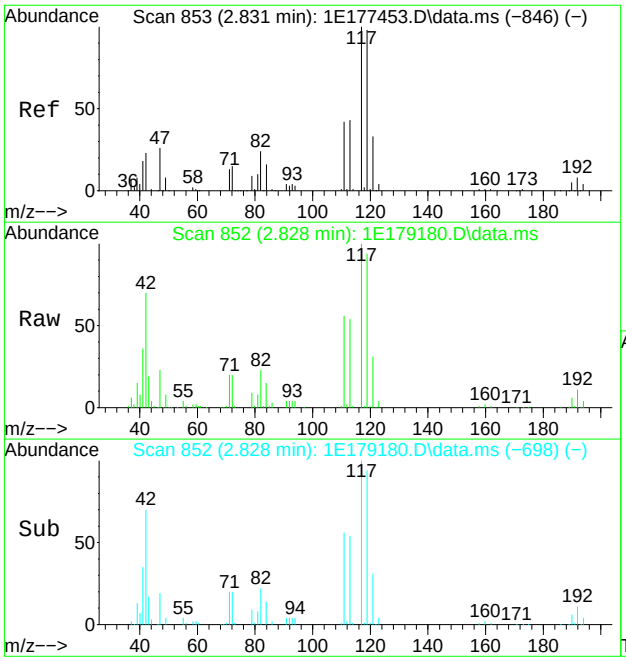


#39
bromochloromethane
Concen: 46.4775 ug/L
RT: 2.705 min Scan# 814
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:128 Resp: 36072

Ion	Ratio	Lower	Upper
128	100		
49	241.7	113.7	173.7#
130	125.2	91.4	151.4

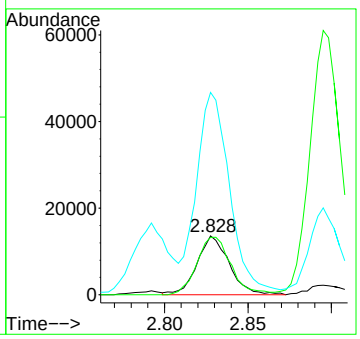


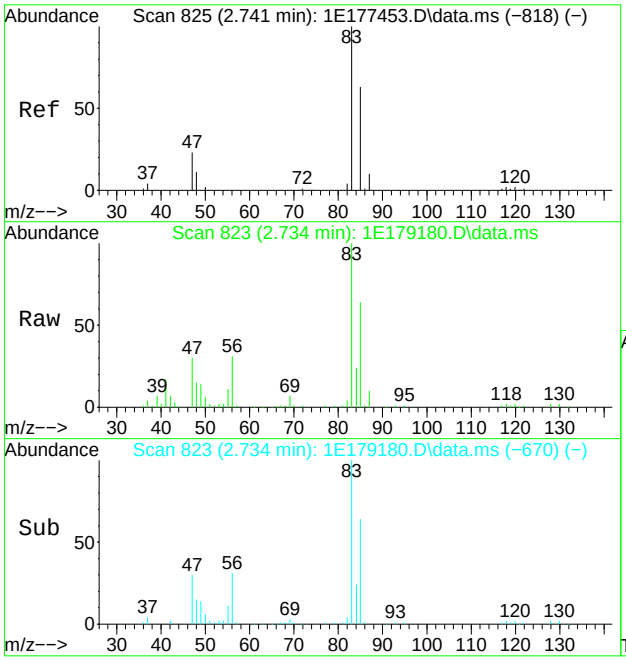


#40
tetrahydrofuran
Concen: 63.1081 ug/L
RT: 2.828 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 71 Resp: 18271

Ion	Ratio	Lower	Upper
71	100		
72	97.5	82.2	142.2
42	333.2	201.9	261.9#

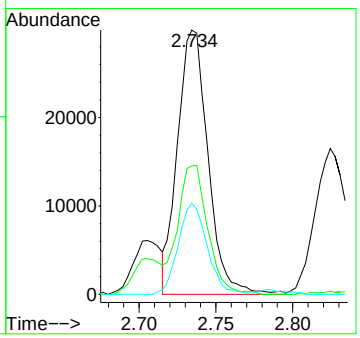


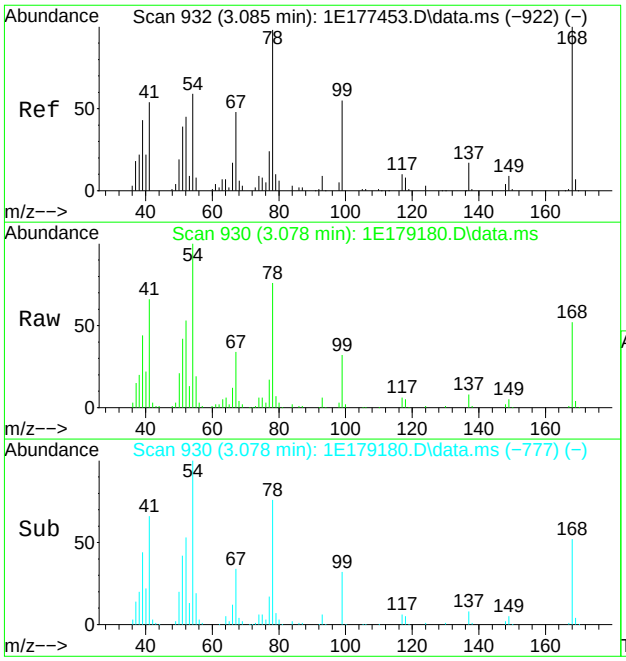


#41
chloroform
Concen: 55.6229 ug/L
RT: 2.734 min Scan# 823
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 47 Resp: 41357

Ion	Ratio	Lower	Upper
47	100		
48	48.8	23.0	83.0
87	33.7	8.1	68.1

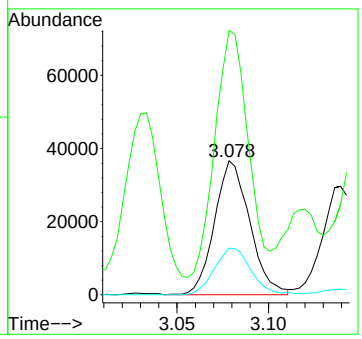


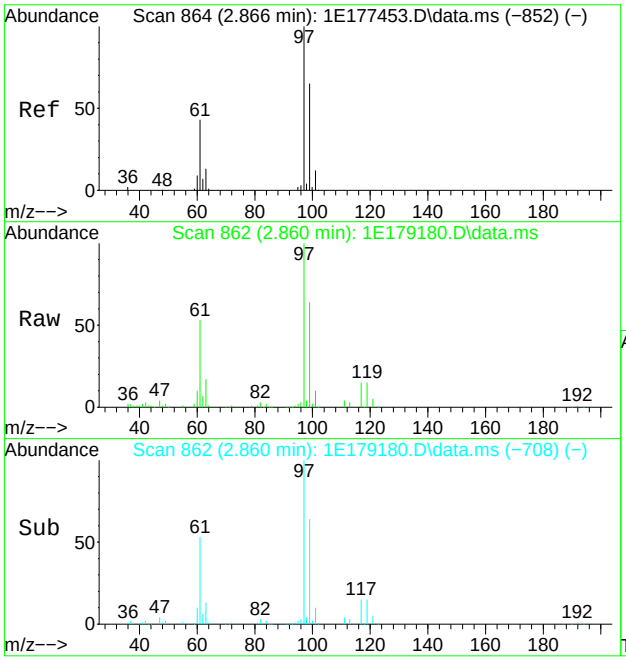


#43
methacrylonitrile
Concen: 57.9607 ug/L
RT: 3.078 min Scan# 930
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 67 Resp: 49222

Ion	Ratio	Lower	Upper
67	100		
41	149.1	83.8	143.8#
66	34.7	6.0	66.0

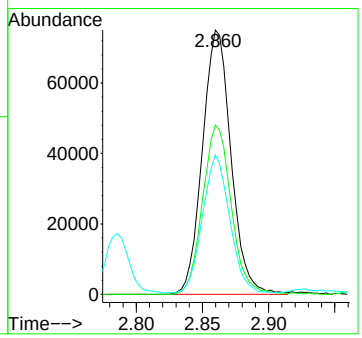


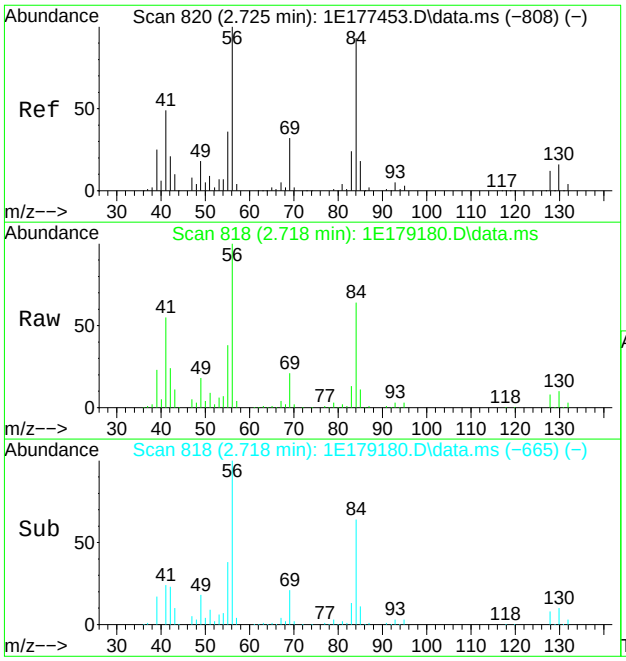


#44
1,1,1-trichloroethane
Concen: 47.6607 ug/L
RT: 2.860 min Scan# 862
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 97 Resp: 112669

Ion	Ratio	Lower	Upper
97	100		
99	64.1	34.9	94.9
61	52.2	13.2	73.2

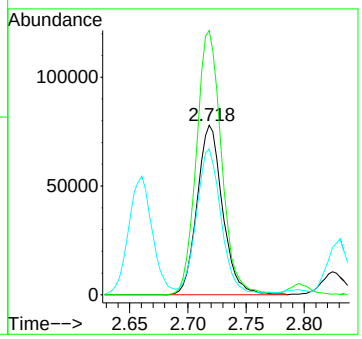


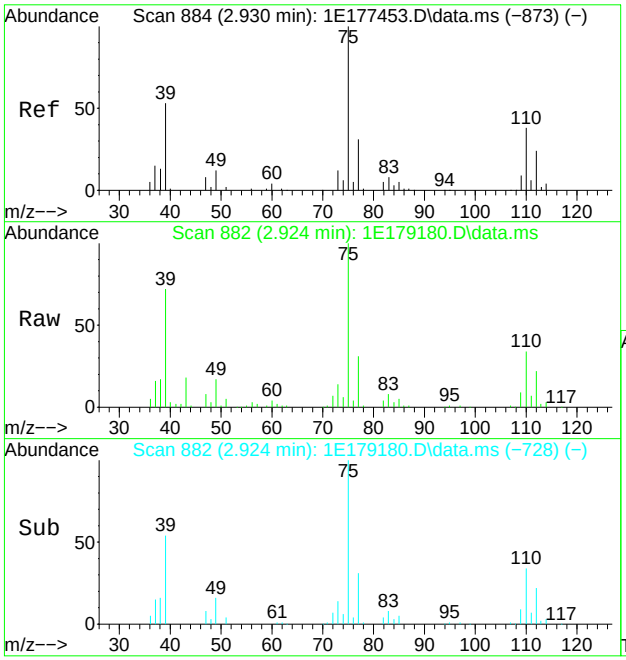


#45
cyclohexane
Concen: 58.2014 ug/L
RT: 2.718 min Scan# 818
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 84 Resp: 118843

Ion	Ratio	Lower	Upper
84	100		
56	156.0	87.1	127.1#
41	83.5	36.3	76.3#

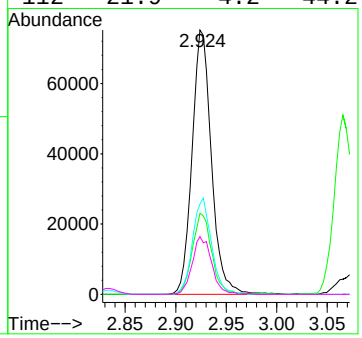


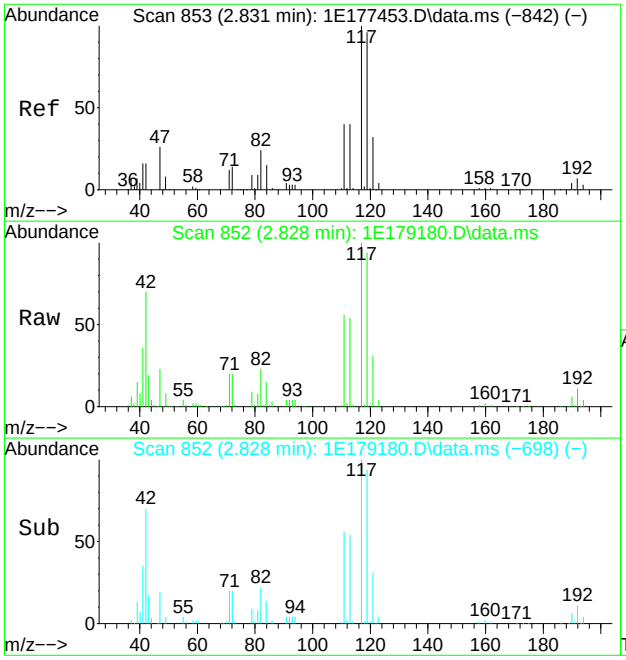


#46
1,1-dichloropropene
Concen: 53.8211 ug/L
RT: 2.924 min Scan# 882
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 75 Resp: 100478

Ion	Ratio	Lower	Upper
75	100		
77	30.7	10.6	50.6
110	34.1	17.7	57.7
112	21.9	4.2	44.2

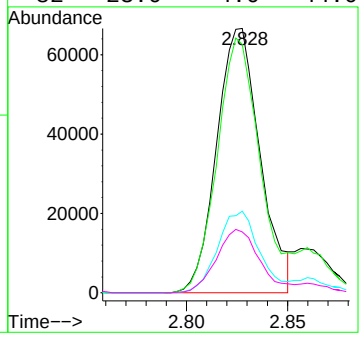


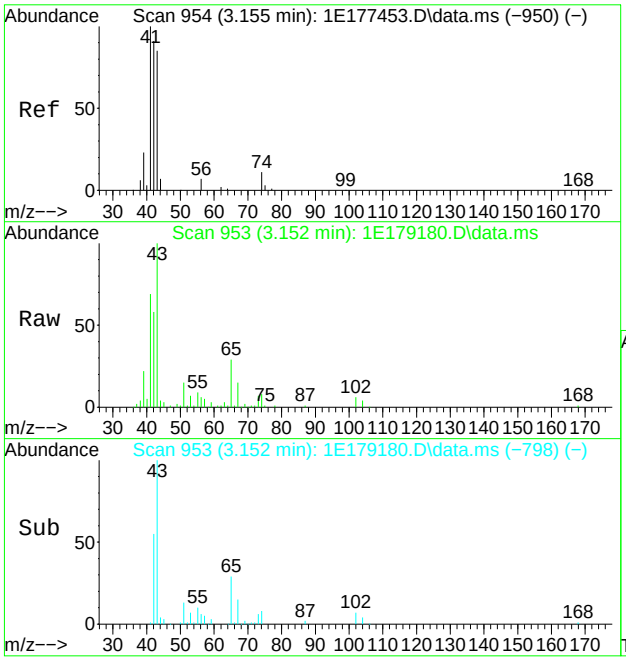


#47
carbon tetrachloride
Concen: 44.9709 ug/L
RT: 2.828 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:117 Resp: 99503

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.4	116.4
121	30.9	12.4	52.4
82	23.0	4.0	44.0

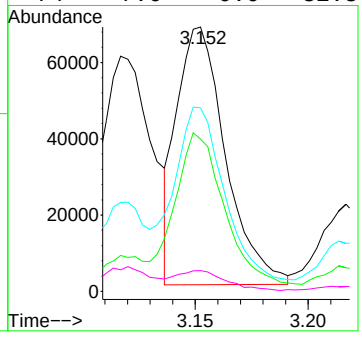


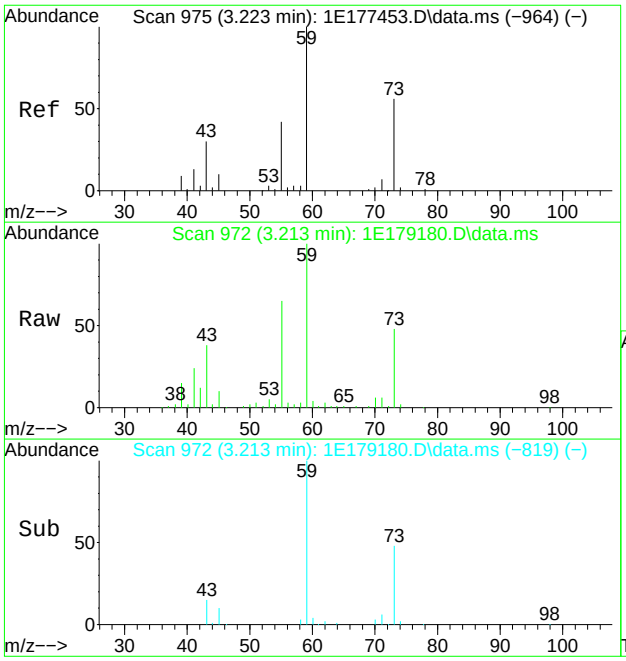


#48
isobutyl alcohol
Concen: 1160.1773 ug/L
RT: 3.152 min Scan# 953
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 43 Resp: 101590

Ion	Ratio	Lower	Upper
43	100		
42	57.8	34.0	74.0
41	68.9	52.4	92.4
74	7.6	0.0	32.3

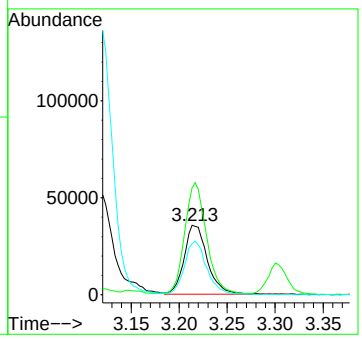


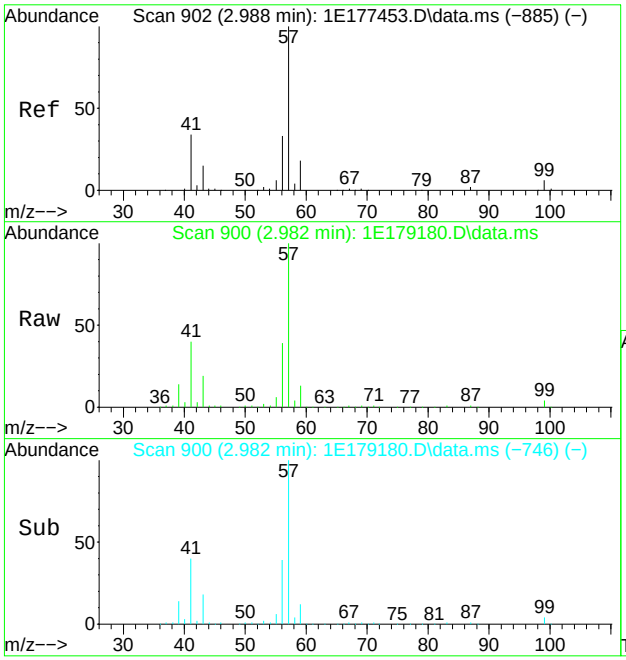


#49
tert-amyl alcohol
Concen: 614.1608 ug/L
RT: 3.213 min Scan# 972
Delta R.T. -0.010 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 55 Resp: 59978

Ion	Ratio	Lower	Upper
55	100		
59	152.7	210.1	250.1#
73	73.5	111.6	151.6#

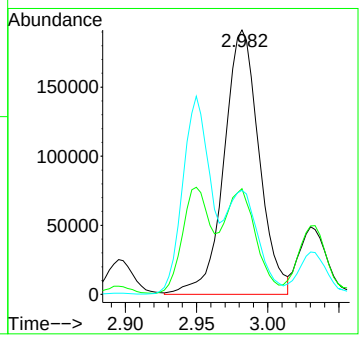


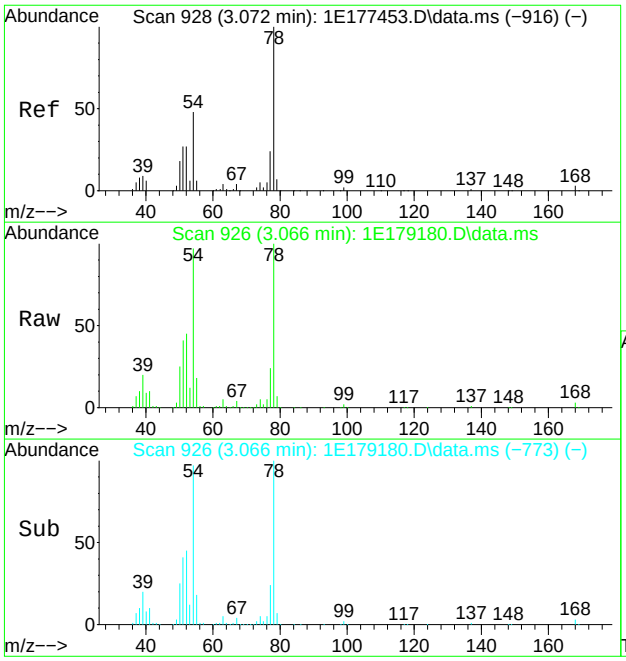


#52
iso-octane
Concen: 80.5450 ug/L
RT: 2.982 min Scan# 900
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 57 Resp: 328622

Ion	Ratio	Lower	Upper
57	100		
41	38.6	14.3	54.3
56	36.8	13.6	53.6

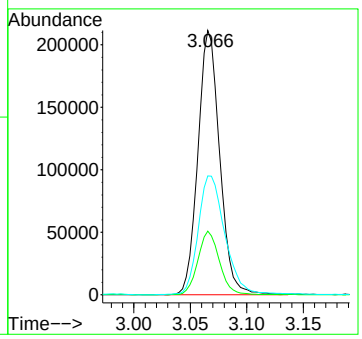


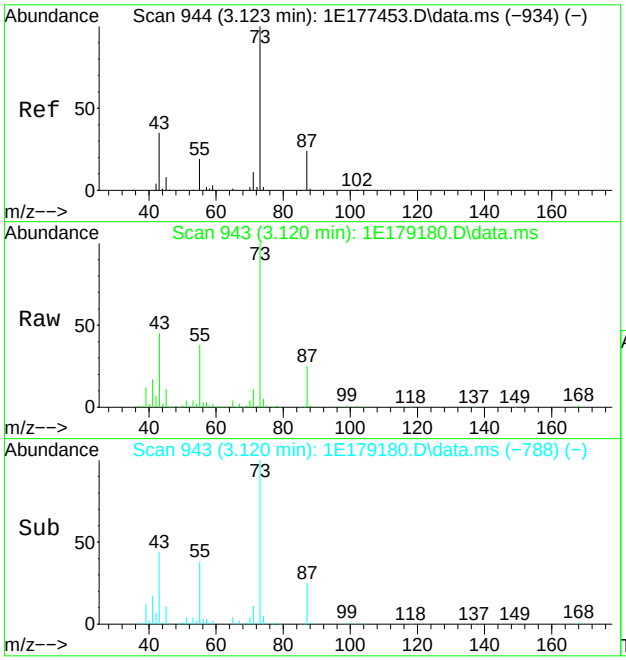


#53
benzene
Concen: 57.1284 ug/L
RT: 3.066 min Scan# 926
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 78 Resp: 283789

Ion	Ratio	Lower	Upper
78	100		
77	24.0	0.0	54.3
52	44.7	0.0	57.1

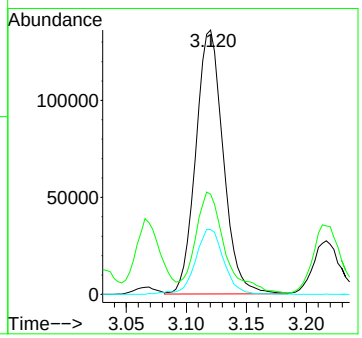


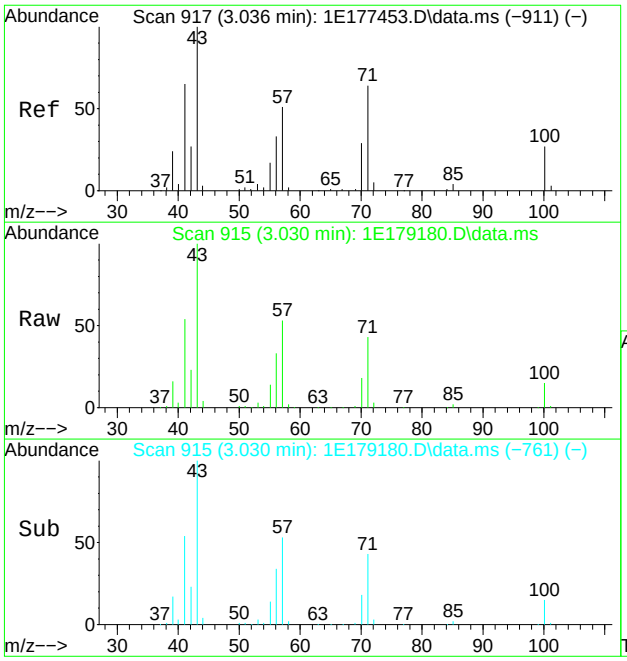


#54
tert-amyl methyl ether
Concen: 52.6308 ug/L
RT: 3.120 min Scan# 943
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 73 Resp: 216142

Ion	Ratio	Lower	Upper
73	100		
55	37.3	2.5	42.5
87	24.5	5.0	45.0

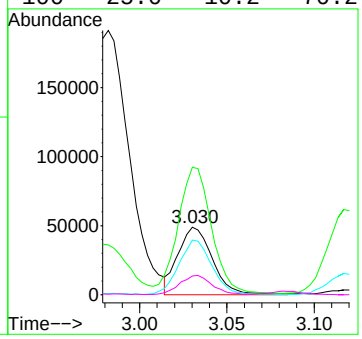


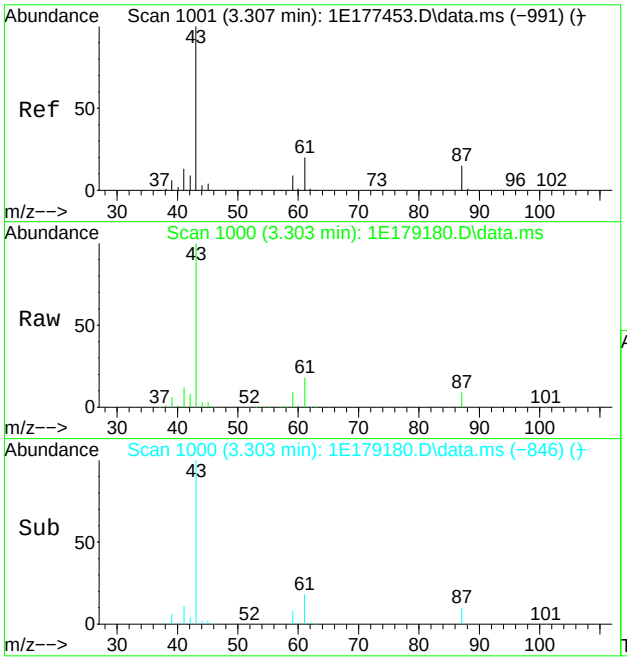


#55
heptane
Concen: 88.2141 ug/L
RT: 3.030 min Scan# 915
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 57 Resp: 67332

Ion	Ratio	Lower	Upper
57	100		
43	188.9	129.2	189.2
71	81.3	71.9	131.9
100	25.0	10.2	70.2

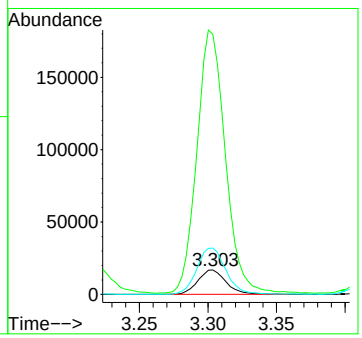


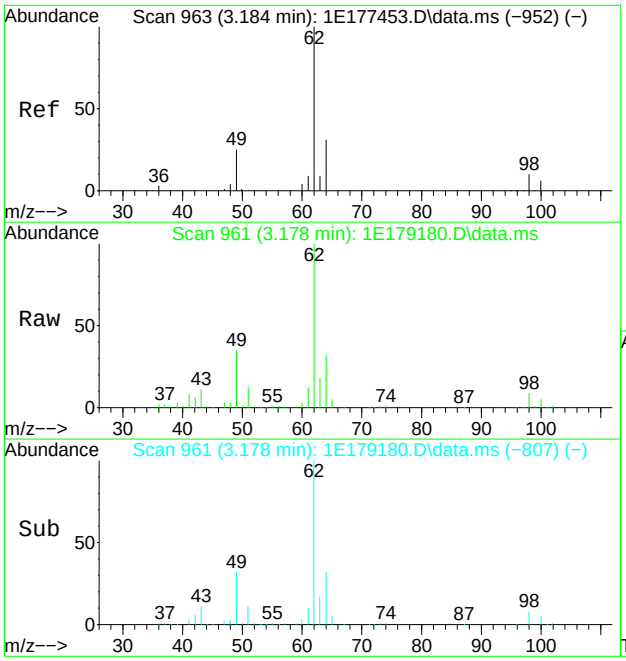


#56
isopropyl acetate
Concen: 53.8200 ug/L
RT: 3.303 min Scan# 1000
Delta R.T. -0.004 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 87 Resp: 24117

Ion	Ratio	Lower	Upper
87	100		
43	1060.4	647.0	707.0#
61	189.4	104.0	164.0#

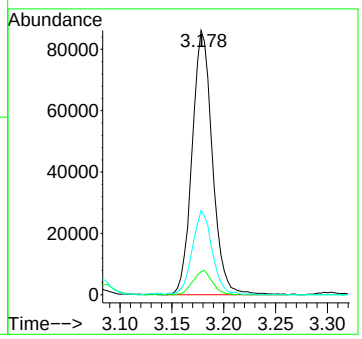


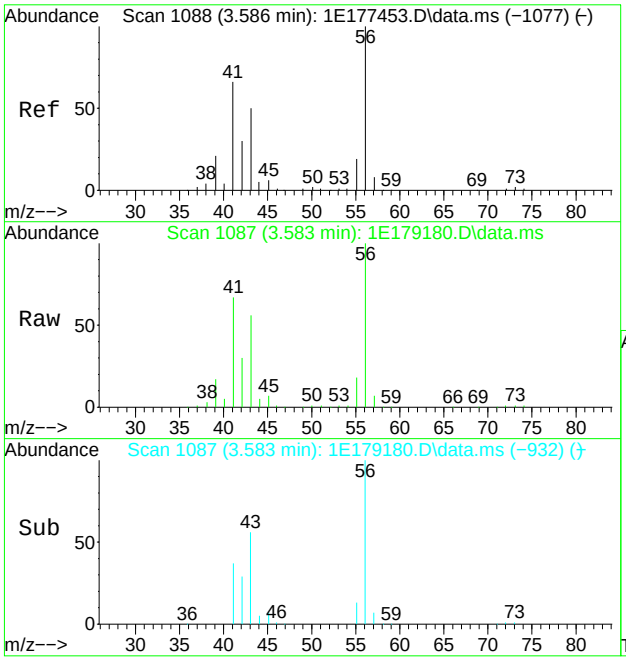


#57
1,2-dichloroethane
Concen: 57.8957 ug/L
RT: 3.178 min Scan# 961
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 62 Resp: 117431

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	39.5
64	31.8	1.9	61.9

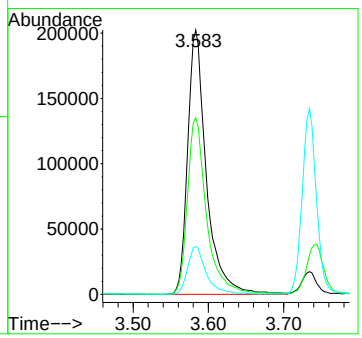


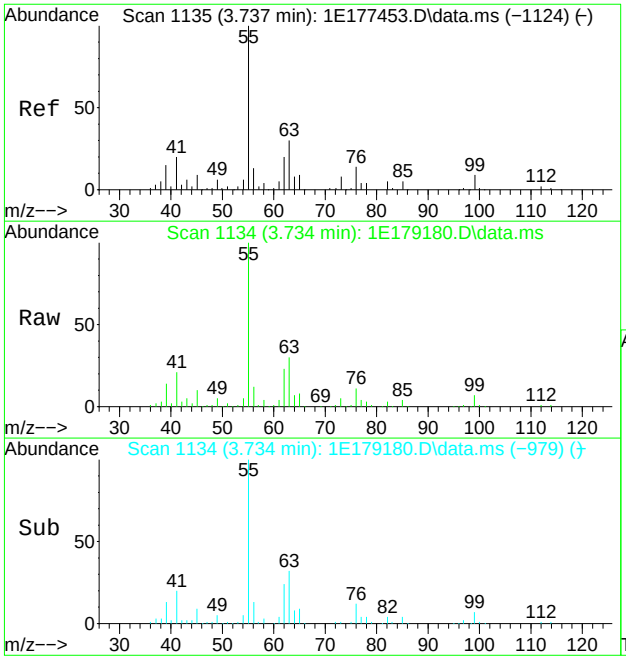


#58
n-butyl alcohol
Concen: 7012.8767 ug/L
RT: 3.583 min Scan# 1087
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 56 Resp: 349660

Ion	Ratio	Lower	Upper
56	100		
41	66.7	46.6	86.6
55	18.1	0.0	39.2

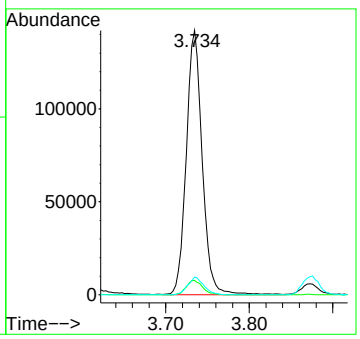


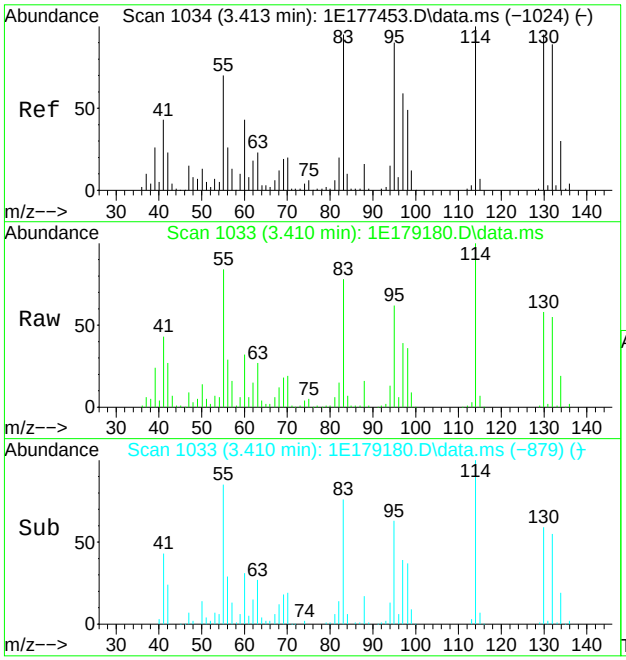


#59
ethyl acrylate
Concen: 80.5143 ug/L
RT: 3.734 min Scan# 1134
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 55 Resp: 189301

Ion	Ratio	Lower	Upper
55	100		
73	5.5	0.0	37.9
99	6.7	0.0	38.9

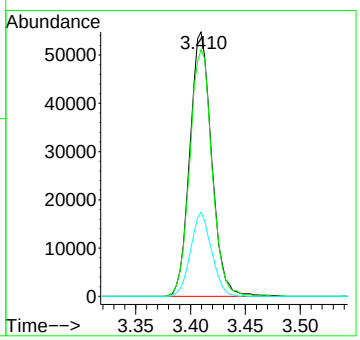


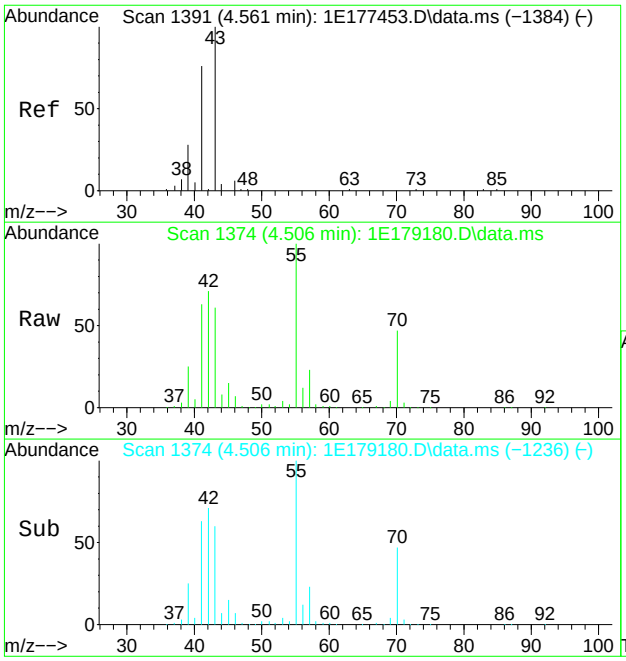


#60
trichloroethene
Concen: 49.5832 ug/L
RT: 3.410 min Scan# 1033
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:130 Resp: 75598

Ion	Ratio	Lower	Upper
130	100		
132	93.3	63.8	123.8
134	31.8	1.3	61.3

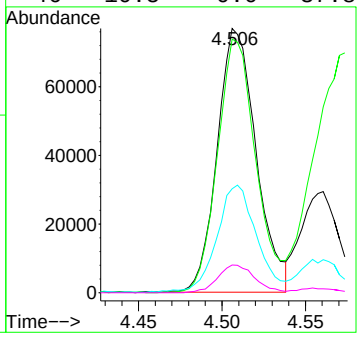


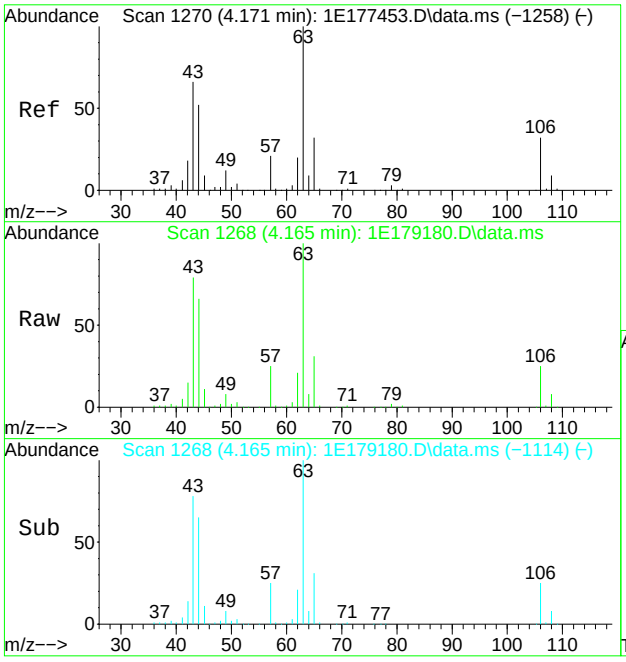


#61
2-nitropropane
Concen: 166.0039 ug/L
RT: 4.506 min Scan# 1374
Delta R.T. -0.055 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 41 Resp: 124861

Ion	Ratio	Lower	Upper
41	100		
43	95.9	93.3	153.3
39	38.6	9.2	69.2
46	10.5	0.0	37.8

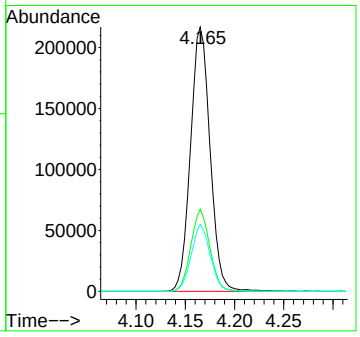


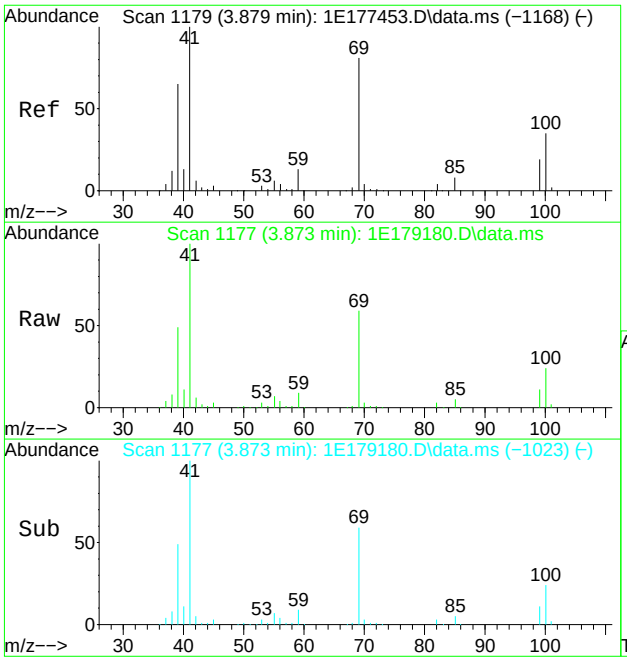


#62
2-chloroethyl vinyl ether
Concen: 356.0646 ug/L
RT: 4.165 min Scan# 1268
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 63 Resp: 299678

Ion	Ratio	Lower	Upper
63	100		
65	31.1	1.9	61.9
106	25.4	2.0	62.0

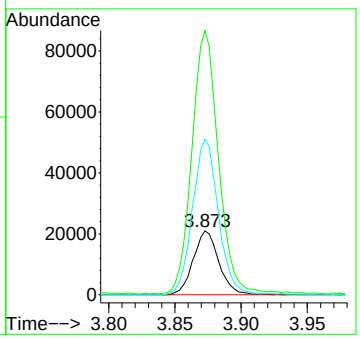


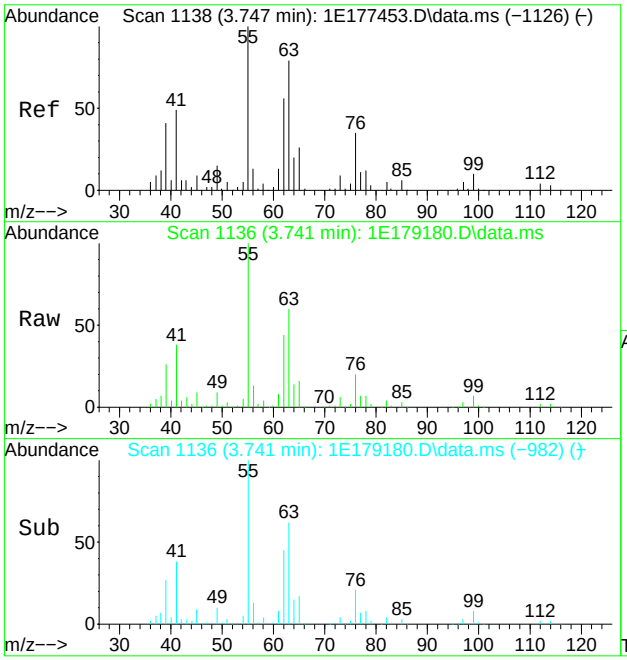


#63
methyl methacrylate
Concen: 54.4006 ug/L
RT: 3.873 min Scan# 1177
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:100 Resp: 28278

Ion	Ratio	Lower	Upper
100	100		
41	410.8	253.3	313.3#
69	243.0	198.3	258.3

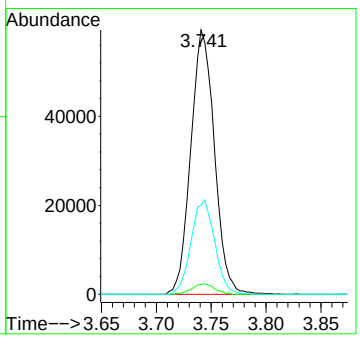


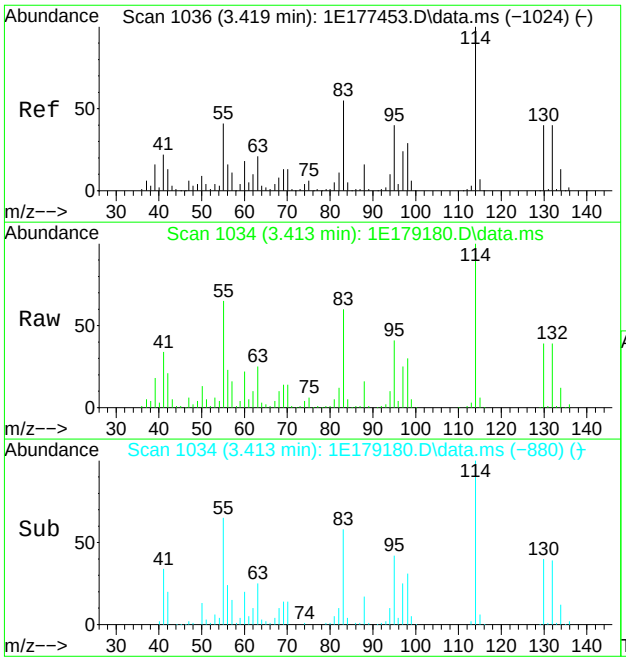


#64
1,2-dichloropropane
Concen: 68.1559 ug/L
RT: 3.741 min Scan# 1136
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 63 Resp: 89052

Ion	Ratio	Lower	Upper
63	100		
112	3.7	0.0	34.8
76	33.7	14.8	74.8

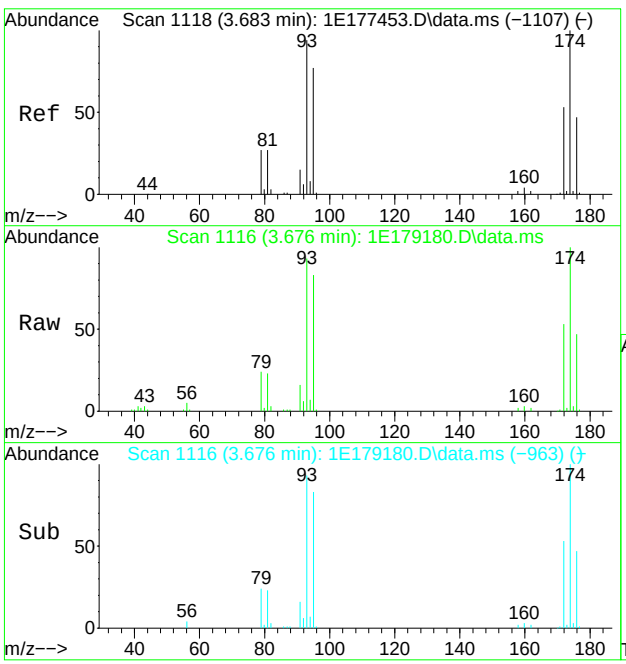




#65
methylcyclohexane
Concen: 54.5246 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 98 Resp: 58949

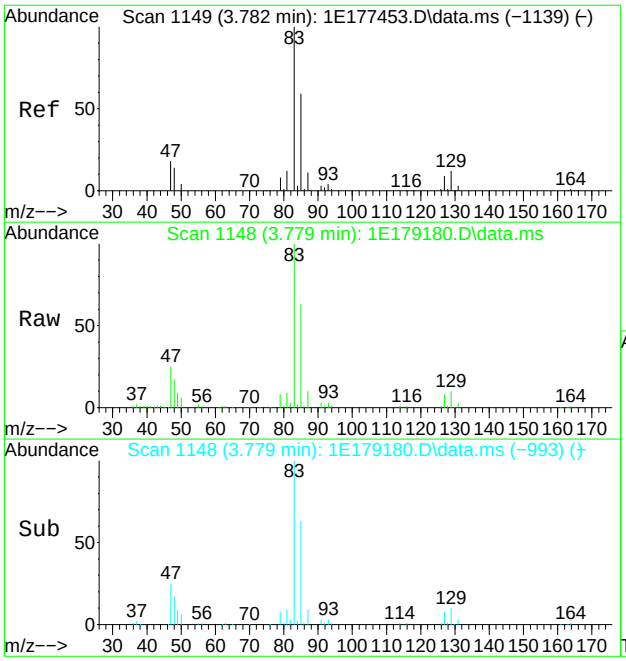
Ion	Ratio	Lower	Upper
98	100		
55	213.0	109.6	169.6#
83	198.4	187.2	187.2#



#66
dibromomethane
Concen: 49.6724 ug/L
RT: 3.676 min Scan# 1116
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 93 Resp: 48021

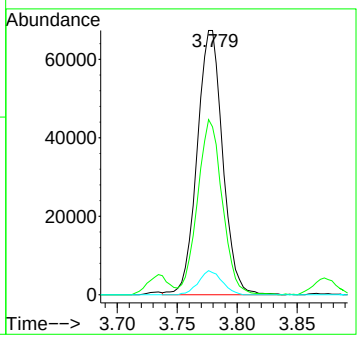
Ion	Ratio	Lower	Upper
93	100		
95	89.8	51.7	111.7
174	108.0	76.6	136.6
172	57.2	36.3	76.3

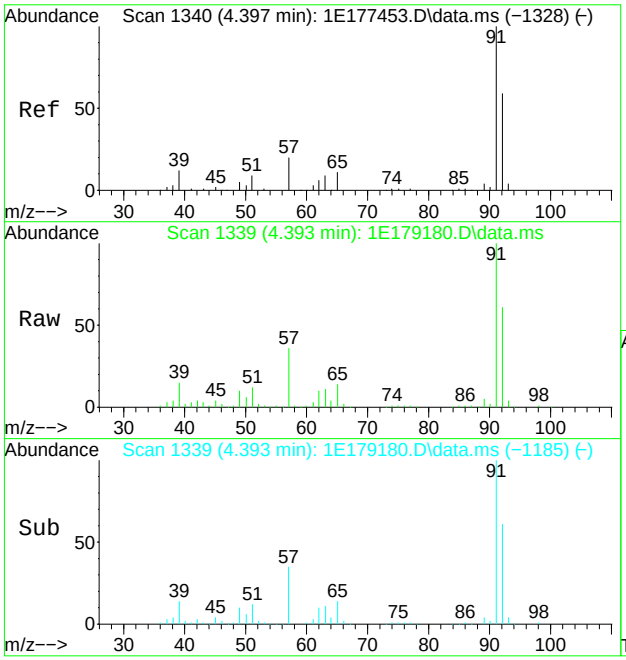


#67
bromodichloromethane
Concen: 52.0819 ug/L
RT: 3.779 min Scan# 1148
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 83 Resp: 99828

Ion	Ratio	Lower	Upper
83	100		
85	63.2	33.0	93.0
127	8.4	0.0	38.8

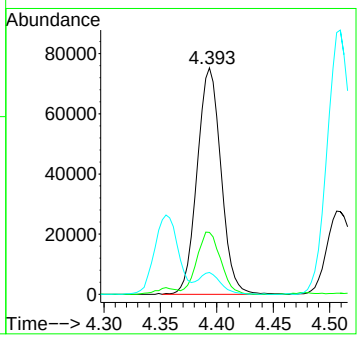


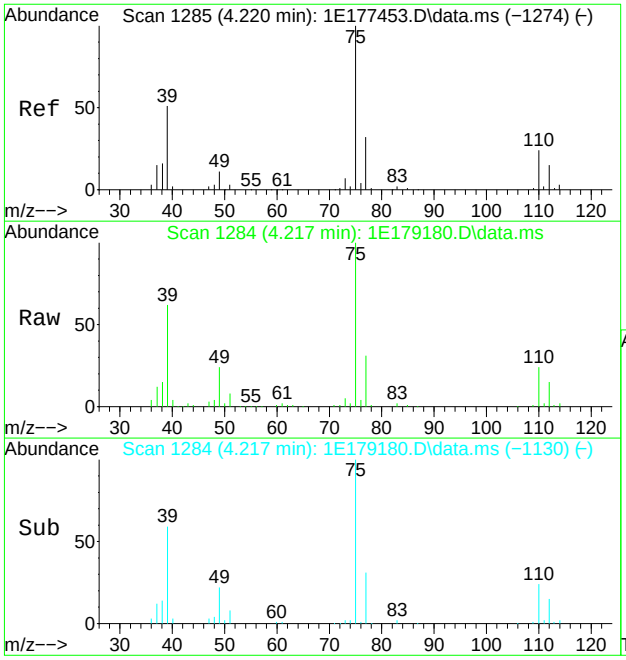


#68
epichlorohydrin
Concen: 473.7398 ug/L
RT: 4.393 min Scan# 1339
Delta R.T. -0.004 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 57 Resp: 110316

Ion	Ratio	Lower	Upper
57	100		
49	27.3	8.6	48.6
42	9.5	0.0	30.2

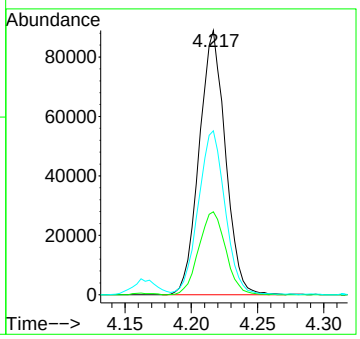


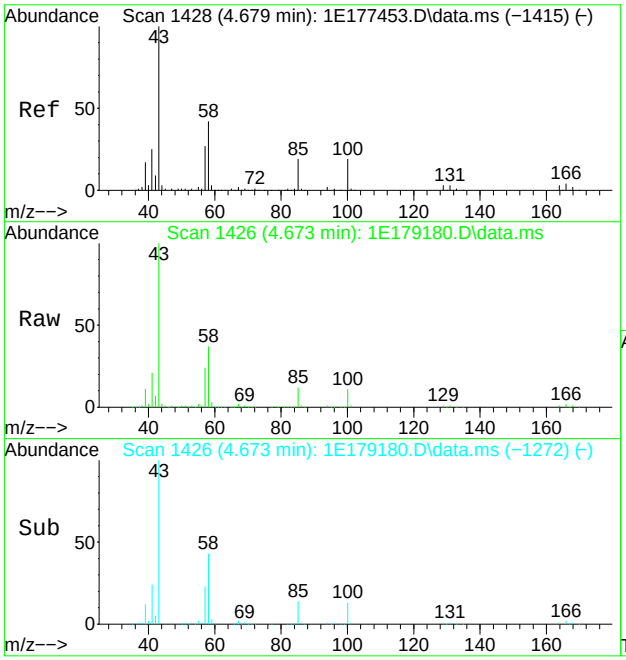


#69
cis-1,3-dichloropropene
Concen: 54.4661 ug/L
RT: 4.217 min Scan# 1284
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 75 Resp: 122514

Ion	Ratio	Lower	Upper
75	100		
77	31.4	2.1	62.1
39	61.8	23.0	83.0

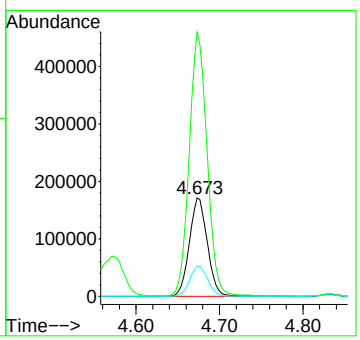


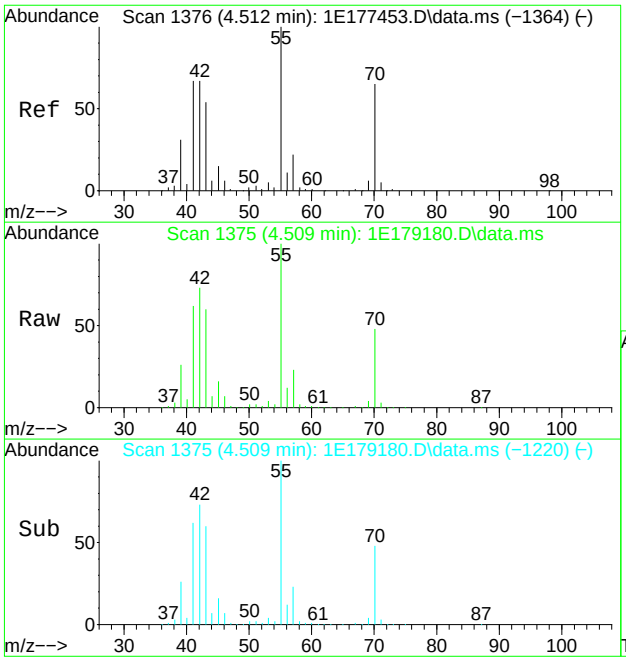


#70
4-methyl-2-pentanone
Concen: 330.3373 ug/L
RT: 4.673 min Scan# 1426
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 58 Resp: 256669

Ion	Ratio	Lower	Upper
58	100		
43	268.4	210.4	270.4
100	30.5	14.6	74.6

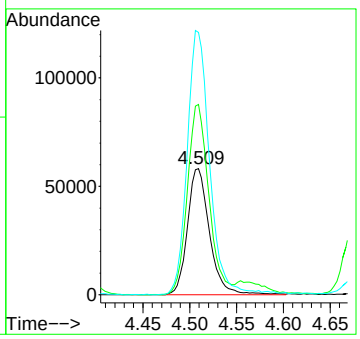


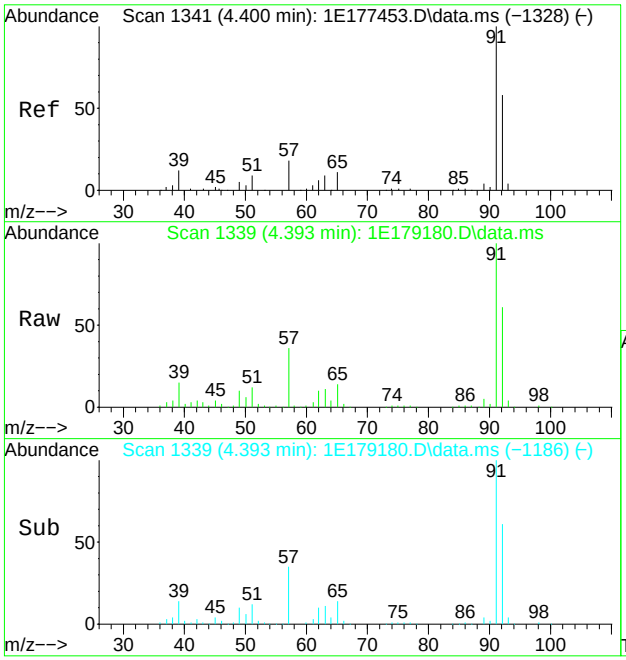


#71
3-methyl-1-butanol
Concen: 1669.1513 ug/L
RT: 4.509 min Scan# 1375
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 70 Resp: 95495

Ion	Ratio	Lower	Upper
70	100		
42	151.1	73.1	133.1#
55	207.6	123.9	183.9#

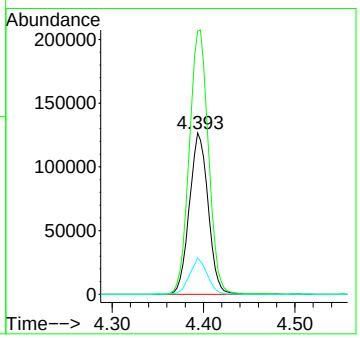


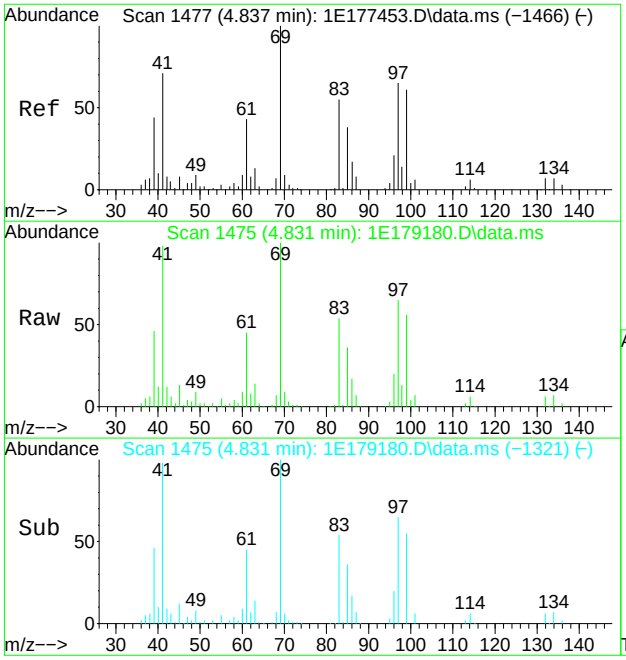


#74
toluene
Concen: 54.9850 ug/L
RT: 4.393 min Scan# 1339
Delta R.T. -0.007 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 92 Resp: 180315

Ion	Ratio	Lower	Upper
92	100		
91	163.4	151.4	191.4
65	22.6	0.0	39.2

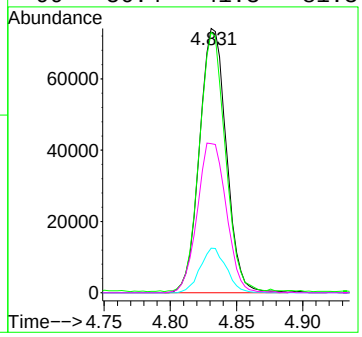


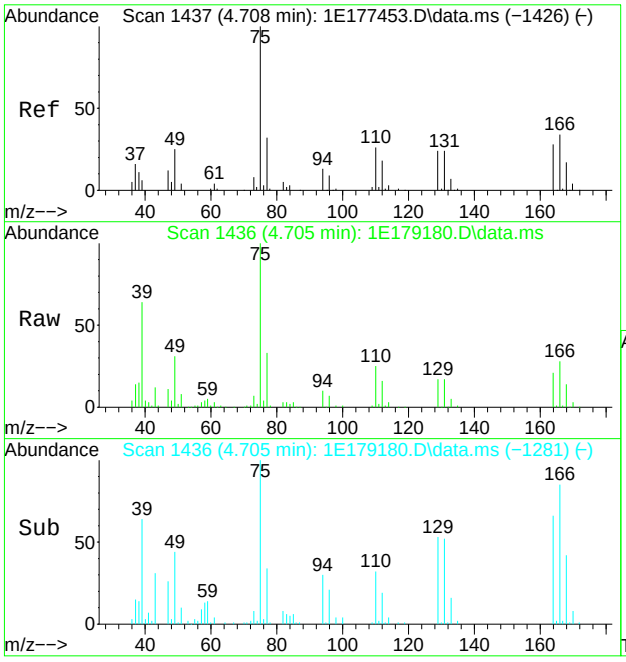


#75
ethyl methacrylate
Concen: 54.0274 ug/L
RT: 4.831 min Scan# 1475
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 69 Resp: 104745

Ion	Ratio	Lower	Upper
69	100		
41	98.0	51.1	91.1#
86	16.9	0.0	36.7
99	56.4	41.3	81.3

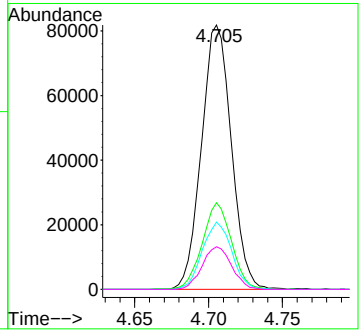


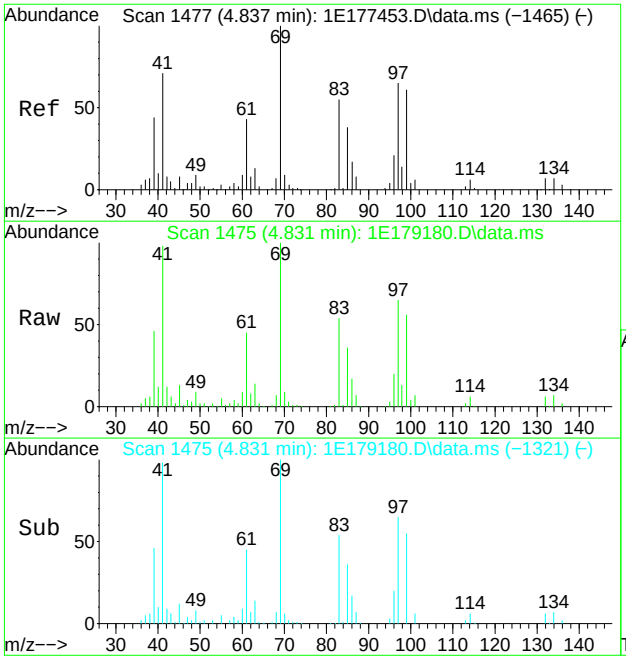


#76
trans-1,3-dichloropropene
Concen: 53.5292 ug/L
RT: 4.705 min Scan# 1436
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 75 Resp: 114937

Ion	Ratio	Lower	Upper
75	100		
77	32.8	12.4	52.4
110	25.5	6.3	46.3
112	16.2	0.0	37.7

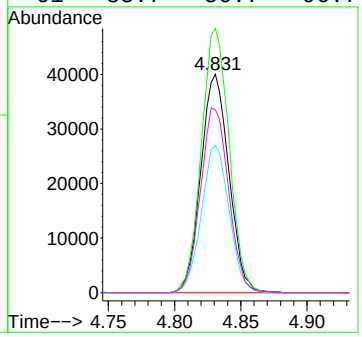


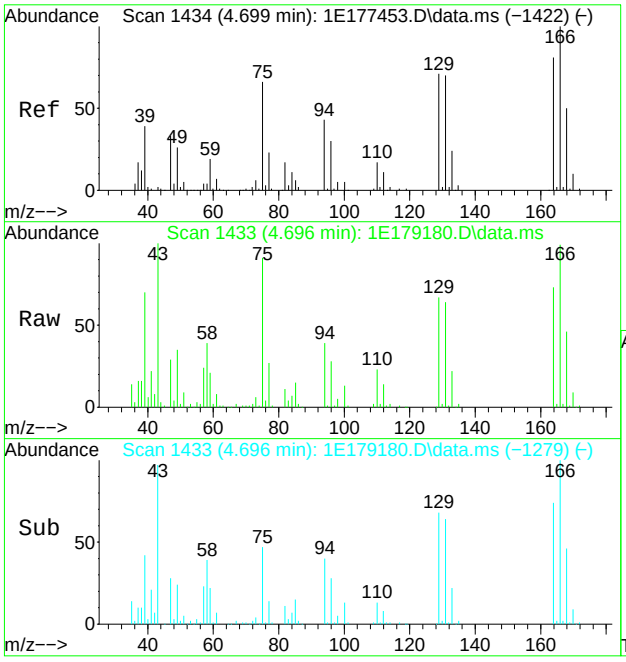


#77
1,1,2-trichloroethane
Concen: 51.9950 ug/L
RT: 4.831 min Scan# 1475
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 83 Resp: 59131

Ion	Ratio	Lower	Upper
83	100		
97	121.0	97.4	137.4
85	67.3	48.3	88.3
61	83.7	56.7	96.7

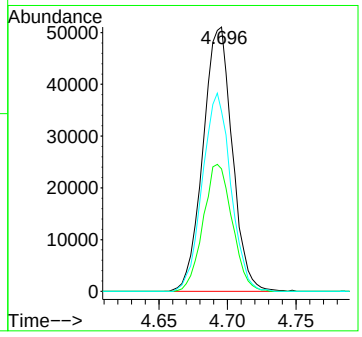


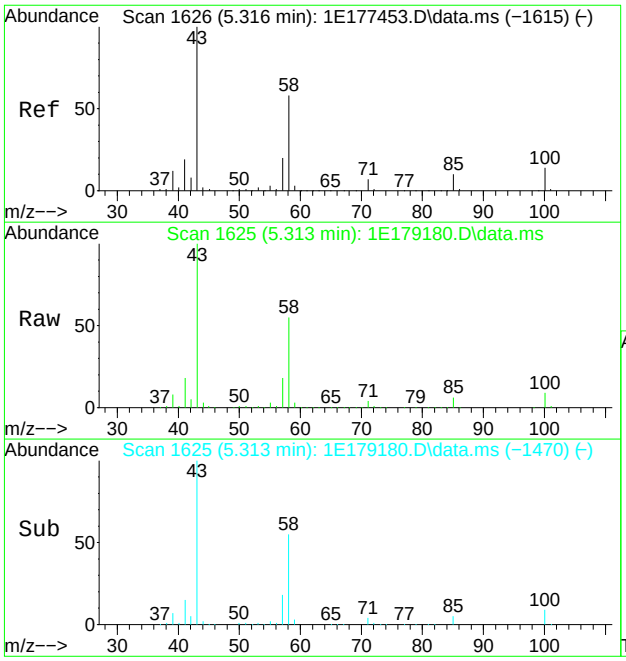


#78
tetrachloroethene
Concen: 48.7940 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:166 Resp: 75704

Ion	Ratio	Lower	Upper
166	100		
168	46.4	20.1	80.1
129	68.1	41.0	101.0

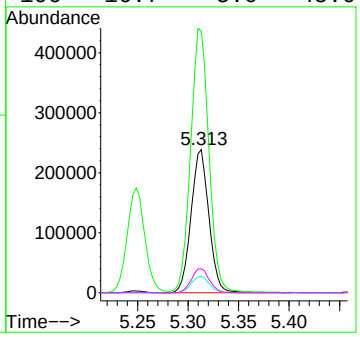


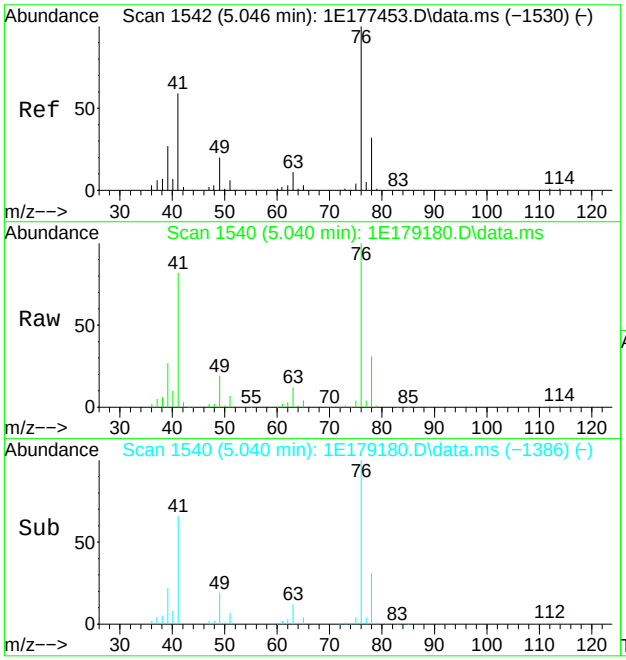


#79
2-hexanone
Concen: 310.8120 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 58 Resp: 293827

Ion	Ratio	Lower	Upper
58	100		
43	182.5	153.6	193.6
85	11.6	0.0	37.1
100	16.7	5.0	45.0

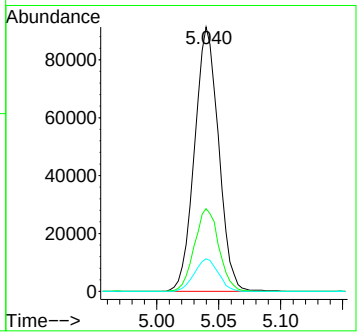


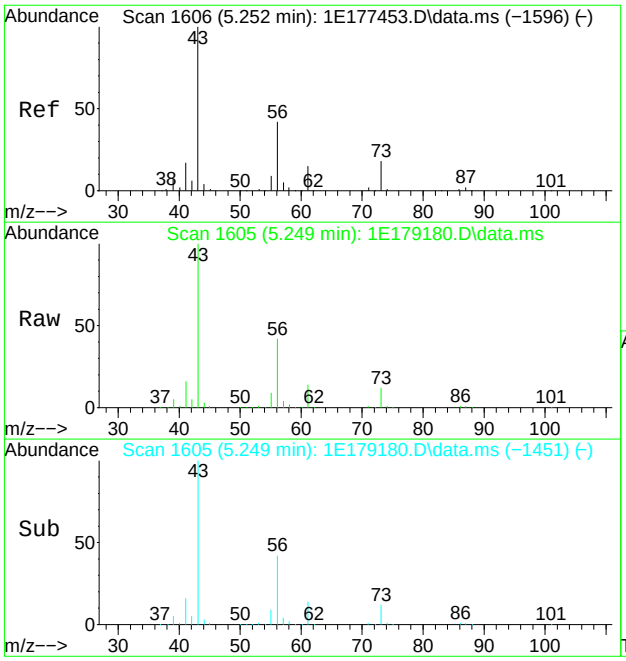


#80
1,3-dichloropropane
Concen: 55.6177 ug/L
RT: 5.040 min Scan# 1540
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 76 Resp: 122978

Ion	Ratio	Lower	Upper
76	100		
78	31.3	2.4	62.4
63	12.3	0.0	41.1

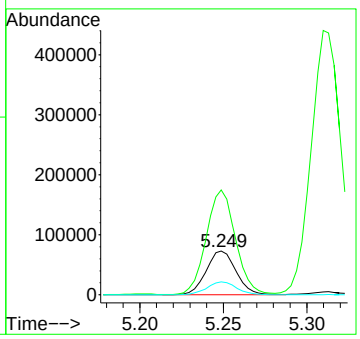


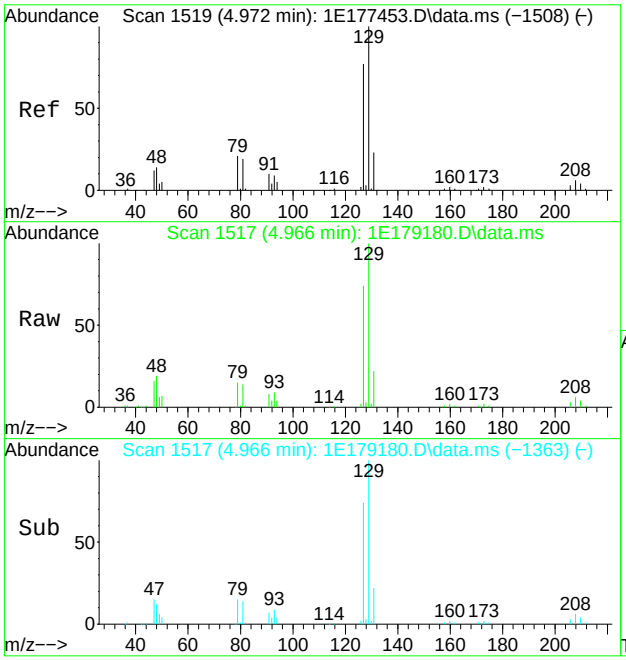


#81
butyl acetate
Concen: 80.2377 ug/L
RT: 5.249 min Scan# 1605
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 56 Resp: 90912

Ion	Ratio	Lower	Upper
56	100		
43	238.4	205.8	265.8
73	29.6	13.1	73.1

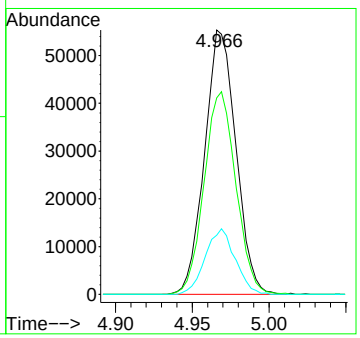


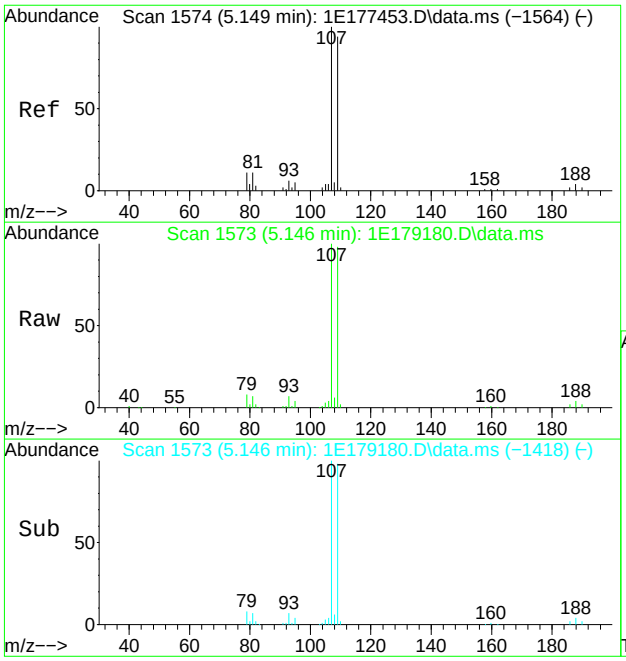


#82
dibromochloromethane
Concen: 46.3524 ug/L
RT: 4.966 min Scan# 1517
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:129 Resp: 78538

Ion	Ratio	Lower	Upper
129	100		
127	74.3	47.3	107.3
131	22.3	0.0	52.9

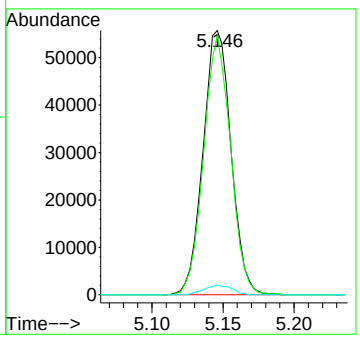


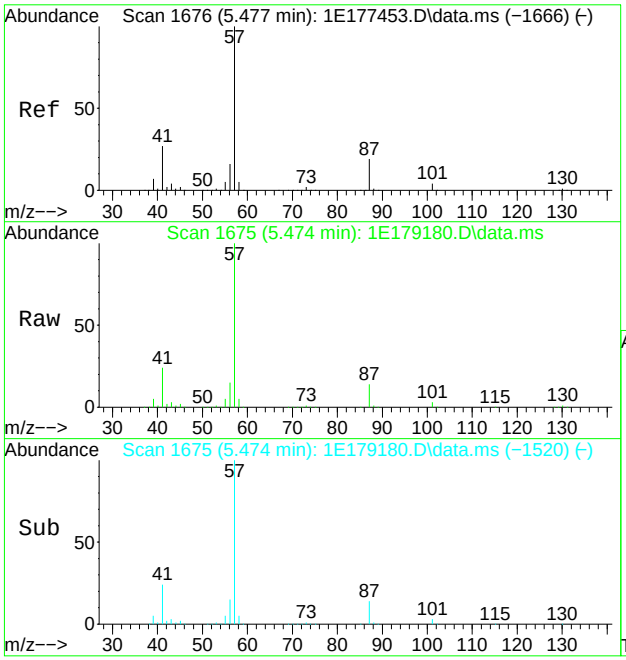


#83
1,2-dibromoethane
Concen: 51.8679 ug/L
RT: 5.146 min Scan# 1573
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:107 Resp: 76575

Ion	Ratio	Lower	Upper
107	100		
109	98.0	63.9	123.9
188	3.7	0.0	34.1

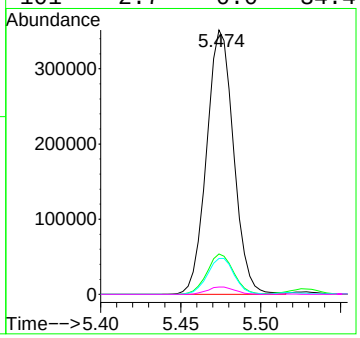


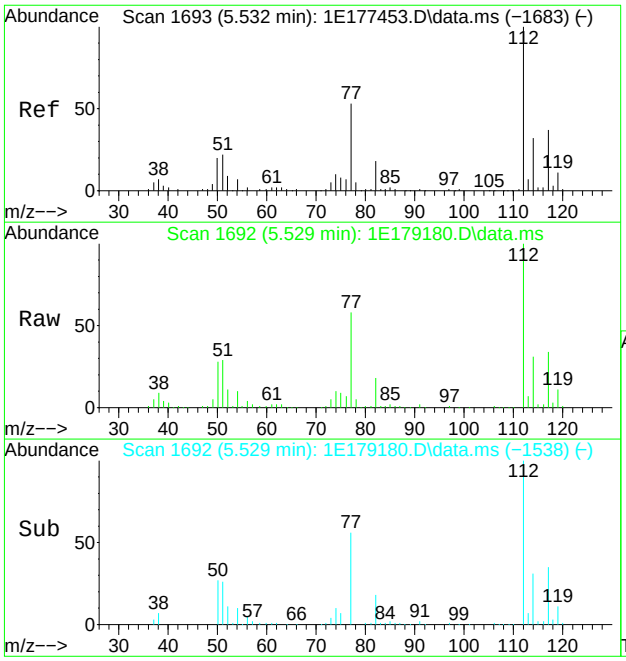


#84
n-butyl ether
Concen: 76.6429 ug/L
RT: 5.474 min Scan# 1675
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 57 Resp: 414017

Ion	Ratio	Lower	Upper
57	100		
56	15.3	0.0	45.9
87	13.6	0.0	49.2
101	2.7	0.0	34.4

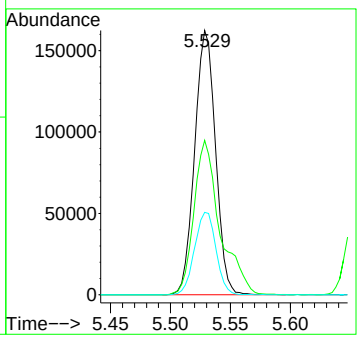


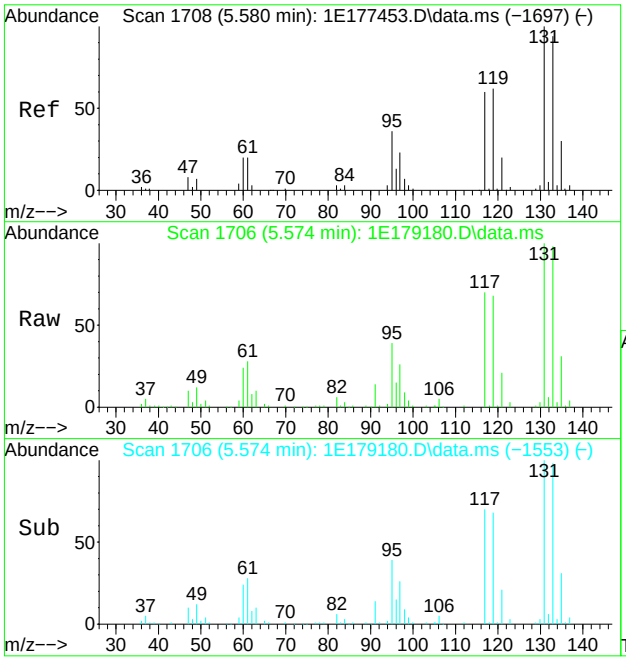


#85
chlorobenzene
Concen: 51.2191 ug/L
RT: 5.529 min Scan# 1692
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:112 Resp: 196232

Ion	Ratio	Lower	Upper
112	100		
77	58.4	23.2	83.2
114	31.2	2.3	62.3

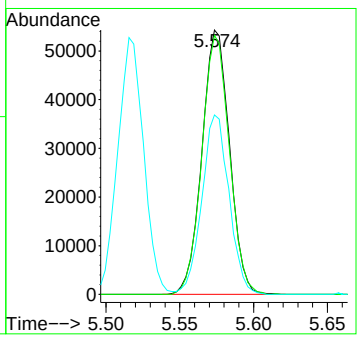


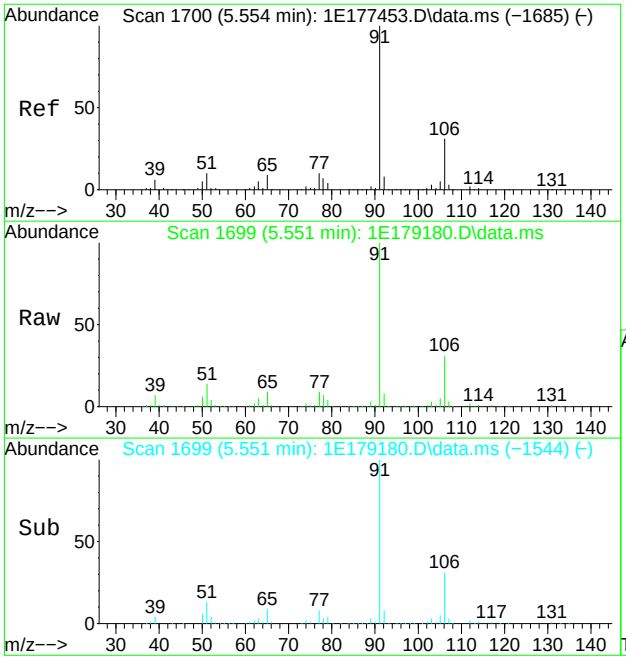


#86
1,1,1,2-tetrachloroethane
Concen: 47.3652 ug/L
RT: 5.574 min Scan# 1706
Delta R.T. -0.006 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:131 Resp: 70320

Ion	Ratio	Lower	Upper
131	100		
133	97.9	64.5	124.5
119	67.8	33.5	93.5

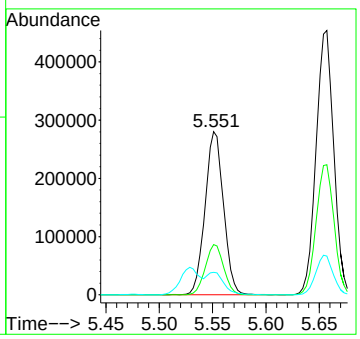


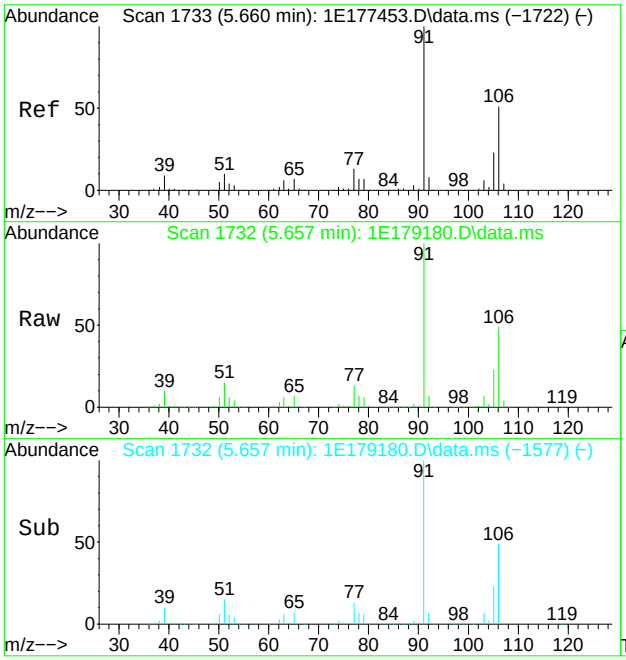


#87
ethylbenzene
Concen: 53.5214 ug/L
RT: 5.551 min Scan# 1699
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 91 Resp: 337931

Ion	Ratio	Lower	Upper
91	100		
106	30.9	1.0	61.0
51	13.8	0.0	40.1

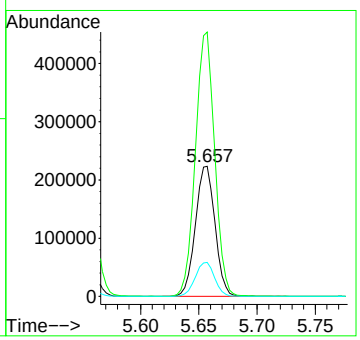


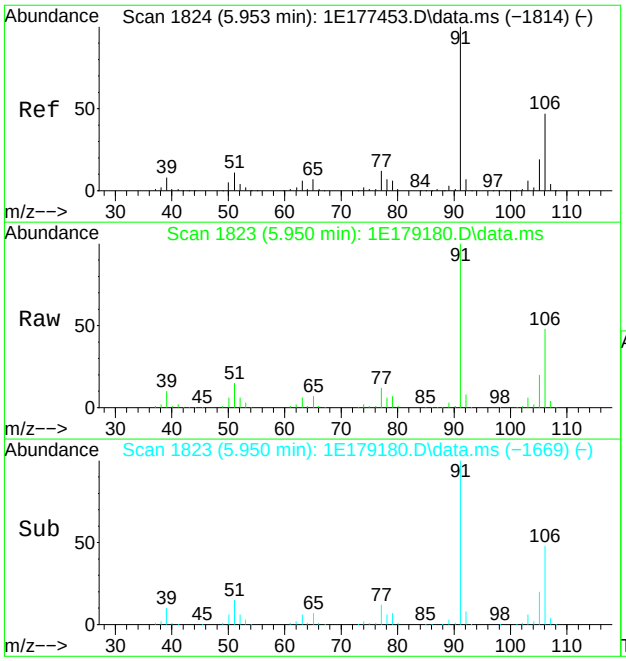


#88
m,p-xylene
Concen: 105.6444 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:106 Resp: 261685

Ion	Ratio	Lower	Upper
106	100		
91	203.1	166.4	226.4
77	26.0	5.3	45.3

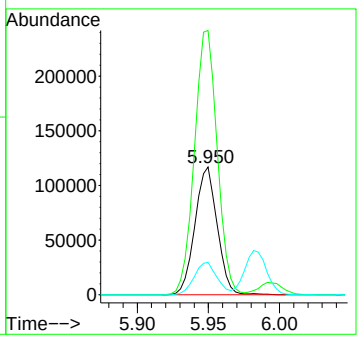


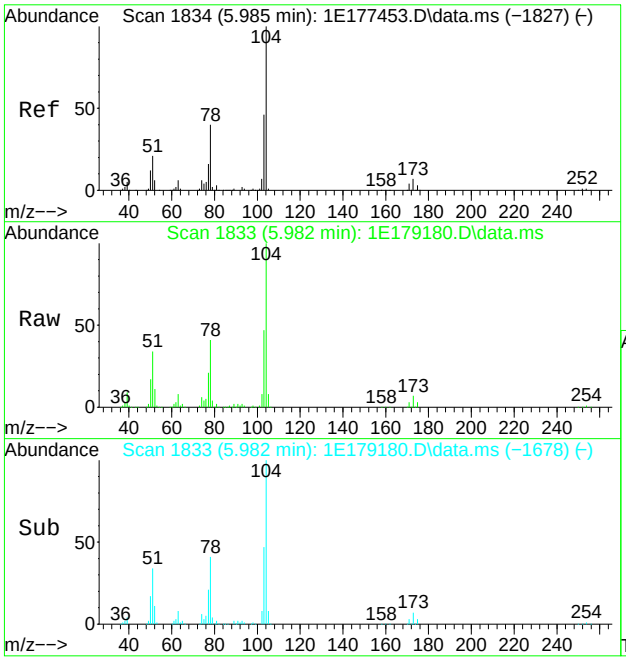


#89
o-xylene
Concen: 52.1076 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:106 Resp: 127771

Ion	Ratio	Lower	Upper
106	100		
91	207.0	184.0	244.0
77	25.4	6.6	46.6

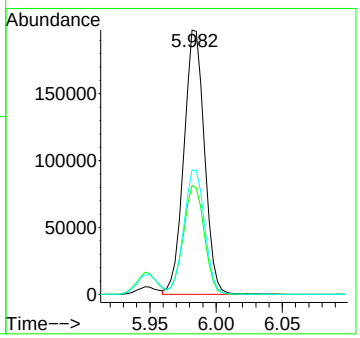


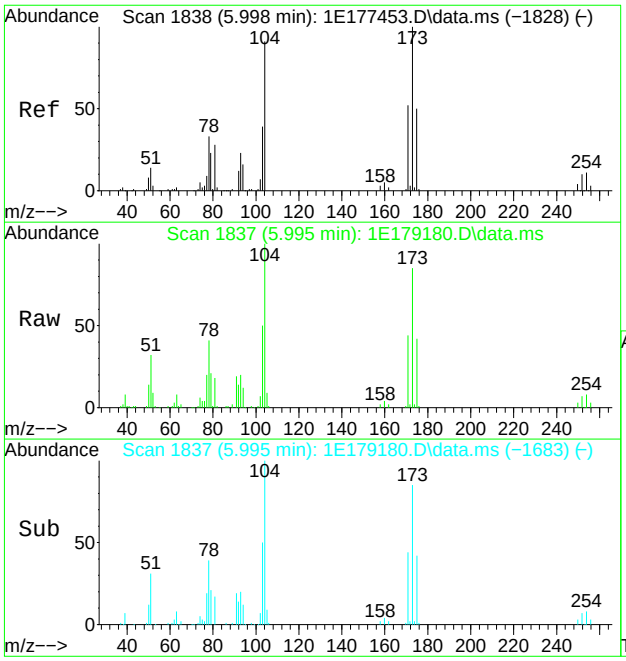


#90
styrene
Concen: 52.1432 ug/L
RT: 5.982 min Scan# 1833
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:104 Resp: 213939

Ion	Ratio	Lower	Upper
104	100		
78	41.2	12.2	72.2
103	47.0	18.0	78.0

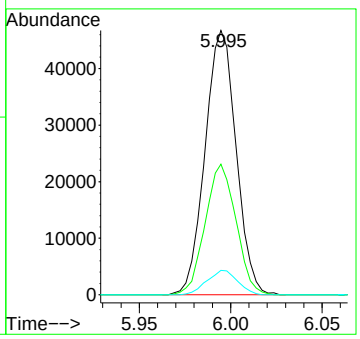


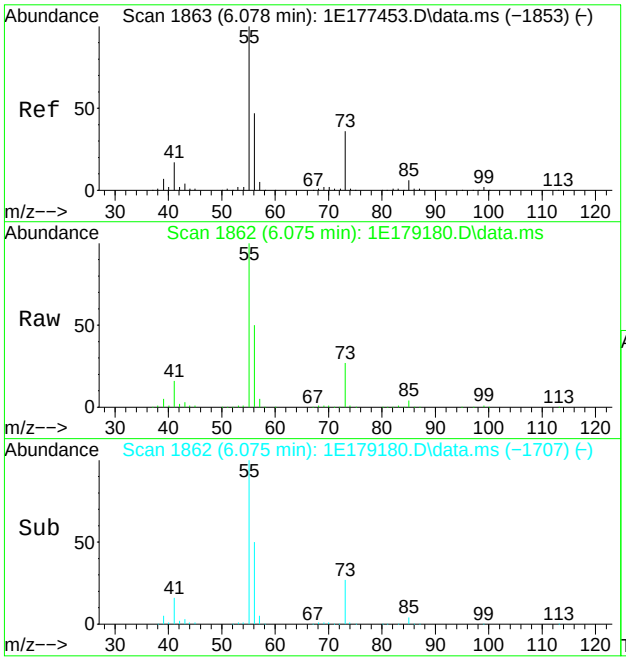


#91
bromoform
Concen: 44.8647 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:173 Resp: 55546

Ion	Ratio	Lower	Upper
173	100		
175	49.4	20.2	80.2
254	9.2	0.0	40.9

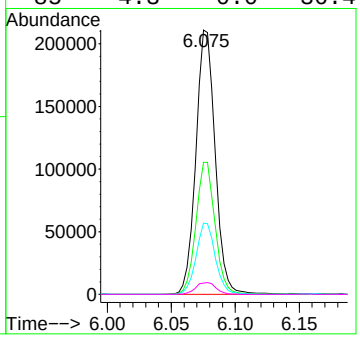


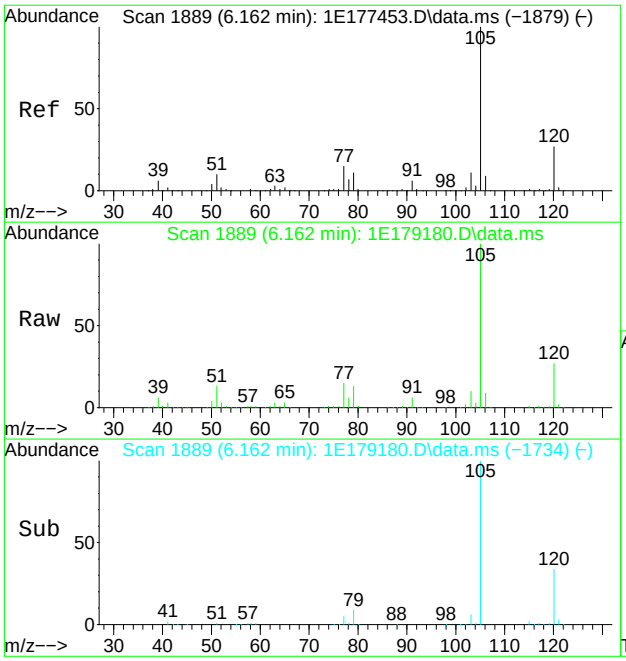


#92
butyl acrylate
Concen: 73.0048 ug/L
RT: 6.075 min Scan# 1862
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 55 Resp: 222051

Ion	Ratio	Lower	Upper
55	100		
56	49.9	17.5	77.5
73	26.9	5.8	65.8
85	4.3	0.0	36.4

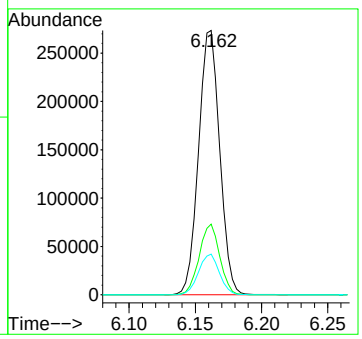


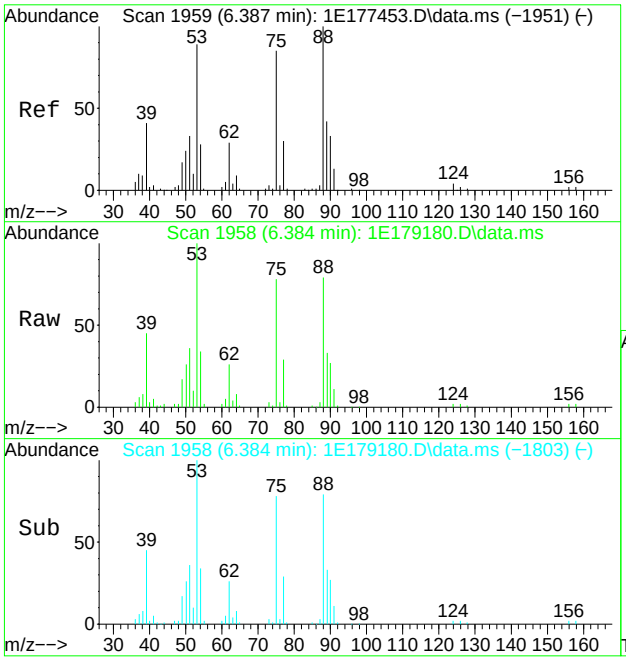


#93
isopropylbenzene
Concen: 50.9926 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:105 Resp: 303226

Ion	Ratio	Lower	Upper
105	100		
120	26.7	6.8	46.8
77	15.4	0.0	34.9

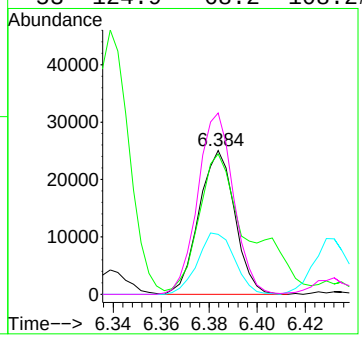


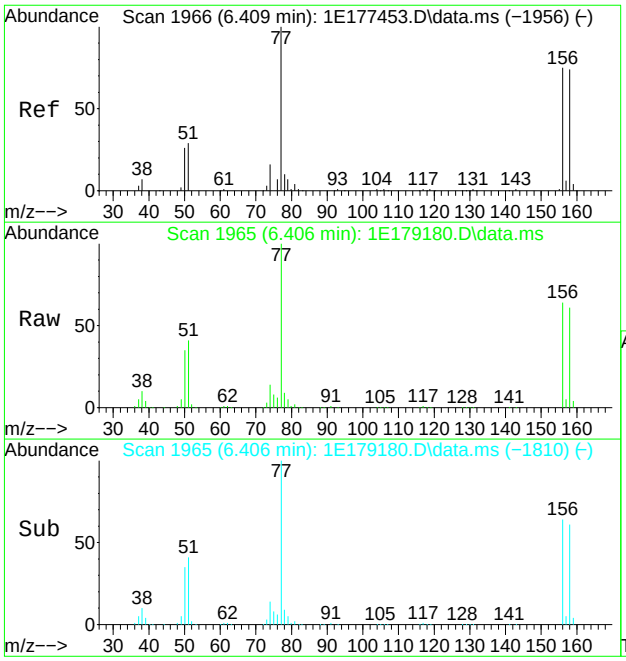


#94
cis-1,4-dichloro-2-butene
Concen: 31.1026 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 88 Resp: 25968

Ion	Ratio	Lower	Upper
88	100		
75	95.2	64.1	104.1
89	41.8	22.2	62.2
53	124.9	68.2	108.2#

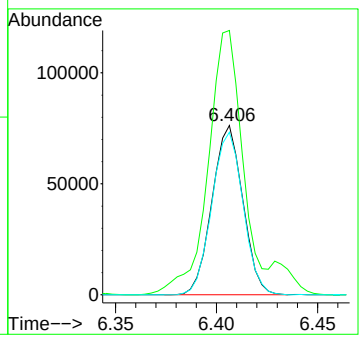


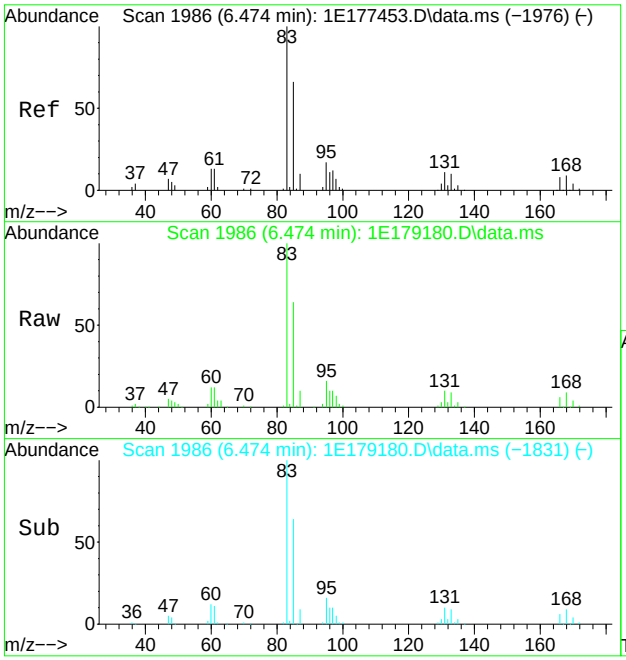


#97
bromobenzene
Concen: 52.4548 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:156 Resp: 80847

Ion	Ratio	Lower	Upper
156	100		
77	151.8	106.4	166.4
158	96.0	68.2	128.2

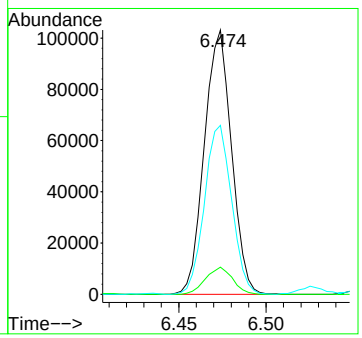


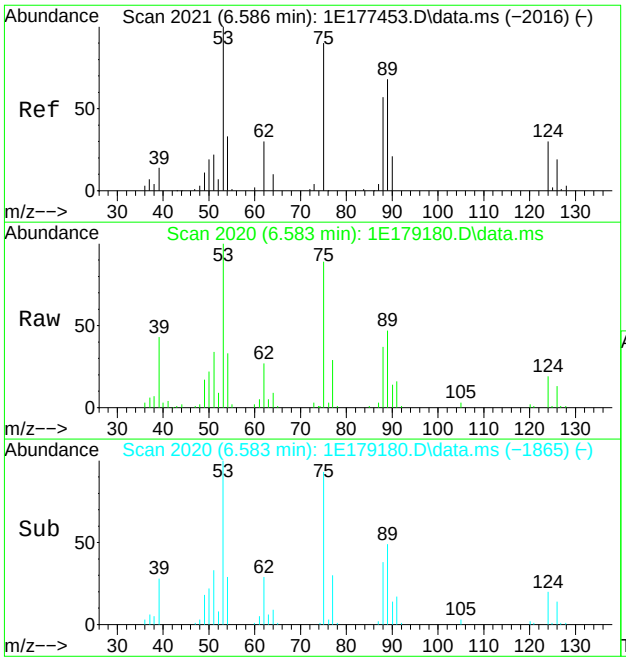


#98
1,1,2,2-tetrachloroethane
Concen: 60.3255 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 83 Resp: 111727

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	41.0
85	63.9	36.4	96.4

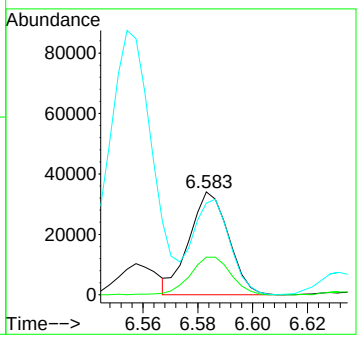


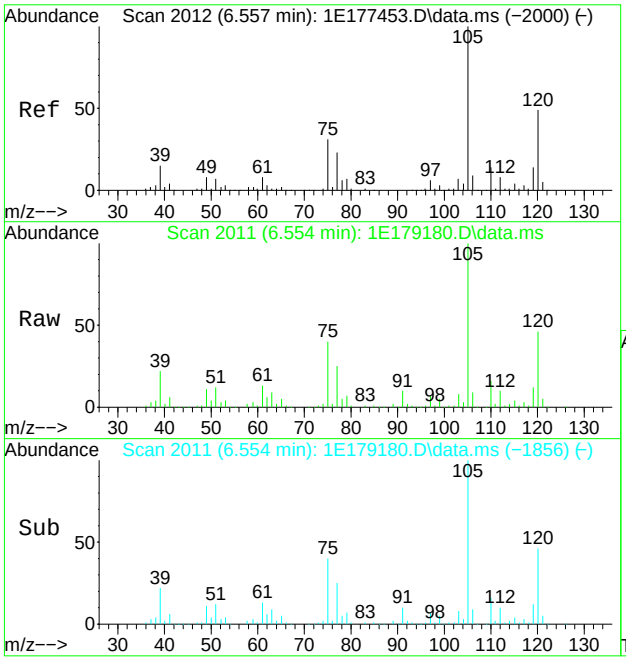


#99
trans-1,4-dichloro-2-butene
Concen: 53.0247 ug/L
RT: 6.583 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 53 Resp: 33846

Ion	Ratio	Lower	Upper
53	100		
88	36.6	22.7	82.7
75	88.5	94.8	154.8#

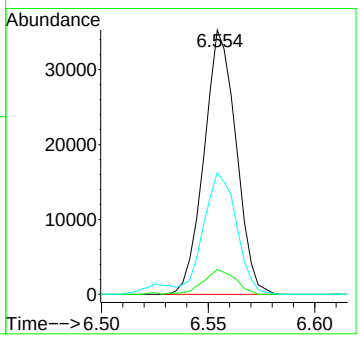


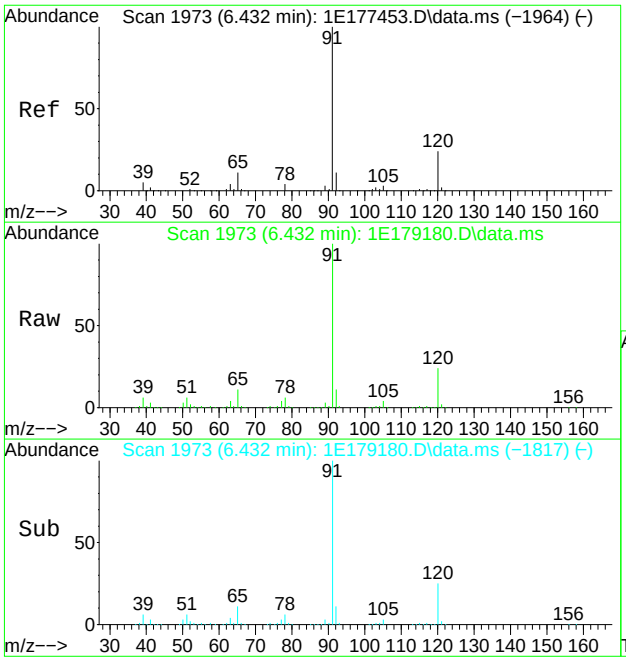


#100
1,2,3-trichloropropane
Concen: 54.0206 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:110 Resp: 36897

Ion	Ratio	Lower	Upper
110	100		
111	9.5	0.0	38.2
97	46.0	14.3	74.3

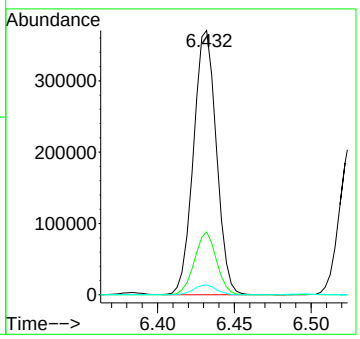


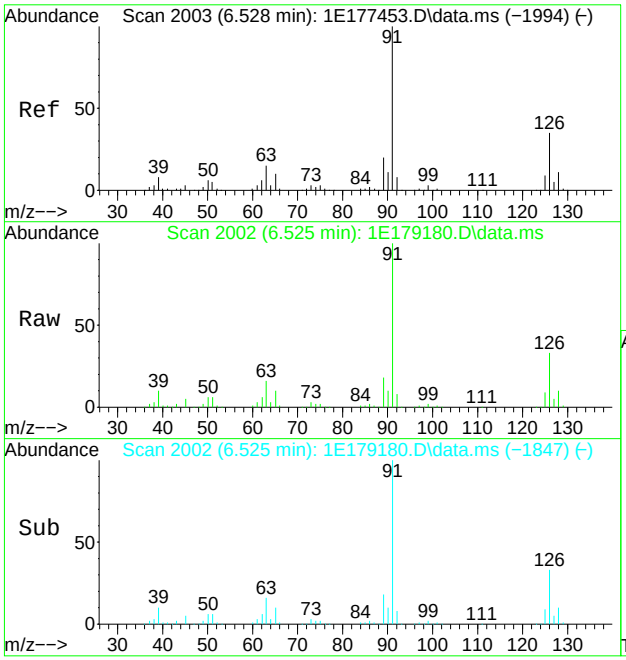


#101
n-propylbenzene
Concen: 56.2941 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 91 Resp: 384667

Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	53.6
105	3.7	0.0	33.5

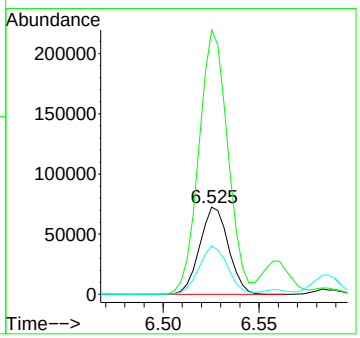


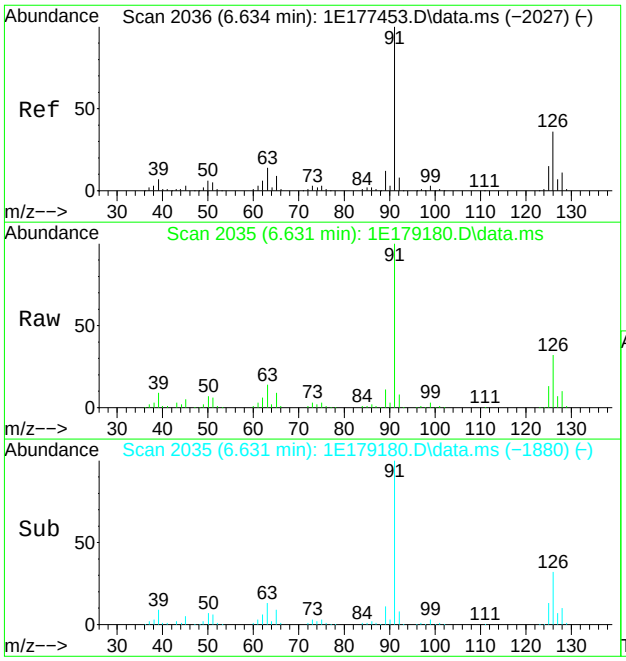


#102
2-chlorotoluene
Concen: 52.2605 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:126 Resp: 75579

Ion	Ratio	Lower	Upper
126	100		
91	303.0	257.7	317.7
89	55.7	26.9	86.9

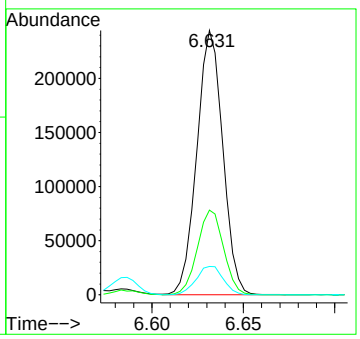


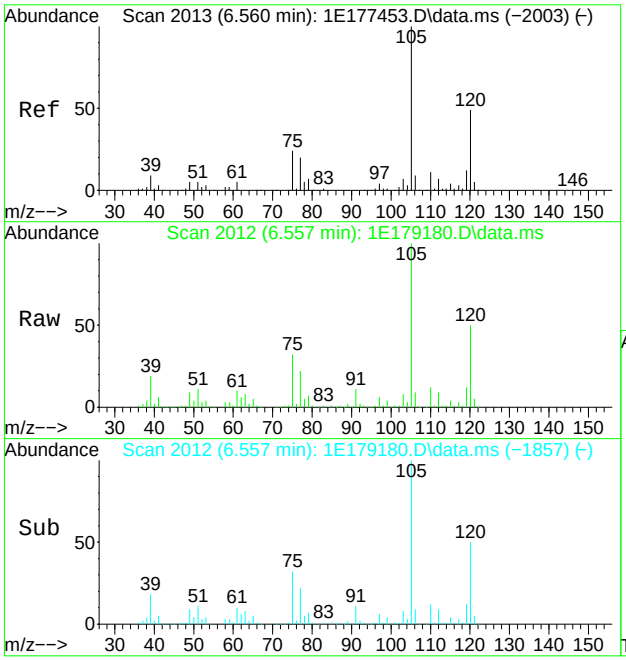


#103
4-chlorotoluene
Concen: 55.3638 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion: 91 Resp: 243132

Ion	Ratio	Lower	Upper
91	100		
126	32.0	5.7	65.7
89	10.8	0.0	41.7

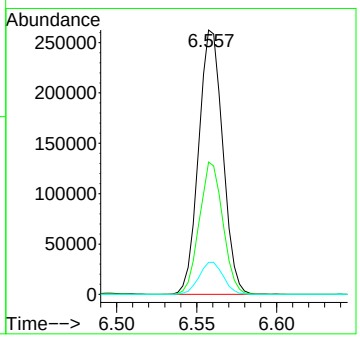


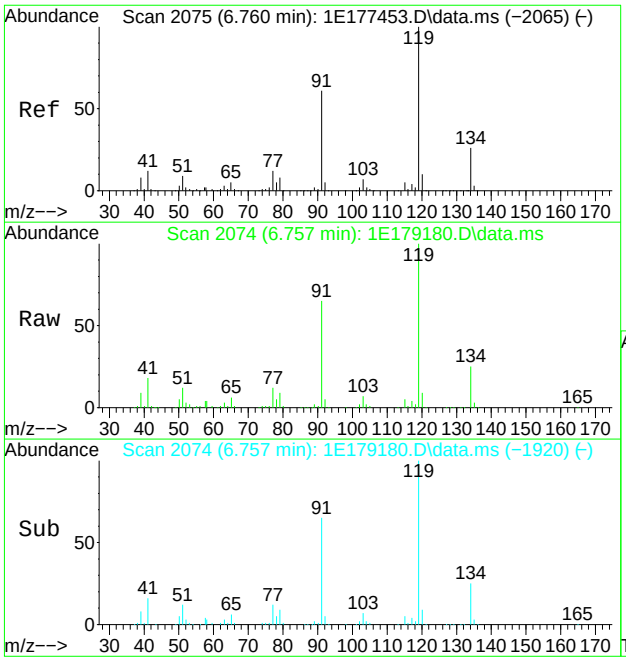


#104
1,3,5-trimethylbenzene
Concen: 55.6450 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:105 Resp: 275631

Ion	Ratio	Lower	Upper
105	100		
120	50.1	18.8	78.8
119	12.1	0.0	42.5

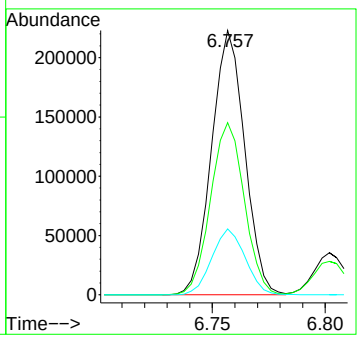


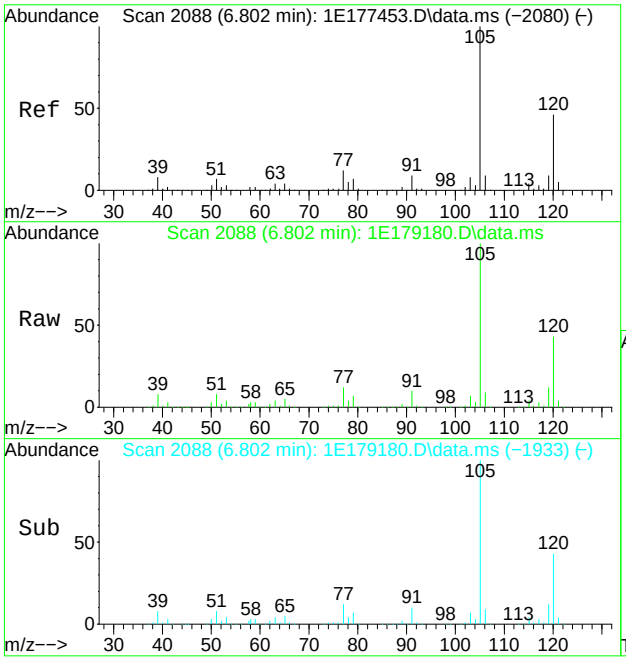


#105
tert-butylbenzene
Concen: 53.2346 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:119 Resp: 227109

Ion	Ratio	Lower	Upper
119	100		
91	65.1	30.8	90.8
134	24.9	0.0	55.6

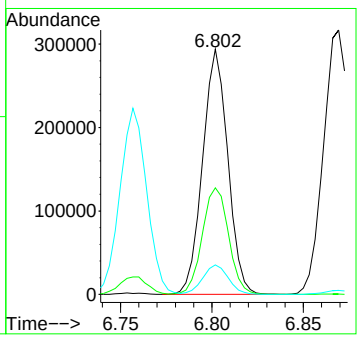


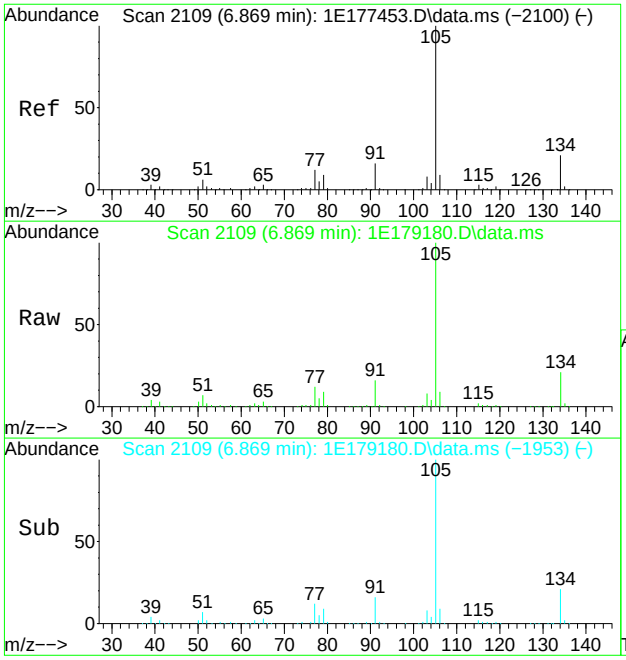


#106
1,2,4-trimethylbenzene
Concen: 55.3897 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:105 Resp: 282647

Ion	Ratio	Lower	Upper
105	100		
120	43.4	16.7	76.7
119	12.1	0.0	42.3

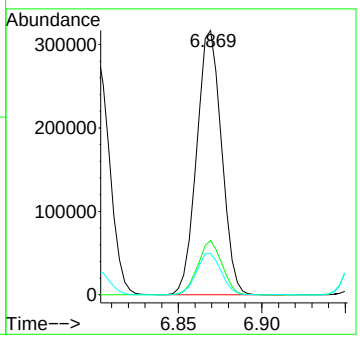


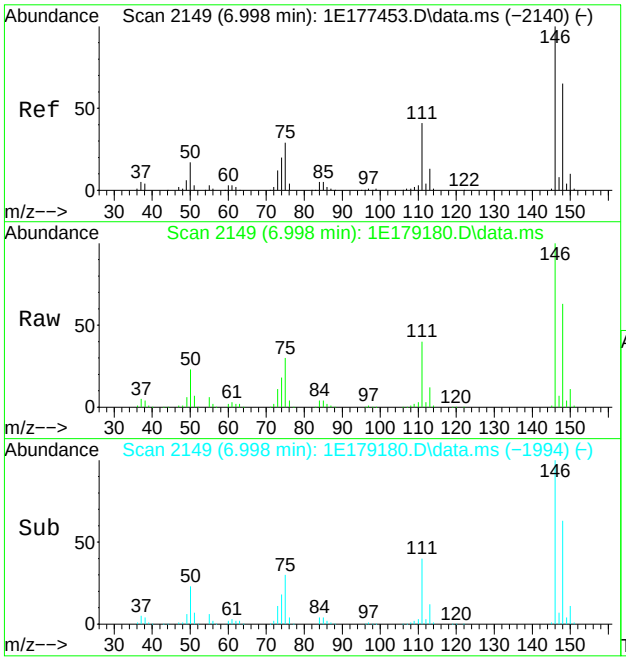


#107
sec-butylbenzene
Concen: 54.8563 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:105 Resp: 328958

Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	51.2
91	15.7	0.0	46.0

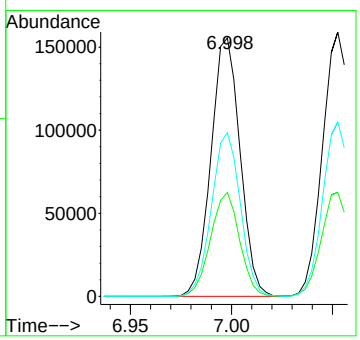


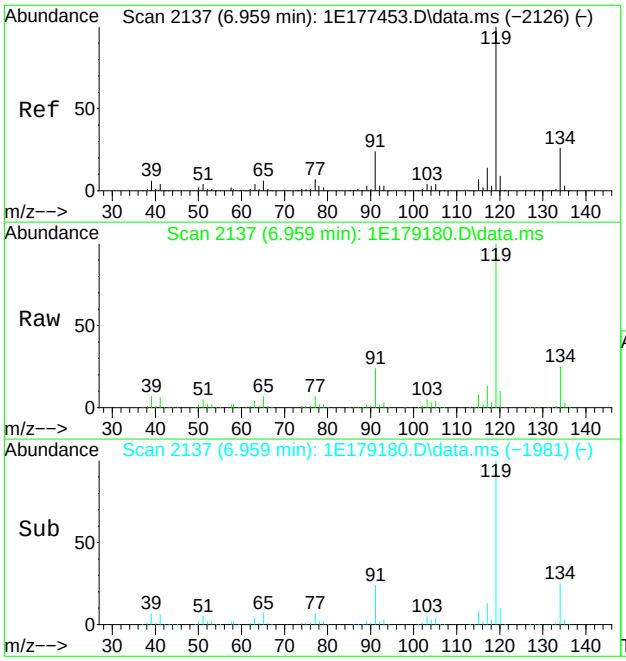


#108
1,3-dichlorobenzene
Concen: 52.8144 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:146 Resp: 155982

Ion	Ratio	Lower	Upper
146	100		
111	40.3	11.3	71.3
148	63.4	34.9	94.9

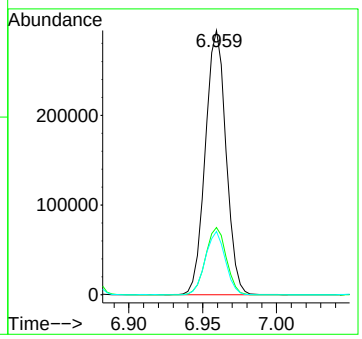


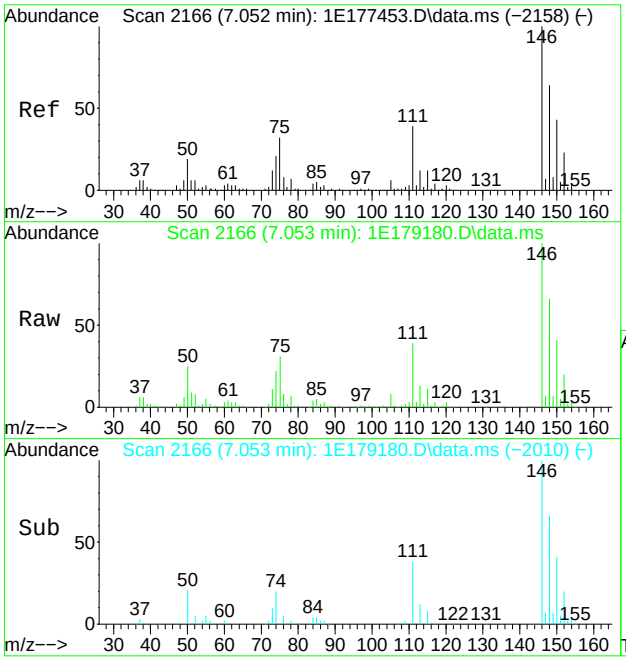


#109
p-isopropyltoluene
Concen: 55.8972 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:119 Resp: 285879

Ion	Ratio	Lower	Upper
119	100		
134	25.5	0.0	56.2
91	24.0	0.0	53.6

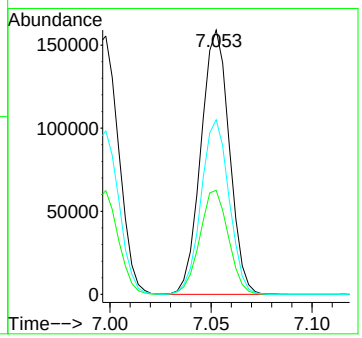


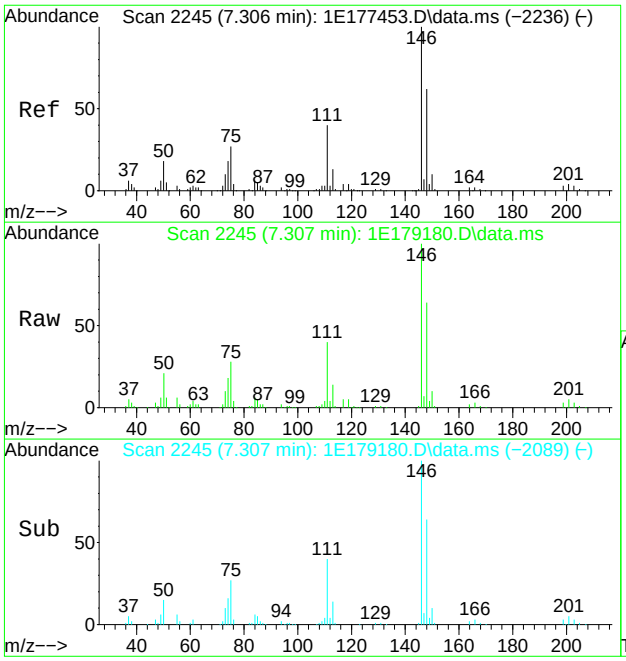


#110
1,4-dichlorobenzene
Concen: 49.6026 ug/L
RT: 7.053 min Scan# 2166
Delta R.T. 0.001 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:146 Resp: 156043

Ion	Ratio	Lower	Upper
146	100		
111	39.3	9.4	69.4
148	66.1	34.4	94.4

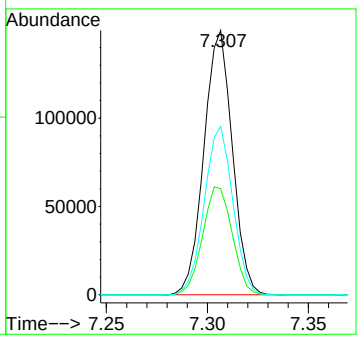


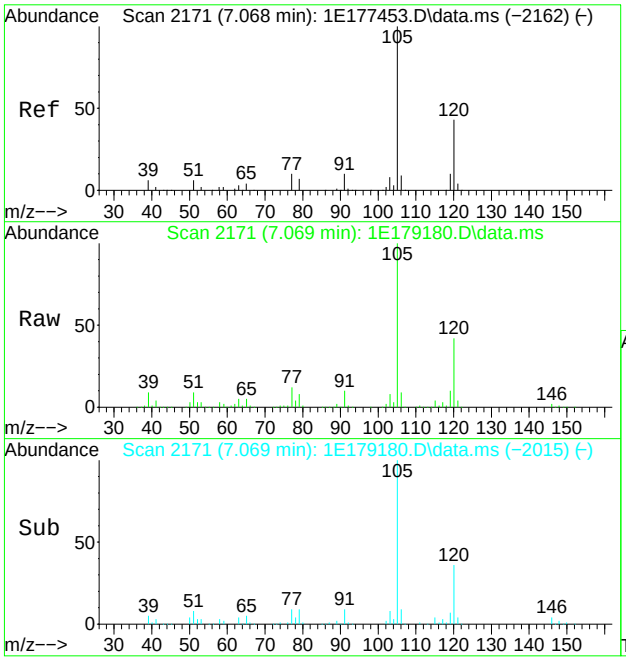


#111
1,2-dichlorobenzene
Concen: 49.7123 ug/L
RT: 7.307 min Scan# 2245
Delta R.T. 0.001 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:146 Resp: 146199

Ion	Ratio	Lower	Upper
146	100		
111	40.1	10.1	70.1
148	63.7	31.9	91.9

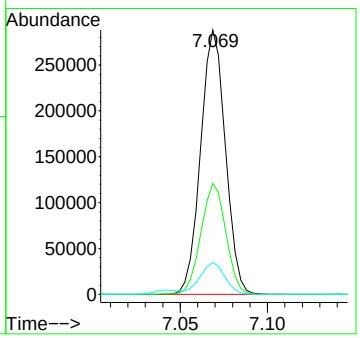


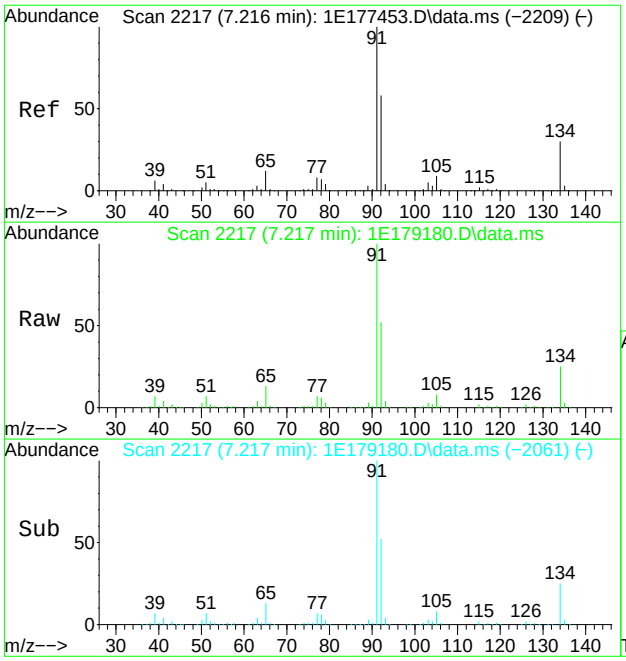


#112
1,2,3-trimethylbenzene
Concen: 54.0913 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.001 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:105 Resp: 284753

Ion	Ratio	Lower	Upper
105	100		
120	41.9	13.3	73.3
77	12.0	0.0	41.9

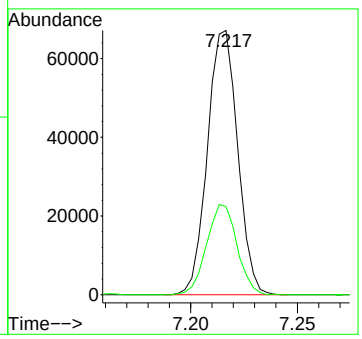


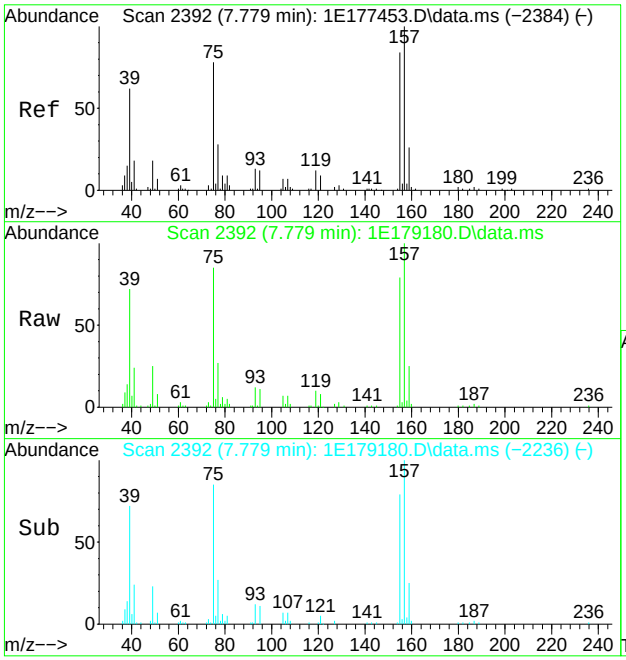


#113
n-butylbenzene
Concen: 54.1685 ug/L
RT: 7.217 min Scan# 2217
Delta R.T. 0.001 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:134 Resp: 66387

Ion	Ratio	Lower	Upper
134	100		
105	33.4	0.7	60.7

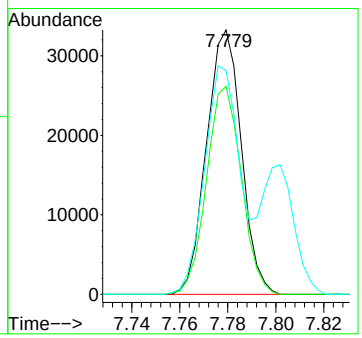


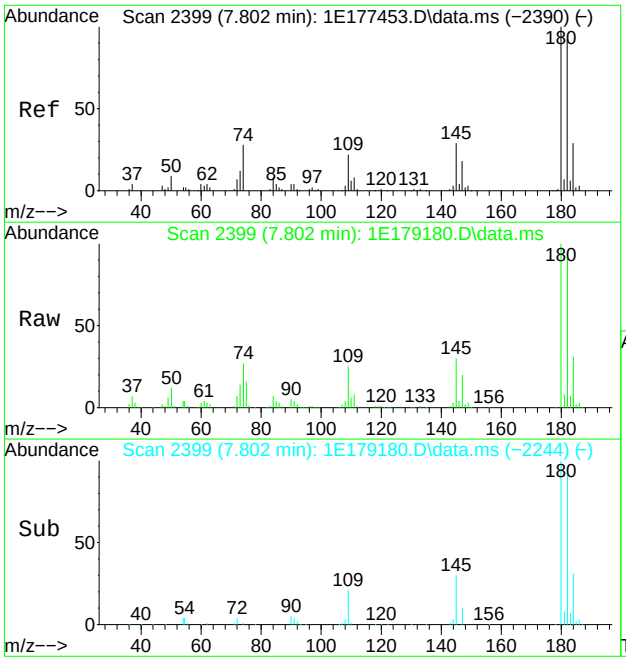


#114
1,2-dibromo-3-chloropropane
Concen: 52.0663 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:157 Resp: 33450

Ion	Ratio	Lower	Upper
157	100		
155	78.7	54.1	114.1
75	84.7	48.2	108.2

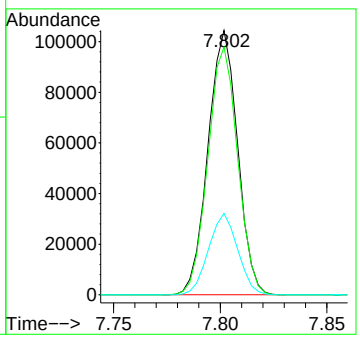


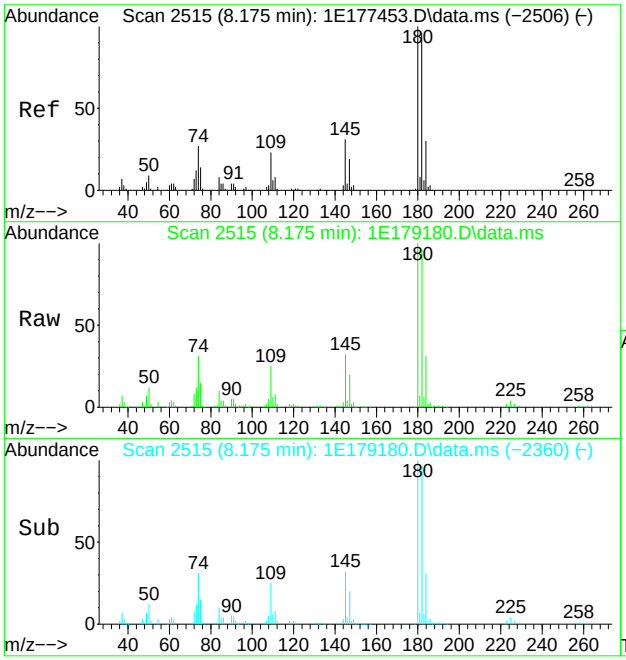


#115
1,3,5-trichlorobenzene
Concen: 50.0812 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:180 Resp: 100761

Ion	Ratio	Lower	Upper
180	100		
182	93.7	71.6	111.6
184	30.7	9.2	49.2

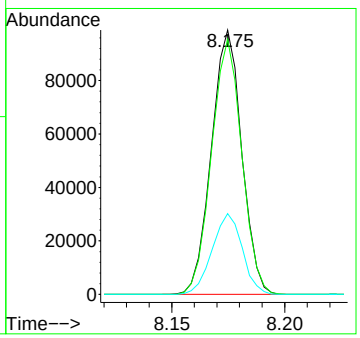


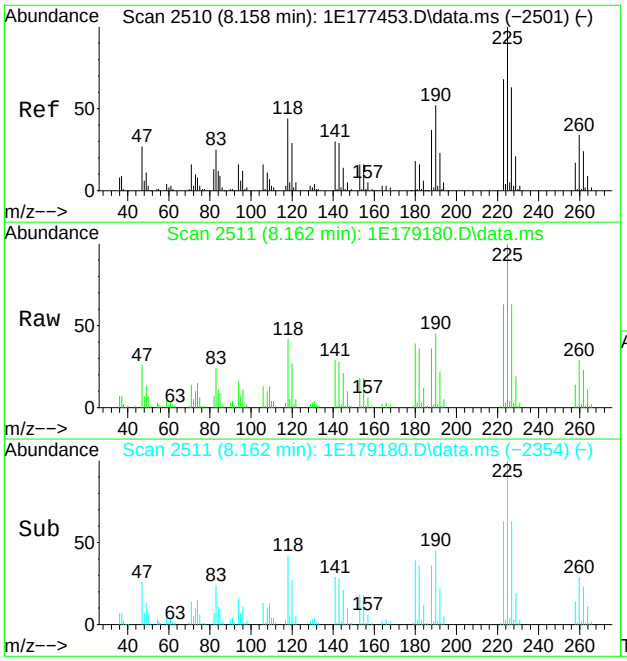


#116
1,2,4-trichlorobenzene
Concen: 48.4671 ug/L
RT: 8.175 min Scan# 2515
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:180 Resp: 91936

Ion	Ratio	Lower	Upper
180	100		
182	96.5	65.8	125.8
184	30.6	0.0	59.9

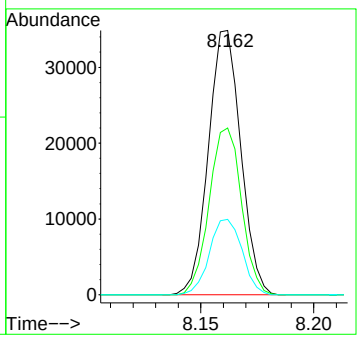


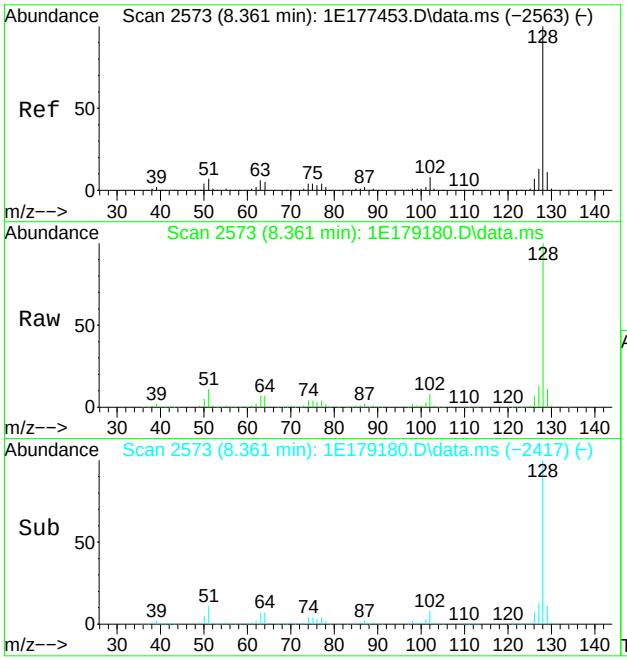


#117
hexachlorobutadiene
Concen: 50.9849 ug/L
RT: 8.162 min Scan# 2511
Delta R.T. 0.004 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:225 Resp: 34698

Ion	Ratio	Lower	Upper
225	100		
227	63.0	32.9	92.9
260	28.5	3.9	63.9

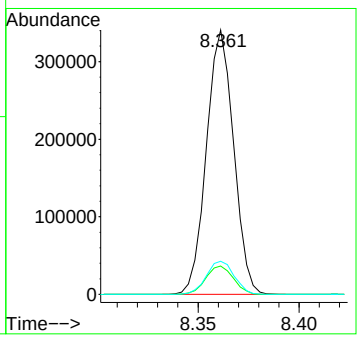


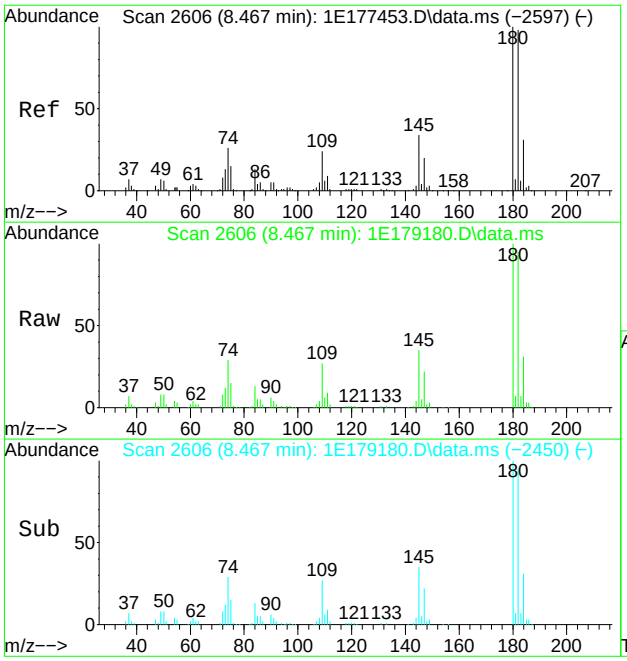


#118
naphthalene
Concen: 51.0934 ug/L
RT: 8.361 min Scan# 2573
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:128 Resp: 318878

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.8
127	12.5	0.0	42.7

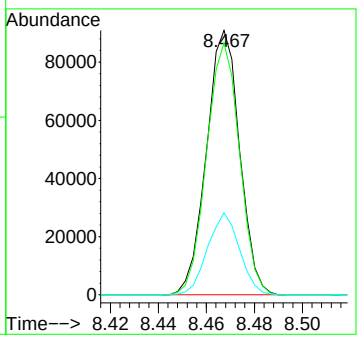


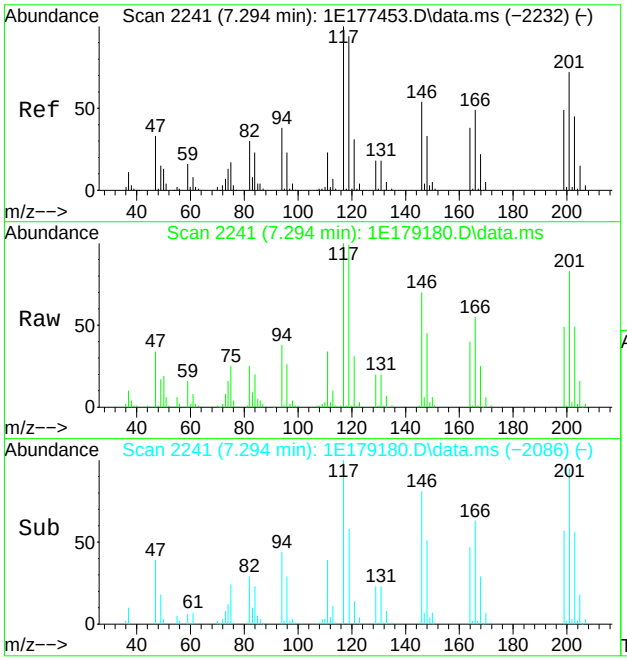


#119
1,2,3-trichlorobenzene
Concen: 48.4113 ug/L
RT: 8.467 min Scan# 2606
Delta R.T. 0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:180 Resp: 87110

Ion	Ratio	Lower	Upper
180	100		
182	95.3	67.6	127.6
184	30.9	1.0	61.0

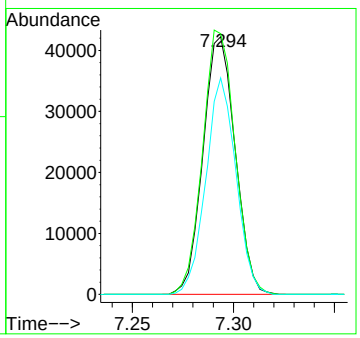


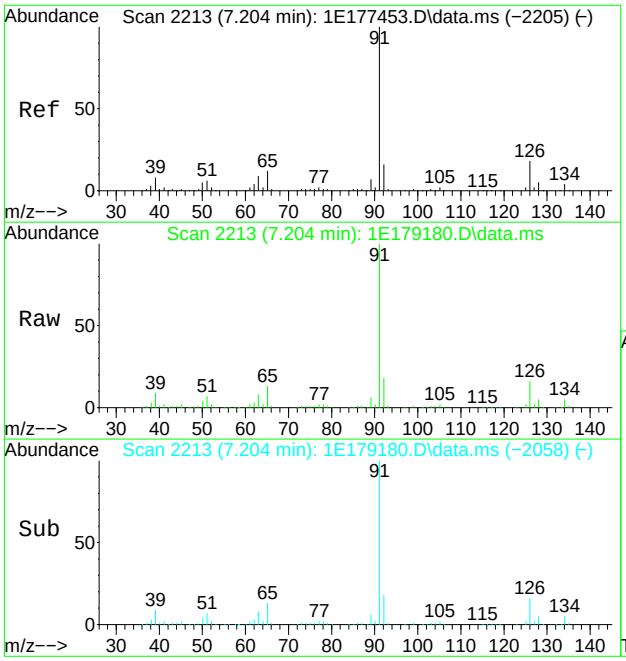


#120
hexachloroethane
Concen: 50.1132 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:119 Resp: 46708

Ion	Ratio	Lower	Upper
119	100		
117	101.3	75.9	135.9
201	84.0	46.7	106.7

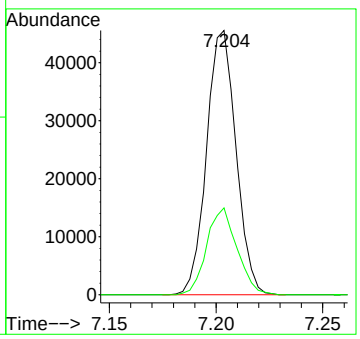


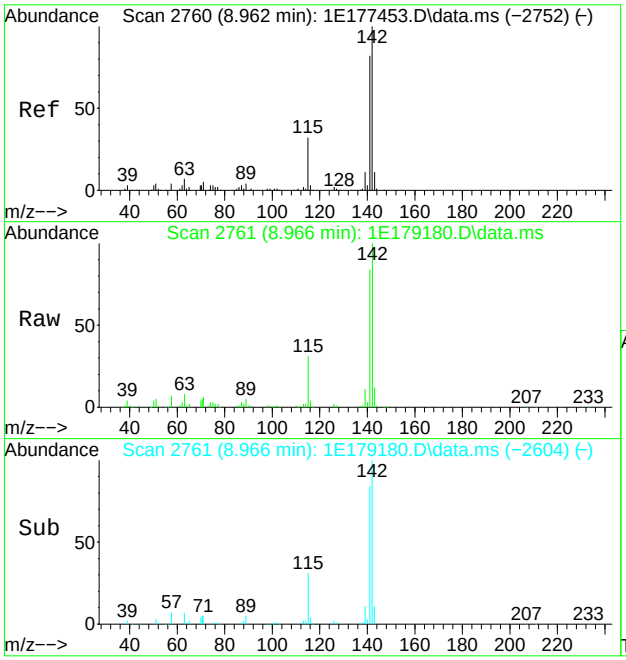


#121
benzyl chloride
Concen: 56.0994 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. -0.000 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:126 Resp: 43843

Ion	Ratio	Lower	Upper
126	100		
128	32.9	0.9	60.9

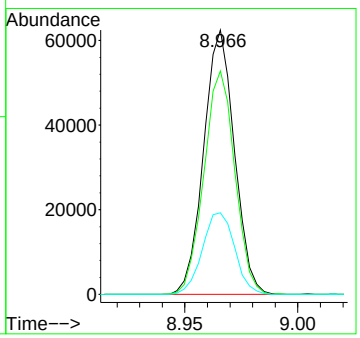




#122
2-methylnaphthalene
Concen: 21.6535 ug/L
RT: 8.966 min Scan# 2761
Delta R.T. 0.004 min
Lab File: 1E179180.D
Acq: 21 Dec 2023 09:57 am

Tgt Ion:142 Resp: 58890

Ion	Ratio	Lower	Upper
142	100		
141	84.5	52.4	112.4
115	30.8	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14378.d
Acq On : 20 Dec 2023 6:01 pm
Operator : louied
Sample : jd78872-5ms Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 21 01:57:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	507288	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	579699	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	1140920	50.00	ug/L		0.00
72) chlorobenzene-d5	5.063	117	956403	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	470499	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	579699	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	470499	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	316182	53.93	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 107.86%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	353453	48.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 96.00%				
73) toluene-d8 (s)	4.062	98	1285463	48.99	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.98%				
97) 4-bromofluorobenzene (s)	5.928	95	450428	48.53	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.06%				
Target Compounds							Qvalue
2) ethanol	1.676	45	493188	4166.8244	ug/L		97
3) tertiary butyl alcohol	2.090	59	295258	223.6337	ug/L		91
4) 1,4-dioxane	3.689	88	123411	1204.2102	ug/L		87
6) chlorodifluoromethane	1.120	51	326292	43.8400	ug/L		95
7) dichlorodifluoromethane	1.094	85	262118	56.6356	ug/L		99
8) chloromethane	1.199	50	222881	43.8162	ug/L		97
9) vinyl chloride	1.230	62	307300	52.4798	ug/L		98
10) 1,3-butadiene	1.236	39	341917	56.4573	ug/L		91
11) bromomethane	1.377	96	100898	96.1817	ug/L	#	97
12) chloroethane	1.435	64	224300	69.3150	ug/L		98
13) trichlorofluoromethane	1.492	101	454474	70.2726	ug/L		99
14) ethyl ether	1.618	74	158400	57.4844	ug/L		88
15) acrolein	1.859	56	69569	50.6654	ug/L		98
16) freon 113	1.728	151	170376	47.9449	ug/L		95
17) 1,1-dichloroethene	1.718	61	347459	48.9170	ug/L		97
18) acetone	1.980	58	158570	138.9615	ug/L		99
19) acetonitrile	2.195	41	526143	555.7942	ug/L		97
20) iodomethane	1.797	142	155975	45.9920	ug/L		95
21) carbon disulfide	1.755	76	599634	44.6897	ug/L		98
22) methylene chloride	1.975	84	235365	45.9593	ug/L		93
23) methyl acetate	2.027	74	62945	48.3806	ug/L		93
24) methyl tert butyl ether	2.074	73	720779	47.9329	ug/L		89
25) trans-1,2-dichloroethene	2.038	96	223705	46.7143	ug/L		98
26) hexane	2.069	57	584695	45.8547	ug/L		98
27) di-isopropyl ether	2.232	45	851133	52.3350	ug/L		98
28) ethyl tert-butyl ether	2.400	59	828485	48.7359	ug/L		99
29) 2-butanone	2.819	72	219044	175.5348	ug/L		100
30) 1,1-dichloroethane	2.316	63	442449	46.6625	ug/L		97
31) chloroprene	2.305	53	410993	45.6518	ug/L		96
32) acrylonitrile	2.331	52	124321	47.9724	ug/L		99
33) vinyl acetate	2.405	86	68789	58.5431	ug/L	#	94
34) ethyl acetate	2.714	70	39381	48.8165	ug/L		99
35) 2,2-dichloropropane	2.614	77	347078	45.4299	ug/L		99
36) cis-1,2-dichloroethene	2.562	96	2435840	453.4186	ug/L		96
37) propionitrile	2.976	54	684833	437.1316	ug/L		98
38) methyl acrylate	2.730	85	64202	47.1104	ug/L	#	87
39) bromochloromethane	2.662	128	125120	52.7657	ug/L	#	85
40) tetrahydrofuran	2.761	71	50422	44.5027	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14378.d
Acq On : 20 Dec 2023 6:01 pm
Operator : louied
Sample : jd78872-5ms Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 21 01:57:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	130159	42.5638	ug/L		97
43) methacrylonitrile	2.987	67	143447	43.9067	ug/L		91
44) 1,1,1-trichloroethane	2.798	97	386875	49.6232	ug/L		97
45) cyclohexane	2.672	84	382440	44.4884	ug/L		98
46) 1,1-dichloropropene	2.856	75	335608	47.6313	ug/L		96
47) carbon tetrachloride	2.767	117	307976	45.2234	ug/L		97
48) isobutyl alcohol	3.018	43	449227	423.9905	ug/L		92
49) tert-amyl alcohol	3.092	55	130595	240.8348	ug/L	#	72
52) iso-octane	2.898	57	736788	42.1417	ug/L		89
53) benzene	2.976	78	984105	43.7625	ug/L		99
54) tert-amyl methyl ether	3.013	73	753594	43.9002	ug/L		99
55) heptane	2.940	57	149611	46.7448	ug/L		98
56) isopropyl acetate	3.165	87	82582	50.2560	ug/L		93
57) 1,2-dichloroethane	3.076	62	350565	43.4870	ug/L		99
58) n-butyl alcohol	3.401	56	765826	1759.1239	ug/L		98
59) ethyl acrylate	3.537	55	433111	42.7566	ug/L		98
60) trichloroethene	3.275	130	523144	92.1845	ug/L		96
61) 2-nitropropane	4.224	41	82773	29.1204	ug/L		98
62) 2-chloroethyl vinyl ether	3.894	63	693589	214.6710	ug/L		99
63) methyl methacrylate	3.653	100	86338	47.2423	ug/L		99
64) 1,2-dichloropropane	3.558	63	256671	44.3346	ug/L		97
65) methylcyclohexane	3.280	98	203018	46.2661	ug/L	#	95
66) dibromomethane	3.506	93	154837	46.8293	ug/L		98
67) bromodichloromethane	3.584	83	305936	43.6170	ug/L		98
68) epichlorohydrin	4.088	57	234428	199.7267	ug/L		96
69) cis-1,3-dichloropropene	3.946	75	394374	44.3966	ug/L		97
70) 4-methyl-2-pentanone	4.308	58	596457	180.9174	ug/L		98
71) 3-methyl-1-butanol	4.166	70	257466	733.9079	ug/L		93
74) toluene	4.093	92	612379	44.4954	ug/L		100
75) ethyl methacrylate	4.429	69	340366	43.7439	ug/L		94
76) trans-1,3-dichloropropene	4.339	75	373378	44.5369	ug/L		96
77) 1,1,2-trichloroethane	4.444	83	182295	45.1978	ug/L		93
78) tetrachloroethene	4.339	166	251430	45.2032	ug/L		99
79) 2-hexanone	4.848	58	643009	171.6000	ug/L		99
80) 1,3-dichloropropane	4.623	76	401020	45.2289	ug/L		99
81) butyl acetate	4.785	56	221628	43.7847	ug/L		97
82) dibromochloromethane	4.565	129	246023	50.0132	ug/L		97
83) 1,2-dibromoethane	4.722	107	243740	47.7086	ug/L		98
84) n-butyl ether	4.995	57	1126581	42.4130	ug/L		99
85) chlorobenzene	5.073	112	677232	46.4155	ug/L		95
86) 1,1,1,2-tetrachloroethane	5.115	131	230593	47.8860	ug/L		99
87) ethylbenzene	5.089	91	1166533	42.5196	ug/L		93
88) m,p-xylene	5.189	106	944865	92.3668	ug/L		94
89) o-xylene	5.493	106	461016	47.4090	ug/L		92
90) styrene	5.530	104	750486	46.8618	ug/L		99
91) bromoform	5.551	173	150907	43.5687	ug/L		95
92) butyl acrylate	5.614	55	568716	42.4062	ug/L		99
93) isopropylbenzene	5.718	105	1089764	46.9319	ug/L		98
94) n-amyl acetate	5.808	70	214432	44.4592	ug/L		90
95) cis-1,4-dichloro-2-butene	5.970	88	69218	24.0159	ug/L		95
98) bromobenzene	6.007	156	271420	44.6987	ug/L		96
99) 1,1,2,2-tetrachloroethane	6.075	83	322791	46.5045	ug/L		97
100) trans-1,4-dichloro-2-b...	6.211	53	75583	26.6934	ug/L		90
101) 1,2,3-trichloropropane	6.180	110	114561	49.4704	ug/L		95
102) n-propylbenzene	6.028	91	1305658	44.6847	ug/L		98
103) 2-chlorotoluene	6.148	126	276611	48.6515	ug/L		87
104) 4-chlorotoluene	6.269	91	813055	43.9277	ug/L		98
105) 1,3,5-trimethylbenzene	6.180	105	945095	47.2663	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14378.d
Acq On : 20 Dec 2023 6:01 pm
Operator : louied
Sample : jd78872-5ms Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 21 01:57:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

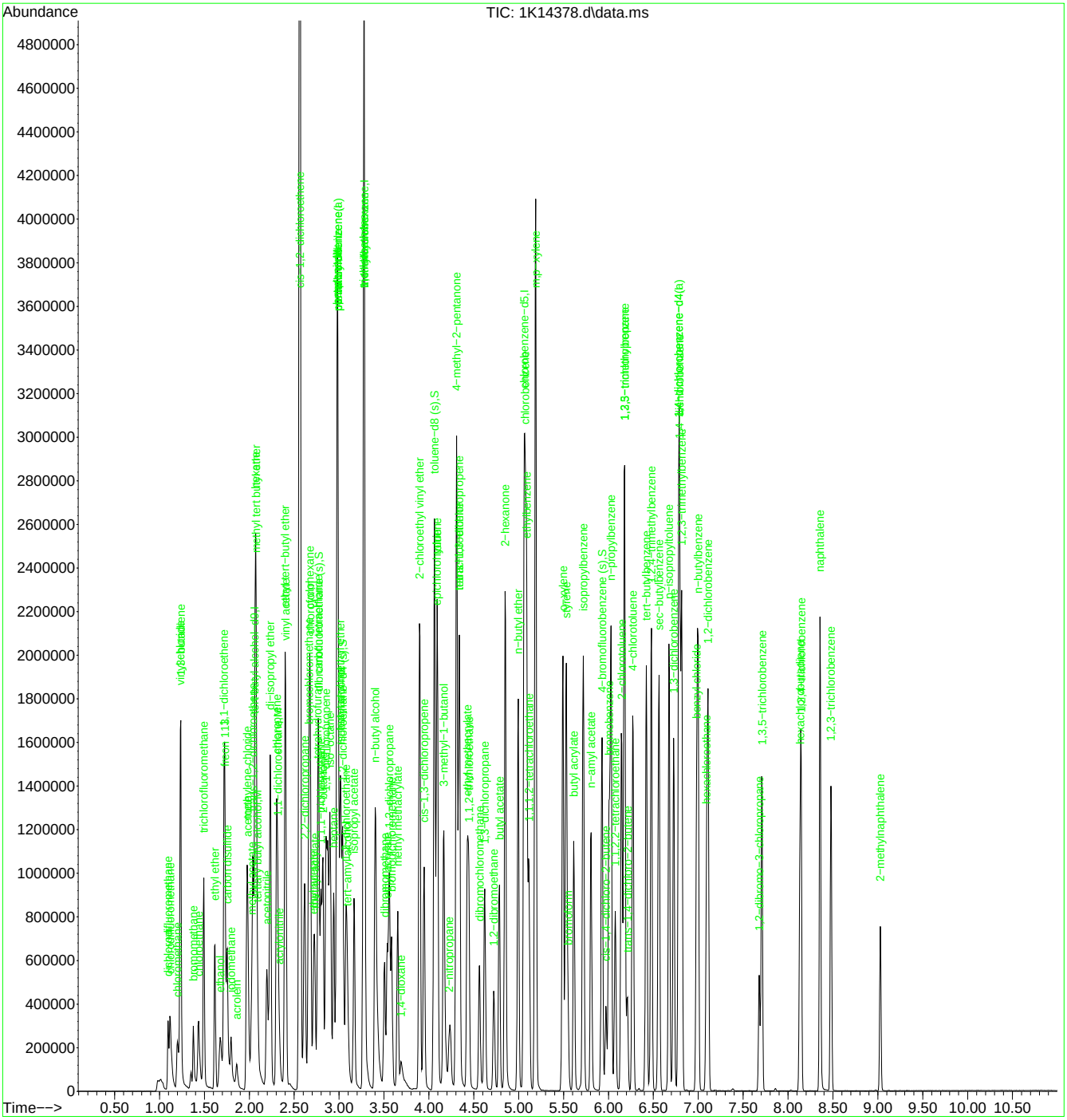
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	802146	47.8486	ug/L	95
107) 1,2,4-trimethylbenzene	6.479	105	971591	46.7533	ug/L	98
108) sec-butylbenzene	6.563	105	1117444	47.2040	ug/L	97
109) 1,3-dichlorobenzene	6.725	146	543945	46.1773	ug/L	99
110) p-isopropyltoluene	6.673	119	997351	49.7505	ug/L	97
111) 1,4-dichlorobenzene	6.793	146	544388	45.7582	ug/L	98
112) 1,2-dichlorobenzene	7.108	146	515933	46.2131	ug/L	98
113) 1,2,3-trimethylbenzene	6.814	105	985516	46.2050	ug/L	99
114) n-butylbenzene	6.998	92	503592	47.1232	ug/L	93
115) 1,2-dibromo-3-chloropr...	7.679	157	104955	45.6364	ug/L	95
116) 1,3,5-trichlorobenzene	7.711	180	329224	44.5903	ug/L	98
117) 1,2,4-trichlorobenzene	8.146	180	307506	46.0559	ug/L	97
118) hexachlorobutadiene	8.135	225	94458	40.5041	ug/L	98
119) naphthalene	8.356	128	1139647	48.8229	ug/L	100
120) 1,2,3-trichlorobenzene	8.476	180	289957	46.5272	ug/L	99
121) hexachloroethane	7.092	119	120352	42.7544	ug/L	95
122) benzyl chloride	6.982	126	138193	44.2059	ug/L	100
123) 2-methylnaphthalene	9.027	142	236575	24.7240	ug/L	99

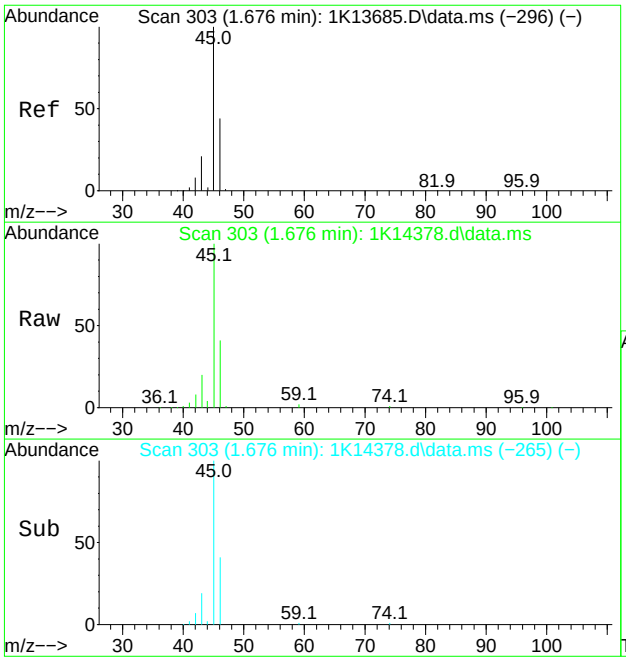
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14378.d
Acq On : 20 Dec 2023 6:01 pm
Operator : louied
Sample : jd78872-5ms Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 21 01:57:45 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

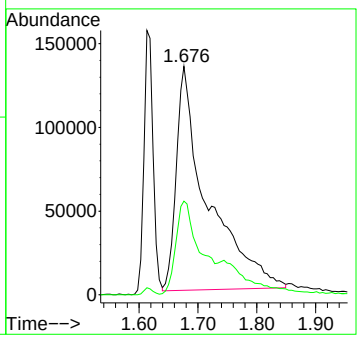


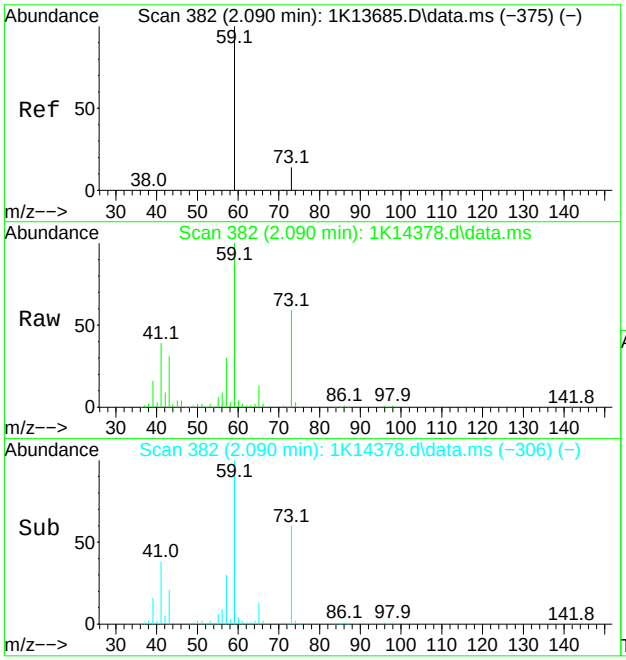


#2
ethanol
Concen: 4166.8244 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 45 Resp: 493188

Ion	Ratio	Lower	Upper
45	100		
46	41.8	23.9	63.9

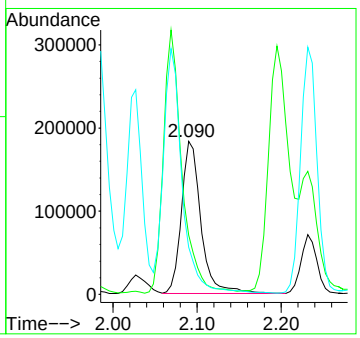


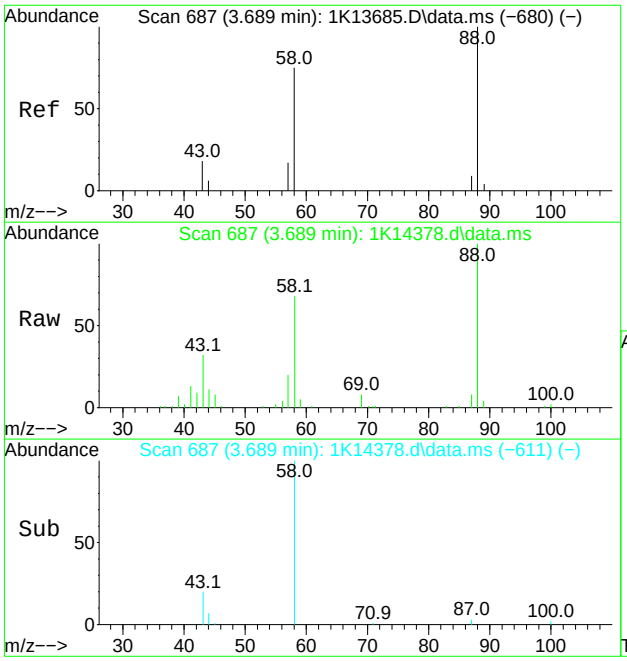


#3
tertiary butyl alcohol
Concen: 223.6337 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 59 Resp: 295258

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	29.3	0.0	54.8

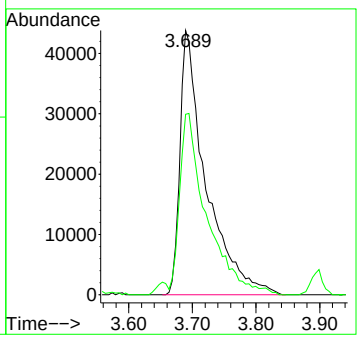


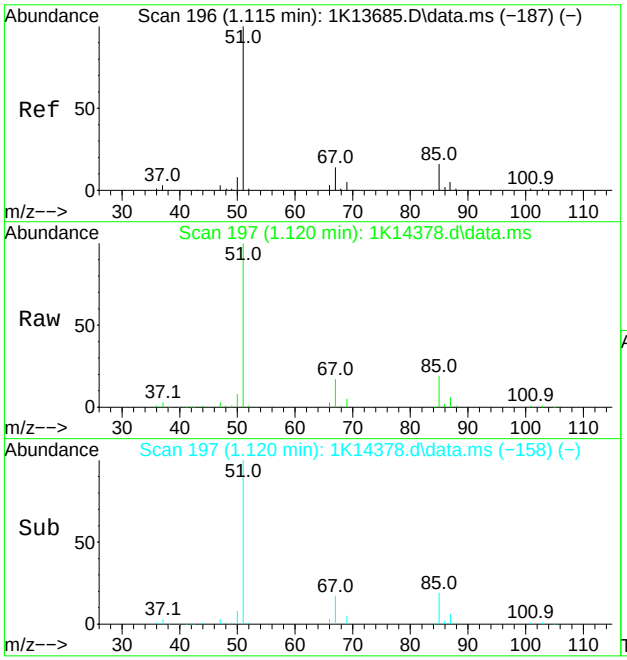


#4
1,4-dioxane
Concen: 1204.2102 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 88 Resp: 123411

Ion	Ratio	Lower	Upper
88	100		
58	68.2	59.5	99.5

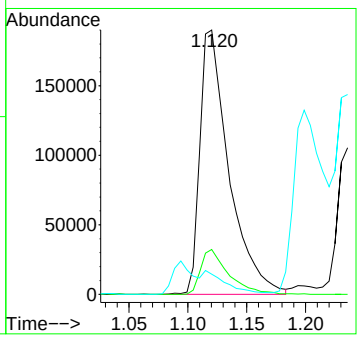


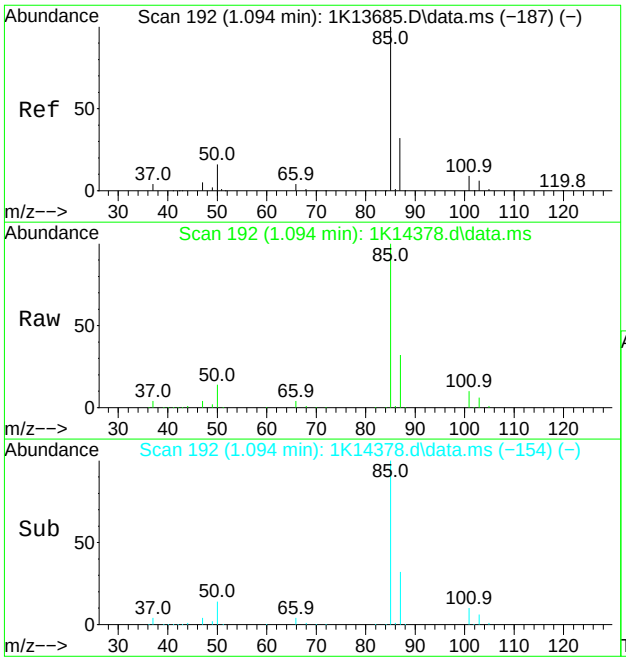


#6
chlorodifluoromethane
Concen: 43.8400 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 51 Resp: 326292

Ion	Ratio	Lower	Upper
51	100		
67	17.0	0.0	44.3
50	7.4	0.0	37.7

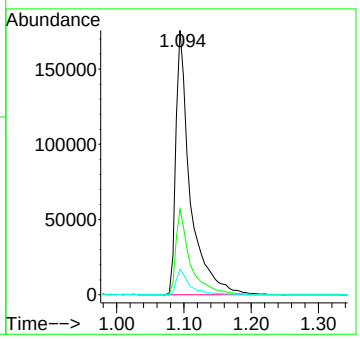


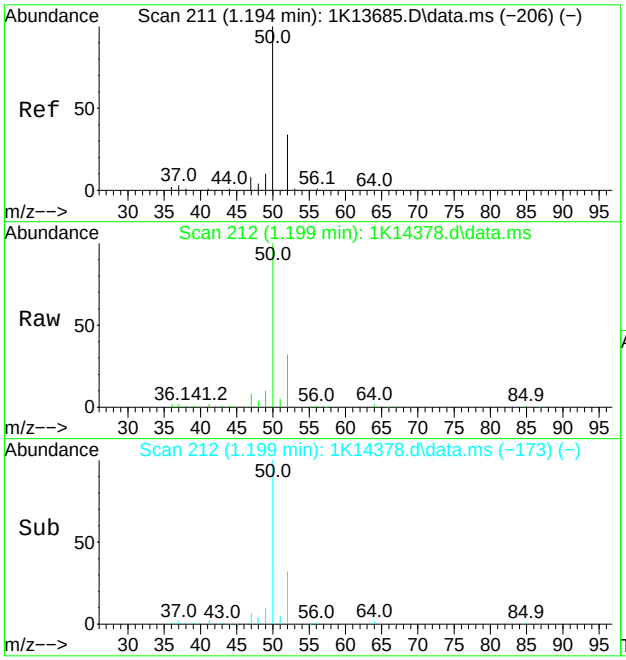


#7
dichlorodifluoromethane
Concen: 56.6356 ug/L
RT: 1.094 min Scan# 192
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 85 Resp: 262118

Ion	Ratio	Lower	Upper
85	100		
87	32.3	2.2	62.2
101	9.6	0.0	39.0

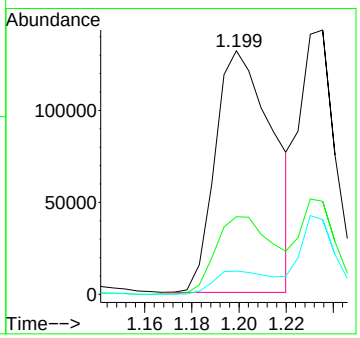


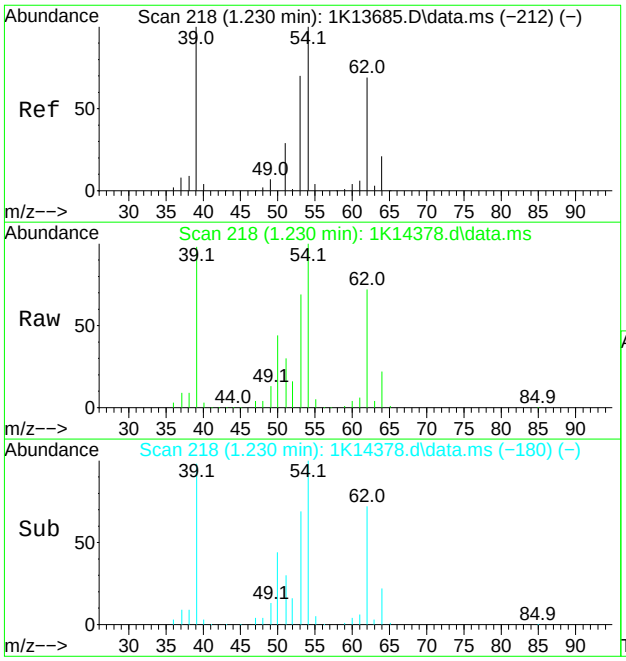


#8
chloromethane
Concen: 43.8162 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 50 Resp: 222881

Ion	Ratio	Lower	Upper
50	100		
52	32.0	3.6	63.6
49	9.7	0.0	40.4

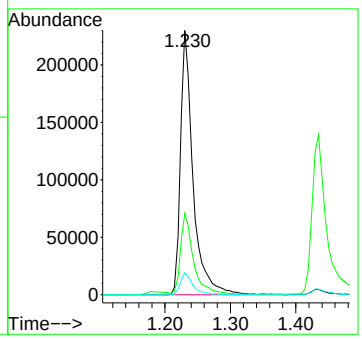


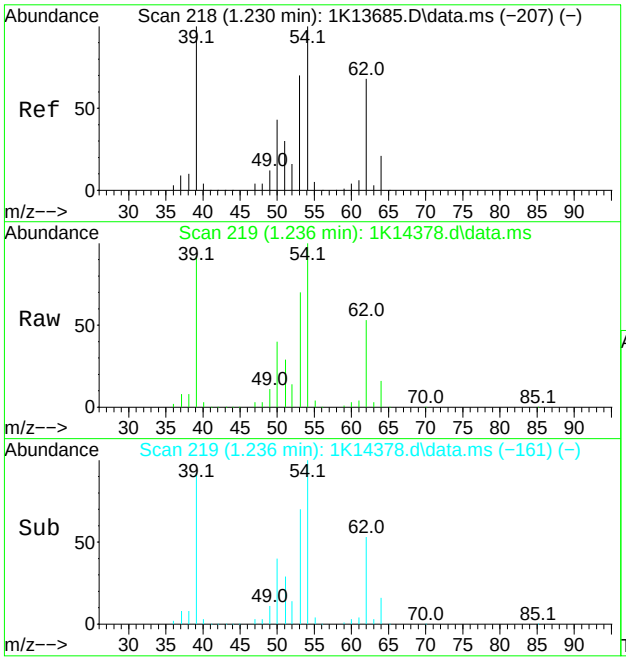


#9
vinyl chloride
Concen: 52.4798 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 62 Resp: 307300

Ion	Ratio	Lower	Upper
62	100		
64	30.5	1.3	61.3
61	8.4	0.0	39.1

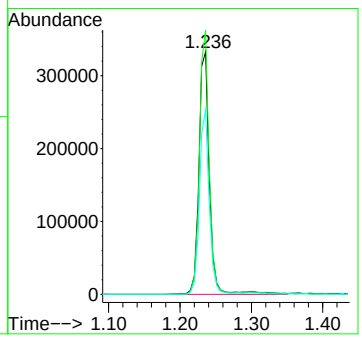


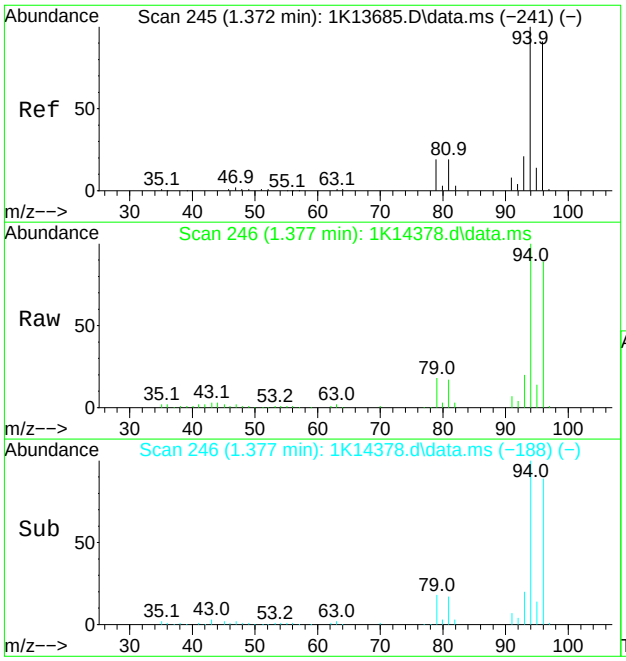


#10
1,3-butadiene
Concen: 56.4573 ug/L
RT: 1.236 min Scan# 219
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 39 Resp: 341917

Ion	Ratio	Lower	Upper
39	100		
54	109.2	69.8	129.8
53	76.0	40.1	100.1

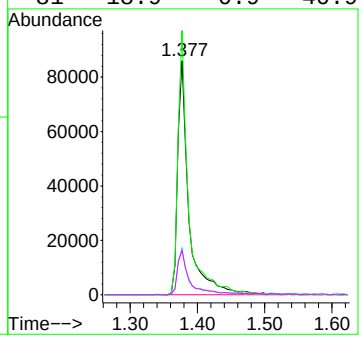


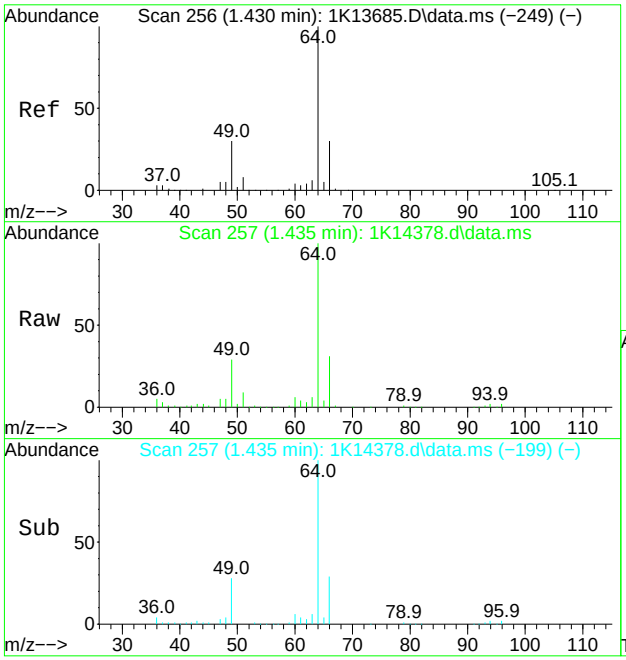


#11
bromomethane
Concen: 96.1817 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 96 Resp: 100898

Ion	Ratio	Lower	Upper
96	100		
94	112.9	79.4	139.4
79	20.0	20.3	20.3#
81	18.9	0.9	40.9

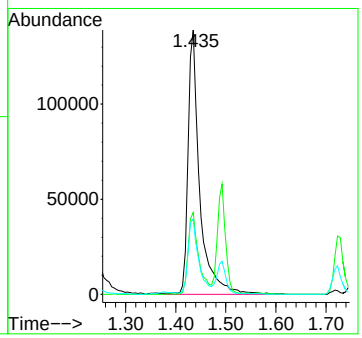


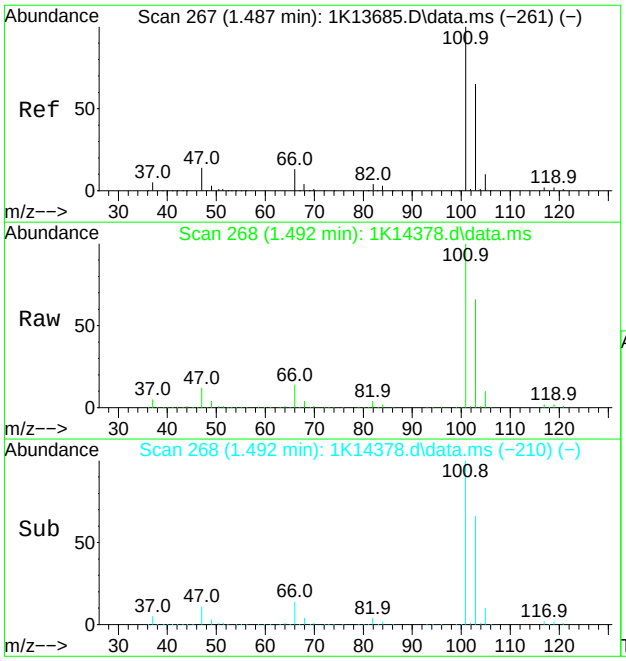


#12
chloroethane
Concen: 69.3150 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 64 Resp: 224300

Ion	Ratio	Lower	Upper
64	100		
66	31.0	0.2	60.2
49	28.5	0.3	60.3

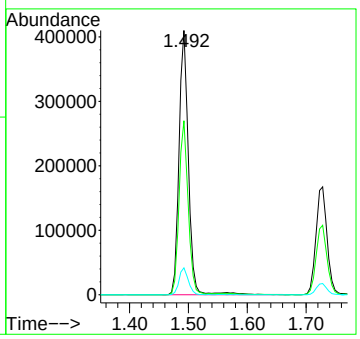


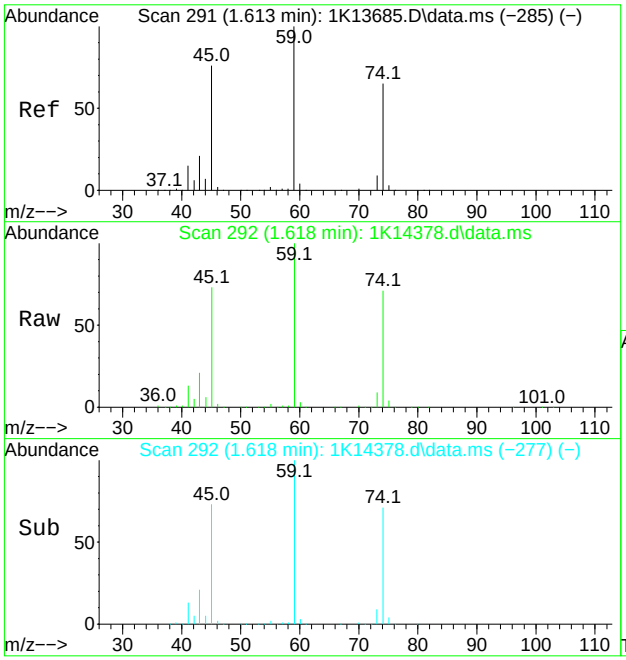


#13
trichlorofluoromethane
Concen: 70.2726 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:101 Resp: 454474

Ion	Ratio	Lower	Upper
101	100		
103	65.9	35.0	95.0
105	10.2	0.0	40.5

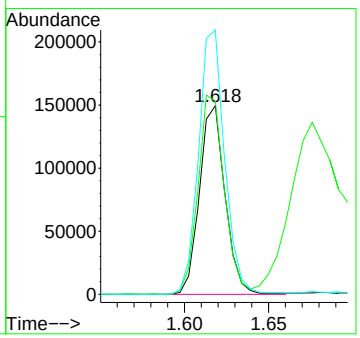


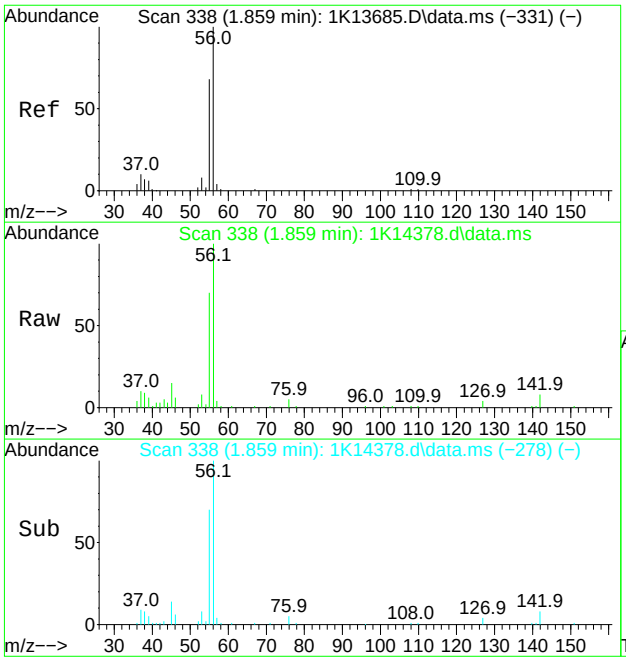


#14
ethyl ether
Concen: 57.4844 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 74 Resp: 158400

Ion	Ratio	Lower	Upper
74	100		
45	102.4	87.4	147.4
59	140.1	124.0	184.0

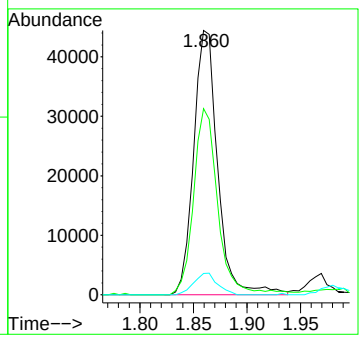


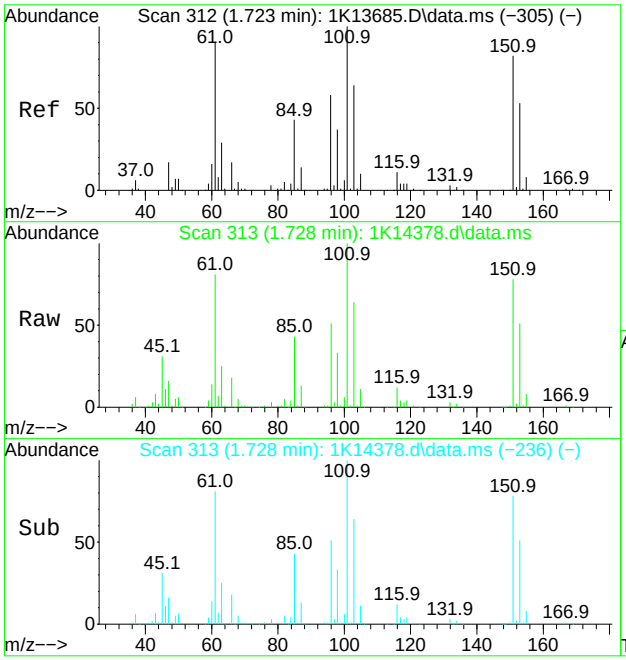


#15
acrolein
Concen: 50.6654 ug/L
RT: 1.859 min Scan# 338
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 56 Resp: 69569

Ion	Ratio	Lower	Upper
56	100		
55	70.4	38.3	98.3
53	8.1	0.0	38.3

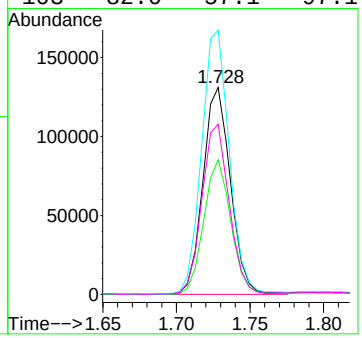


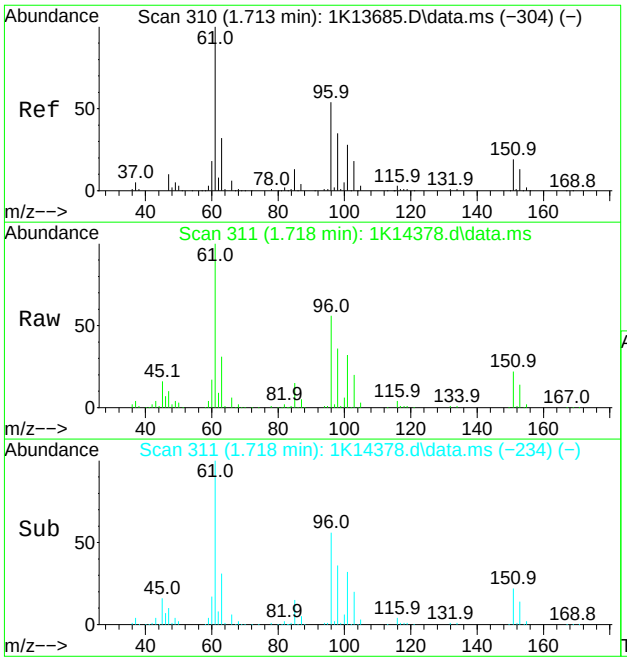


#16
freon 113
Concen: 47.9449 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:151 Resp: 170376

Ion	Ratio	Lower	Upper
151	100		
153	65.0	44.1	84.1
101	127.8	101.5	141.5
103	82.0	57.1	97.1

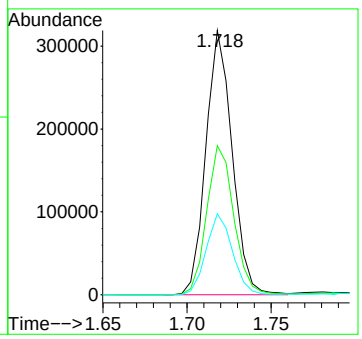


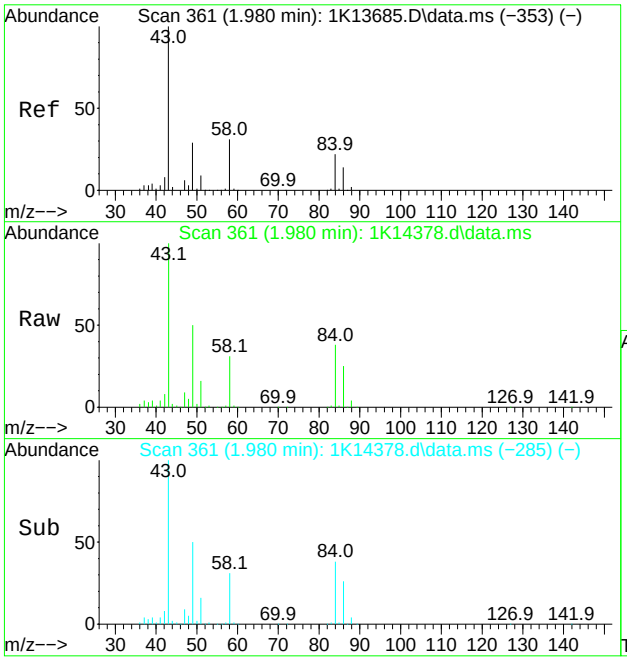


#17
1,1-dichloroethene
Concen: 48.9170 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 61 Resp: 347459

Ion	Ratio	Lower	Upper
61	100		
96	56.4	24.4	84.4
63	30.7	2.1	62.1

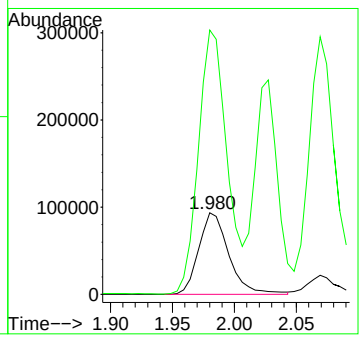


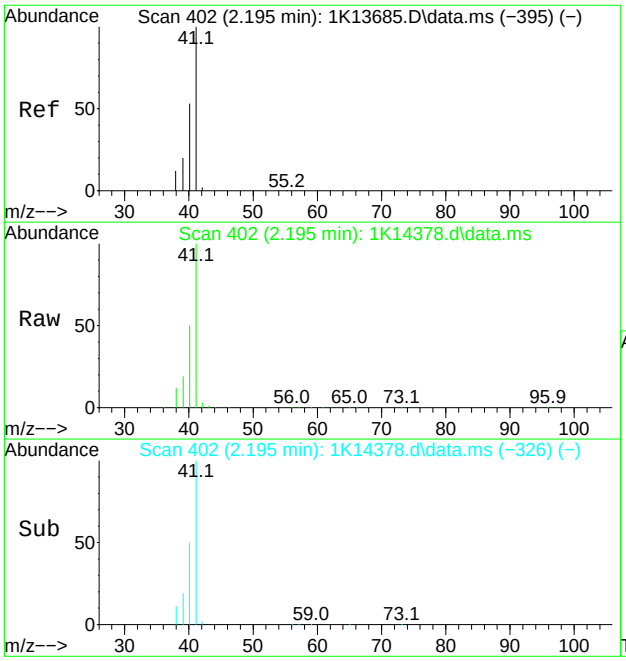


#18
acetone
Concen: 138.9615 ug/L
RT: 1.980 min Scan# 361
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 58 Resp: 158570

Ion	Ratio	Lower	Upper
58	100		
43	323.6	295.2	355.2

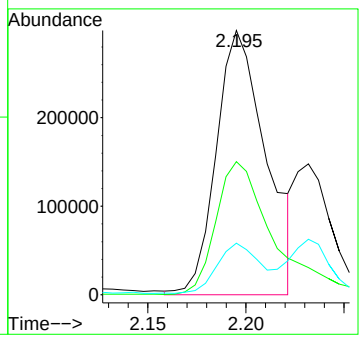


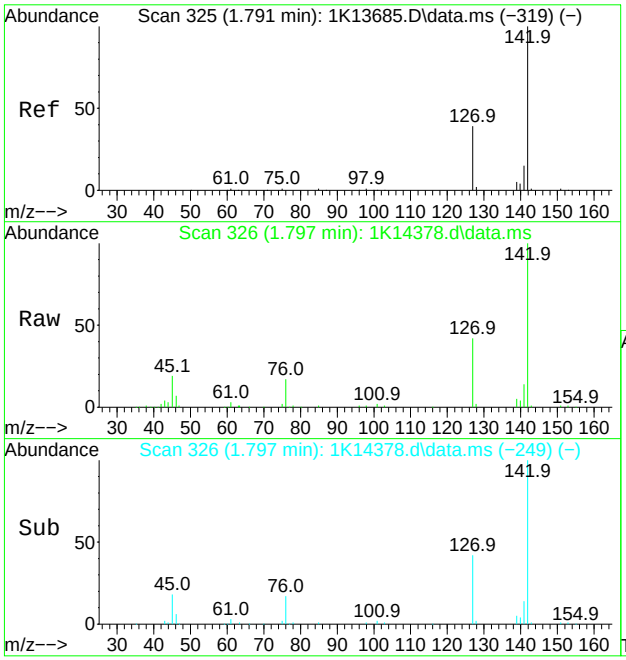


#19
acetonitrile
Concen: 555.7942 ug/L
RT: 2.195 min Scan# 402
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 41 Resp: 526143

Ion	Ratio	Lower	Upper
41	100		
40	50.9	23.4	83.4
39	19.1	0.0	50.4

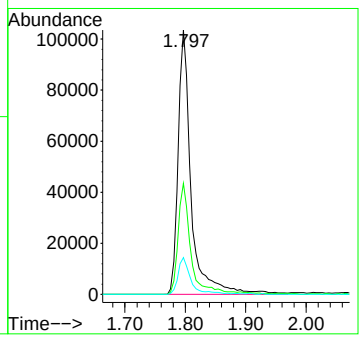


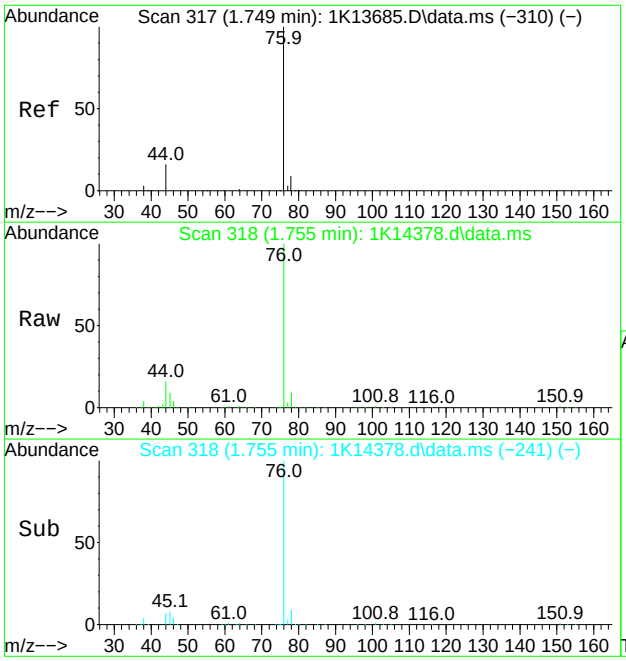


#20
iodomethane
Concen: 45.9920 ug/L
RT: 1.797 min Scan# 326
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:142 Resp: 155975

Ion	Ratio	Lower	Upper
142	100		
127	41.9	8.7	68.7
141	13.9	0.0	44.9

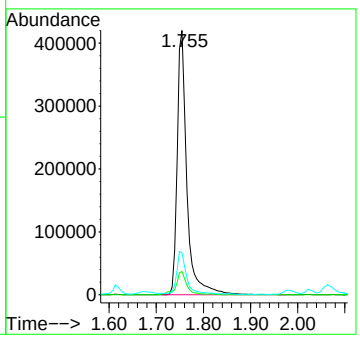


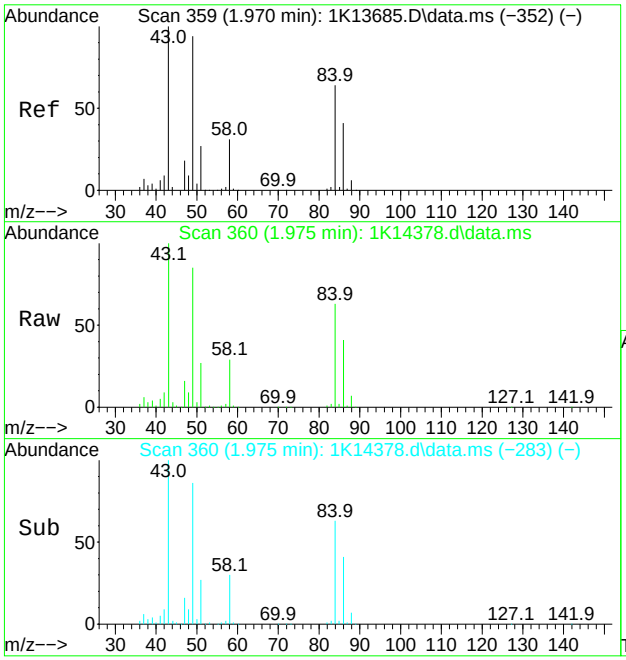


#21
carbon disulfide
Concen: 44.6897 ug/L
RT: 1.755 min Scan# 318
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 76 Resp: 599634

Ion	Ratio	Lower	Upper
76	100		
78	8.9	0.0	39.2
44	15.4	0.0	46.4

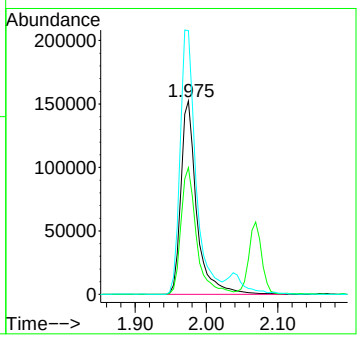


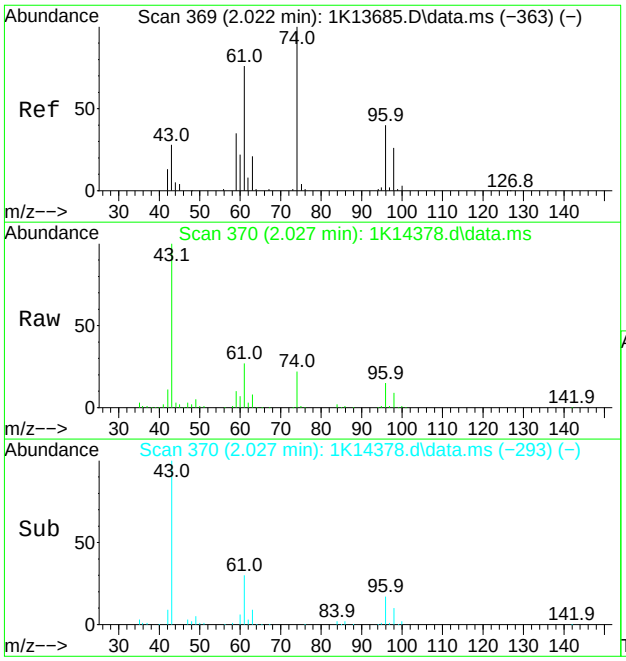


#22
methylene chloride
Concen: 45.9593 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 84 Resp: 235365

Ion	Ratio	Lower	Upper
84	100		
86	65.5	33.4	93.4
49	136.3	117.1	177.1

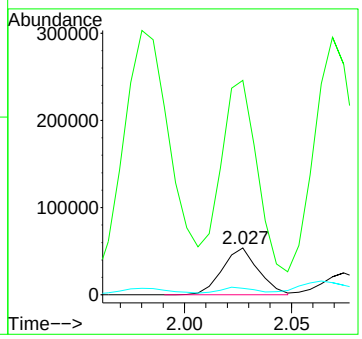


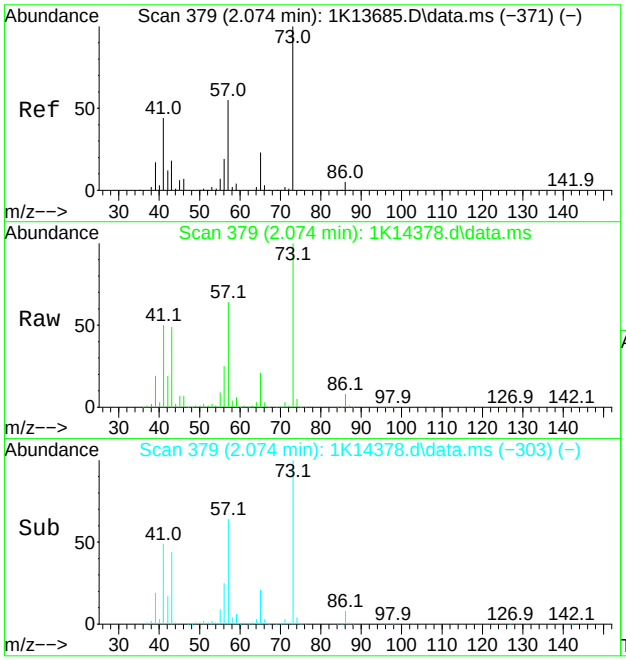


#23
methyl acetate
Concen: 48.3806 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 74 Resp: 62945

Ion	Ratio	Lower	Upper
74	100		
43	409.6	397.4	457.4
44	4.6	0.0	35.1

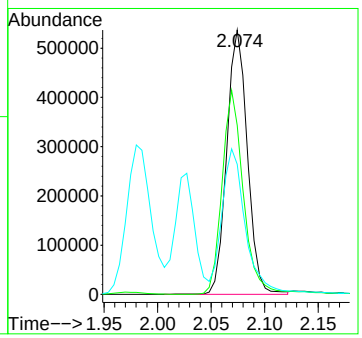


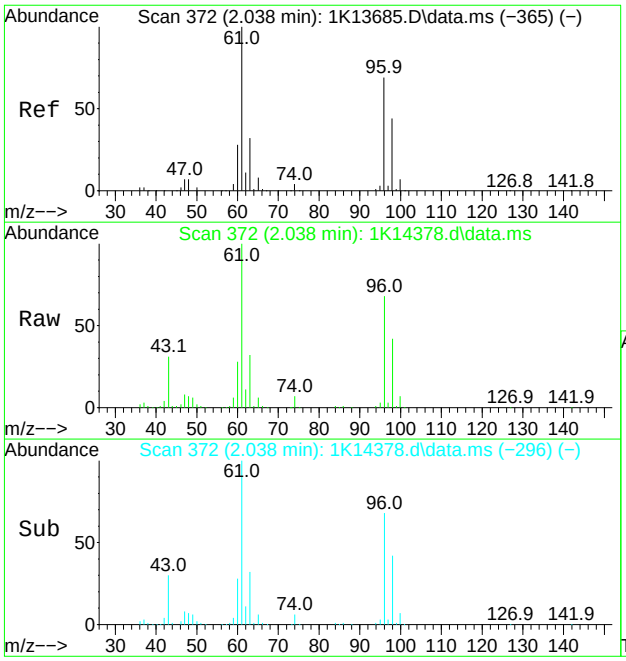


#24
methyl tert butyl ether
Concen: 47.9329 ug/L
RT: 2.074 min Scan# 379
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 73 Resp: 720779

Ion	Ratio	Lower	Upper
73	100		
57	63.8	25.1	85.1
43	47.9	12.1	72.1

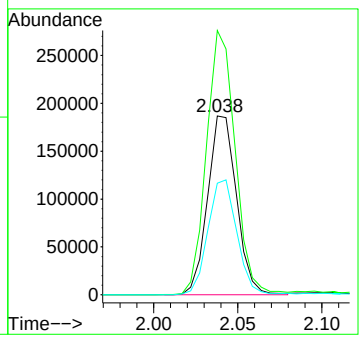


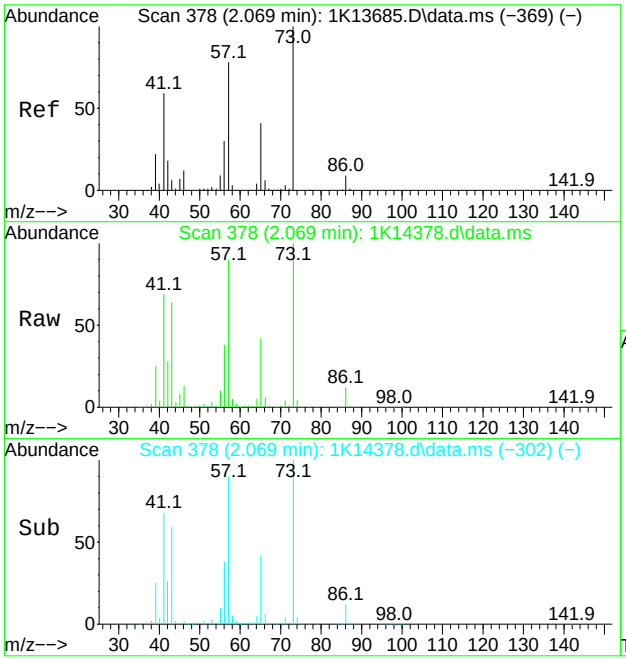


#25
trans-1,2-dichloroethene
Concen: 46.7143 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 96 Resp: 223705

Ion	Ratio	Lower	Upper
96	100		
61	147.8	115.9	175.9
98	62.5	34.7	94.7

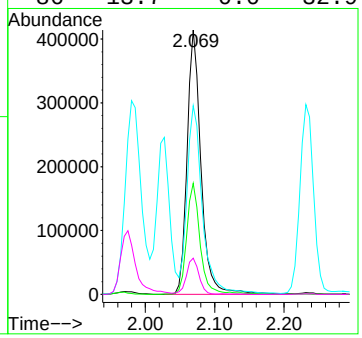


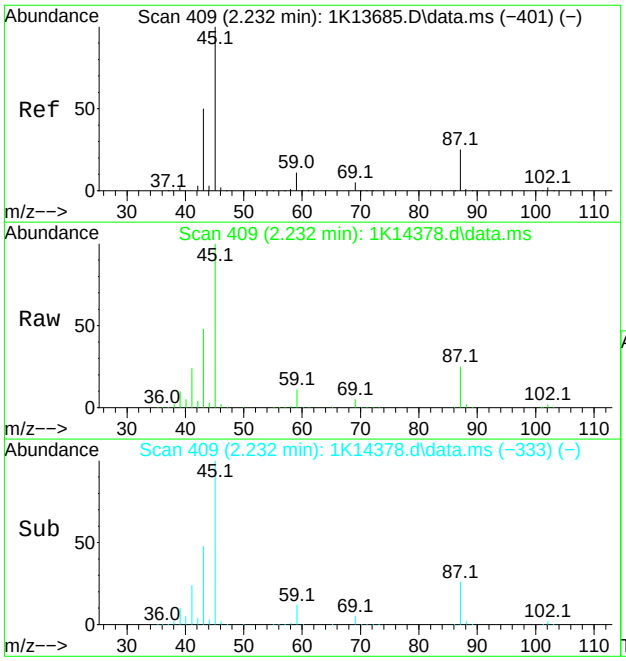


#26
hexane
Concen: 45.8547 ug/L
RT: 2.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 57 Resp: 584695

Ion	Ratio	Lower	Upper
57	100		
56	41.9	18.5	58.5
43	70.6	50.7	90.7
86	13.7	0.0	32.9

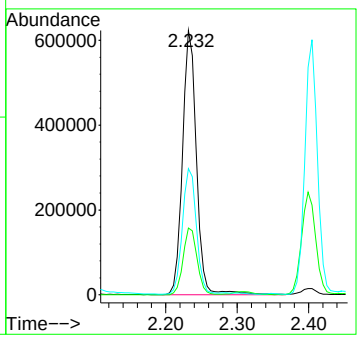


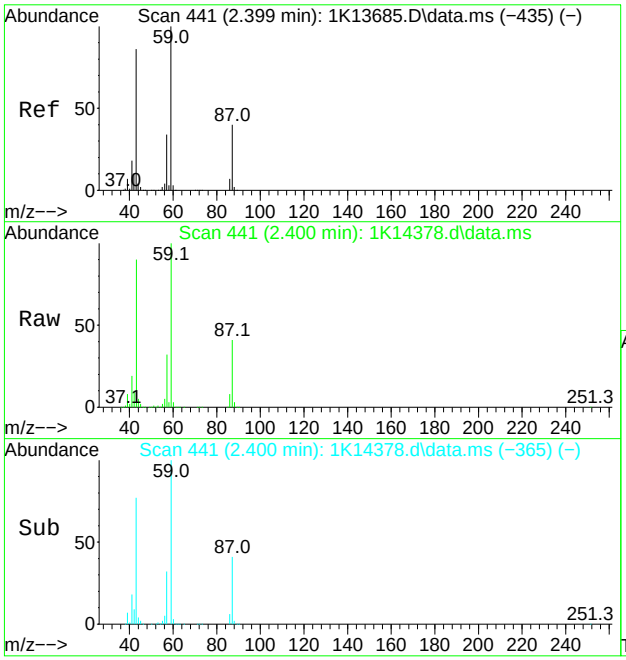


#27
di-isopropyl ether
Concen: 52.3350 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 45 Resp: 851133

Ion	Ratio	Lower	Upper
45	100		
87	25.3	0.0	55.4
43	47.4	19.8	79.8

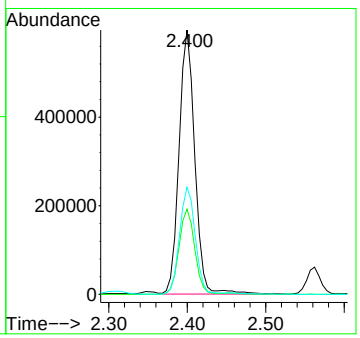


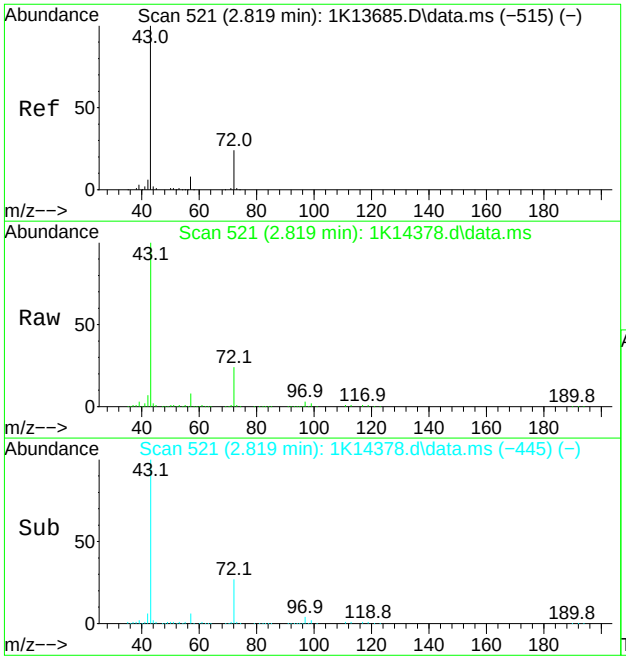


#28
ethyl tert-butyl ether
Concen: 48.7359 ug/L
RT: 2.400 min Scan# 441
Delta R.T. 0.001 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 59 Resp: 828485

Ion	Ratio	Lower	Upper
59	100		
57	32.2	3.4	63.4
87	40.5	9.9	69.9

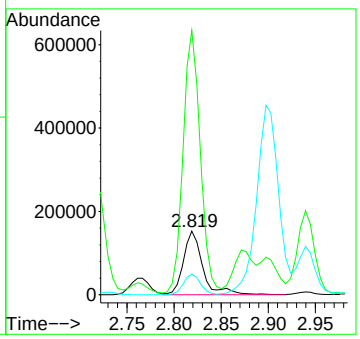


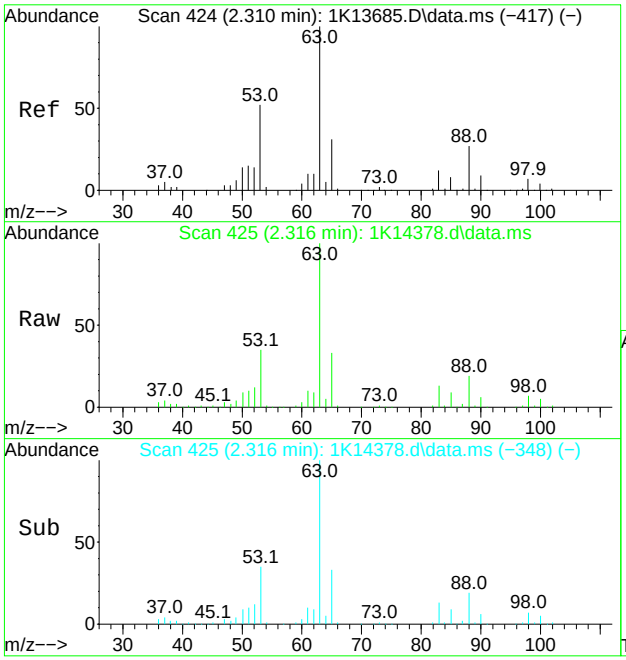


#29
2-butanone
Concen: 175.5348 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 72 Resp: 219044

Ion	Ratio	Lower	Upper
72	100		
43	414.6	384.5	444.5
57	32.5	2.9	62.9

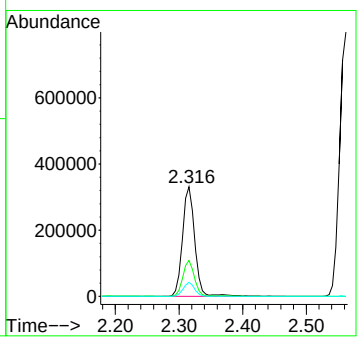


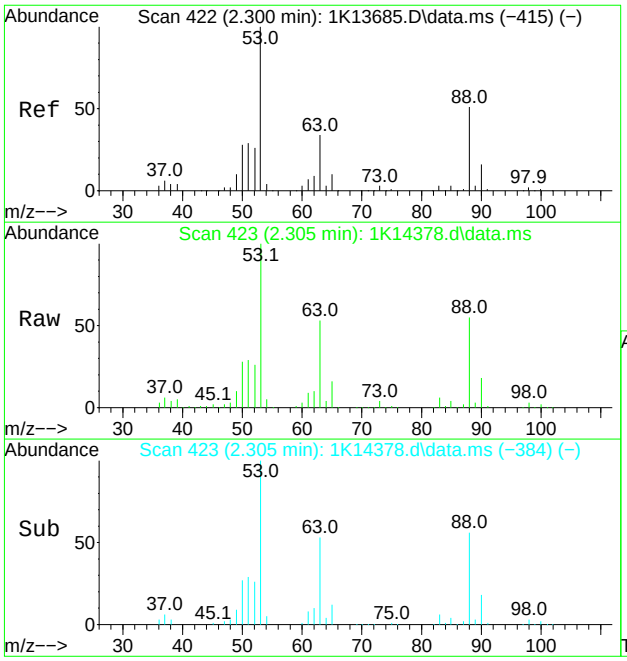


#30
1,1-dichloroethane
Concen: 46.6625 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 63 Resp: 442449

Ion	Ratio	Lower	Upper
63	100		
65	32.6	0.6	60.6
83	12.7	0.0	41.8

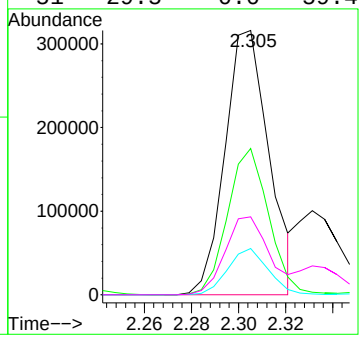


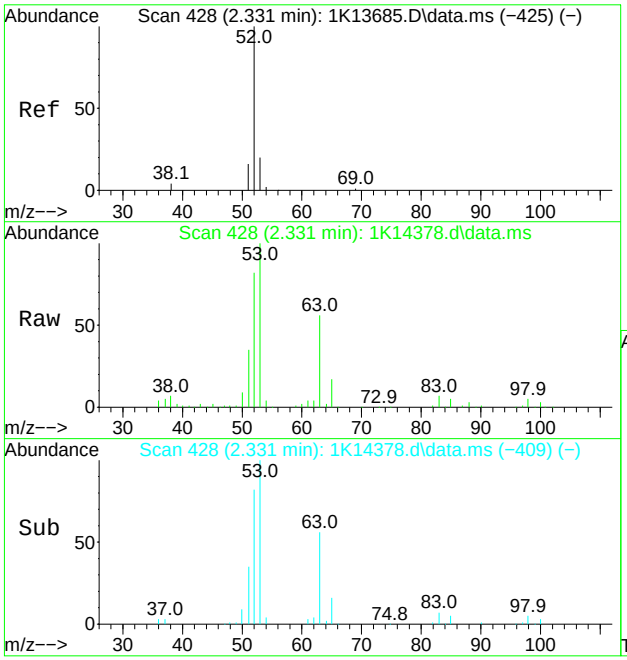


#31
chloroprene
Concen: 45.6518 ug/L
RT: 2.305 min Scan# 423
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 53 Resp: 410993

Ion	Ratio	Lower	Upper
53	100		
88	55.4	21.4	81.4
90	17.5	0.0	46.1
51	29.5	0.0	59.4

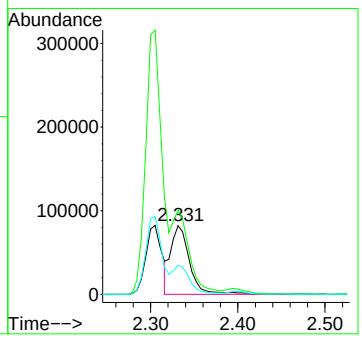


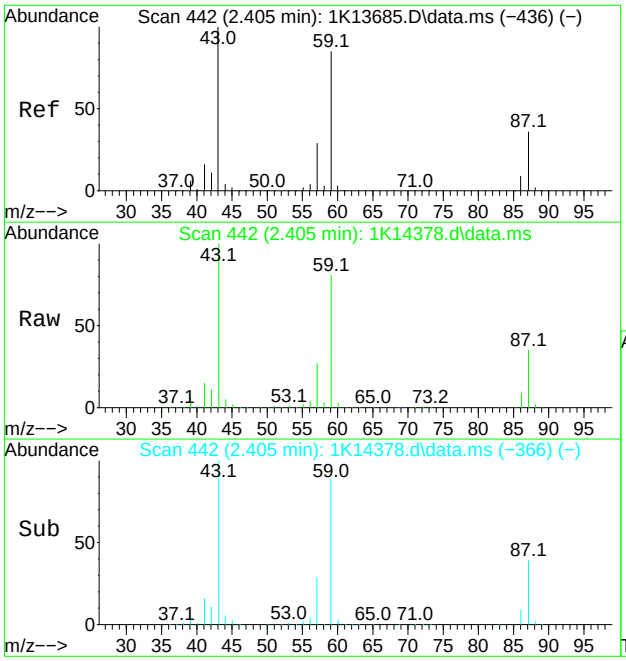


#32
acrylonitrile
Concen: 47.9724 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 52 Resp: 124321

Ion	Ratio	Lower	Upper
52	100		
53	121.9	92.8	152.8
51	42.0	13.6	73.6

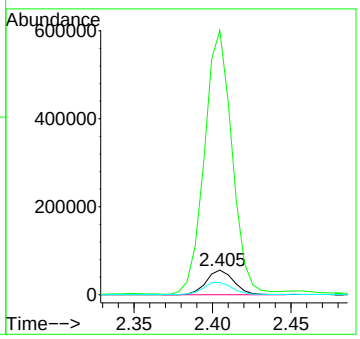


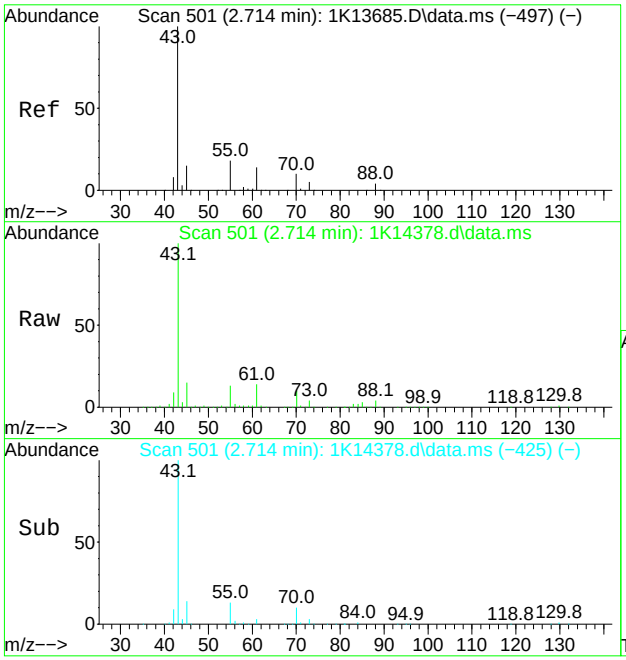


#33
vinyl acetate
Concen: 58.5431 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 86 Resp: 68789

Ion	Ratio	Lower	Upper
86	100		
43	1068.2	1068.8	1128.8#
44	49.7	18.0	78.0

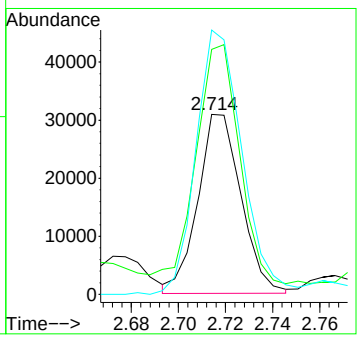


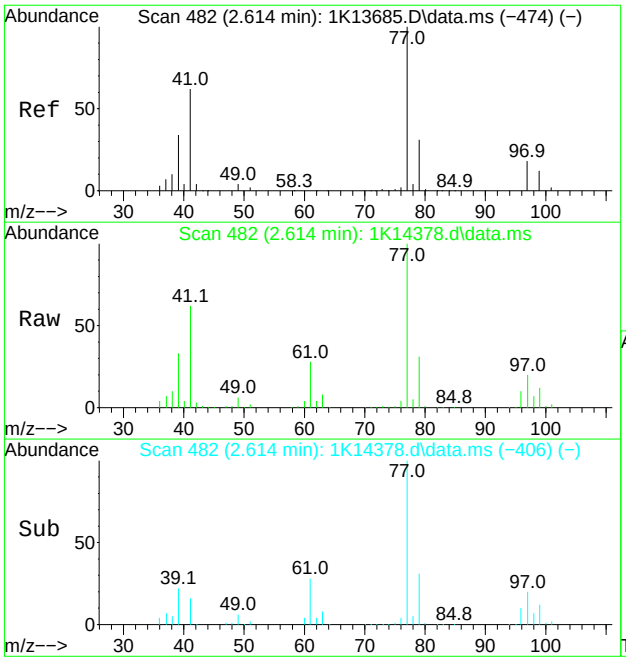


#34
ethyl acetate
Concen: 48.8165 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 70 Resp: 39381

Ion	Ratio	Lower	Upper
70	100		
61	134.0	104.9	164.9
45	149.1	117.8	177.8

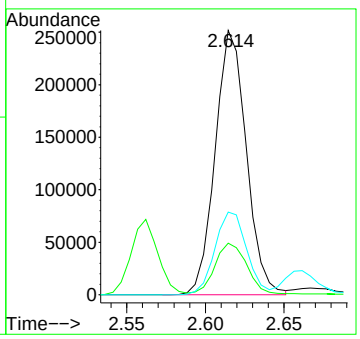


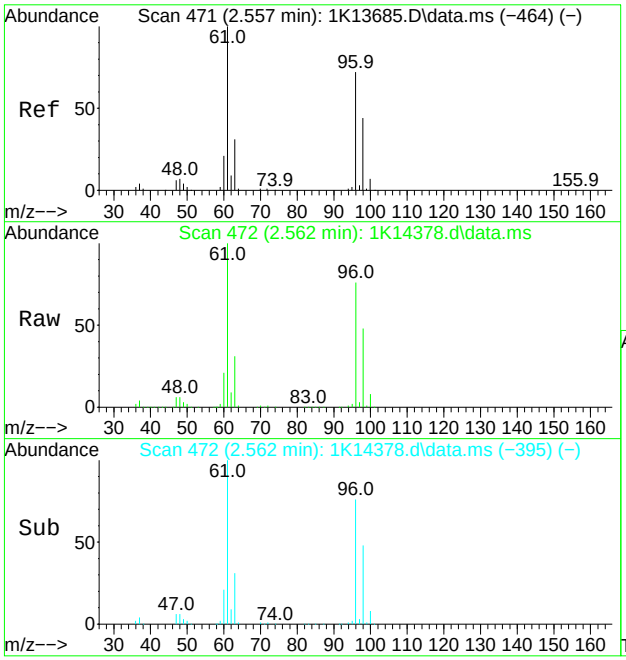


#35
2,2-dichloropropane
Concen: 45.4299 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 77 Resp: 347078

Ion	Ratio	Lower	Upper
77	100		
97	19.2	0.0	48.7
79	31.3	0.9	60.9

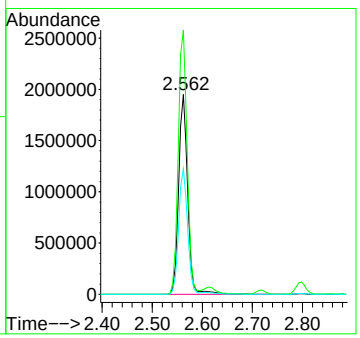


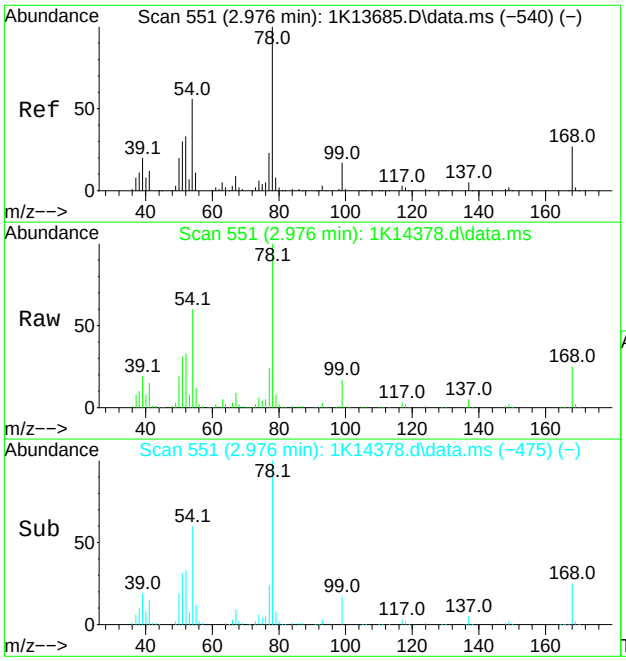


#36
cis-1,2-dichloroethene
Concen: 453.4186 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 96 Resp: 2435840

Ion	Ratio	Lower	Upper
96	100		
61	132.3	108.4	168.4
98	62.9	31.4	91.4

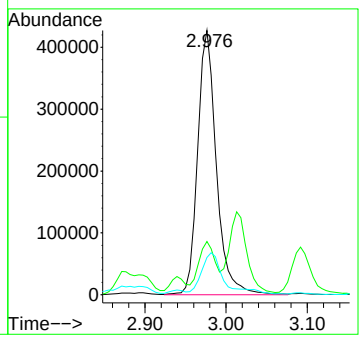


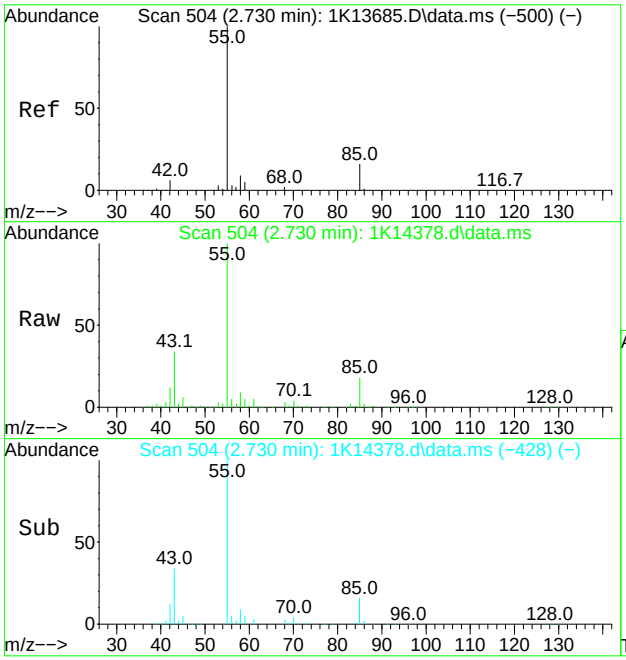


#37
propionitrile
Concen: 437.1316 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 54 Resp: 684833

Ion	Ratio	Lower	Upper
54	100		
55	18.6	0.0	48.9
40	13.7	0.0	45.0

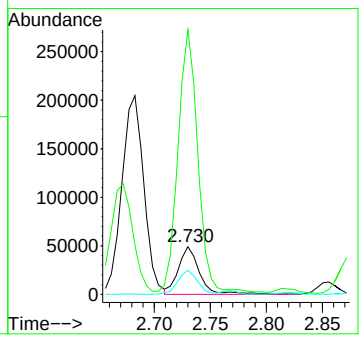


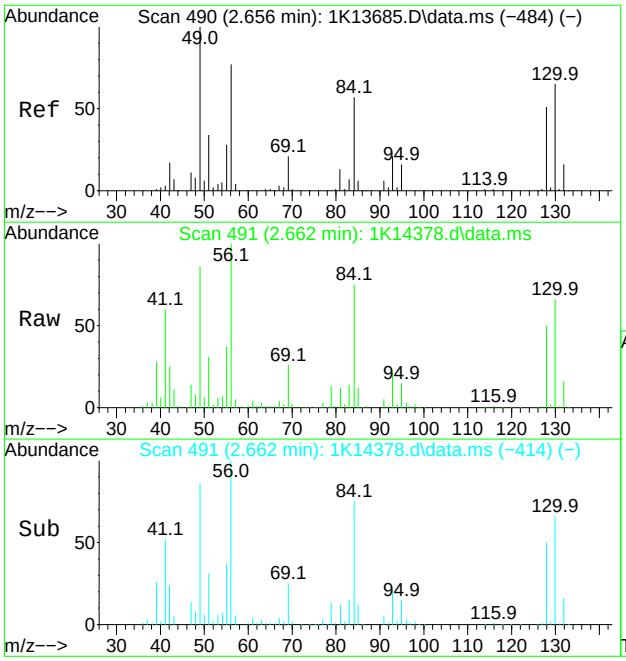


#38
methyl acrylate
Concen: 47.1104 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 85 Resp: 64202

Ion	Ratio	Lower	Upper
85	100		
55	544.0	566.6	606.6#
58	47.1	30.2	70.2

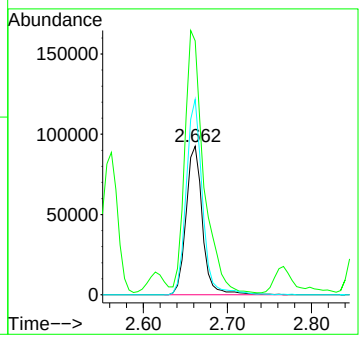


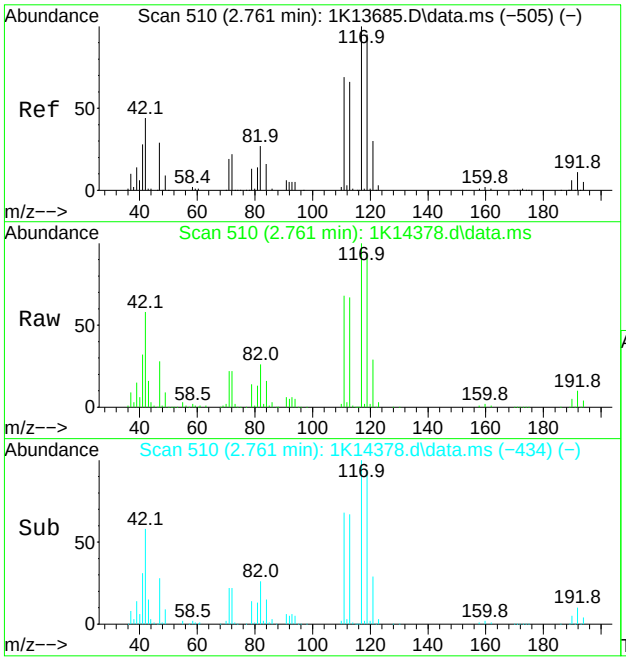


#39
bromochloromethane
Concen: 52.7657 ug/L
RT: 2.662 min Scan# 491
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:128 Resp: 125120

Ion	Ratio	Lower	Upper
128	100		
49	162.2	166.7	226.7#
130	131.4	97.3	157.3

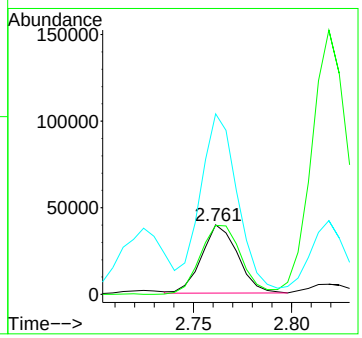


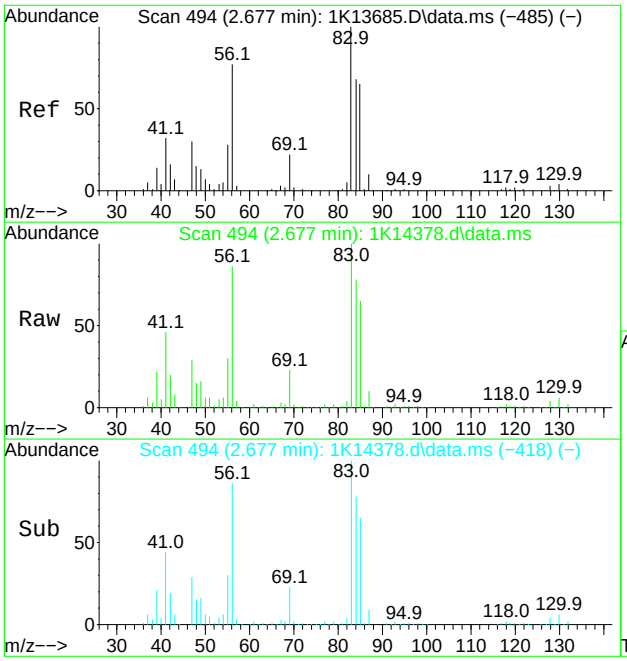


#40
tetrahydrofuran
Concen: 44.5027 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 71 Resp: 50422

Ion	Ratio	Lower	Upper
71	100		
72	100.7	87.2	147.2
42	253.7	242.1	302.1

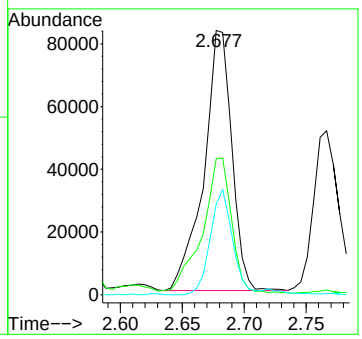


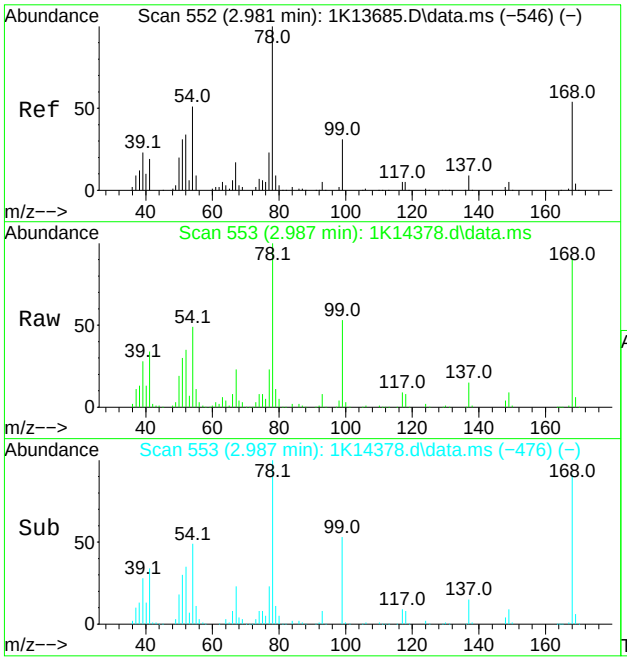


#41
chloroform
Concen: 42.5638 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 47 Resp: 130159

Ion	Ratio	Lower	Upper
47	100		
48	51.5	19.0	79.0
87	35.0	3.4	63.4

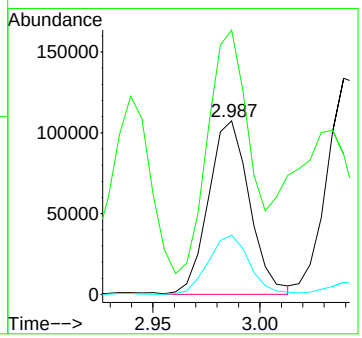


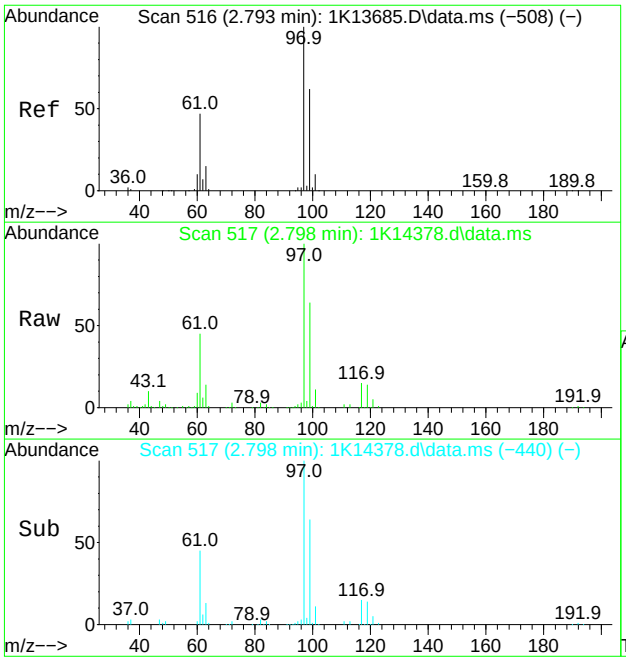


#43
methacrylonitrile
Concen: 43.9067 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 67 Resp: 143447

Ion	Ratio	Lower	Upper
67	100		
41	127.2	85.4	145.4
66	34.3	4.8	64.8

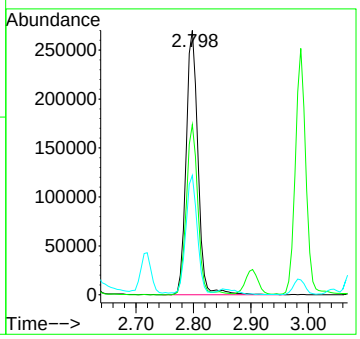


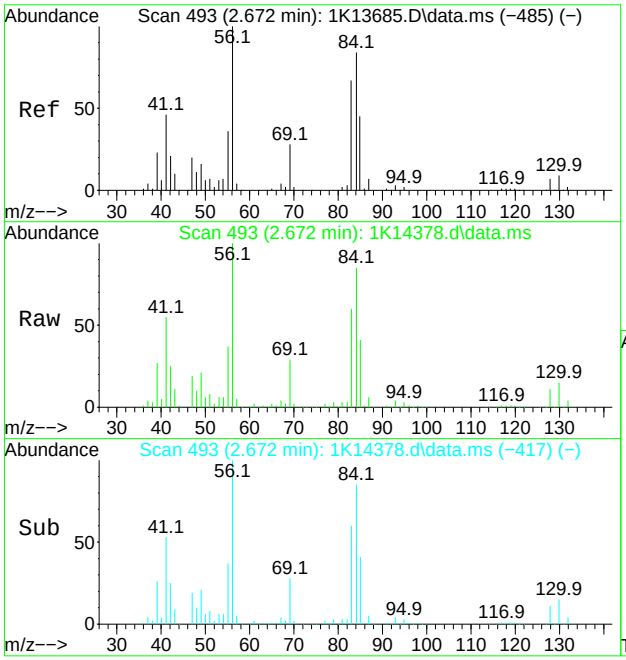


#44
1,1,1-trichloroethane
Concen: 49.6232 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 97 Resp: 386875

Ion	Ratio	Lower	Upper
97	100		
99	64.4	32.2	92.2
61	44.9	17.7	77.7

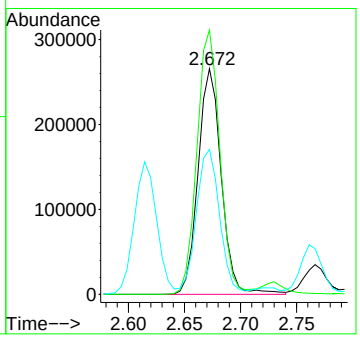


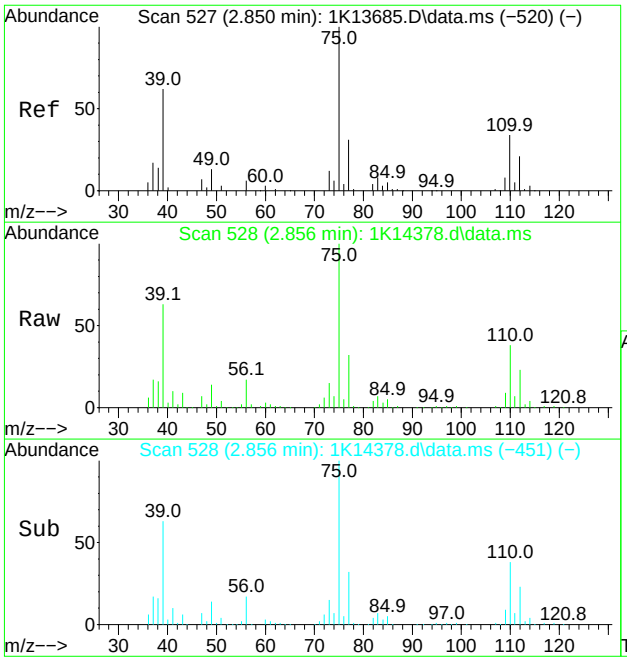


#45
cyclohexane
Concen: 44.4884 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 84 Resp: 382440

Ion	Ratio	Lower	Upper
84	100		
56	117.1	98.6	138.6
41	62.3	43.8	83.8

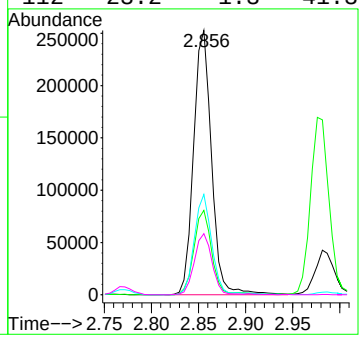


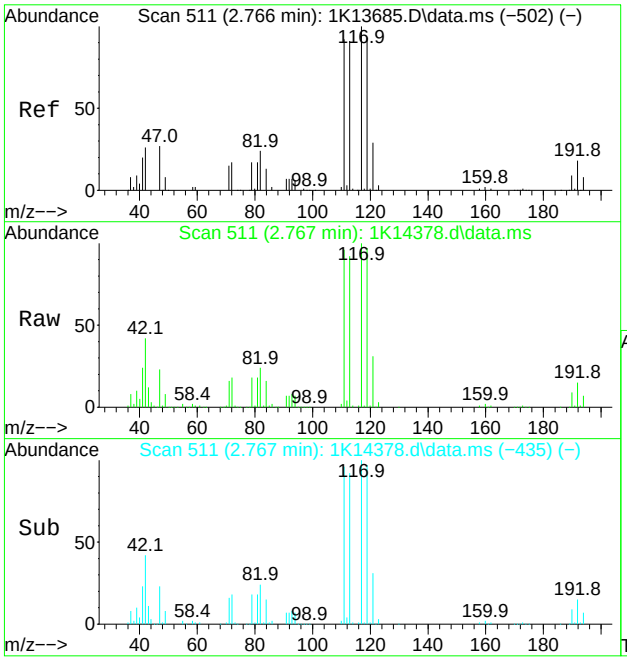


#46
1,1-dichloropropene
Concen: 47.6313 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 75 Resp: 335608

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.3	51.3
110	37.9	14.2	54.2
112	23.2	1.3	41.3

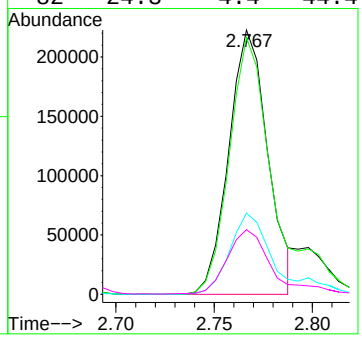


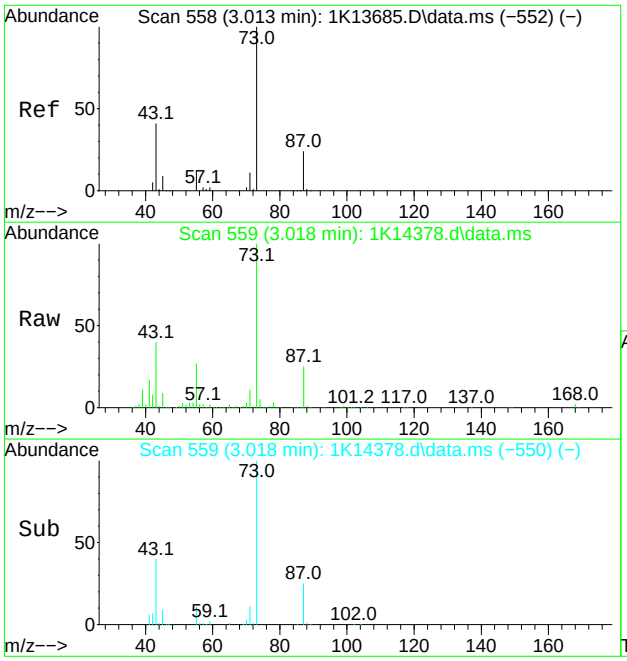


#47
carbon tetrachloride
Concen: 45.2234 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.001 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:117 Resp: 307976

Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.1	113.1
121	30.8	9.4	49.4
82	24.3	4.4	44.4

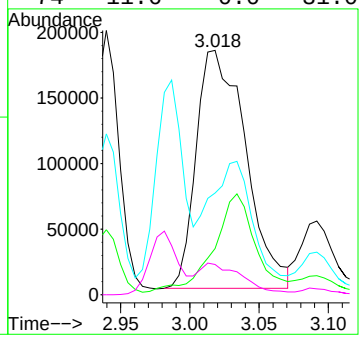


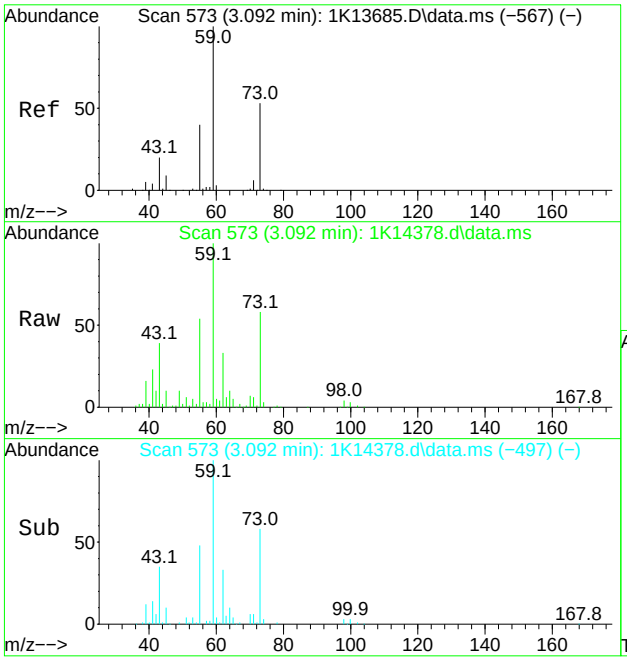


#48
isobutyl alcohol
Concen: 423.9905 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 43 Resp: 449227

Ion	Ratio	Lower	Upper
43	100		
42	16.0	0.0	32.6
41	34.8	9.1	49.1
74	11.6	0.0	31.0

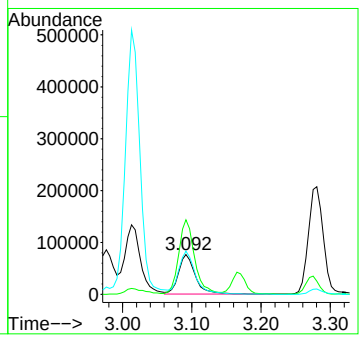


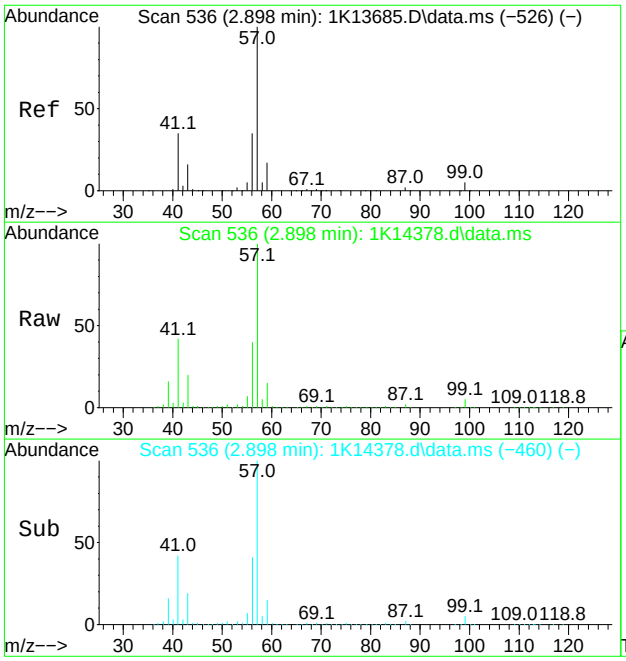


#49
tert-amyl alcohol
Concen: 240.8348 ug/L
RT: 3.092 min Scan# 573
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 55 Resp: 130595

Ion	Ratio	Lower	Upper
55	100		
59	187.1	218.8	258.8#
73	108.1	115.9	155.9#

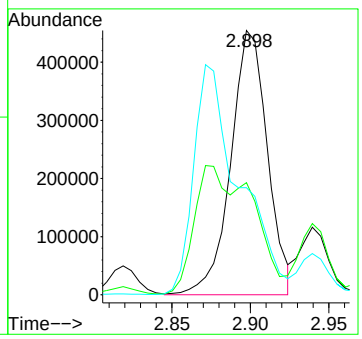


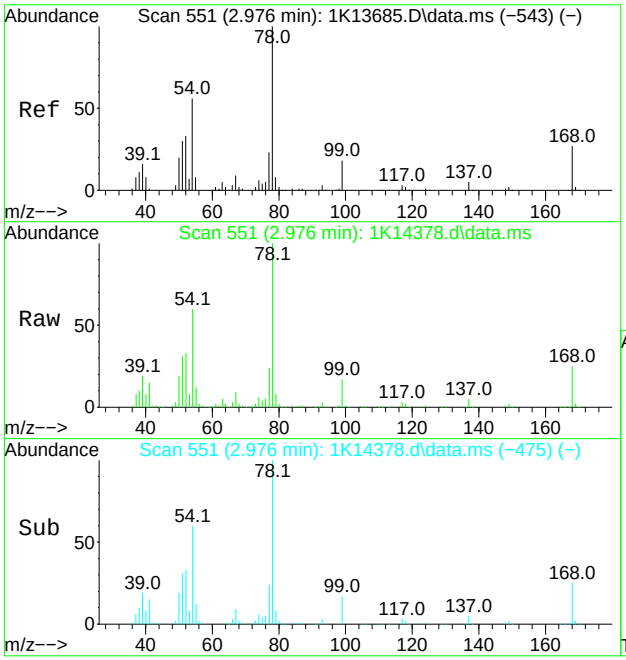


#52
iso-octane
Concen: 42.1417 ug/L
RT: 2.898 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 57 Resp: 736788

Ion	Ratio	Lower	Upper
57	100		
41	42.1	14.8	54.8
56	40.3	15.3	55.3

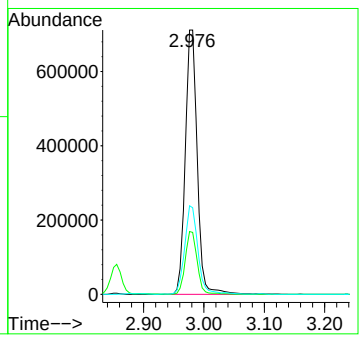


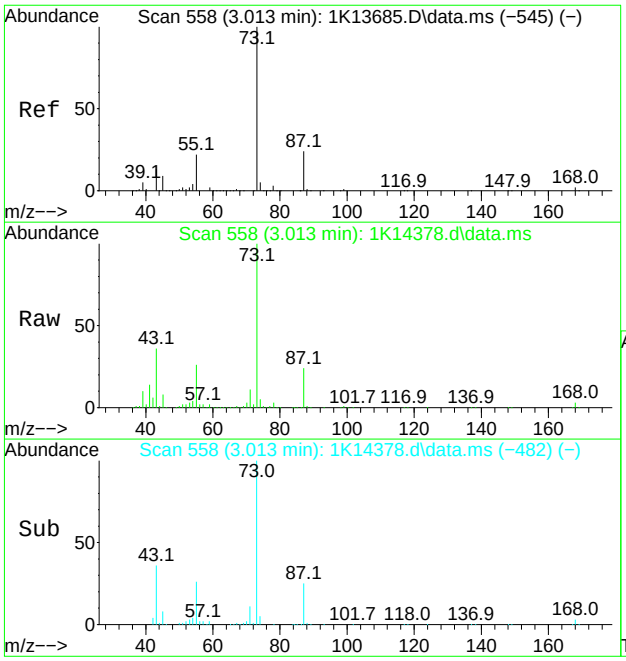


#53
benzene
Concen: 43.7625 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 78 Resp: 984105

Ion	Ratio	Lower	Upper
78	100		
77	23.8	0.0	53.3
52	33.4	3.5	63.5

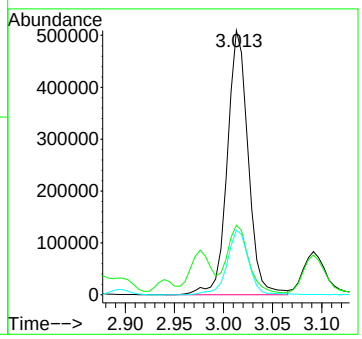


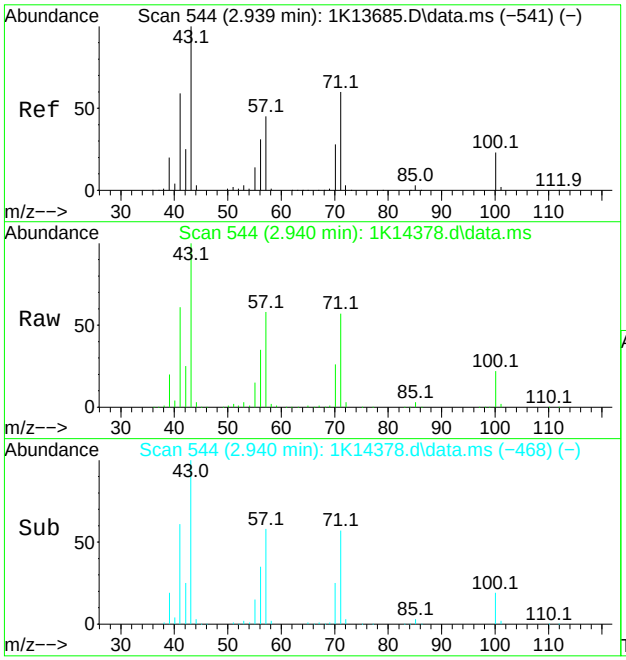


#54
tert-amyl methyl ether
Concen: 43.9002 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 73 Resp: 753594

Ion	Ratio	Lower	Upper
73	100		
55	25.5	5.1	45.1
87	24.4	4.2	44.2

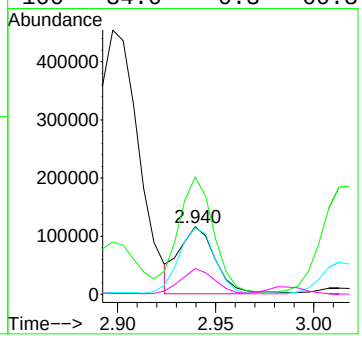


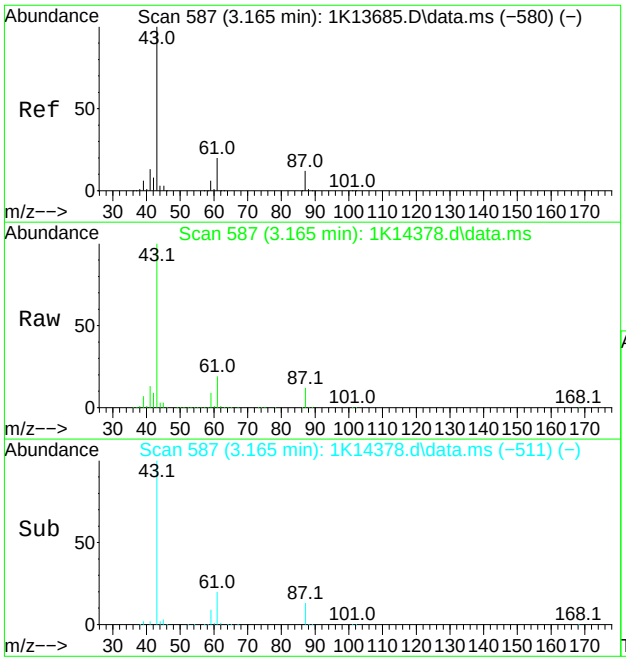


#55
heptane
Concen: 46.7448 ug/L
RT: 2.940 min Scan# 544
Delta R.T. 0.001 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 57 Resp: 149611

Ion	Ratio	Lower	Upper
57	100		
43	172.2	140.0	200.0
71	99.2	67.3	127.3
100	34.0	0.3	60.3

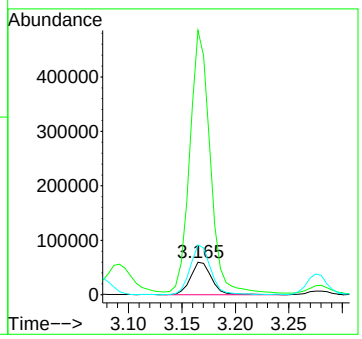


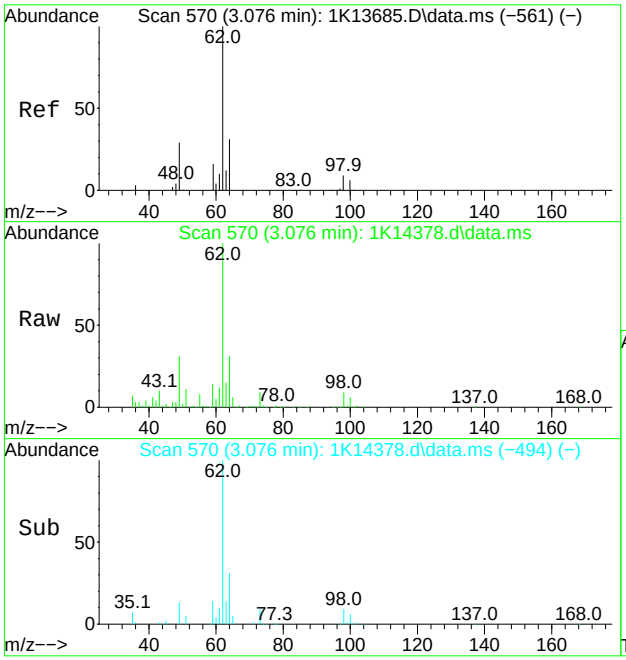


#56
isopropyl acetate
Concen: 50.2560 ug/L
RT: 3.165 min Scan# 587
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 87 Resp: 82582

Ion	Ratio	Lower	Upper
87	100		
43	806.5	799.2	859.2
61	152.3	137.1	197.1

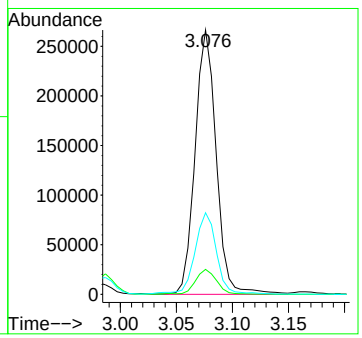


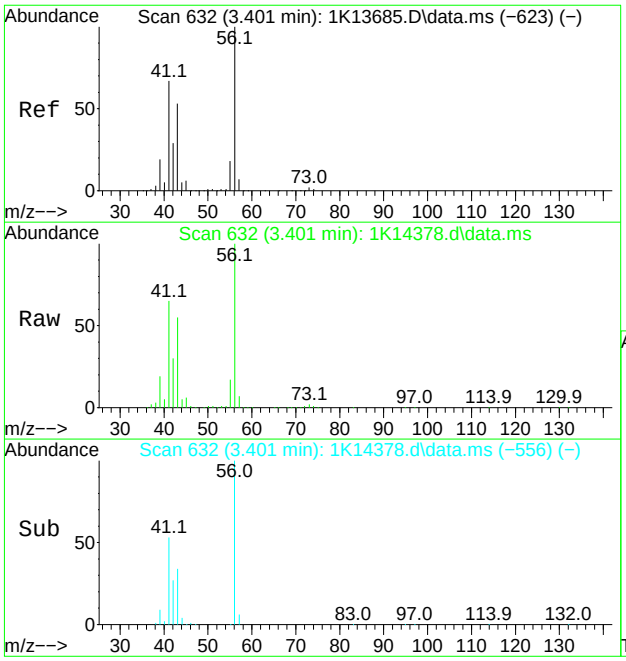


#57
1,2-dichloroethane
Concen: 43.4870 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 62 Resp: 350565

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	39.5
64	30.7	1.1	61.1

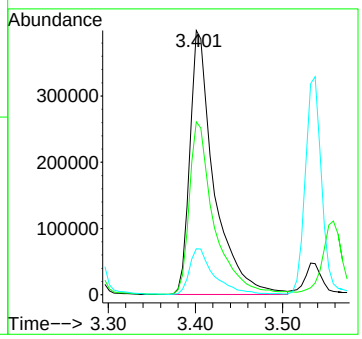


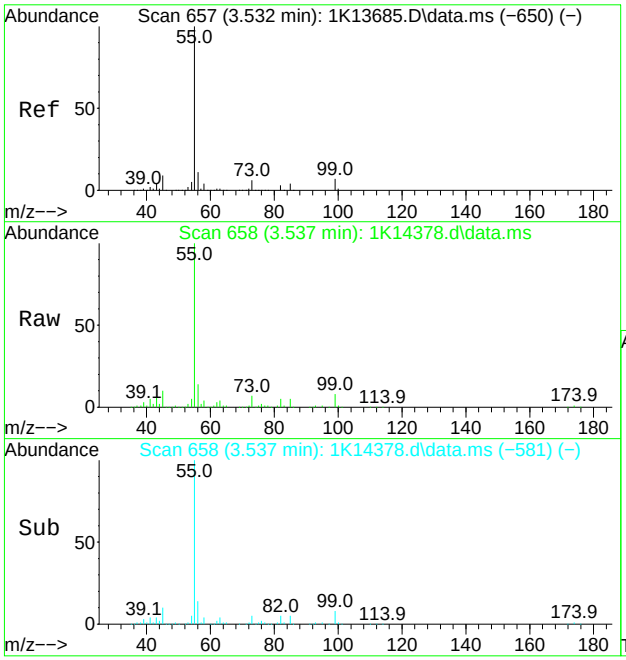


#58
n-butyl alcohol
Concen: 1759.1239 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 56 Resp: 765826

Ion	Ratio	Lower	Upper
56	100		
41	65.2	46.6	86.6
55	17.2	0.0	37.9

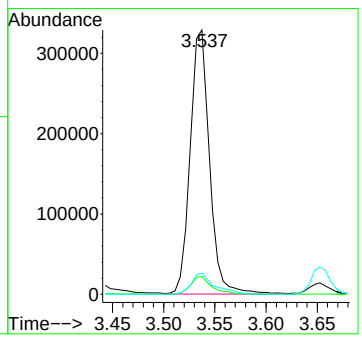


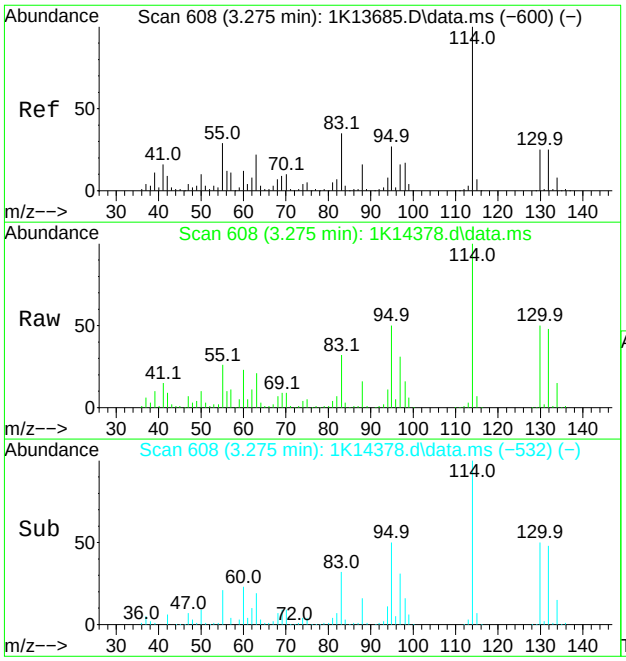


#59
ethyl acrylate
Concen: 42.7566 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 55 Resp: 433111

Ion	Ratio	Lower	Upper
55	100		
73	6.8	0.0	36.5
99	8.0	0.0	37.0

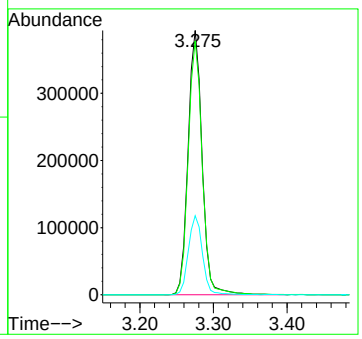


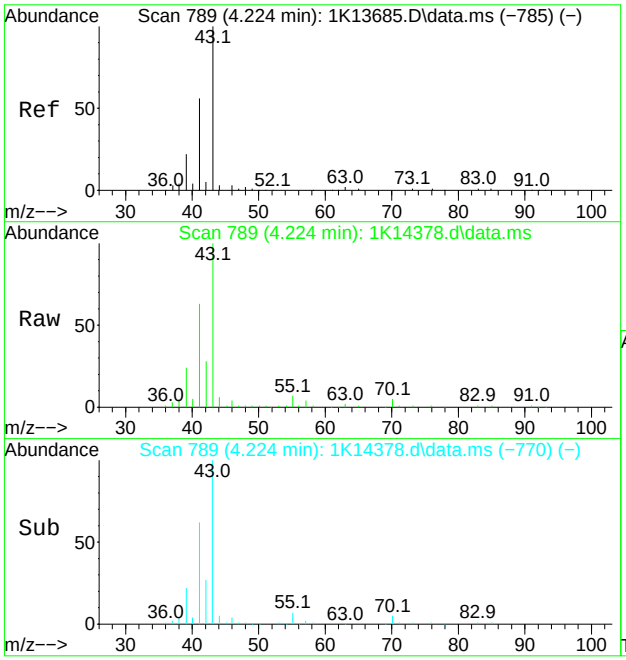


#60
trichloroethene
Concen: 92.1845 ug/L
RT: 3.275 min Scan# 608
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:130 Resp: 523144

Ion	Ratio	Lower	Upper
130	100		
132	96.1	70.3	130.3
134	29.9	2.0	62.0

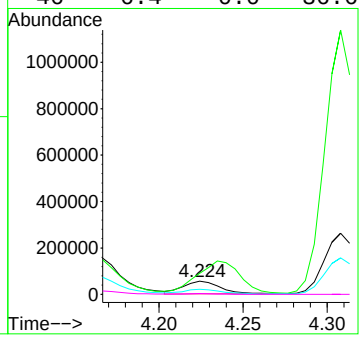


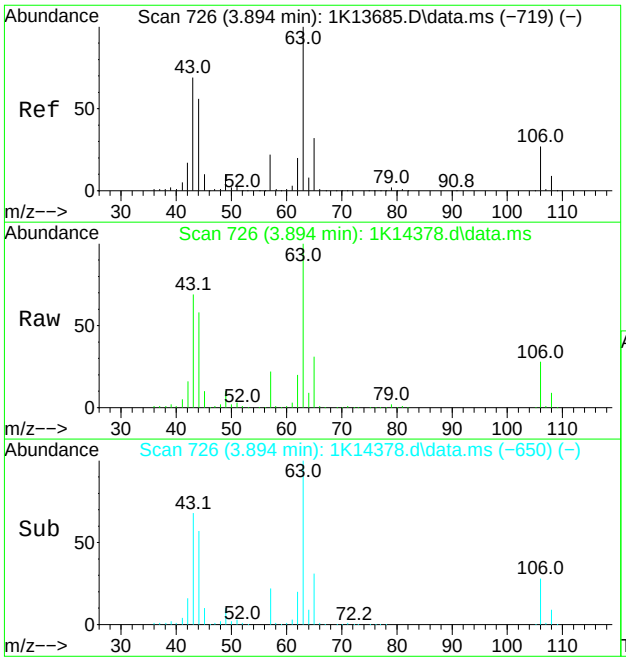


#61
2-nitropropane
Concen: 29.1204 ug/L
RT: 4.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 41 Resp: 82773

Ion	Ratio	Lower	Upper
41	100		
43	160.4	127.6	187.6
39	36.8	8.5	68.5
46	6.4	0.0	36.6

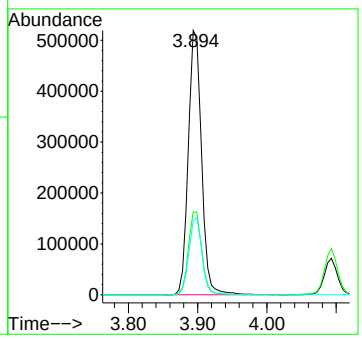


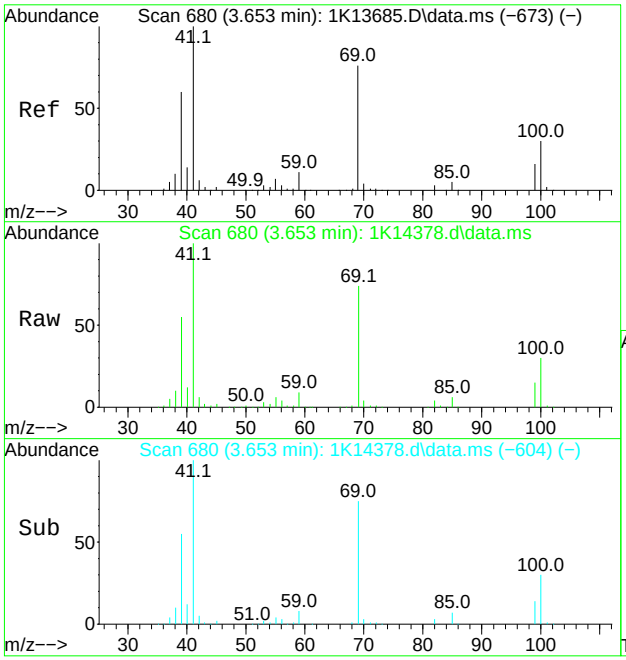


#62
2-chloroethyl vinyl ether
Concen: 214.6710 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 63 Resp: 693589

Ion	Ratio	Lower	Upper
63	100		
65	31.4	1.9	61.9
106	28.0	0.0	57.3

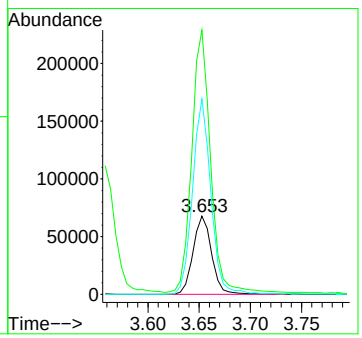


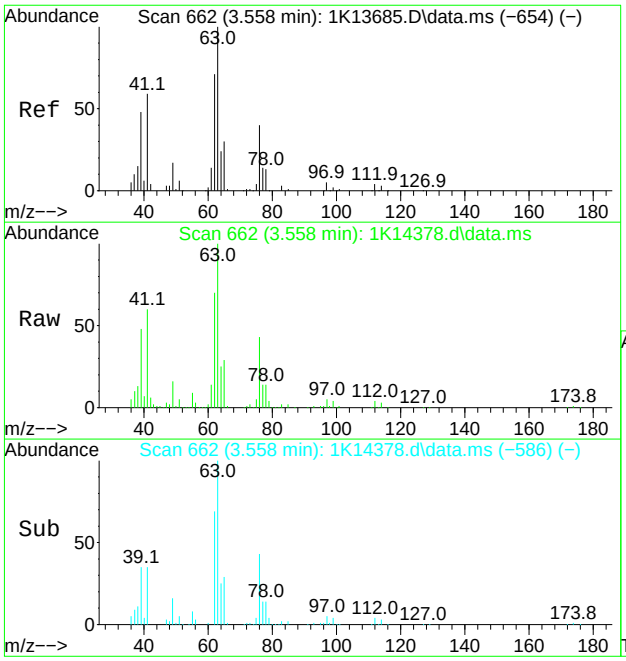


#63
methyl methacrylate
Concen: 47.2423 ug/L
RT: 3.653 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:100 Resp: 86338

Ion	Ratio	Lower	Upper
100	100		
41	335.6	304.0	364.0
69	249.8	224.1	284.1

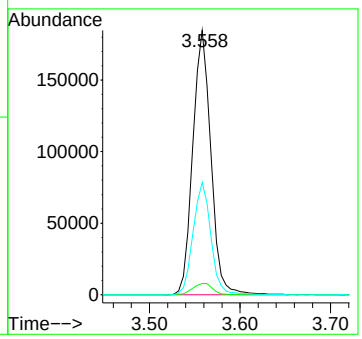


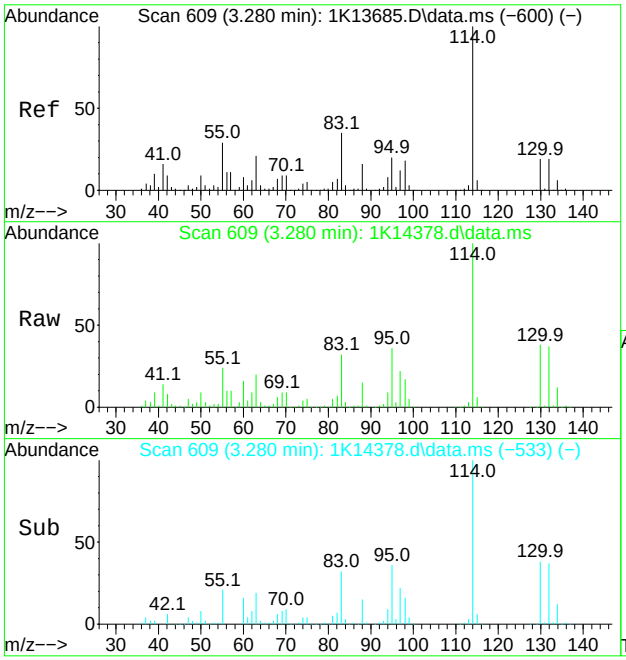


#64
1,2-dichloropropane
Concen: 44.3346 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 63 Resp: 256671

Ion	Ratio	Lower	Upper
63	100		
112	4.3	0.0	34.4
76	42.5	10.3	70.3

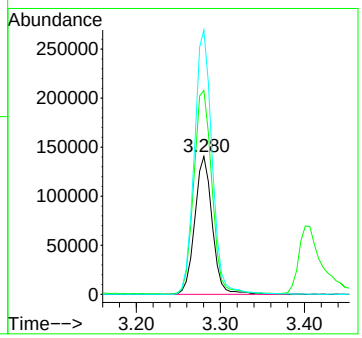


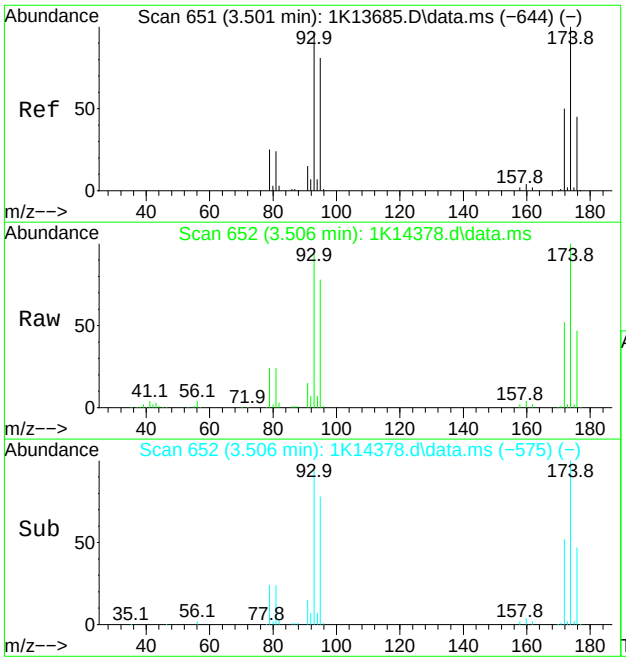


#65
methylcyclohexane
Concen: 46.2661 ug/L
RT: 3.280 min Scan# 609
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 98 Resp: 203018

Ion	Ratio	Lower	Upper
98	100		
55	147.3	130.3	190.3
83	191.7	194.3	194.3#

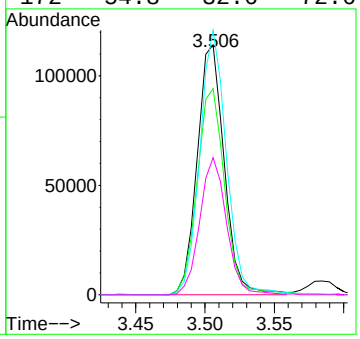


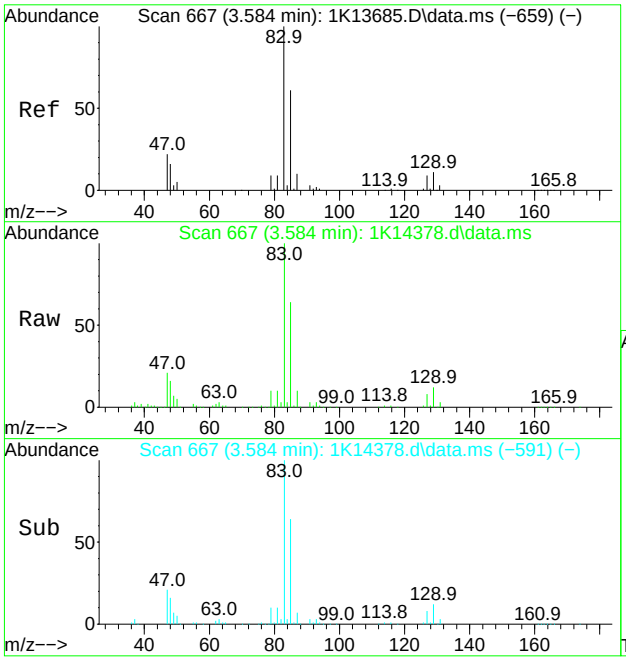


#66
dibromomethane
Concen: 46.8293 ug/L
RT: 3.506 min Scan# 652
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 93 Resp: 154837

Ion	Ratio	Lower	Upper
93	100		
95	82.6	54.7	114.7
174	105.8	74.1	134.1
172	54.8	32.6	72.6

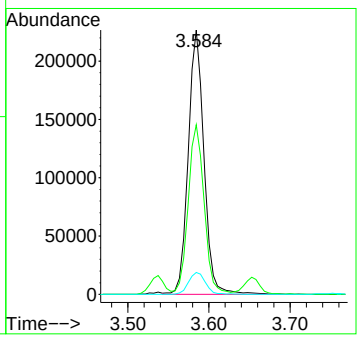


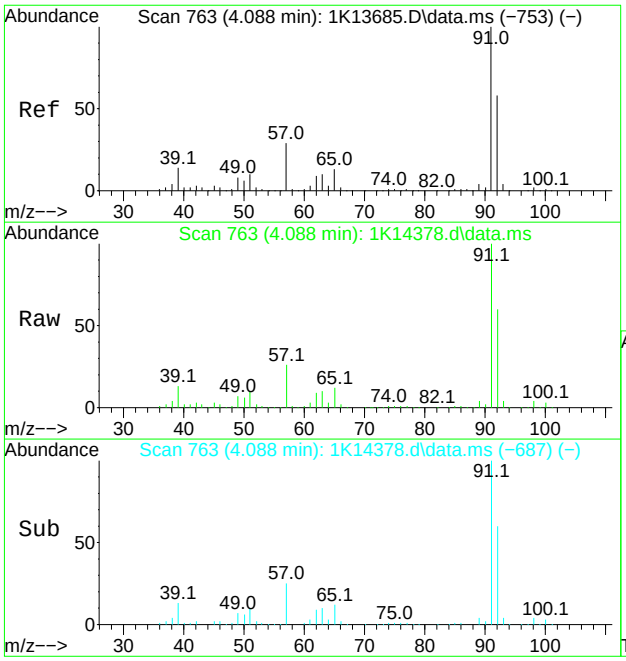


#67
bromodichloromethane
Concen: 43.6170 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 83 Resp: 305936

Ion	Ratio	Lower	Upper
83	100		
85	64.0	35.1	95.1
127	8.2	0.0	39.1

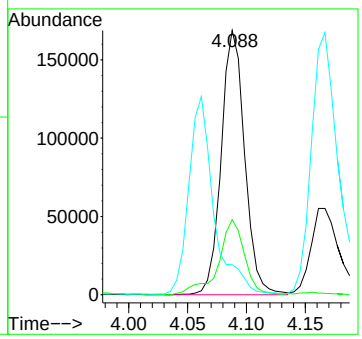


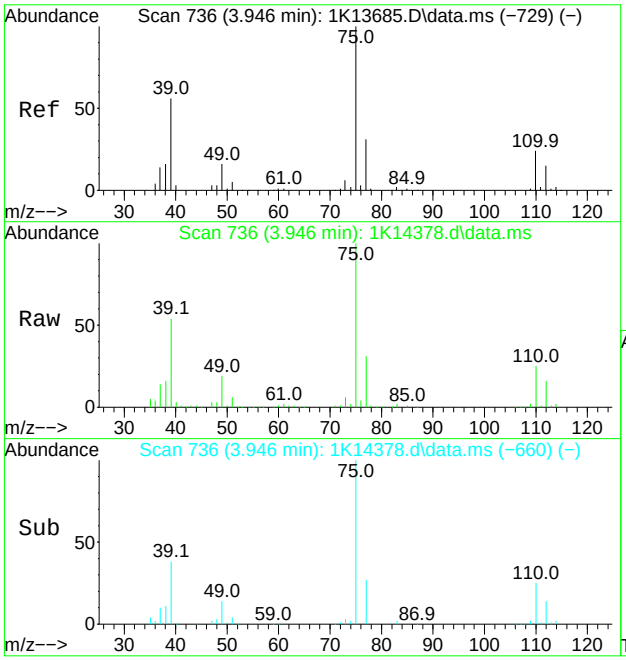


#68
epichlorohydrin
Concen: 199.7267 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 57 Resp: 234428

Ion	Ratio	Lower	Upper
57	100		
49	28.2	6.2	46.2
42	11.0	0.0	29.7

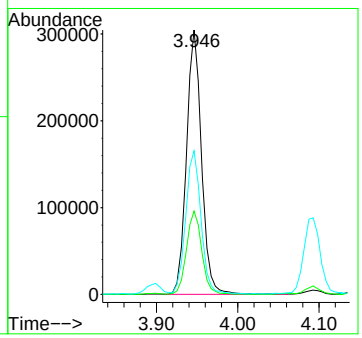


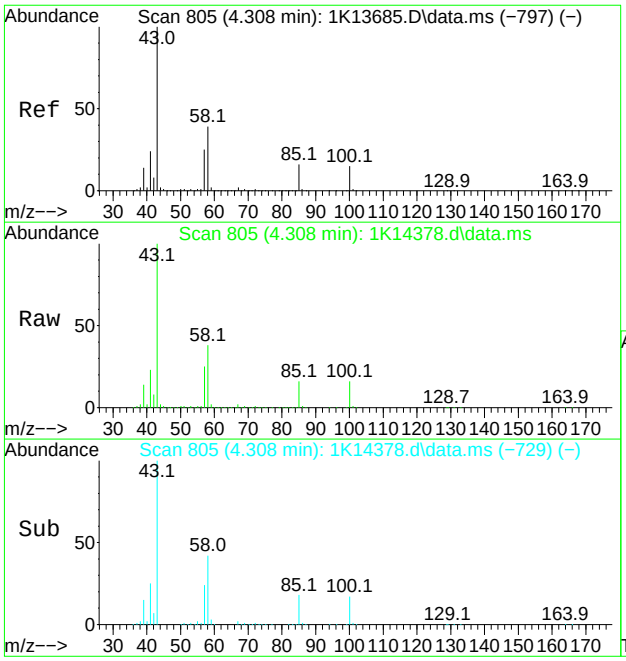


#69
cis-1,3-dichloropropene
Concen: 44.3966 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 75 Resp: 394374

Ion	Ratio	Lower	Upper
75	100		
77	31.3	1.6	61.6
39	53.6	26.9	86.9

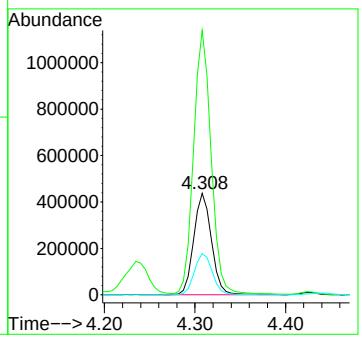


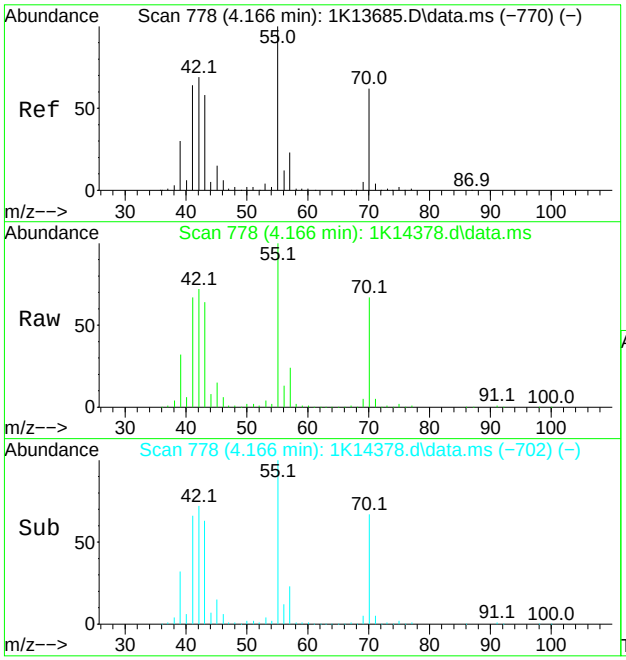


#70
4-methyl-2-pentanone
Concen: 180.9174 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 58 Resp: 596457

Ion	Ratio	Lower	Upper
58	100		
43	260.3	226.7	286.7
100	40.6	8.1	68.1

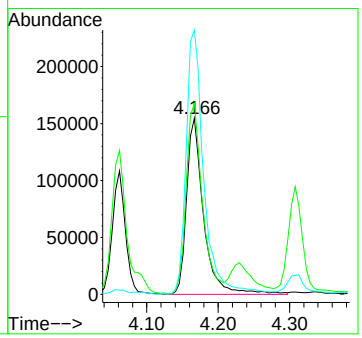


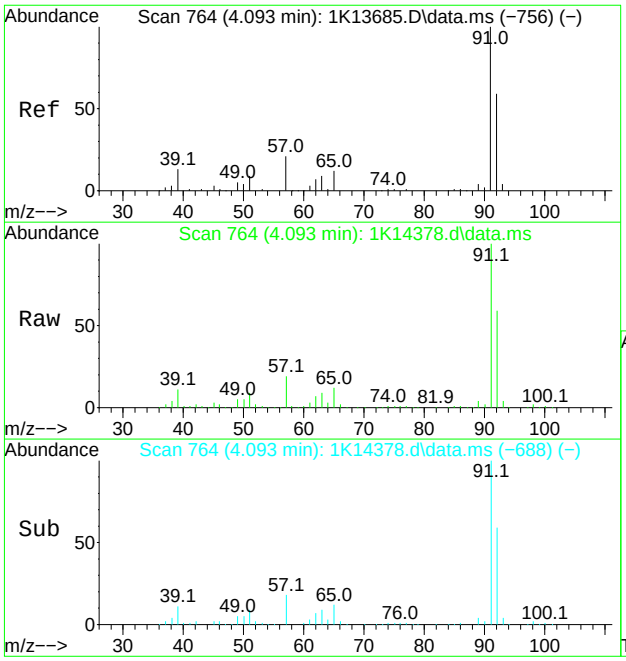


#71
3-methyl-1-butanol
Concen: 733.9079 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 70 Resp: 257466

Ion	Ratio	Lower	Upper
70	100		
42	107.5	81.3	141.3
55	150.0	131.4	191.4

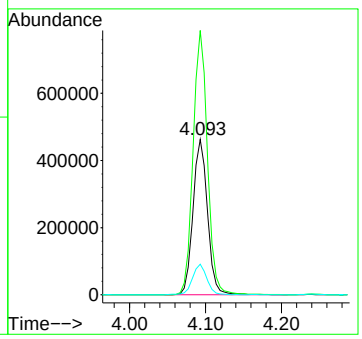


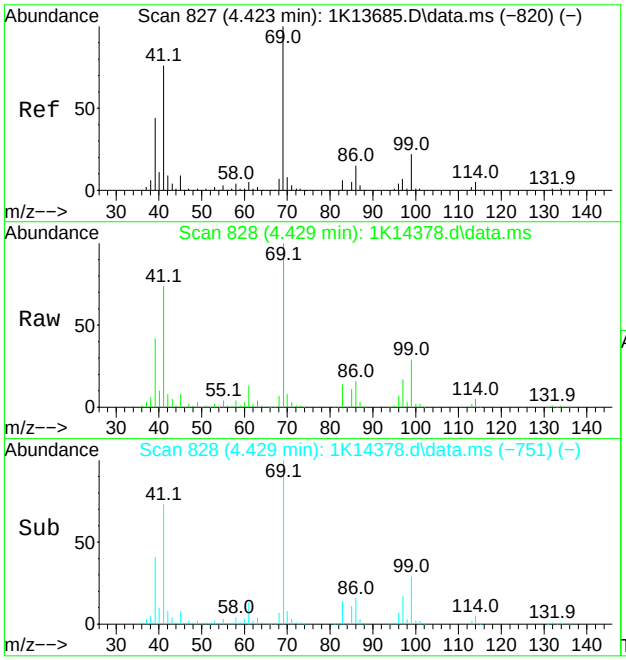


#74
toluene
Concen: 44.4954 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 92 Resp: 612379

Ion	Ratio	Lower	Upper
92	100		
91	170.3	150.5	190.5
65	19.6	0.6	40.6

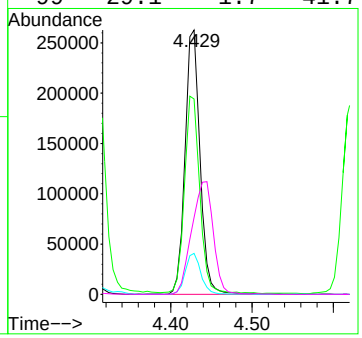


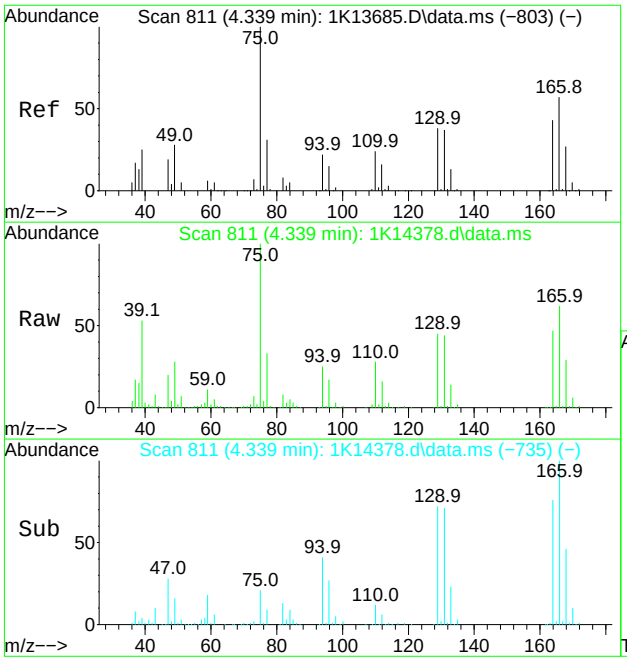


#75
ethyl methacrylate
Concen: 43.7439 ug/L
RT: 4.429 min Scan# 828
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 69 Resp: 340366

Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.7	96.7
86	15.5	0.0	35.4
99	29.1	1.7	41.7

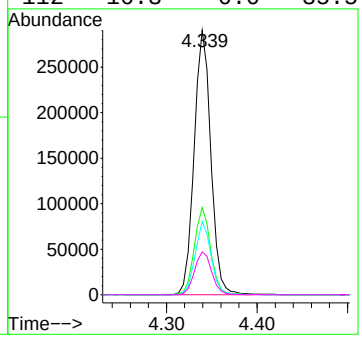


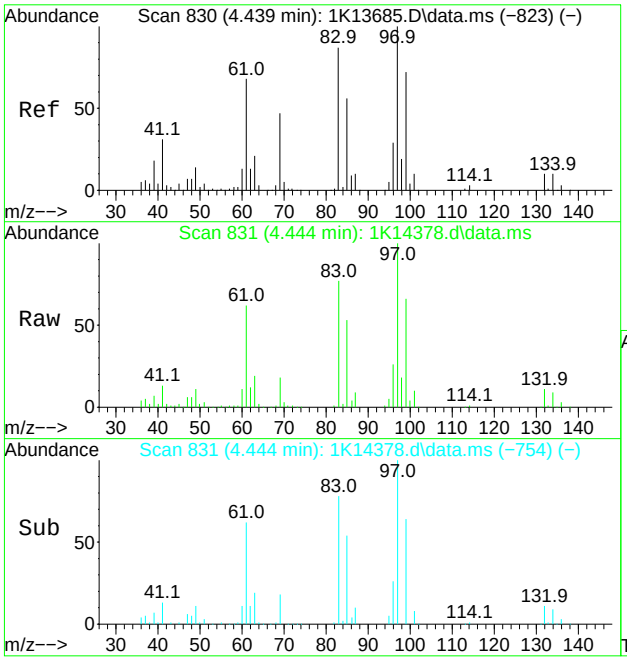


#76
trans-1,3-dichloropropene
Concen: 44.5369 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 75 Resp: 373378

Ion	Ratio	Lower	Upper
75	100		
77	33.0	11.2	51.2
110	27.7	4.0	44.0
112	16.3	0.0	35.5

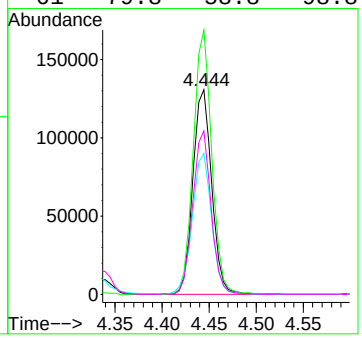


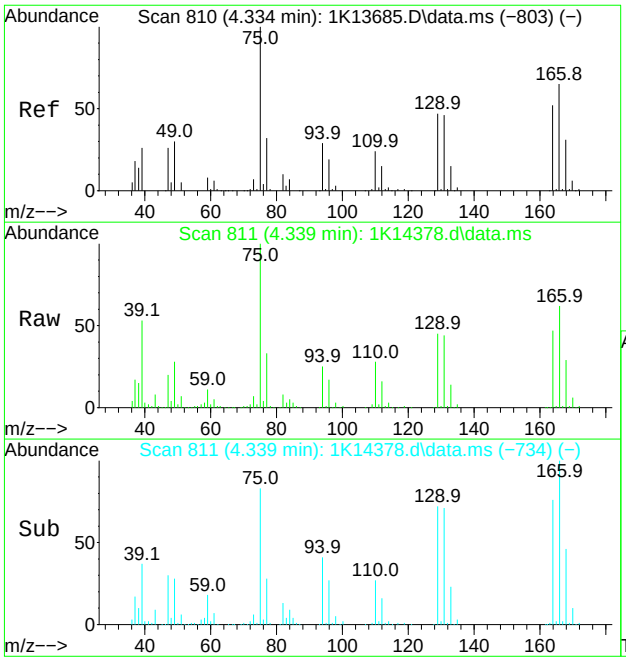


#77
1,1,2-trichloroethane
Concen: 45.1978 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 83 Resp: 182295

Ion	Ratio	Lower	Upper
83	100		
97	129.2	95.4	135.4
85	68.9	45.4	85.4
61	79.8	58.8	98.8

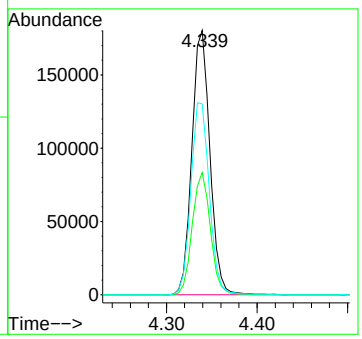


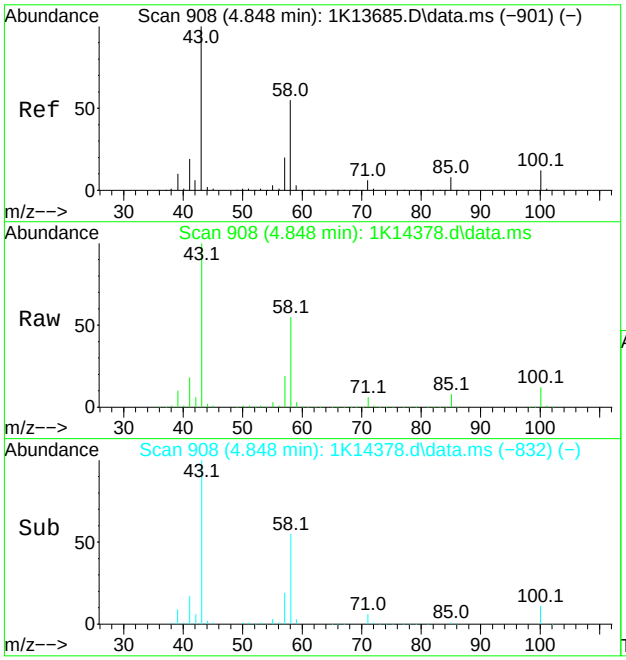


#78
tetrachloroethene
Concen: 45.2032 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:166 Resp: 251430

Ion	Ratio	Lower	Upper
166	100		
168	46.2	17.2	77.2
129	72.2	42.2	102.2

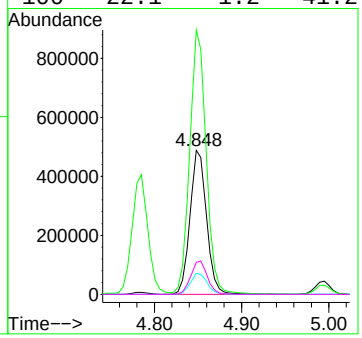


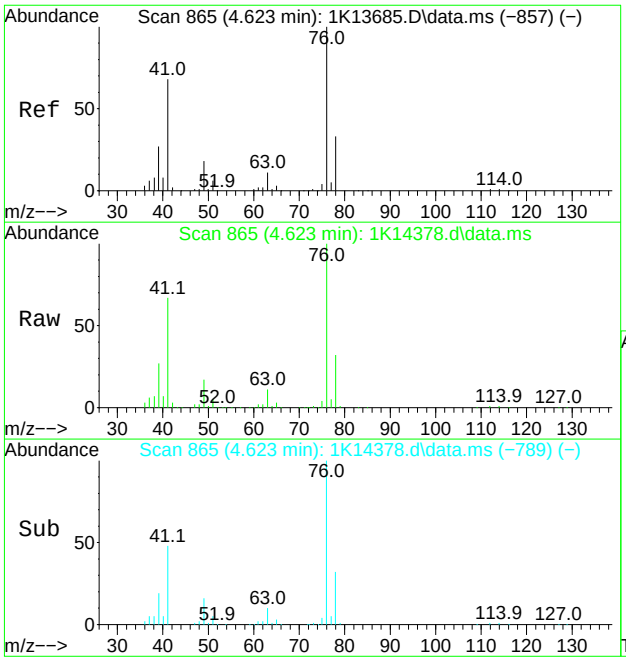


#79
2-hexanone
Concen: 171.6000 ug/L
RT: 4.848 min Scan# 908
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 58 Resp: 643009

Ion	Ratio	Lower	Upper
58	100		
43	183.2	162.0	202.0
85	14.7	0.0	34.2
100	22.1	1.2	41.2

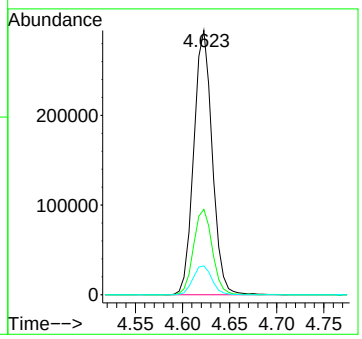


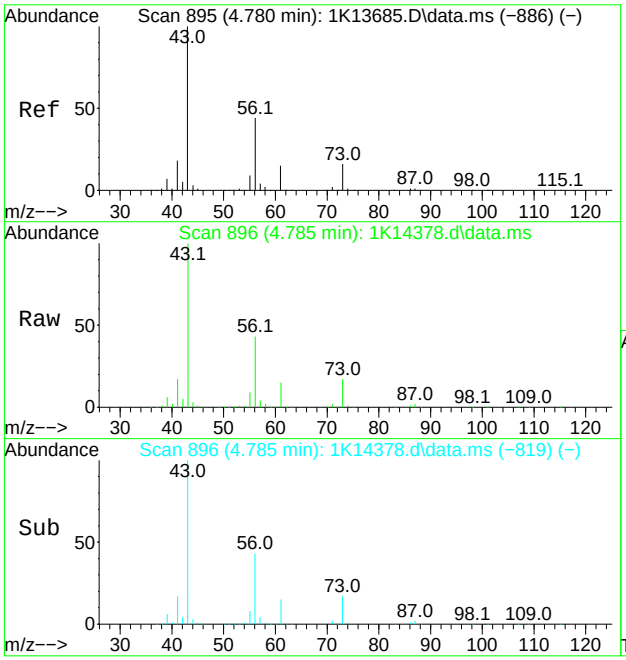


#80
1,3-dichloropropane
Concen: 45.2289 ug/L
RT: 4.623 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 76 Resp: 401020

Ion	Ratio	Lower	Upper
76	100		
78	32.3	3.0	63.0
63	11.0	0.0	40.8

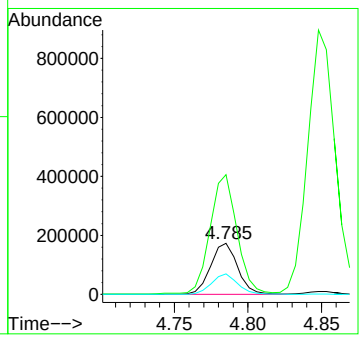


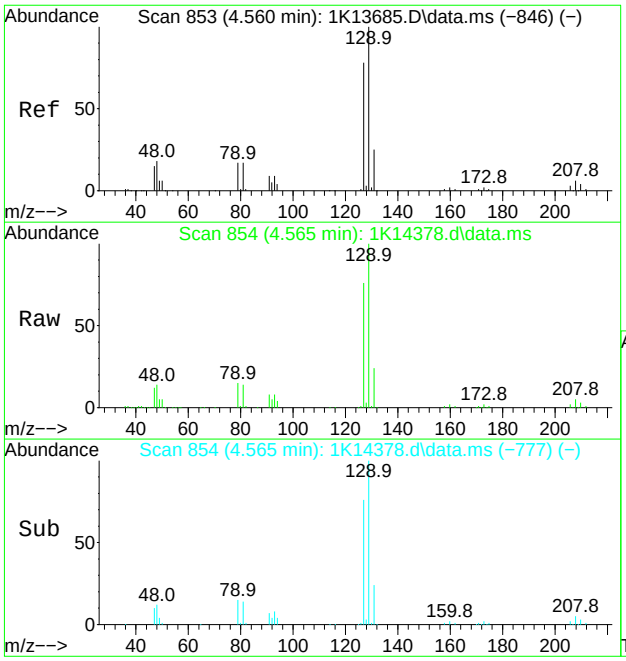


#81
butyl acetate
Concen: 43.7847 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 56 Resp: 221628

Ion	Ratio	Lower	Upper
56	100		
43	232.8	198.9	258.9
73	40.2	7.7	67.7

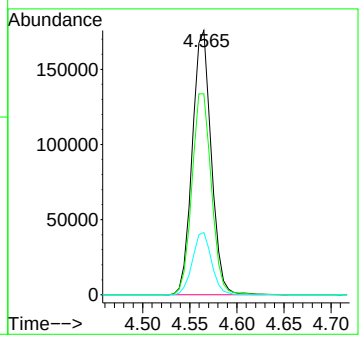


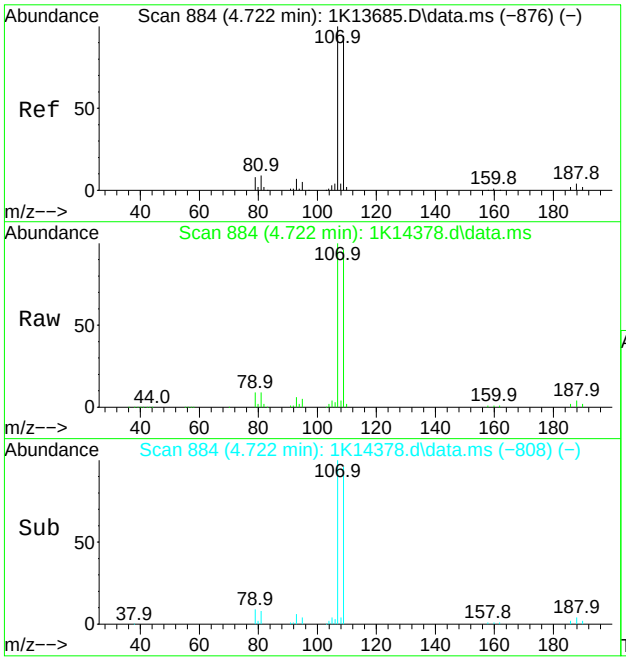


#82
dibromochloromethane
Concen: 50.0132 ug/L
RT: 4.565 min Scan# 854
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:129 Resp: 246023

Ion	Ratio	Lower	Upper
129	100		
127	76.0	48.2	108.2
131	23.6	0.0	54.9

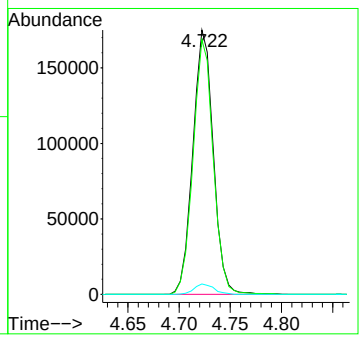


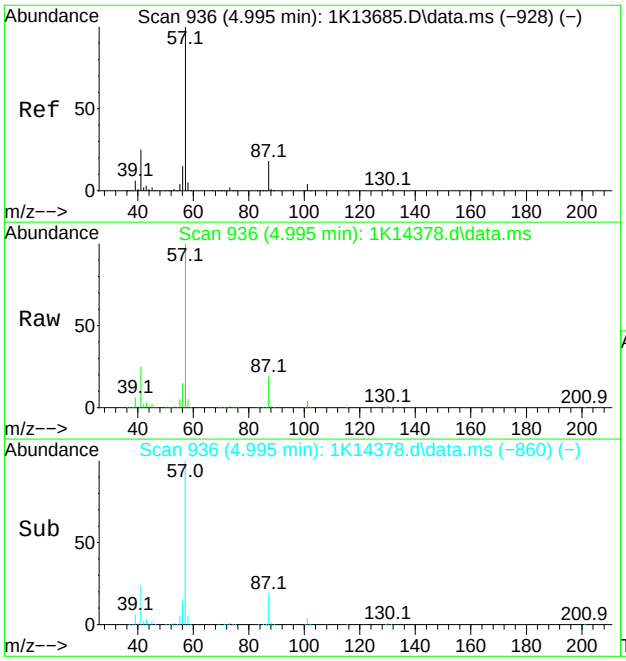


#83
1,2-dibromoethane
Concen: 47.7086 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:107 Resp: 243740

Ion	Ratio	Lower	Upper
107	100		
109	96.3	64.1	124.1
188	3.9	0.0	33.9

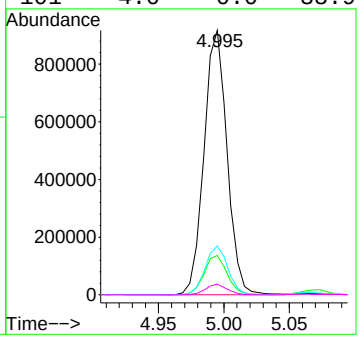


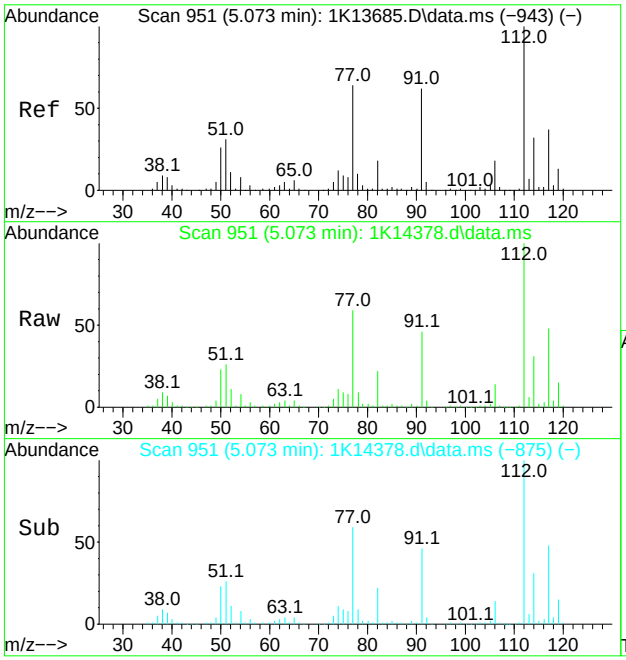


#84
n-butyl ether
Concen: 42.4130 ug/L
RT: 4.995 min Scan# 936
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 57 Resp: 1126581

Ion	Ratio	Lower	Upper
57	100		
56	14.8	0.0	44.5
87	18.5	0.0	47.6
101	4.0	0.0	33.9

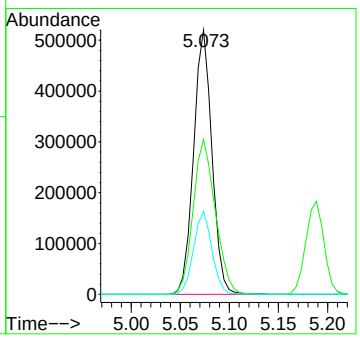


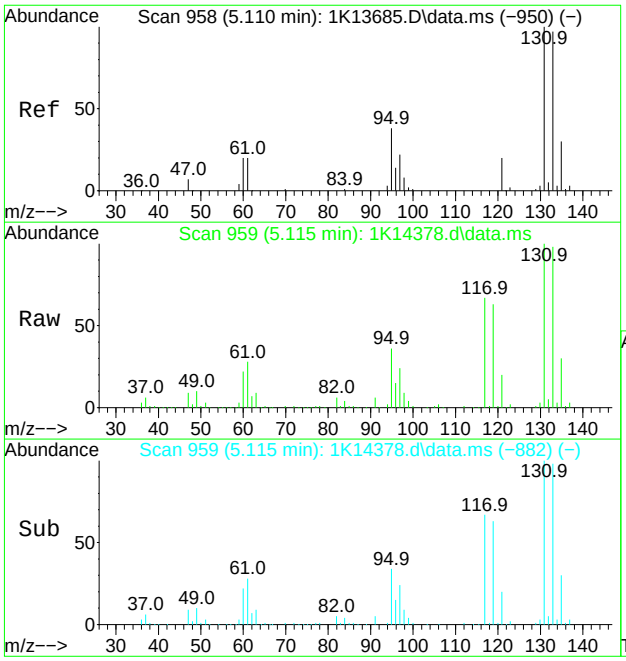


#85
chlorobenzene
Concen: 46.4155 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:112 Resp: 677232

Ion	Ratio	Lower	Upper
112	100		
77	58.5	33.8	93.8
114	31.4	2.0	62.0

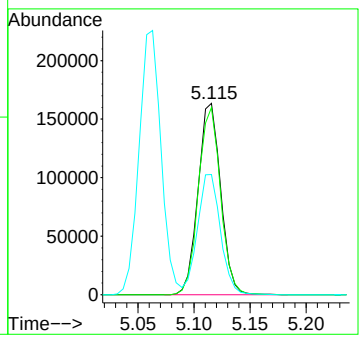


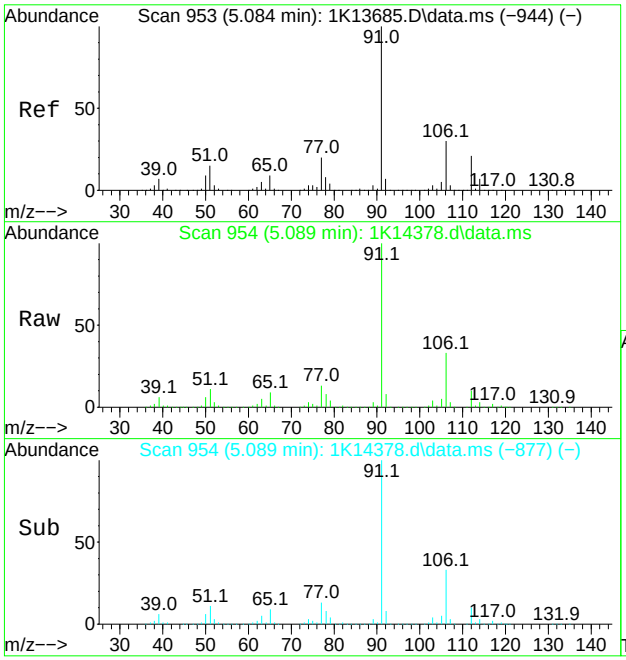


#86
1,1,1,2-tetrachloroethane
Concen: 47.8860 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:131 Resp: 230593

Ion	Ratio	Lower	Upper
131	100		
133	97.8	67.0	127.0
119	62.8	34.4	94.4

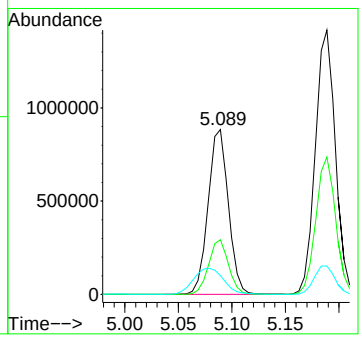


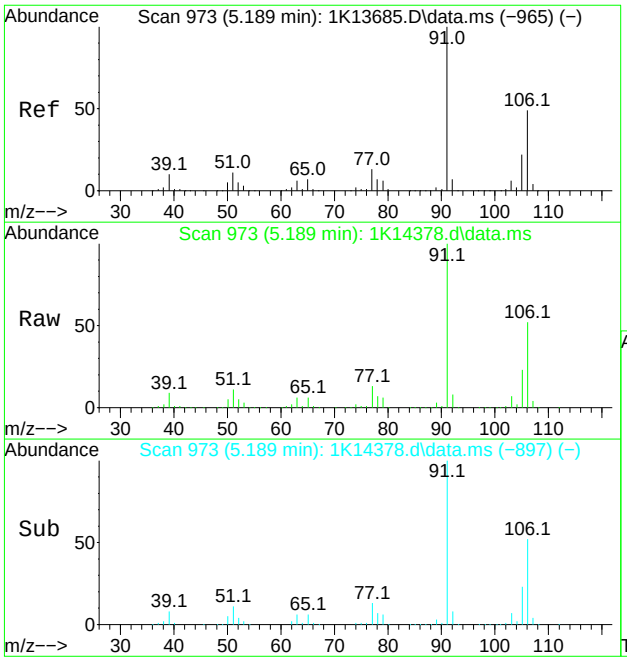


#87
ethylbenzene
Concen: 42.5196 ug/L
RT: 5.089 min Scan# 954
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 91 Resp: 1166533

Ion	Ratio	Lower	Upper
91	100		
106	33.2	0.2	60.2
51	11.5	0.0	45.3

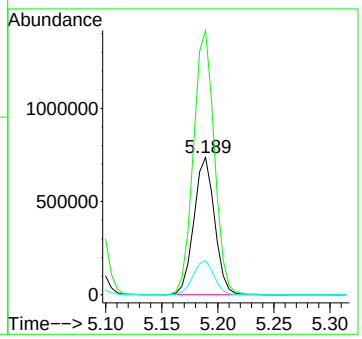


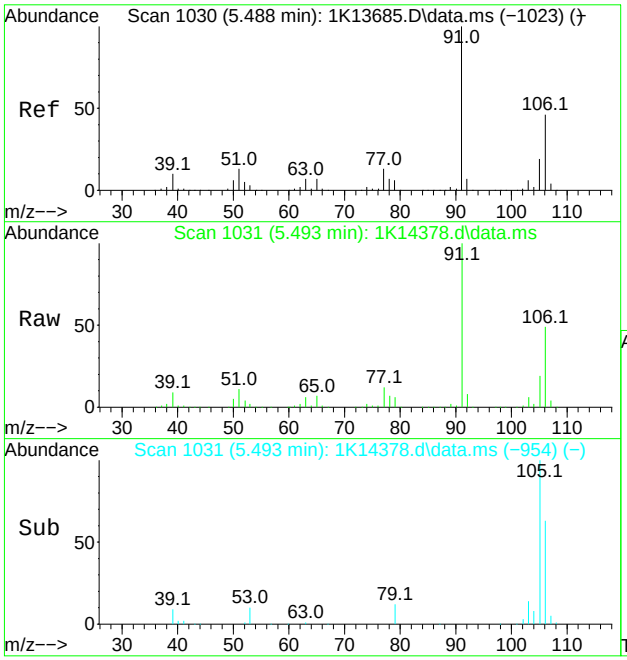


#88
m,p-xylene
Concen: 92.3668 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:106 Resp: 944865

Ion	Ratio	Lower	Upper
106	100		
91	192.4	172.8	232.8
77	24.9	5.8	45.8

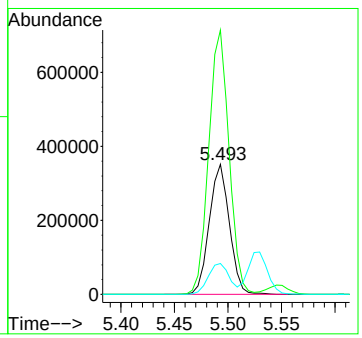


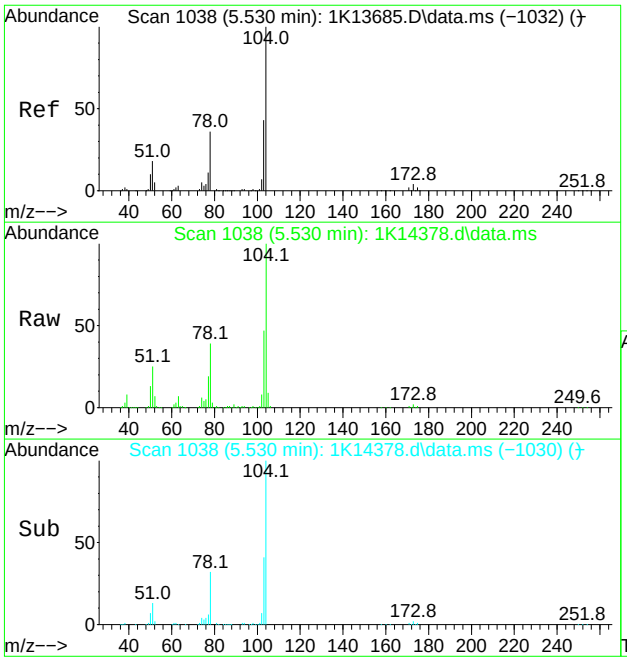


#89
o-xylene
Concen: 47.4090 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:106 Resp: 461016

Ion	Ratio	Lower	Upper
106	100		
91	203.1	186.3	246.3
77	23.8	7.1	47.1

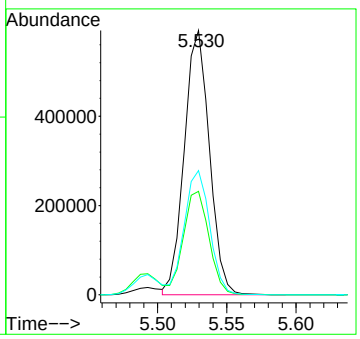


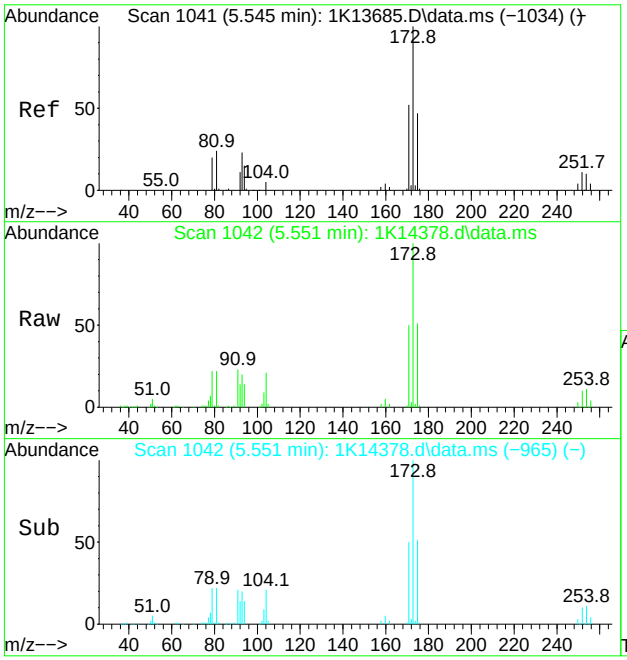


#90
styrene
Concen: 46.8618 ug/L
RT: 5.530 min Scan# 1038
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:104 Resp: 750486

Ion	Ratio	Lower	Upper
104	100		
78	39.2	10.4	70.4
103	46.9	17.6	77.6

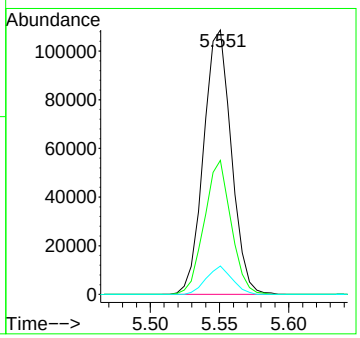


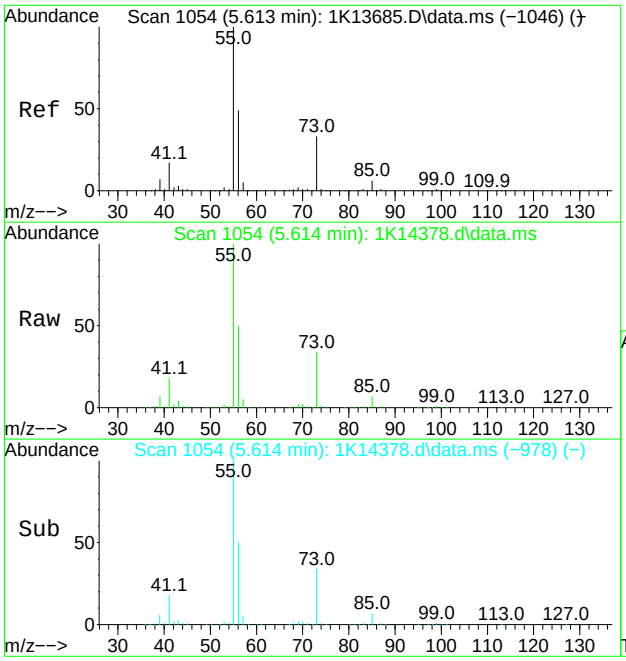


#91
bromoform
Concen: 43.5687 ug/L
RT: 5.551 min Scan# 1042
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:173 Resp: 150907

Ion	Ratio	Lower	Upper
173	100		
175	50.7	17.2	77.2
254	10.7	0.0	39.9

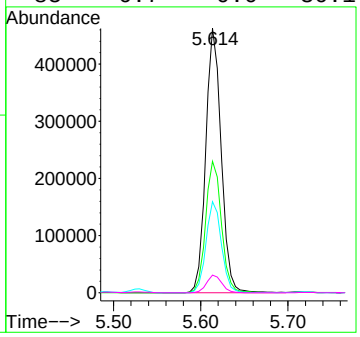


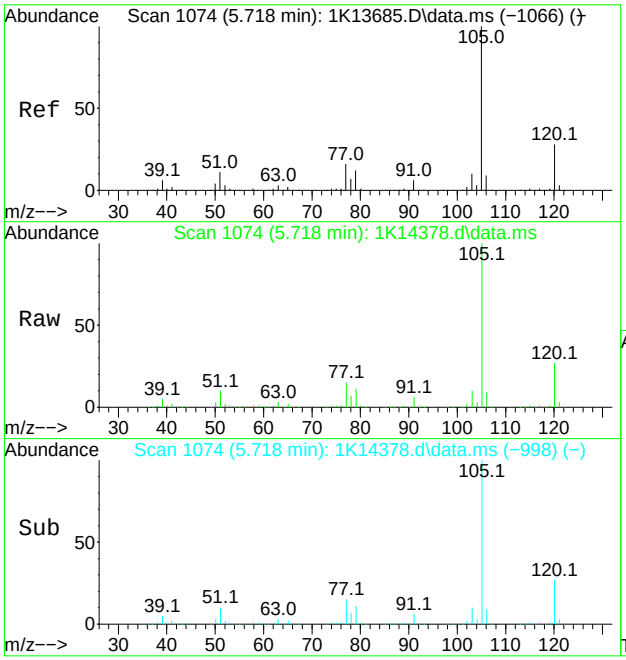


#92
butyl acrylate
Concen: 42.4062 ug/L
RT: 5.614 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 55 Resp: 568716

Ion	Ratio	Lower	Upper
55	100		
56	49.8	19.4	79.4
73	34.5	3.4	63.4
85	6.7	0.0	36.1

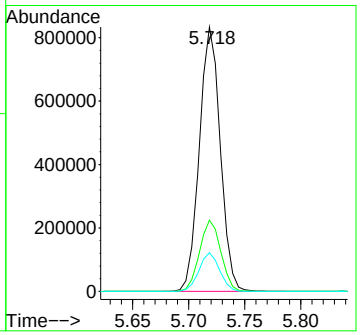


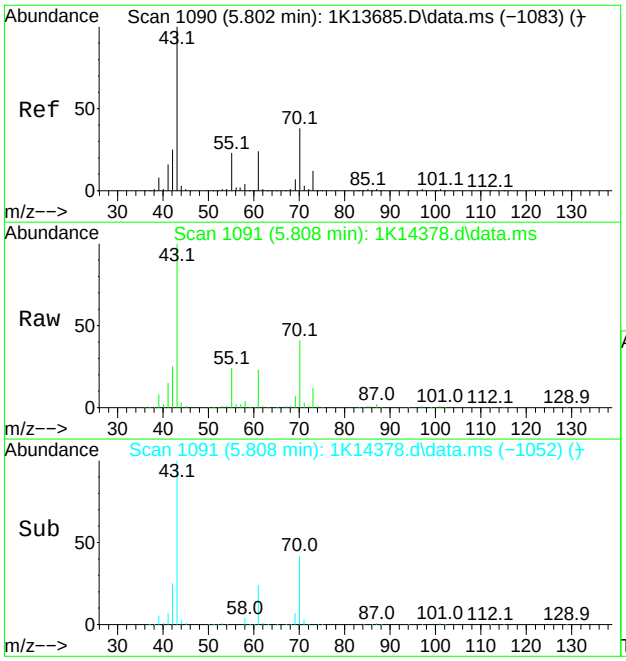


#93
isopropylbenzene
Concen: 46.9319 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:105 Resp: 1089764

Ion	Ratio	Lower	Upper
105	100		
120	26.9	7.6	47.6
77	14.6	0.0	35.6

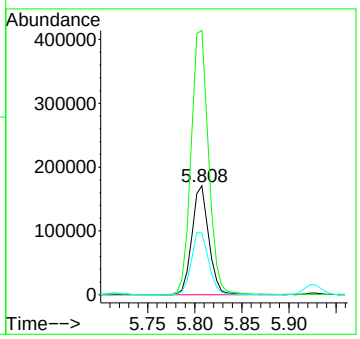


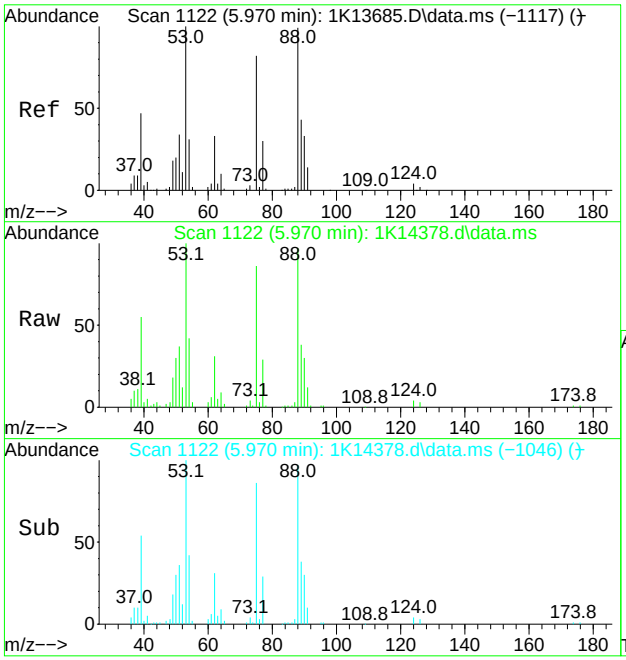


#94
n-amyl acetate
Concen: 44.4592 ug/L
RT: 5.808 min Scan# 1091
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 70 Resp: 214432

Ion	Ratio	Lower	Upper
70	100		
43	242.1	241.4	281.4
61	56.6	43.1	83.1

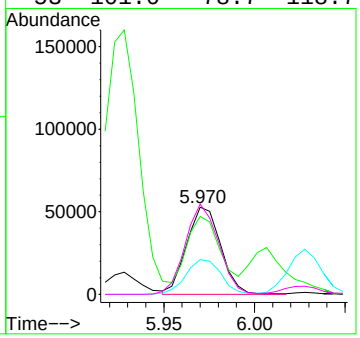


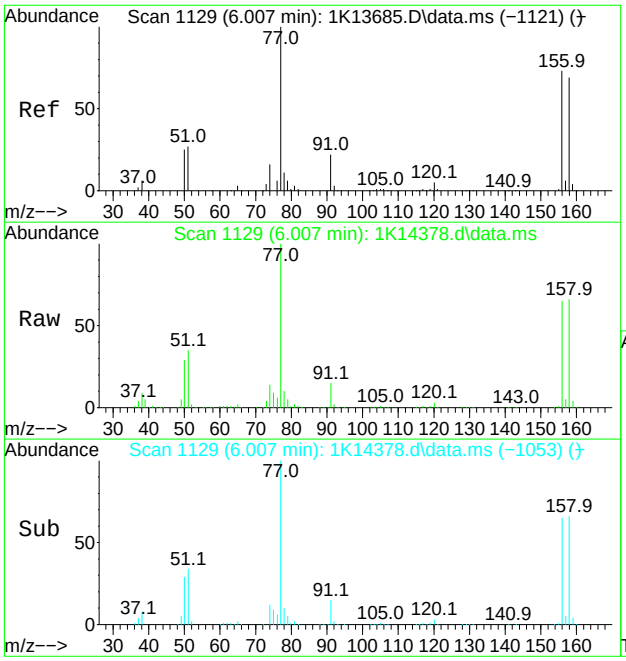


#95
cis-1,4-dichloro-2-butene
Concen: 24.0159 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 88 Resp: 69218

Ion	Ratio	Lower	Upper
88	100		
75	74.7	61.4	101.4
89	38.7	22.1	62.1
53	101.0	78.7	118.7

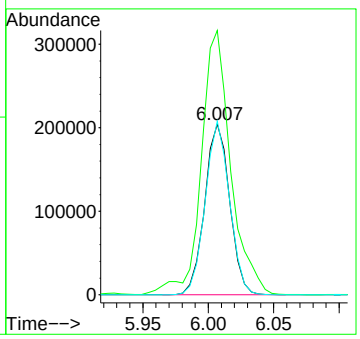


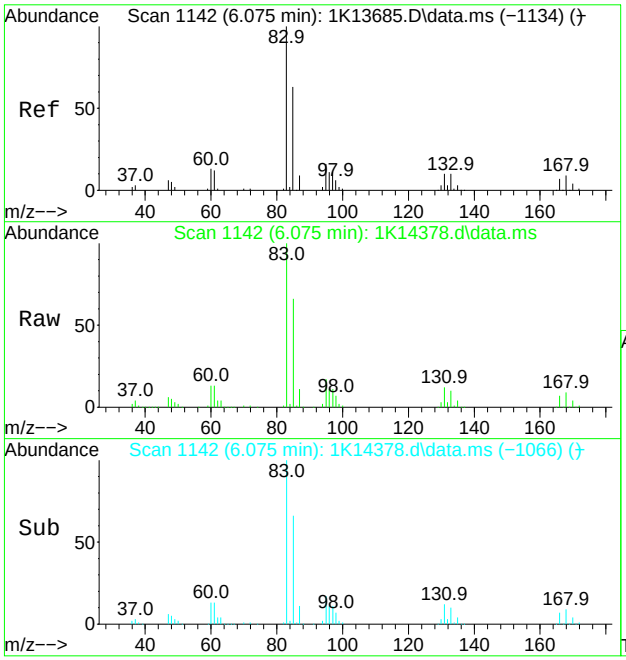


#98
bromobenzene
Concen: 44.6987 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:156 Resp: 271420

Ion	Ratio	Lower	Upper
156	100		
77	154.8	121.4	181.4
158	101.7	64.8	124.8

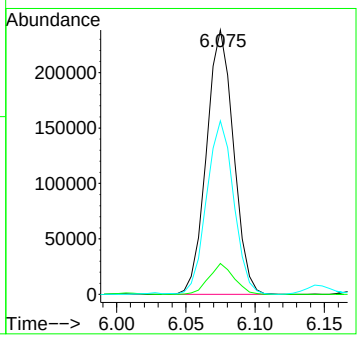


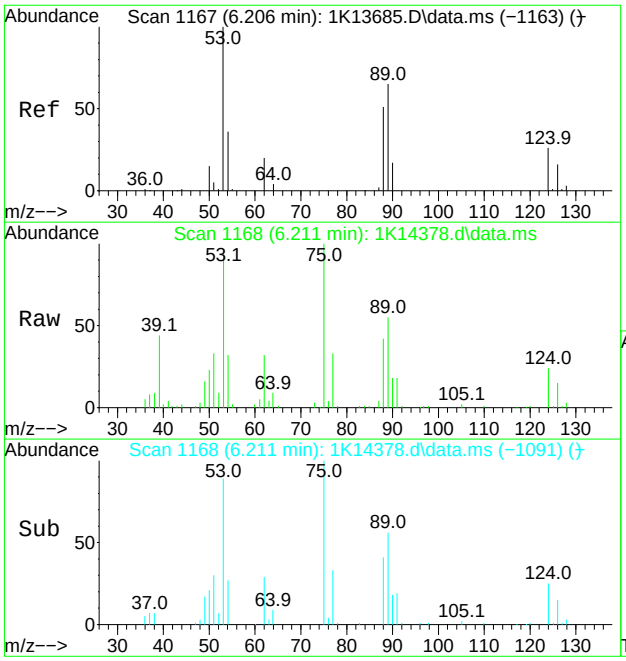


#99
1,1,2,2-tetrachloroethane
Concen: 46.5045 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 83 Resp: 322791

Ion	Ratio	Lower	Upper
83	100		
131	11.7	0.0	40.4
85	65.5	33.3	93.3

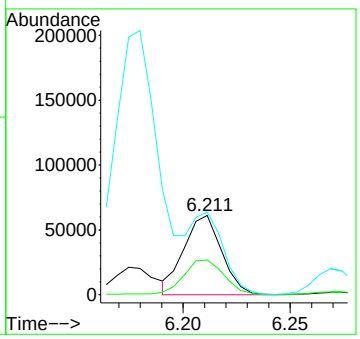


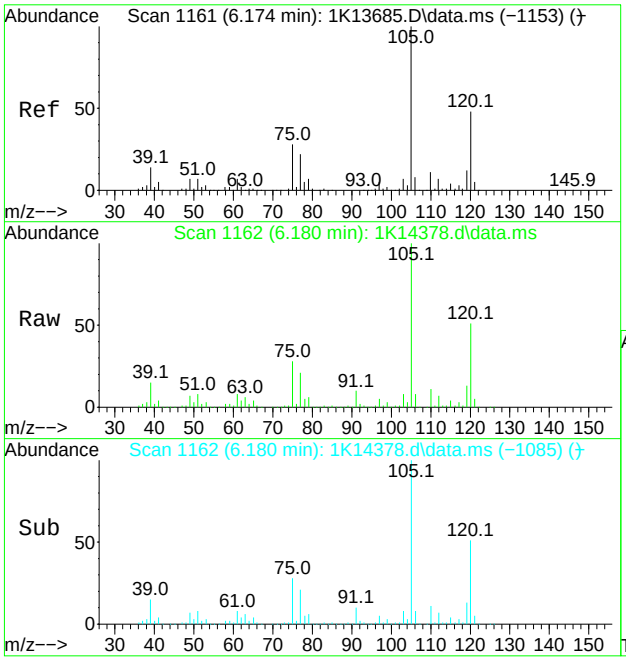


#100
trans-1,4-dichloro-2-butene
Concen: 26.6934 ug/L
RT: 6.211 min Scan# 1168
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 53 Resp: 75583

Ion	Ratio	Lower	Upper
53	100		
88	43.9	15.0	75.0
75	103.2	88.4	148.4

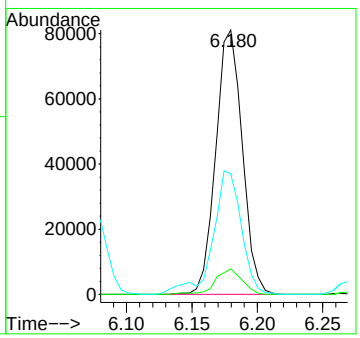


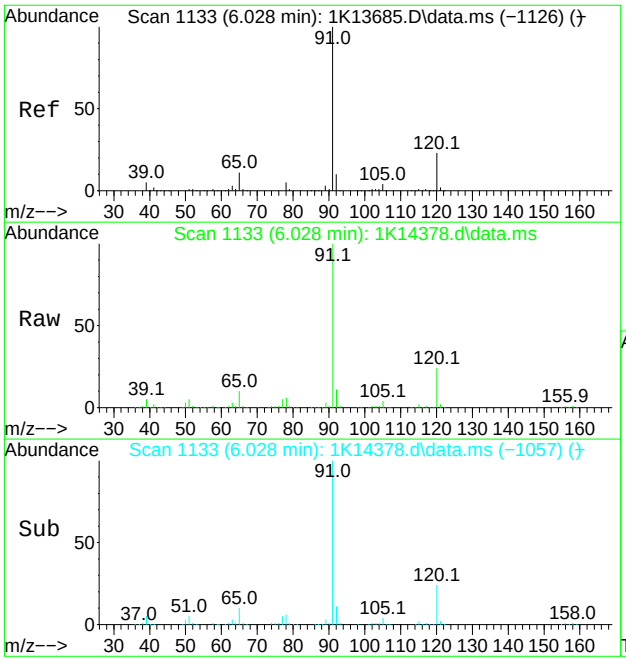


#101
1,2,3-trichloropropane
Concen: 49.4704 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:110 Resp: 114561

Ion	Ratio	Lower	Upper
110	100		
111	9.6	0.0	40.4
97	45.6	19.6	79.6

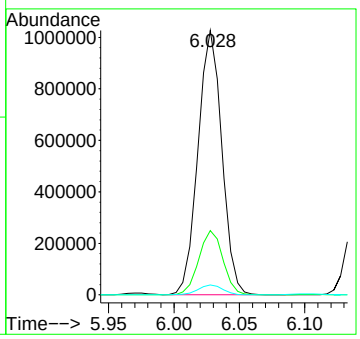


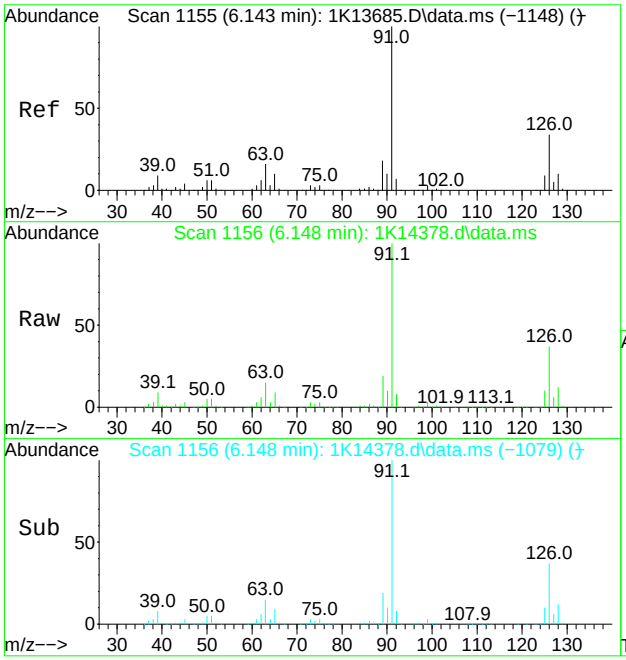


#102
n-propylbenzene
Concen: 44.6847 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 91 Resp: 1305658

Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	53.1
105	3.7	0.0	33.8

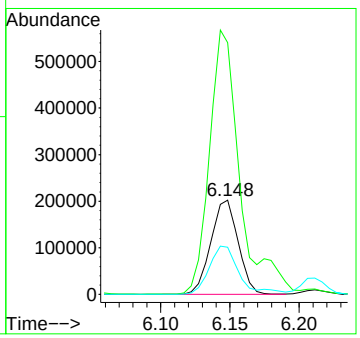




#103
2-chlorotoluene
Concen: 48.6515 ug/L
RT: 6.148 min Scan# 1156
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

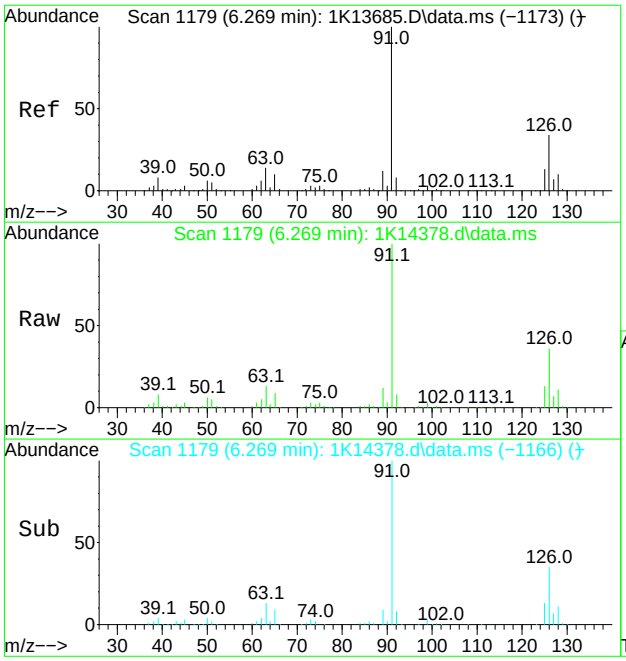
Tgt Ion:126 Resp: 276611

Ion	Ratio	Lower	Upper
126	100		
91	266.7	265.3	325.3
89	49.9	24.5	84.5



7.4.1

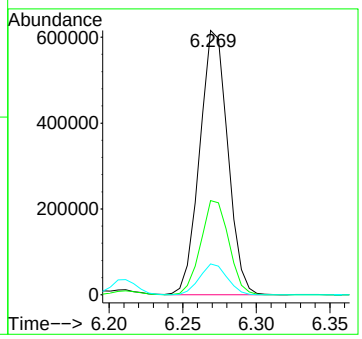
7

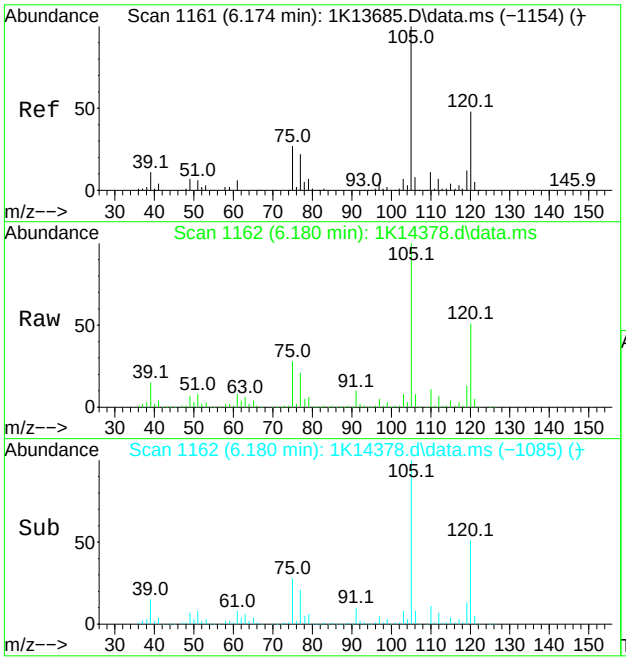


#104
4-chlorotoluene
Concen: 43.9277 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 91 Resp: 813055

Ion	Ratio	Lower	Upper
91	100		
126	35.6	3.8	63.8
89	11.6	0.0	41.7

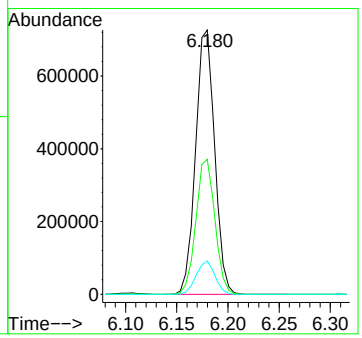


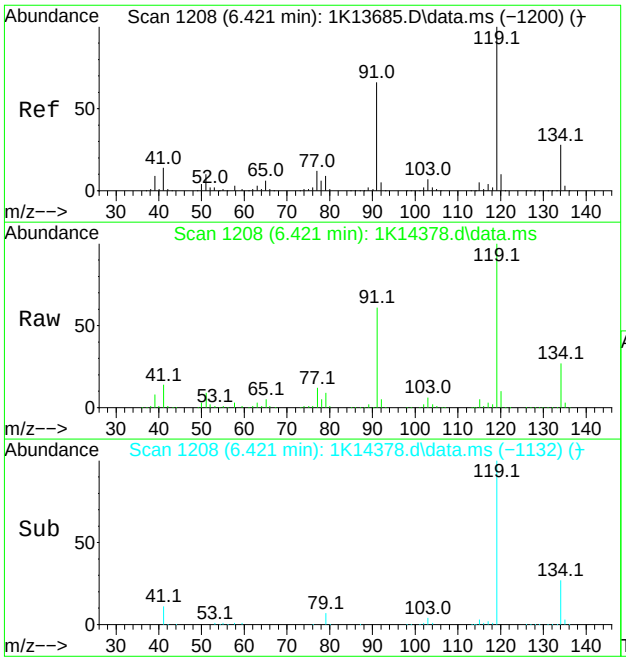


#105
1,3,5-trimethylbenzene
Concen: 47.2663 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:105 Resp: 945095

Ion	Ratio	Lower	Upper
105	100		
120	51.1	18.3	78.3
119	12.6	0.0	42.2

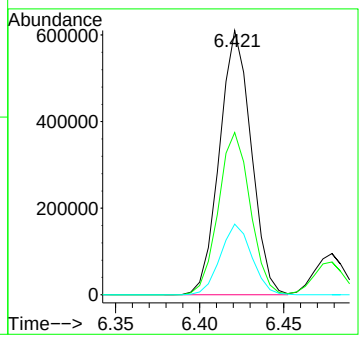


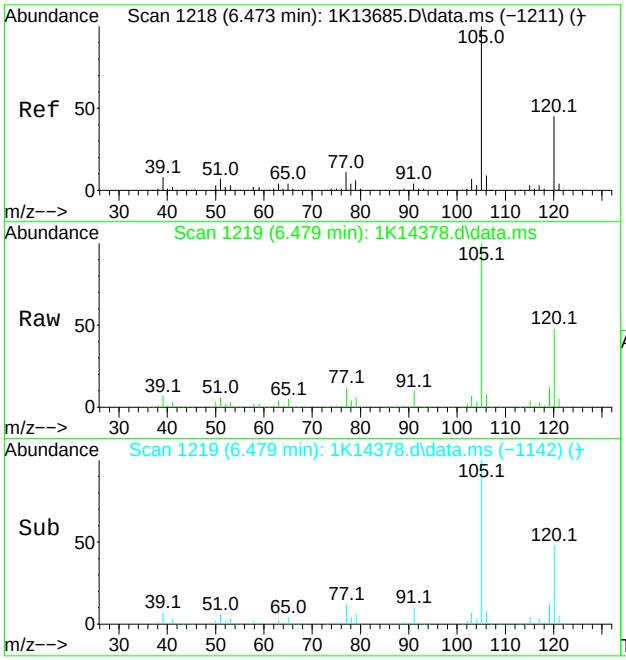


#106
tert-butylbenzene
Concen: 47.8486 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:119 Resp: 802146

Ion	Ratio	Lower	Upper
119	100		
91	61.4	36.3	96.3
134	26.7	0.0	57.5

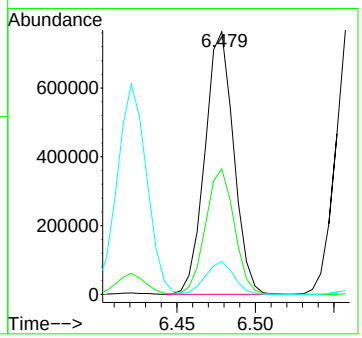


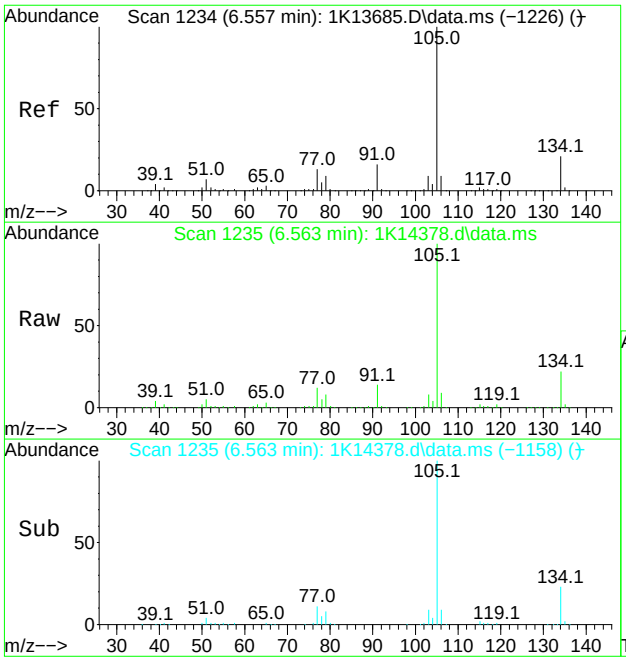


#107
1,2,4-trimethylbenzene
Concen: 46.7533 ug/L
RT: 6.479 min Scan# 1219
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:105 Resp: 971591

Ion	Ratio	Lower	Upper
105	100		
120	47.8	16.6	76.6
119	12.5	0.0	41.7

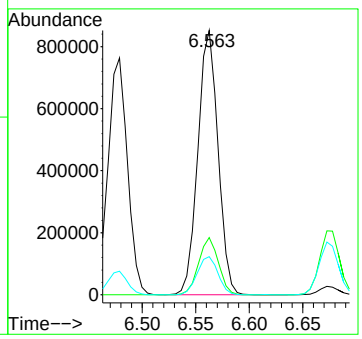


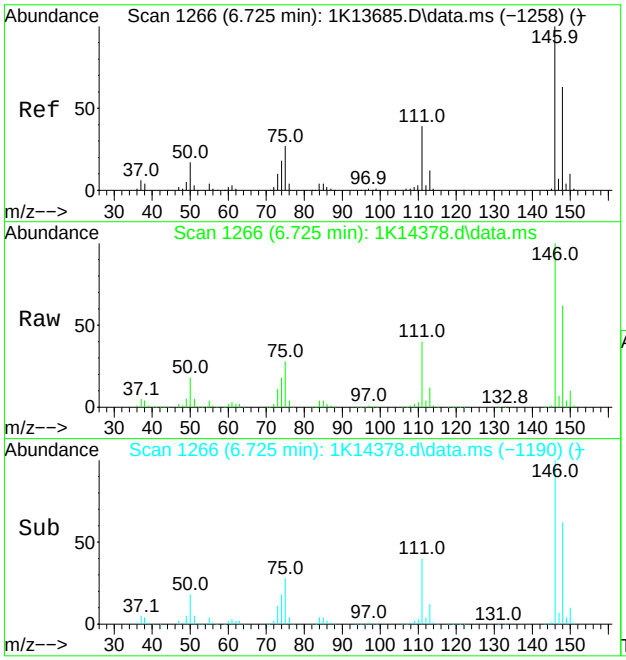


#108
sec-butylbenzene
Concen: 47.2040 ug/L
RT: 6.563 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:105 Resp: 1117444

Ion	Ratio	Lower	Upper
105	100		
134	21.7	0.0	50.7
91	14.4	0.0	45.7

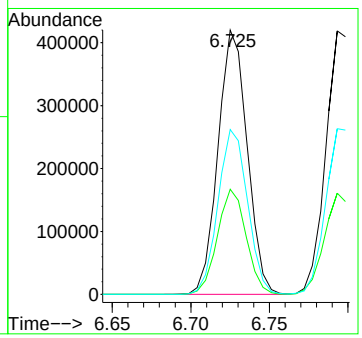


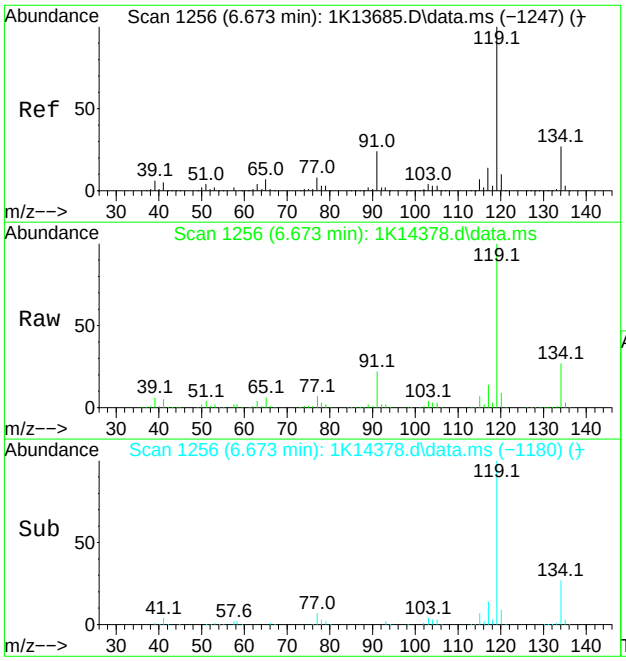


#109
1,3-dichlorobenzene
Concen: 46.1773 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:146 Resp: 543945

Ion	Ratio	Lower	Upper
146	100		
111	39.8	8.8	68.8
148	62.3	33.3	93.3

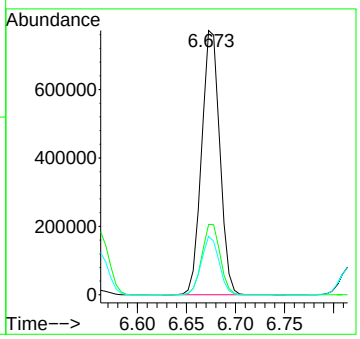


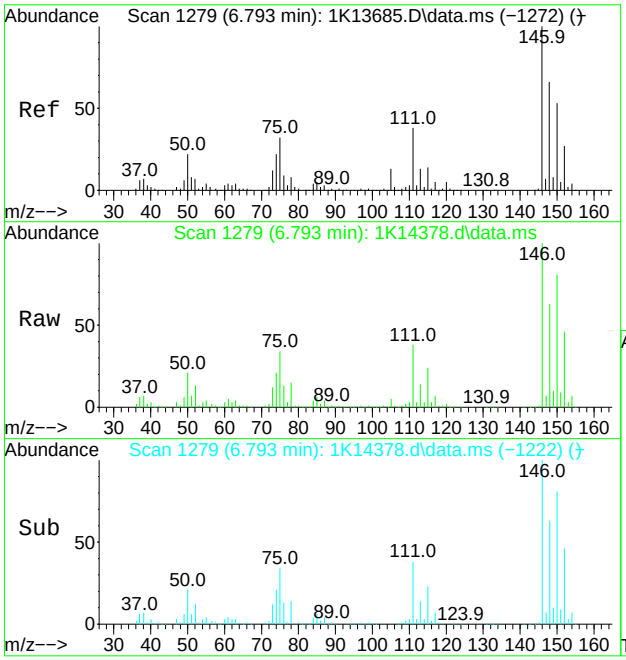


#110
p-isopropyltoluene
Concen: 49.7505 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:119 Resp: 997351

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	57.5
91	22.0	0.0	53.9

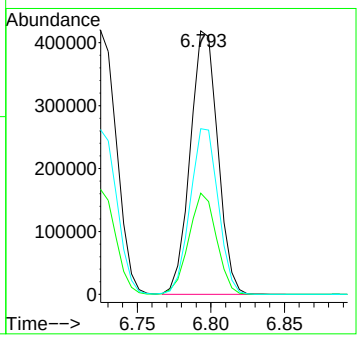


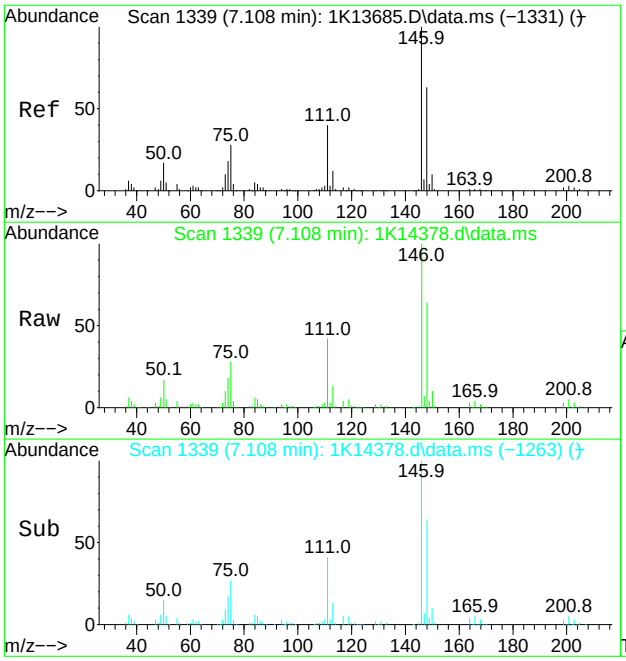


#111
1,4-dichlorobenzene
Concen: 45.7582 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:146 Resp: 544388

Ion	Ratio	Lower	Upper
146	100		
111	38.4	7.8	67.8
148	62.9	35.5	95.5

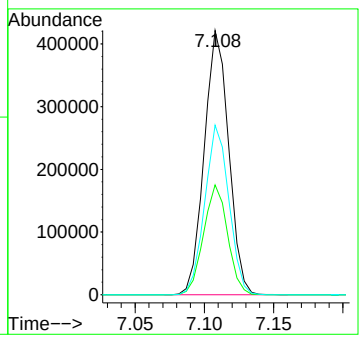


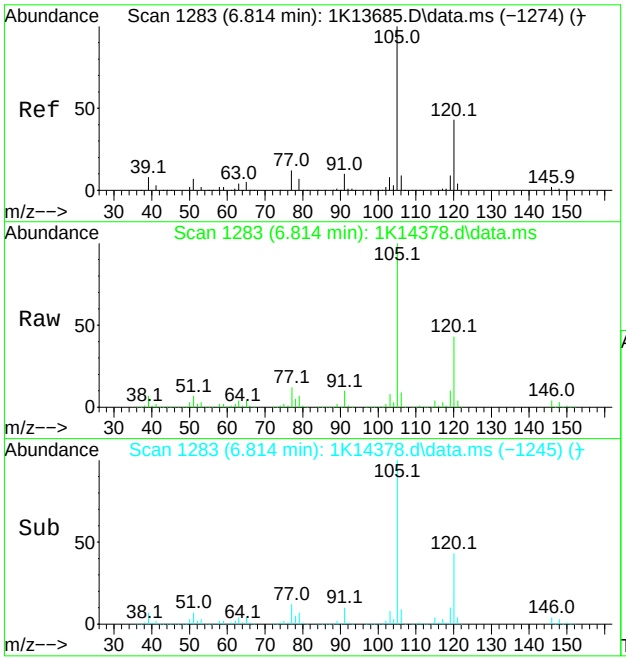


#112
1,2-dichlorobenzene
Concen: 46.2131 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:146 Resp: 515933

Ion	Ratio	Lower	Upper
146	100		
111	41.6	9.5	69.5
148	64.1	32.9	92.9

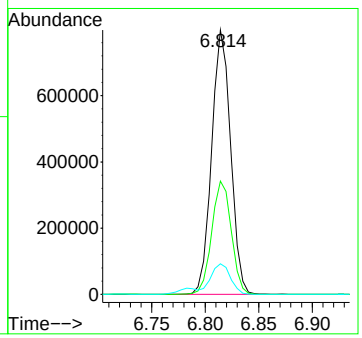


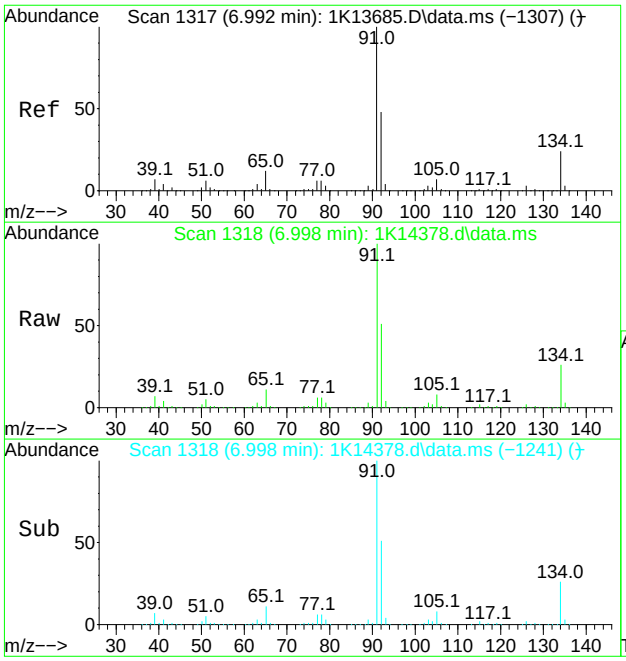


#113
1,2,3-trimethylbenzene
Concen: 46.2050 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:105 Resp: 985516

Ion	Ratio	Lower	Upper
105	100		
120	42.8	13.3	73.3
77	11.5	0.0	42.2

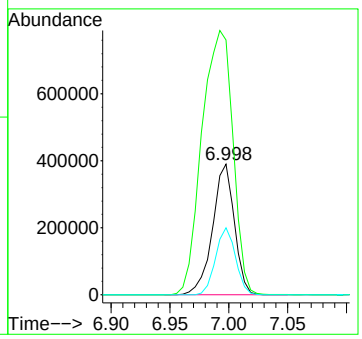


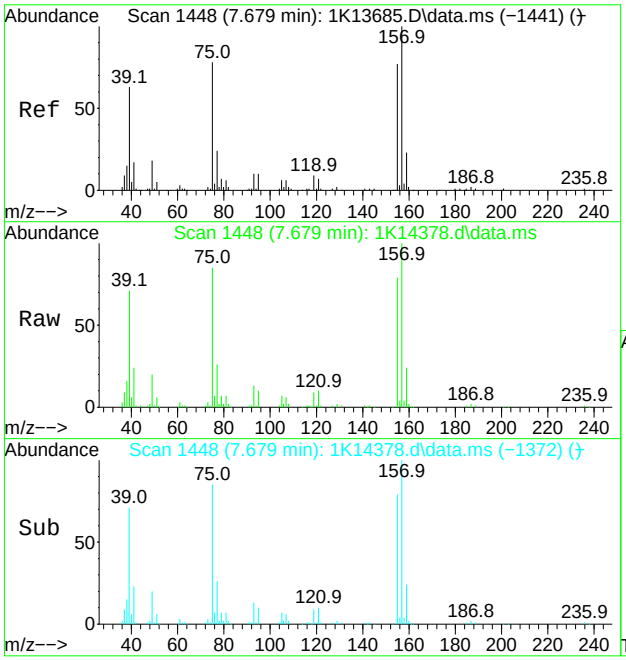


#114
n-butylbenzene
Concen: 47.1232 ug/L
RT: 6.998 min Scan# 1318
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion: 92 Resp: 503592

Ion	Ratio	Lower	Upper
92	100		
91	195.1	176.9	236.9
134	51.4	18.8	78.8

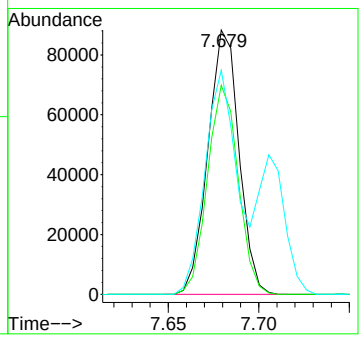


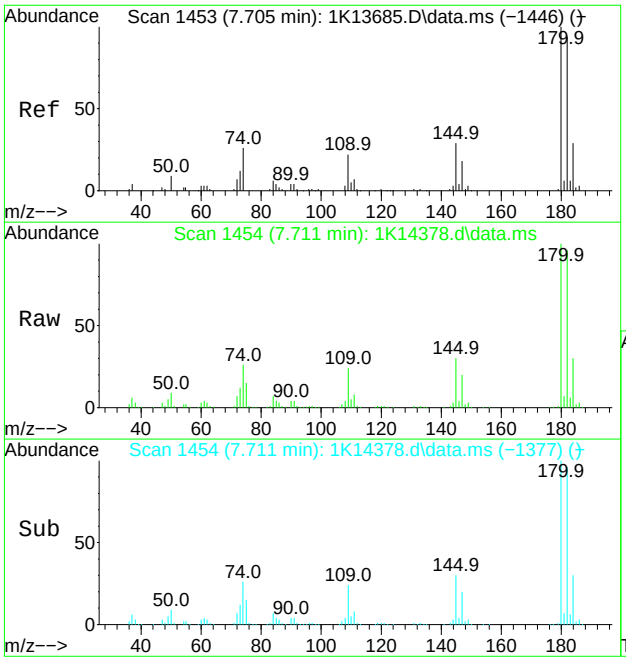


#115
1,2-dibromo-3-chloropropane
Concen: 45.6364 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:157 Resp: 104955

Ion	Ratio	Lower	Upper
157	100		
155	79.1	47.4	107.4
75	84.7	47.7	107.7

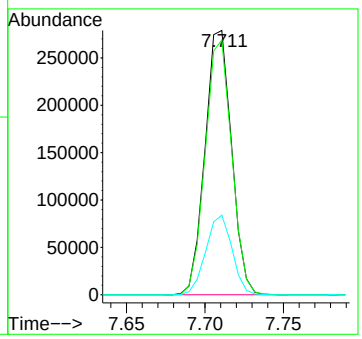


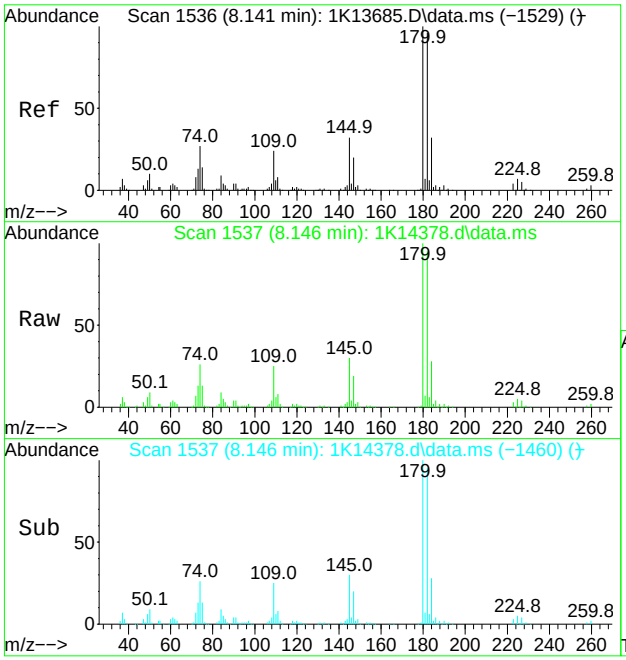


#116
1,3,5-trichlorobenzene
Concen: 44.5903 ug/L
RT: 7.711 min Scan# 1454
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:180 Resp: 329224

Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.2	114.2
184	30.1	9.3	49.3

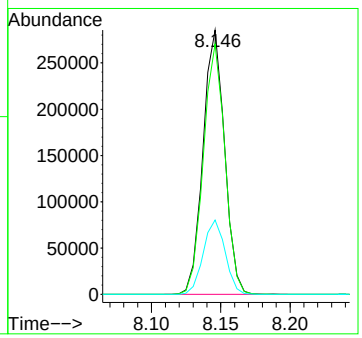


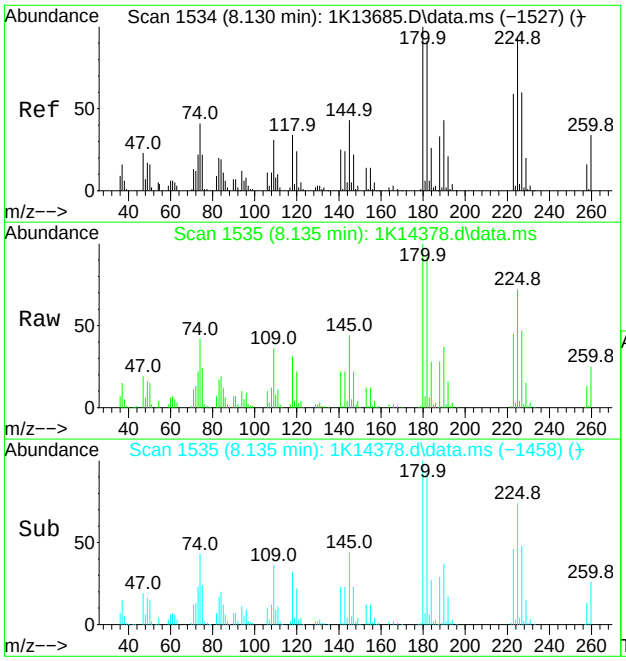


#117
1,2,4-trichlorobenzene
Concen: 46.0559 ug/L
RT: 8.146 min Scan# 1537
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:180 Resp: 307506

Ion	Ratio	Lower	Upper
180	100		
182	94.6	66.2	126.2
184	28.1	1.6	61.6

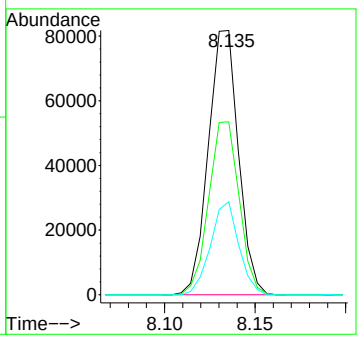


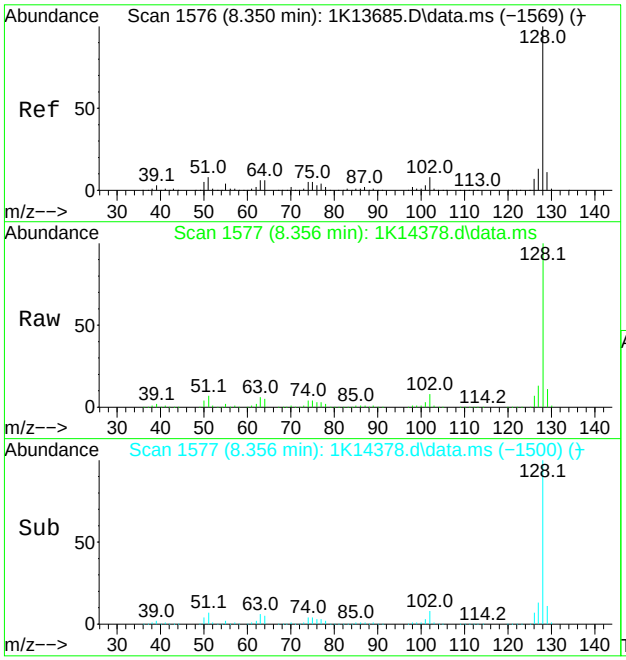


#118
hexachlorobutadiene
Concen: 40.5041 ug/L
RT: 8.135 min Scan# 1535
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:225 Resp: 94458

Ion	Ratio	Lower	Upper
225	100		
227	65.4	34.0	94.0
260	35.2	6.4	66.4

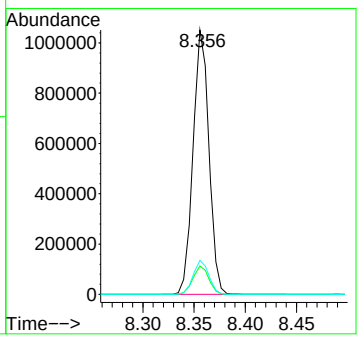


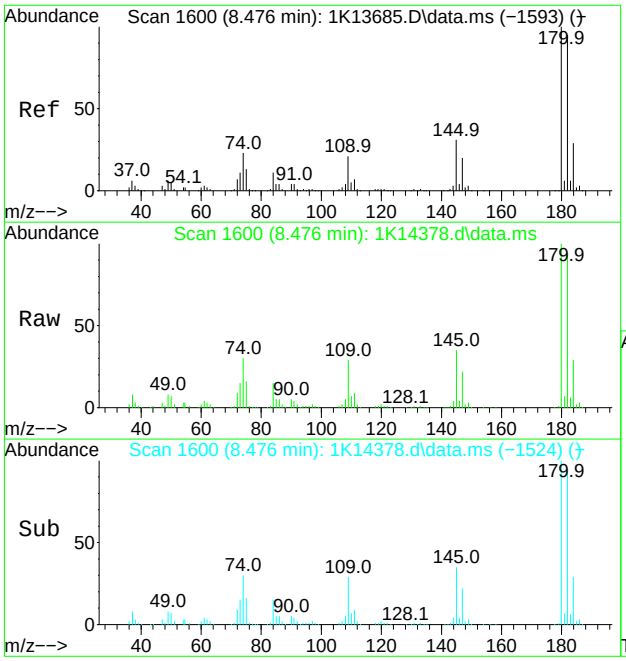


#119
naphthalene
Concen: 48.8229 ug/L
RT: 8.356 min Scan# 1577
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:128 Resp: 1139647

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.7
127	12.8	0.0	42.5

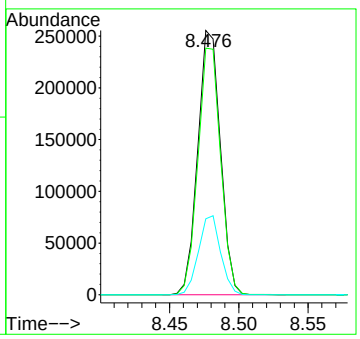


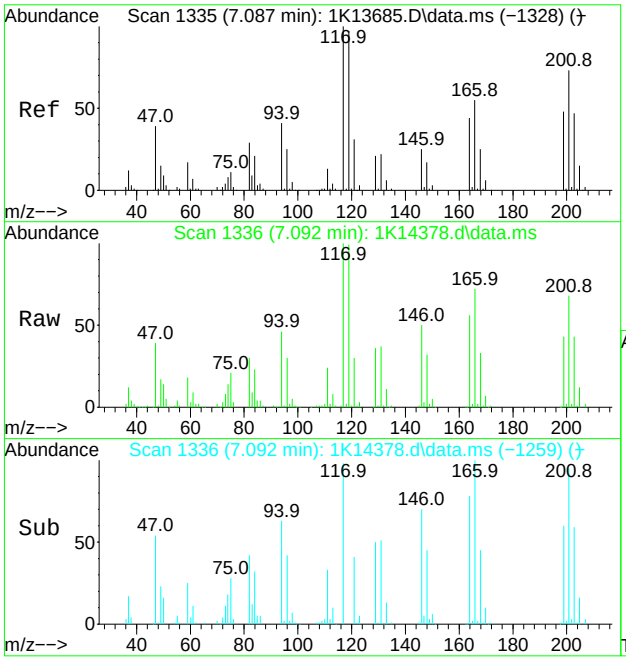


#120
1,2,3-trichlorobenzene
Concen: 46.5272 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:180 Resp: 289957

Ion	Ratio	Lower	Upper
180	100		
182	93.3	64.7	124.7
184	28.7	0.0	59.2

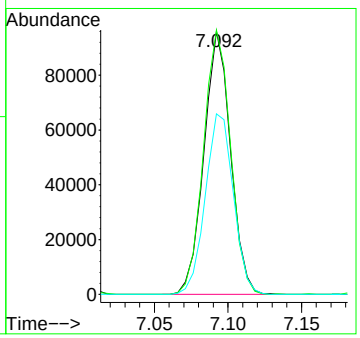


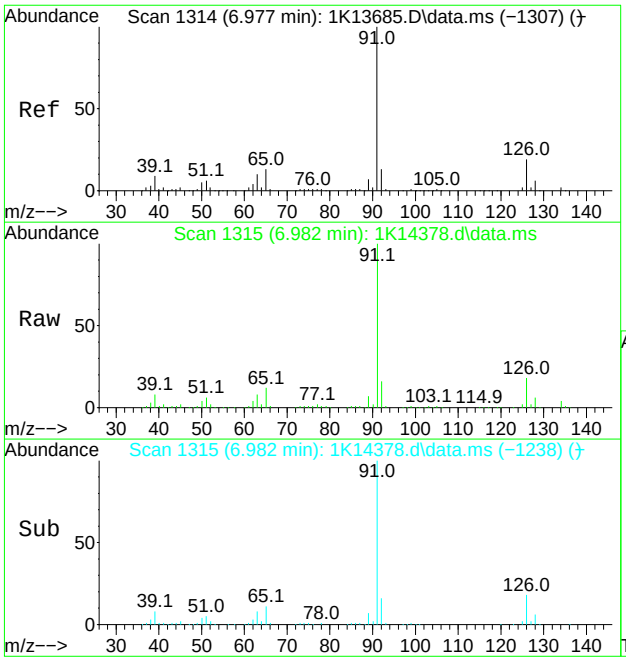


#121
hexachloroethane
Concen: 42.7544 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:119 Resp: 120352

Ion	Ratio	Lower	Upper
119	100		
117	100.6	73.4	133.4
201	68.7	45.3	105.3

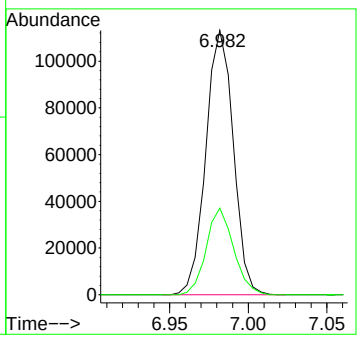


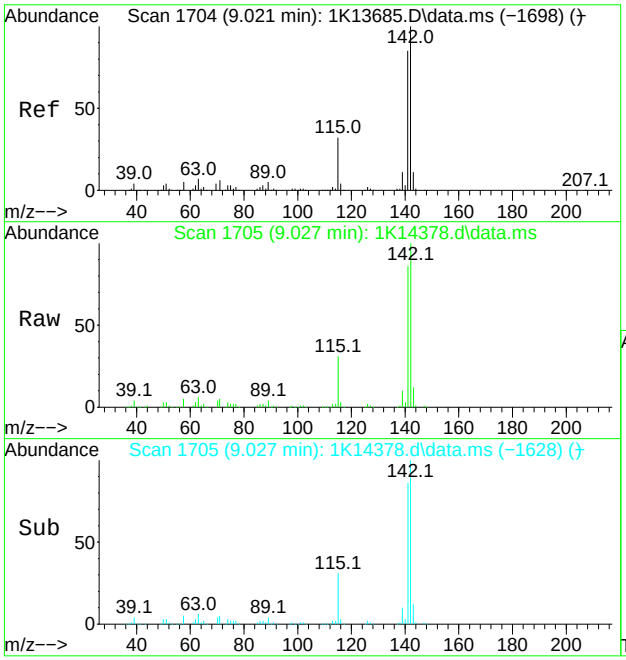


#122
benzyl chloride
Concen: 44.2059 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:126 Resp: 138193

Ion	Ratio	Lower	Upper
126	100		
128	32.7	2.6	62.6

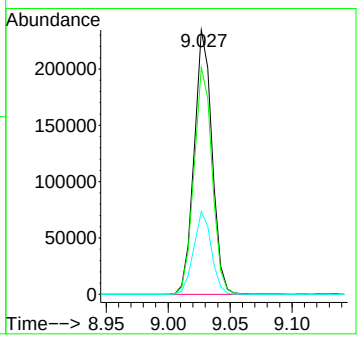




#123
2-methylnaphthalene
Concen: 24.7240 ug/L
RT: 9.027 min Scan# 1705
Delta R.T. 0.006 min
Lab File: 1K14378.d
Acq: 20 Dec 2023 6:01 pm

Tgt Ion:142 Resp: 236575

Ion	Ratio	Lower	Upper
142	100		
141	85.8	55.2	115.2
115	31.4	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14380.d
Acq On : 20 Dec 2023 6:34 pm
Operator : louied
Sample : jd78872-5msd Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 21 01:58:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	519445	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	588585	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	1154407	50.00	ug/L		0.00
72) chlorobenzene-d5	5.063	117	977317	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	472313	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	588585	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	472313	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	315156	52.94	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 105.88%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	358244	48.09	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 96.18%				
73) toluene-d8 (s)	4.061	98	1302088	48.56	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.12%				
97) 4-bromofluorobenzene (s)	5.928	95	451359	48.44	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 96.88%				
Target Compounds							Qvalue
2) ethanol	1.676	45	510282	4210.3477	ug/L		97
3) tertiary butyl alcohol	2.090	59	302390	223.6753	ug/L		83
4) 1,4-dioxane	3.689	88	126741	1207.7598	ug/L		91
6) chlorodifluoromethane	1.120	51	340323	45.0349	ug/L		97
7) dichlorodifluoromethane	1.094	85	275843	58.7014	ug/L		99
8) chloromethane	1.199	50	234381	45.3814	ug/L		100
9) vinyl chloride	1.230	62	331468	55.7525	ug/L		99
10) 1,3-butadiene	1.235	39	346430	56.3389	ug/L		94
11) bromomethane	1.377	96	121644	114.2073	ug/L	#	95
12) chloroethane	1.435	64	234939	71.5067	ug/L		97
13) trichlorofluoromethane	1.492	101	474732	72.2967	ug/L		99
14) ethyl ether	1.618	74	164584	58.8269	ug/L		86
15) acrolein	1.859	56	71452	51.2512	ug/L		98
16) freon 113	1.728	151	175713	48.7003	ug/L		96
17) 1,1-dichloroethene	1.718	61	356619	49.4486	ug/L		97
18) acetone	1.980	58	162121	139.9285	ug/L		95
19) acetonitrile	2.195	41	534264	555.8524	ug/L		98
20) iodomethane	1.796	142	186837	53.6026	ug/L		96
21) carbon disulfide	1.754	76	626845	46.0124	ug/L		100
22) methylene chloride	1.975	84	243250	46.7819	ug/L		95
23) methyl acetate	2.027	74	63204	47.8463	ug/L	#	84
24) methyl tert butyl ether	2.074	73	737852	48.3275	ug/L		88
25) trans-1,2-dichloroethene	2.043	96	236010	48.5398	ug/L		96
26) hexane	2.069	57	602672	46.5510	ug/L		92
27) di-isopropyl ether	2.232	45	872750	52.8540	ug/L		99
28) ethyl tert-butyl ether	2.399	59	850251	49.2612	ug/L		97
29) 2-butanone	2.819	72	225779	178.2005	ug/L		98
30) 1,1-dichloroethane	2.315	63	447065	46.4375	ug/L		99
31) chloroprene	2.305	53	429148	46.9488	ug/L		97
32) acrylonitrile	2.331	52	129518	49.2232	ug/L		99
33) vinyl acetate	2.405	86	70707	59.2669	ug/L		95
34) ethyl acetate	2.719	70	40017	48.8560	ug/L		92
35) 2,2-dichloropropane	2.614	77	362379	46.7166	ug/L		100
36) cis-1,2-dichloroethene	2.562	96	2523617	462.6658	ug/L		96
37) propionitrile	2.976	54	701847	441.2282	ug/L		97
38) methyl acrylate	2.730	85	68188	49.2799	ug/L	#	94
39) bromochloromethane	2.662	128	129029	53.5927	ug/L	#	86
40) tetrahydrofuran	2.766	71	50949	44.2889	ug/L		87

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14380.d
Acq On : 20 Dec 2023 6:34 pm
Operator : louied
Sample : jd78872-5msd Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 21 01:58:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.683	47	132098	42.5457	ug/L		95
43) methacrylonitrile	2.987	67	146489	44.1609	ug/L		92
44) 1,1,1-trichloroethane	2.798	97	398267	50.3132	ug/L		98
45) cyclohexane	2.672	84	397871	45.5847	ug/L		99
46) 1,1-dichloropropene	2.856	75	349605	48.8688	ug/L		95
47) carbon tetrachloride	2.766	117	322991	46.7122	ug/L		99
48) isobutyl alcohol	3.013	43	459723	427.3462	ug/L		97
49) tert-amyl alcohol	3.091	55	130823	237.6130	ug/L	#	73
52) iso-octane	2.897	57	756756	42.7781	ug/L		89
53) benzene	2.981	78	1032714	45.3876	ug/L		98
54) tert-amyl methyl ether	3.013	73	775257	44.6345	ug/L		99
55) heptane	2.939	57	157261	48.5610	ug/L		98
56) isopropyl acetate	3.170	87	81699	49.1378	ug/L	#	90
57) 1,2-dichloroethane	3.076	62	354908	43.5114	ug/L		99
58) n-butyl alcohol	3.401	56	797428	1810.3145	ug/L		100
59) ethyl acrylate	3.537	55	446926	43.6050	ug/L		99
60) trichloroethene	3.275	130	547360	95.3248	ug/L		96
61) 2-nitropropane	4.224	41	85434	29.7054	ug/L		97
62) 2-chloroethyl vinyl ether	3.899	63	720276	220.0598	ug/L		97
63) methyl methacrylate	3.652	100	88923	48.0883	ug/L		98
64) 1,2-dichloropropane	3.558	63	264860	45.2146	ug/L		97
65) methylcyclohexane	3.280	98	214678	48.3517	ug/L	#	96
66) dibromomethane	3.506	93	157931	47.2071	ug/L		98
67) bromodichloromethane	3.584	83	315608	44.4702	ug/L		99
68) epichlorohydrin	4.088	57	242503	204.1926	ug/L		96
69) cis-1,3-dichloropropene	3.946	75	413294	45.9830	ug/L		95
70) 4-methyl-2-pentanone	4.308	58	612232	183.5327	ug/L		99
71) 3-methyl-1-butanol	4.166	70	266688	751.3138	ug/L		97
74) toluene	4.093	92	636655	45.2693	ug/L		99
75) ethyl methacrylate	4.428	69	352488	44.3324	ug/L		94
76) trans-1,3-dichloropropene	4.339	75	382292	44.6243	ug/L		97
77) 1,1,2-trichloroethane	4.444	83	188210	45.6658	ug/L		97
78) tetrachloroethene	4.339	166	260686	45.8643	ug/L		99
79) 2-hexanone	4.848	58	664452	173.5279	ug/L		99
80) 1,3-dichloropropane	4.622	76	407264	44.9502	ug/L		99
81) butyl acetate	4.785	56	229480	44.3657	ug/L		97
82) dibromochloromethane	4.565	129	255627	50.8536	ug/L		100
83) 1,2-dibromoethane	4.722	107	247655	47.4375	ug/L		98
84) n-butyl ether	4.995	57	1170006	43.1053	ug/L		99
85) chlorobenzene	5.073	112	702315	47.1046	ug/L		95
86) 1,1,1,2-tetrachloroethane	5.115	131	242223	49.2247	ug/L		98
87) ethylbenzene	5.089	91	1203432	42.9258	ug/L		94
88) m,p-xylene	5.189	106	970797	92.8709	ug/L		95
89) o-xylene	5.493	106	474060	47.7072	ug/L		94
90) styrene	5.529	104	772205	47.1862	ug/L		99
91) bromoform	5.550	173	158337	44.7356	ug/L		97
92) butyl acrylate	5.613	55	587795	42.8909	ug/L		98
93) isopropylbenzene	5.718	105	1118820	47.1522	ug/L		99
94) n-amyl acetate	5.807	70	224330	45.5161	ug/L	#	90
95) cis-1,4-dichloro-2-butene	5.970	88	76634	26.0200	ug/L	#	86
98) bromobenzene	6.007	156	277313	45.4938	ug/L		96
99) 1,1,2,2-tetrachloroethane	6.075	83	331342	47.5531	ug/L		98
100) trans-1,4-dichloro-2-b...	6.211	53	79833	28.0861	ug/L		95
101) 1,2,3-trichloropropane	6.180	110	120289	51.7444	ug/L		95
102) n-propylbenzene	6.028	91	1349485	46.0072	ug/L		98
103) 2-chlorotoluene	6.143	126	289035	50.6414	ug/L		92
104) 4-chlorotoluene	6.269	91	840748	45.2494	ug/L		99
105) 1,3,5-trimethylbenzene	6.180	105	980769	48.8620	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14380.d
Acq On : 20 Dec 2023 6:34 pm
Operator : louied
Sample : jd78872-5msd Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 21 01:58:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

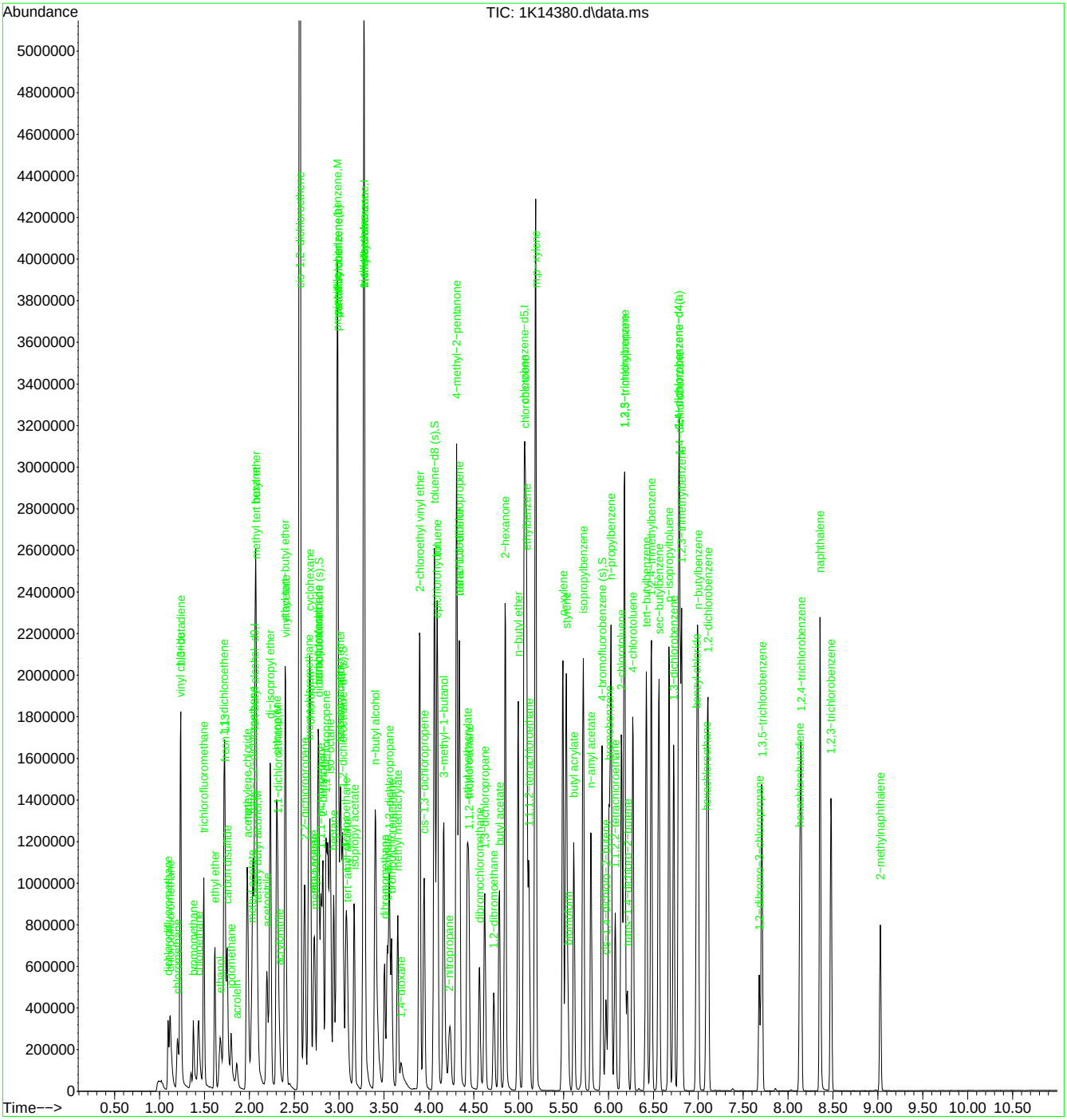
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	830821	49.3687	ug/L	96
107) 1,2,4-trimethylbenzene	6.478	105	1008605	48.3480	ug/L	99
108) sec-butylbenzene	6.562	105	1156235	48.6550	ug/L	98
109) 1,3-dichlorobenzene	6.725	146	560405	47.3919	ug/L	99
110) p-isopropyltoluene	6.672	119	1026842	51.0249	ug/L	97
111) 1,4-dichlorobenzene	6.793	146	562144	47.0692	ug/L	99
112) 1,2-dichlorobenzene	7.108	146	532314	47.4972	ug/L	98
113) 1,2,3-trimethylbenzene	6.814	105	1010339	47.1869	ug/L	99
114) n-butylbenzene	6.998	92	516889	48.1817	ug/L	93
115) 1,2-dibromo-3-chloropr...	7.679	157	109344	47.3622	ug/L	95
116) 1,3,5-trichlorobenzene	7.711	180	343395	46.3310	ug/L	99
117) 1,2,4-trichlorobenzene	8.146	180	316213	47.1780	ug/L	97
118) hexachlorobutadiene	8.130	225	97857	41.8005	ug/L	96
119) naphthalene	8.355	128	1179376	50.3308	ug/L	99
120) 1,2,3-trichlorobenzene	8.476	180	298845	47.7693	ug/L	98
121) hexachloroethane	7.092	119	123924	43.8542	ug/L	98
122) benzyl chloride	6.982	126	145203	46.2699	ug/L	98
123) 2-methylnaphthalene	9.027	142	247898	25.8079	ug/L	99

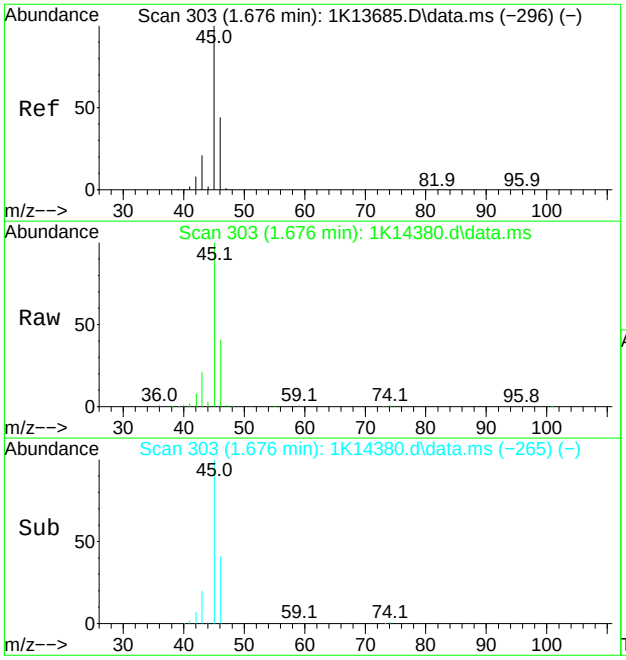
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14380.d
Acq On : 20 Dec 2023 6:34 pm
Operator : louied
Sample : jd78872-5msd Inst : GCMS K
Misc : MS76129,V1K391,5,,,,500
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 21 01:58:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

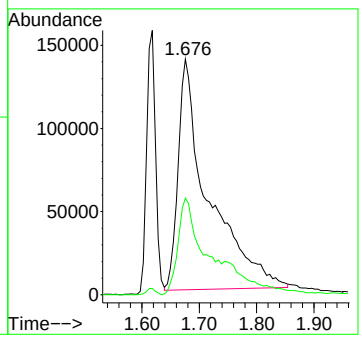


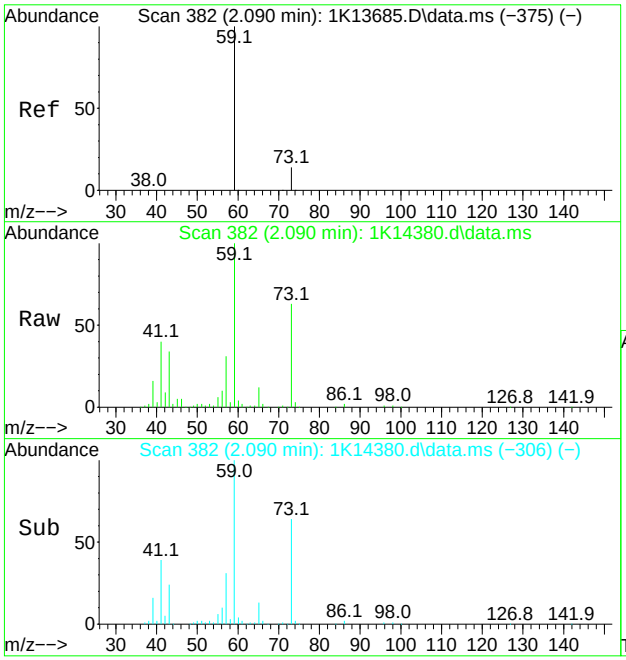


#2
ethanol
Concen: 4210.3477 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 45 Resp: 510282

Ion	Ratio	Lower	Upper
45	100		
46	42.0	23.9	63.9

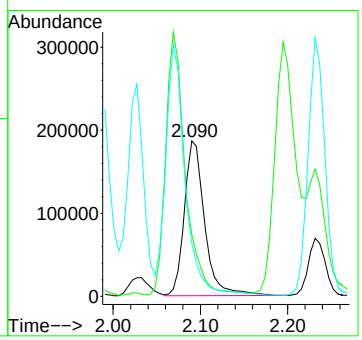


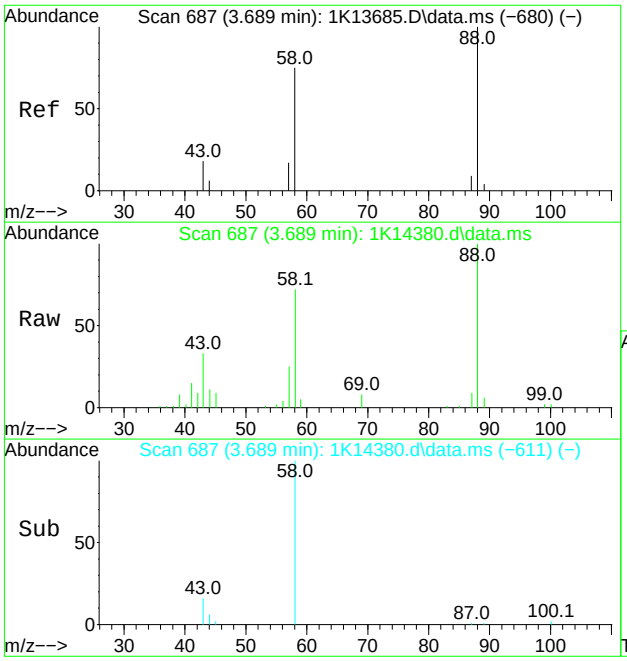


#3
tertiary butyl alcohol
Concen: 223.6753 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 59 Resp: 302390

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	33.4	0.0	54.8

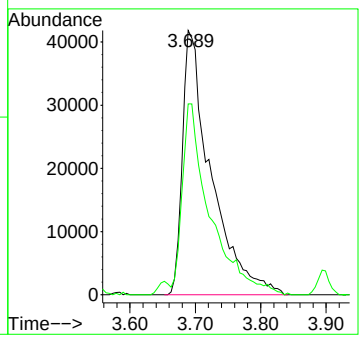


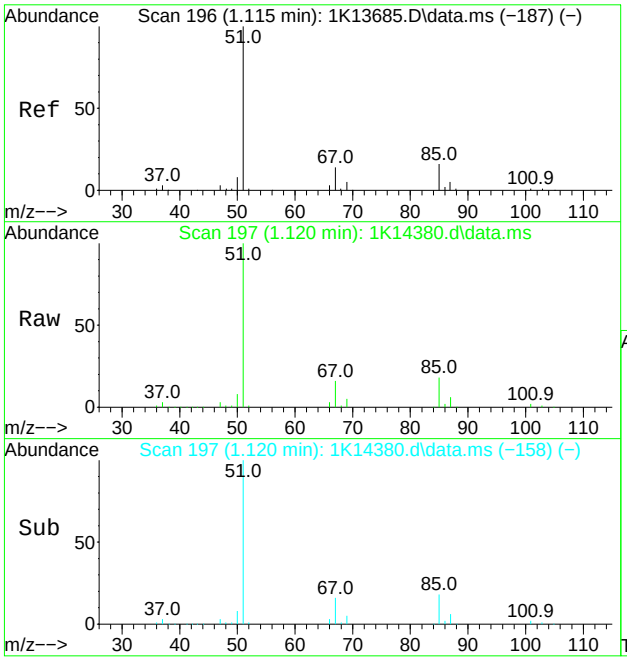


#4
1,4-dioxane
Concen: 1207.7598 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 88 Resp: 126741

Ion	Ratio	Lower	Upper
88	100		
58	71.5	59.5	99.5

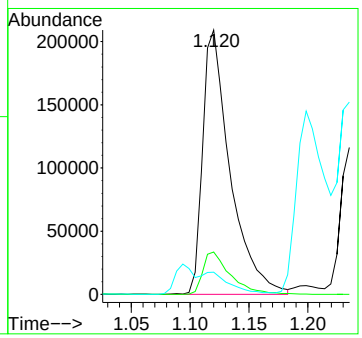


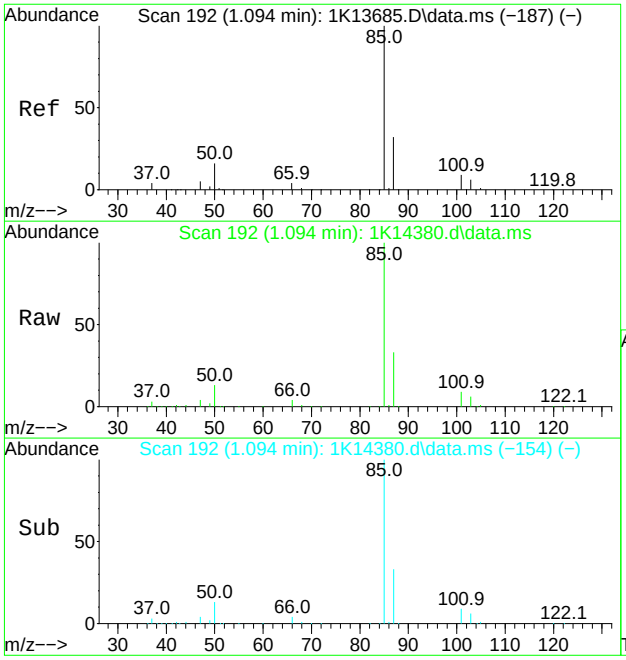


#6
chlorodifluoromethane
Concen: 45.0349 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 51 Resp: 340323

Ion	Ratio	Lower	Upper
51	100		
67	16.0	0.0	44.3
50	8.1	0.0	37.7

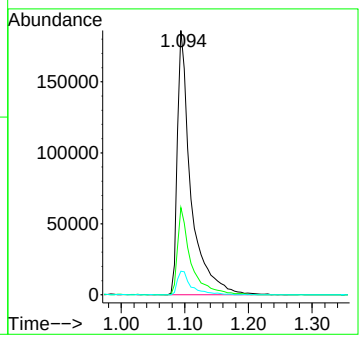


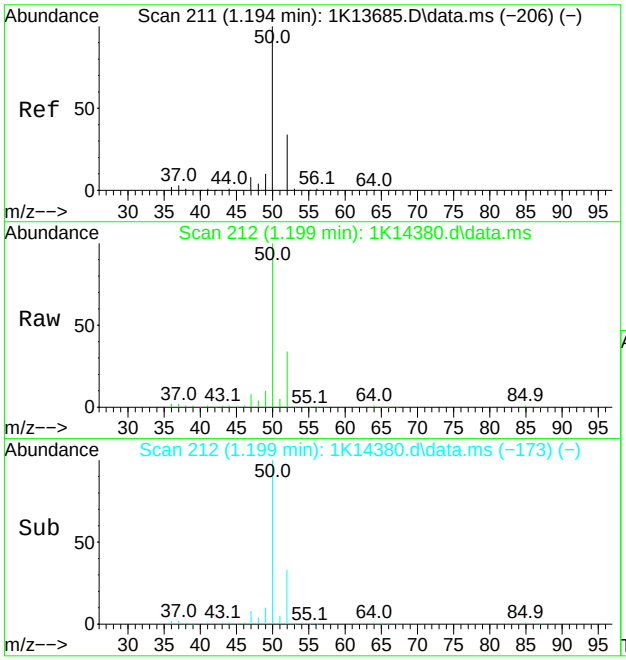


#7
dichlorodifluoromethane
Concen: 58.7014 ug/L
RT: 1.094 min Scan# 192
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 85 Resp: 275843

Ion	Ratio	Lower	Upper
85	100		
87	32.9	2.2	62.2
101	8.9	0.0	39.0

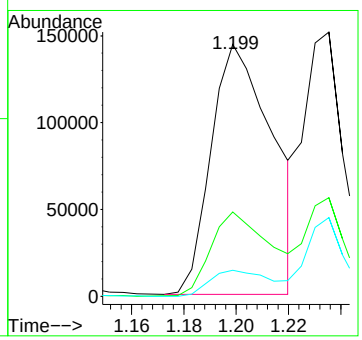


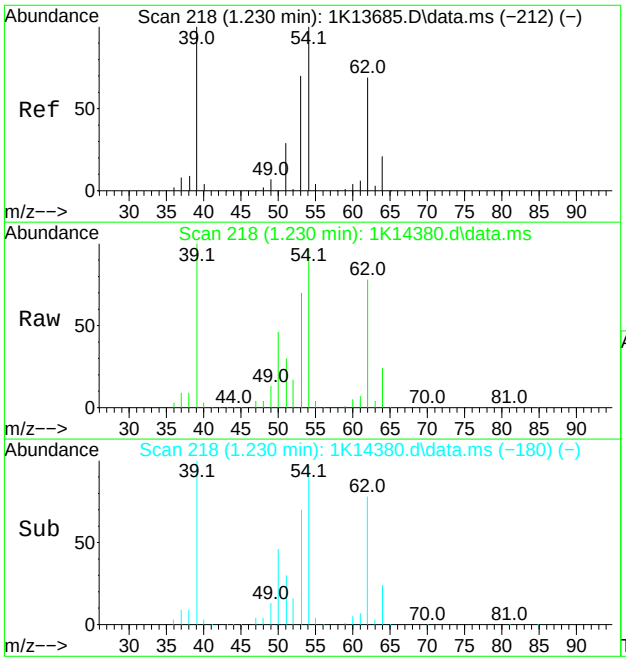


#8
chloromethane
Concen: 45.3814 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 50 Resp: 234381

Ion	Ratio	Lower	Upper
50	100		
52	33.5	3.6	63.6
49	10.4	0.0	40.4

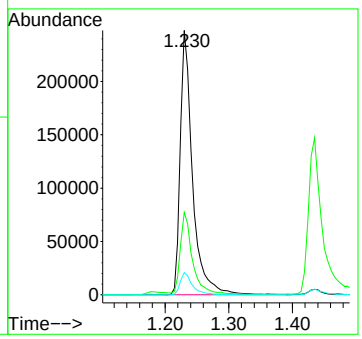


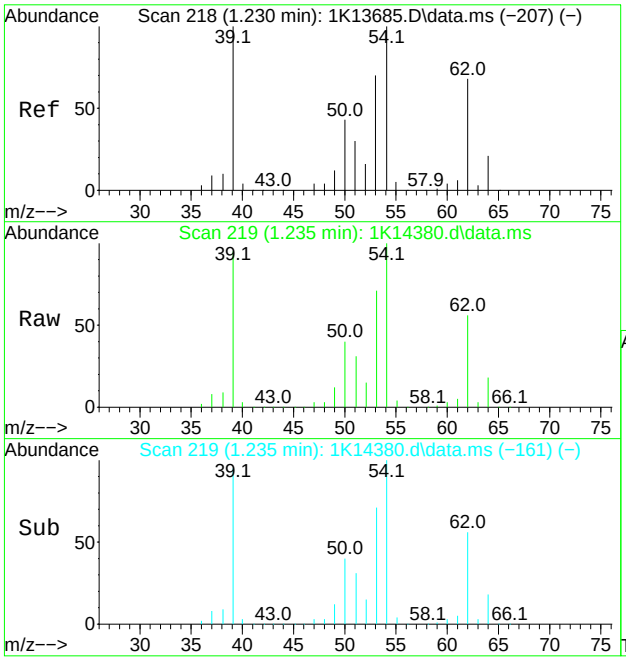


#9
vinyl chloride
Concen: 55.7525 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 62 Resp: 331468

Ion	Ratio	Lower	Upper
62	100		
64	30.9	1.3	61.3
61	8.4	0.0	39.1

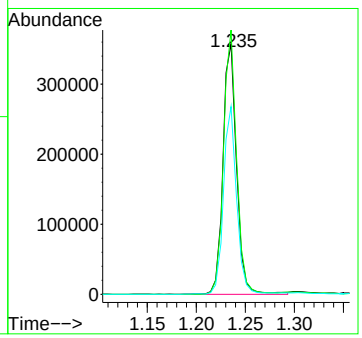


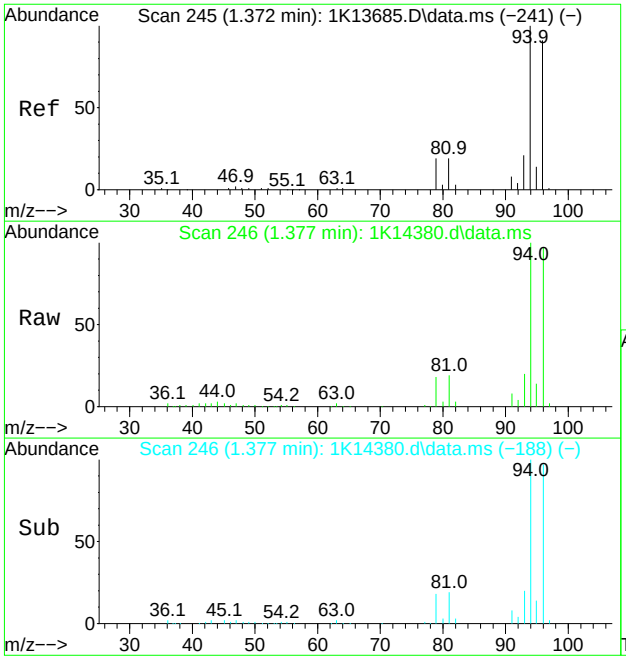


#10
1,3-butadiene
Concen: 56.3389 ug/L
RT: 1.235 min Scan# 219
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 39 Resp: 346430

Ion	Ratio	Lower	Upper
39	100		
54	105.6	69.8	129.8
53	75.1	40.1	100.1

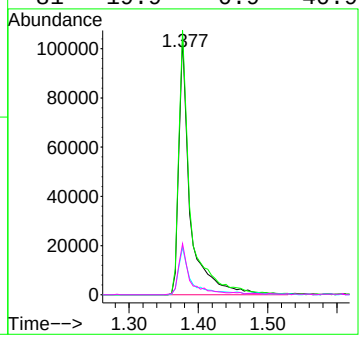


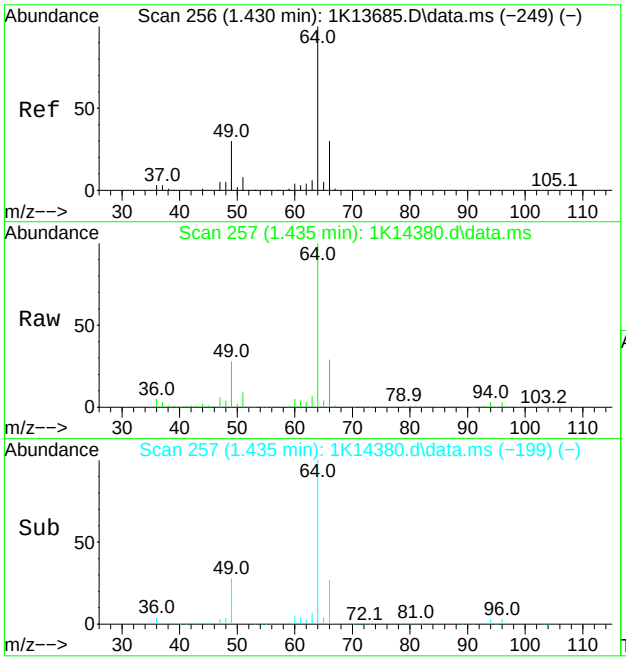


#11
bromomethane
Concen: 114.2073 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 96 Resp: 121644

Ion	Ratio	Lower	Upper
96	100		
94	102.8	79.4	139.4
79	18.5	20.3	20.3#
81	19.9	0.9	40.9

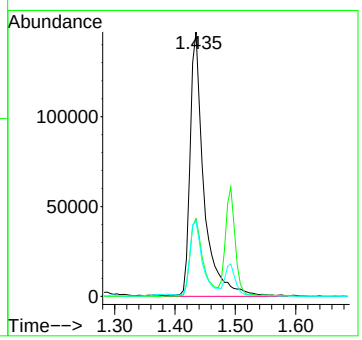


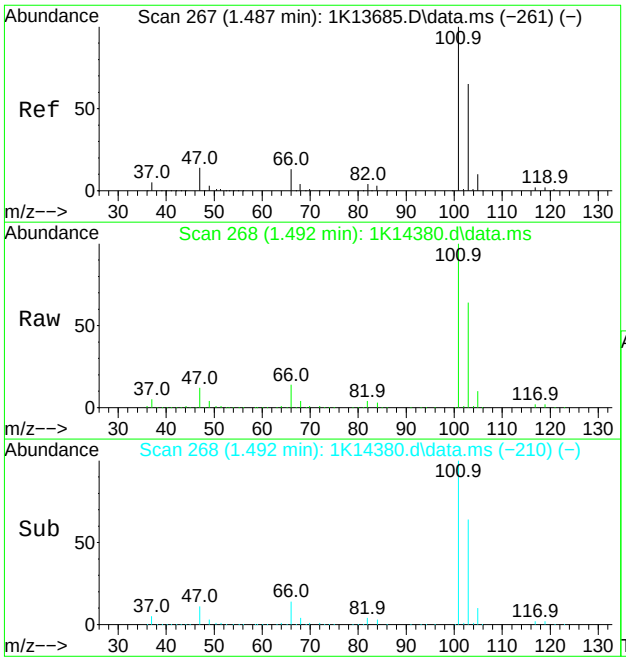


#12
chloroethane
Concen: 71.5067 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 64 Resp: 234939

Ion	Ratio	Lower	Upper
64	100		
66	29.3	0.2	60.2
49	28.2	0.3	60.3

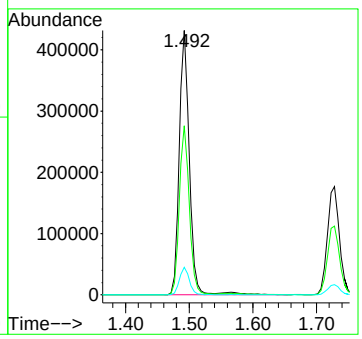


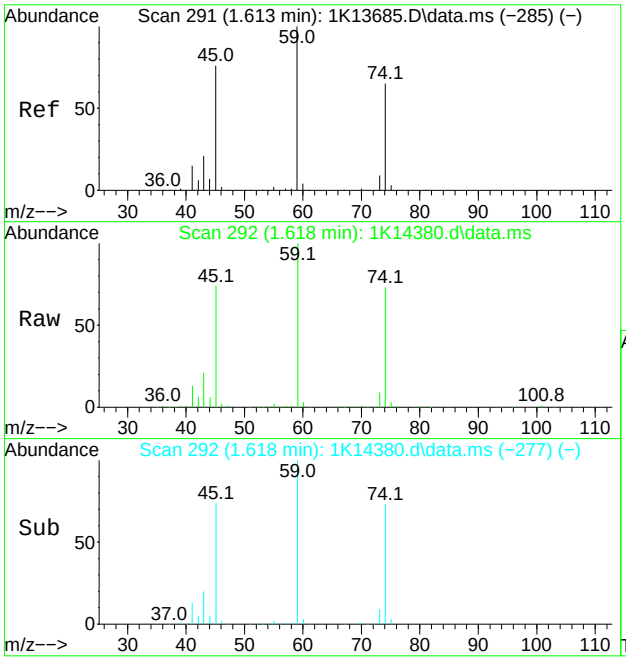


#13
trichlorofluoromethane
Concen: 72.2967 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:101 Resp: 474732

Ion	Ratio	Lower	Upper
101	100		
103	63.9	35.0	95.0
105	10.4	0.0	40.5

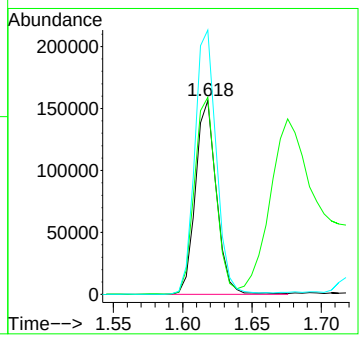


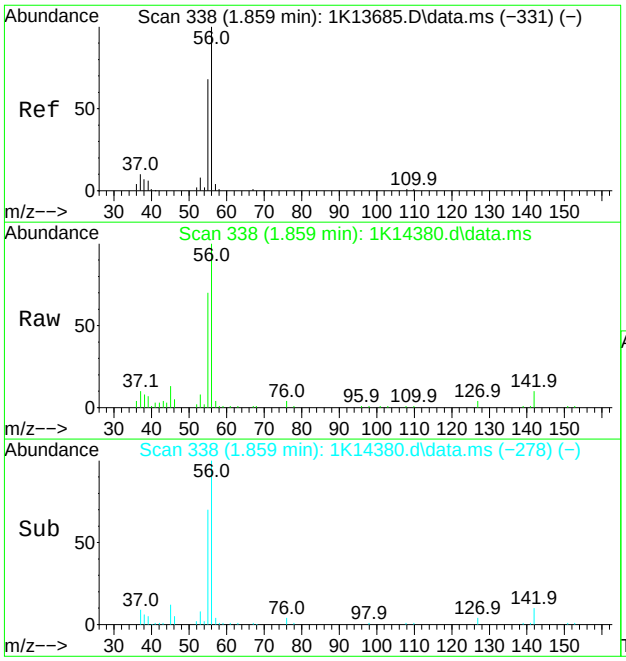


#14
ethyl ether
Concen: 58.8269 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 74 Resp: 164584

Ion	Ratio	Lower	Upper
74	100		
45	101.4	87.4	147.4
59	136.5	124.0	184.0

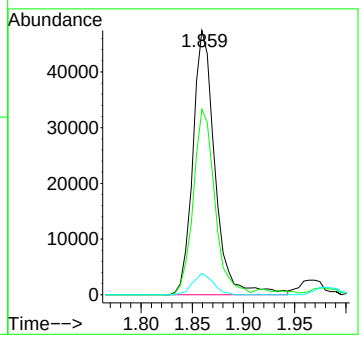


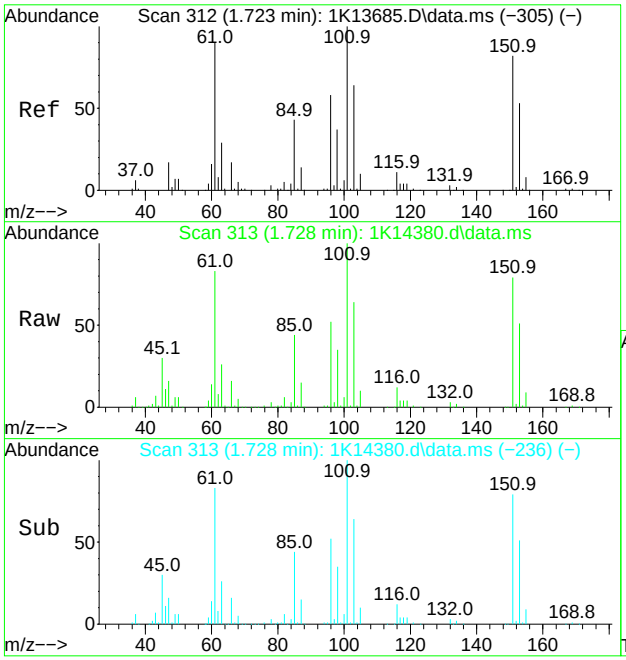


#15
acrolein
Concen: 51.2512 ug/L
RT: 1.859 min Scan# 338
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 56 Resp: 71452

Ion	Ratio	Lower	Upper
56	100		
55	70.1	38.3	98.3
53	8.1	0.0	38.3

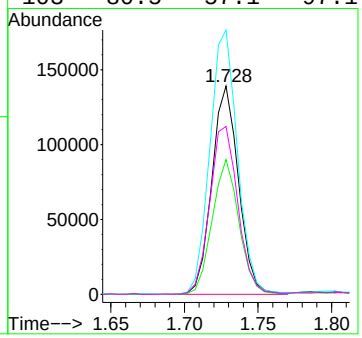


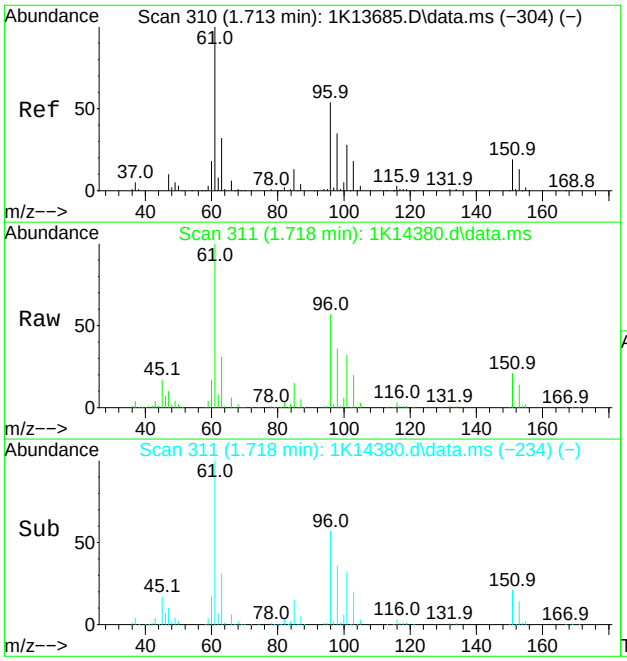


#16
freon 113
Concen: 48.7003 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:151 Resp: 175713

Ion	Ratio	Lower	Upper
151	100		
153	64.7	44.1	84.1
101	126.9	101.5	141.5
103	80.5	57.1	97.1

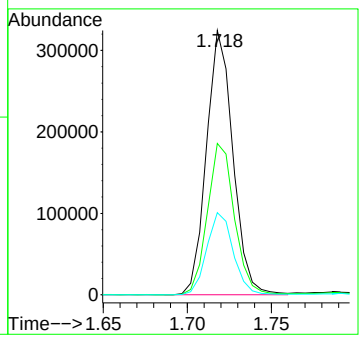


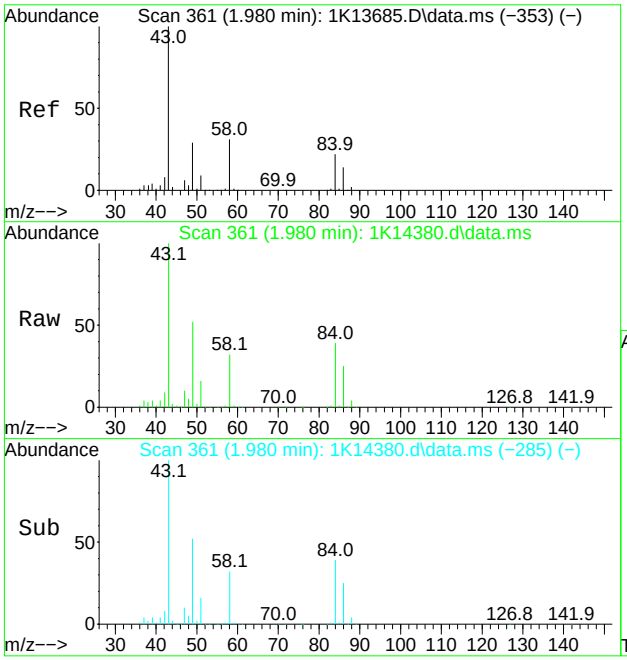


#17
1,1-dichloroethene
Concen: 49.4486 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 61 Resp: 356619

Ion	Ratio	Lower	Upper
61	100		
96	57.2	24.4	84.4
63	31.1	2.1	62.1

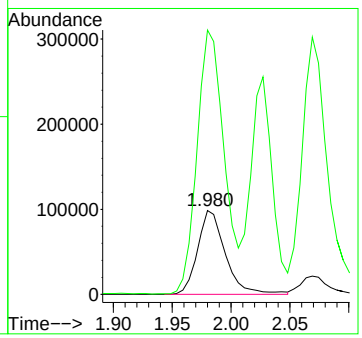


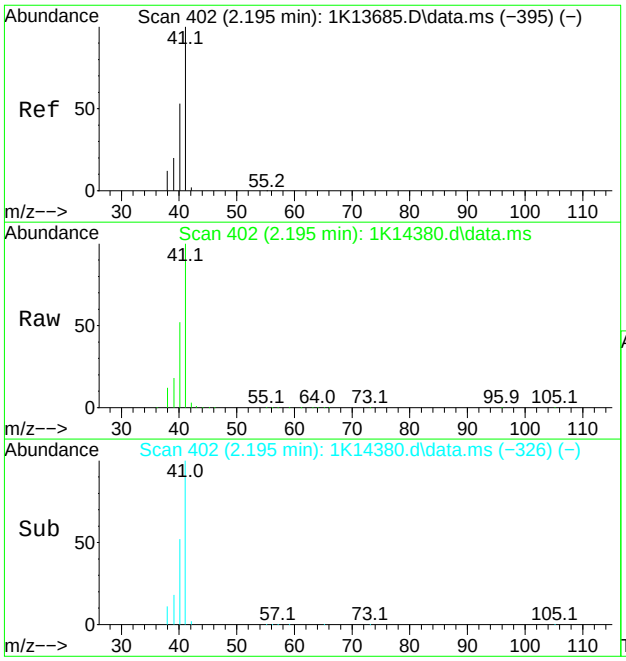


#18
acetone
Concen: 139.9285 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 58 Resp: 162121

Ion	Ratio	Lower	Upper
58	100		
43	315.1	295.2	355.2

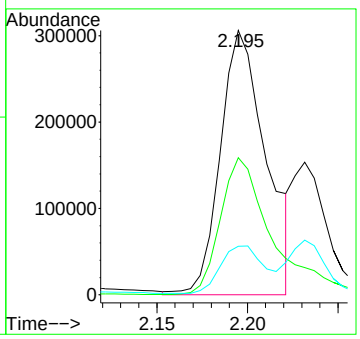


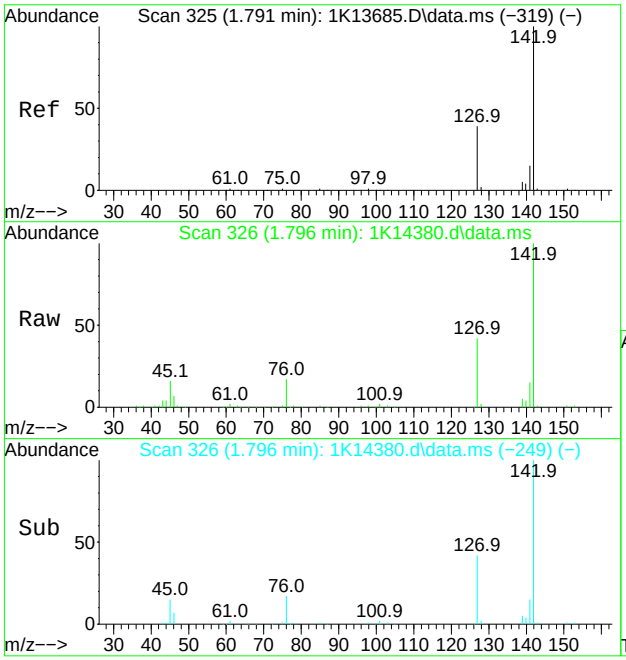


#19
acetonitrile
Concen: 555.8524 ug/L
RT: 2.195 min Scan# 402
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 41 Resp: 534264

Ion	Ratio	Lower	Upper
41	100		
40	52.3	23.4	83.4
39	18.1	0.0	50.4

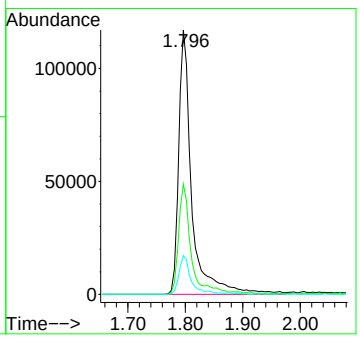


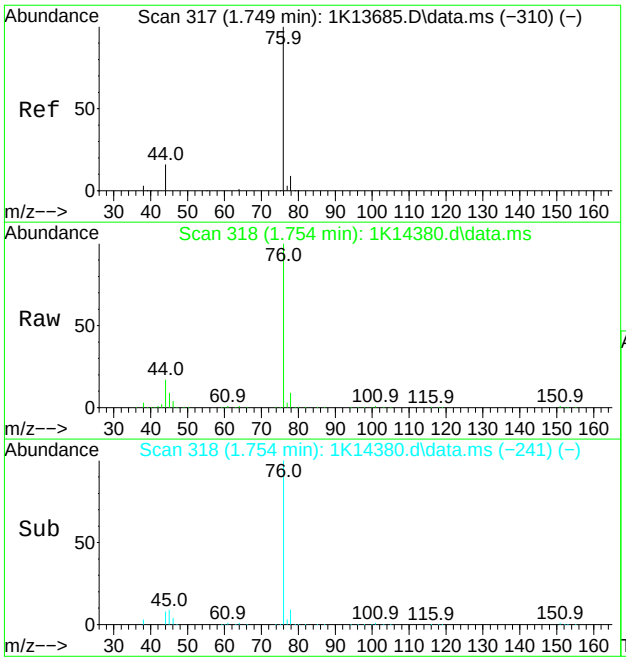


#20
iodomethane
Concen: 53.6026 ug/L
RT: 1.796 min Scan# 326
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:142 Resp: 186837

Ion	Ratio	Lower	Upper
142	100		
127	41.6	8.7	68.7
141	14.7	0.0	44.9

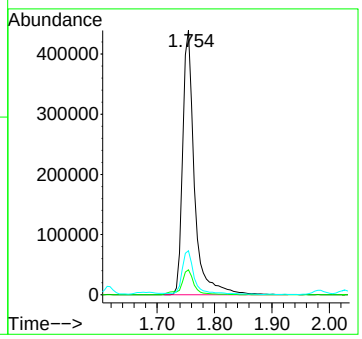


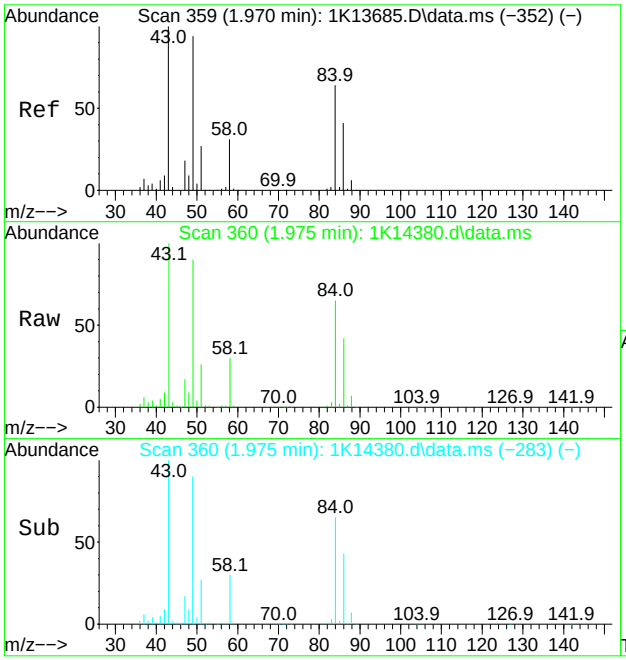


#21
carbon disulfide
Concen: 46.0124 ug/L
RT: 1.754 min Scan# 318
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 76 Resp: 626845

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	39.2
44	16.5	0.0	46.4

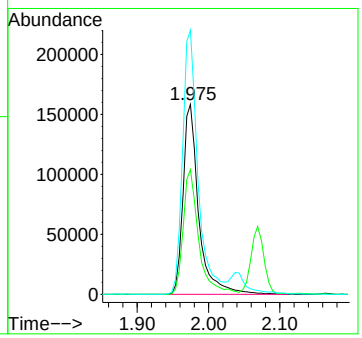


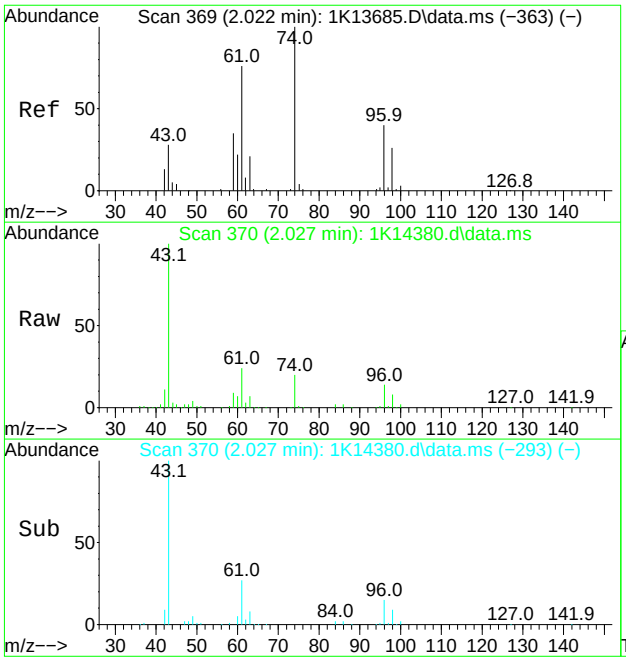


#22
methylene chloride
Concen: 46.7819 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 84 Resp: 243250

Ion	Ratio	Lower	Upper
84	100		
86	65.6	33.4	93.4
49	139.1	117.1	177.1

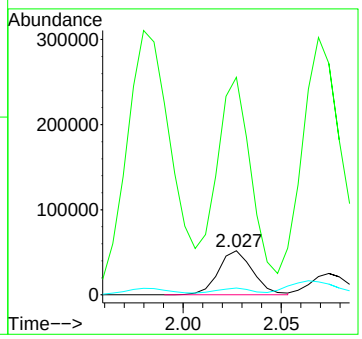


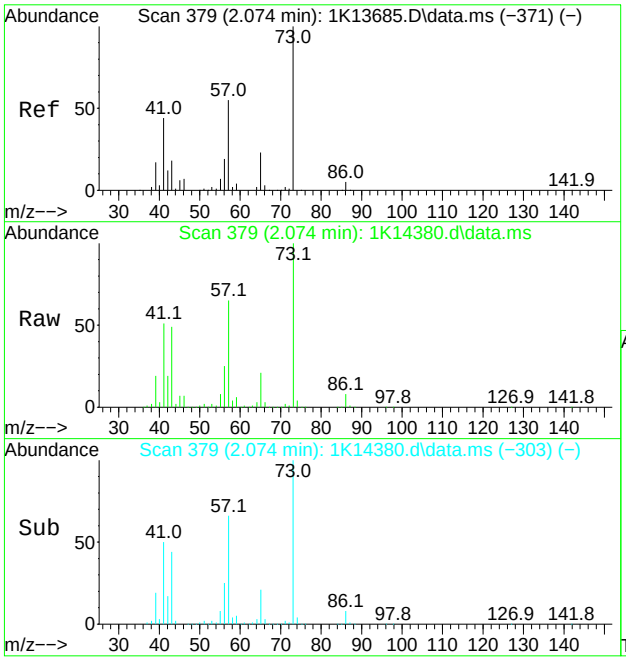


#23
methyl acetate
Concen: 47.8463 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 74 Resp: 63204

Ion	Ratio	Lower	Upper
74	100		
43	387.5	397.4	457.4#
44	5.1	0.0	35.1

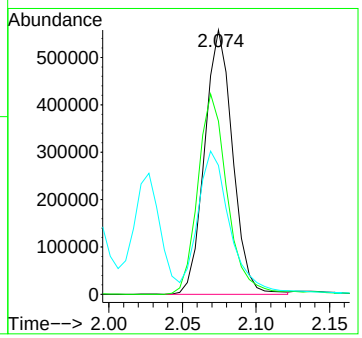


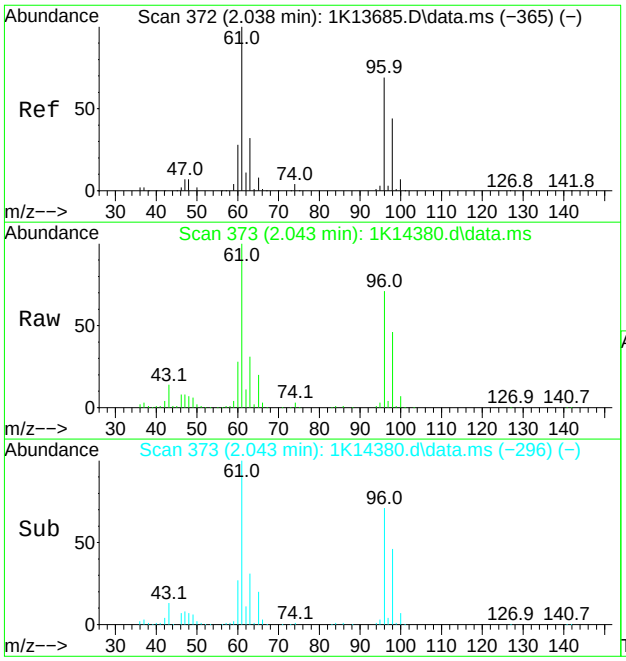


#24
methyl tert butyl ether
Concen: 48.3275 ug/L
RT: 2.074 min Scan# 379
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 73 Resp: 737852

Ion	Ratio	Lower	Upper
73	100		
57	65.5	25.1	85.1
43	47.4	12.1	72.1

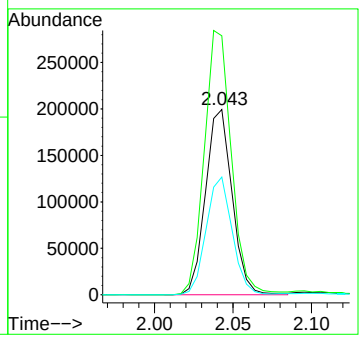


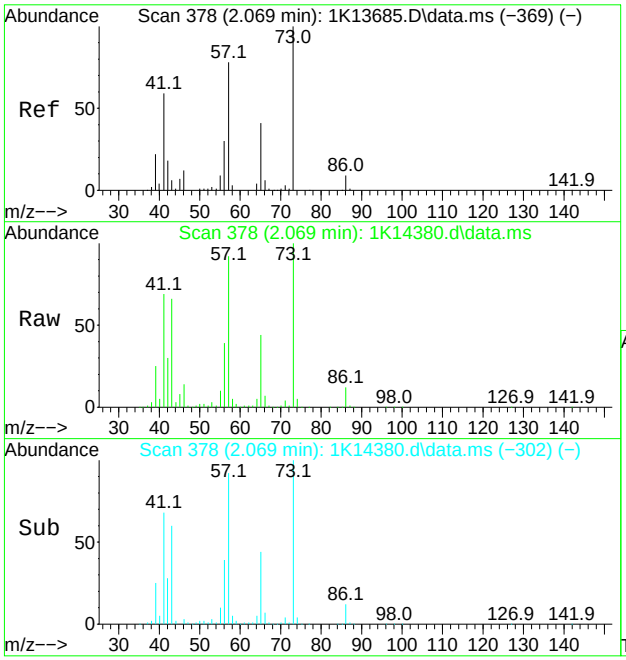


#25
trans-1,2-dichloroethene
Concen: 48.5398 ug/L
RT: 2.043 min Scan# 373
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 96 Resp: 236010

Ion	Ratio	Lower	Upper
96	100		
61	139.9	115.9	175.9
98	63.7	34.7	94.7

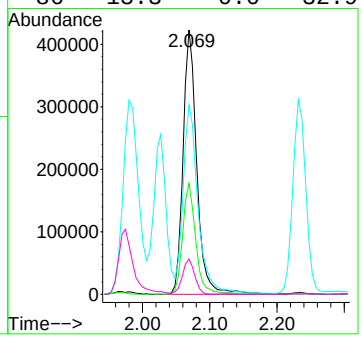


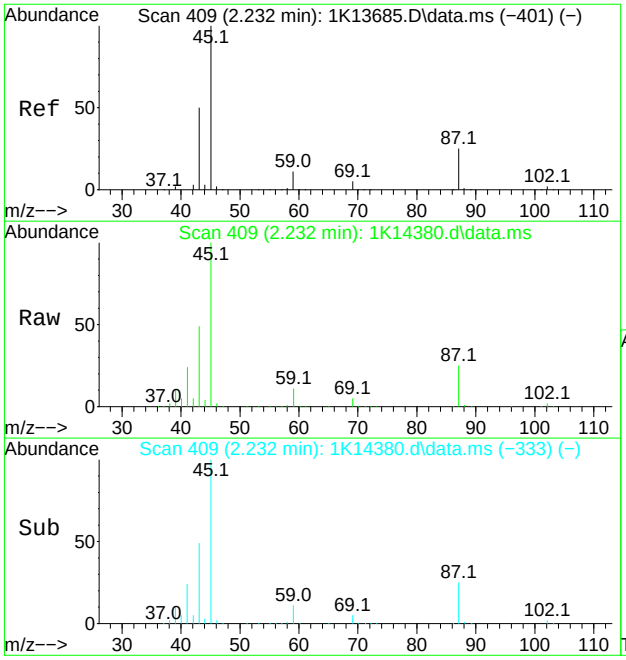


#26
hexane
Concen: 46.5510 ug/L
RT: 2.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 57 Resp: 602672

Ion	Ratio	Lower	Upper
57	100		
56	42.0	18.5	58.5
43	61.4	50.7	90.7
86	13.3	0.0	32.9

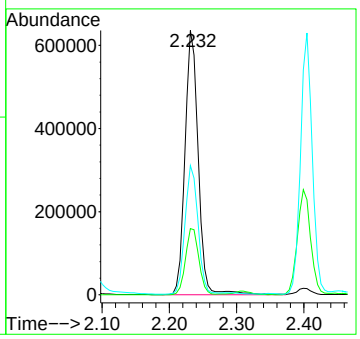


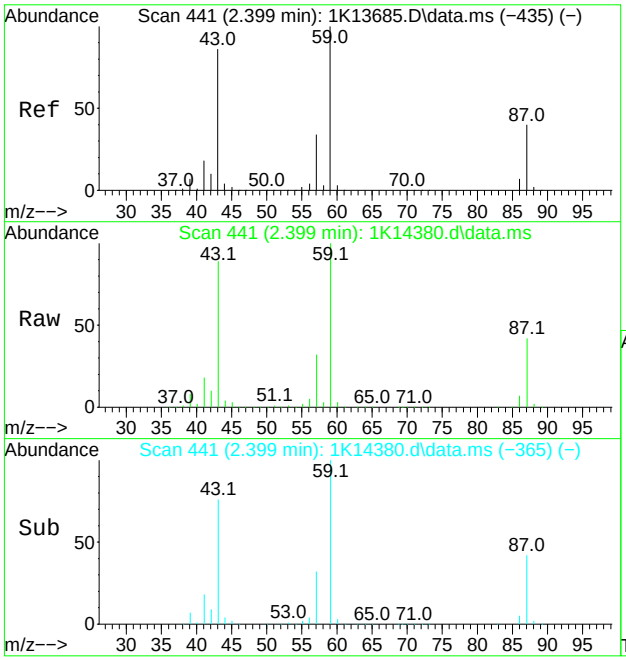


#27
di-isopropyl ether
Concen: 52.8540 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 45 Resp: 872750

Ion	Ratio	Lower	Upper
45	100		
87	25.0	0.0	55.4
43	48.6	19.8	79.8

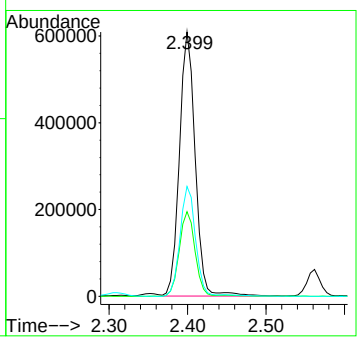


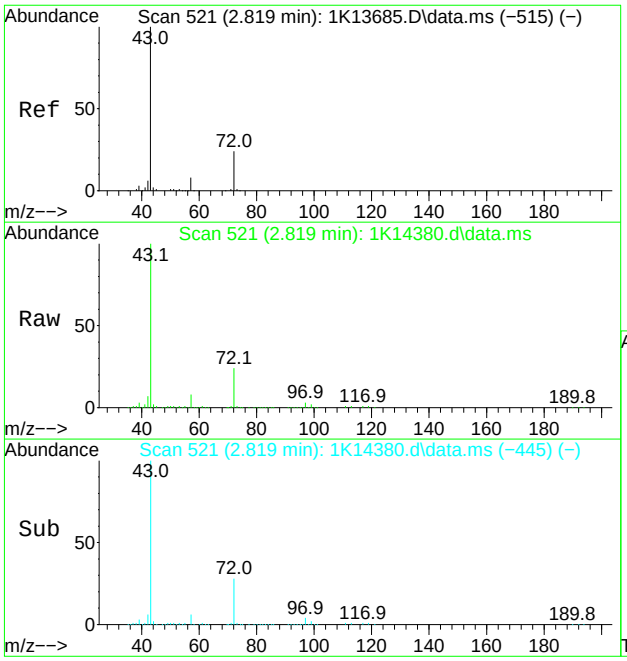


#28
ethyl tert-butyl ether
Concen: 49.2612 ug/L
RT: 2.399 min Scan# 441
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 59 Resp: 850251

Ion	Ratio	Lower	Upper
59	100		
57	32.0	3.4	63.4
87	41.6	9.9	69.9

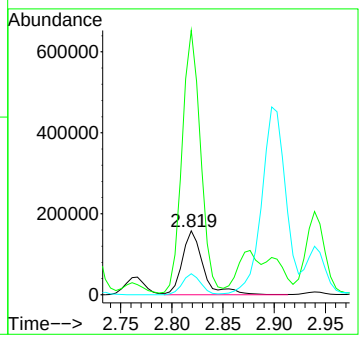


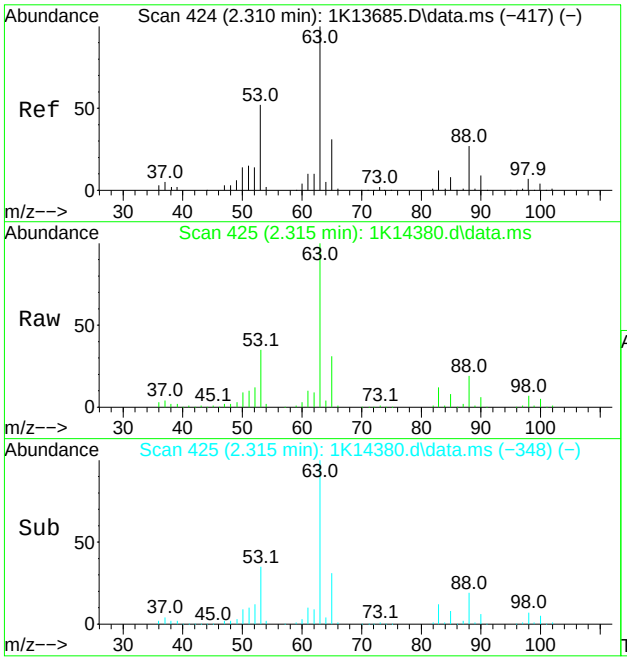


#29
2-butanone
Concen: 178.2005 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 72 Resp: 225779

Ion	Ratio	Lower	Upper
72	100		
43	410.6	384.5	444.5
57	33.0	2.9	62.9

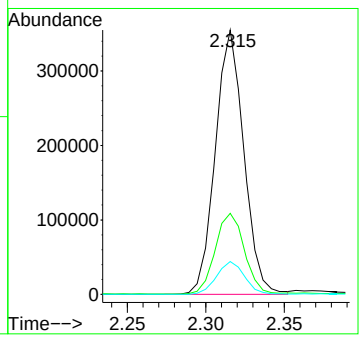


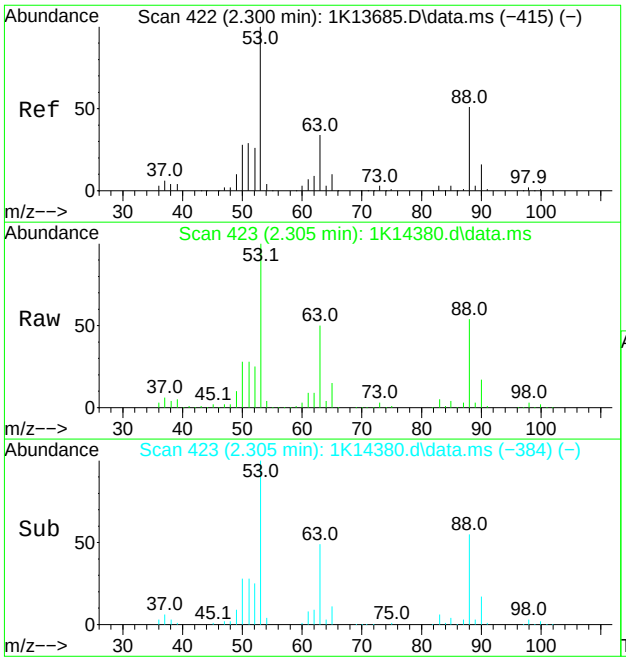


#30
1,1-dichloroethane
Concen: 46.4375 ug/L
RT: 2.315 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 63 Resp: 447065

Ion	Ratio	Lower	Upper
63	100		
65	30.5	0.6	60.6
83	12.5	0.0	41.8

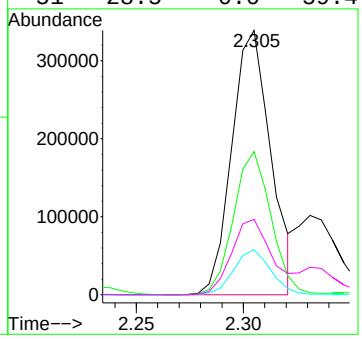


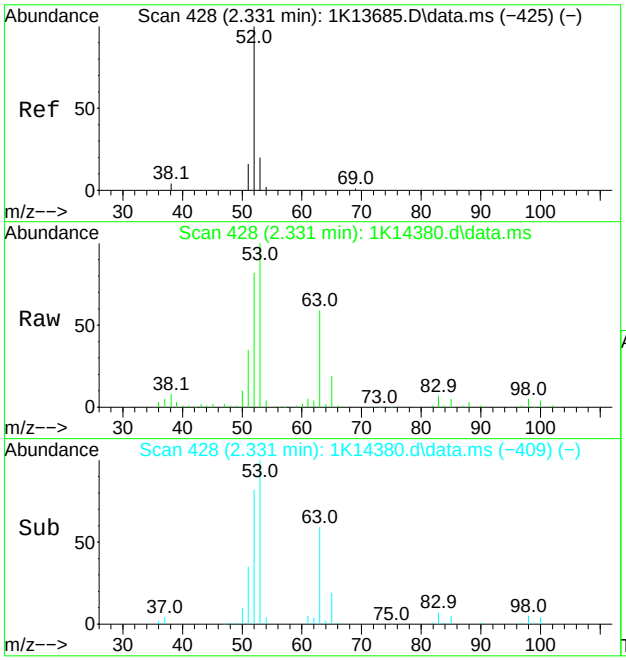


#31
chloroprene
Concen: 46.9488 ug/L
RT: 2.305 min Scan# 423
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 53 Resp: 429148

Ion	Ratio	Lower	Upper
53	100		
88	54.2	21.4	81.4
90	17.1	0.0	46.1
51	28.5	0.0	59.4

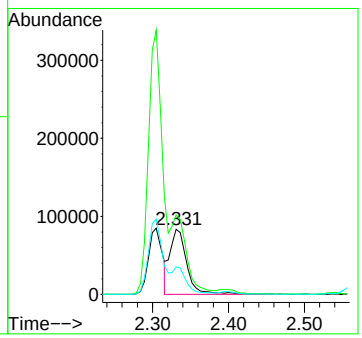


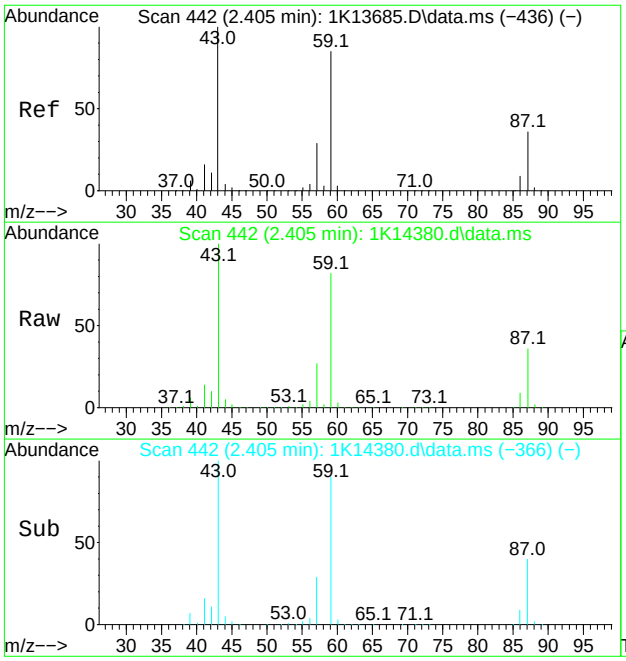


#32
acrylonitrile
Concen: 49.2232 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 52 Resp: 129518

Ion	Ratio	Lower	Upper
52	100		
53	121.5	92.8	152.8
51	42.4	13.6	73.6

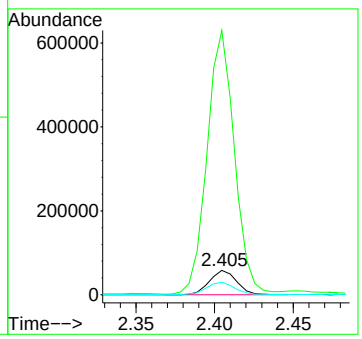


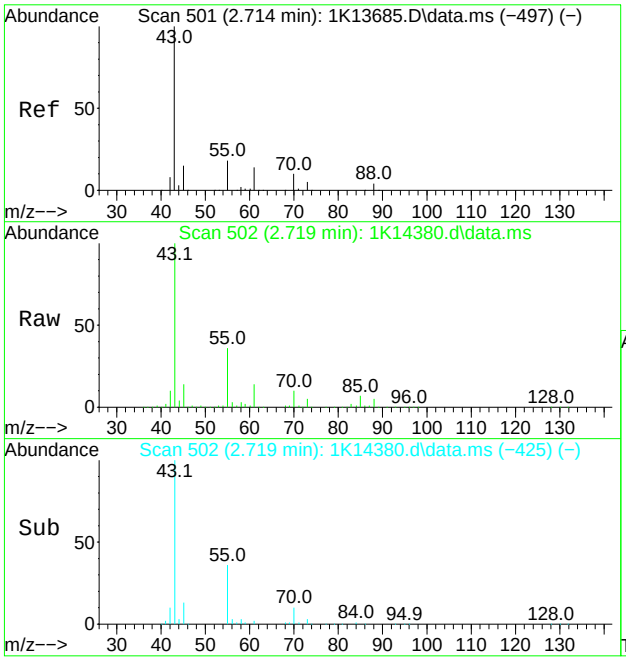


#33
vinyl acetate
Concen: 59.2669 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 86 Resp: 70707

Ion	Ratio	Lower	Upper
86	100		
43	1073.2	1068.8	1128.8
44	50.5	18.0	78.0

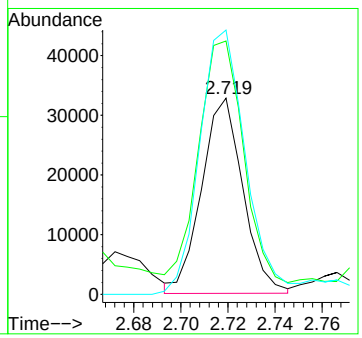


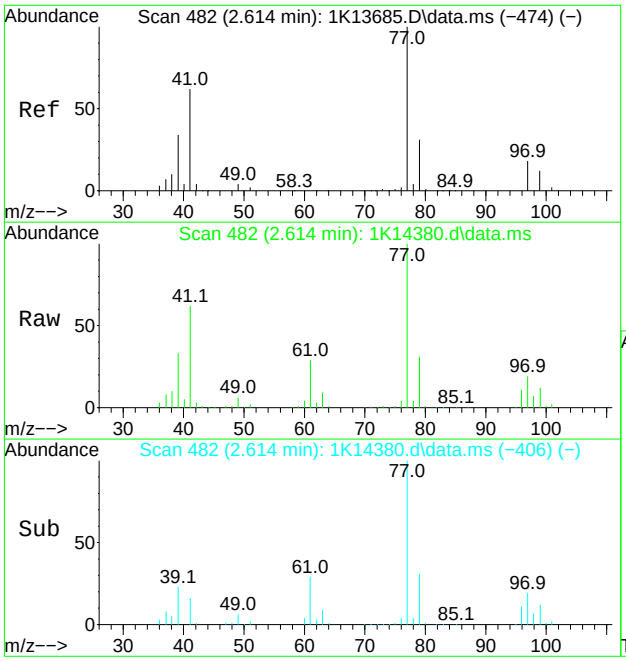


#34
ethyl acetate
Concen: 48.8560 ug/L
RT: 2.719 min Scan# 502
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 70 Resp: 40017

Ion	Ratio	Lower	Upper
70	100		
61	126.9	104.9	164.9
45	137.1	117.8	177.8

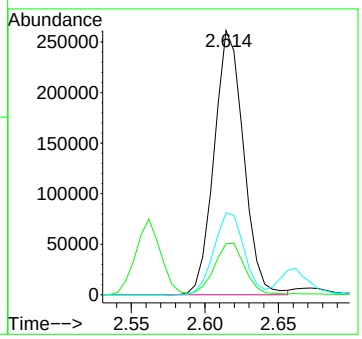


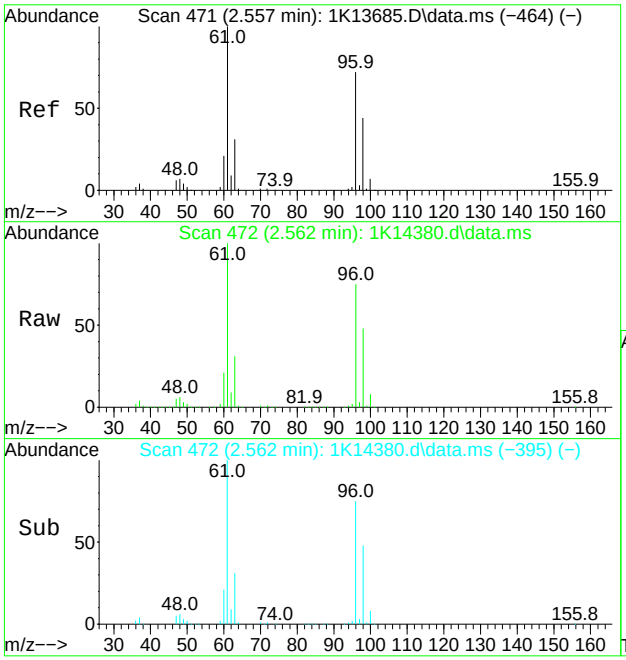


#35
2,2-dichloropropane
Concen: 46.7166 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 77 Resp: 362379

Ion	Ratio	Lower	Upper
77	100		
97	19.0	0.0	48.7
79	31.0	0.9	60.9

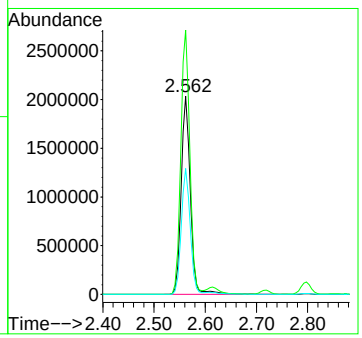


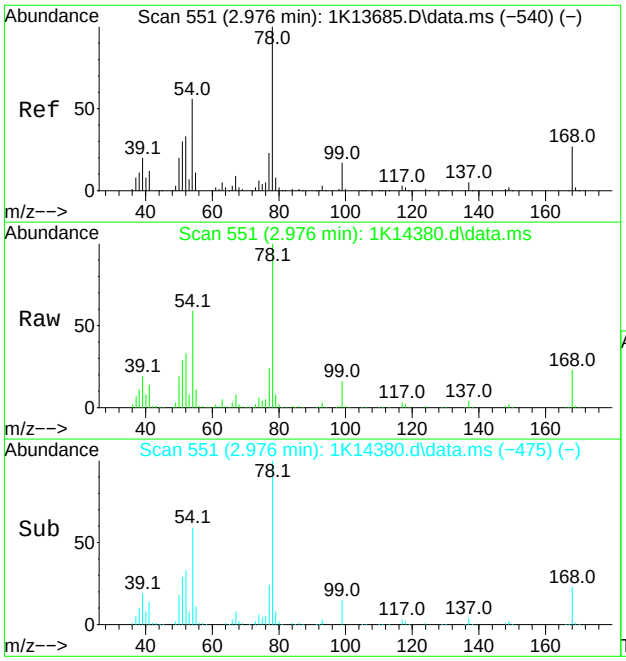


#36
cis-1,2-dichloroethene
Concen: 462.6658 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 96 Resp: 2523617

Ion	Ratio	Lower	Upper
96	100		
61	133.5	108.4	168.4
98	63.5	31.4	91.4

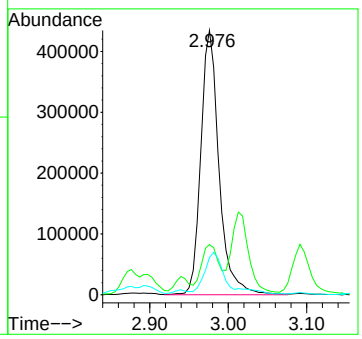


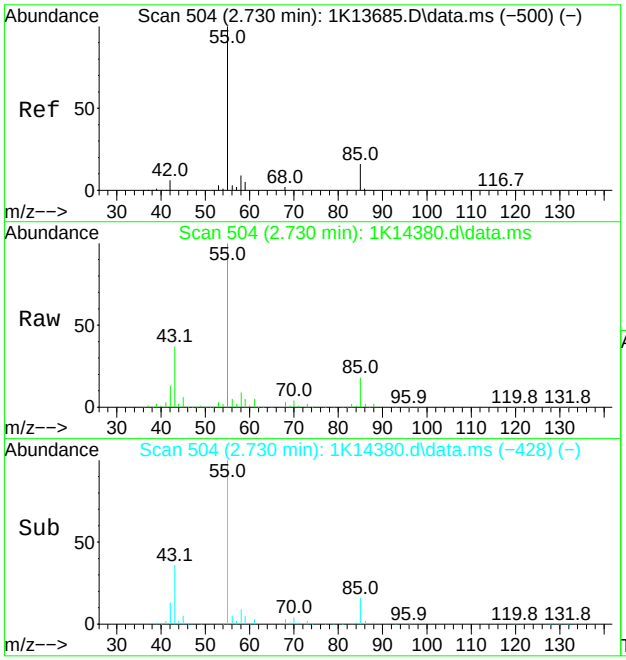


#37
propionitrile
Concen: 441.2282 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 54 Resp: 701847

Ion	Ratio	Lower	Upper
54	100		
55	17.5	0.0	48.9
40	13.7	0.0	45.0

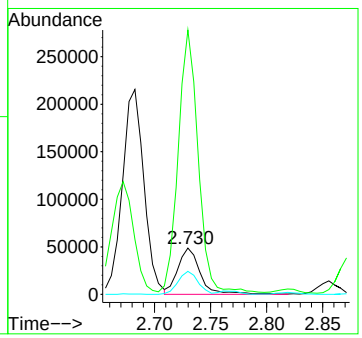


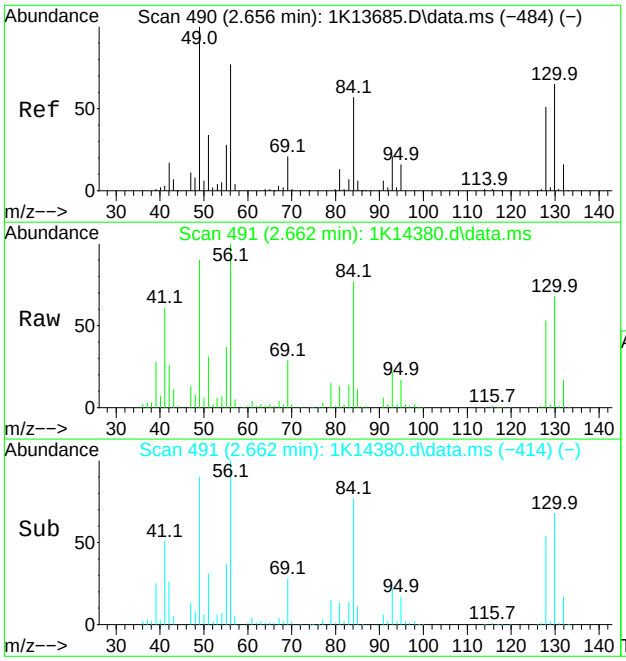


#38
methyl acrylate
Concen: 49.2799 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 85 Resp: 68188

Ion	Ratio	Lower	Upper
85	100		
55	565.8	566.6	606.6#
58	48.6	30.2	70.2

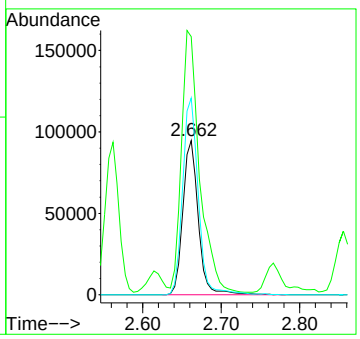


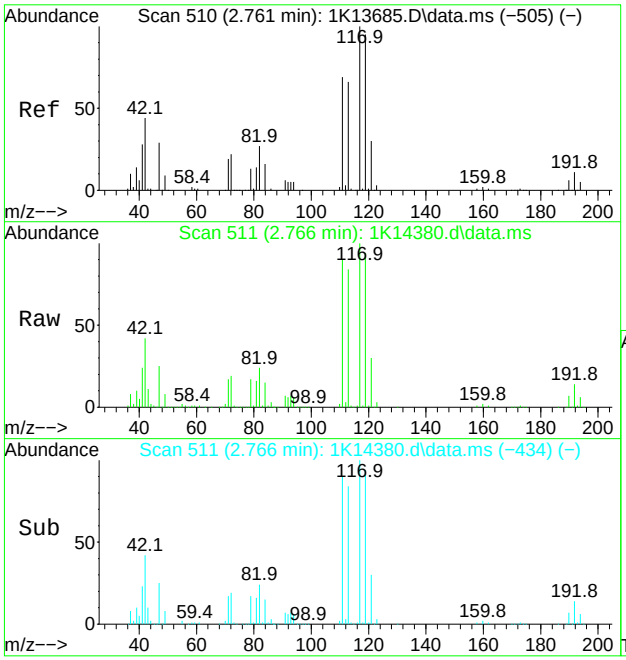


#39
bromochloromethane
Concen: 53.5927 ug/L
RT: 2.662 min Scan# 491
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:128 Resp: 129029

Ion	Ratio	Lower	Upper
128	100		
49	162.0	166.7	226.7#
130	127.7	97.3	157.3

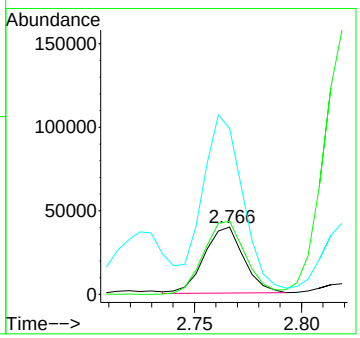


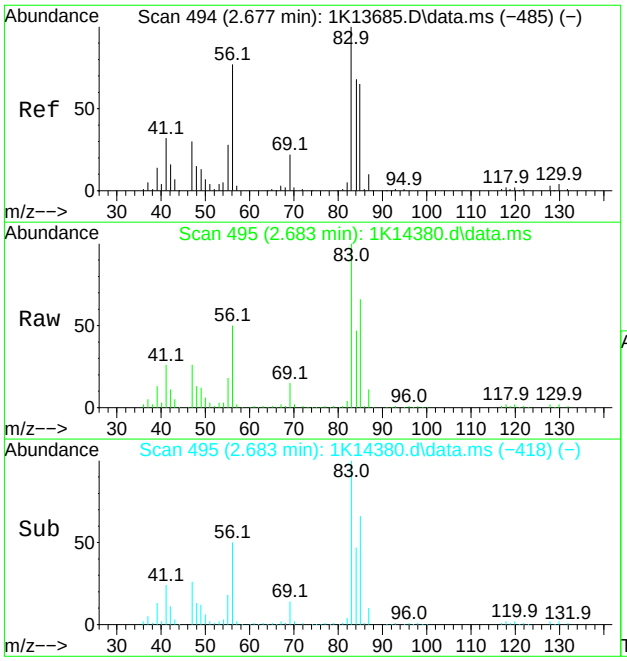


#40
tetrahydrofuran
Concen: 44.2889 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 71 Resp: 50949

Ion	Ratio	Lower	Upper
71	100		
72	110.8	87.2	147.2
42	243.6	242.1	302.1

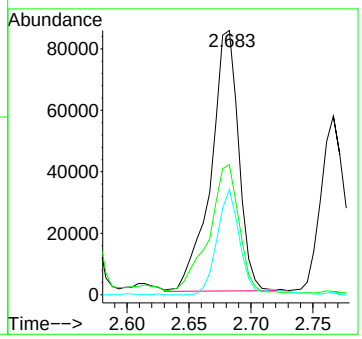


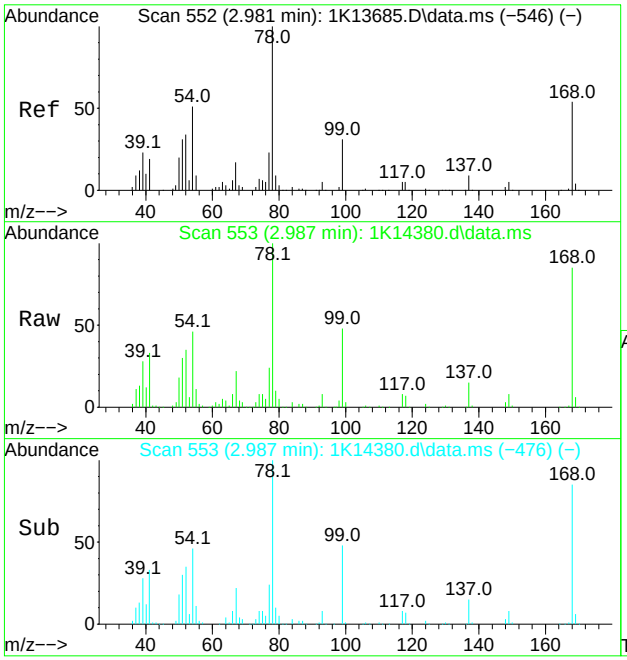


#41
chloroform
Concen: 42.5457 ug/L
RT: 2.683 min Scan# 495
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 47 Resp: 132098

Ion	Ratio	Lower	Upper
47	100		
48	49.3	19.0	79.0
87	40.4	3.4	63.4

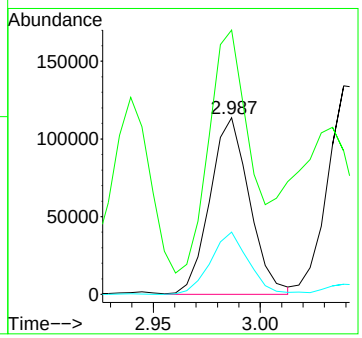


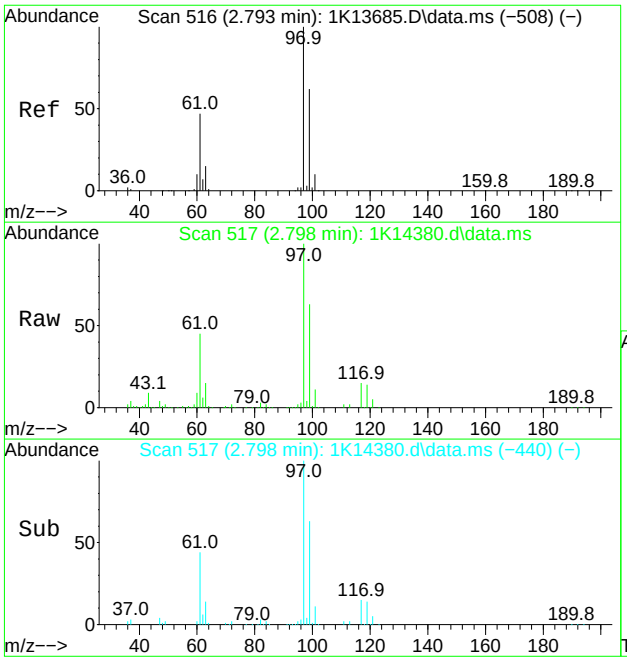


#43
methacrylonitrile
Concen: 44.1609 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 67 Resp: 146489

Ion	Ratio	Lower	Upper
67	100		
41	125.8	85.4	145.4
66	35.4	4.8	64.8

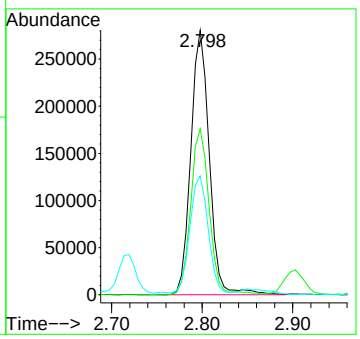


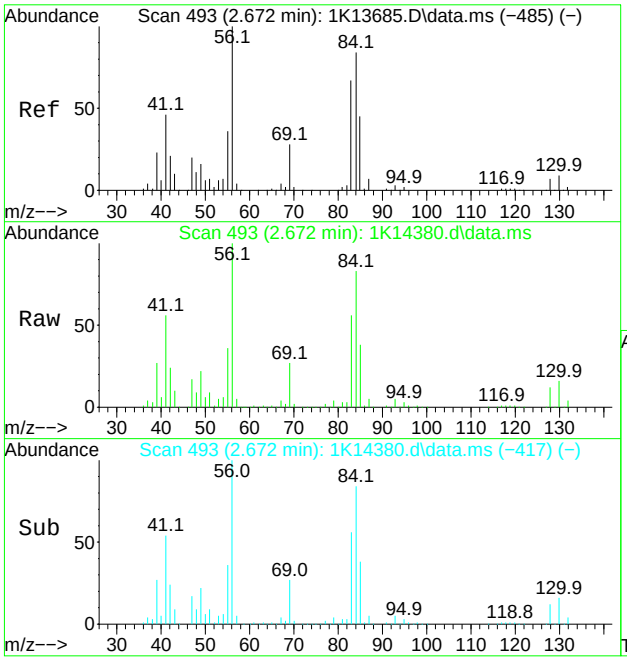


#44
1,1,1-trichloroethane
Concen: 50.3132 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 97 Resp: 398267

Ion	Ratio	Lower	Upper
97	100		
99	62.7	32.2	92.2
61	44.5	17.7	77.7

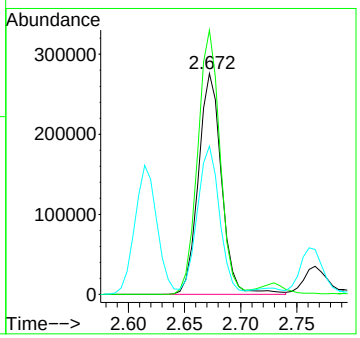


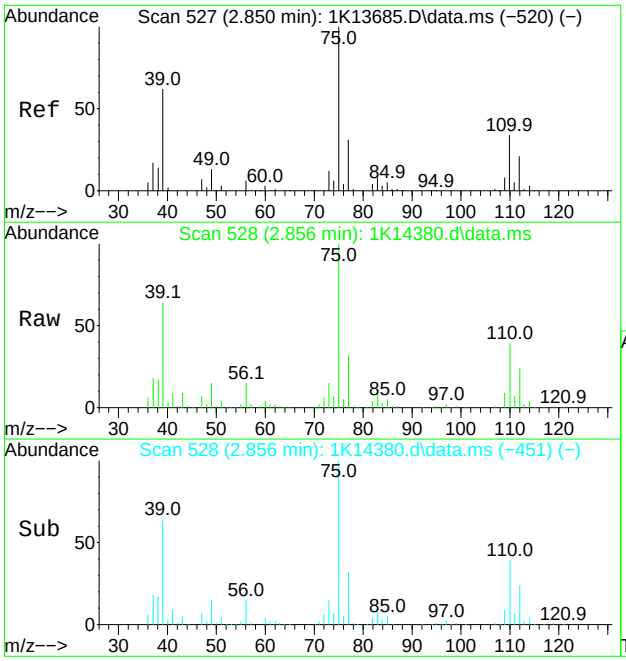


#45
cyclohexane
Concen: 45.5847 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 84 Resp: 397871

Ion	Ratio	Lower	Upper
84	100		
56	119.8	98.6	138.6
41	65.5	43.8	83.8

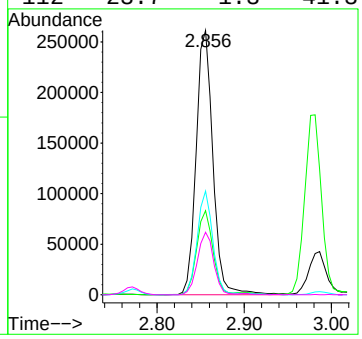


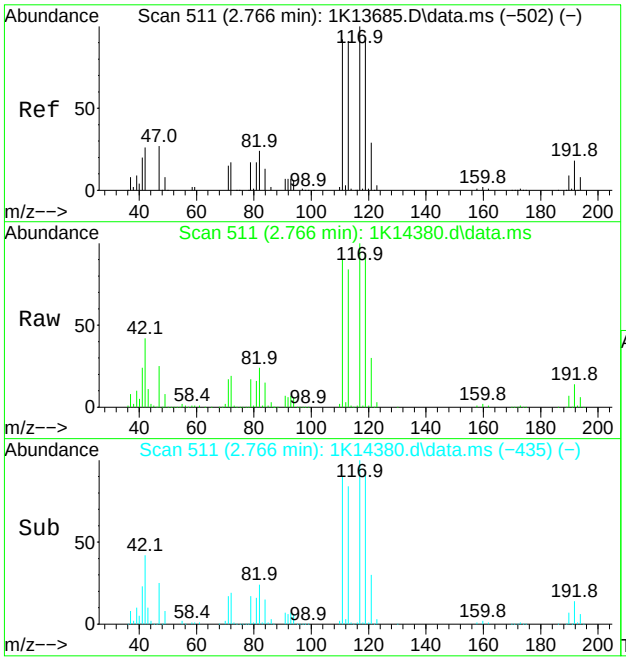


#46
1,1-dichloropropene
Concen: 48.8688 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 75 Resp: 349605

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.3	51.3
110	39.3	14.2	54.2
112	23.7	1.3	41.3

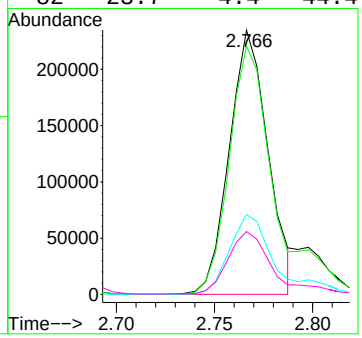


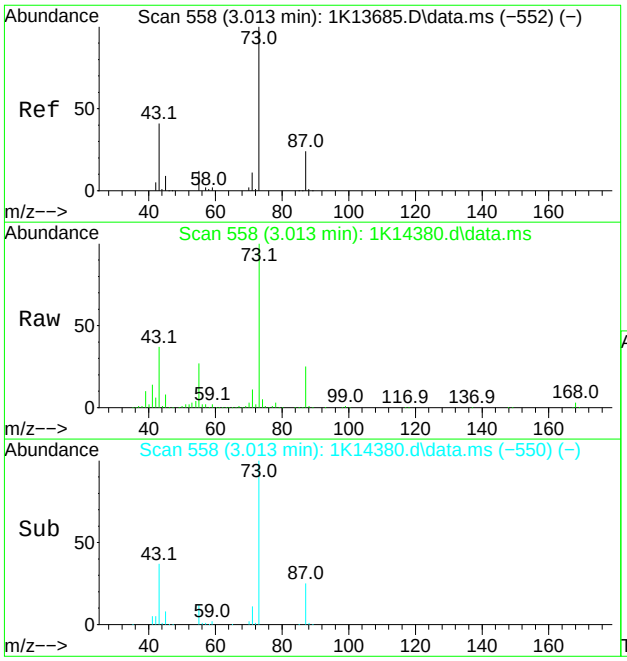


#47
carbon tetrachloride
Concen: 46.7122 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:117 Resp: 322991

Ion	Ratio	Lower	Upper
117	100		
119	93.9	73.1	113.1
121	30.2	9.4	49.4
82	23.7	4.4	44.4

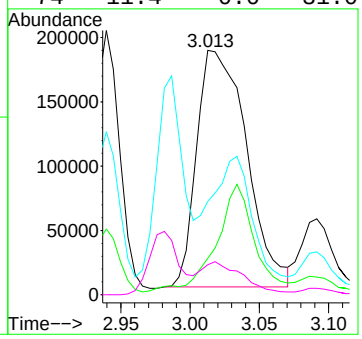


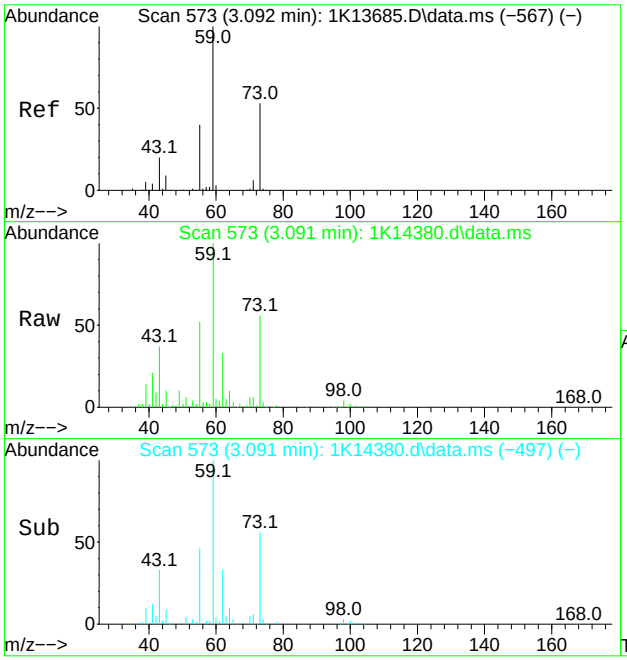


#48
isobutyl alcohol
Concen: 427.3462 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 43 Resp: 459723

Ion	Ratio	Lower	Upper
43	100		
42	11.9	0.0	32.6
41	31.8	9.1	49.1
74	11.4	0.0	31.0

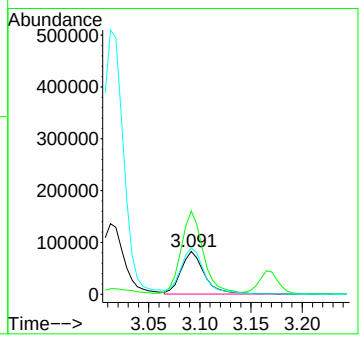


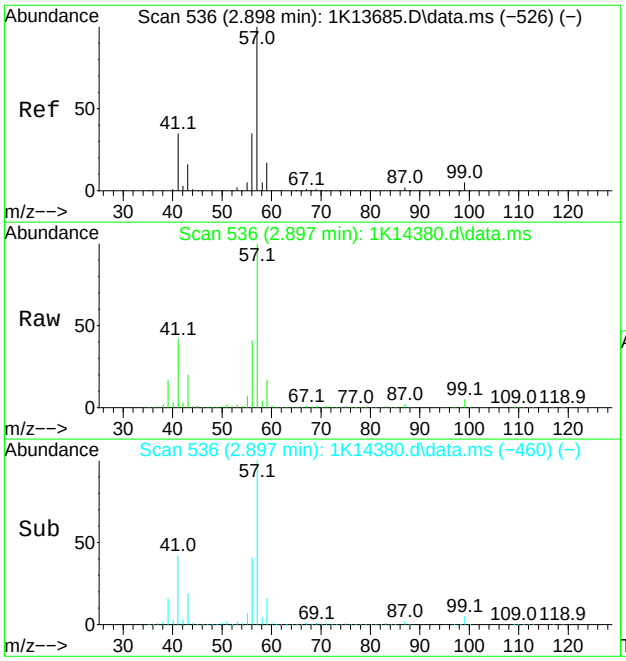


#49
tert-amyl alcohol
Concen: 237.6130 ug/L
RT: 3.091 min Scan# 573
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 55 Resp: 130823

Ion	Ratio	Lower	Upper
55	100		
59	190.1	218.8	258.8#
73	107.9	115.9	155.9#

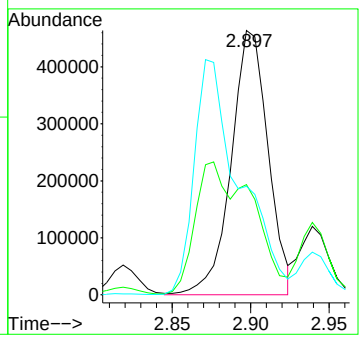


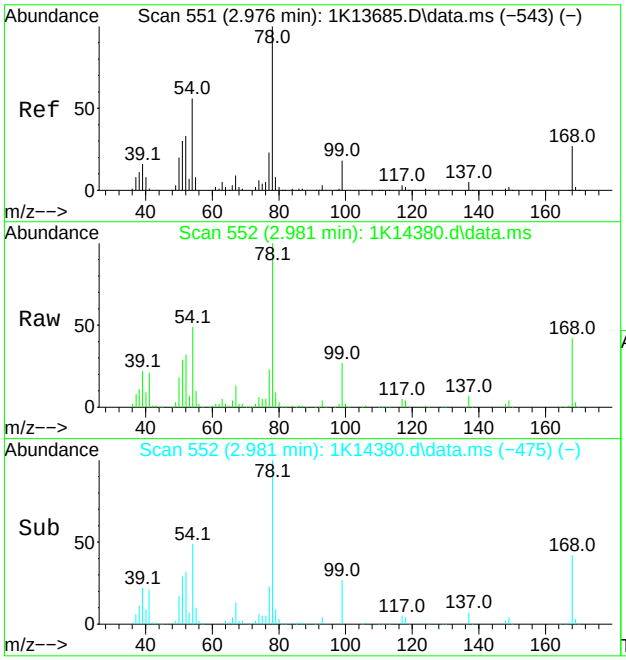


#52
iso-octane
Concen: 42.7781 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 57 Resp: 756756

Ion	Ratio	Lower	Upper
57	100		
41	41.5	14.8	54.8
56	40.9	15.3	55.3

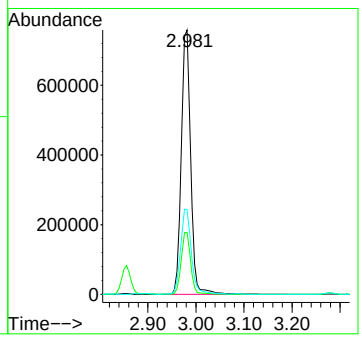


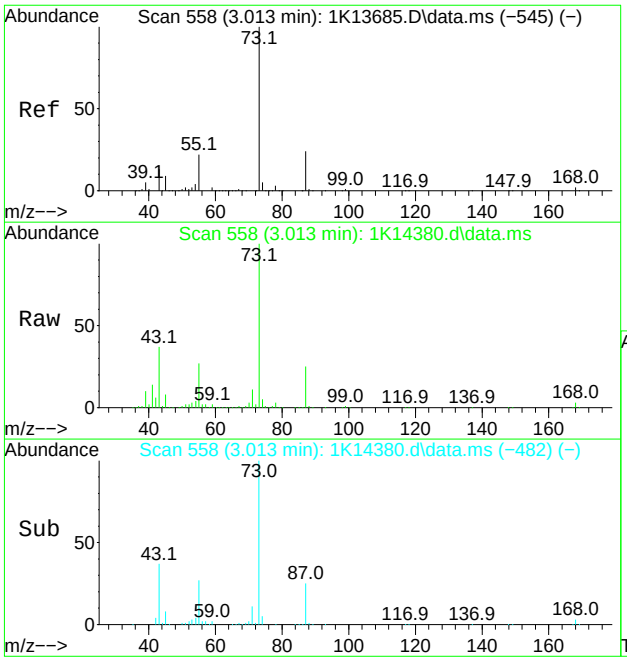


#53
benzene
Concen: 45.3876 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 78 Resp: 1032714

Ion	Ratio	Lower	Upper
78	100		
77	23.4	0.0	53.3
52	32.0	3.5	63.5

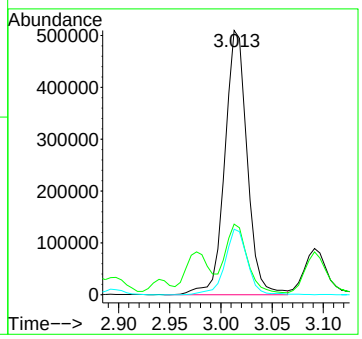


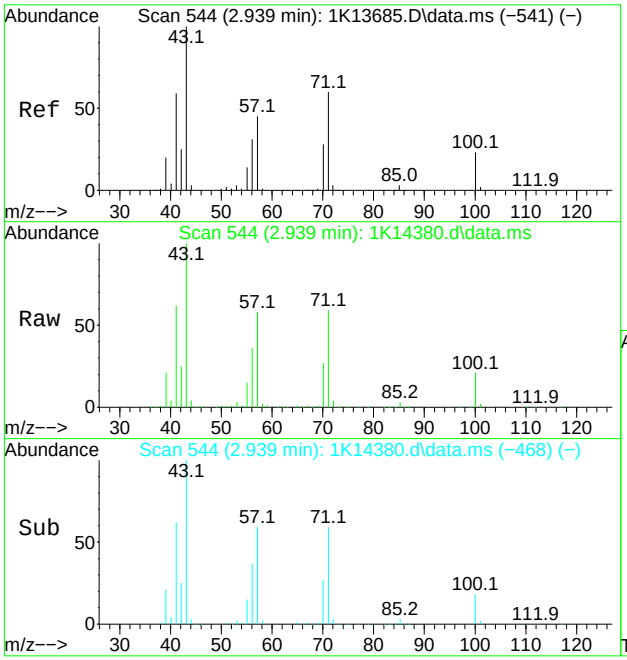


#54
tert-amyl methyl ether
Concen: 44.6345 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 73 Resp: 775257

Ion	Ratio	Lower	Upper
73	100		
55	25.9	5.1	45.1
87	24.8	4.2	44.2

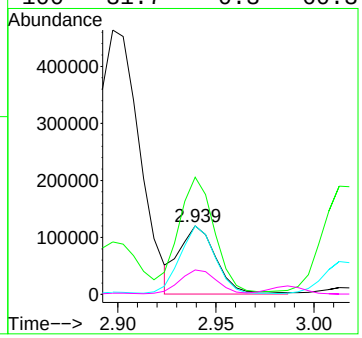


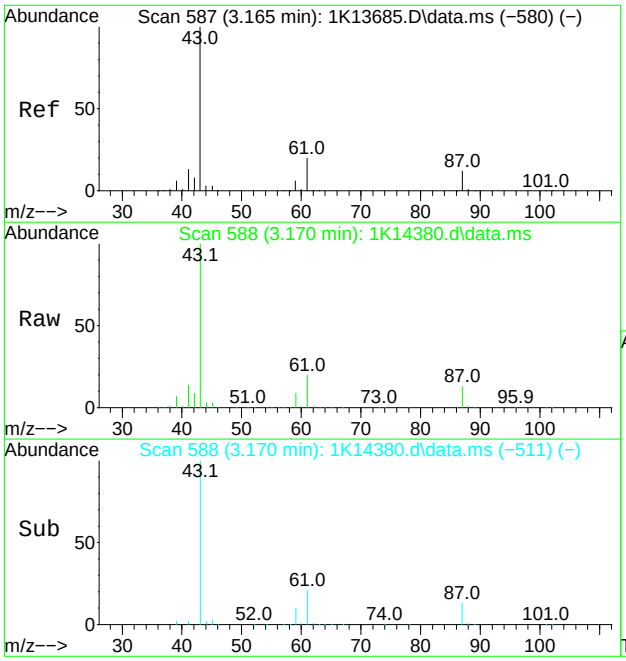


#55
heptane
Concen: 48.5610 ug/L
RT: 2.939 min Scan# 544
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 57 Resp: 157261

Ion	Ratio	Lower	Upper
57	100		
43	170.0	140.0	200.0
71	101.2	67.3	127.3
100	31.7	0.3	60.3

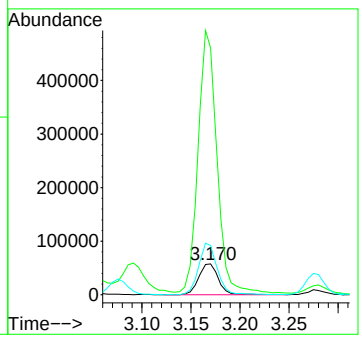


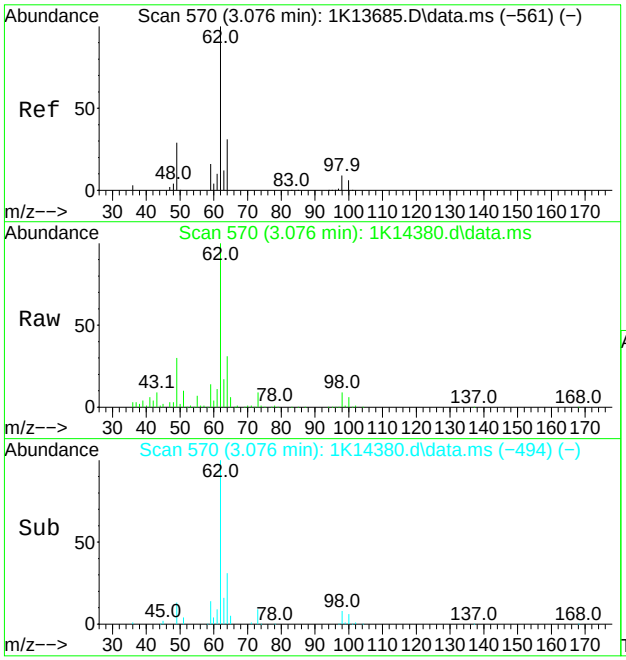


#56
isopropyl acetate
Concen: 49.1378 ug/L
RT: 3.170 min Scan# 588
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 87 Resp: 81699

Ion	Ratio	Lower	Upper
87	100		
43	789.4	799.2	859.2#
61	158.5	137.1	197.1

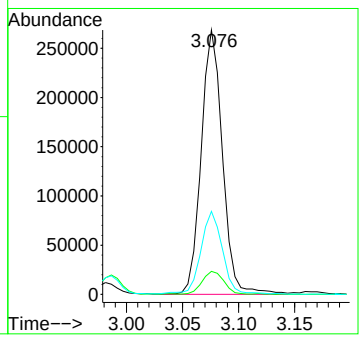


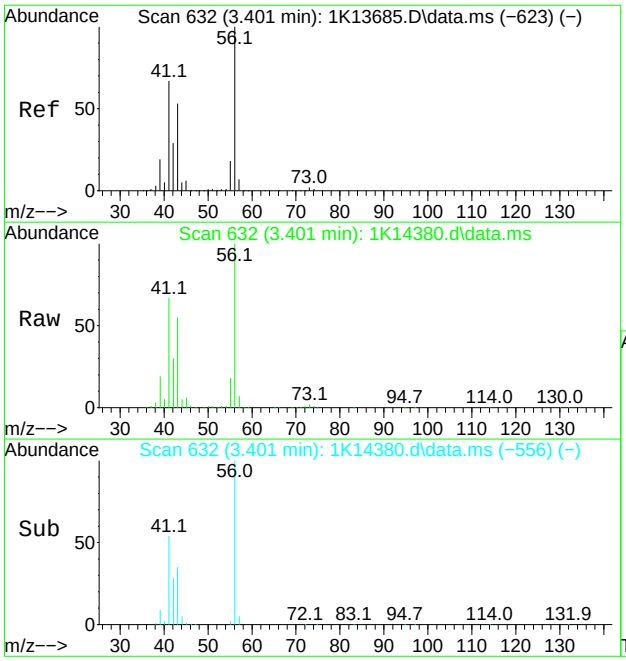


#57
1,2-dichloroethane
Concen: 43.5114 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 62 Resp: 354908

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	39.5
64	31.3	1.1	61.1

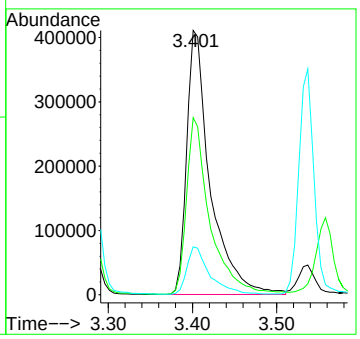


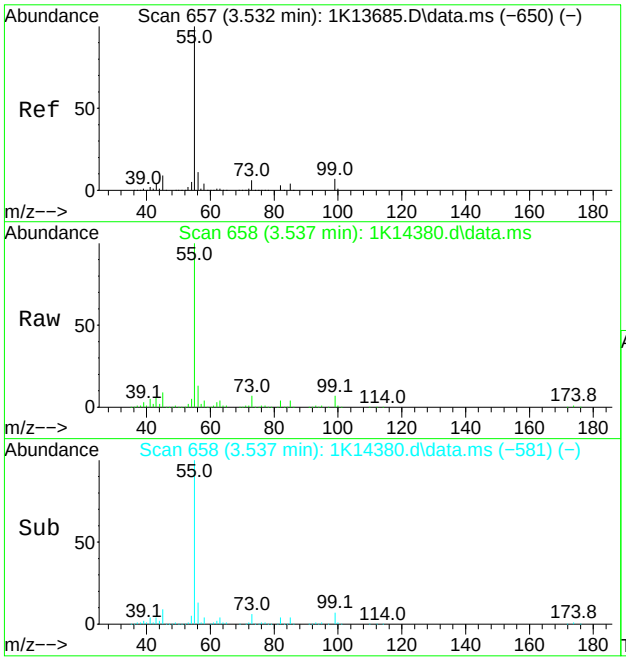


#58
n-butyl alcohol
Concen: 1810.3145 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 56 Resp: 797428

Ion	Ratio	Lower	Upper
56	100		
41	66.8	46.6	86.6
55	18.0	0.0	37.9

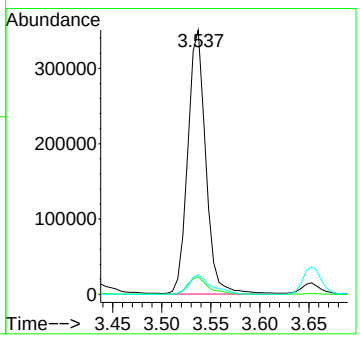


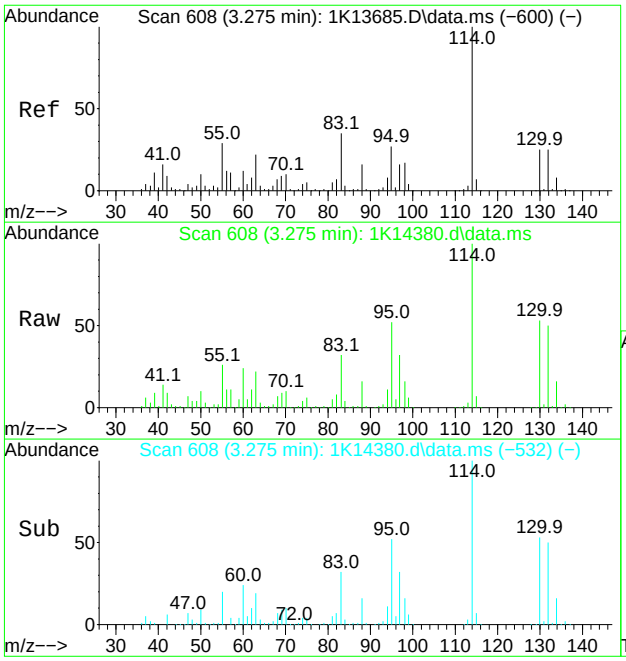


#59
ethyl acrylate
Concen: 43.6050 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 55 Resp: 446926

Ion	Ratio	Lower	Upper
55	100		
73	6.7	0.0	36.5
99	7.4	0.0	37.0

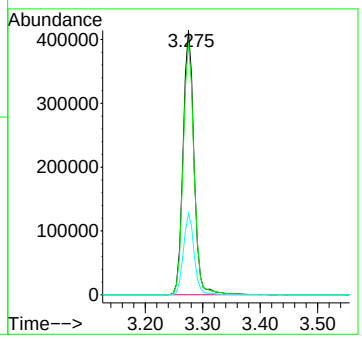


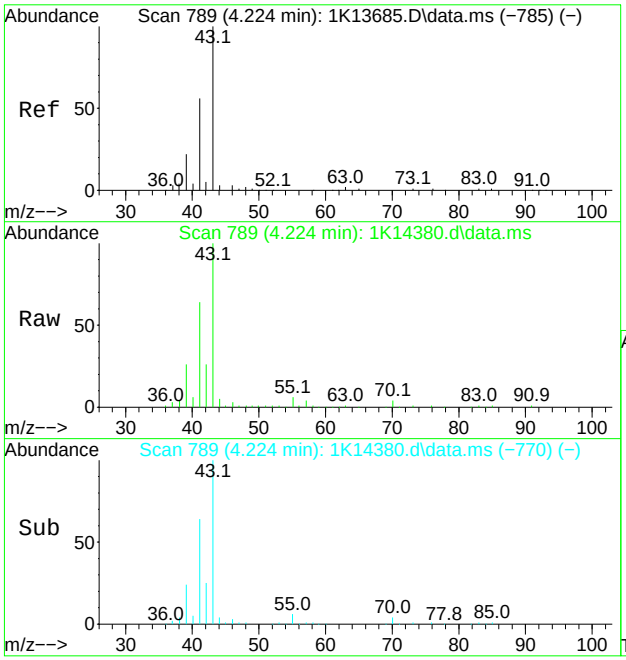


#60
trichloroethene
Concen: 95.3248 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:130 Resp: 547360

Ion	Ratio	Lower	Upper
130	100		
132	95.3	70.3	130.3
134	30.7	2.0	62.0

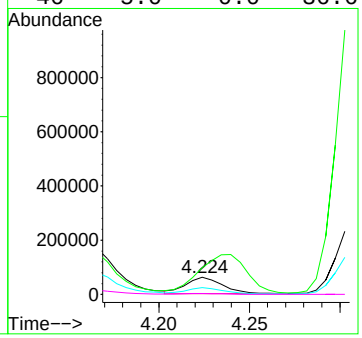


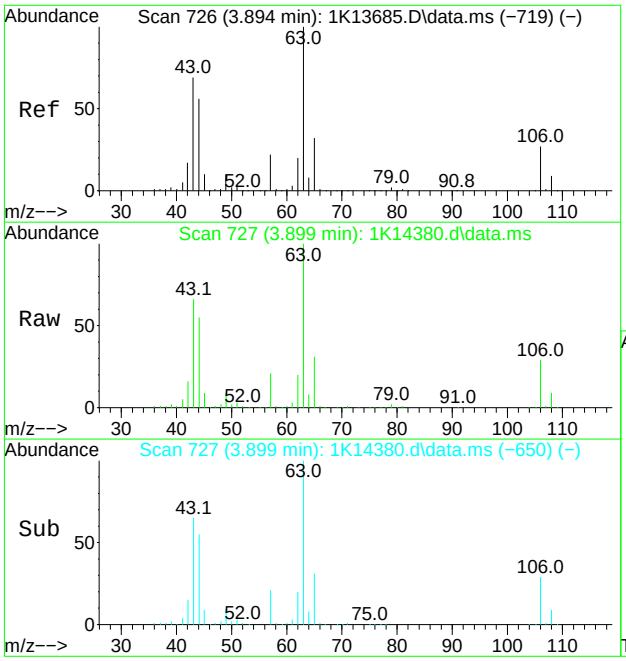


#61
2-nitropropane
Concen: 29.7054 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 41 Resp: 85434

Ion	Ratio	Lower	Upper
41	100		
43	153.4	127.6	187.6
39	39.2	8.5	68.5
46	5.0	0.0	36.6

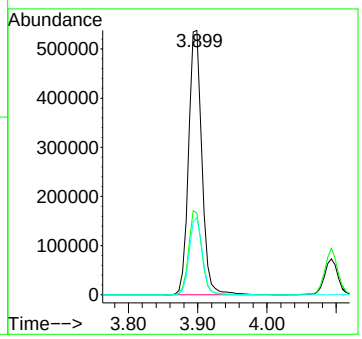


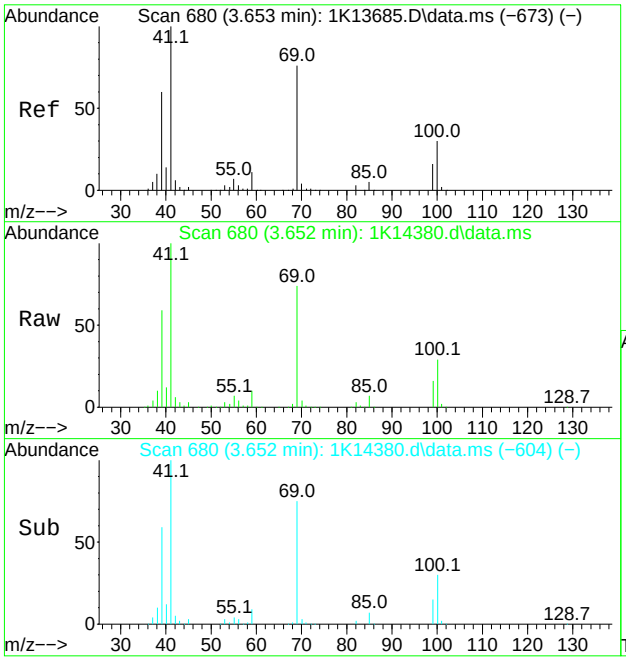


#62
2-chloroethyl vinyl ether
Concen: 220.0598 ug/L
RT: 3.899 min Scan# 727
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 63 Resp: 720276

Ion	Ratio	Lower	Upper
63	100		
65	30.9	1.9	61.9
106	29.2	0.0	57.3

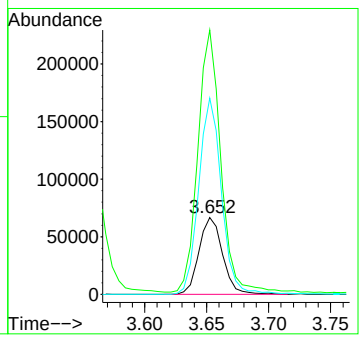


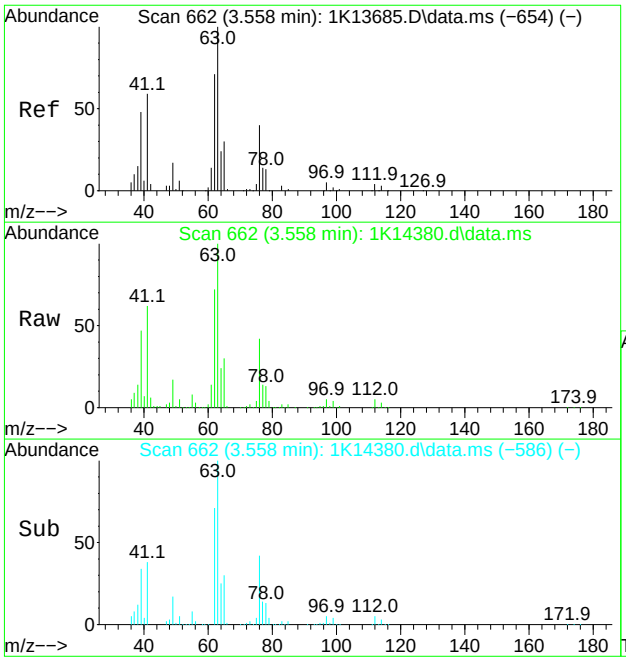


#63
methyl methacrylate
Concen: 48.0883 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:100 Resp: 88923

Ion	Ratio	Lower	Upper
100	100		
41	341.0	304.0	364.0
69	255.3	224.1	284.1

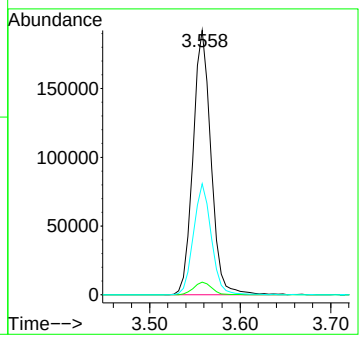


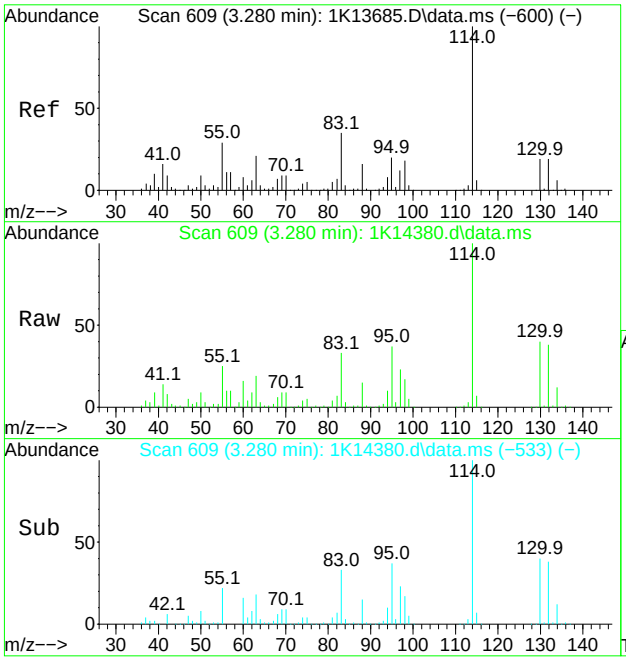


#64
1,2-dichloropropane
Concen: 45.2146 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 63 Resp: 264860

Ion	Ratio	Lower	Upper
63	100		
112	4.8	0.0	34.4
76	42.0	10.3	70.3

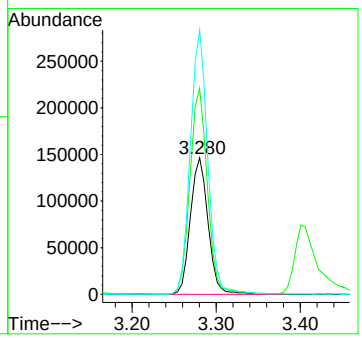


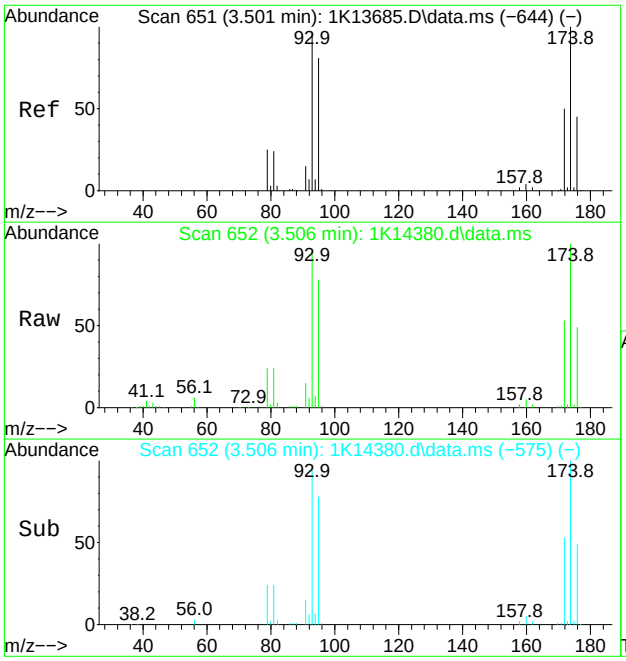


#65
methylcyclohexane
Concen: 48.3517 ug/L
RT: 3.280 min Scan# 609
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 98 Resp: 214678

Ion	Ratio	Lower	Upper
98	100		
55	150.7	130.3	190.3
83	193.7	194.3	194.3#

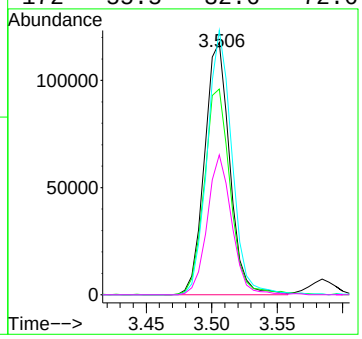


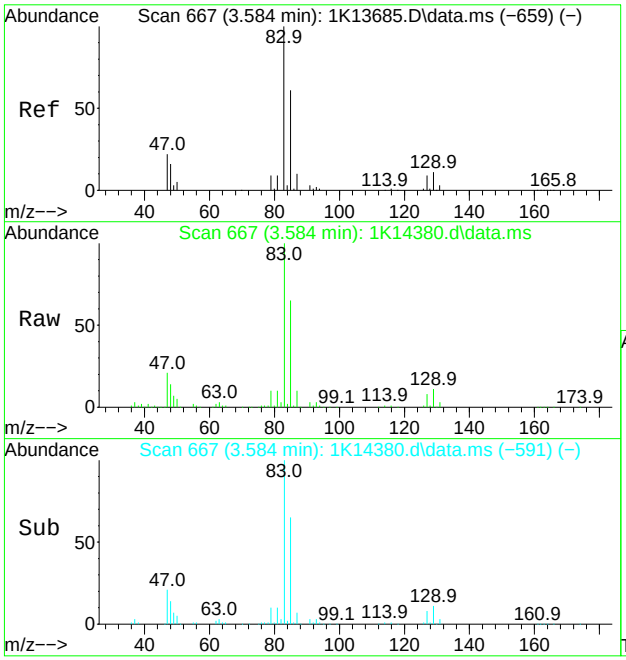


#66
dibromomethane
Concen: 47.2071 ug/L
RT: 3.506 min Scan# 652
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 93 Resp: 157931

Ion	Ratio	Lower	Upper
93	100		
95	81.6	54.7	114.7
174	104.9	74.1	134.1
172	55.5	32.6	72.6

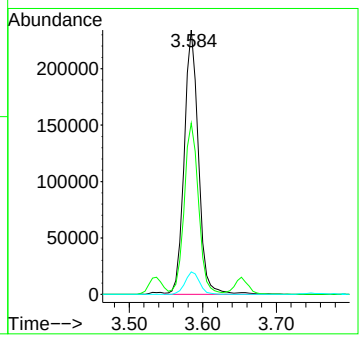


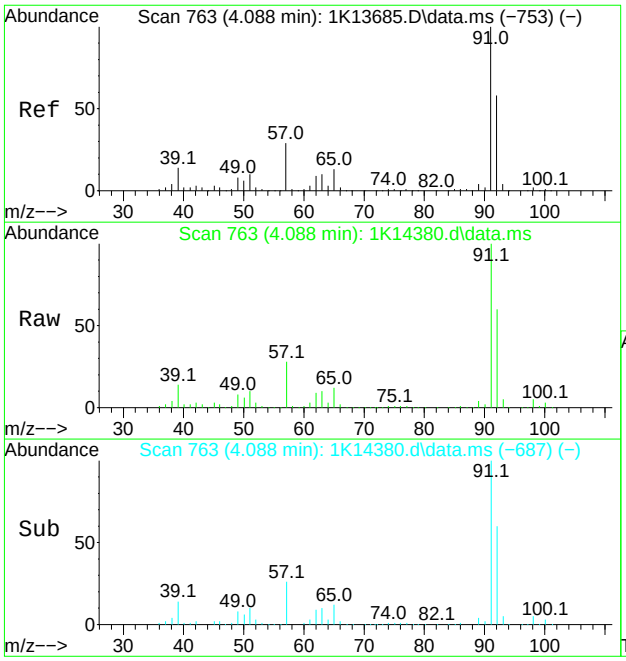


#67
bromodichloromethane
Concen: 44.4702 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 83 Resp: 315608

Ion	Ratio	Lower	Upper
83	100		
85	64.7	35.1	95.1
127	8.5	0.0	39.1

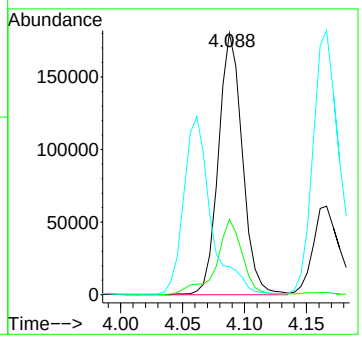


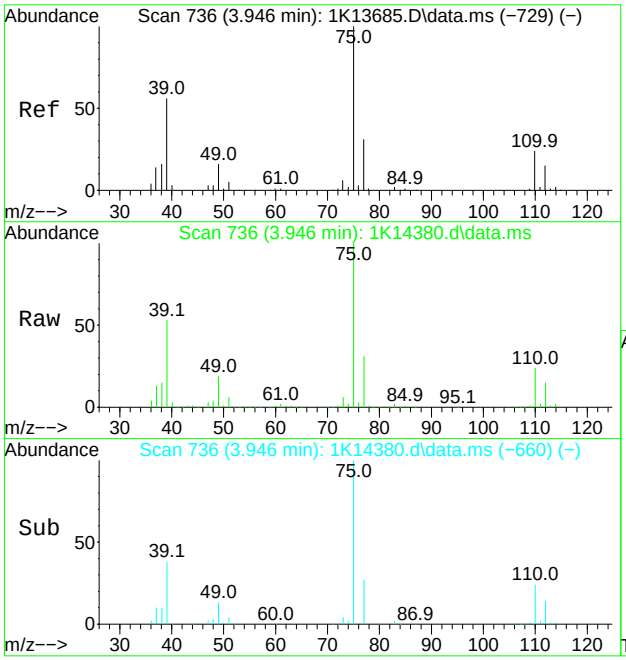


#68
epichlorohydrin
Concen: 204.1926 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 57 Resp: 242503

Ion	Ratio	Lower	Upper
57	100		
49	28.7	6.2	46.2
42	10.3	0.0	29.7

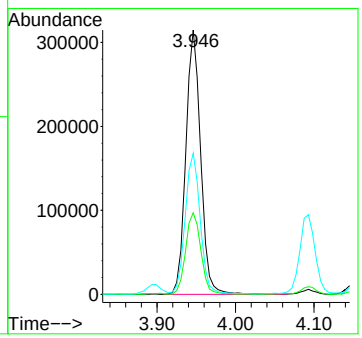


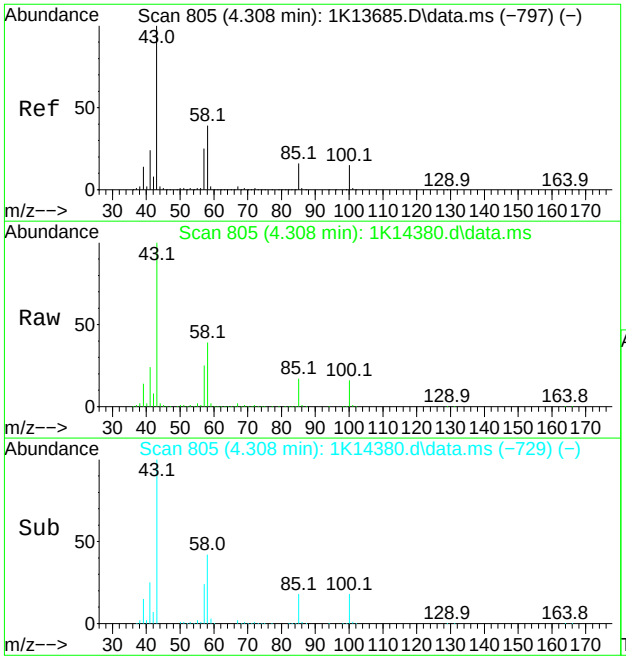


#69
cis-1,3-dichloropropene
Concen: 45.9830 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 75 Resp: 413294

Ion	Ratio	Lower	Upper
75	100		
77	30.7	1.6	61.6
39	52.3	26.9	86.9

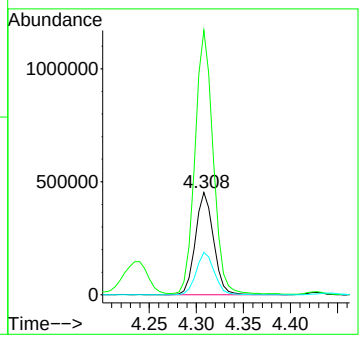


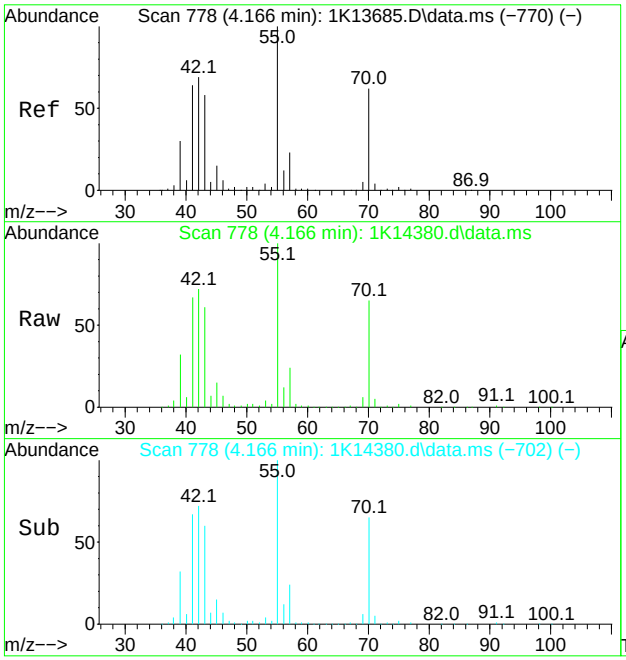


#70
4-methyl-2-pentanone
Concen: 183.5327 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 58 Resp: 612232

Ion	Ratio	Lower	Upper
58	100		
43	258.0	226.7	286.7
100	41.4	8.1	68.1

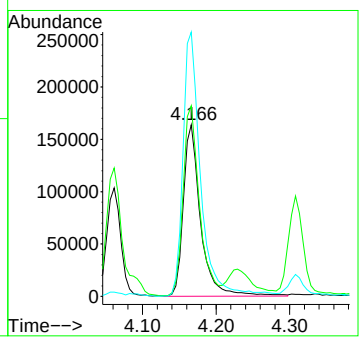


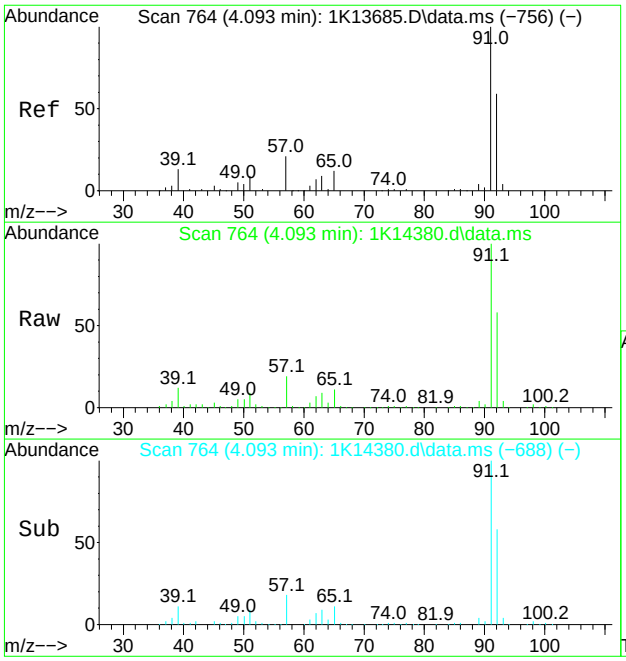


#71
3-methyl-1-butanol
Concen: 751.3138 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 70 Resp: 266688

Ion	Ratio	Lower	Upper
70	100		
42	110.8	81.3	141.3
55	154.2	131.4	191.4

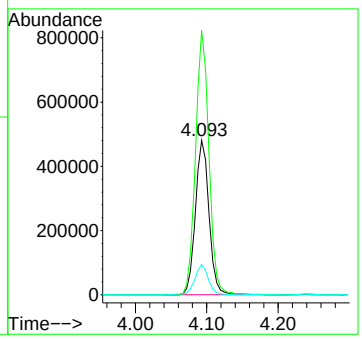


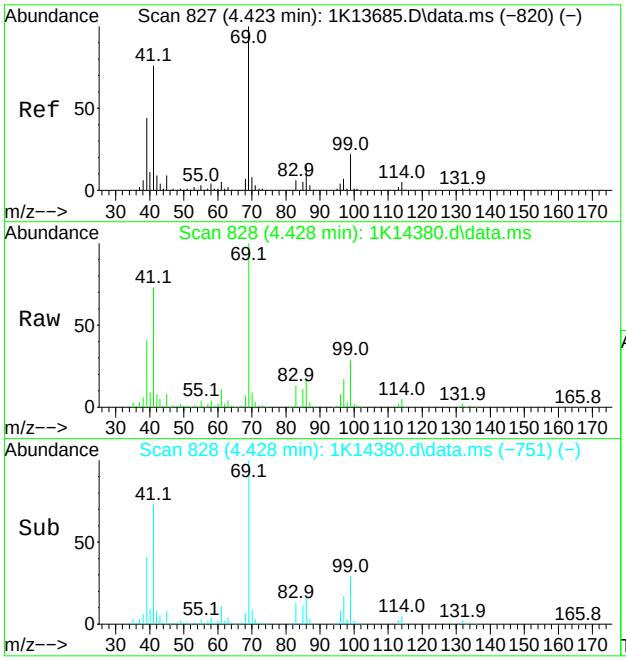


#74
toluene
Concen: 45.2693 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 92 Resp: 636655

Ion	Ratio	Lower	Upper
92	100		
91	171.3	150.5	190.5
65	19.7	0.6	40.6

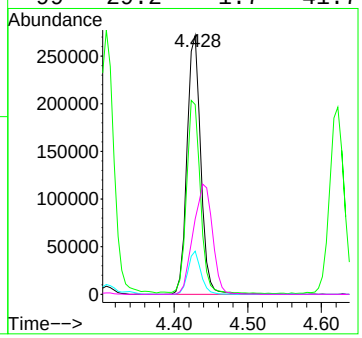


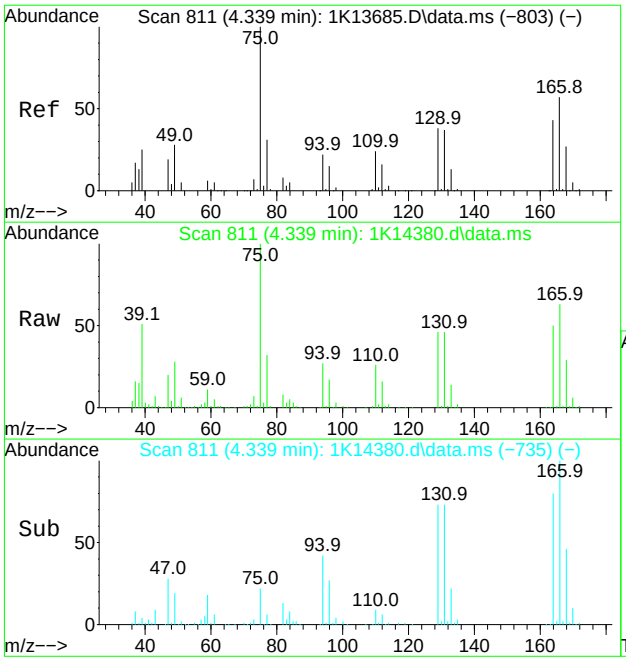


#75
ethyl methacrylate
Concen: 44.3324 ug/L
RT: 4.428 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 69 Resp: 352488

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.7	96.7
86	16.8	0.0	35.4
99	29.2	1.7	41.7

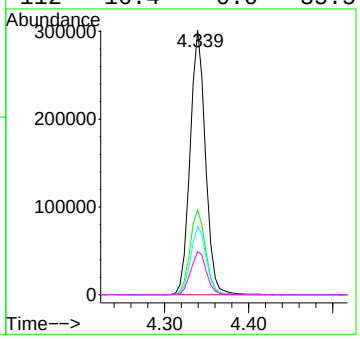


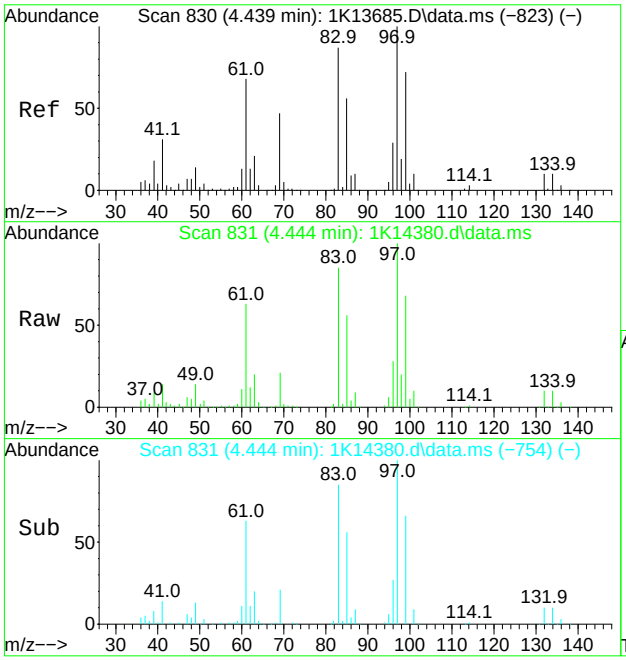


#76
trans-1,3-dichloropropene
Concen: 44.6243 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 75 Resp: 382292

Ion	Ratio	Lower	Upper
75	100		
77	32.2	11.2	51.2
110	25.9	4.0	44.0
112	16.4	0.0	35.5

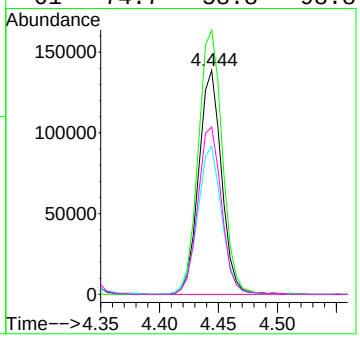


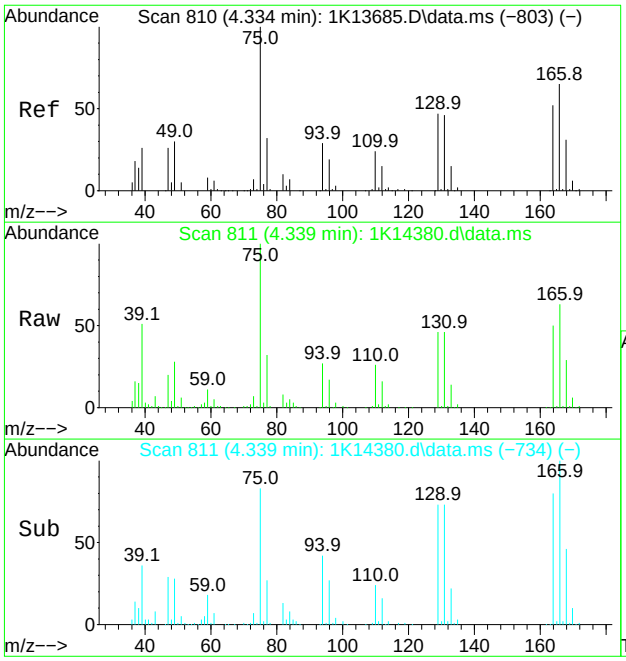


#77
1,1,2-trichloroethane
Concen: 45.6658 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 83 Resp: 188210

Ion	Ratio	Lower	Upper
83	100		
97	118.1	95.4	135.4
85	65.8	45.4	85.4
61	74.7	58.8	98.8

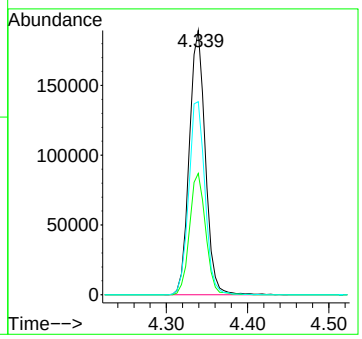


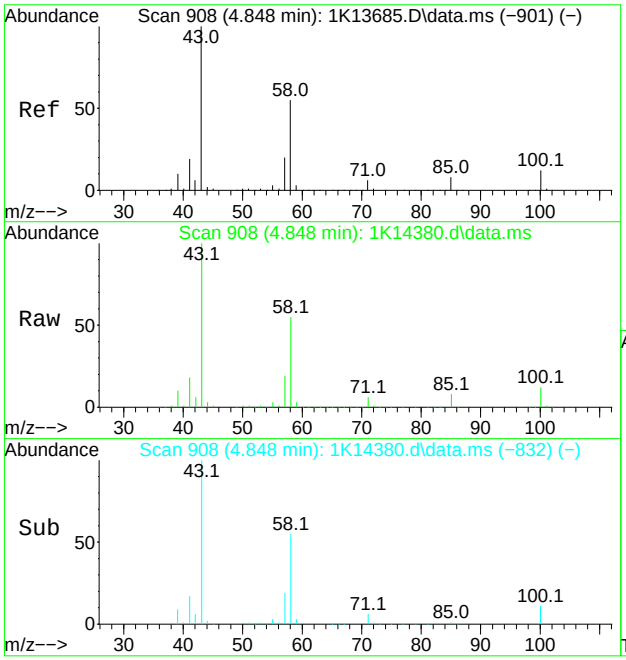


#78
tetrachloroethene
Concen: 45.8643 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:166 Resp: 260686

Ion	Ratio	Lower	Upper
166	100		
168	45.9	17.2	77.2
129	73.0	42.2	102.2

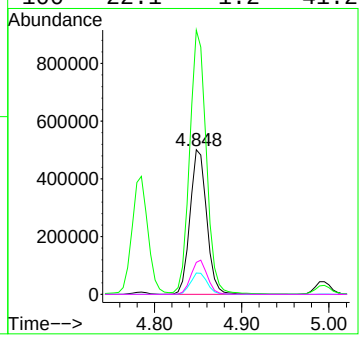


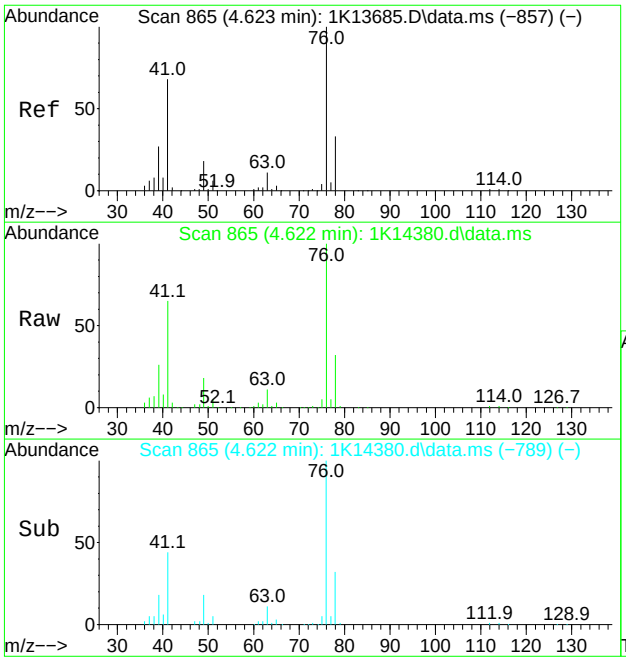


#79
2-hexanone
Concen: 173.5279 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 58 Resp: 664452

Ion	Ratio	Lower	Upper
58	100		
43	182.7	162.0	202.0
85	14.7	0.0	34.2
100	22.1	1.2	41.2

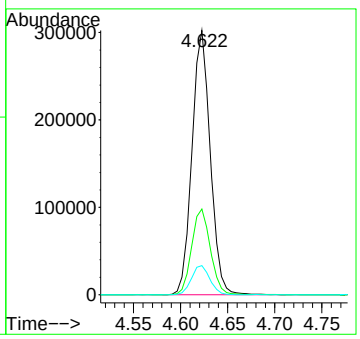


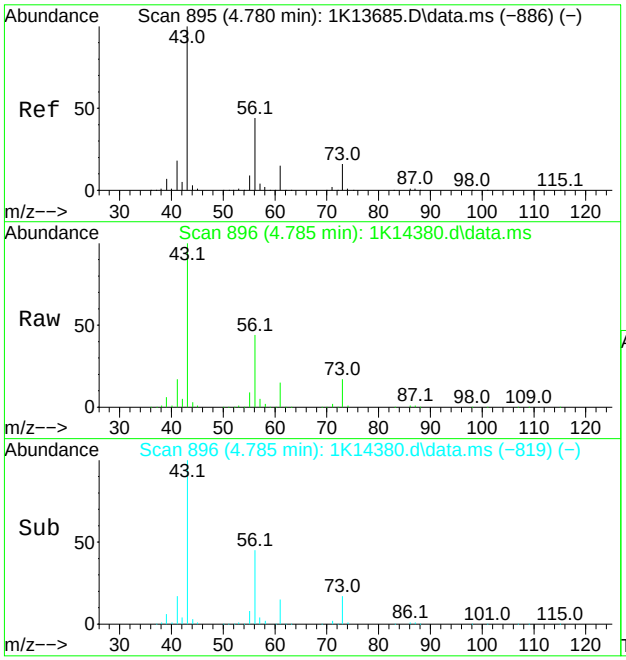


#80
1,3-dichloropropane
Concen: 44.9502 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 76 Resp: 407264

Ion	Ratio	Lower	Upper
76	100		
78	32.4	3.0	63.0
63	11.0	0.0	40.8

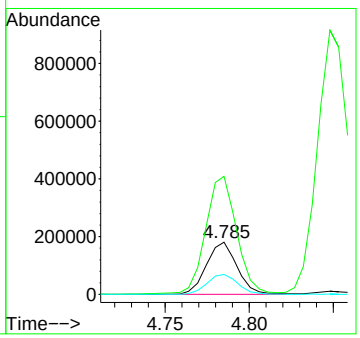


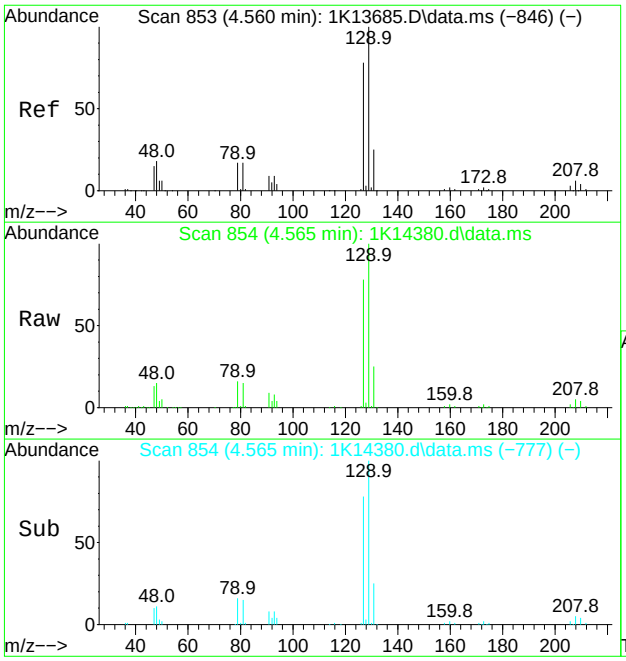


#81
butyl acetate
Concen: 44.3657 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 56 Resp: 229480

Ion	Ratio	Lower	Upper
56	100		
43	224.0	198.9	258.9
73	38.2	7.7	67.7

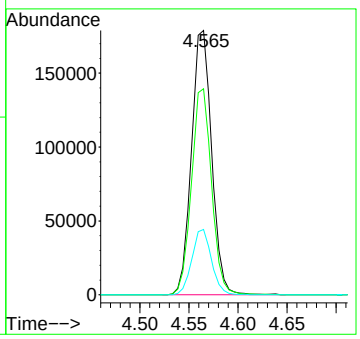


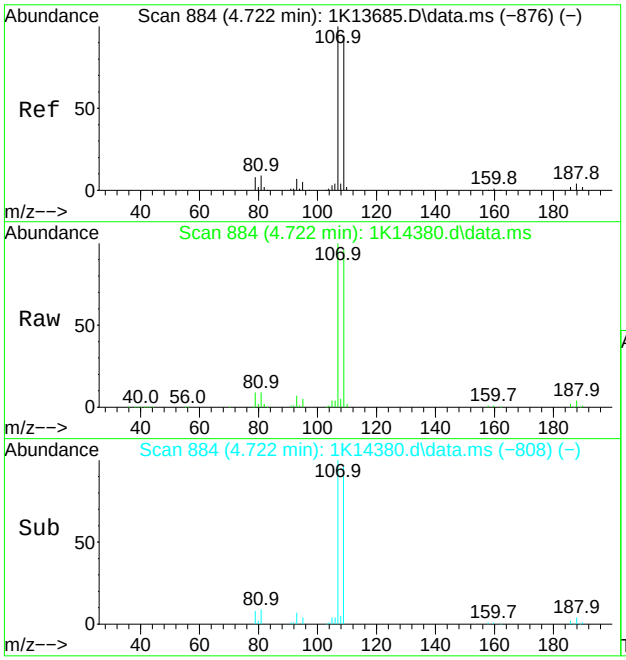


#82
dibromochloromethane
Concen: 50.8536 ug/L
RT: 4.565 min Scan# 854
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:129 Resp: 255627

Ion	Ratio	Lower	Upper
129	100		
127	77.9	48.2	108.2
131	24.7	0.0	54.9

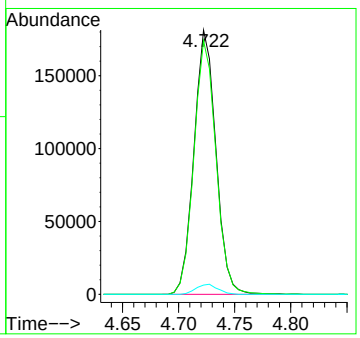


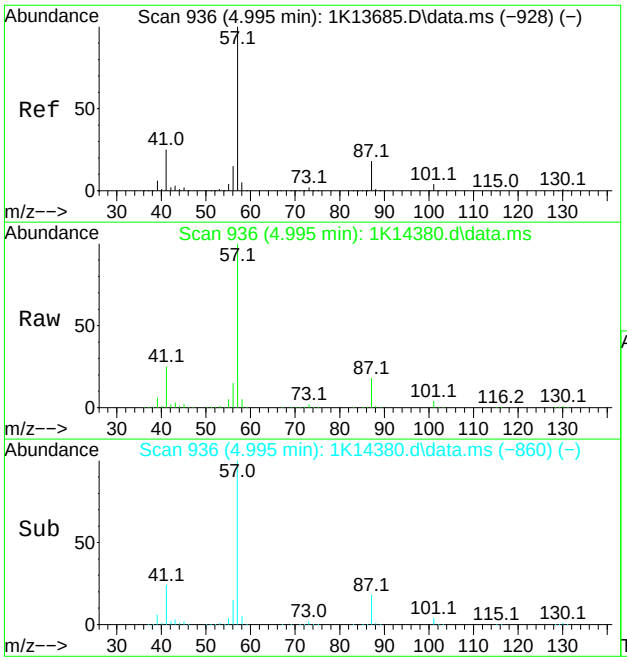


#83
1,2-dibromoethane
Concen: 47.4375 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:107 Resp: 247655

Ion	Ratio	Lower	Upper
107	100		
109	95.9	64.1	124.1
188	3.5	0.0	33.9

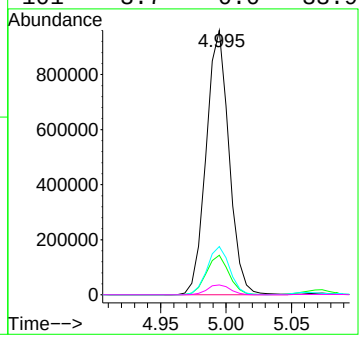


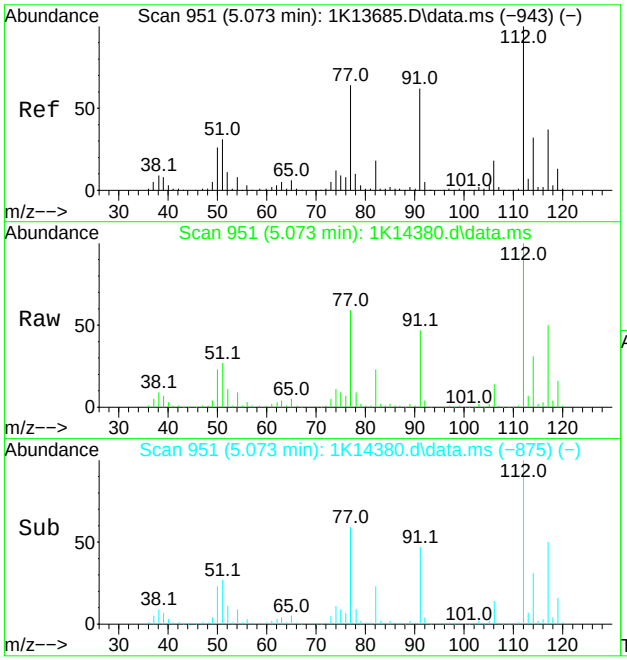


#84
n-butyl ether
Concen: 43.1053 ug/L
RT: 4.995 min Scan# 936
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 57 Resp: 1170006

Ion	Ratio	Lower	Upper
57	100		
56	14.9	0.0	44.5
87	18.2	0.0	47.6
101	3.7	0.0	33.9

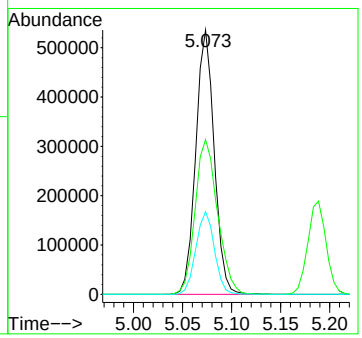


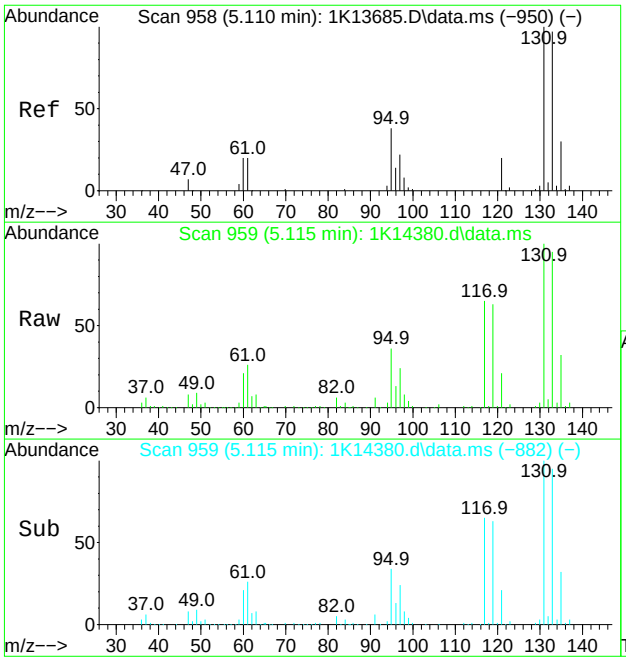


#85
chlorobenzene
Concen: 47.1046 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:112 Resp: 702315

Ion	Ratio	Lower	Upper
112	100		
77	58.6	33.8	93.8
114	31.3	2.0	62.0

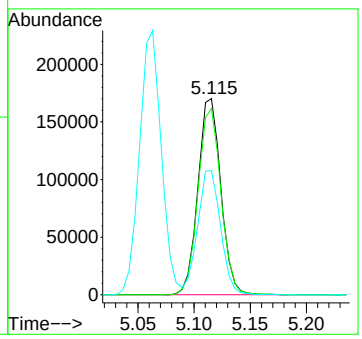


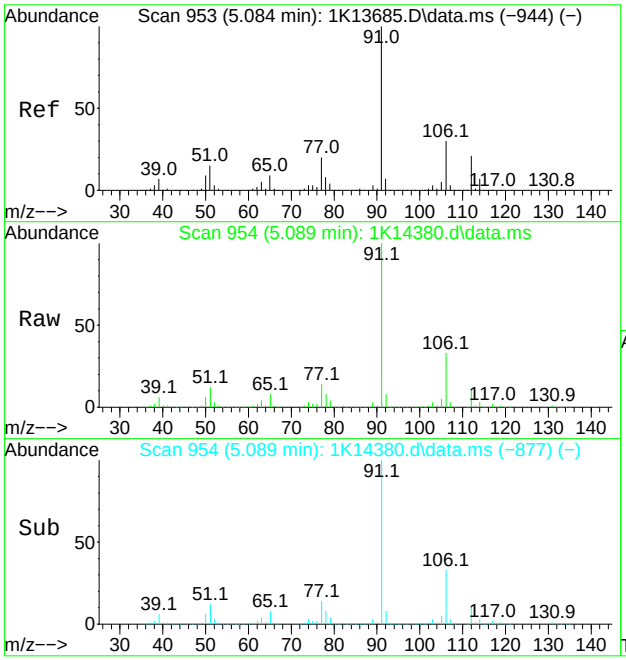


#86
1,1,1,2-tetrachloroethane
Concen: 49.2247 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:131 Resp: 242223

Ion	Ratio	Lower	Upper
131	100		
133	94.9	67.0	127.0
119	63.3	34.4	94.4

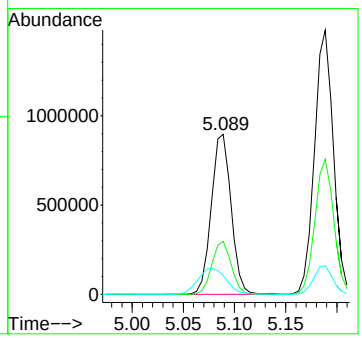


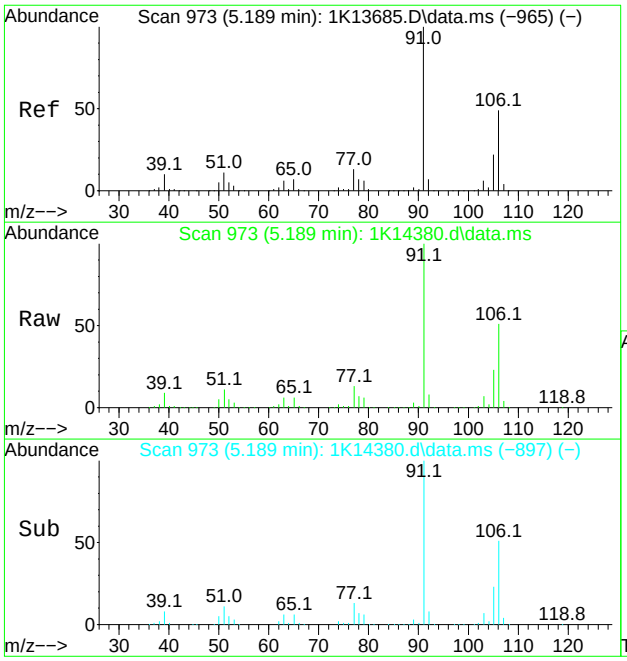


#87
ethylbenzene
Concen: 42.9258 ug/L
RT: 5.089 min Scan# 954
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 91 Resp: 1203432

Ion	Ratio	Lower	Upper
91	100		
106	33.0	0.2	60.2
51	11.7	0.0	45.3

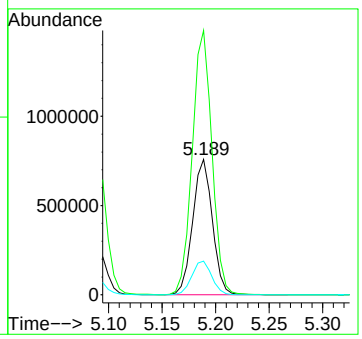


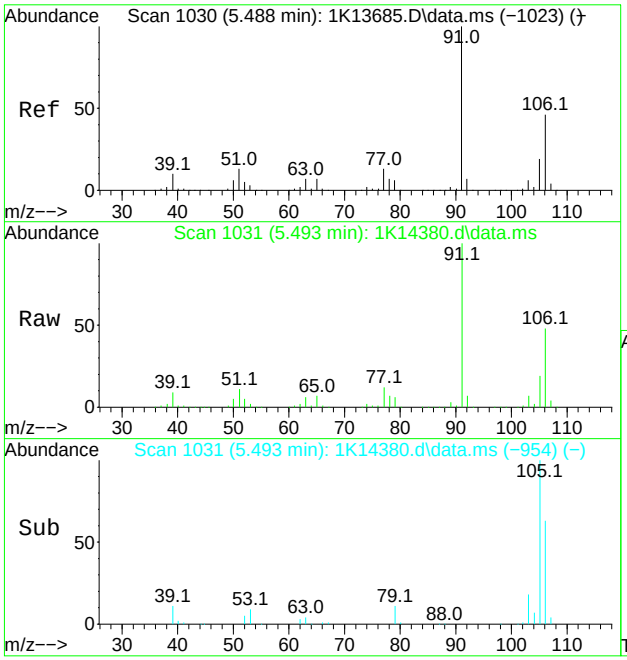


#88
m,p-xylene
Concen: 92.8709 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:106 Resp: 970797

Ion	Ratio	Lower	Upper
106	100		
91	195.2	172.8	232.8
77	24.9	5.8	45.8

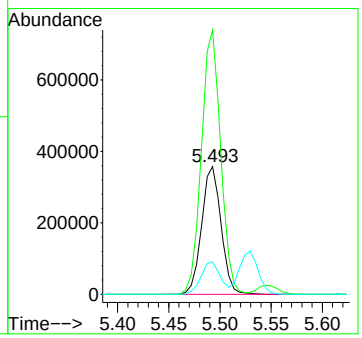


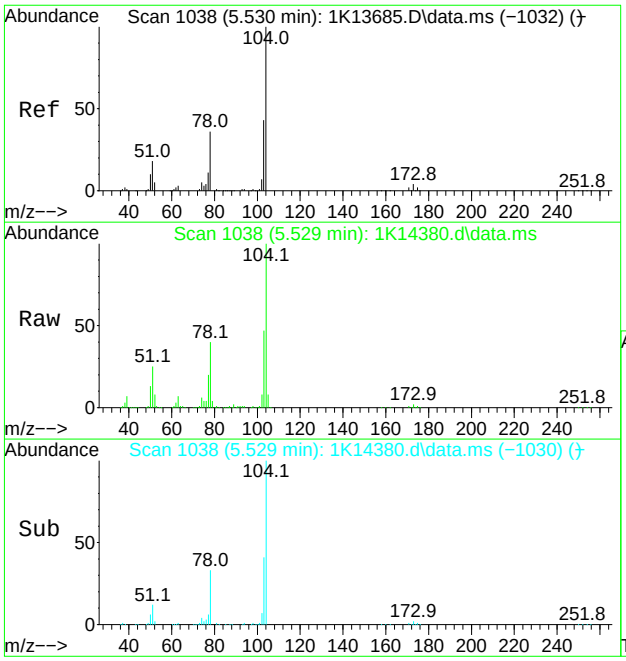


#89
o-xylene
Concen: 47.7072 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:106 Resp: 474060

Ion	Ratio	Lower	Upper
106	100		
91	206.8	186.3	246.3
77	25.6	7.1	47.1

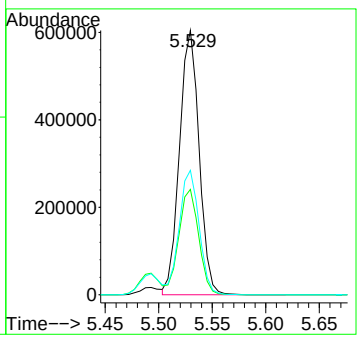


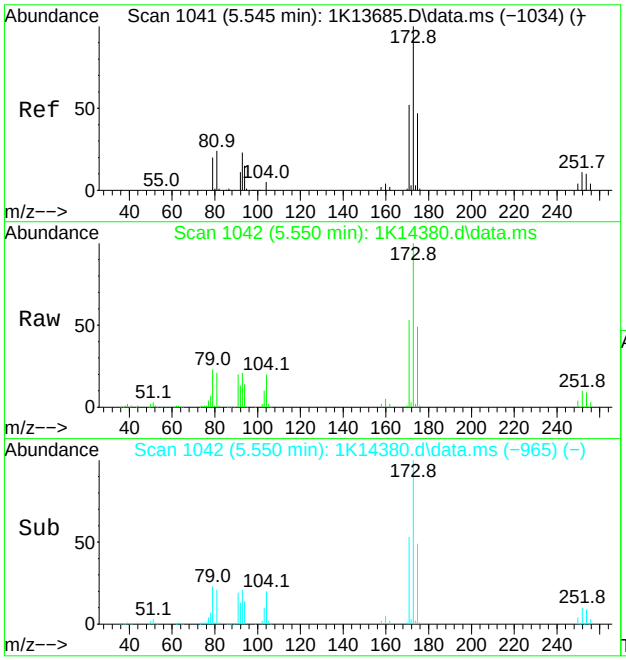


#90
styrene
Concen: 47.1862 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:104 Resp: 772205

Ion	Ratio	Lower	Upper
104	100		
78	39.9	10.4	70.4
103	47.1	17.6	77.6

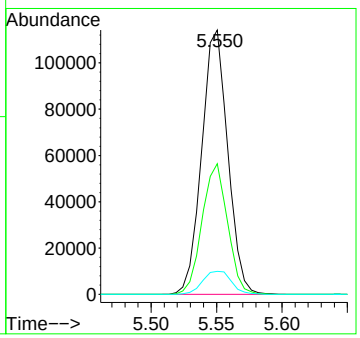


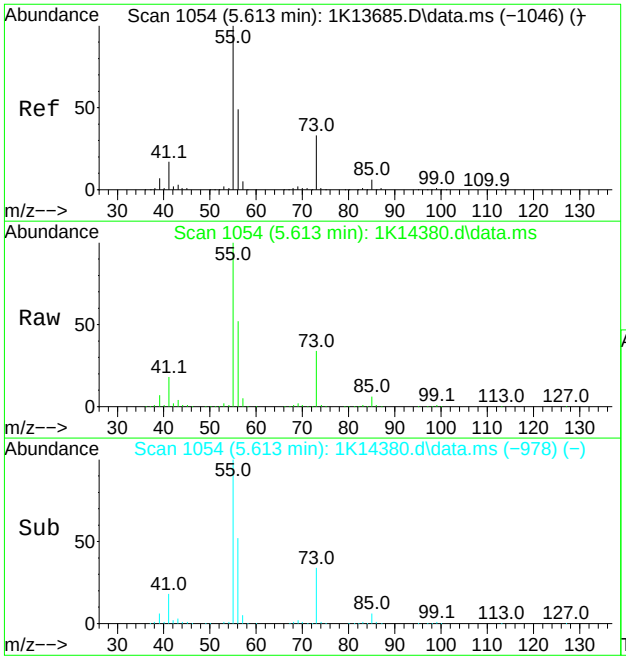


#91
bromoform
Concen: 44.7356 ug/L
RT: 5.550 min Scan# 1042
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:173 Resp: 158337

Ion	Ratio	Lower	Upper
173	100		
175	49.4	17.2	77.2
254	8.7	0.0	39.9

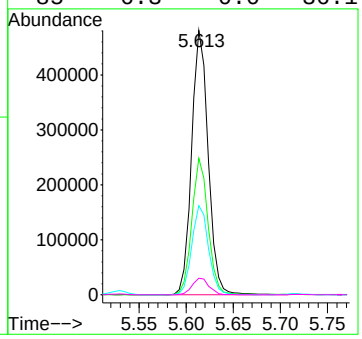


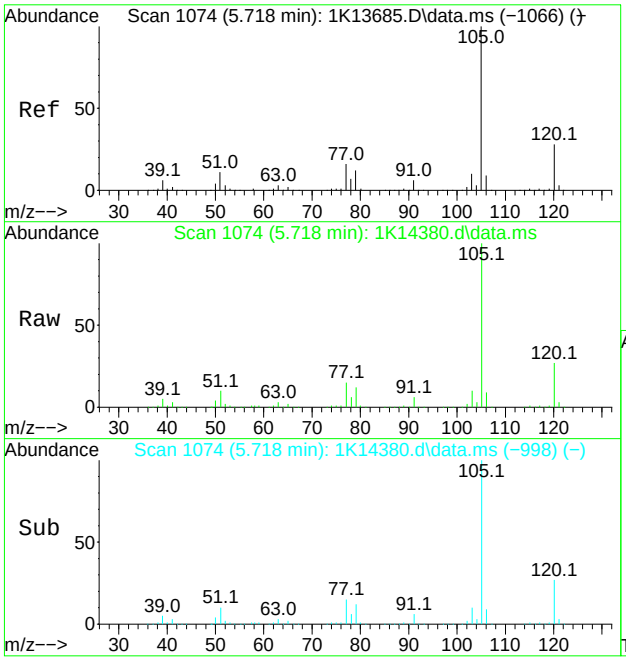


#92
butyl acrylate
Concen: 42.8909 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 55 Resp: 587795

Ion	Ratio	Lower	Upper
55	100		
56	51.6	19.4	79.4
73	33.7	3.4	63.4
85	6.3	0.0	36.1

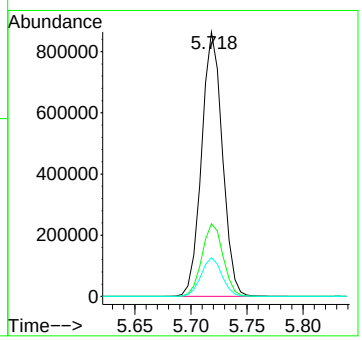


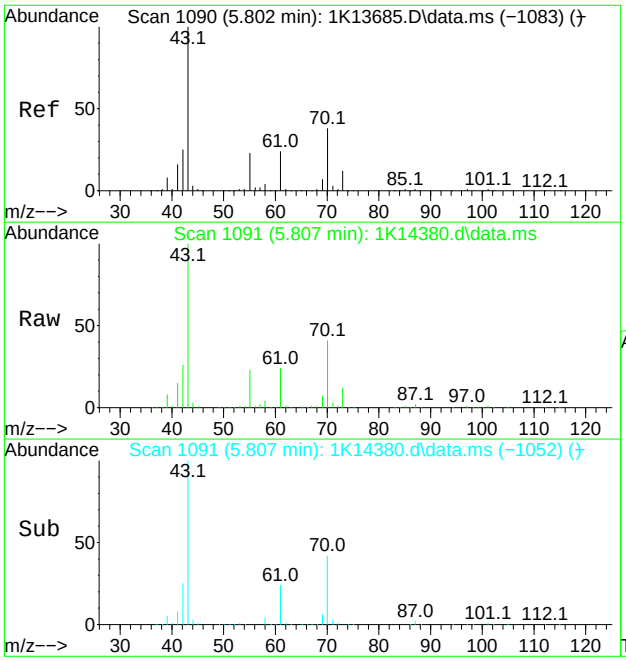


#93
isopropylbenzene
Concen: 47.1522 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:105 Resp: 1118820

Ion	Ratio	Lower	Upper
105	100		
120	27.5	7.6	47.6
77	14.6	0.0	35.6

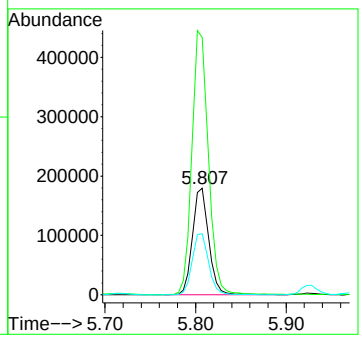


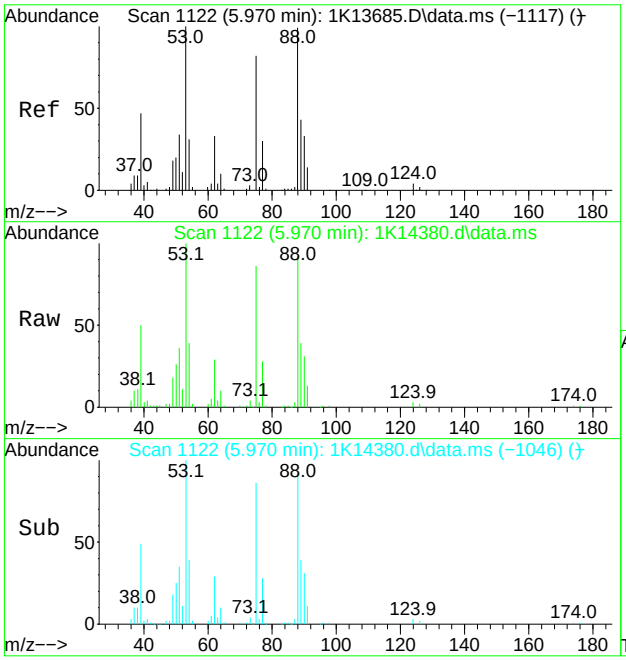


#94
n-amyl acetate
Concen: 45.5161 ug/L
RT: 5.807 min Scan# 1091
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 70 Resp: 224330

Ion	Ratio	Lower	Upper
70	100		
43	241.3	241.4	281.4#
61	57.3	43.1	83.1

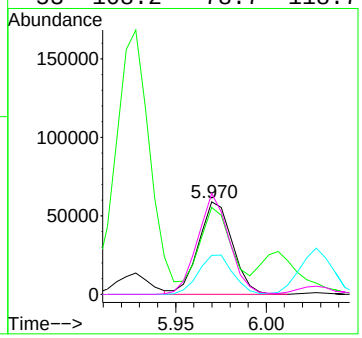


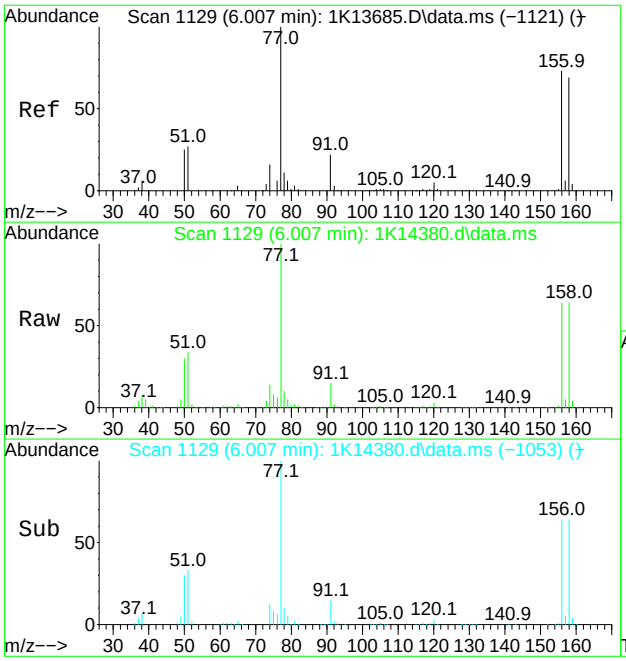


#95
cis-1,4-dichloro-2-butene
Concen: 26.0200 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 88 Resp: 76634

Ion	Ratio	Lower	Upper
88	100		
75	57.5	61.4	101.4#
89	42.3	22.1	62.1
53	108.2	78.7	118.7

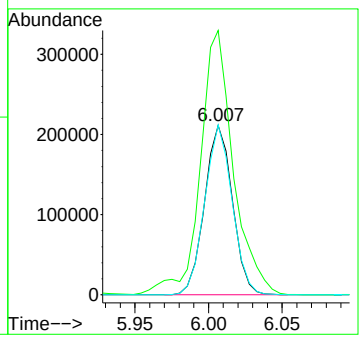


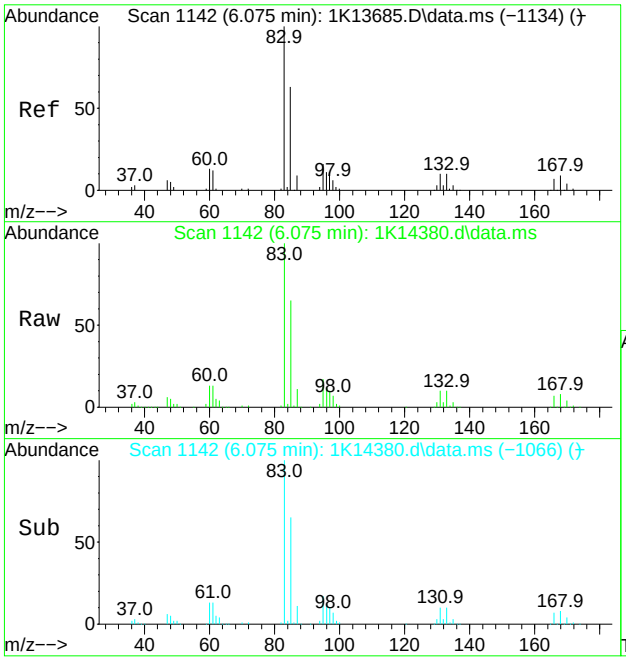


#98
bromobenzene
Concen: 45.4938 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:156 Resp: 277313

Ion	Ratio	Lower	Upper
156	100		
77	156.0	121.4	181.4
158	100.4	64.8	124.8

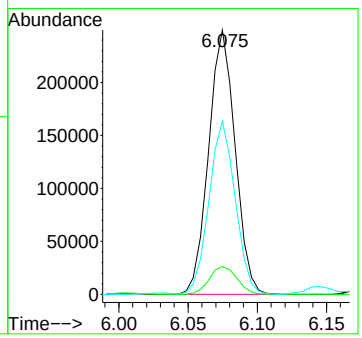


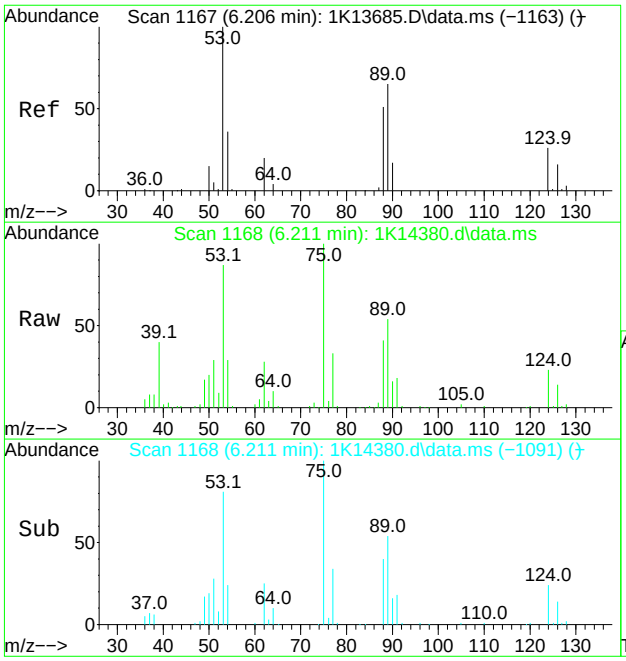


#99
1,1,2,2-tetrachloroethane
Concen: 47.5531 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 83 Resp: 331342

Ion	Ratio	Lower	Upper
83	100		
131	10.5	0.0	40.4
85	65.2	33.3	93.3

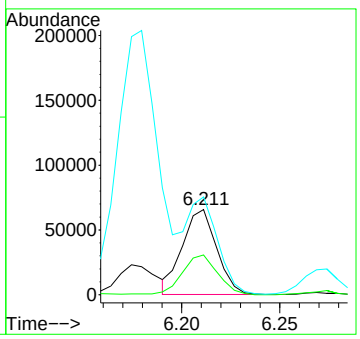


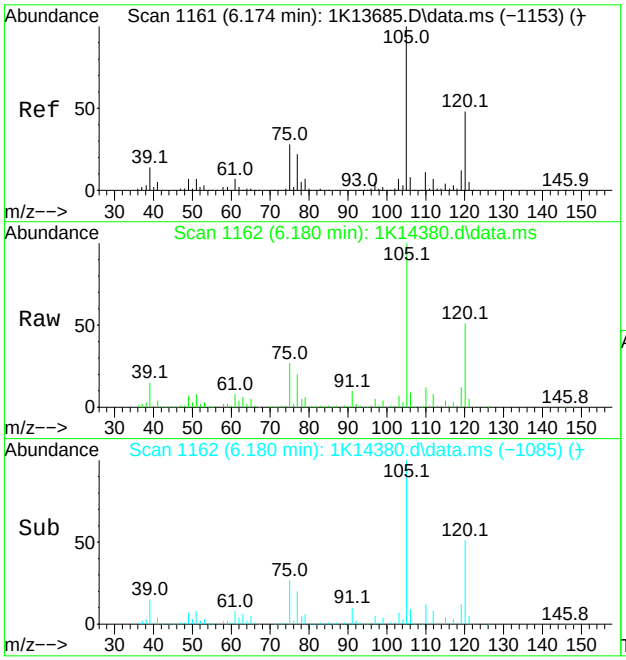


#100
trans-1,4-dichloro-2-butene
Concen: 28.0861 ug/L
RT: 6.211 min Scan# 1168
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 53 Resp: 79833

Ion	Ratio	Lower	Upper
53	100		
88	46.2	15.0	75.0
75	111.7	88.4	148.4

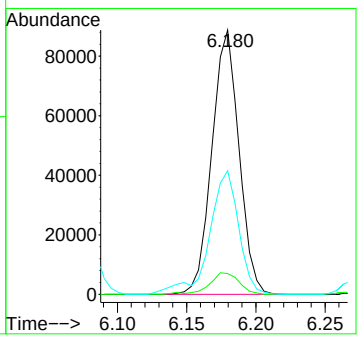


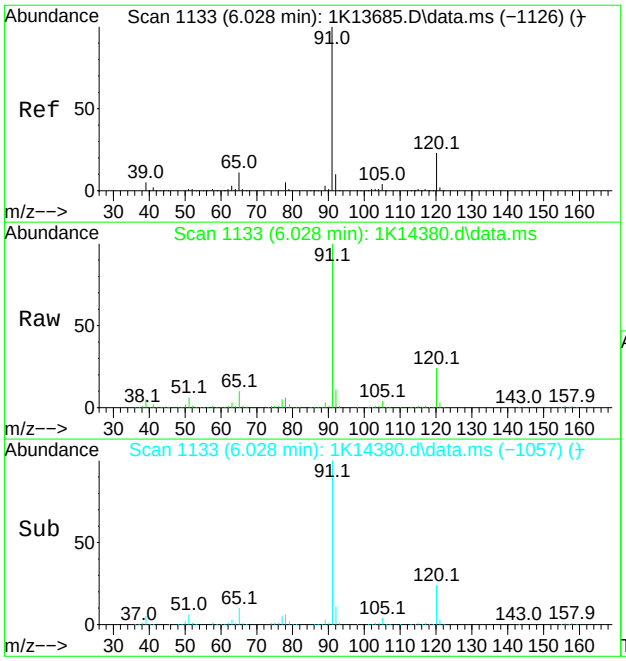


#101
1,2,3-trichloropropane
Concen: 51.7444 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:110 Resp: 120289

Ion	Ratio	Lower	Upper
110	100		
111	7.8	0.0	40.4
97	46.8	19.6	79.6

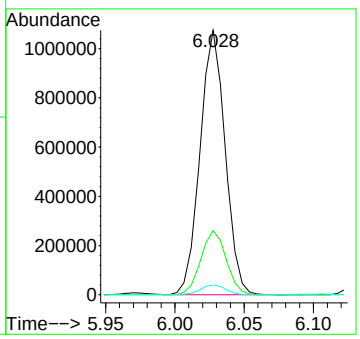


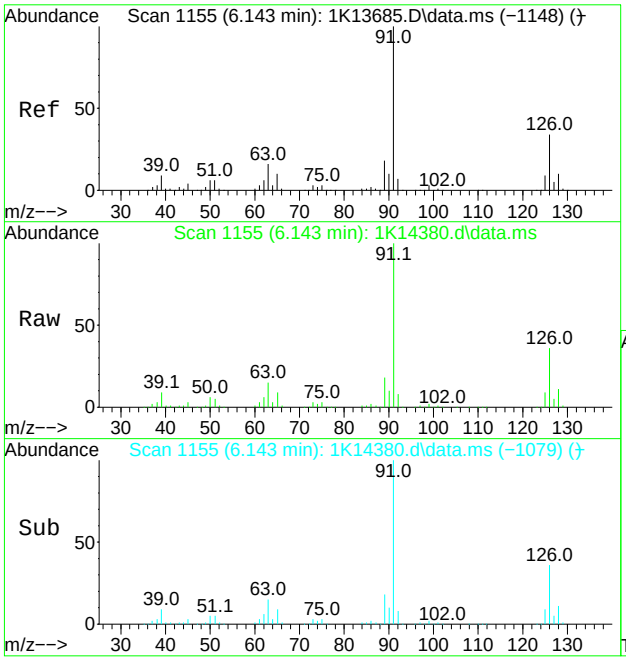


#102
n-propylbenzene
Concen: 46.0072 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 91 Resp: 1349485

Ion	Ratio	Lower	Upper
91	100		
120	24.4	0.0	53.1
105	3.7	0.0	33.8

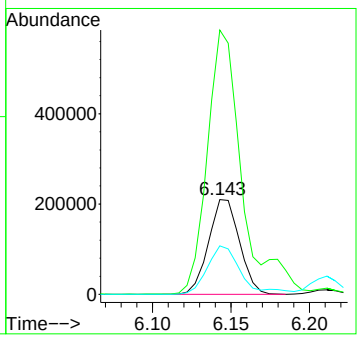


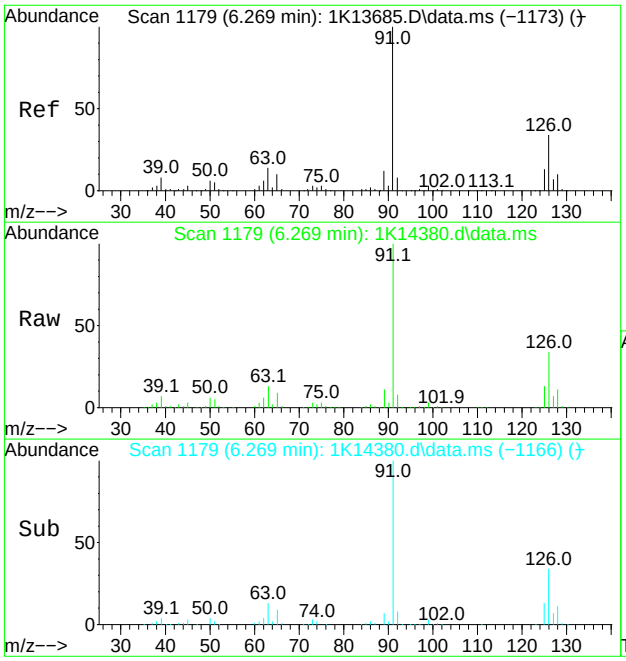


#103
2-chlorotoluene
Concen: 50.6414 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:126 Resp: 289035

Ion	Ratio	Lower	Upper
126	100		
91	278.5	265.3	325.3
89	51.1	24.5	84.5

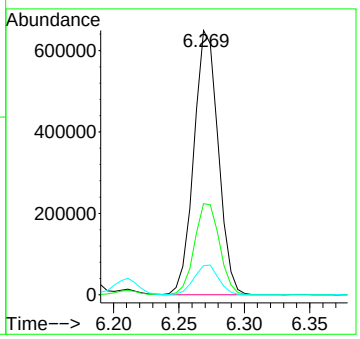


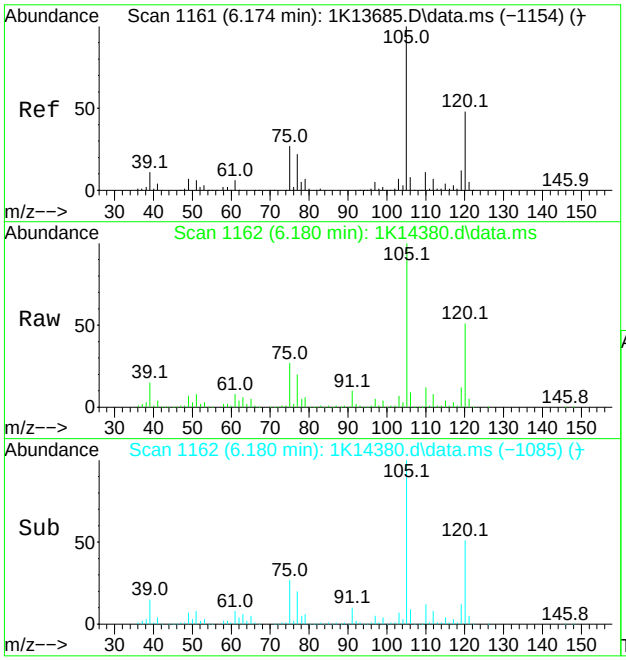


#104
4-chlorotoluene
Concen: 45.2494 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 91 Resp: 840748

Ion	Ratio	Lower	Upper
91	100		
126	34.5	3.8	63.8
89	11.0	0.0	41.7

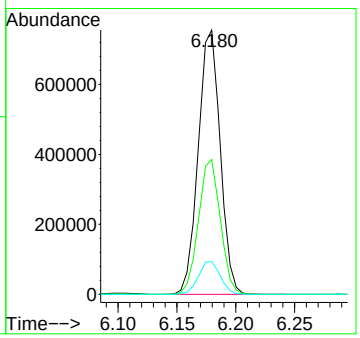


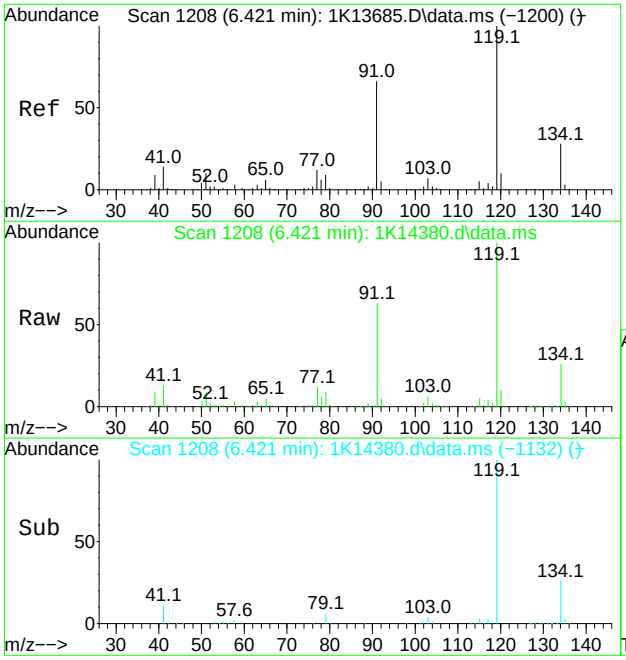


#105
1,3,5-trimethylbenzene
Concen: 48.8620 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:105 Resp: 980769

Ion	Ratio	Lower	Upper
105	100		
120	51.0	18.3	78.3
119	12.5	0.0	42.2

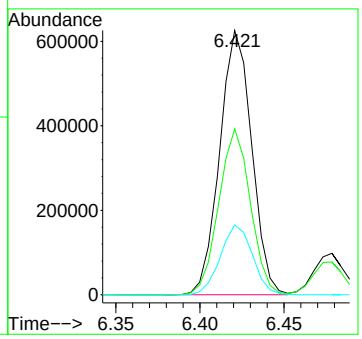


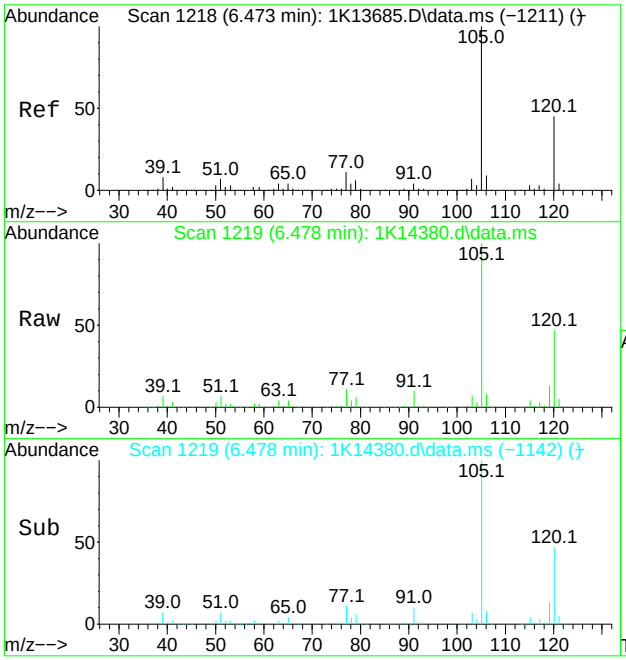


#106
tert-butylbenzene
Concen: 49.3687 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:119 Resp: 830821

Ion	Ratio	Lower	Upper
119	100		
91	62.8	36.3	96.3
134	26.4	0.0	57.5

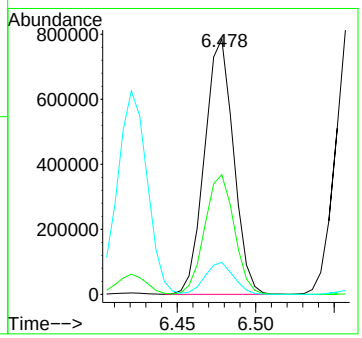


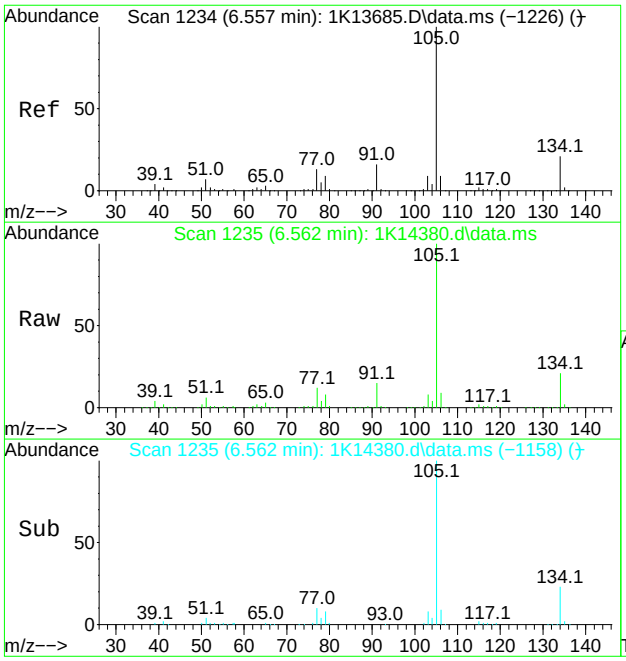


#107
1,2,4-trimethylbenzene
Concen: 48.3480 ug/L
RT: 6.478 min Scan# 1219
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:105 Resp: 1008605

Ion	Ratio	Lower	Upper
105	100		
120	46.8	16.6	76.6
119	12.6	0.0	41.7

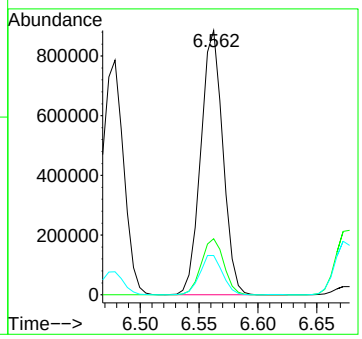


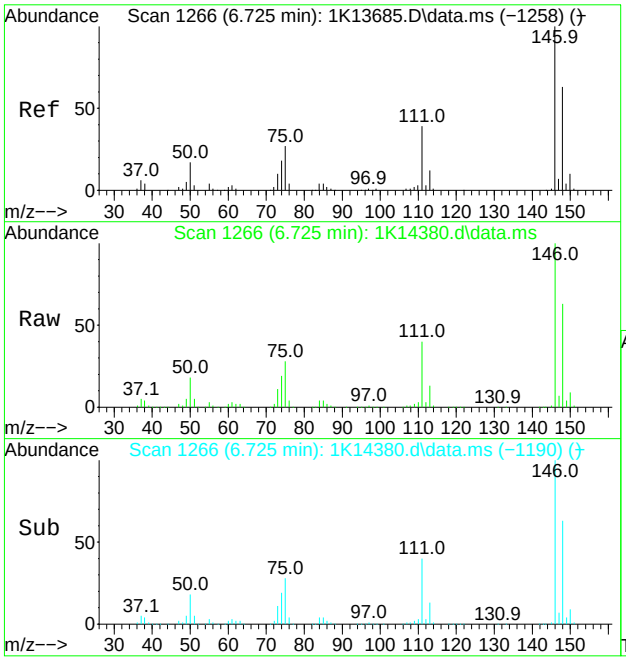


#108
sec-butylbenzene
Concen: 48.6550 ug/L
RT: 6.562 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:105 Resp: 1156235

Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	50.7
91	14.8	0.0	45.7

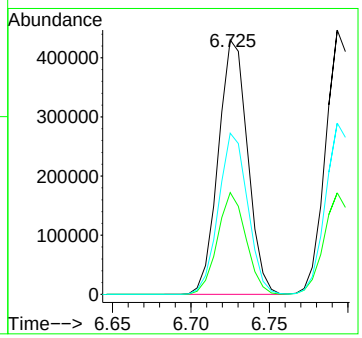


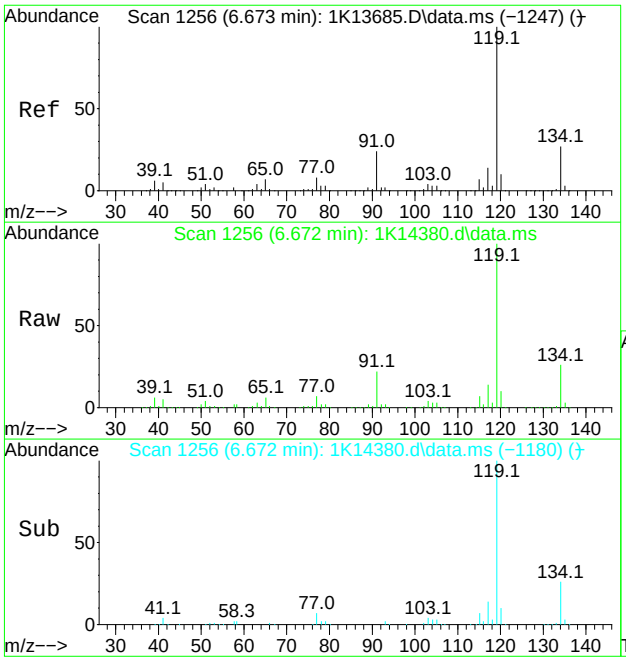


#109
1,3-dichlorobenzene
Concen: 47.3919 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:146 Resp: 560405

Ion	Ratio	Lower	Upper
146	100		
111	39.9	8.8	68.8
148	63.3	33.3	93.3

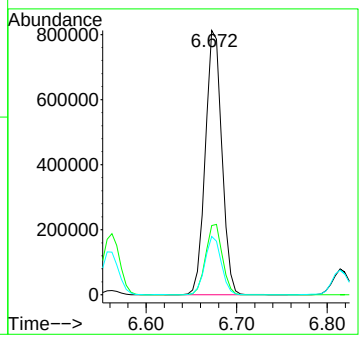


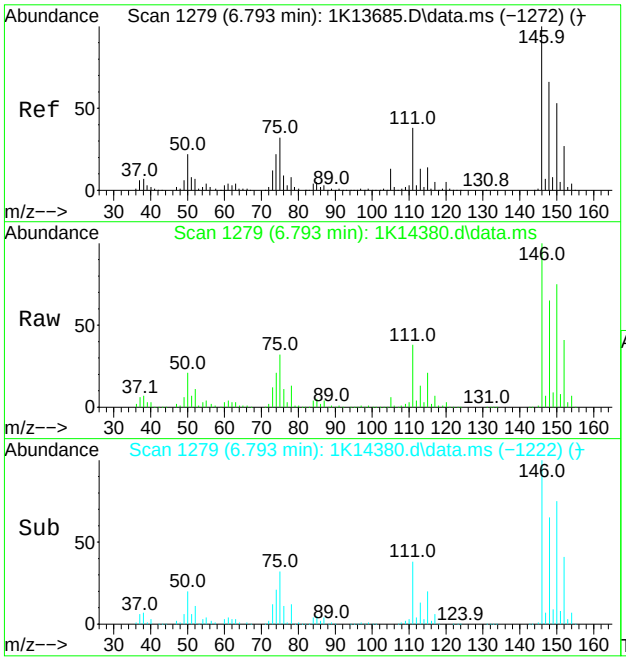


#110
p-isopropyltoluene
Concen: 51.0249 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.001 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:119 Resp: 1026842

Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	57.5
91	22.1	0.0	53.9

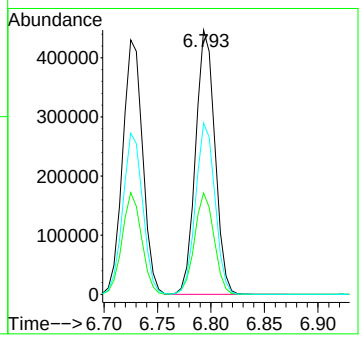


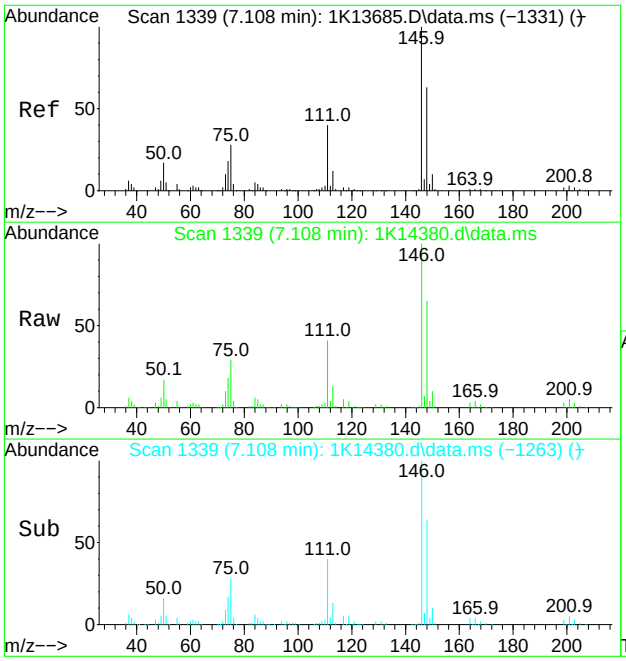


#111
1,4-dichlorobenzene
Concen: 47.0692 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:146 Resp: 562144

Ion	Ratio	Lower	Upper
146	100		
111	38.3	7.8	67.8
148	64.8	35.5	95.5

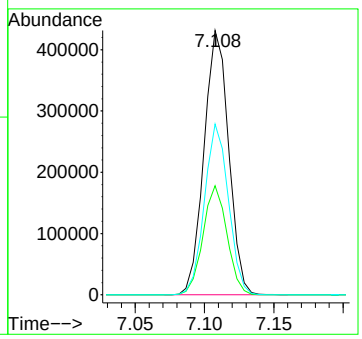


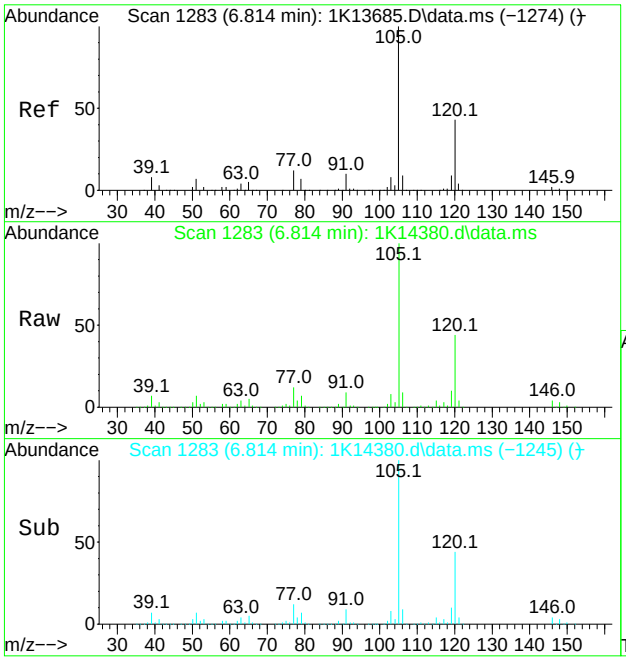


#112
1,2-dichlorobenzene
Concen: 47.4972 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:146 Resp: 532314

Ion	Ratio	Lower	Upper
146	100		
111	41.3	9.5	69.5
148	64.5	32.9	92.9

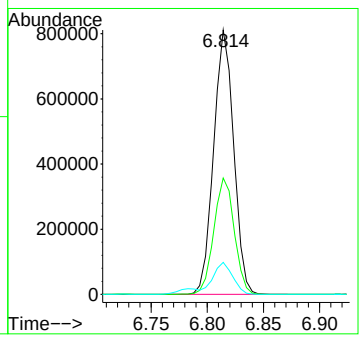


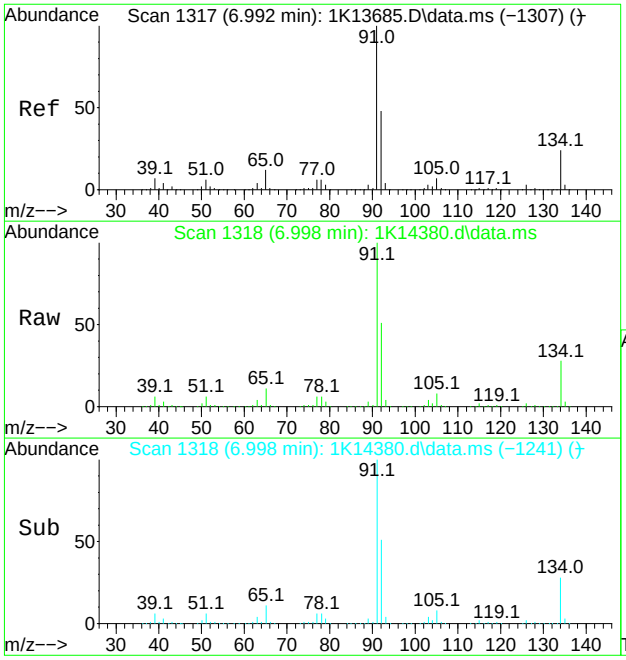


#113
1,2,3-trimethylbenzene
Concen: 47.1869 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:105 Resp: 1010339

Ion	Ratio	Lower	Upper
105	100		
120	44.0	13.3	73.3
77	12.1	0.0	42.2

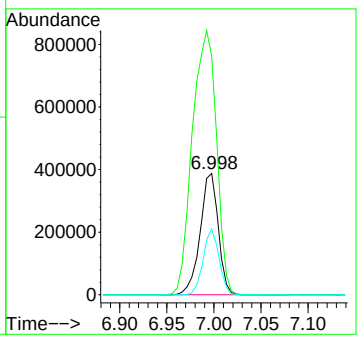


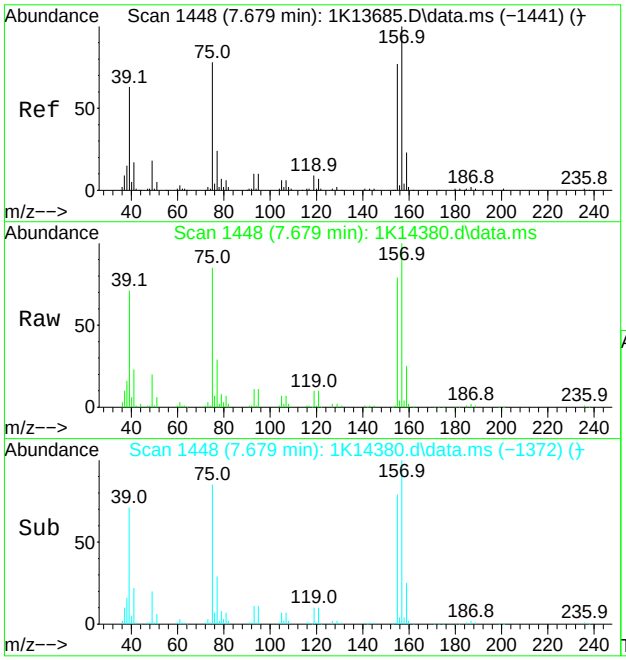


#114
n-butylbenzene
Concen: 48.1817 ug/L
RT: 6.998 min Scan# 1318
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion: 92 Resp: 516889

Ion	Ratio	Lower	Upper
92	100		
91	196.2	176.9	236.9
134	54.4	18.8	78.8

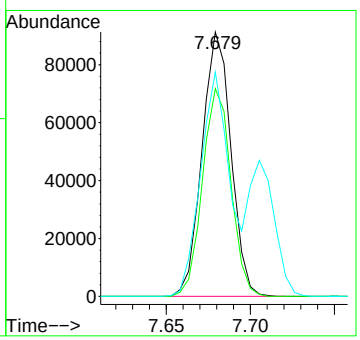


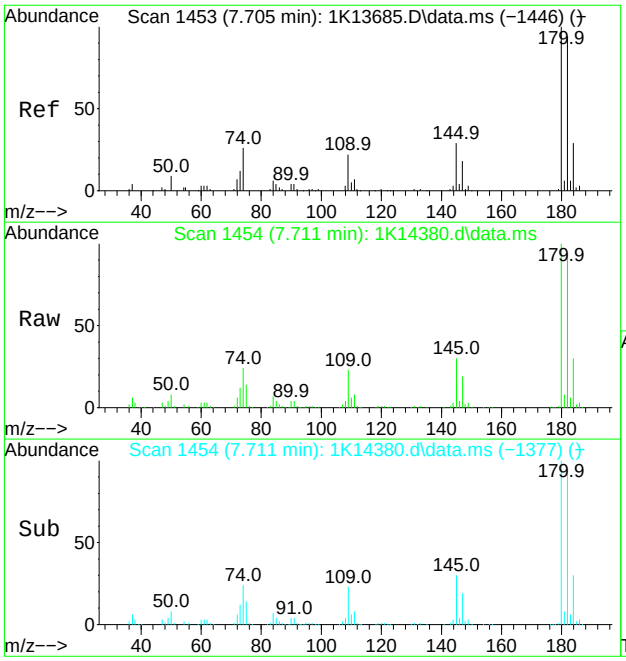


#115
1,2-dibromo-3-chloropropane
Concen: 47.3622 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:157 Resp: 109344

Ion	Ratio	Lower	Upper
157	100		
155	78.5	47.4	107.4
75	84.8	47.7	107.7

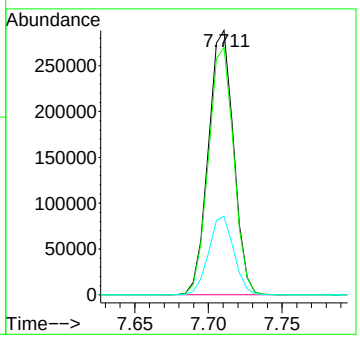


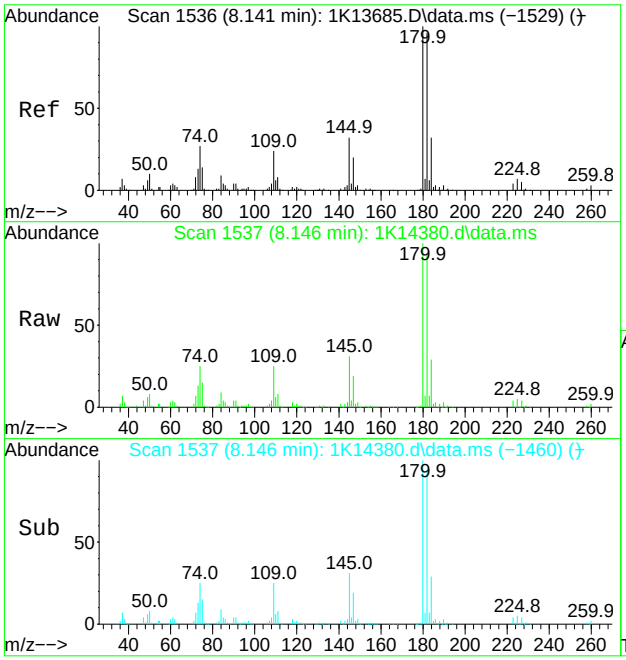


#116
1,3,5-trichlorobenzene
Concen: 46.3310 ug/L
RT: 7.711 min Scan# 1454
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:180 Resp: 343395

Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.2	114.2
184	29.6	9.3	49.3

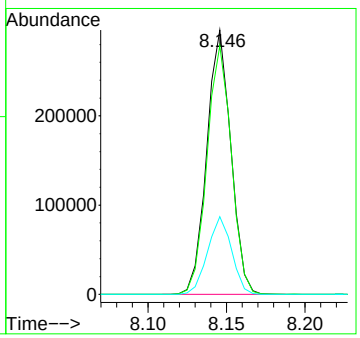


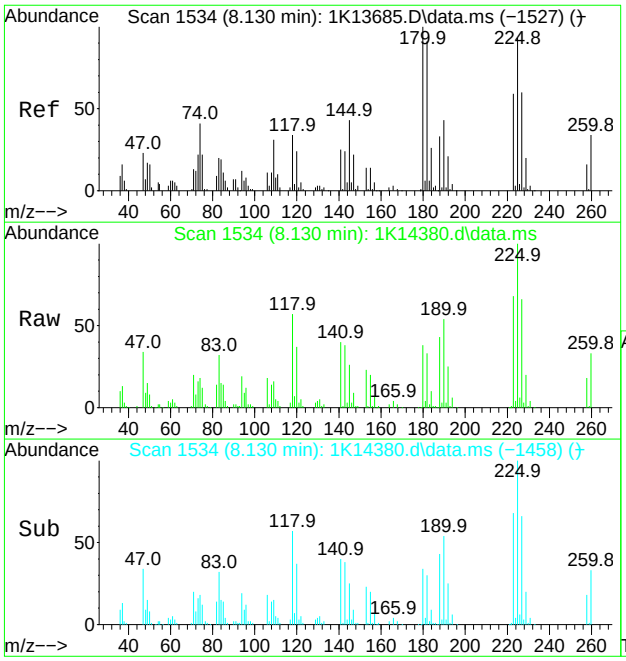


#117
1,2,4-trichlorobenzene
Concen: 47.1780 ug/L
RT: 8.146 min Scan# 1537
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:180 Resp: 316213

Ion	Ratio	Lower	Upper
180	100		
182	94.0	66.2	126.2
184	29.4	1.6	61.6

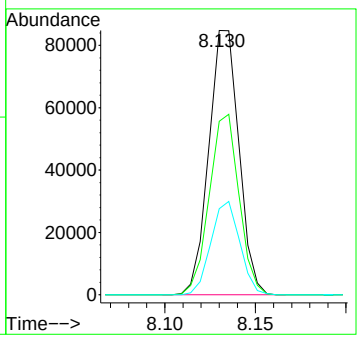


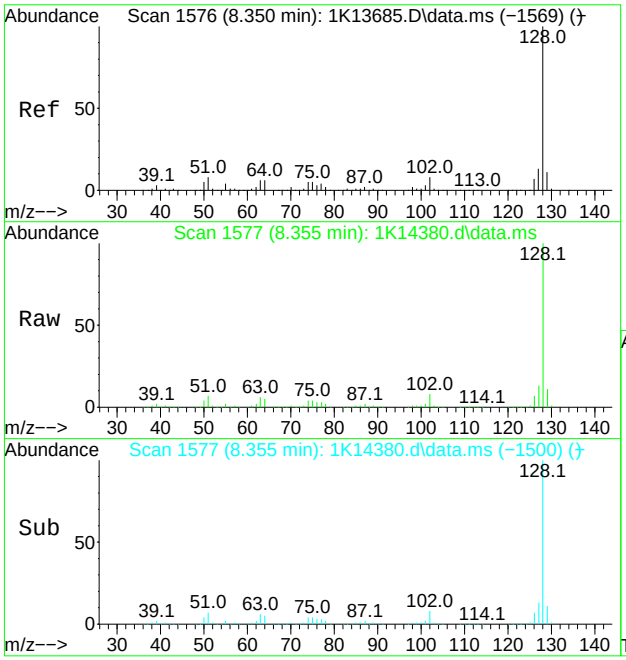


#118
hexachlorobutadiene
Concen: 41.8005 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:225 Resp: 97857

Ion	Ratio	Lower	Upper
225	100		
227	65.6	34.0	94.0
260	32.6	6.4	66.4

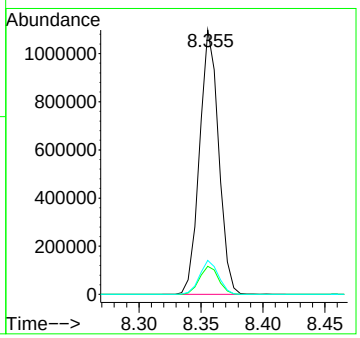


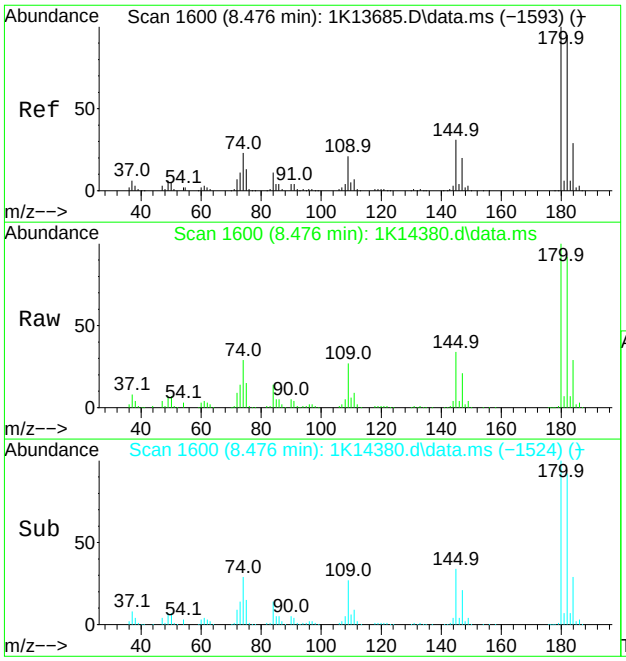


#119
naphthalene
Concen: 50.3308 ug/L
RT: 8.355 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:128 Resp: 1179376

Ion	Ratio	Lower	Upper
128	100		
129	10.6	0.0	40.7
127	12.9	0.0	42.5

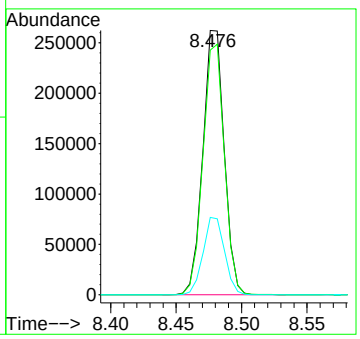


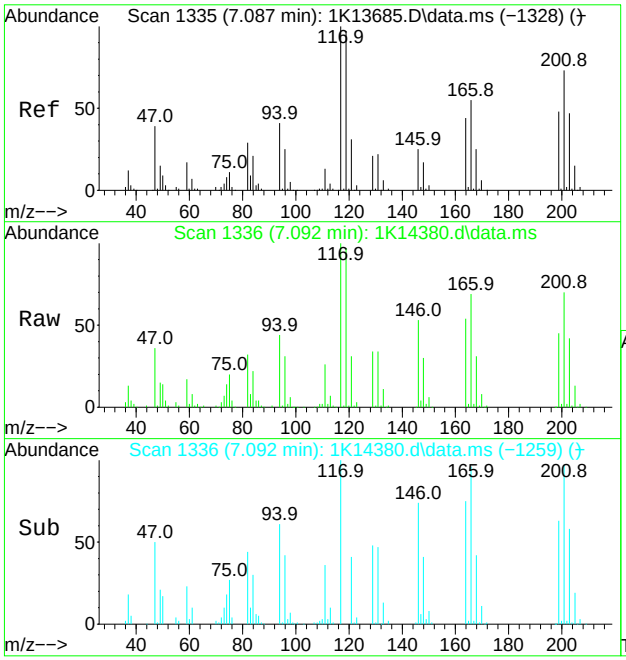


#120
1,2,3-trichlorobenzene
Concen: 47.7693 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:180 Resp: 298845

Ion	Ratio	Lower	Upper
180	100		
182	92.5	64.7	124.7
184	29.3	0.0	59.2

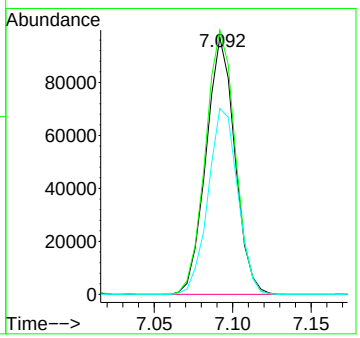


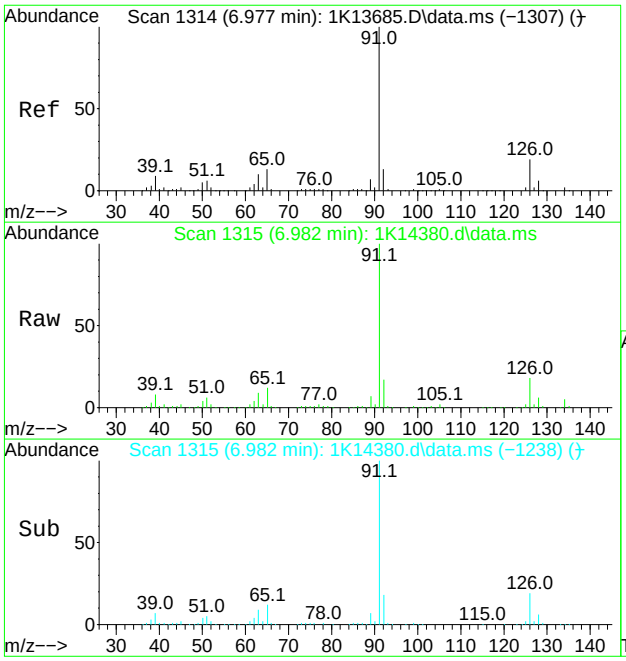


#121
hexachloroethane
Concen: 43.8542 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:119 Resp: 123924

Ion	Ratio	Lower	Upper
119	100		
117	102.9	73.4	133.4
201	72.3	45.3	105.3

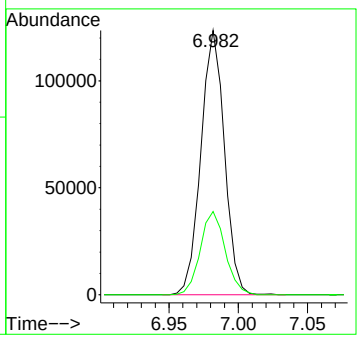


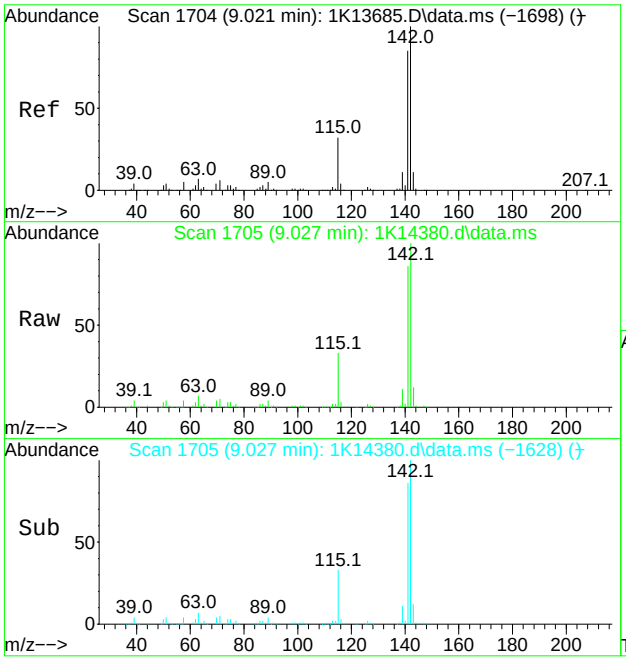


#122
benzyl chloride
Concen: 46.2699 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:126 Resp: 145203

Ion	Ratio	Lower	Upper
126	100		
128	31.5	2.6	62.6

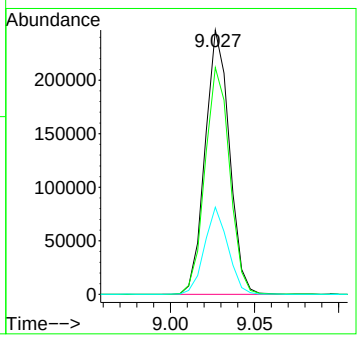




#123
2-methylnaphthalene
Concen: 25.8079 ug/L
RT: 9.027 min Scan# 1705
Delta R.T. 0.006 min
Lab File: 1K14380.d
Acq: 20 Dec 2023 6:34 pm

Tgt Ion:142 Resp: 247898

Ion	Ratio	Lower	Upper
142	100		
141	85.7	55.2	115.2
115	33.0	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179204.D
Acq On : 21 Dec 2023 03:34 pm
Operator : NICKW
Sample : jd79224-4ms Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 22 08:22:42 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.075	65	126919	500.00	ug/L	0.00
5) pentafluorobenzene	3.091	168	113297	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.423	114	222188	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	202894	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	104252	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.841	113	66357	43.86	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 87.72%			
51) 1,2-dichloroethane-d4 (s)	3.146	65	79893	52.36	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 104.72%			
73) toluene-d8 (s)	4.358	98	256371	50.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.08%			
96) 4-bromofluorobenzene (s)	6.339	95	101821	54.57	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 109.14%			
Target Compounds						Qvalue
2) ethanol	1.654	45	164782	11362.8600	ug/L	95
3) tertiary butyl alcohol	2.111	59	111623	284.2132	ug/L	91
4) 1,4-dioxane	3.914	88	25978	1502.1188	ug/L #	68
6) chlorodifluoromethane	1.088	51	126932	80.0890	ug/L	88
7) dichlorodifluoromethane	1.050	85	73757	37.6833	ug/L	97
8) chloromethane	1.172	50	83456	72.9353	ug/L	97
9) vinyl chloride	1.191	62	85032	61.1884	ug/L	99
10) 1,3-butadiene	1.201	39	126865	106.2589	ug/L	94
11) bromomethane	1.349	96	17049	41.3887	ug/L #	96
12) chloroethane	1.407	64	48829	55.7074	ug/L	96
13) trichlorofluoromethane	1.471	101	100220	44.3908	ug/L	99
14) ethyl ether	1.606	74	39222	52.9191	ug/L #	62
15) acrolein	1.850	56	26398	86.1512	ug/L	95
16) freon 113	1.718	151	48161	48.3681	ug/L	97
17) 1,1-dichloroethene	1.706	61	110066	62.2656	ug/L	89
18) acetone	1.982	58	59439	173.2670	ug/L	95
19) acetonitrile	2.204	41	224892	1183.9037	ug/L	99
21) carbon disulfide	1.731	76	169539	52.9050	ug/L	98
22) methylene chloride	1.966	84	65579	49.8452	ug/L #	66
23) methyl acetate	2.034	74	17973	52.5157	ug/L #	1
24) methyl tert butyl ether	2.085	73	239627	57.5195	ug/L	75
25) trans-1,2-dichloroethene	2.043	61	111705	64.2462	ug/L	84
26) hexane	2.075	57	229057	78.3465	ug/L	96
27) di-isopropyl ether	2.259	45	355305	84.4975	ug/L	86
28) ethyl tert-butyl ether	2.439	59	303414	67.2267	ug/L	88
29) 2-butanone	2.902	72	70742	188.0291	ug/L #	37
30) 1,1-dichloroethane	2.336	63	154112	63.4770	ug/L	97
31) chloroprene	2.323	53	158616	75.0345	ug/L	82
32) acrylonitrile	2.355	52	53366	88.9745	ug/L	98
33) vinyl acetate	2.442	86	21110	72.8179	ug/L #	21
34) ethyl acetate	2.789	70	17135	77.1743	ug/L #	53
35) 2,2-dichloropropane	2.664	77	103600	50.8121	ug/L	97
36) cis-1,2-dichloroethene	2.606	96	79992	52.7500	ug/L #	79
37) propionitrile	3.072	54	297411	925.4874	ug/L	94
38) methyl acrylate	2.802	85	19071	54.9314	ug/L #	7
39) bromochloromethane	2.712	128	36903	47.4643	ug/L #	51
40) tetrahydrofuran	2.834	71	17941	61.8589	ug/L #	54
41) chloroform	2.741	47	42931	57.6379	ug/L	92
43) methacrylonitrile	3.085	67	48559	57.0791	ug/L #	65
44) 1,1,1-trichloroethane	2.866	97	118988	50.2449	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179204.D
Acq On : 21 Dec 2023 03:34 pm
Operator : NICKW
Sample : jd79224-4ms Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 22 08:22:42 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	112711	55.1009	ug/L	#	59
46) 1,1-dichloropropene	2.931	75	103359	55.2665	ug/L		97
47) carbon tetrachloride	2.831	117	102453	46.2224	ug/L		97
48) isobutyl alcohol	3.152	43	92965	1059.8040	ug/L		94
49) tert-amyl alcohol	3.220	55	56120	573.6413	ug/L	#	57
52) iso-octane	2.988	57	340567	81.8978	ug/L		96
53) benzene	3.072	78	337993	66.7563	ug/L		85
54) tert-amyl methyl ether	3.123	73	222524	53.1626	ug/L		88
55) heptane	3.037	57	67780	87.1256	ug/L		79
56) isopropyl acetate	3.307	87	24921	54.5649	ug/L	#	3
57) 1,2-dichloroethane	3.185	62	120218	58.1515	ug/L		99
58) n-butyl alcohol	3.587	56	286762	5642.8665	ug/L		98
59) ethyl acrylate	3.738	55	187428	78.2137	ug/L		94
60) trichloroethene	3.413	130	79605	51.2262	ug/L		98
61) 2-nitropropane	4.561	41	42679	55.6716	ug/L		87
62) 2-chloroethyl vinyl ether	4.172	63	24426	28.4744	ug/L		91
63) methyl methacrylate	3.879	100	28344	53.4988	ug/L	#	67
64) 1,2-dichloropropane	3.747	63	92507	69.4644	ug/L		86
65) methylcyclohexane	3.419	98	63597	57.7139	ug/L	#	73
66) dibromomethane	3.680	93	50522	51.2734	ug/L		97
67) bromodichloromethane	3.783	83	101968	52.1947	ug/L		98
68) epichlorohydrin	4.397	57	101997	429.7508	ug/L		96
69) cis-1,3-dichloropropene	4.220	75	124261	54.2005	ug/L		89
70) 4-methyl-2-pentanone	4.677	58	255072	322.0883	ug/L		83
71) 3-methyl-1-butanol	4.513	70	85719	1470.0094	ug/L	#	62
74) toluene	4.400	92	188788	56.2014	ug/L		99
75) ethyl methacrylate	4.834	69	108966	54.8696	ug/L	#	84
76) trans-1,3-dichloropropene	4.709	75	116157	52.8125	ug/L		98
77) 1,1,2-trichloroethane	4.837	83	61514	52.8057	ug/L		95
78) tetrachloroethene	4.696	166	78568	49.4372	ug/L		99
79) 2-hexanone	5.313	58	274388	283.3555	ug/L		90
80) 1,3-dichloropropane	5.043	76	124905	55.1475	ug/L		98
81) butyl acetate	5.252	56	92965	80.1009	ug/L		91
82) dibromochloromethane	4.972	129	79318	45.7009	ug/L		99
83) 1,2-dibromoethane	5.149	107	77967	51.5565	ug/L		97
84) n-butyl ether	5.477	57	434341	78.4956	ug/L		93
85) chlorobenzene	5.532	112	205191	52.2855	ug/L		93
86) 1,1,1,2-tetrachloroethane	5.577	131	74474	48.9718	ug/L		99
87) ethylbenzene	5.554	91	359632	55.6056	ug/L		97
88) m,p-xylene	5.657	106	274494	108.1835	ug/L		95
89) o-xylene	5.950	106	134536	53.5633	ug/L		95
90) styrene	5.985	104	225788	53.7241	ug/L		99
91) bromoform	5.995	173	52512	41.4067	ug/L		97
92) butyl acrylate	6.078	55	228654	73.3902	ug/L		92
93) isopropylbenzene	6.162	105	344929	56.6279	ug/L		99
94) cis-1,4-dichloro-2-butene	6.384	88	20631	24.1235	ug/L	#	81
97) bromobenzene	6.406	156	84794	53.2980	ug/L		90
98) 1,1,2,2-tetrachloroethane	6.474	83	113712	59.4803	ug/L		95
99) trans-1,4-dichloro-2-b...	6.586	53	26889	40.8103	ug/L	#	75
100) 1,2,3-trichloropropane	6.554	110	38015	53.9197	ug/L		97
101) n-propylbenzene	6.432	91	478497	67.8393	ug/L		98
102) 2-chlorotoluene	6.525	126	79270	53.1014	ug/L		94
103) 4-chlorotoluene	6.631	91	255063	56.2672	ug/L		95
104) 1,3,5-trimethylbenzene	6.558	105	287733	56.2745	ug/L		100
105) tert-butylbenzene	6.757	119	240274	54.5621	ug/L		94
106) 1,2,4-trimethylbenzene	6.802	105	297795	56.5361	ug/L		100
107) sec-butylbenzene	6.869	105	351958	56.8593	ug/L		98
108) 1,3-dichlorobenzene	6.998	146	161844	53.0883	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179204.D
Acq On : 21 Dec 2023 03:34 pm
Operator : NICKW
Sample : jd79224-4ms Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 22 08:22:42 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

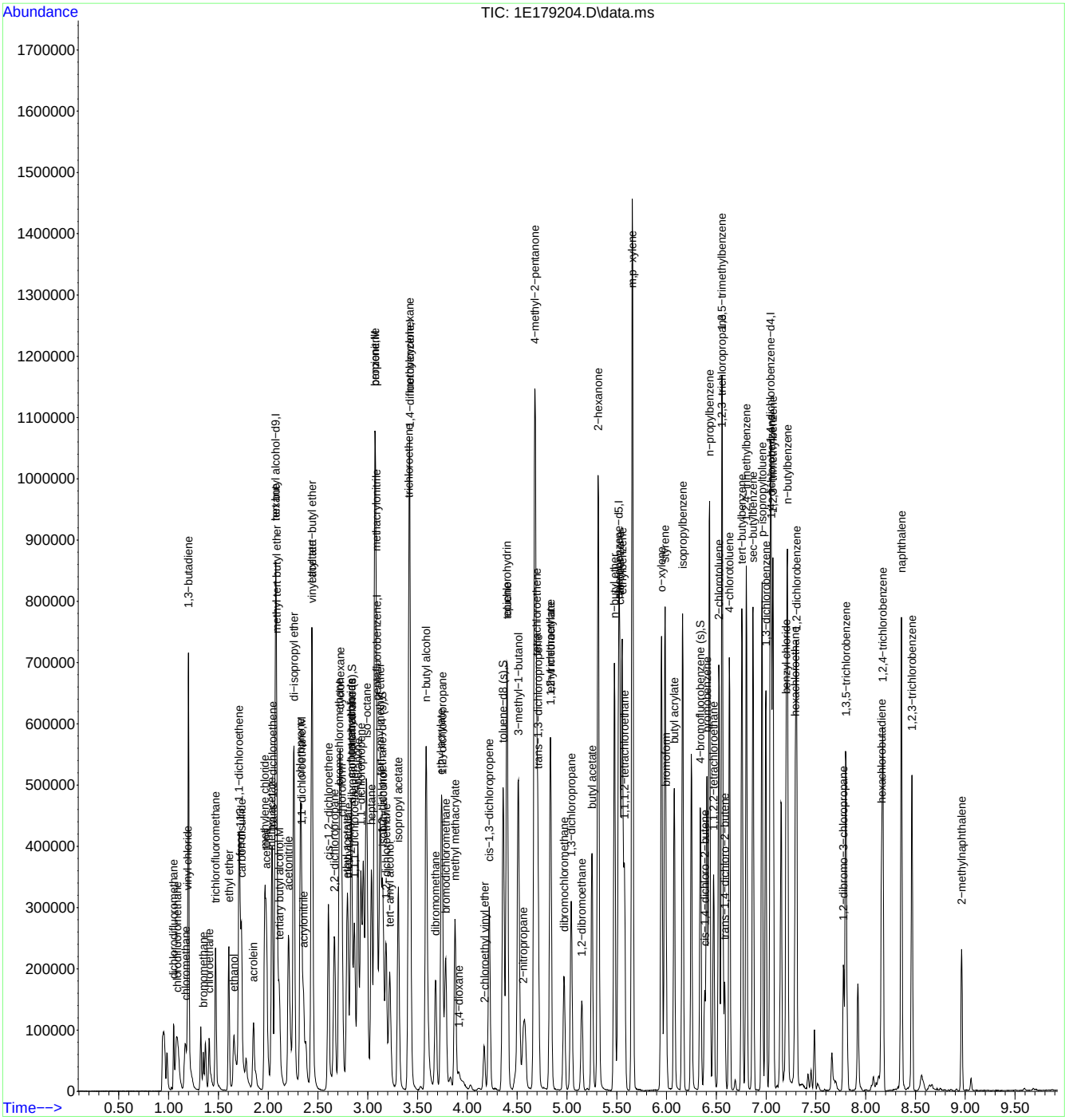
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	299943	56.8160	ug/L	98
110) 1,4-dichlorobenzene	7.053	146	164066	50.5246	ug/L	97
111) 1,2-dichlorobenzene	7.307	146	151667	49.9614	ug/L	96
112) 1,2,3-trimethylbenzene	7.069	105	300925	55.3786	ug/L	98
113) n-butylbenzene	7.213	134	69758	55.1419	ug/L	93
114) 1,2-dibromo-3-chloropr...	7.776	157	33823	51.0031	ug/L	92
115) 1,3,5-trichlorobenzene	7.802	180	103987	50.0709	ug/L	96
116) 1,2,4-trichlorobenzene	8.172	180	95618	48.8344	ug/L	98
117) hexachlorobutadiene	8.159	225	35431	50.4364	ug/L	95
118) naphthalene	8.358	128	331745	51.4954	ug/L	99
119) 1,2,3-trichlorobenzene	8.464	180	91049	49.0205	ug/L	94
120) hexachloroethane	7.294	119	49855	51.8196	ug/L	99
121) benzyl chloride	7.201	126	42298	52.4327	ug/L	92
122) 2-methylnaphthalene	8.963	142	67377	24.0006	ug/L	96

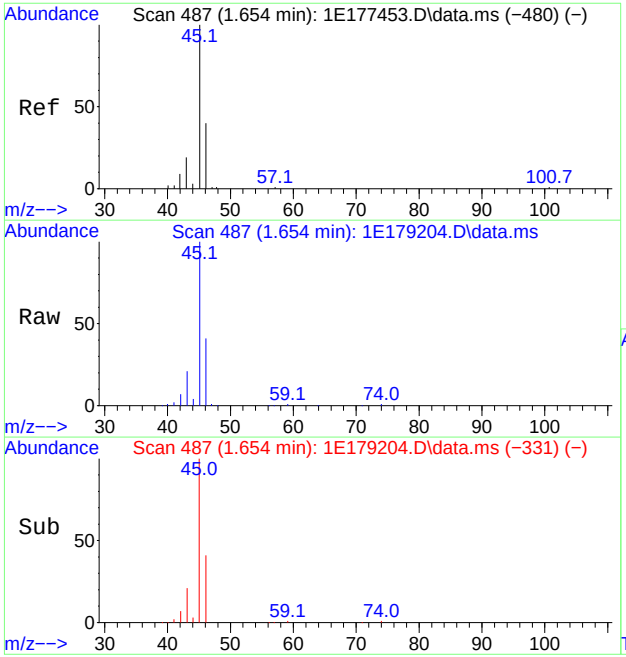
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179204.D
Acq On : 21 Dec 2023 03:34 pm
Operator : NICKW
Sample : jd79224-4ms Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 22 08:22:42 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

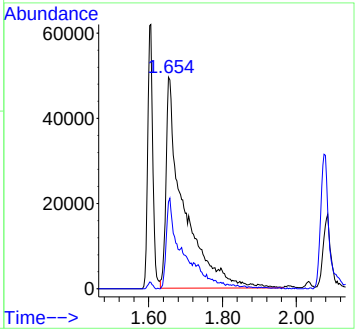


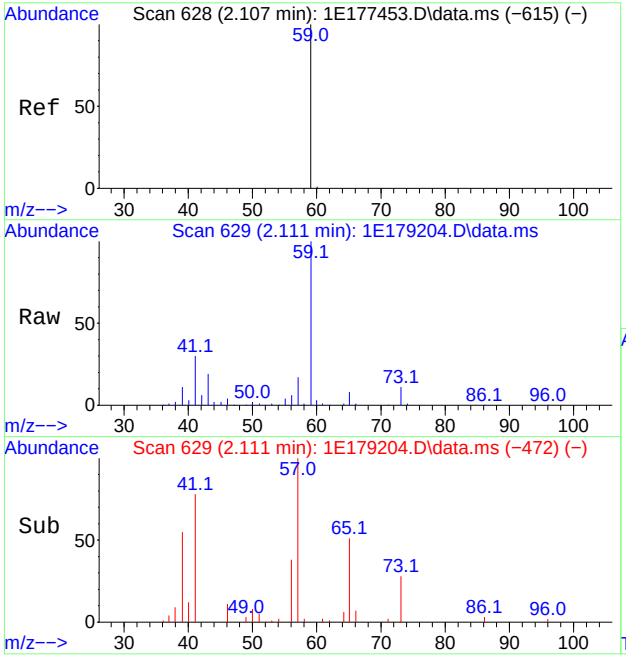


#2
ethanol
Concen: 11362.8600 ug/L
RT: 1.654 min Scan# 487
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 45 Resp: 164782

Ion	Ratio	Lower	Upper
45	100		
46	41.3	18.1	58.1

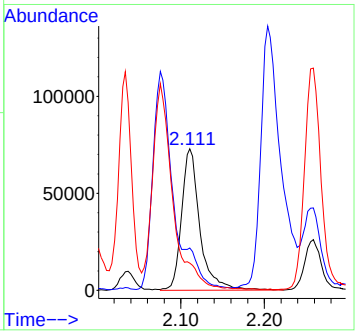


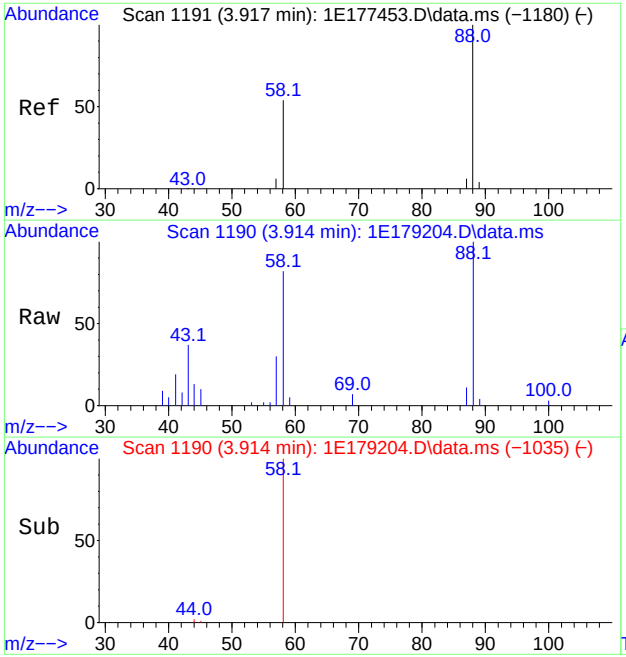


#3
tertiary butyl alcohol
Concen: 284.2132 ug/L
RT: 2.111 min Scan# 629
Delta R.T. 0.004 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 59 Resp: 111623

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	18.4	0.0	52.8

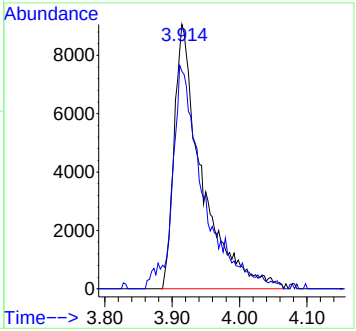


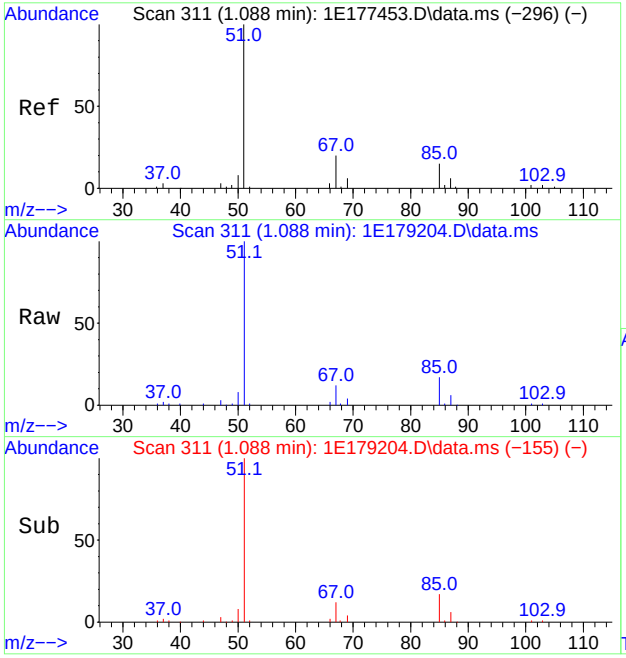


#4
1,4-dioxane
Concen: 1502.1188 ug/L
RT: 3.914 min Scan# 1190
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 88 Resp: 25978

Ion	Ratio	Lower	Upper
88	100		
58	82.3	38.3	78.3#

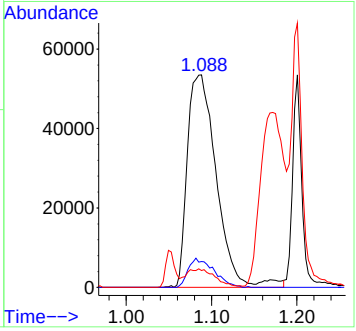


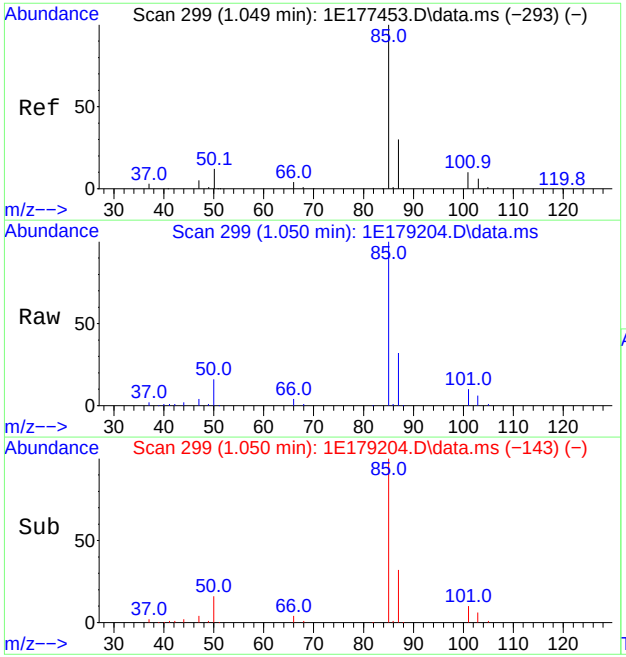


#6
chlorodifluoromethane
Concen: 80.0890 ug/L
RT: 1.088 min Scan# 311
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 51 Resp: 126932

Ion	Ratio	Lower	Upper
51	100		
67	12.2	0.0	49.5
50	7.7	0.0	38.4

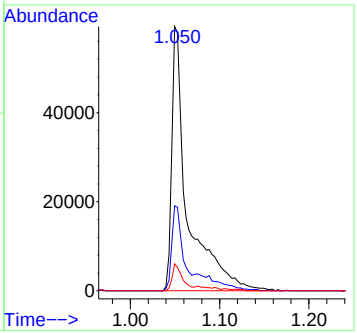


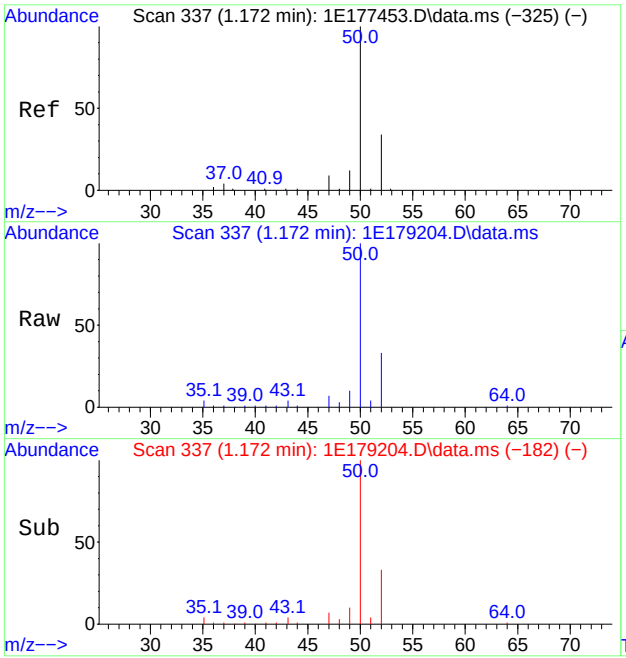


#7
dichlorodifluoromethane
Concen: 37.6833 ug/L
RT: 1.050 min Scan# 299
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 85 Resp: 73757

Ion	Ratio	Lower	Upper
85	100		
87	32.1	0.4	60.4
101	10.2	0.0	39.9

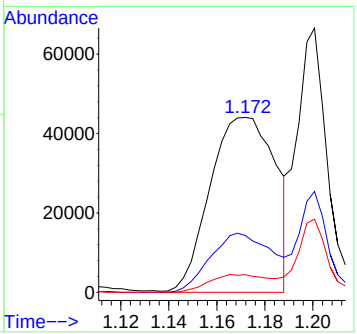


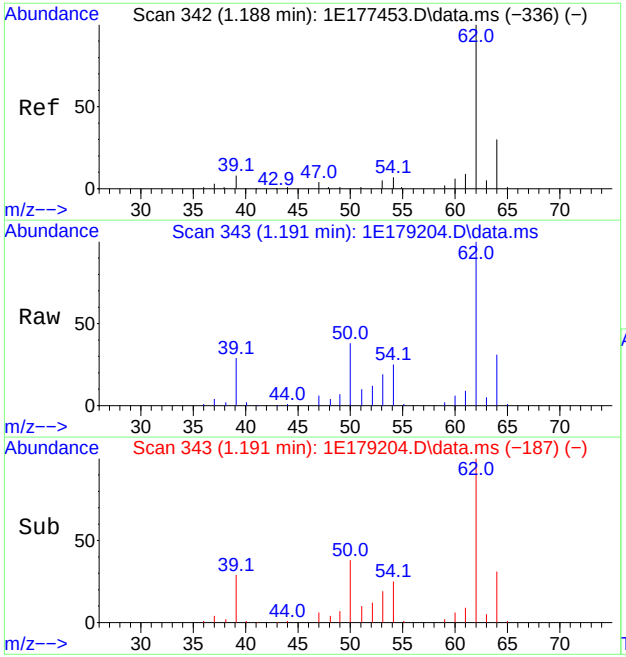


#8
chloromethane
Concen: 72.9353 ug/L
RT: 1.172 min Scan# 337
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 50 Resp: 83456

Ion	Ratio	Lower	Upper
50	100		
52	32.8	4.4	64.4
49	10.1	0.0	42.1

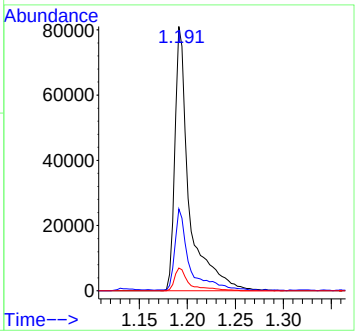


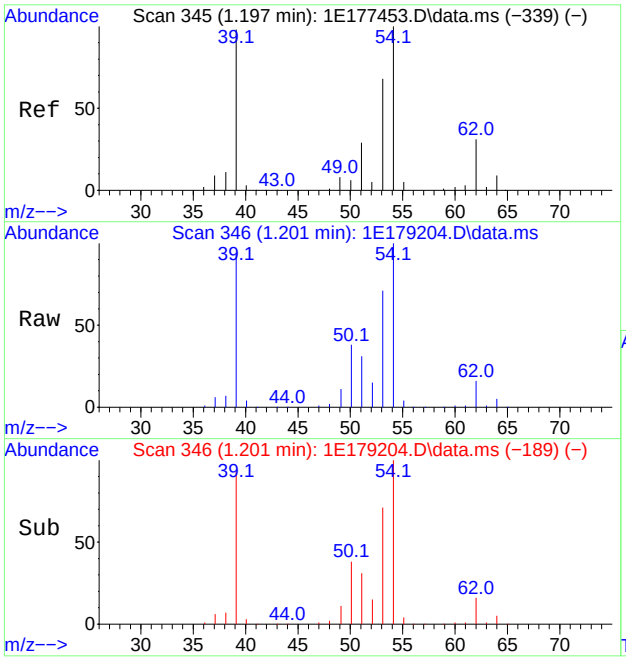


#9
vinyl chloride
Concen: 61.1884 ug/L
RT: 1.191 min Scan# 343
Delta R.T. 0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 62 Resp: 85032

Ion	Ratio	Lower	Upper
62	100		
64	30.8	0.7	60.7
61	8.6	0.0	39.5

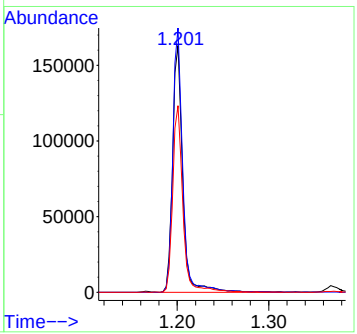


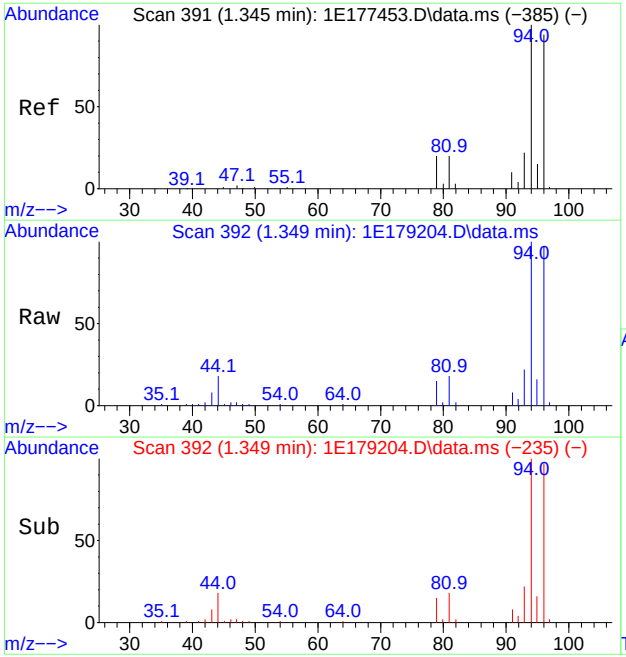


#10
1,3-butadiene
Concen: 106.2589 ug/L
RT: 1.201 min Scan# 346
Delta R.T. 0.004 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 39 Resp: 126865

Ion	Ratio	Lower	Upper
39	100		
54	107.1	72.3	132.3
53	75.6	39.8	99.8

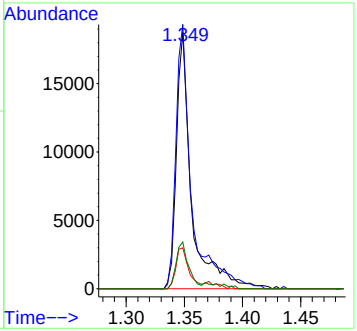


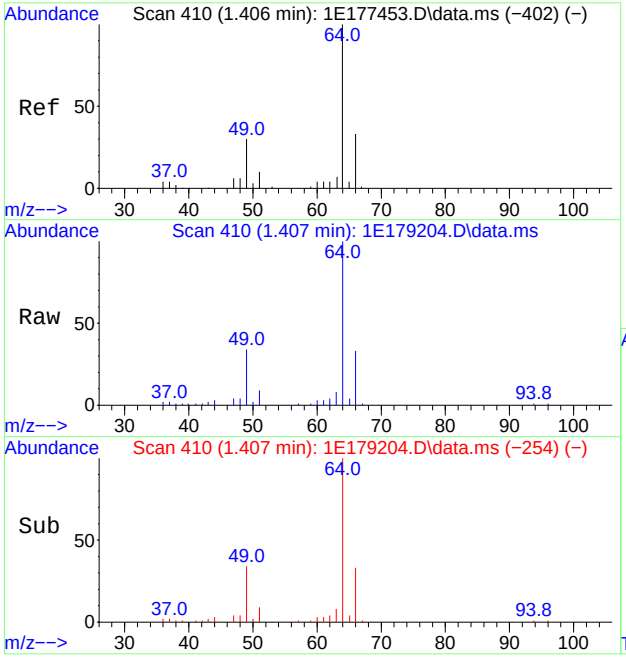


#11
bromomethane
Concen: 41.3887 ug/L
RT: 1.349 min Scan# 392
Delta R.T. 0.004 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 96 Resp: 17049

Ion	Ratio	Lower	Upper
96	100		
94	103.2	76.0	136.0
79	16.0	20.8	20.8#
81	18.2	1.2	41.2

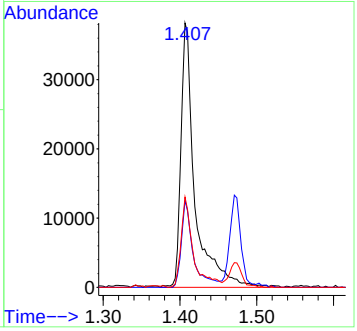


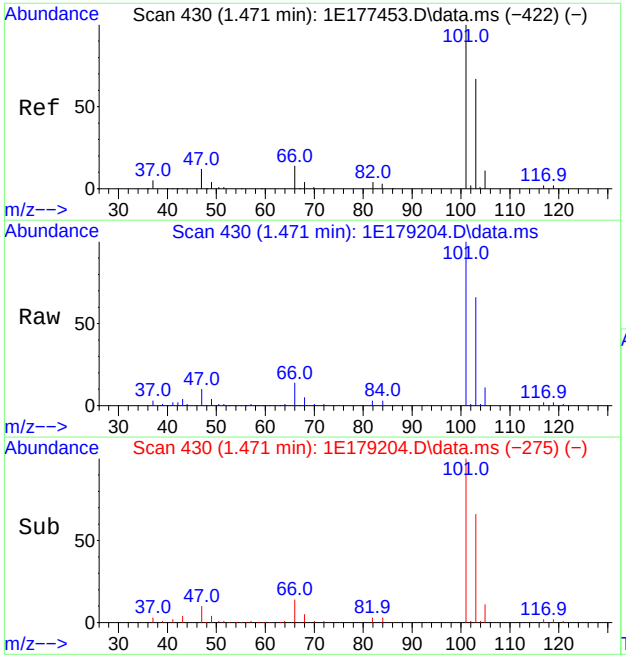


#12
chloroethane
Concen: 55.7074 ug/L
RT: 1.407 min Scan# 410
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 64 Resp: 48829

Ion	Ratio	Lower	Upper
64	100		
66	32.9	3.1	63.1
49	34.2	0.1	60.1

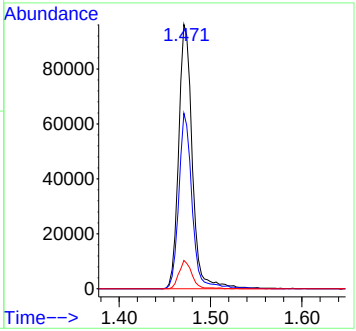


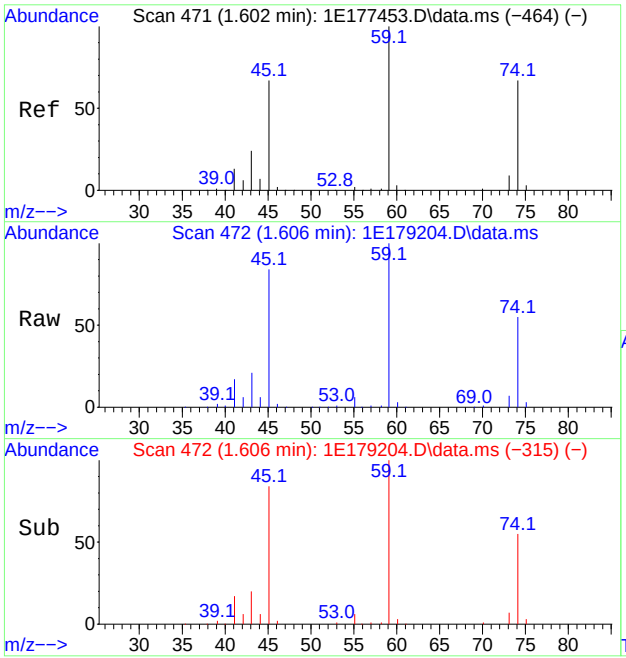


#13
trichlorofluoromethane
Concen: 44.3908 ug/L
RT: 1.471 min Scan# 430
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:101 Resp: 100220

Ion	Ratio	Lower	Upper
101	100		
103	66.4	37.1	97.1
105	10.7	0.0	40.8

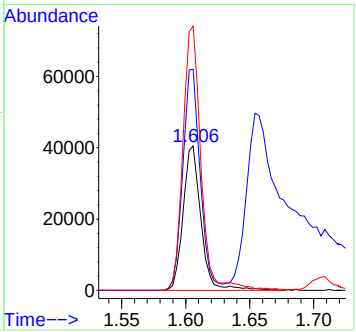


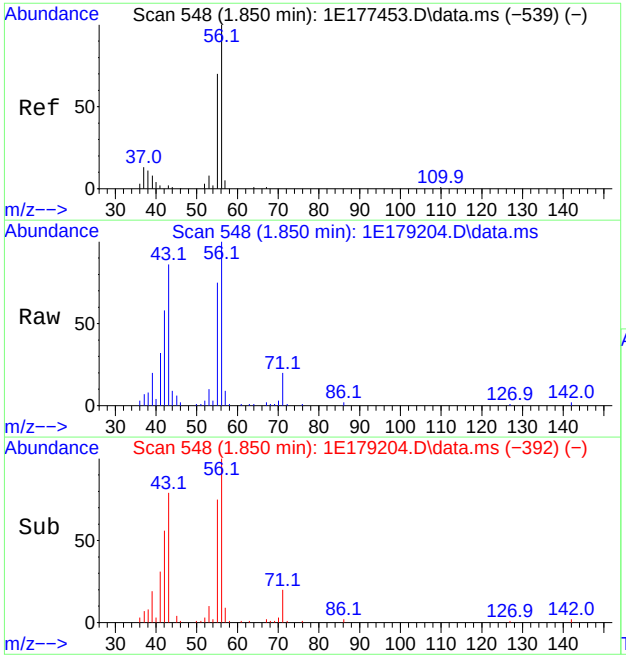


#14
ethyl ether
Concen: 52.9191 ug/L
RT: 1.606 min Scan# 472
Delta R.T. 0.004 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 74 Resp: 39222

Ion	Ratio	Lower	Upper
74	100		
45	153.3	69.1	129.1#
59	183.2	118.9	178.9#

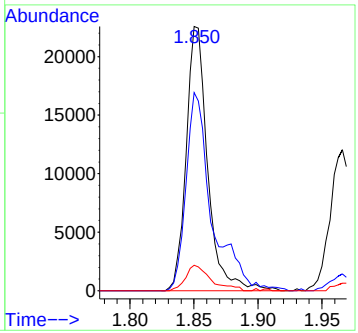


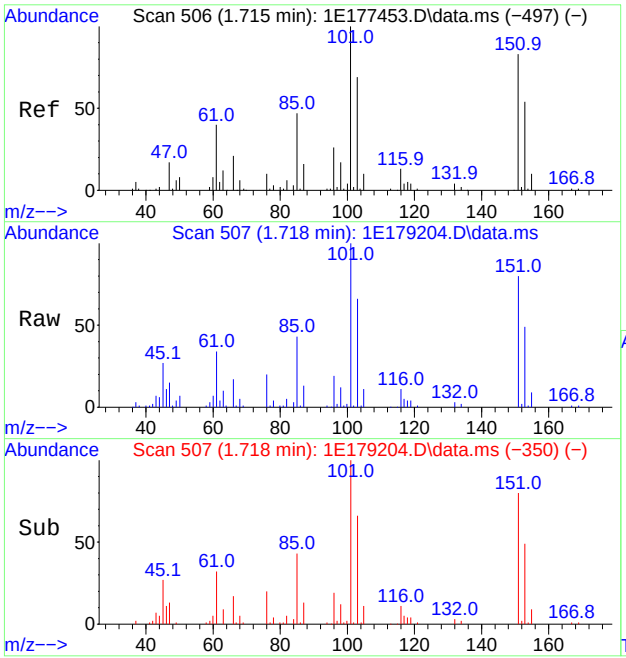


#15
acrolein
Concen: 86.1512 ug/L
RT: 1.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 56 Resp: 26398

Ion	Ratio	Lower	Upper
56	100		
55	75.0	40.4	100.4
53	9.7	0.0	38.2

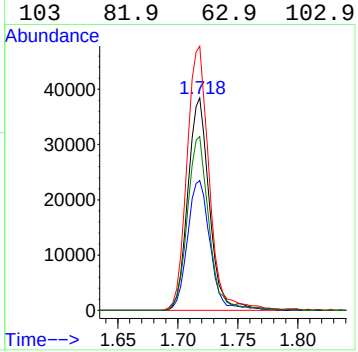


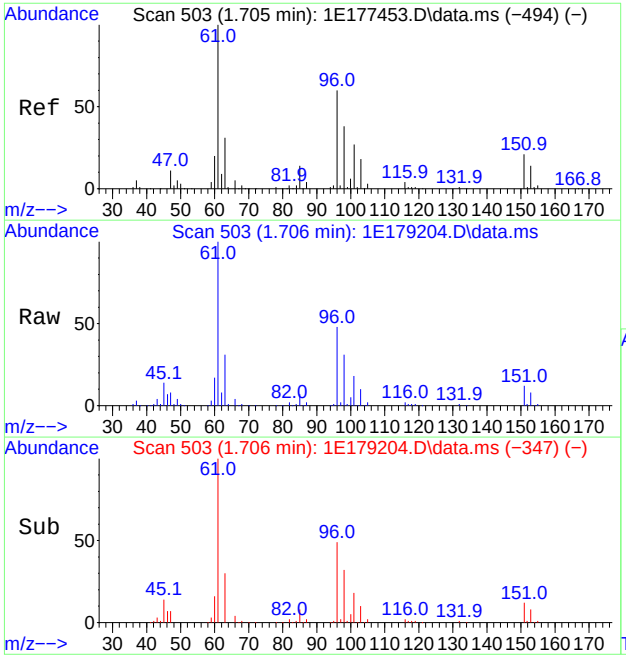


#16
freon 113
Concen: 48.3681 ug/L
RT: 1.718 min Scan# 507
Delta R.T. 0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:151 Resp: 48161

Ion	Ratio	Lower	Upper
151	100		
153	61.1	44.6	84.6
101	124.5	100.2	140.2
103	81.9	62.9	102.9

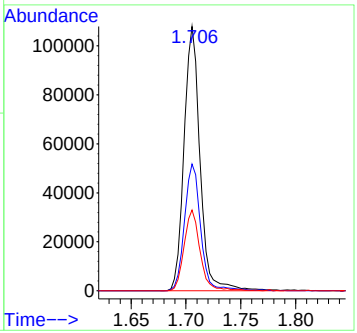


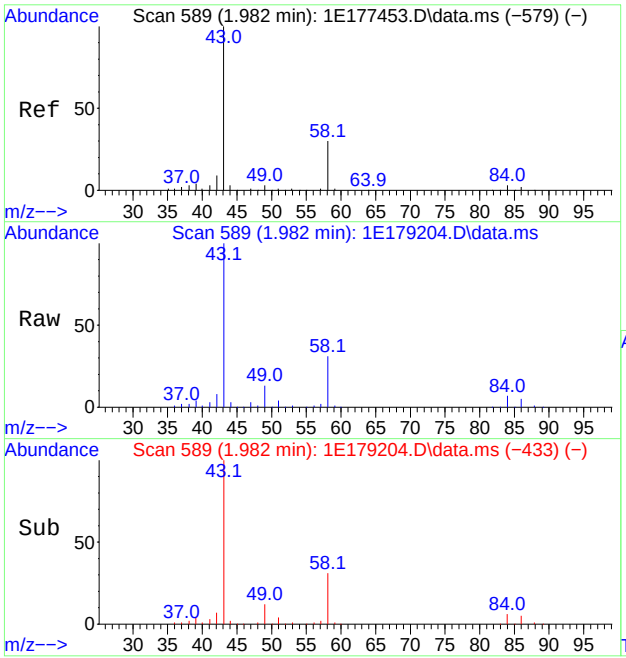


#17
1,1-dichloroethene
Concen: 62.2656 ug/L
RT: 1.706 min Scan# 503
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 61 Resp: 110066

Ion	Ratio	Lower	Upper
61	100		
96	48.0	29.6	89.6
63	30.6	1.2	61.2

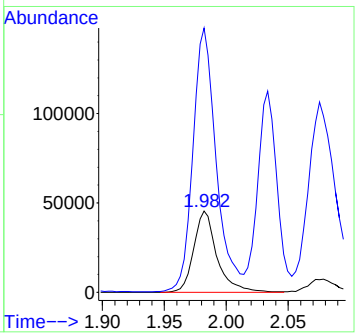


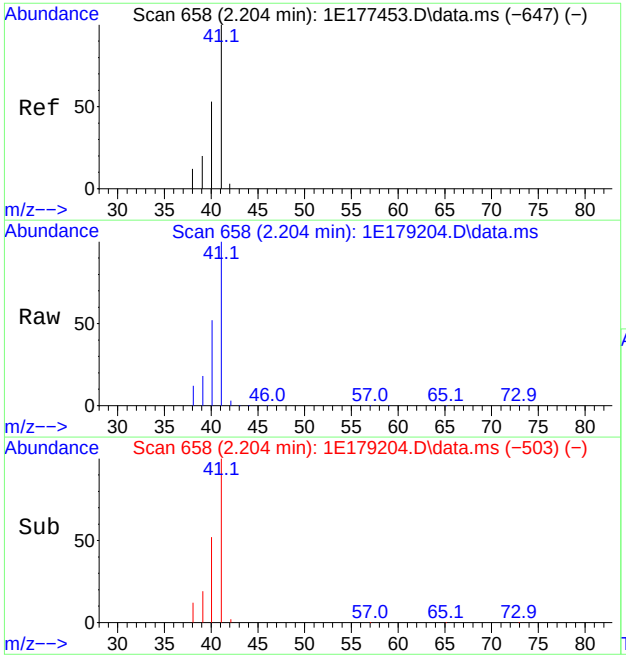


#18
acetone
Concen: 173.2670 ug/L
RT: 1.982 min Scan# 589
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 58 Resp: 59439

Ion	Ratio	Lower	Upper
58	100		
43	324.5	304.0	364.0

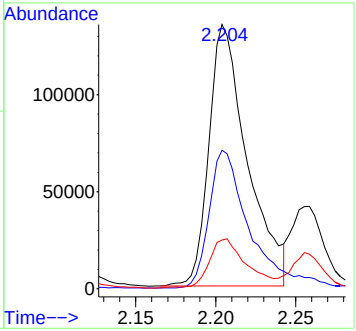


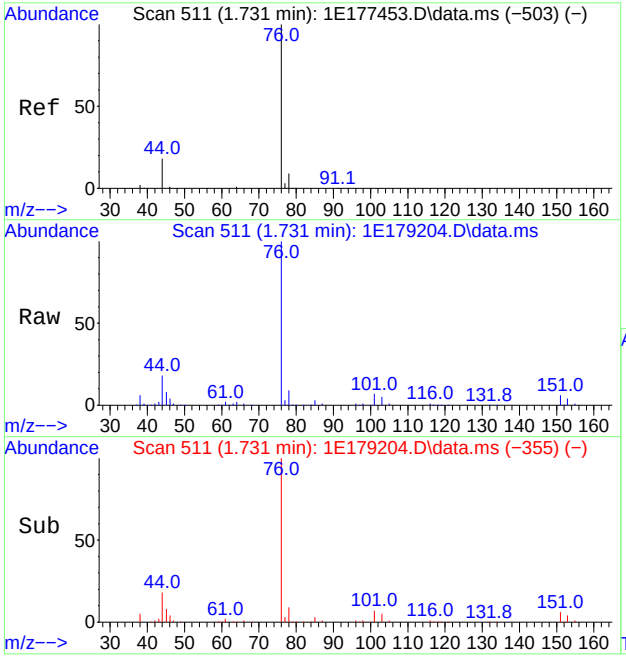


#19
acetonitrile
Concen: 1183.9037 ug/L
RT: 2.204 min Scan# 658
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 41 Resp: 224892

Ion	Ratio	Lower	Upper
41	100		
40	52.6	22.9	82.9
39	18.3	0.0	49.7

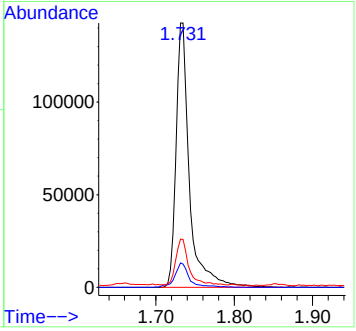


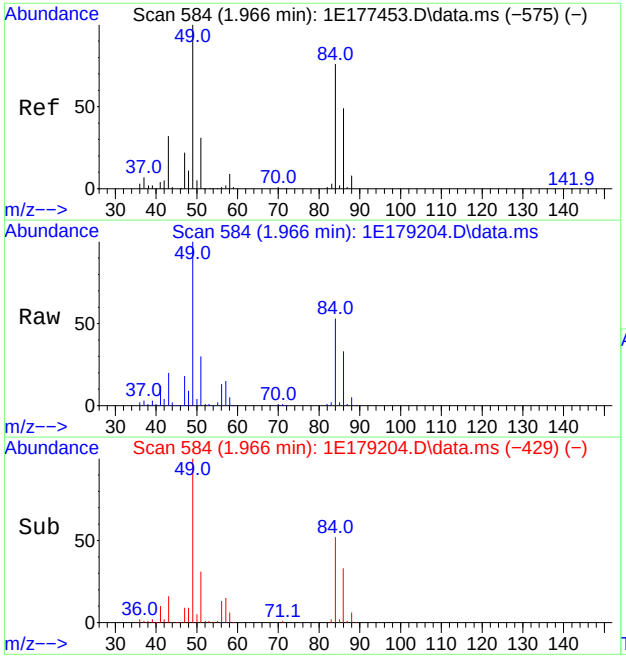


#21
carbon disulfide
Concen: 52.9050 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 76 Resp: 169539

Ion	Ratio	Lower	Upper
76	100		
78	9.3	0.0	39.2
44	17.2	0.0	48.3

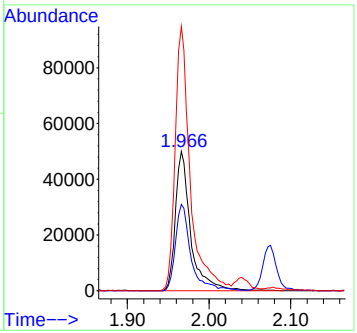


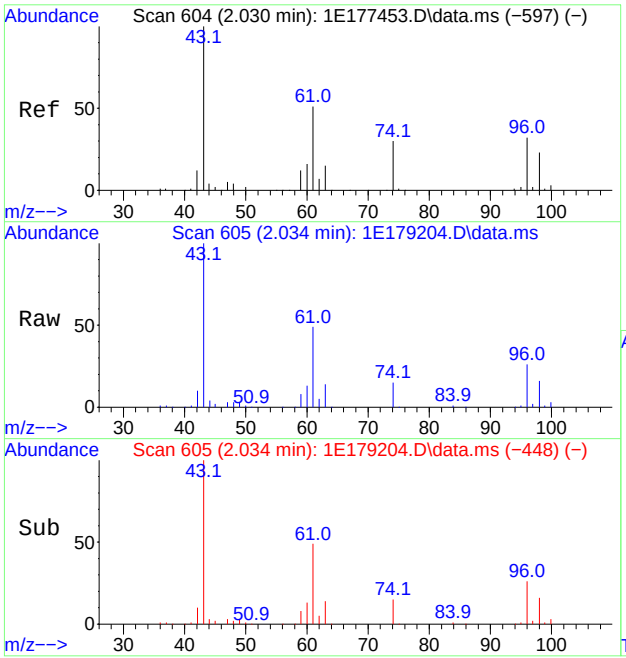


#22
methylene chloride
Concen: 49.8452 ug/L
RT: 1.966 min Scan# 584
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 84 Resp: 65579

Ion	Ratio	Lower	Upper
84	100		
86	62.0	34.9	94.9
49	189.7	102.4	162.4#

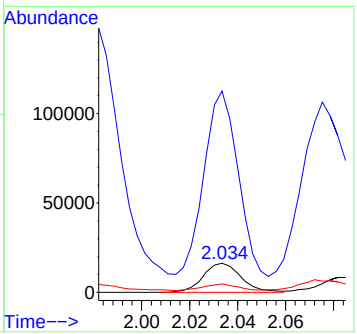


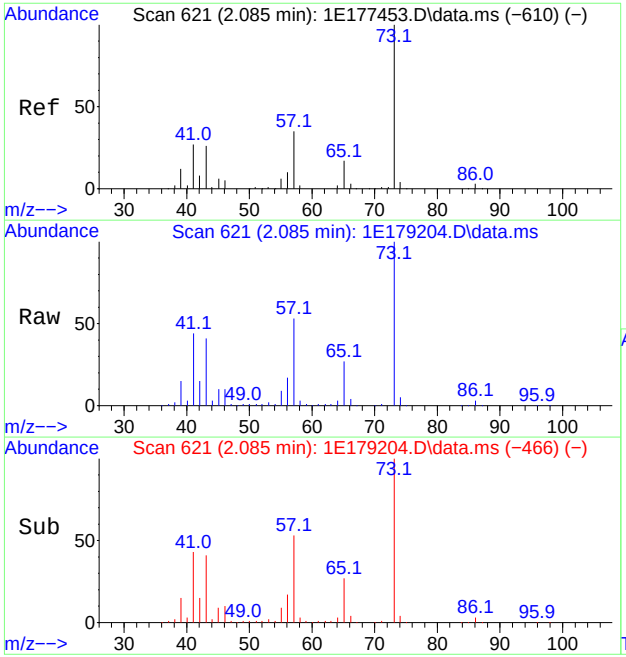


#23
methyl acetate
Concen: 52.5157 ug/L
RT: 2.034 min Scan# 605
Delta R.T. 0.004 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 74 Resp: 17973

Ion	Ratio	Lower	Upper
74	100		
43	603.2	307.5	367.5#
44	20.3	0.0	43.7

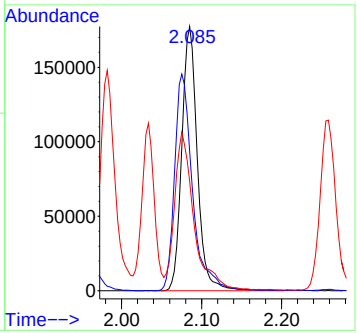


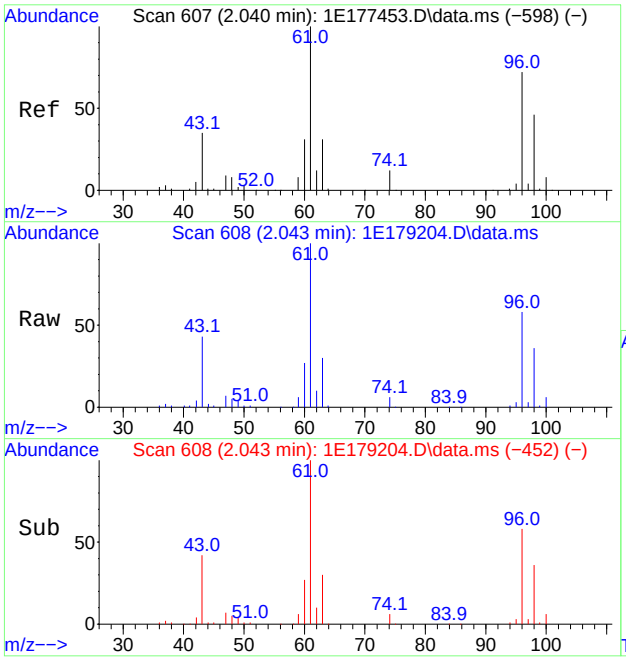


#24
methyl tert butyl ether
Concen: 57.5195 ug/L
RT: 2.085 min Scan# 621
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 73 Resp: 239627

Ion	Ratio	Lower	Upper
73	100		
57	52.5	5.0	65.0
43	41.2	0.4	60.4

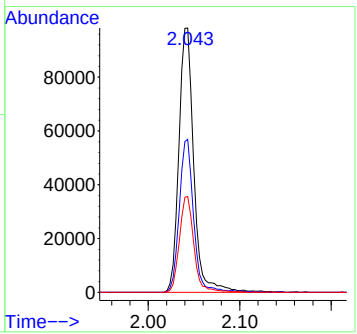


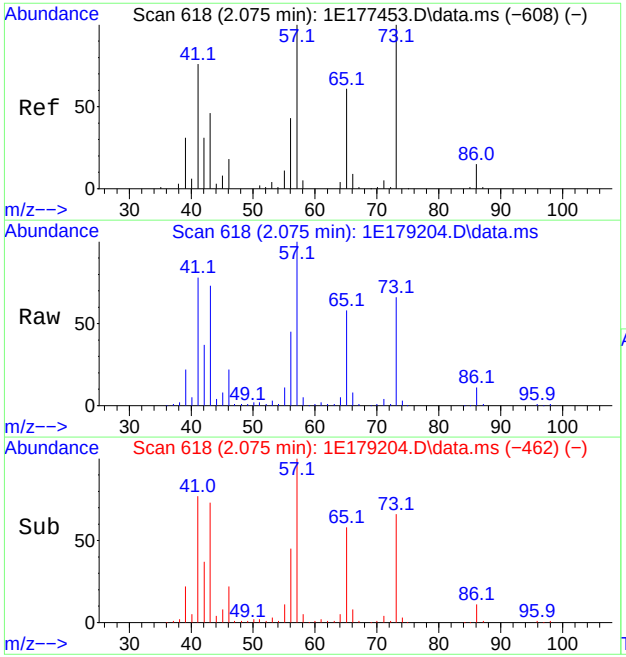


#25
trans-1,2-dichloroethene
Concen: 64.2462 ug/L
RT: 2.043 min Scan# 608
Delta R.T. 0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 61 Resp: 111705

Ion	Ratio	Lower	Upper
61	100		
96	57.9	41.6	101.6
98	36.3	15.7	75.7

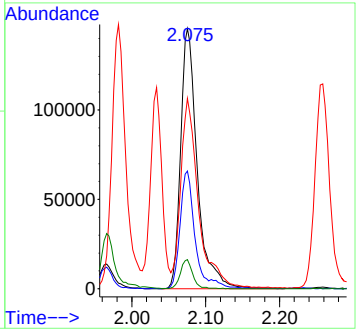


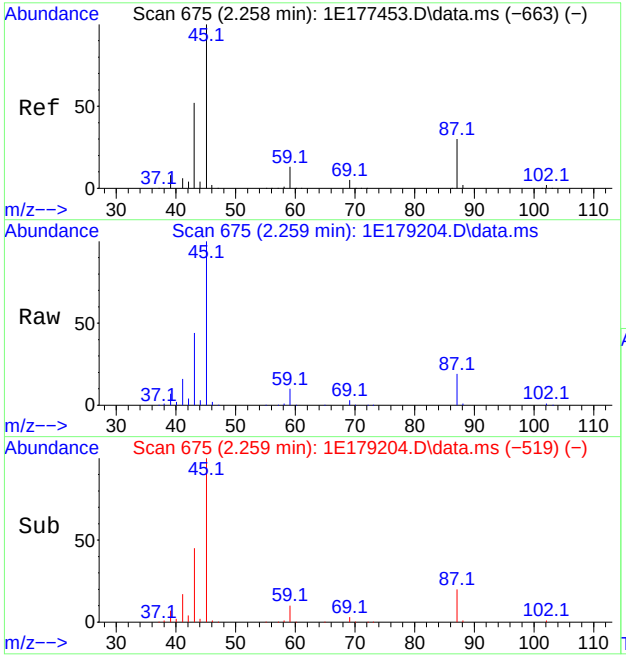


#26
hexane
Concen: 78.3465 ug/L
RT: 2.075 min Scan# 618
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 57 Resp: 229057

Ion	Ratio	Lower	Upper
57	100		
56	45.2	23.0	63.0
43	72.7	50.7	90.7
86	11.2	0.0	35.6

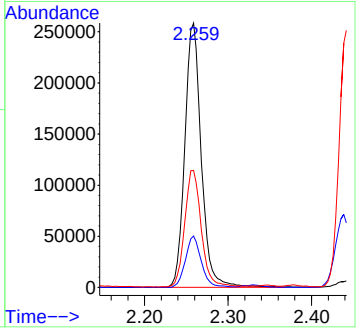


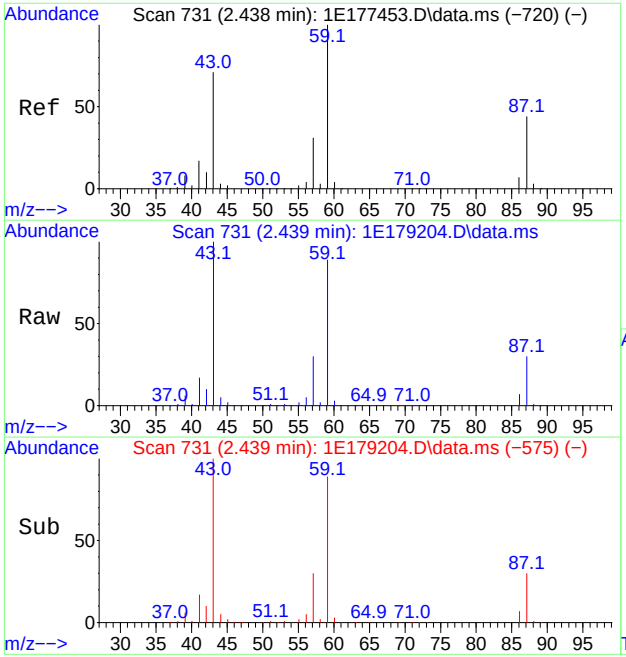


#27
di-isopropyl ether
Concen: 84.4975 ug/L
RT: 2.259 min Scan# 675
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 45 Resp: 355305

Ion	Ratio	Lower	Upper
45	100		
87	19.4	0.0	59.9
43	44.0	22.2	82.2

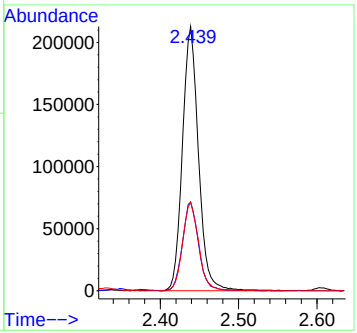


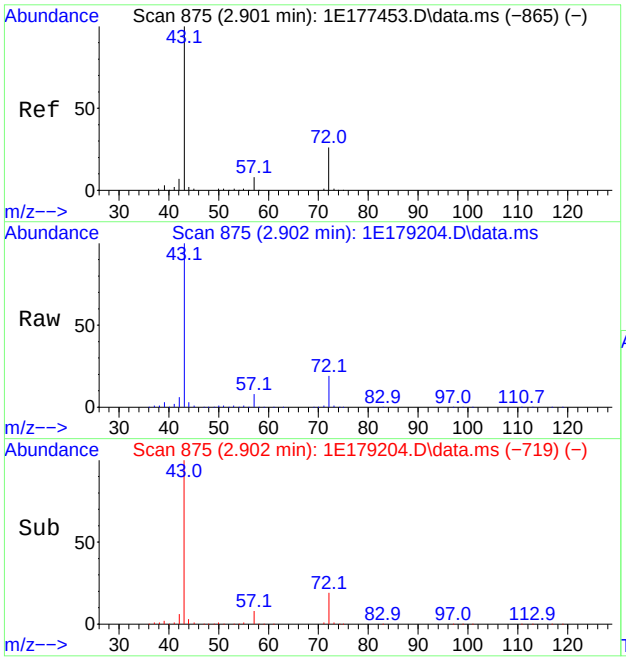


#28
ethyl tert-butyl ether
Concen: 67.2267 ug/L
RT: 2.439 min Scan# 731
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 59 Resp: 303414

Ion	Ratio	Lower	Upper
59	100		
57	33.7	1.2	61.2
87	33.5	14.3	74.3

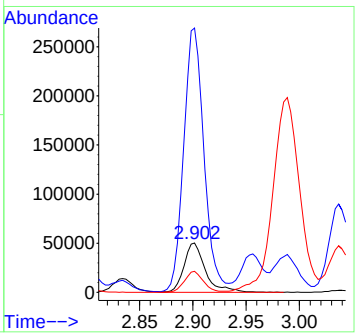


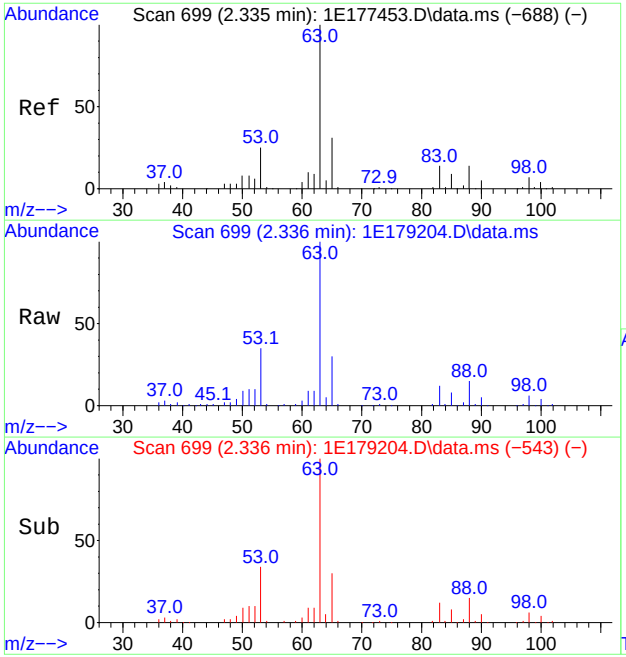


#29
2-butanone
Concen: 188.0291 ug/L
RT: 2.902 min Scan# 875
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 72 Resp: 70742

Ion	Ratio	Lower	Upper
72	100		
43	535.4	351.4	411.4#
57	42.6	1.3	61.3

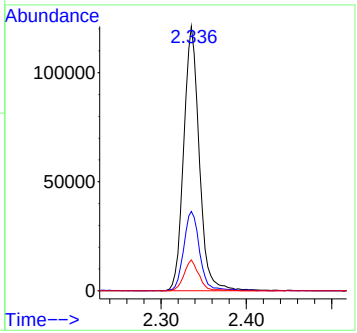


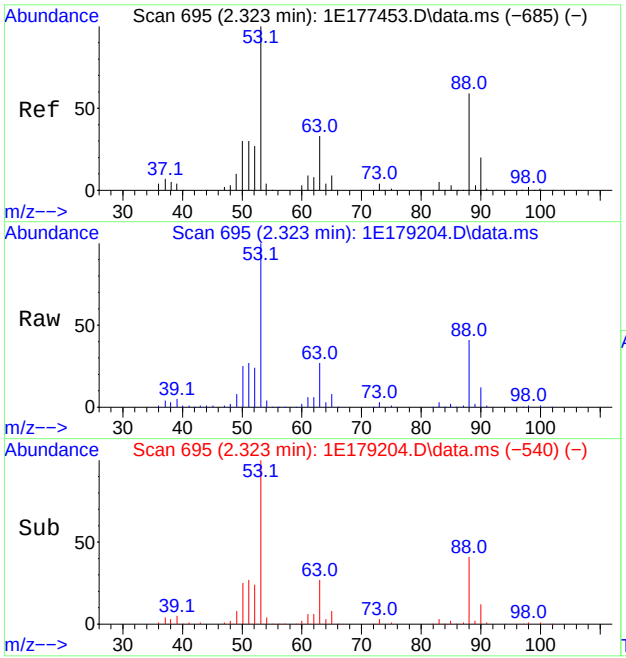


#30
1,1-dichloroethane
Concen: 63.4770 ug/L
RT: 2.336 min Scan# 699
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 63 Resp: 154112

Ion	Ratio	Lower	Upper
63	100		
65	30.0	1.1	61.1
83	11.7	0.0	44.4

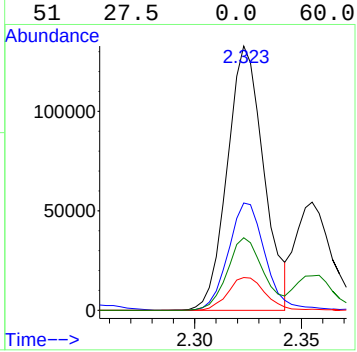


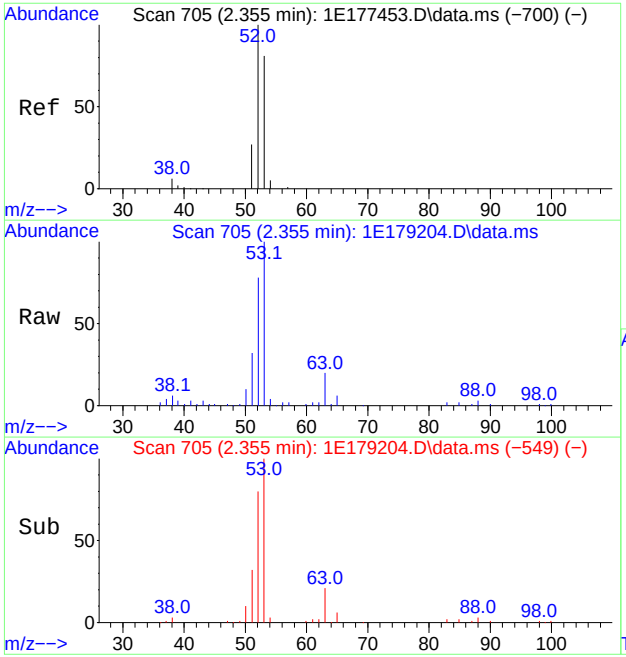


#31
chloroprene
Concen: 75.0345 ug/L
RT: 2.323 min Scan# 695
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 53 Resp: 158616

Ion	Ratio	Lower	Upper
53	100		
88	40.6	29.0	89.0
90	12.4	0.0	50.3
51	27.5	0.0	60.0

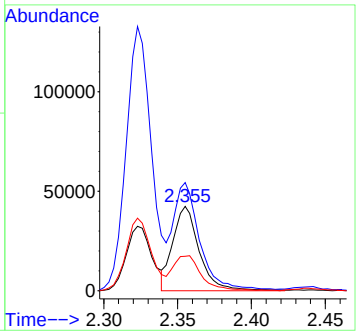


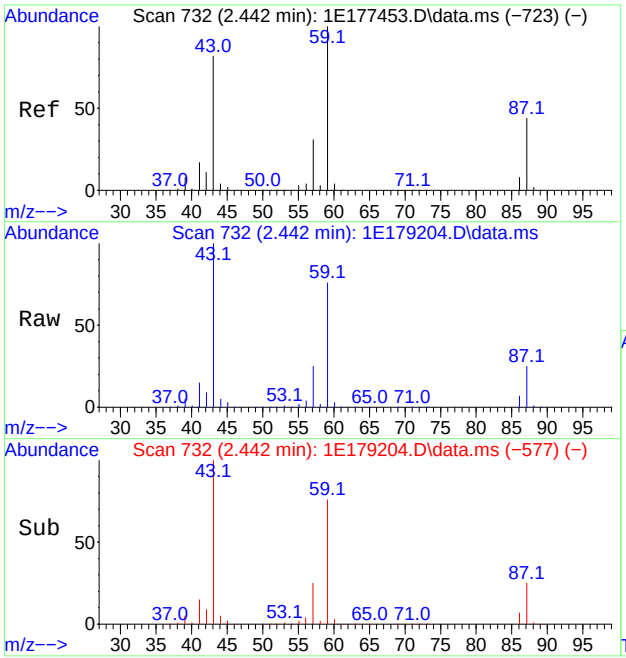


#32
acrylonitrile
Concen: 88.9745 ug/L
RT: 2.355 min Scan# 705
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 52 Resp: 53366

Ion	Ratio	Lower	Upper
52	100		
53	127.1	98.3	158.3
51	39.9	13.3	73.3

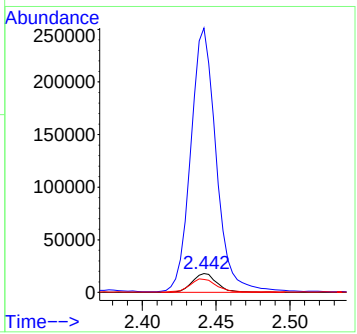


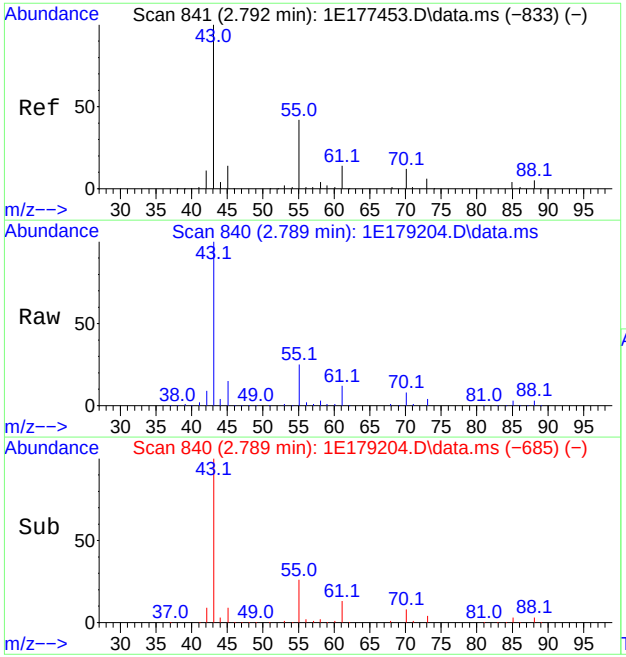


#33
vinyl acetate
Concen: 72.8179 ug/L
RT: 2.442 min Scan# 732
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 86 Resp: 21110

Ion	Ratio	Lower	Upper
86	100		
43	1393.6	996.1	1056.1#
44	67.5	16.2	76.2

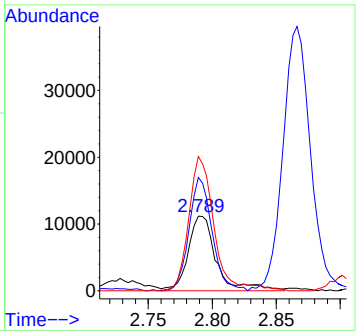


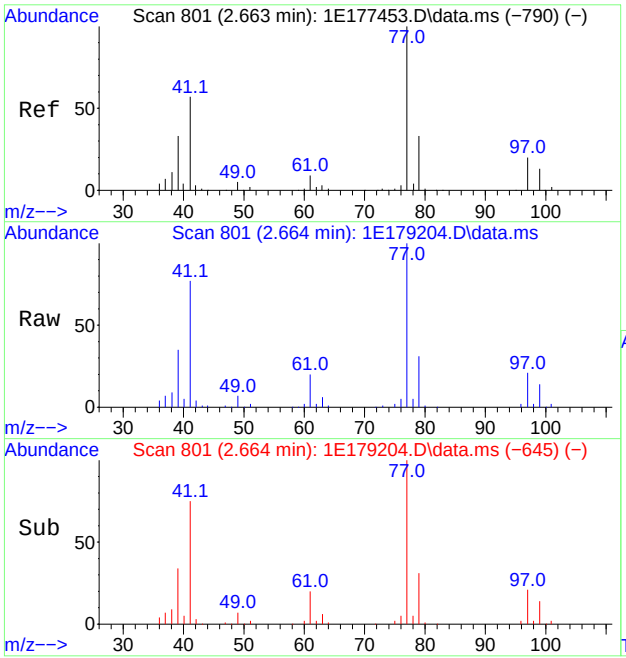


#34
ethyl acetate
Concen: 77.1743 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 70 Resp: 17135

Ion	Ratio	Lower	Upper
70	100		
61	156.3	88.3	148.3#
45	185.4	89.7	149.7#

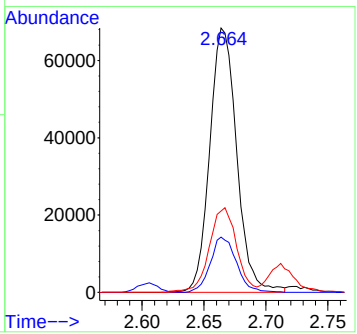


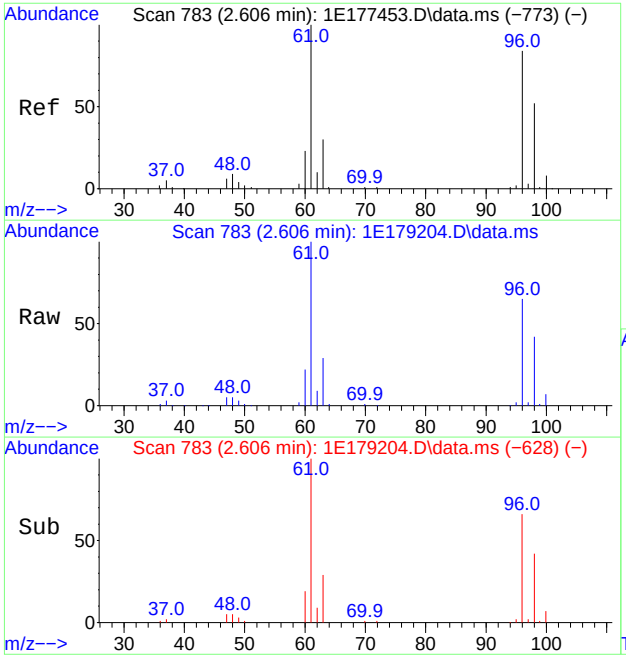


#35
2,2-dichloropropane
Concen: 50.8121 ug/L
RT: 2.664 min Scan# 801
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 77 Resp: 103600

Ion	Ratio	Lower	Upper
77	100		
97	20.9	0.0	50.3
79	30.8	2.7	62.7

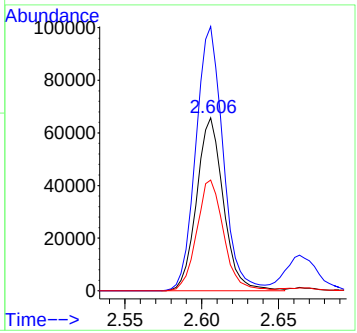


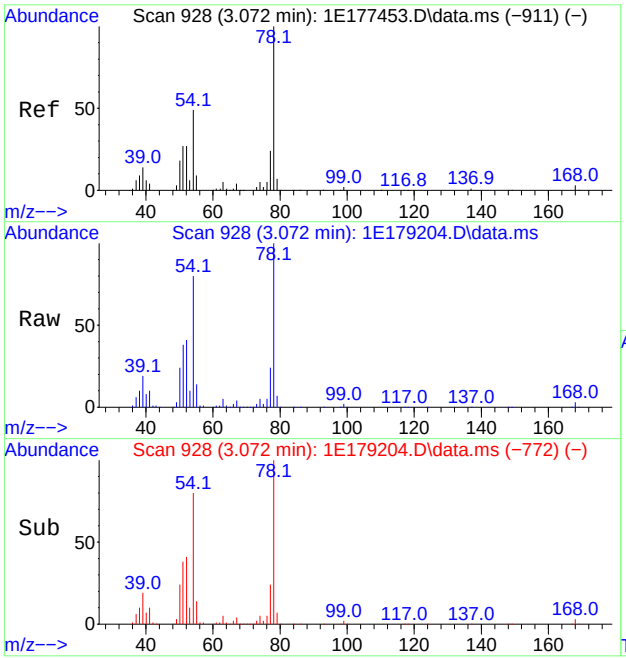


#36
cis-1,2-dichloroethene
Concen: 52.7500 ug/L
RT: 2.606 min Scan# 783
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 96 Resp: 79992

Ion	Ratio	Lower	Upper
96	100		
61	152.8	89.1	149.1#
98	64.0	31.8	91.8

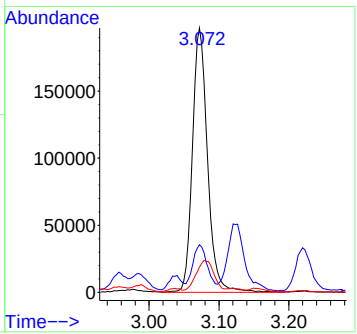


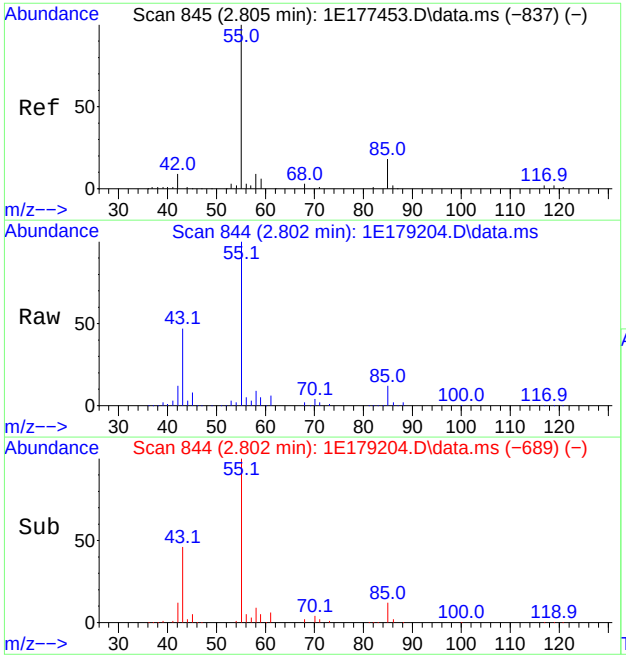


#37
propionitrile
Concen: 925.4874 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 54 Resp: 297411

Ion	Ratio	Lower	Upper
54	100		
55	17.3	0.0	49.2
40	9.3	0.0	43.2

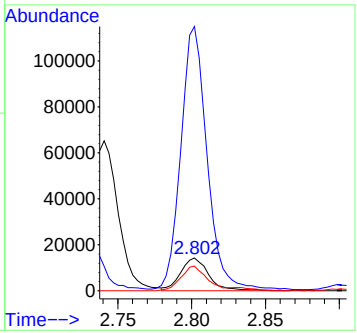


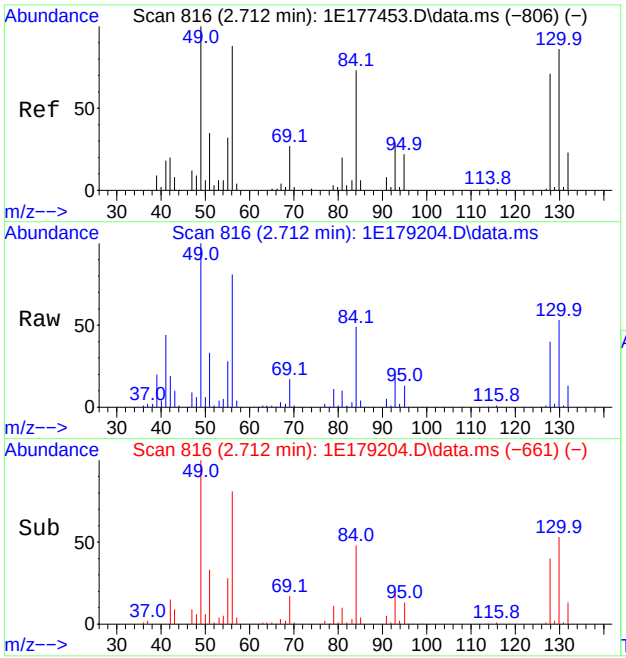


#38
methyl acrylate
Concen: 54.9314 ug/L
RT: 2.802 min Scan# 844
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 85 Resp: 19071

Ion	Ratio	Lower	Upper
85	100		
55	801.2	505.5	545.5#
58	76.0	25.5	65.5#

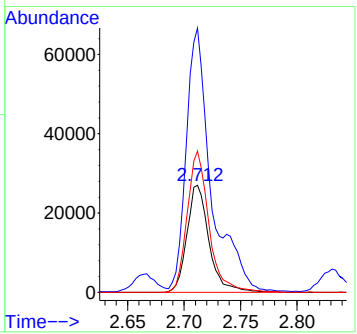


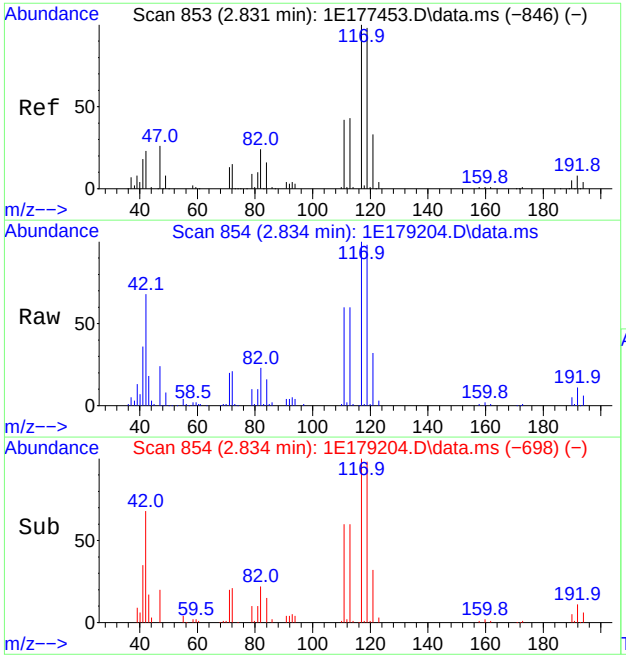


#39
bromochloromethane
Concen: 47.4643 ug/L
RT: 2.712 min Scan# 816
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:128 Resp: 36903

Ion	Ratio	Lower	Upper
128	100		
49	245.9	113.7	173.7#
130	132.1	91.4	151.4

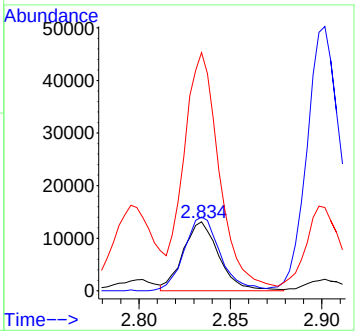


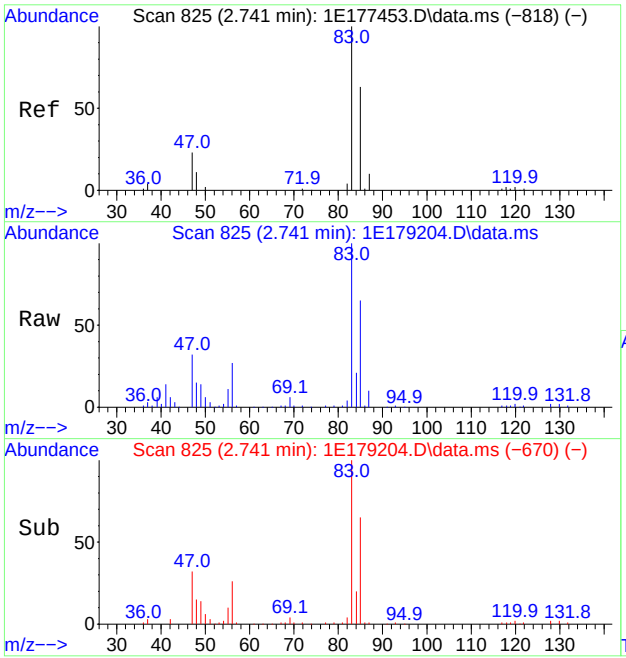


#40
tetrahydrofuran
Concen: 61.8589 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 71 Resp: 17941

Ion	Ratio	Lower	Upper
71	100		
72	104.5	82.2	142.2
42	338.7	201.9	261.9#

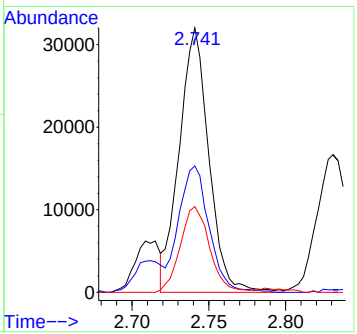


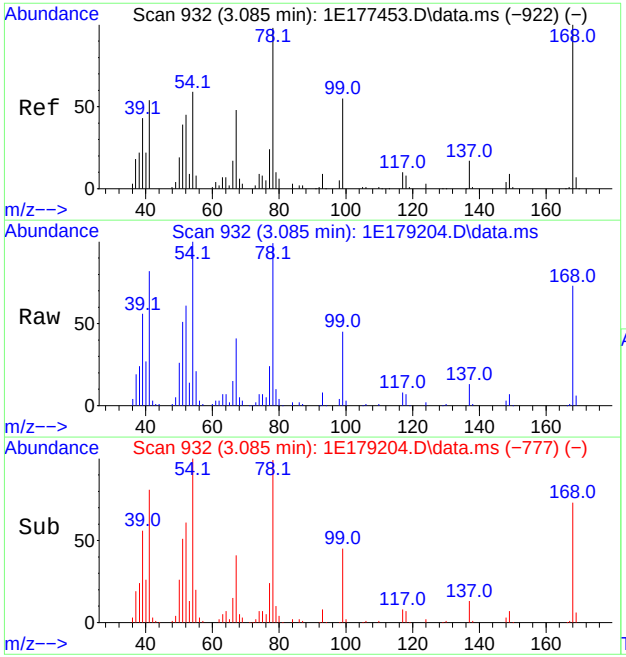


#41
chloroform
Concen: 57.6379 ug/L
RT: 2.741 min Scan# 825
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 47 Resp: 42931

Ion	Ratio	Lower	Upper
47	100		
48	48.2	23.0	83.0
87	31.8	8.1	68.1

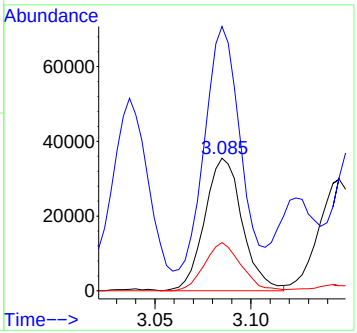


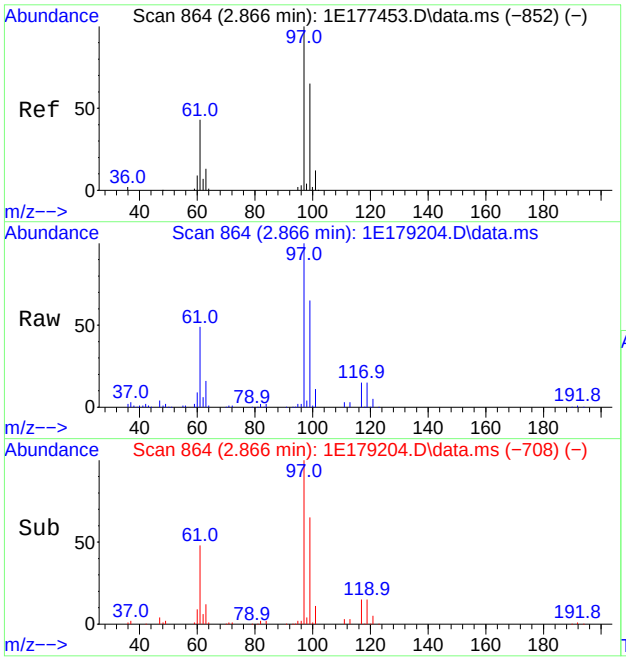


#43
methacrylonitrile
Concen: 57.0791 ug/L
RT: 3.085 min Scan# 932
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 67 Resp: 48559

Ion	Ratio	Lower	Upper
67	100		
41	163.8	83.8	143.8#
66	36.5	6.0	66.0

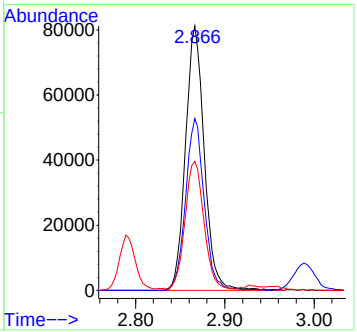


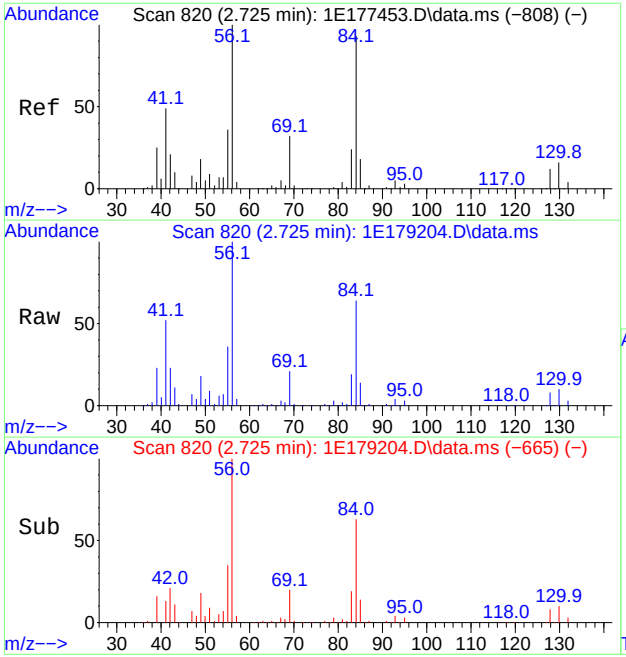


#44
1,1,1-trichloroethane
Concen: 50.2449 ug/L
RT: 2.866 min Scan# 864
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 97 Resp: 118988

Ion	Ratio	Lower	Upper
97	100		
99	65.0	34.9	94.9
61	48.0	13.2	73.2

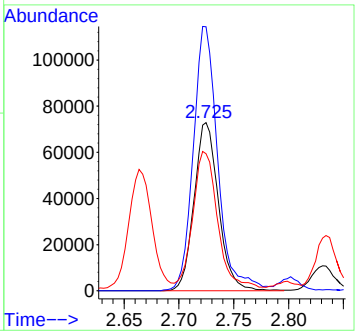


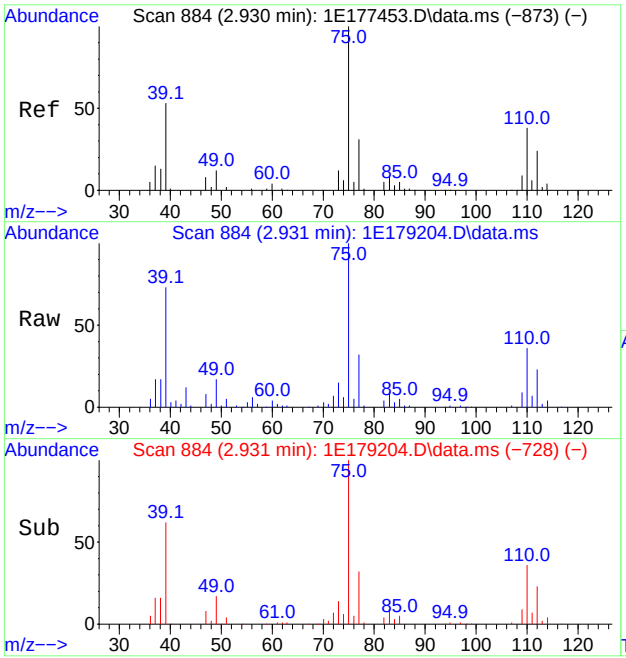


#45
cyclohexane
Concen: 55.1009 ug/L
RT: 2.725 min Scan# 820
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 84 Resp: 112711

Ion	Ratio	Lower	Upper
84	100		
56	157.2	87.1	127.1#
41	76.3	36.3	76.3#

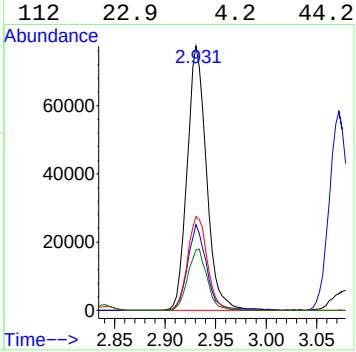


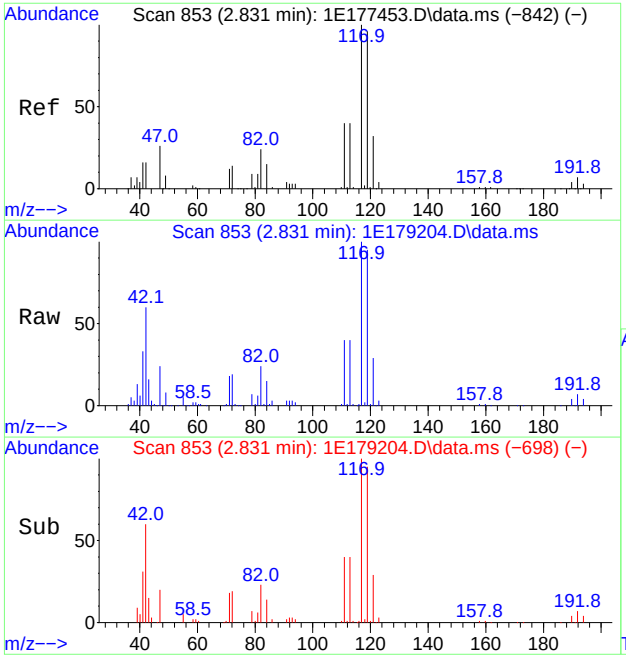


#46
1,1-dichloropropene
Concen: 55.2665 ug/L
RT: 2.931 min Scan# 884
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 75 Resp: 103359

Ion	Ratio	Lower	Upper
75	100		
77	32.5	10.6	50.6
110	35.6	17.7	57.7
112	22.9	4.2	44.2

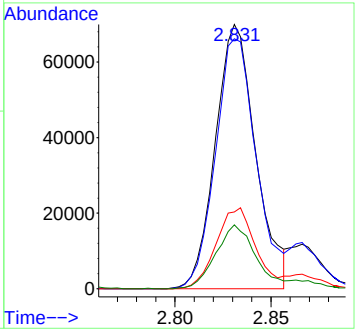


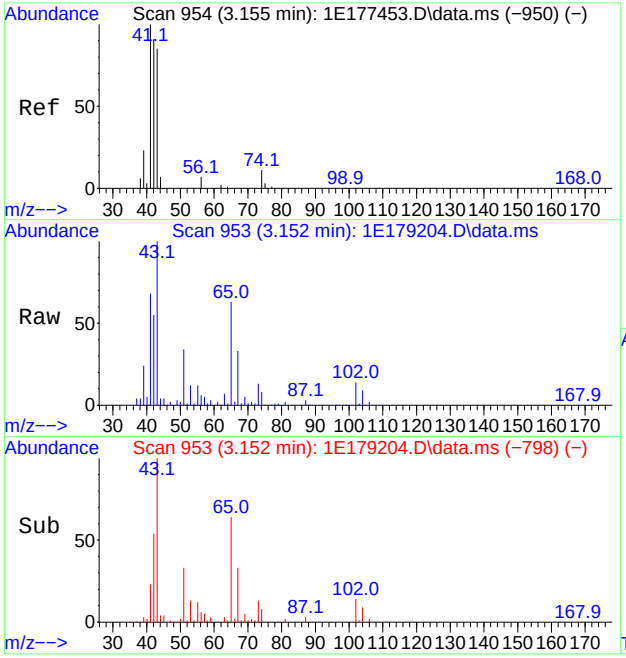


#47
carbon tetrachloride
Concen: 46.2224 ug/L
RT: 2.831 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:117 Resp: 102453

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.4	116.4
121	29.0	12.4	52.4
82	24.2	4.0	44.0

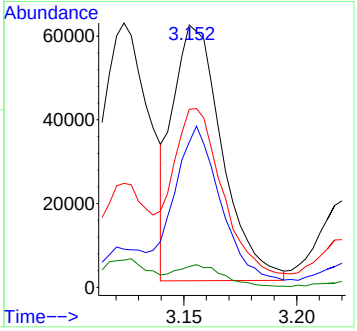


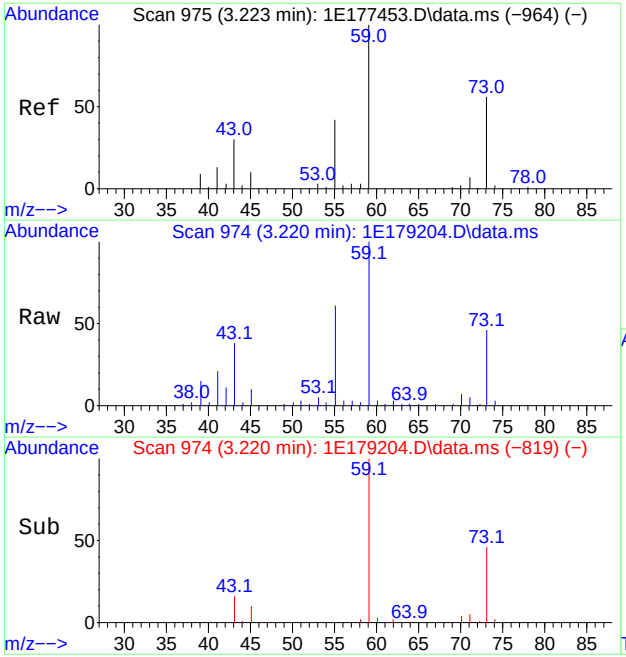


#48
isobutyl alcohol
Concen: 1059.8040 ug/L
RT: 3.152 min Scan# 953
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 43 Resp: 92965

Ion	Ratio	Lower	Upper
43	100		
42	56.1	34.0	74.0
41	66.7	52.4	92.4
74	8.0	0.0	32.3

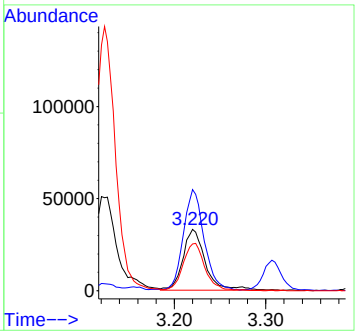


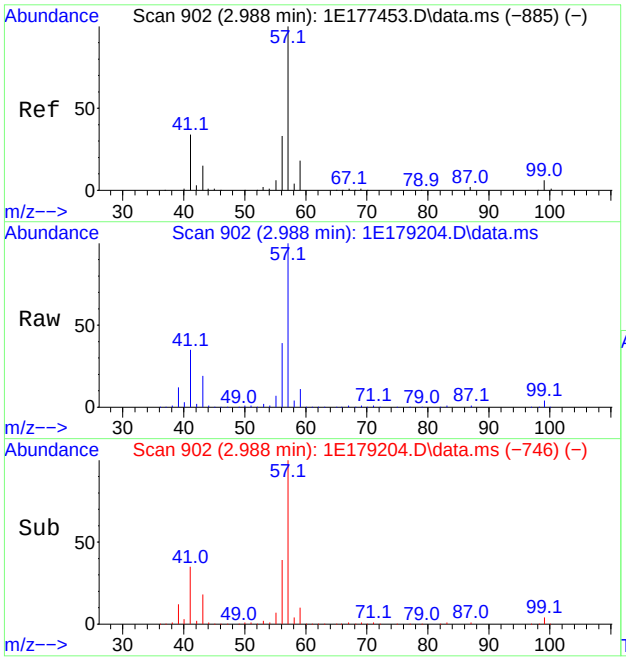


#49
tert-amyl alcohol
Concen: 573.6413 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 55 Resp: 56120

Ion	Ratio	Lower	Upper
55	100		
59	163.9	210.1	250.1#
73	76.1	111.6	151.6#

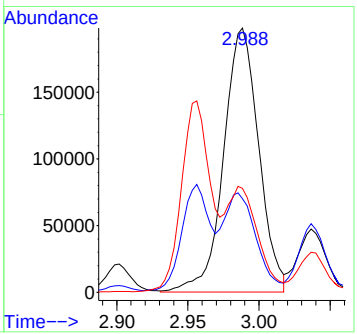


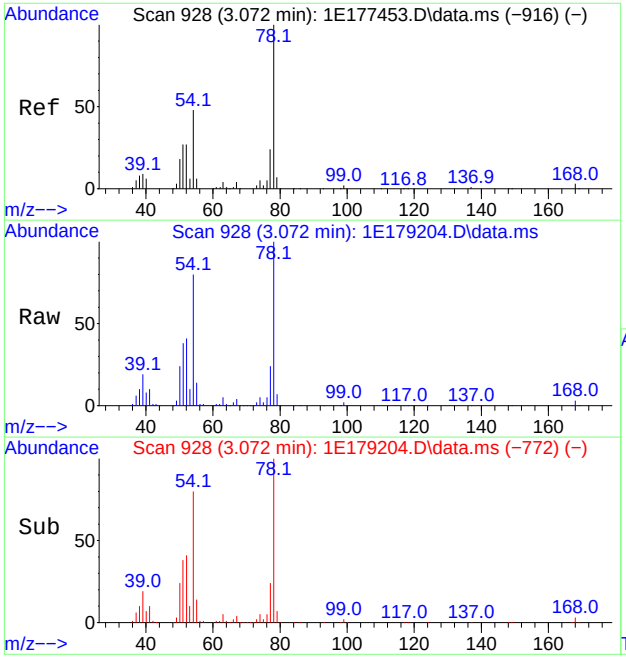


#52
iso-octane
Concen: 81.8978 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 57 Resp: 340567

Ion	Ratio	Lower	Upper
57	100		
41	34.0	14.3	54.3
56	37.4	13.6	53.6

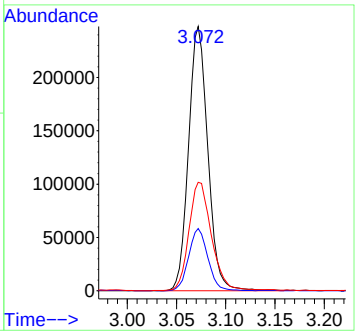


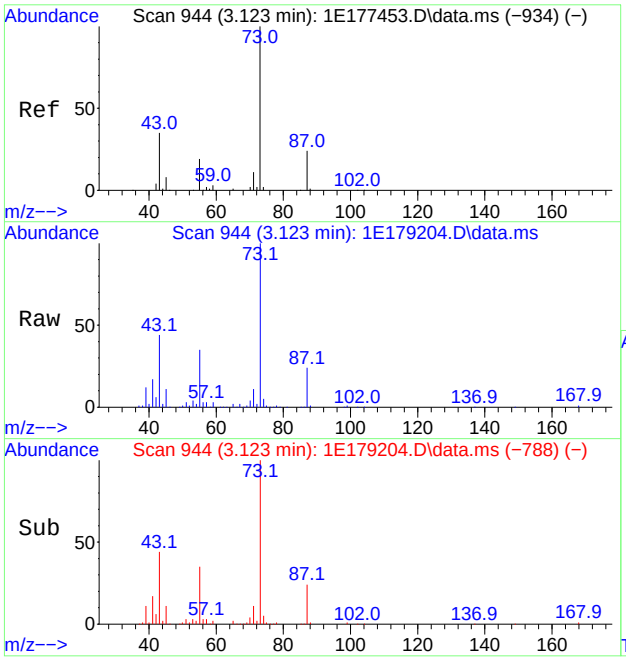


#53
benzene
Concen: 66.7563 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 78 Resp: 337993

Ion	Ratio	Lower	Upper
78	100		
77	23.5	0.0	54.3
52	40.9	0.0	57.1

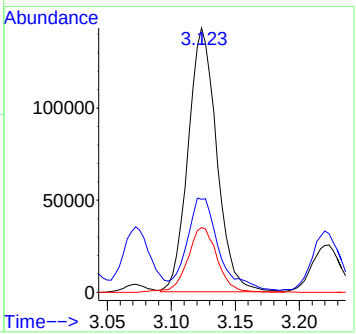


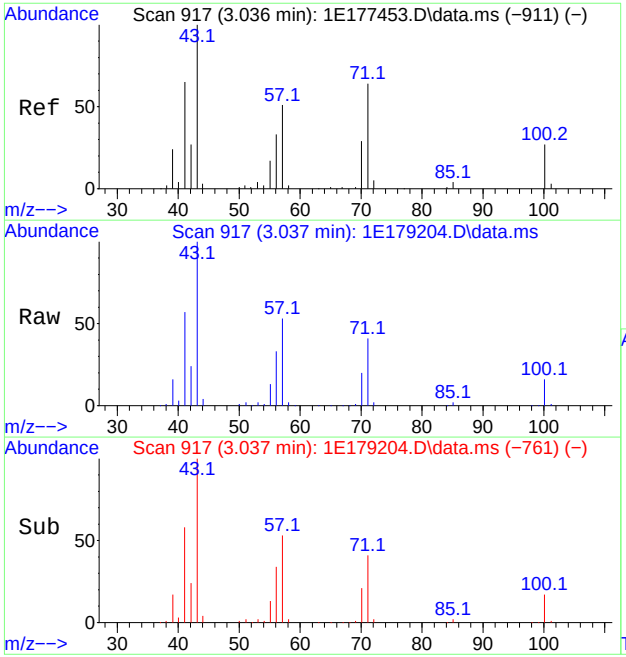


#54
tert-amyl methyl ether
Concen: 53.1626 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 73 Resp: 222524

Ion	Ratio	Lower	Upper
73	100		
55	34.3	2.5	42.5
87	24.6	5.0	45.0

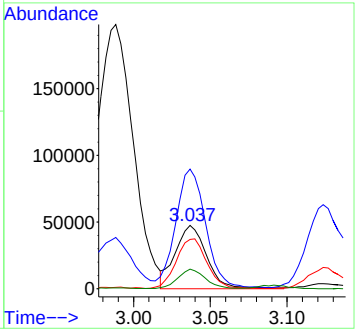


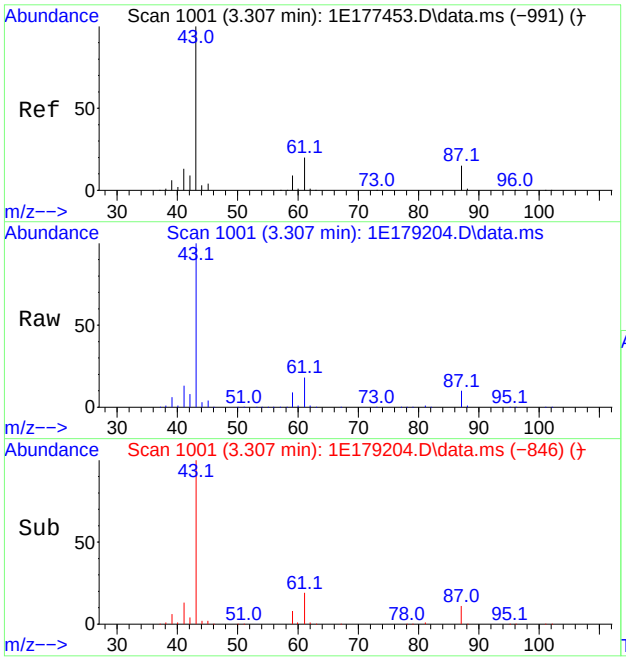


#55
heptane
Concen: 87.1256 ug/L
RT: 3.037 min Scan# 917
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 57 Resp: 67780

Ion	Ratio	Lower	Upper
57	100		
43	184.3	129.2	189.2
71	77.2	71.9	131.9
100	29.7	10.2	70.2

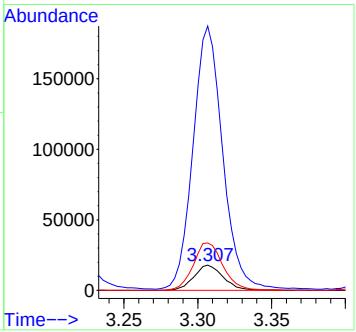


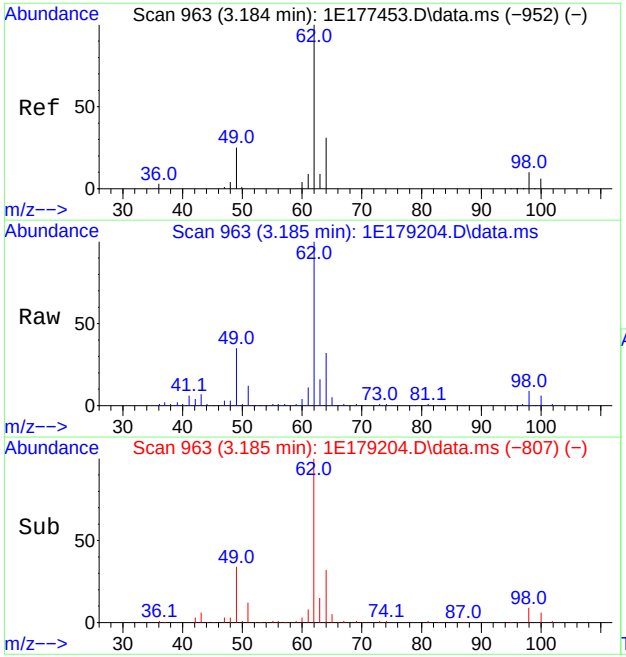


#56
isopropyl acetate
Concen: 54.5649 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 87 Resp: 24921

Ion	Ratio	Lower	Upper
87	100		
43	1042.4	647.0	707.0#
61	187.8	104.0	164.0#

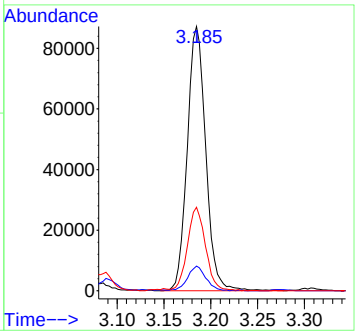


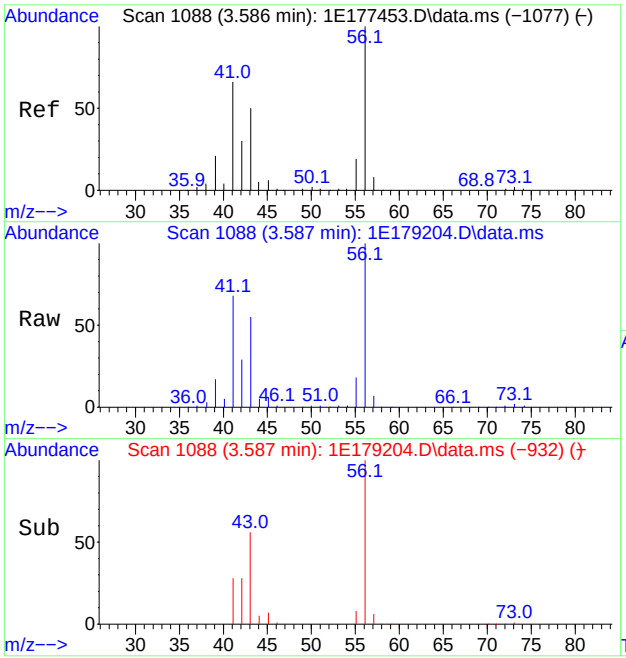


#57
1,2-dichloroethane
Concen: 58.1515 ug/L
RT: 3.185 min Scan# 963
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 62 Resp: 120218

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	39.5
64	31.6	1.9	61.9

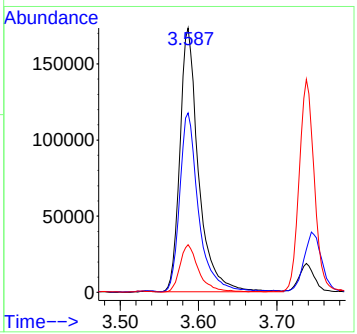


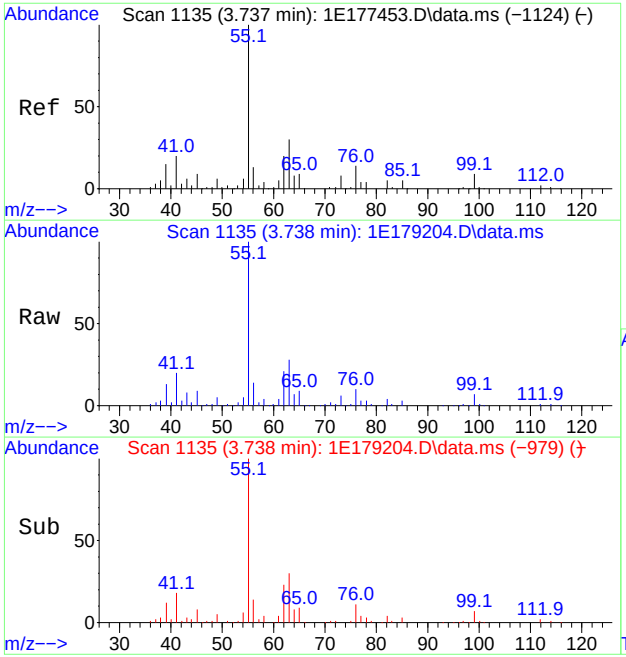


#58
n-butyl alcohol
Concen: 5642.8665 ug/L
RT: 3.587 min Scan# 1088
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 56 Resp: 286762

Ion	Ratio	Lower	Upper
56	100		
41	67.7	46.6	86.6
55	17.9	0.0	39.2

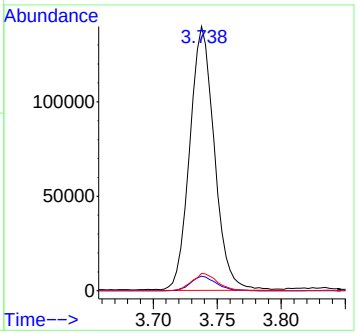


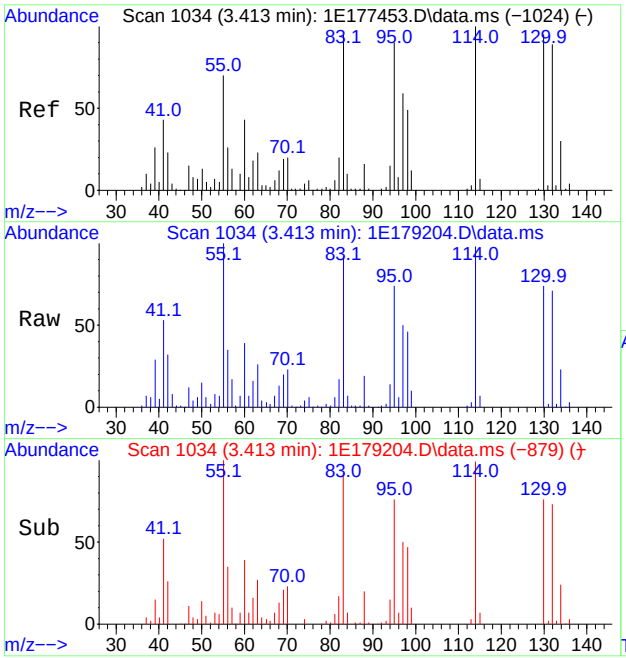


#59
ethyl acrylate
Concen: 78.2137 ug/L
RT: 3.738 min Scan# 1135
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 55 Resp: 187428

Ion	Ratio	Lower	Upper
55	100		
73	5.6	0.0	37.9
99	6.6	0.0	38.9

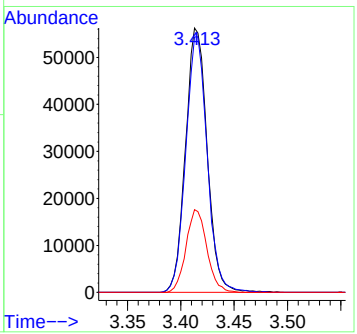


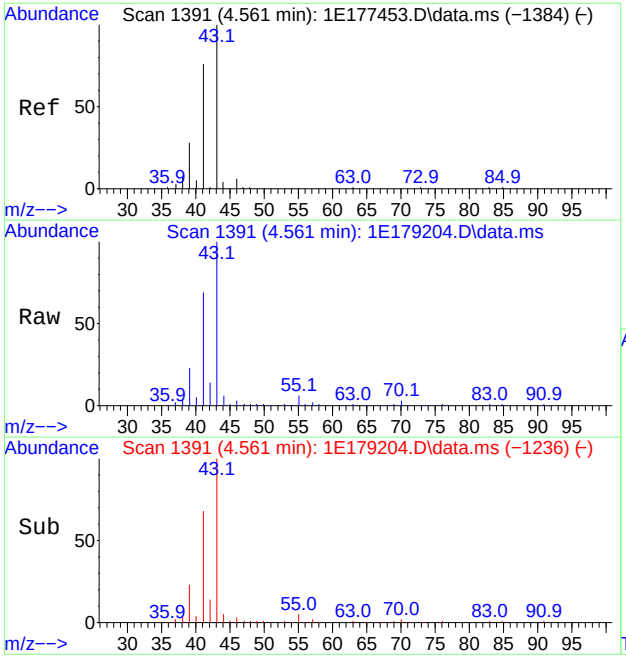


#60
trichloroethene
Concen: 51.2262 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:130 Resp: 79605

Ion	Ratio	Lower	Upper
130	100		
132	96.5	63.8	123.8
134	31.3	1.3	61.3

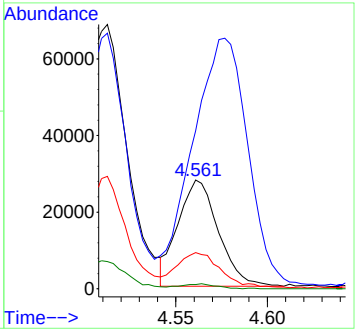


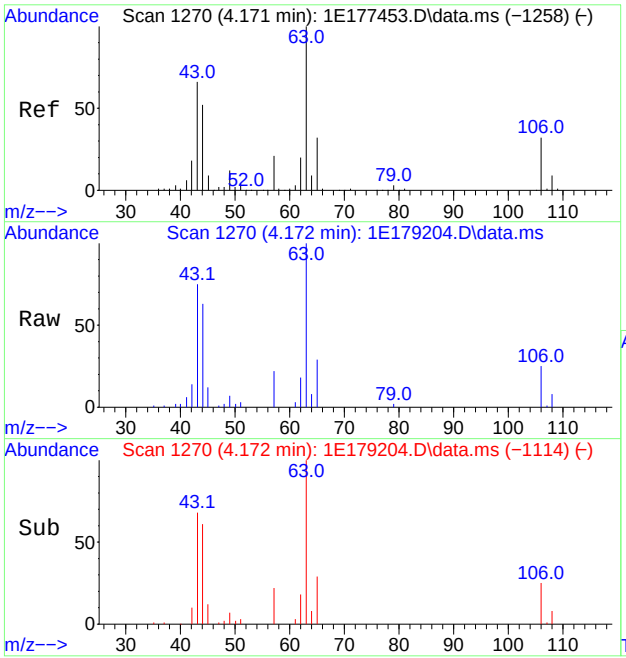


#61
2-nitropropane
Concen: 55.6716 ug/L
RT: 4.561 min Scan# 1391
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 41 Resp: 42679

Ion	Ratio	Lower	Upper
41	100		
43	139.4	93.3	153.3
39	32.5	9.2	69.2
46	4.0	0.0	37.8

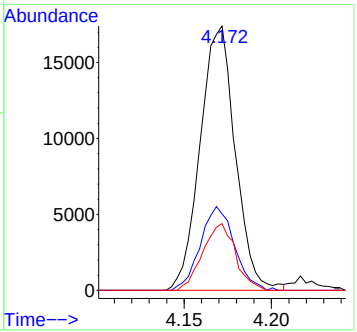


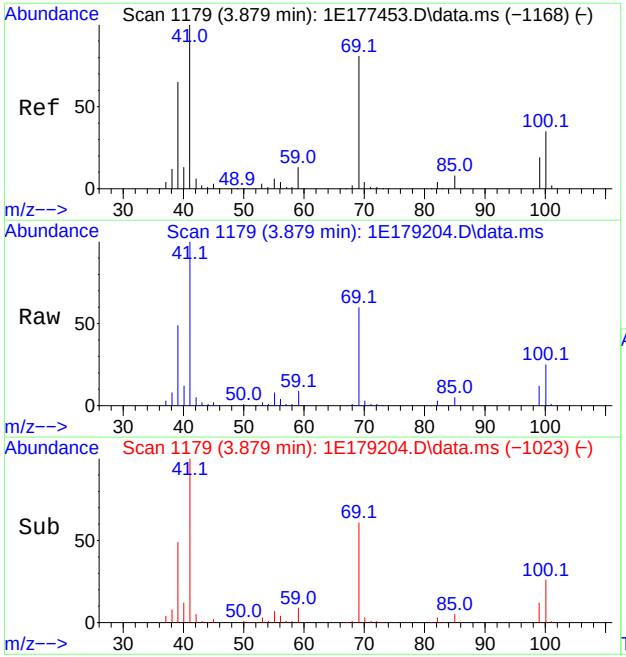


#62
2-chloroethyl vinyl ether
Concen: 28.4744 ug/L
RT: 4.172 min Scan# 1270
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 63 Resp: 24426

Ion	Ratio	Lower	Upper
63	100		
65	29.0	1.9	61.9
106	25.3	2.0	62.0

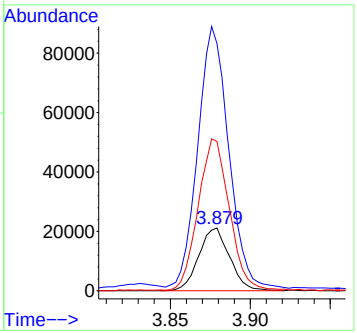


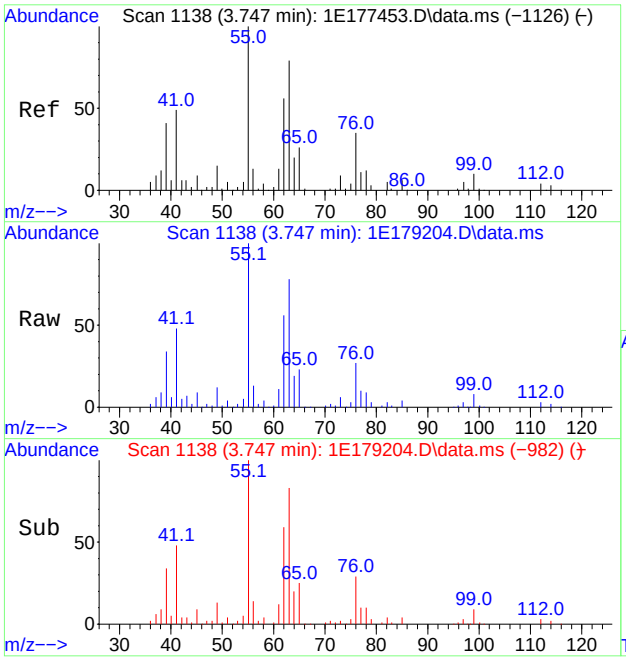


#63
methyl methacrylate
Concen: 53.4988 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:100 Resp: 28344

Ion	Ratio	Lower	Upper
100	100		
41	388.1	253.3	313.3#
69	236.7	198.3	258.3

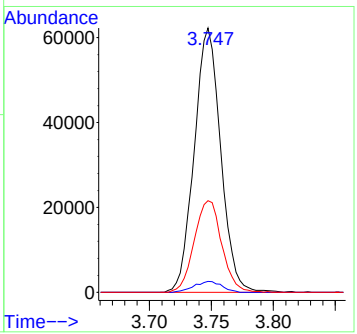


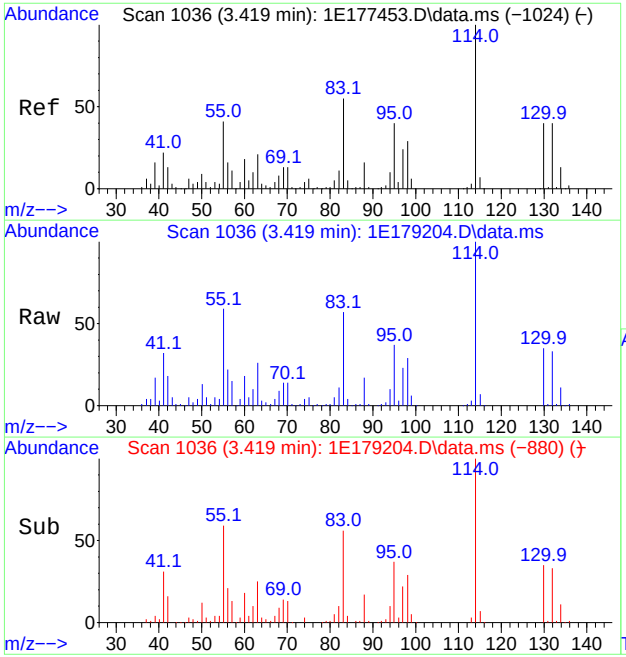


#64
1,2-dichloropropane
Concen: 69.4644 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 63 Resp: 92507

Ion	Ratio	Lower	Upper
63	100		
112	4.2	0.0	34.8
76	34.7	14.8	74.8

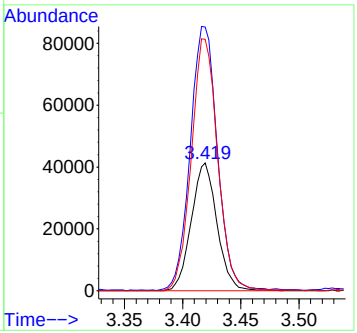


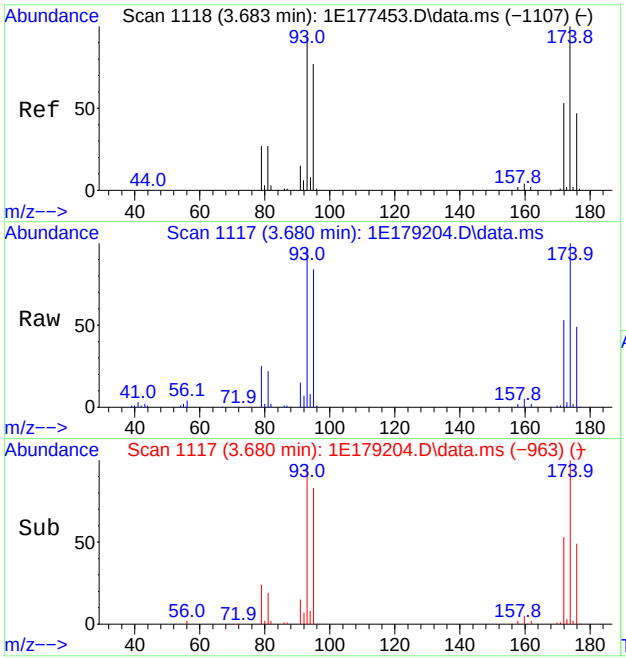


#65
methylcyclohexane
Concen: 57.7139 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 98 Resp: 63597

Ion	Ratio	Lower	Upper
98	100		
55	205.1	109.6	169.6#
83	196.6	187.2	187.2#

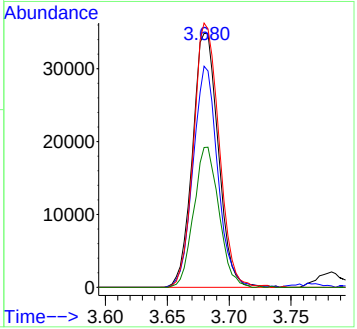


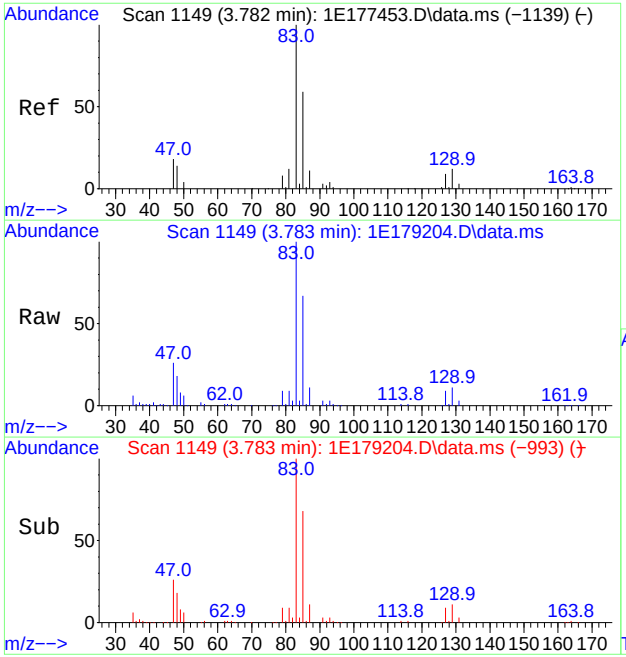


#66
dibromomethane
Concen: 51.2734 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 93 Resp: 50522

Ion	Ratio	Lower	Upper
93	100		
95	87.2	51.7	111.7
174	104.2	76.6	136.6
172	55.2	36.3	76.3

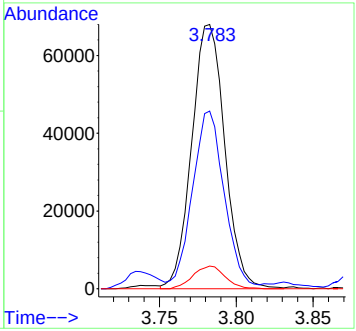


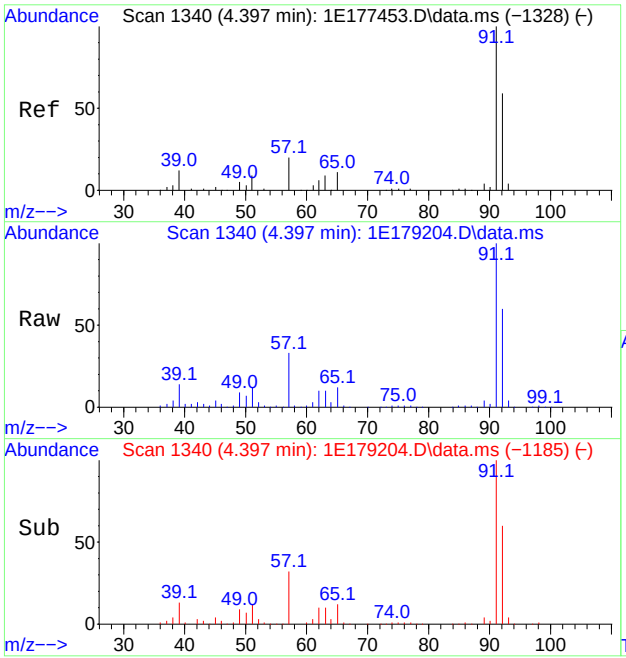


#67
bromodichloromethane
Concen: 52.1947 ug/L
RT: 3.783 min Scan# 1149
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 83 Resp: 101968

Ion	Ratio	Lower	Upper
83	100		
85	64.9	33.0	93.0
127	8.6	0.0	38.8

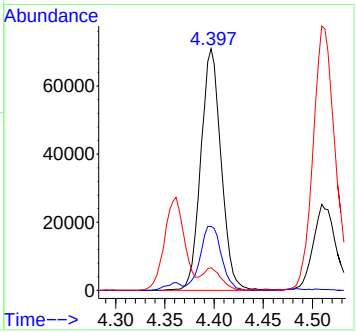


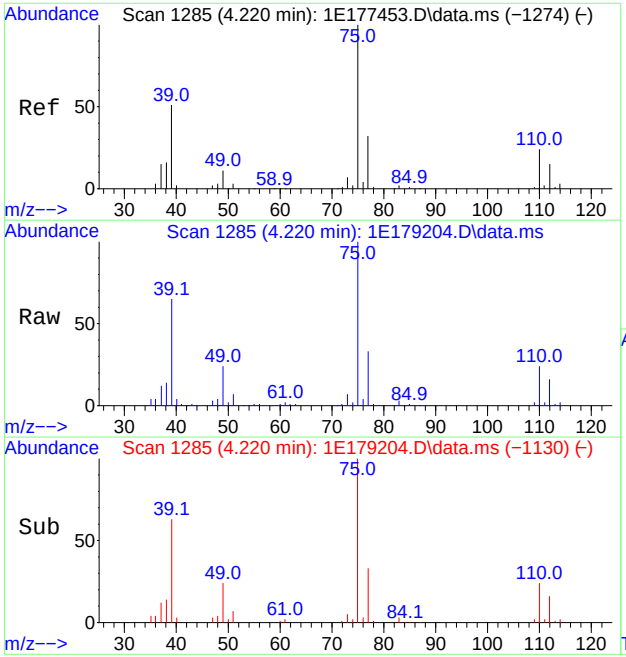


#68
epichlorohydrin
Concen: 429.7508 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 57 Resp: 101997

Ion	Ratio	Lower	Upper
57	100		
49	26.2	8.6	48.6
42	9.1	0.0	30.2

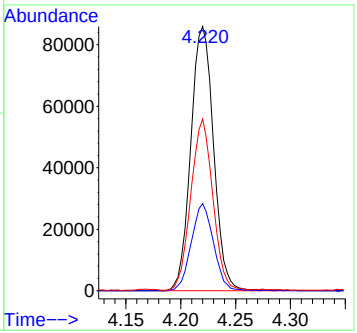


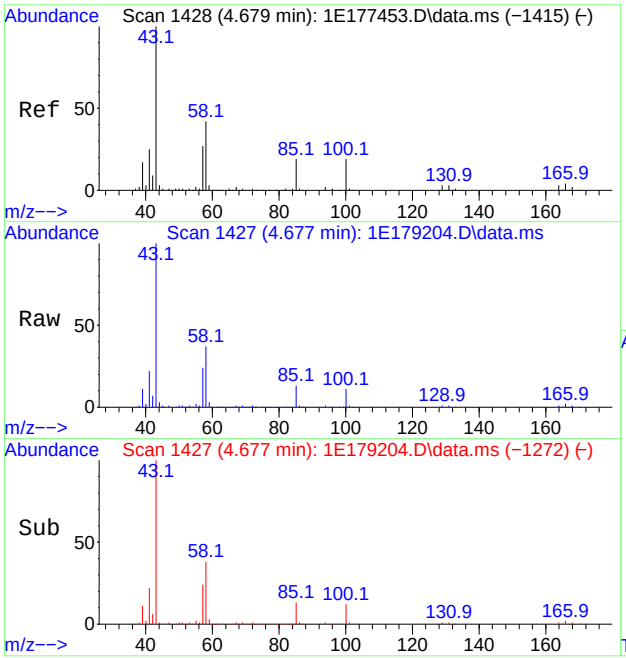


#69
cis-1,3-dichloropropene
Concen: 54.2005 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 75 Resp: 124261

Ion	Ratio	Lower	Upper
75	100		
77	33.0	2.1	62.1
39	64.7	23.0	83.0

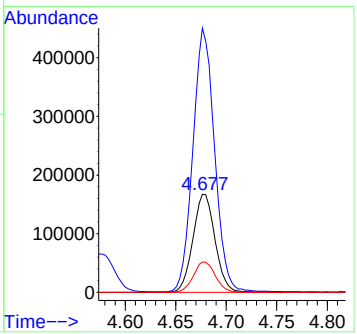


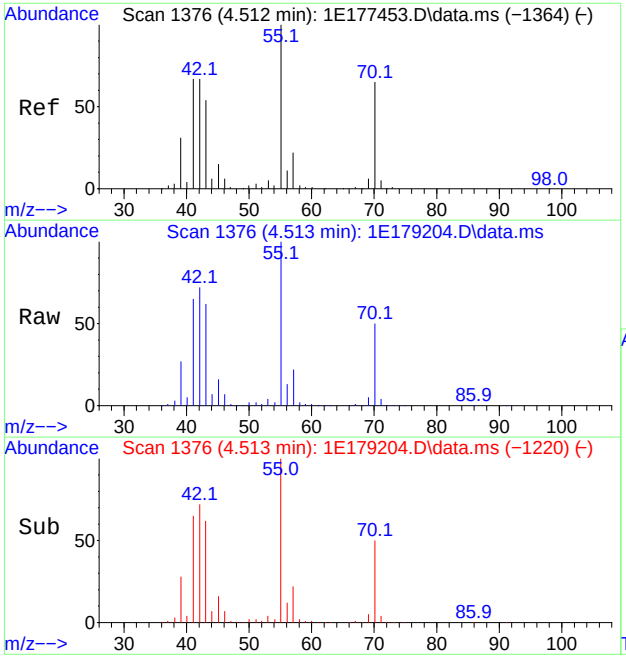


#70
4-methyl-2-pentanone
Concen: 322.0883 ug/L
RT: 4.677 min Scan# 1427
Delta R.T. -0.002 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 58 Resp: 255072

Ion	Ratio	Lower	Upper
58	100		
43	268.6	210.4	270.4
100	30.9	14.6	74.6

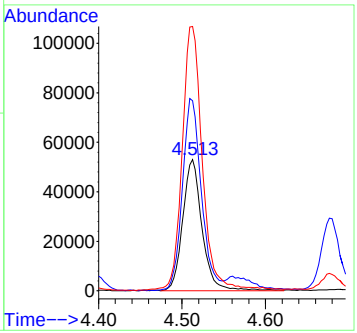


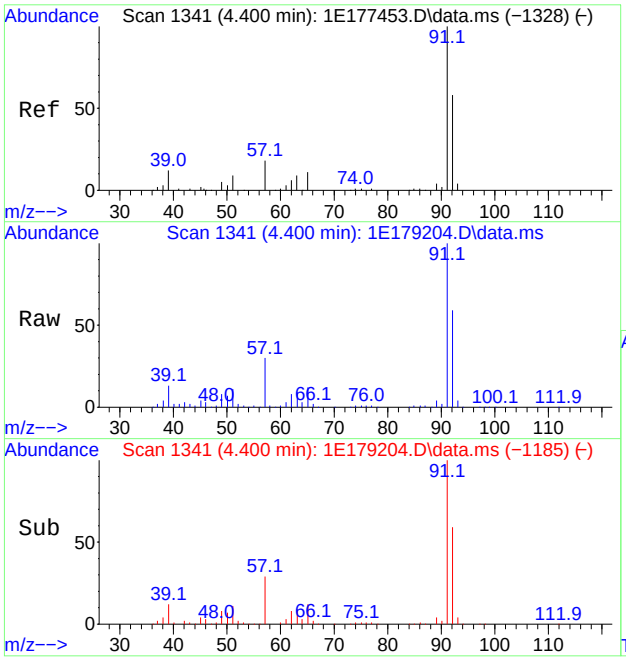


#71
3-methyl-1-butanol
Concen: 1470.0094 ug/L
RT: 4.513 min Scan# 1376
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 70 Resp: 85719

Ion	Ratio	Lower	Upper
70	100		
42	144.2	73.1	133.1#
55	200.3	123.9	183.9#

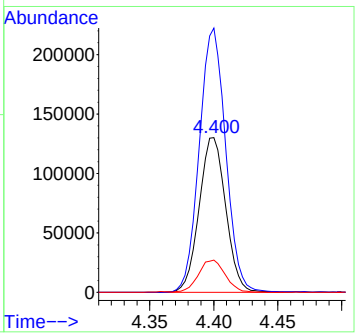


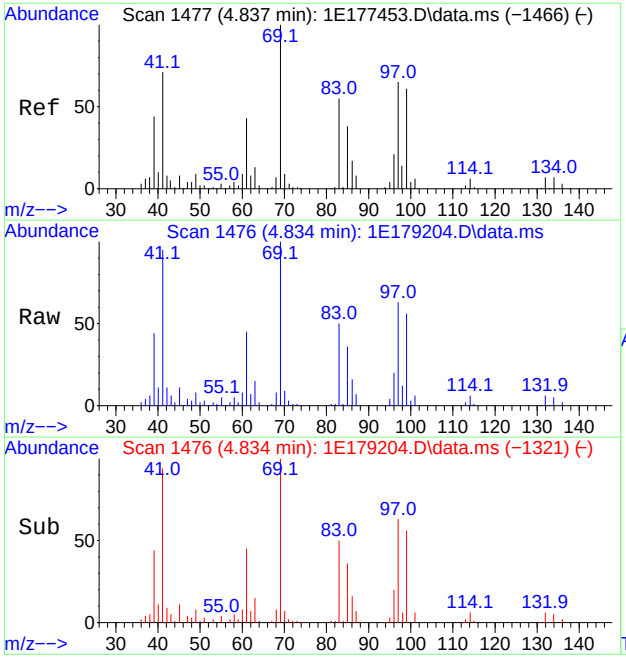


#74
toluene
Concen: 56.2014 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 92 Resp: 188788

Ion	Ratio	Lower	Upper
92	100		
91	170.8	151.4	191.4
65	20.8	0.0	39.2

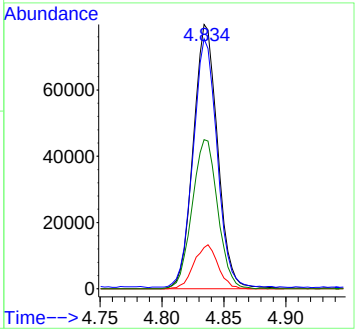


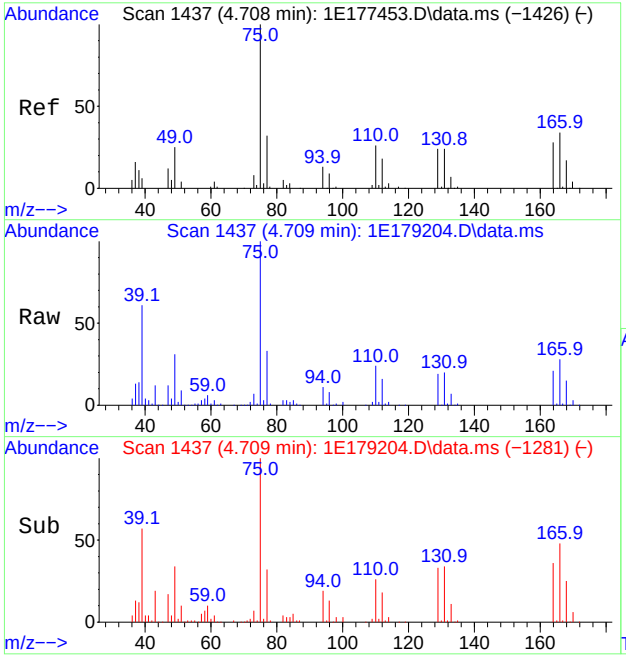


#75
ethyl methacrylate
Concen: 54.8696 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 69 Resp: 108966

Ion	Ratio	Lower	Upper
69	100		
41	93.9	51.1	91.1#
86	15.6	0.0	36.7
99	56.4	41.3	81.3

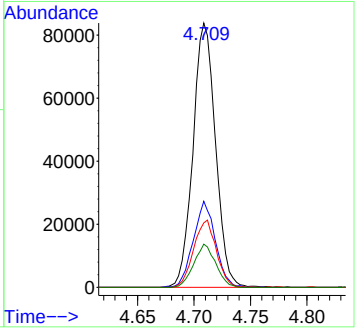


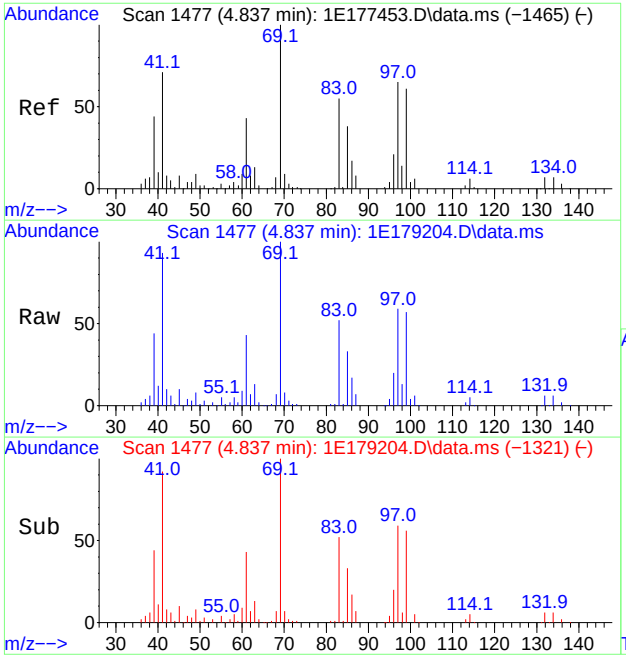


#76
trans-1,3-dichloropropene
Concen: 52.8125 ug/L
RT: 4.709 min Scan# 1437
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 75 Resp: 116157

Ion	Ratio	Lower	Upper
75	100		
77	32.6	12.4	52.4
110	24.4	6.3	46.3
112	16.3	0.0	37.7

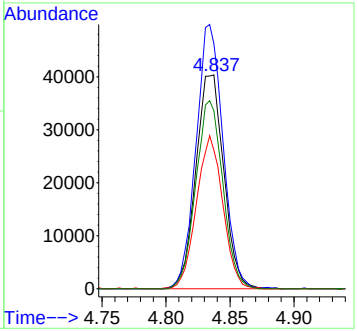


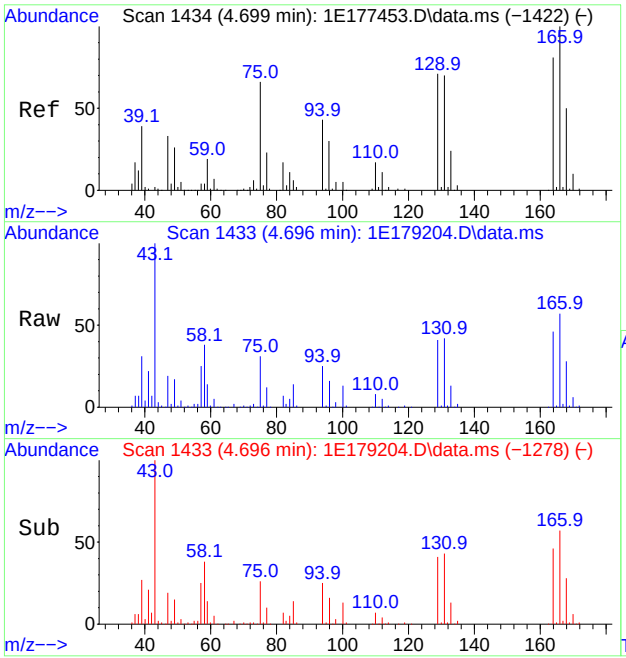


#77
1,1,2-trichloroethane
Concen: 52.8057 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 83 Resp: 61514

Ion	Ratio	Lower	Upper
83	100		
97	114.4	97.4	137.4
85	64.7	48.3	88.3
61	83.2	56.7	96.7

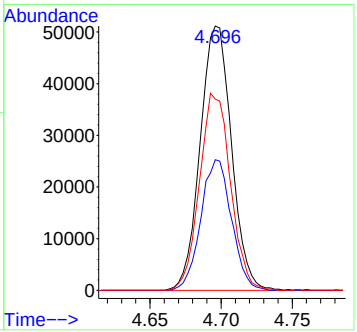


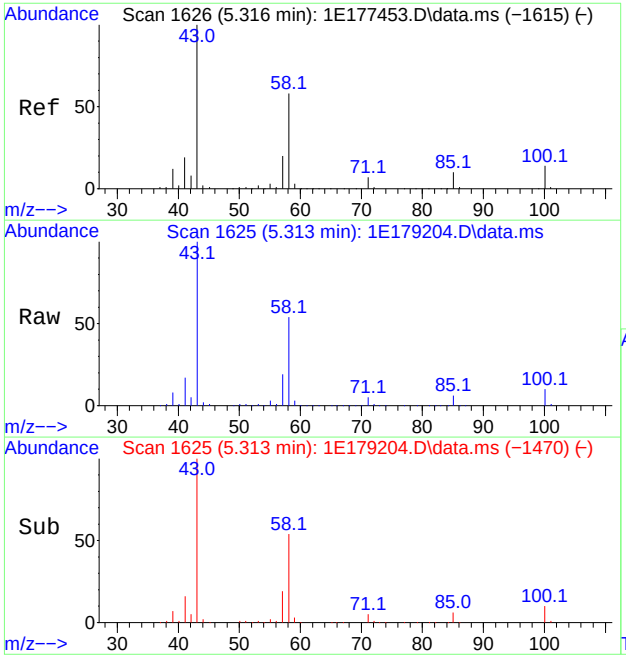


#78
tetrachloroethene
Concen: 49.4372 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:166 Resp: 78568

Ion	Ratio	Lower	Upper
166	100		
168	49.4	20.1	80.1
129	72.3	41.0	101.0

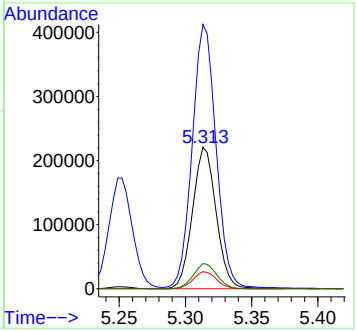


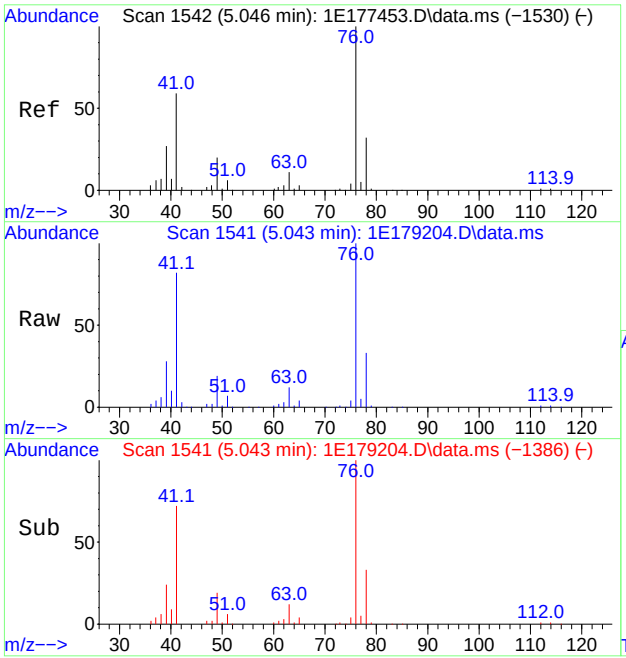


#79
2-hexanone
Concen: 283.3555 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 58 Resp: 274388

Ion	Ratio	Lower	Upper
58	100		
43	186.1	153.6	193.6
85	12.0	0.0	37.1
100	17.9	5.0	45.0

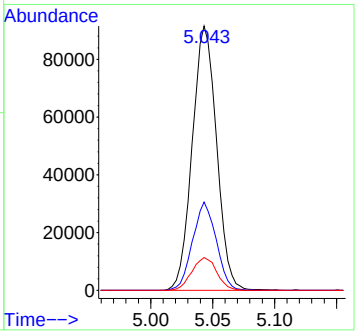


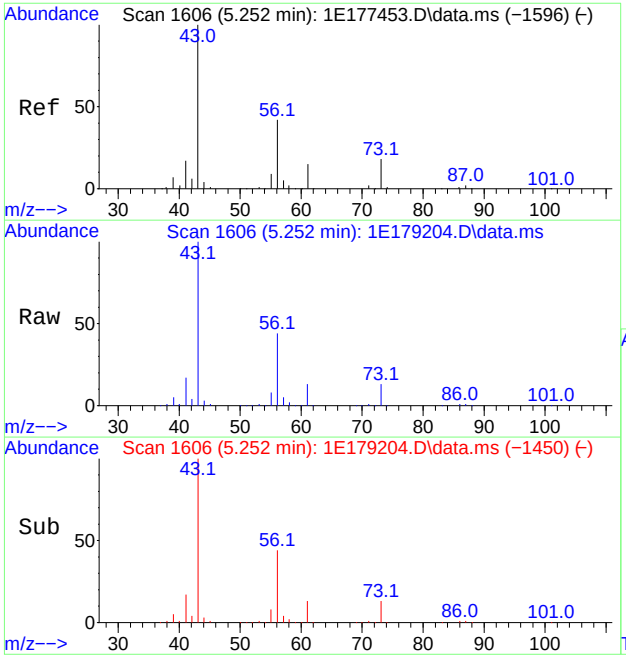


#80
1,3-dichloropropane
Concen: 55.1475 ug/L
RT: 5.043 min Scan# 1541
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 76 Resp: 124905

Ion	Ratio	Lower	Upper
76	100		
78	33.4	2.4	62.4
63	12.4	0.0	41.1

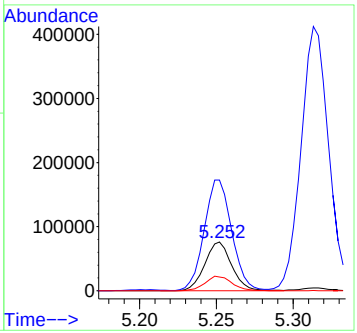


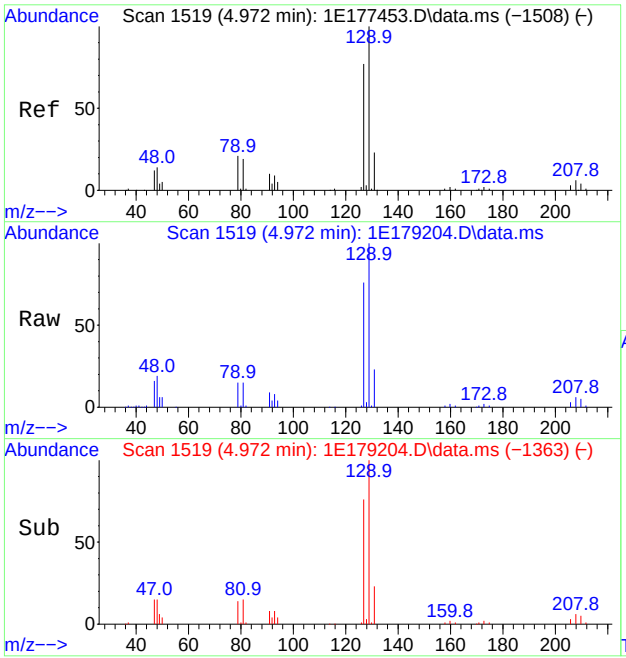


#81
butyl acetate
Concen: 80.1009 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 56 Resp: 92965

Ion	Ratio	Lower	Upper
56	100		
43	225.7	205.8	265.8
73	28.5	13.1	73.1

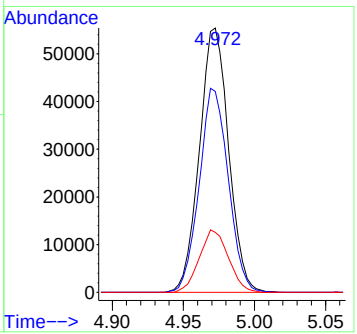


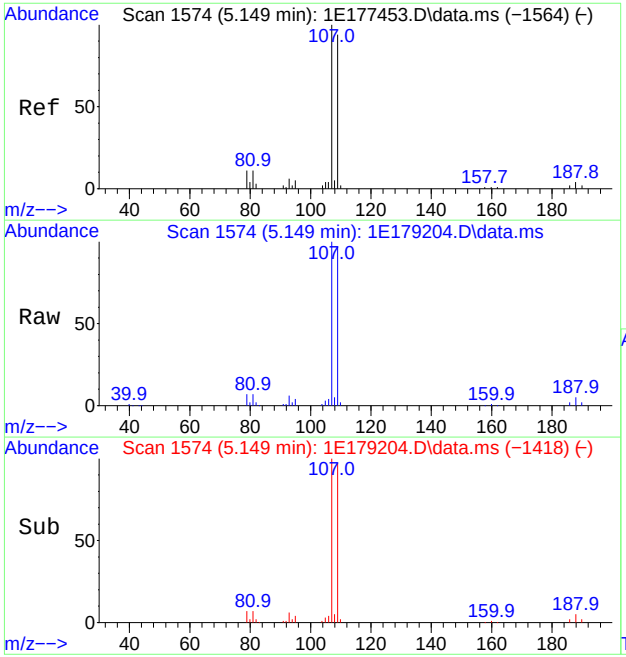


#82
dibromochloromethane
Concen: 45.7009 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:129 Resp: 79318

Ion	Ratio	Lower	Upper
129	100		
127	76.1	47.3	107.3
131	22.7	0.0	52.9

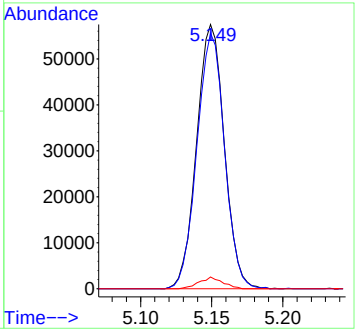


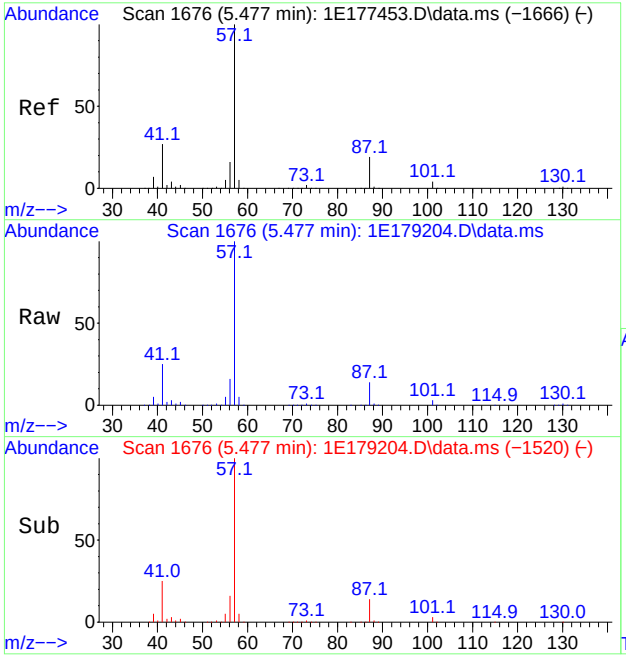


#83
1,2-dibromoethane
Concen: 51.5565 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:107 Resp: 77967

Ion	Ratio	Lower	Upper
107	100		
109	96.7	63.9	123.9
188	4.5	0.0	34.1

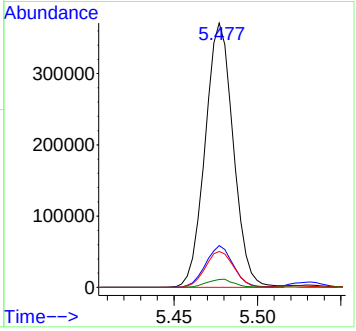


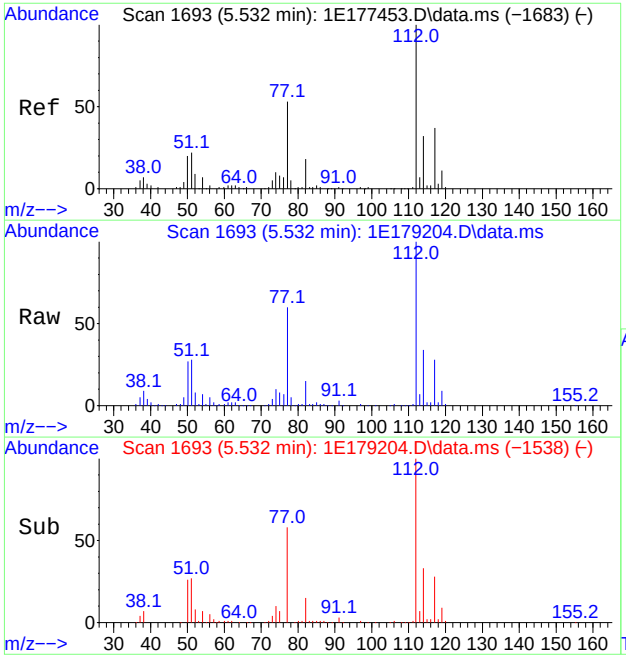


#84
n-butyl ether
Concen: 78.4956 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 57 Resp: 434341

Ion	Ratio	Lower	Upper
57	100		
56	15.8	0.0	45.9
87	13.6	0.0	49.2
101	3.0	0.0	34.4

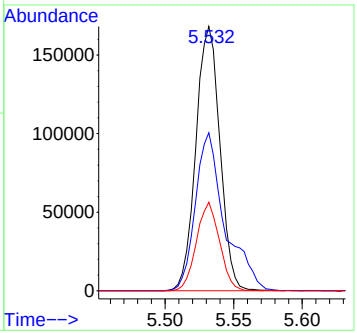


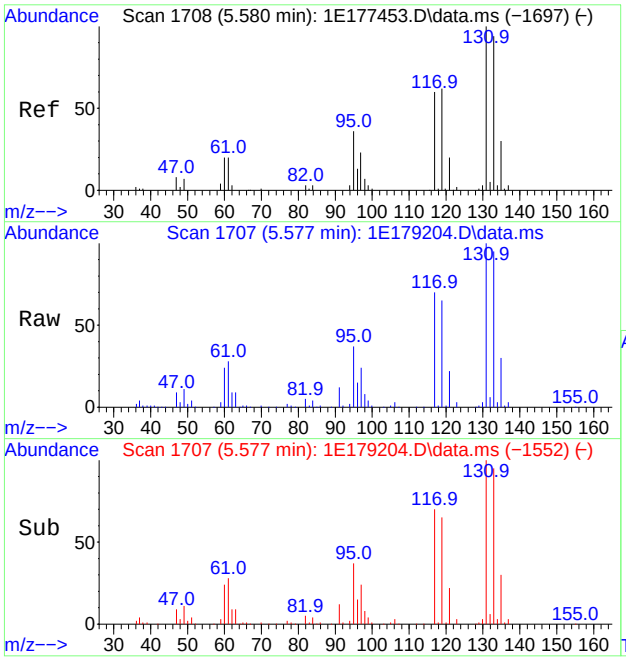


#85
chlorobenzene
Concen: 52.2855 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:112 Resp: 205191

Ion	Ratio	Lower	Upper
112	100		
77	59.8	23.2	83.2
114	33.5	2.3	62.3

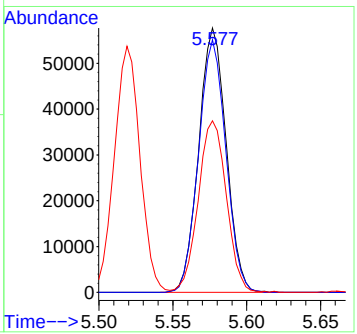




#86
1,1,1,2-tetrachloroethane
Concen: 48.9718 ug/L
RT: 5.577 min Scan# 1707
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

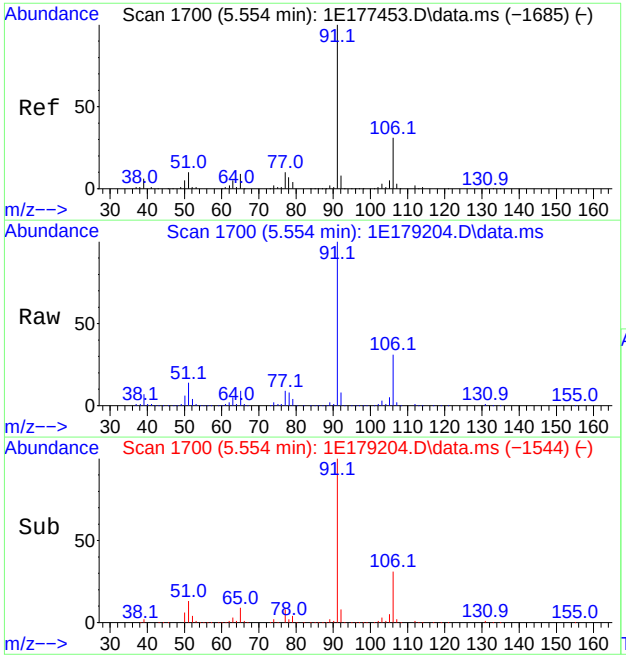
Tgt Ion:131 Resp: 74474

Ion	Ratio	Lower	Upper
131	100		
133	95.5	64.5	124.5
119	64.9	33.5	93.5



7.4.3

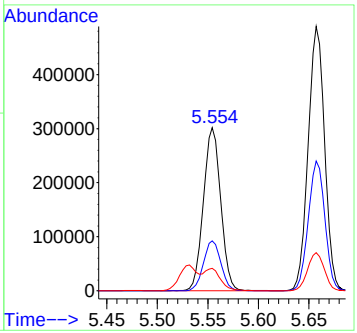
7

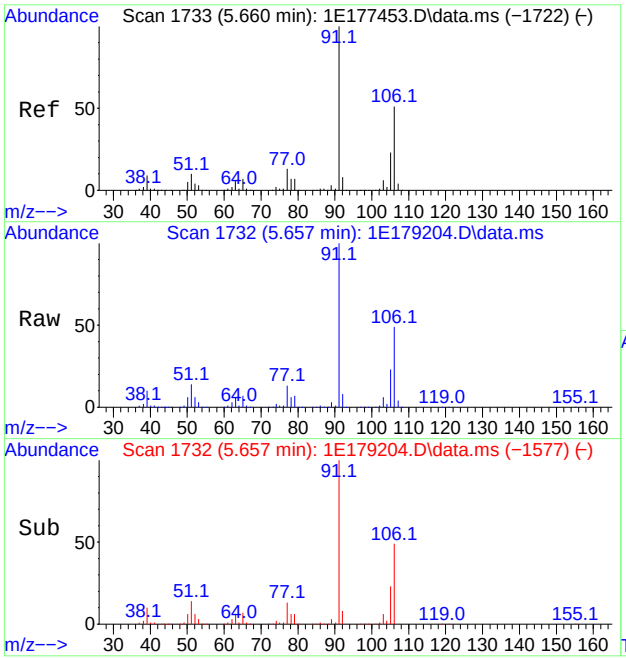


#87
ethylbenzene
Concen: 55.6056 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 91 Resp: 359632

Ion	Ratio	Lower	Upper
91	100		
106	30.6	1.0	61.0
51	13.8	0.0	40.1

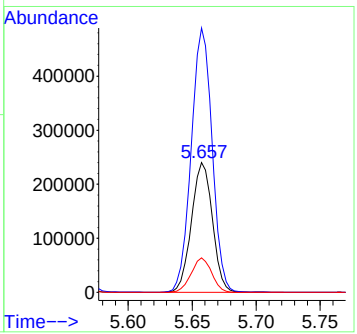


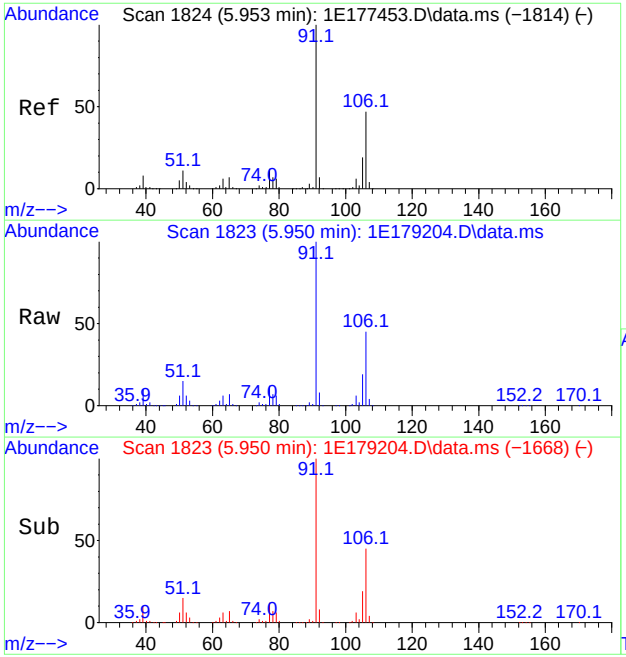


#88
m,p-xylene
Concen: 108.1835 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:106 Resp: 274494

Ion	Ratio	Lower	Upper
106	100		
91	203.6	166.4	226.4
77	26.6	5.3	45.3

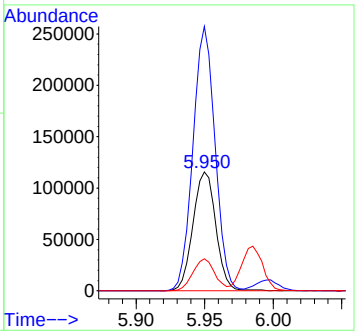


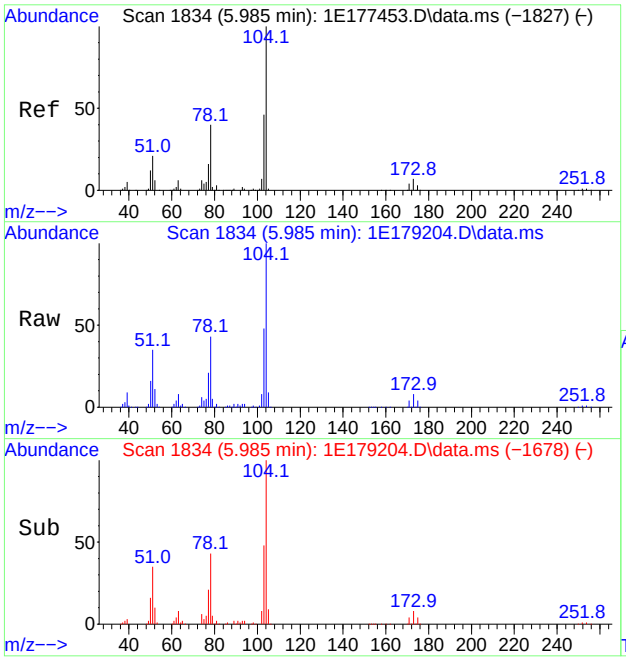


#89
o-xylene
Concen: 53.5633 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:106 Resp: 134536

Ion	Ratio	Lower	Upper
106	100		
91	222.2	184.0	244.0
77	26.9	6.6	46.6

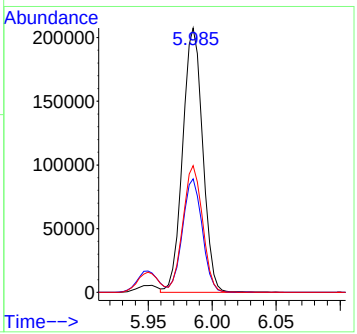


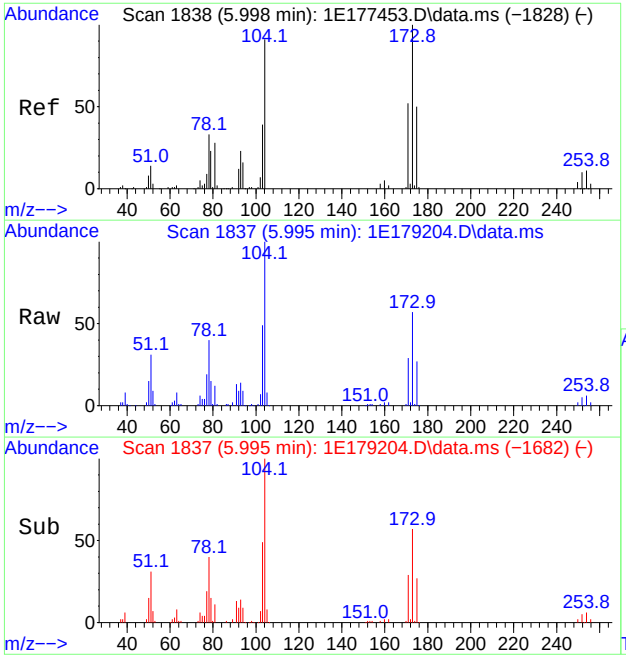


#90
styrene
Concen: 53.7241 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:104 Resp: 225788

Ion	Ratio	Lower	Upper
104	100		
78	42.9	12.2	72.2
103	47.9	18.0	78.0

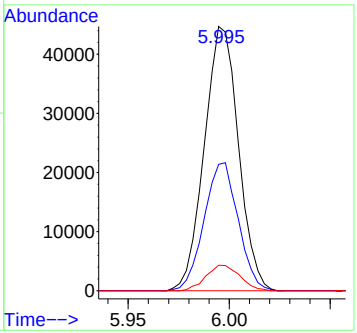


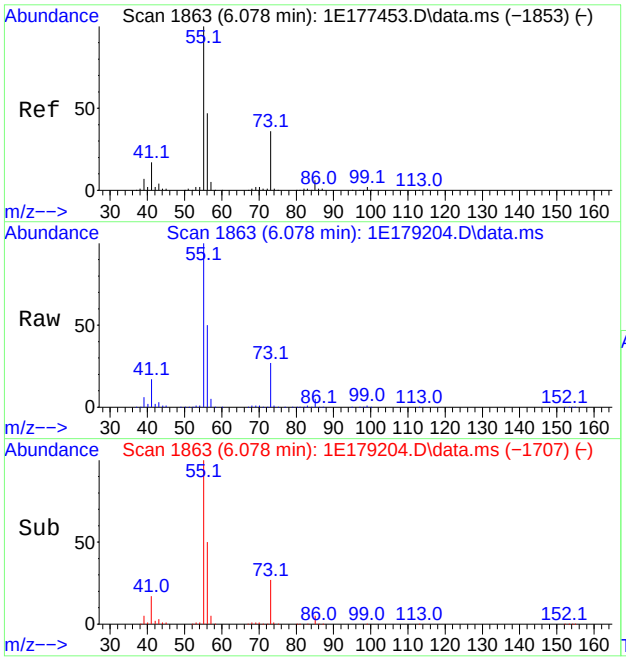


#91
bromoform
Concen: 41.4067 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:173 Resp: 52512

Ion	Ratio	Lower	Upper
173	100		
175	47.8	20.2	80.2
254	9.7	0.0	40.9

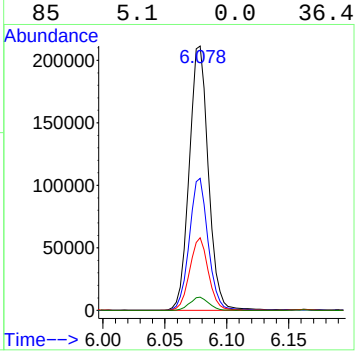


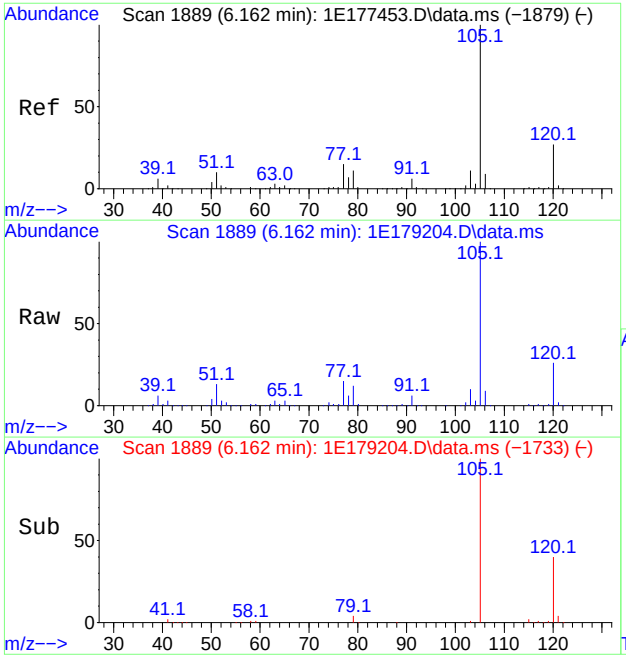


#92
butyl acrylate
Concen: 73.3902 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 55 Resp: 228654

Ion	Ratio	Lower	Upper
55	100		
56	49.9	17.5	77.5
73	27.4	5.8	65.8
85	5.1	0.0	36.4

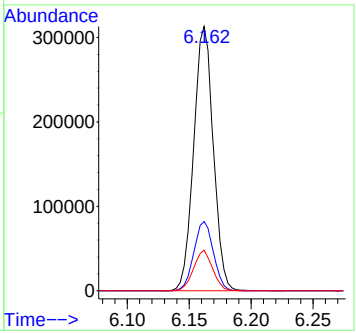


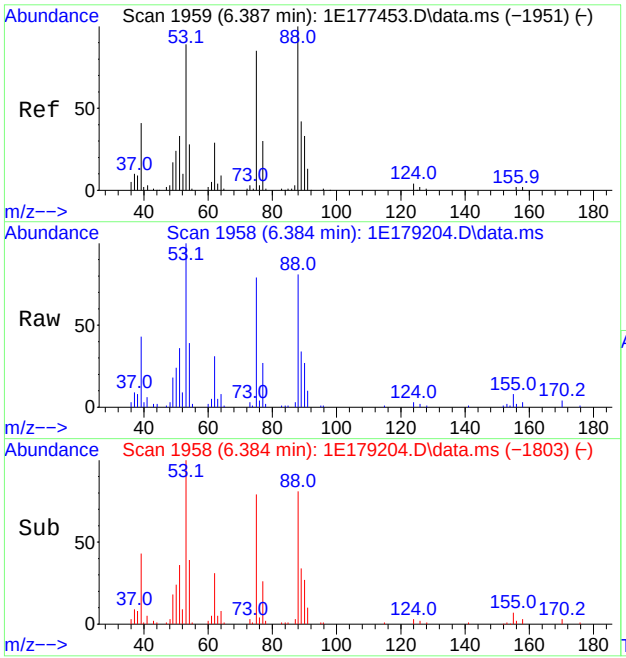


#93
isopropylbenzene
Concen: 56.6279 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:105 Resp: 344929

Ion	Ratio	Lower	Upper
105	100		
120	26.2	6.8	46.8
77	15.3	0.0	34.9

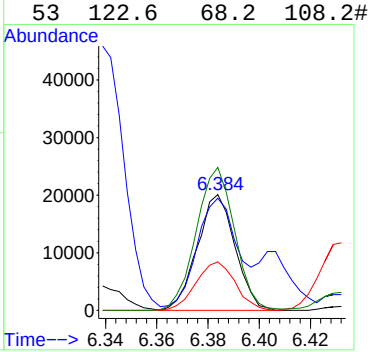


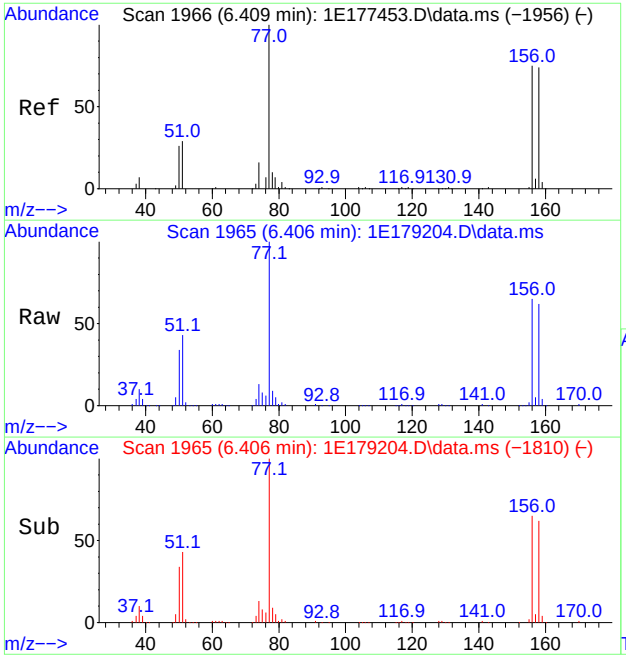


#94
cis-1,4-dichloro-2-butene
Concen: 24.1235 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 88 Resp: 20631

Ion	Ratio	Lower	Upper
88	100		
75	93.7	64.1	104.1
89	41.8	22.2	62.2
53	122.6	68.2	108.2#

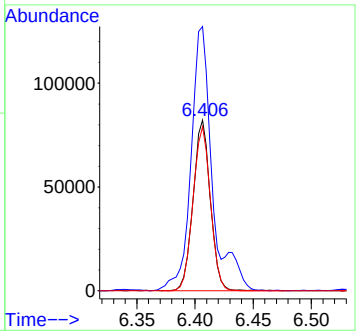


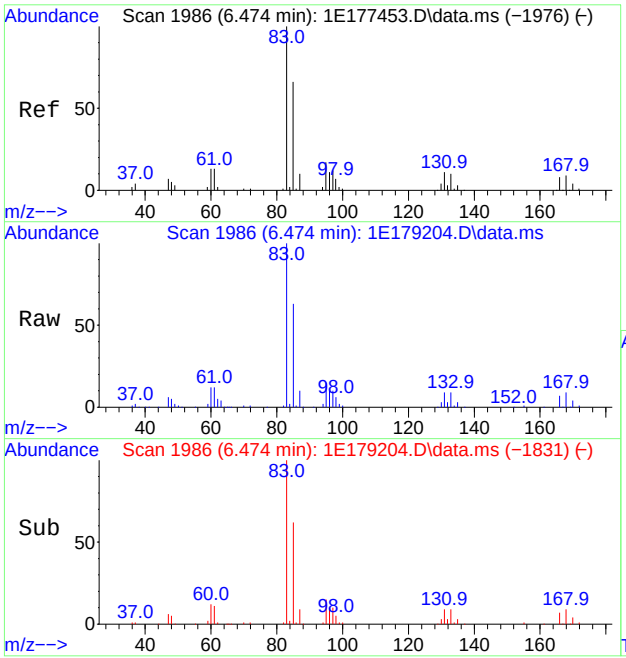


#97
bromobenzene
Concen: 53.2980 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:156 Resp: 84794

Ion	Ratio	Lower	Upper
156	100		
77	154.8	106.4	166.4
158	96.1	68.2	128.2

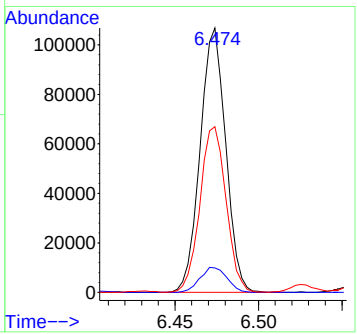


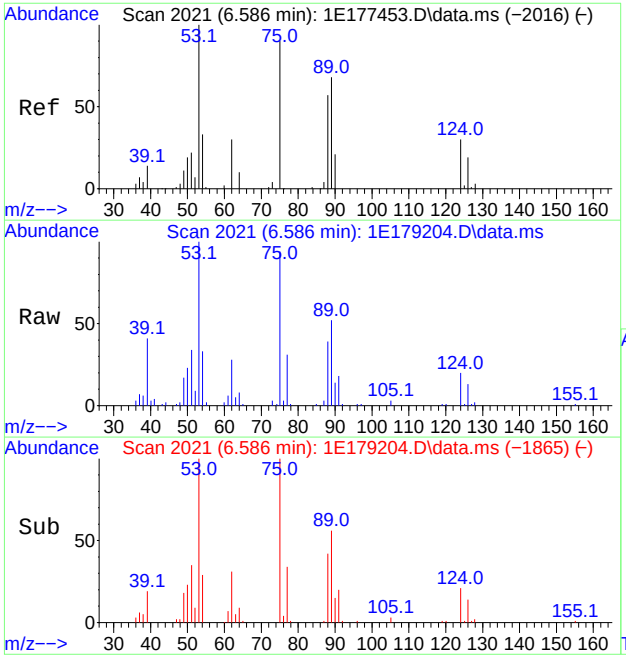


#98
1,1,2,2-tetrachloroethane
Concen: 59.4803 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 83 Resp: 113712

Ion	Ratio	Lower	Upper
83	100		
131	9.3	0.0	41.0
85	62.7	36.4	96.4

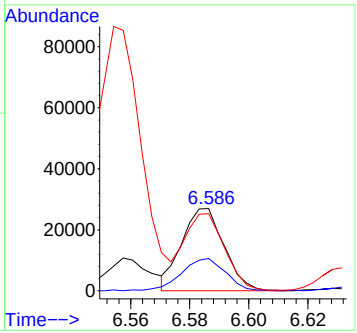


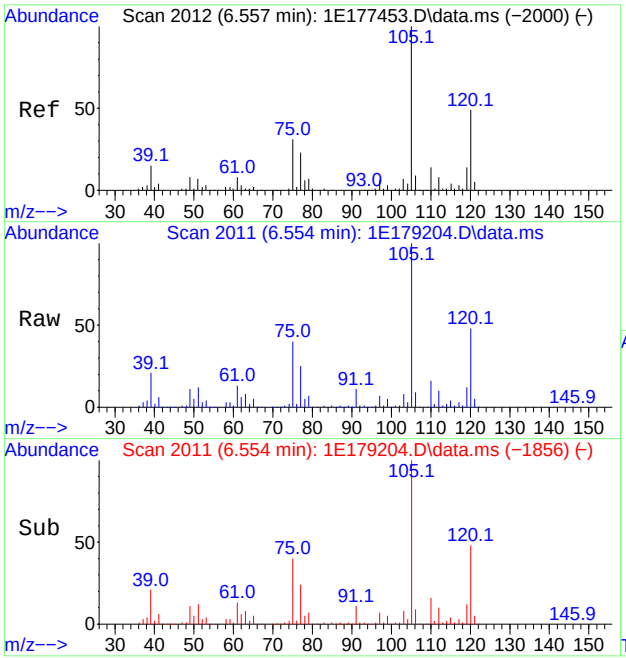


#99
trans-1,4-dichloro-2-butene
Concen: 40.8103 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 53 Resp: 26889

Ion	Ratio	Lower	Upper
53	100		
88	39.2	22.7	82.7
75	92.9	94.8	154.8#

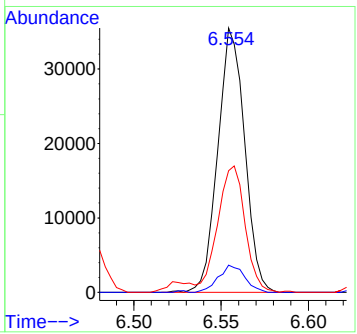


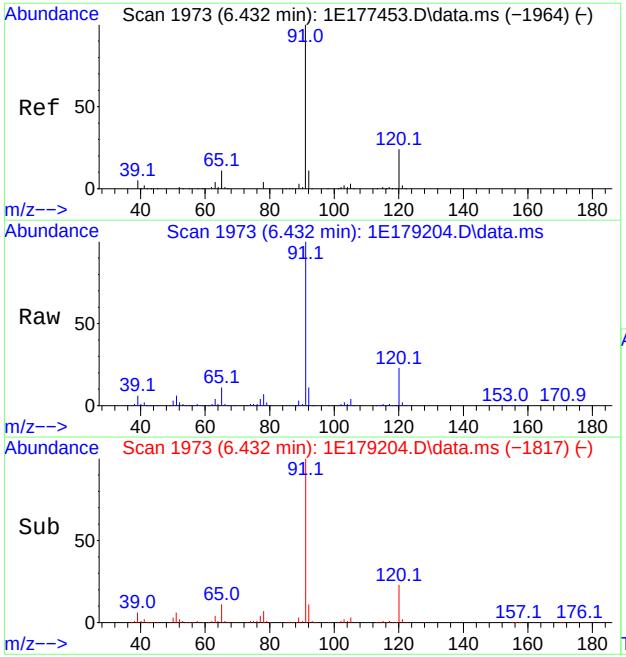


#100
1,2,3-trichloropropane
Concen: 53.9197 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:110 Resp: 38015

Ion	Ratio	Lower	Upper
110	100		
111	10.3	0.0	38.2
97	45.6	14.3	74.3

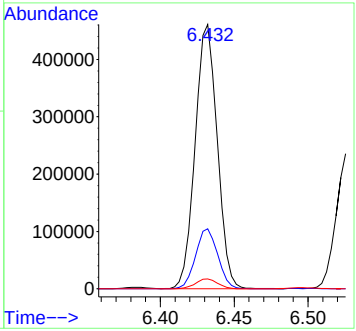


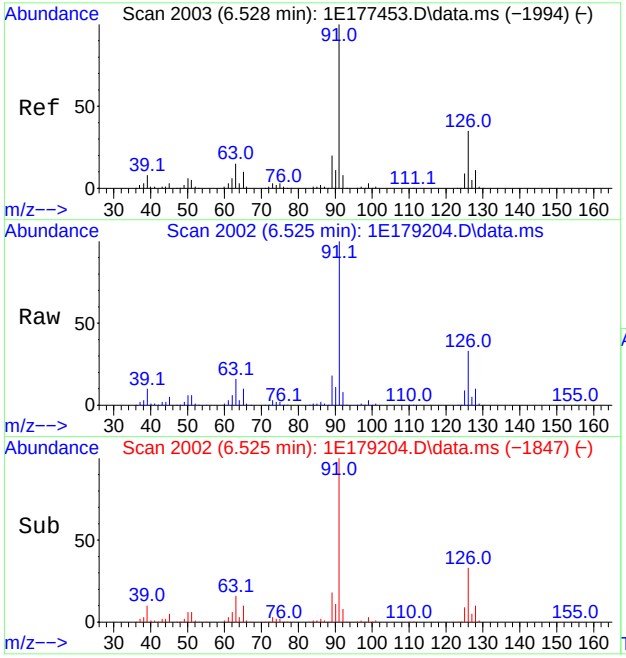


#101
n-propylbenzene
Concen: 67.8393 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 91 Resp: 478497

Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	53.6
105	3.6	0.0	33.5

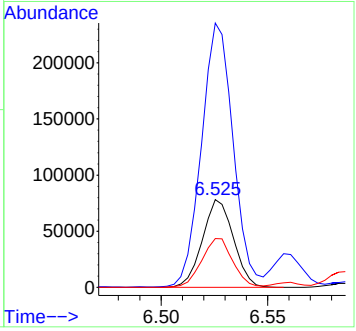


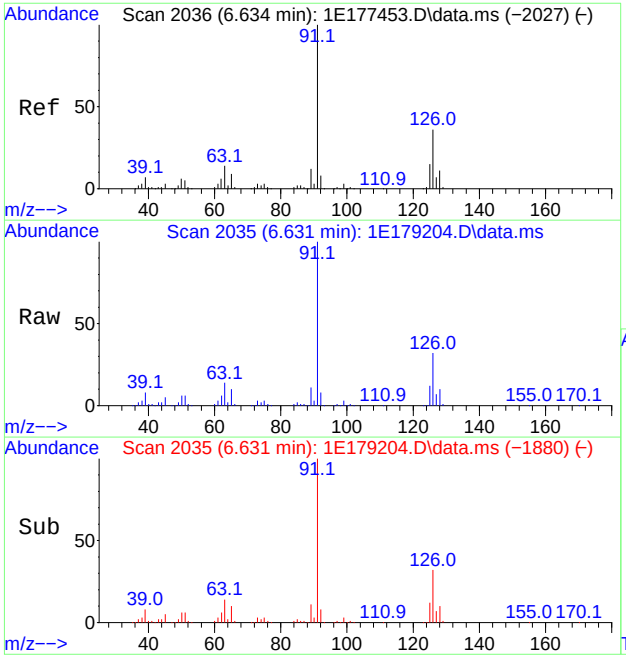


#102
2-chlorotoluene
Concen: 53.1014 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:126 Resp: 79270

Ion	Ratio	Lower	Upper
126	100		
91	301.0	257.7	317.7
89	55.6	26.9	86.9

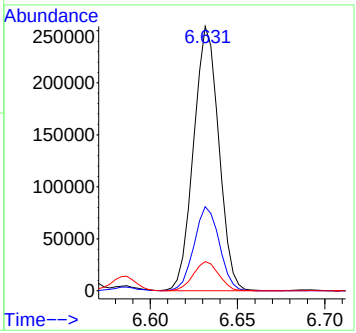


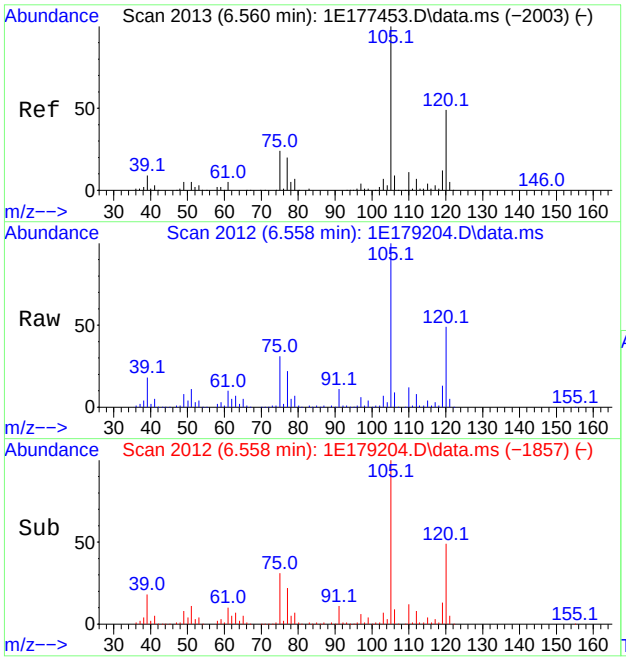


#103
4-chlorotoluene
Concen: 56.2672 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion: 91 Resp: 255063

Ion	Ratio	Lower	Upper
91	100		
126	31.8	5.7	65.7
89	11.0	0.0	41.7

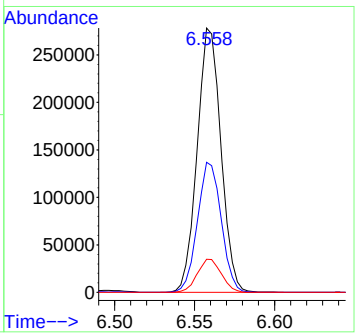


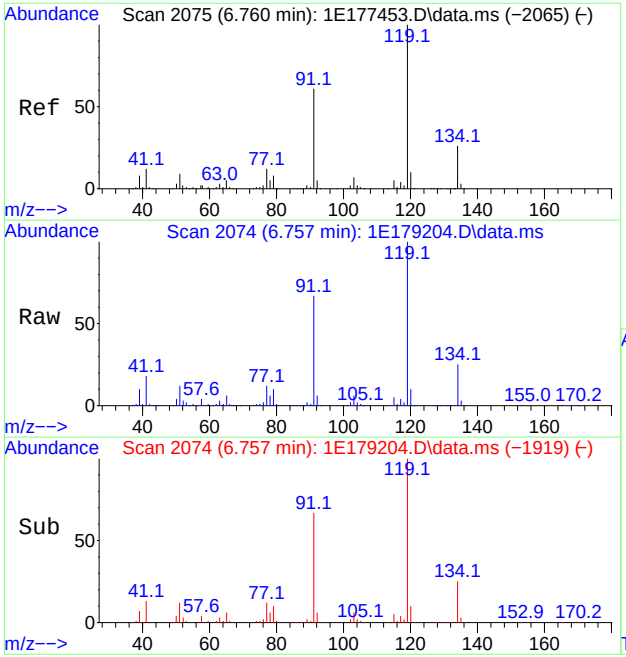


#104
1,3,5-trimethylbenzene
Concen: 56.2745 ug/L
RT: 6.558 min Scan# 2012
Delta R.T. -0.002 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:105 Resp: 287733

Ion	Ratio	Lower	Upper
105	100		
120	49.2	18.8	78.8
119	12.5	0.0	42.5

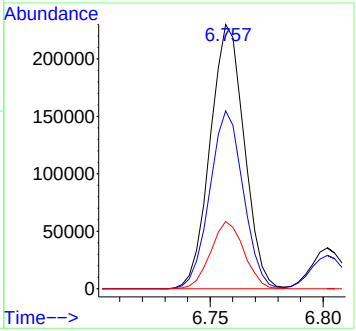


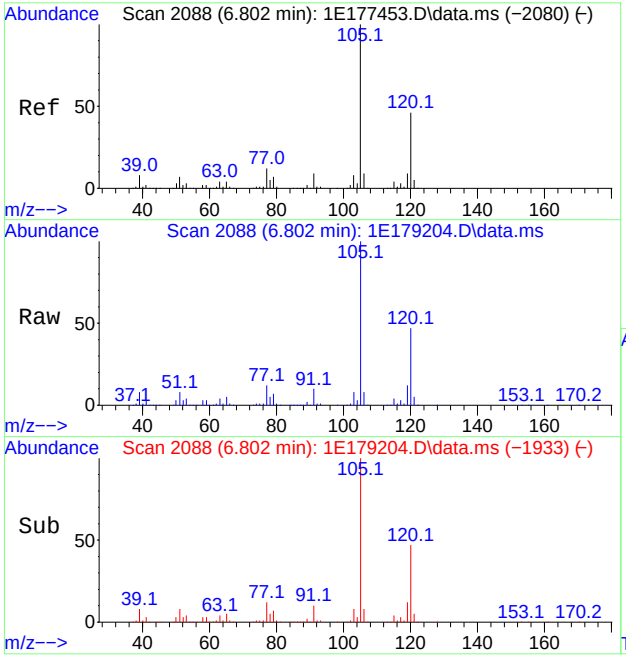


#105
tert-butylbenzene
Concen: 54.5621 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:119 Resp: 240274

Ion	Ratio	Lower	Upper
119	100		
91	67.3	30.8	90.8
134	25.5	0.0	55.6

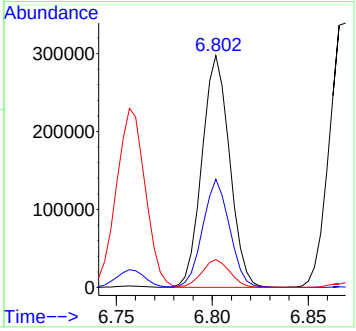


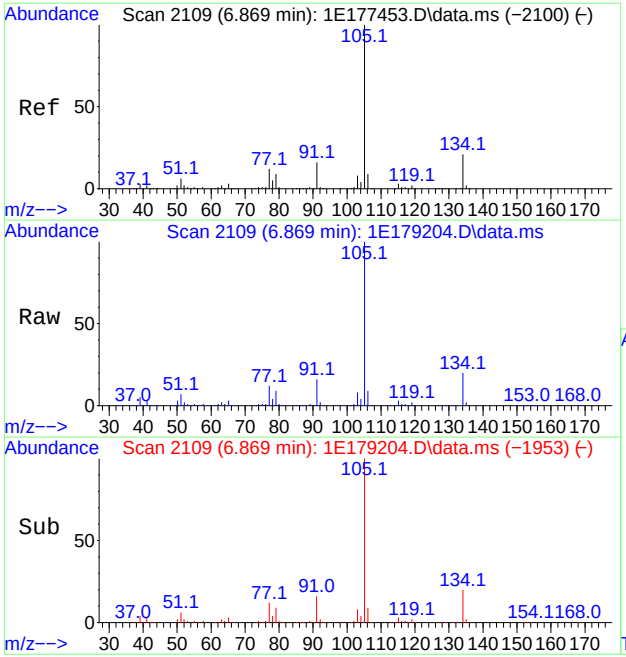


#106
1,2,4-trimethylbenzene
Concen: 56.5361 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:105 Resp: 297795

Ion	Ratio	Lower	Upper
105	100		
120	46.7	16.7	76.7
119	12.0	0.0	42.3

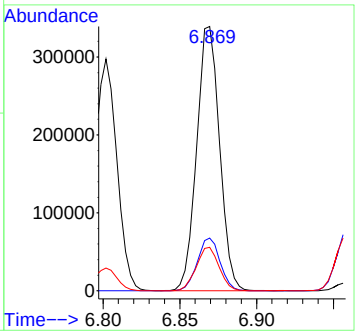


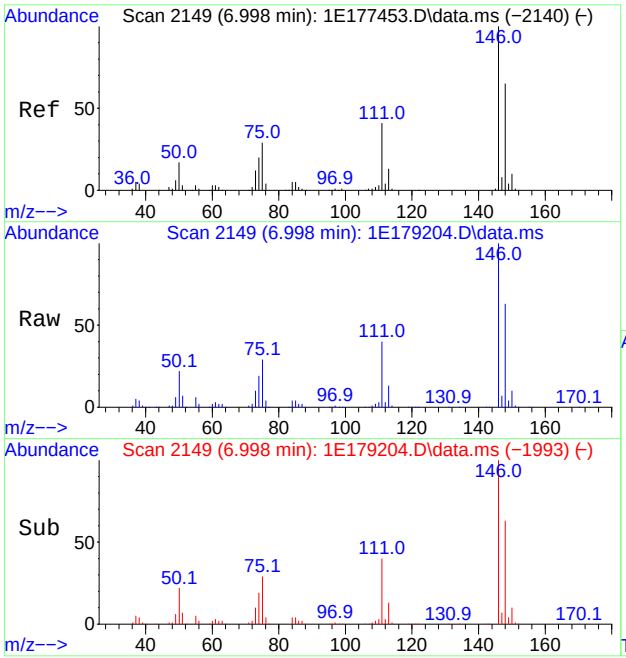


#107
sec-butylbenzene
Concen: 56.8593 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:105 Resp: 351958

Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	51.2
91	16.4	0.0	46.0

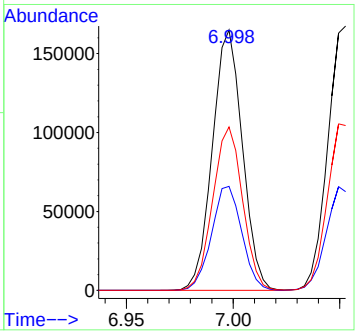


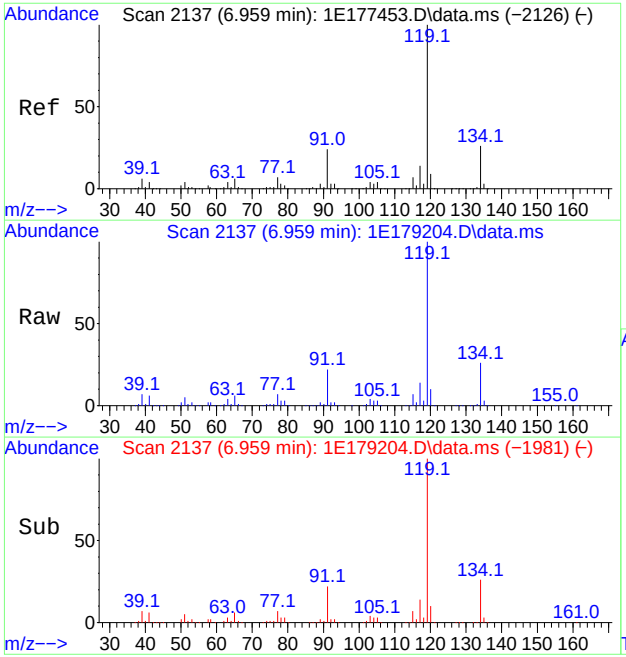


#108
1,3-dichlorobenzene
Concen: 53.0883 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:146 Resp: 161844

Ion	Ratio	Lower	Upper
146	100		
111	39.9	11.3	71.3
148	62.7	34.9	94.9

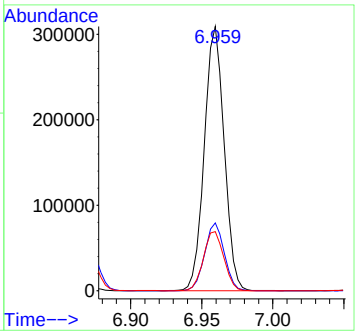


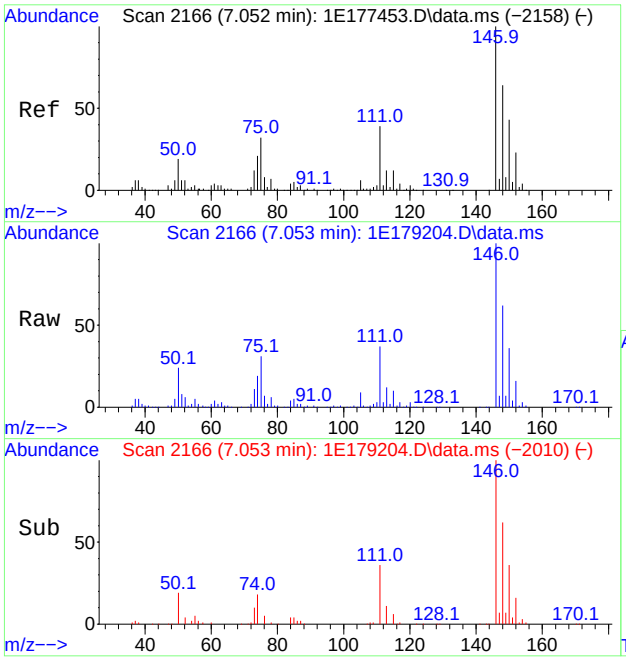


#109
p-isopropyltoluene
Concen: 56.8160 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:119 Resp: 299943

Ion	Ratio	Lower	Upper
119	100		
134	25.6	0.0	56.2
91	22.3	0.0	53.6

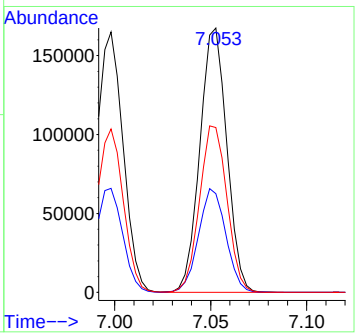


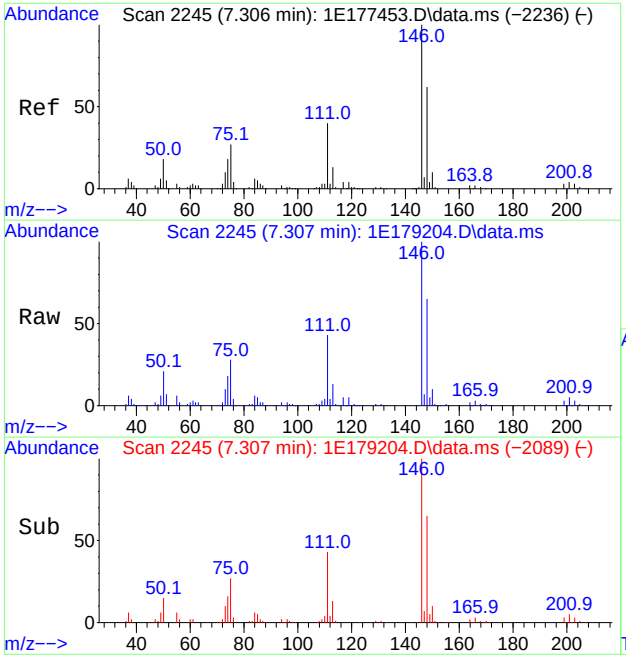


#110
1,4-dichlorobenzene
Concen: 50.5246 ug/L
RT: 7.053 min Scan# 2166
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:146 Resp: 164066

Ion	Ratio	Lower	Upper
146	100		
111	37.3	9.4	69.4
148	62.4	34.4	94.4

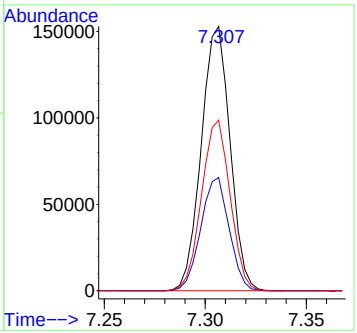


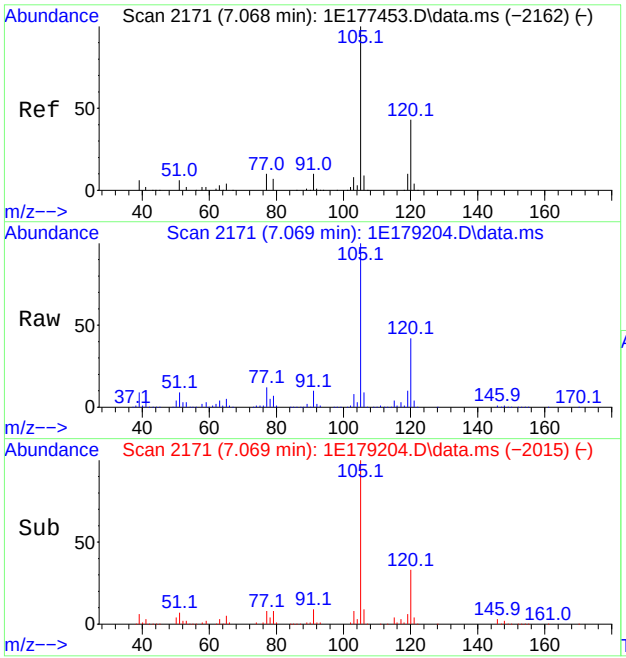


#111
1,2-dichlorobenzene
Concen: 49.9614 ug/L
RT: 7.307 min Scan# 2245
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:146 Resp: 151667

Ion	Ratio	Lower	Upper
146	100		
111	42.9	10.1	70.1
148	64.6	31.9	91.9

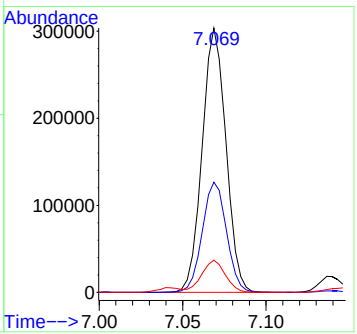


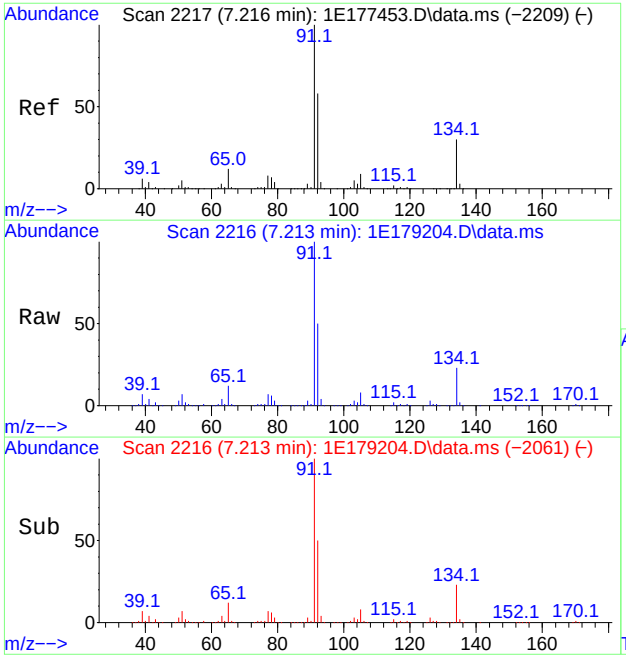


#112
1,2,3-trimethylbenzene
Concen: 55.3786 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:105 Resp: 300925

Ion	Ratio	Lower	Upper
105	100		
120	41.6	13.3	73.3
77	12.2	0.0	41.9

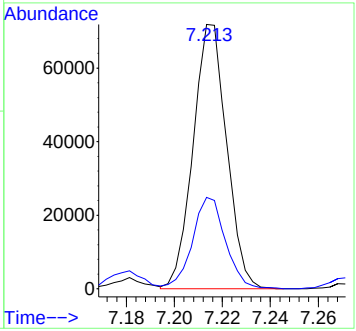


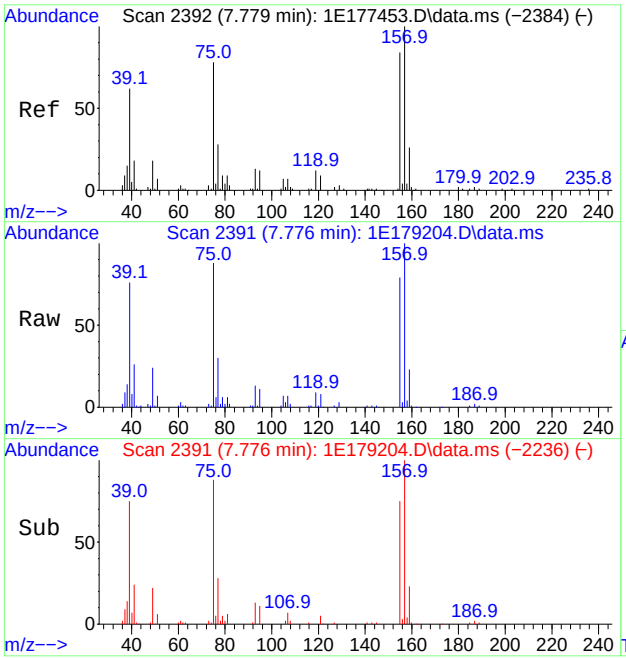


#113
n-butylbenzene
Concen: 55.1419 ug/L
RT: 7.213 min Scan# 2216
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:134 Resp: 69758

Ion	Ratio	Lower	Upper
134	100		
105	34.5	0.7	60.7

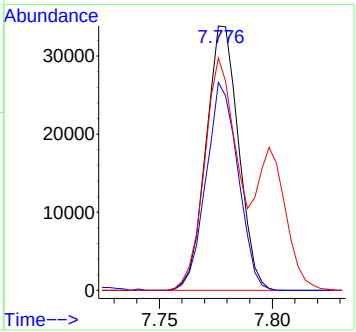


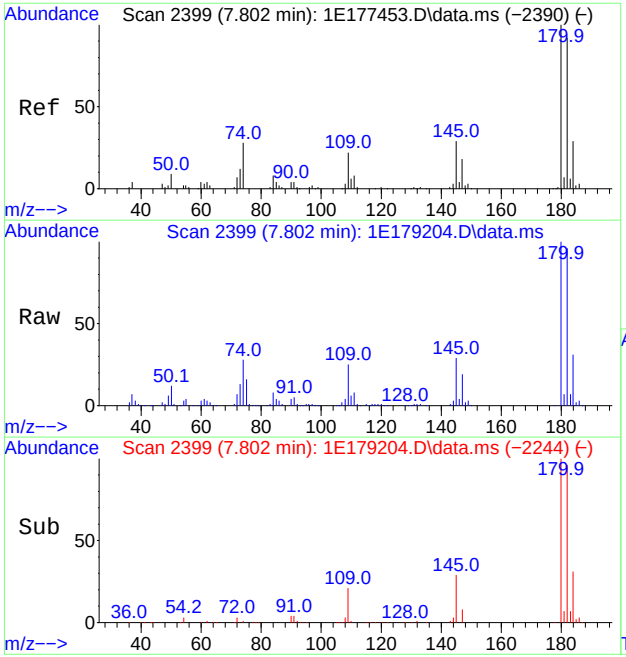


#114
1,2-dibromo-3-chloropropane
Concen: 51.0031 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:157 Resp: 33823

Ion	Ratio	Lower	Upper
157	100		
155	78.6	54.1	114.1
75	87.9	48.2	108.2

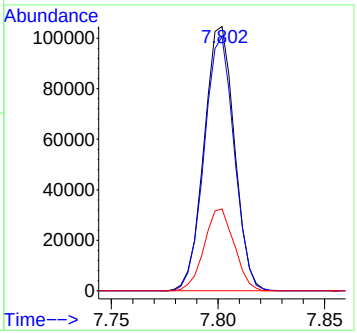


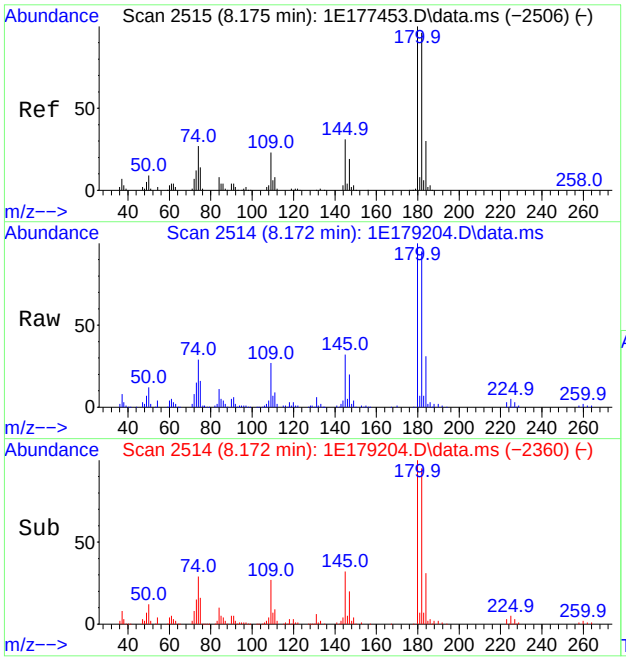


#115
1,3,5-trichlorobenzene
Concen: 50.0709 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:180 Resp: 103987

Ion	Ratio	Lower	Upper
180	100		
182	96.1	71.6	111.6
184	31.0	9.2	49.2

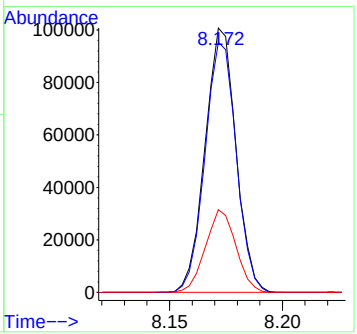


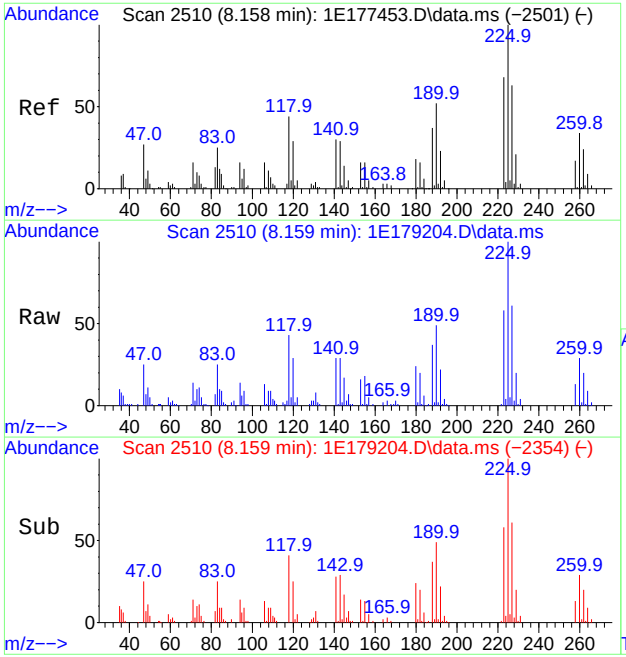


#116
1,2,4-trichlorobenzene
Concen: 48.8344 ug/L
RT: 8.172 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:180 Resp: 95618

Ion	Ratio	Lower	Upper
180	100		
182	94.5	65.8	125.8
184	31.3	0.0	59.9

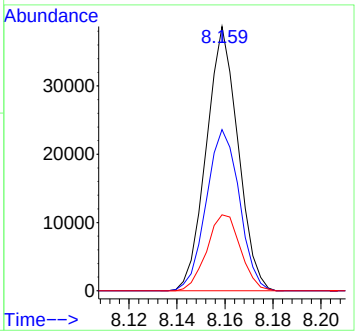


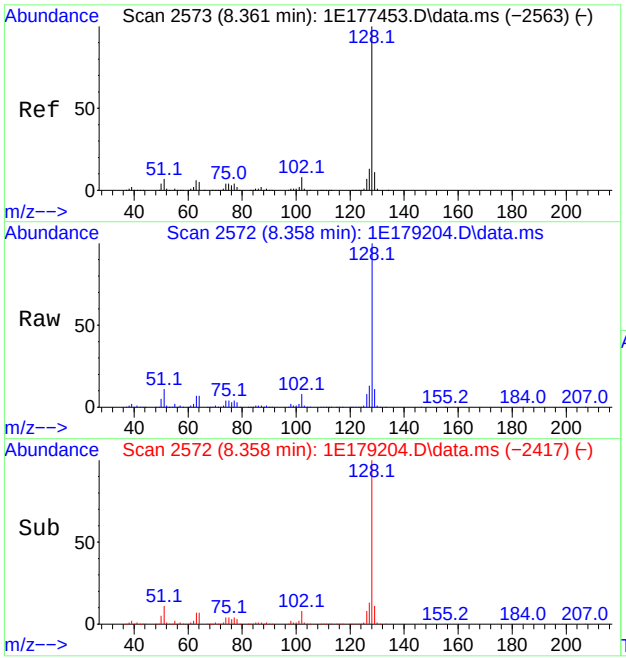


#117
hexachlorobutadiene
Concen: 50.4364 ug/L
RT: 8.159 min Scan# 2510
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:225 Resp: 35431

Ion	Ratio	Lower	Upper
225	100		
227	60.9	32.9	92.9
260	28.8	3.9	63.9

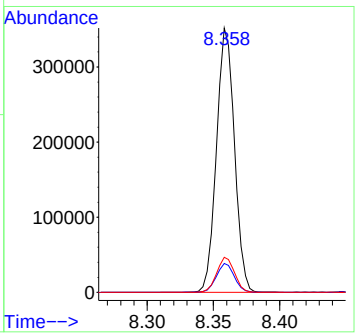


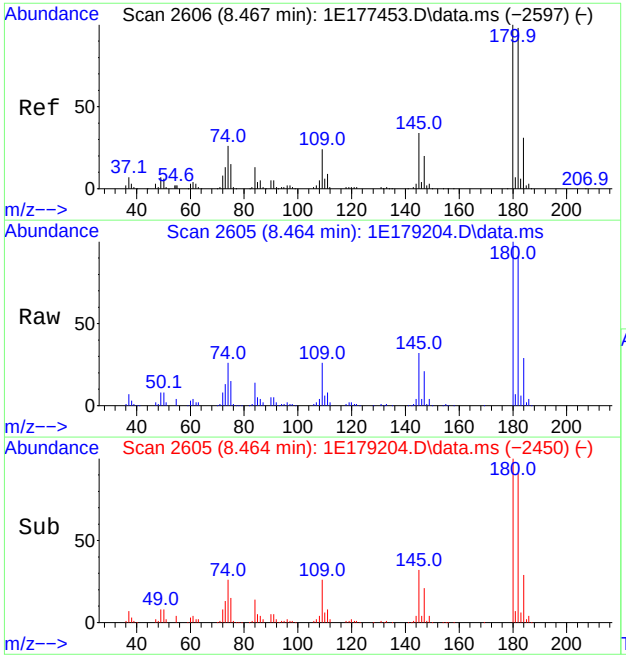


#118
naphthalene
Concen: 51.4954 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:128 Resp: 331745

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.8
127	13.3	0.0	42.7

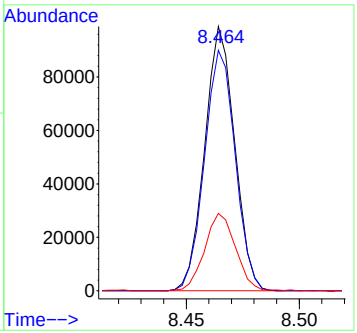


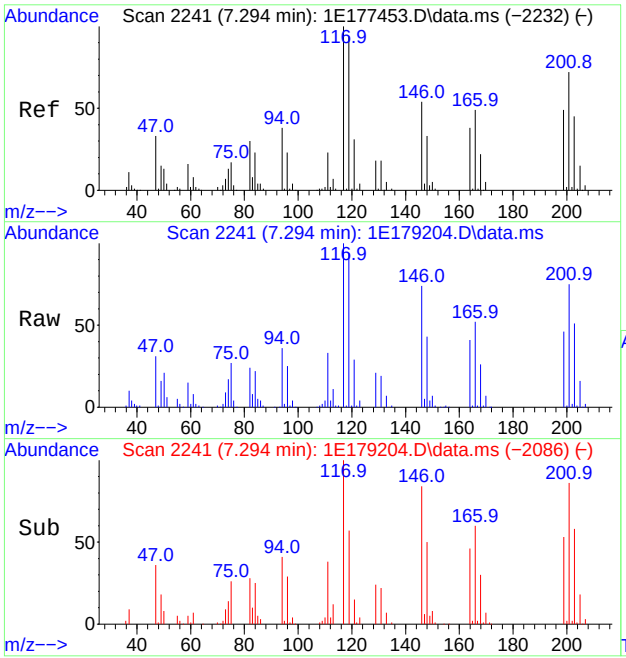


#119
1,2,3-trichlorobenzene
Concen: 49.0205 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:180 Resp: 91049

Ion	Ratio	Lower	Upper
180	100		
182	91.0	67.6	127.6
184	29.3	1.0	61.0

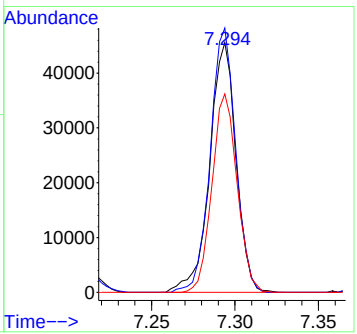


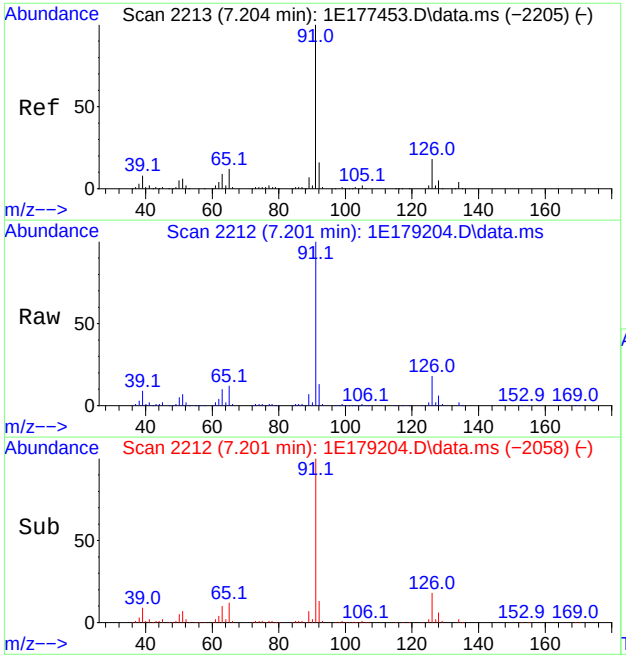


#120
hexachloroethane
Concen: 51.8196 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:119 Resp: 49855

Ion	Ratio	Lower	Upper
119	100		
117	105.9	75.9	135.9
201	79.4	46.7	106.7

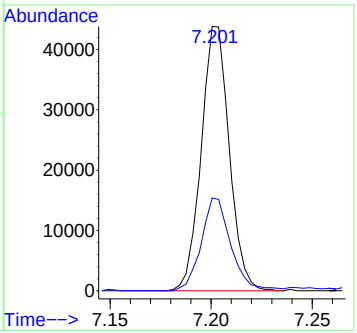


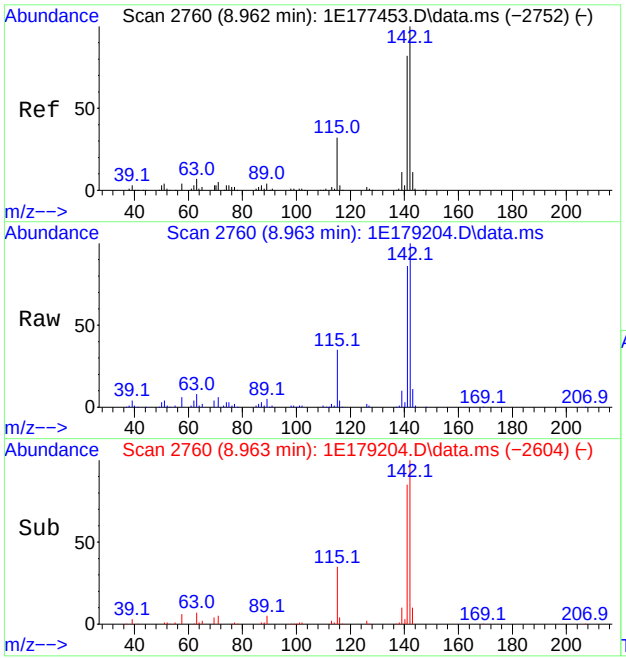


#121
benzyl chloride
Concen: 52.4327 ug/L
RT: 7.201 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:126 Resp: 42298

Ion	Ratio	Lower	Upper
126	100		
128	35.1	0.9	60.9

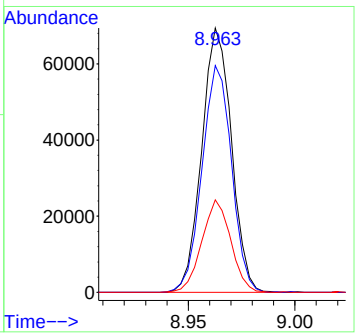




#122
2-methylnaphthalene
Concen: 24.0006 ug/L
RT: 8.963 min Scan# 2760
Delta R.T. 0.001 min
Lab File: 1E179204.D
Acq: 21 Dec 2023 03:34 pm

Tgt Ion:142 Resp: 67377

Ion	Ratio	Lower	Upper
142	100		
141	85.7	52.4	112.4
115	35.0	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179206.D
Acq On : 21 Dec 2023 04:01 pm
Operator : NICKW
Sample : jd79224-4msd Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 22 08:22:15 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.075	65	136511	500.00	ug/L	0.00
5) pentafluorobenzene	3.088	168	116646	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.423	114	226838	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	207168	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	108196	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.841	113	68804	44.17	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 88.34%			
51) 1,2-dichloroethane-d4 (s)	3.143	65	88314	56.70	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 113.40%			
73) toluene-d8 (s)	4.358	98	262024	50.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.18%			
96) 4-bromofluorobenzene (s)	6.339	95	104454	53.94	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 107.88%			
Target Compounds						Qvalue
2) ethanol	1.654	45	176483	11314.0847	ug/L	90
3) tertiary butyl alcohol	2.108	59	117997	279.3318	ug/L	90
4) 1,4-dioxane	3.921	88	28156	1513.6606	ug/L #	59
6) chlorodifluoromethane	1.082	51	126287	77.3943	ug/L	88
7) dichlorodifluoromethane	1.046	85	74279	36.8604	ug/L	99
8) chloromethane	1.165	50	83612	70.9736	ug/L	96
9) vinyl chloride	1.188	62	84868	59.3170	ug/L	96
10) 1,3-butadiene	1.198	39	123555	100.5154	ug/L	94
11) bromomethane	1.345	96	20226	46.2093	ug/L #	95
12) chloroethane	1.403	64	48873	54.1567	ug/L	96
13) trichlorofluoromethane	1.471	101	99858	42.9606	ug/L	96
14) ethyl ether	1.603	74	40209	52.6932	ug/L #	62
15) acrolein	1.850	56	27723	87.8778	ug/L	98
16) freon 113	1.715	151	49026	47.8232	ug/L	98
17) 1,1-dichloroethene	1.702	61	110231	60.5686	ug/L	91
18) acetone	1.979	58	60194	170.4300	ug/L	97
19) acetonitrile	2.201	41	229566	1173.8119	ug/L	99
21) carbon disulfide	1.731	76	170805	51.7697	ug/L	98
22) methylene chloride	1.963	84	65038	48.0147	ug/L #	65
23) methyl acetate	2.030	74	17970	50.9994	ug/L #	1
24) methyl tert butyl ether	2.082	73	243688	56.8149	ug/L	72
25) trans-1,2-dichloroethene	2.040	61	112256	62.7095	ug/L	84
26) hexane	2.072	57	229904	76.3785	ug/L	96
27) di-isopropyl ether	2.255	45	359128	82.9546	ug/L	87
28) ethyl tert-butyl ether	2.436	59	308643	66.4219	ug/L	89
29) 2-butanone	2.899	72	71993	185.8602	ug/L #	38
30) 1,1-dichloroethane	2.333	63	155952	62.3907	ug/L	95
31) chloroprene	2.323	53	157107	72.1868	ug/L	82
32) acrylonitrile	2.352	52	55224	89.4288	ug/L	98
33) vinyl acetate	2.439	86	21694	72.6838	ug/L #	26
34) ethyl acetate	2.789	70	17365	75.9647	ug/L #	55
35) 2,2-dichloropropane	2.664	77	104954	49.9983	ug/L	100
36) cis-1,2-dichloroethene	2.603	96	80956	51.8530	ug/L #	78
37) propionitrile	3.072	54	302327	913.7744	ug/L	94
38) methyl acrylate	2.799	85	19589	54.8035	ug/L #	15
39) bromochloromethane	2.712	128	36641	45.7742	ug/L #	59
40) tetrahydrofuran	2.828	71	18141	60.7526	ug/L #	50
41) chloroform	2.738	47	42882	55.9191	ug/L	91
43) methacrylonitrile	3.085	67	49691	56.7327	ug/L #	59
44) 1,1,1-trichloroethane	2.863	97	118903	48.7675	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179206.D
Acq On : 21 Dec 2023 04:01 pm
Operator : NICKW
Sample : jd79224-4msd Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 22 08:22:15 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.722	84	112967	53.6404	ug/L	#	56
46) 1,1-dichloropropene	2.931	75	105674	54.8821	ug/L		99
47) carbon tetrachloride	2.831	117	102784	45.0404	ug/L		96
48) isobutyl alcohol	3.153	43	92612	1025.4675	ug/L		95
49) tert-amyl alcohol	3.220	55	57669	572.5504	ug/L	#	56
52) iso-octane	2.985	57	343498	80.9094	ug/L		97
53) benzene	3.069	78	338006	65.3903	ug/L		85
54) tert-amyl methyl ether	3.124	73	228374	53.4417	ug/L		86
55) heptane	3.034	57	67291	84.7239	ug/L		80
56) isopropyl acetate	3.307	87	25487	54.6602	ug/L	#	15
57) 1,2-dichloroethane	3.185	62	120499	57.0926	ug/L		99
58) n-butyl alcohol	3.587	56	301204	5805.5544	ug/L		97
59) ethyl acrylate	3.738	55	192249	78.5809	ug/L		94
60) trichloroethene	3.413	130	80024	50.4402	ug/L		98
61) 2-nitropropane	4.564	41	44749	57.1752	ug/L	#	58
62) 2-chloroethyl vinyl ether	4.165	63	15868	18.1188	ug/L		94
63) methyl methacrylate	3.876	100	29209	54.0013	ug/L	#	68
64) 1,2-dichloropropane	3.744	63	91704	67.4499	ug/L		89
65) methylcyclohexane	3.416	98	64861	57.6544	ug/L	#	72
66) dibromomethane	3.680	93	50642	50.3417	ug/L		99
67) bromodichloromethane	3.780	83	104656	52.4724	ug/L		98
68) epichlorohydrin	4.394	57	104373	430.7470	ug/L		97
69) cis-1,3-dichloropropene	4.220	75	125660	53.6872	ug/L		92
70) 4-methyl-2-pentanone	4.677	58	259628	321.1208	ug/L		86
71) 3-methyl-1-butanol	4.513	70	88838	1492.2671	ug/L	#	58
74) toluene	4.397	92	192423	56.1017	ug/L		96
75) ethyl methacrylate	4.834	69	111406	54.9410	ug/L		86
76) trans-1,3-dichloropropene	4.709	75	118774	52.8883	ug/L		98
77) 1,1,2-trichloroethane	4.834	83	61974	52.1031	ug/L		97
78) tetrachloroethene	4.693	166	79120	48.7574	ug/L		97
79) 2-hexanone	5.313	58	277632	280.7907	ug/L		90
80) 1,3-dichloropropane	5.043	76	127645	55.1946	ug/L		98
81) butyl acetate	5.252	56	94029	79.3462	ug/L		93
82) dibromochloromethane	4.969	129	79982	45.1327	ug/L		99
83) 1,2-dibromoethane	5.149	107	79088	51.2188	ug/L		96
84) n-butyl ether	5.477	57	437848	77.4969	ug/L		94
85) chlorobenzene	5.529	112	205404	51.2599	ug/L		94
86) 1,1,1,2-tetrachloroethane	5.577	131	75279	48.4799	ug/L		99
87) ethylbenzene	5.554	91	360768	54.6304	ug/L		97
88) m,p-xylene	5.657	106	277920	107.2740	ug/L		95
89) o-xylene	5.950	106	134640	52.4988	ug/L		97
90) styrene	5.985	104	228043	53.1412	ug/L		99
91) bromoform	5.995	173	54295	41.9294	ug/L		96
92) butyl acrylate	6.075	55	232905	73.2124	ug/L		92
93) isopropylbenzene	6.162	105	347361	55.8507	ug/L		98
94) cis-1,4-dichloro-2-butene	6.384	88	23202	26.5700	ug/L	#	85
97) bromobenzene	6.406	156	85606	51.8469	ug/L		89
98) 1,1,2,2-tetrachloroethane	6.471	83	114321	57.6190	ug/L		96
99) trans-1,4-dichloro-2-b...	6.583	53	29605	43.2945	ug/L	#	72
100) 1,2,3-trichloropropane	6.554	110	38614	52.7729	ug/L		96
101) n-propylbenzene	6.432	91	482879	65.9650	ug/L		99
102) 2-chlorotoluene	6.525	126	79823	51.5226	ug/L		91
103) 4-chlorotoluene	6.632	91	259517	55.1629	ug/L		94
104) 1,3,5-trimethylbenzene	6.558	105	293108	55.2361	ug/L		100
105) tert-butylbenzene	6.757	119	244526	53.5035	ug/L		94
106) 1,2,4-trimethylbenzene	6.802	105	300566	54.9821	ug/L		98
107) sec-butylbenzene	6.869	105	351864	54.7720	ug/L		98
108) 1,3-dichlorobenzene	6.998	146	163723	51.7470	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179206.D
Acq On : 21 Dec 2023 04:01 pm
Operator : NICKW
Sample : jd79224-4msd Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 22 08:22:15 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

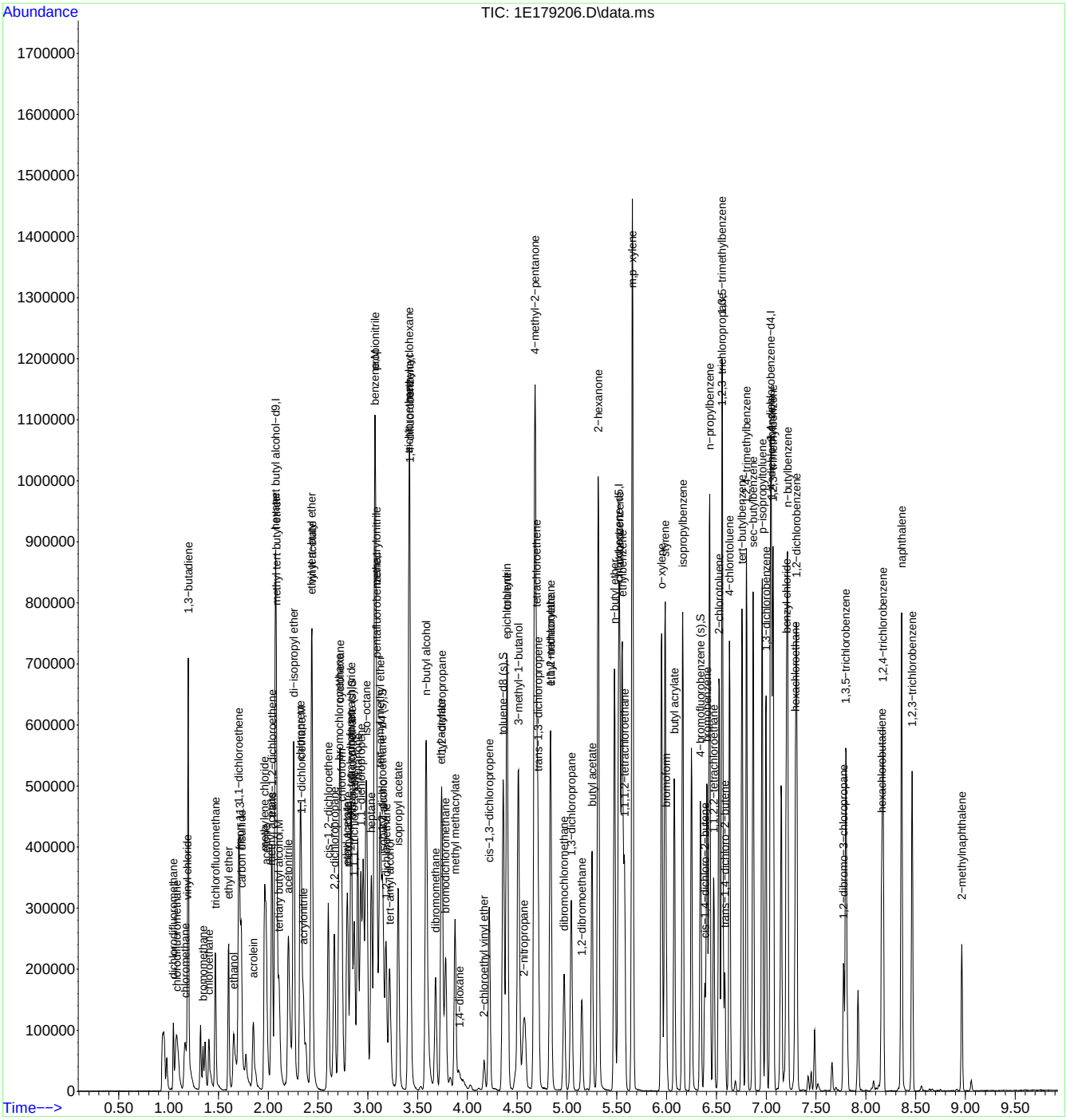
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.960	119	304618	55.5982	ug/L	99
110) 1,4-dichlorobenzene	7.053	146	163765	48.5936	ug/L	98
111) 1,2-dichlorobenzene	7.304	146	157070	49.8551	ug/L	98
112) 1,2,3-trimethylbenzene	7.069	105	305742	54.2140	ug/L	97
113) n-butylbenzene	7.214	134	69929	53.2621	ug/L	97
114) 1,2-dibromo-3-chloropr...	7.776	157	34036	49.4534	ug/L	92
115) 1,3,5-trichlorobenzene	7.799	180	105428	48.9142	ug/L	99
116) 1,2,4-trichlorobenzene	8.172	180	98085	48.2683	ug/L	100
117) hexachlorobutadiene	8.159	225	35686	48.9477	ug/L	94
118) naphthalene	8.358	128	336556	50.3379	ug/L	100
119) 1,2,3-trichlorobenzene	8.464	180	92261	47.8623	ug/L	97
120) hexachloroethane	7.294	119	50997	51.0744	ug/L	99
121) benzyl chloride	7.204	126	42307	50.5321	ug/L	99
122) 2-methylnaphthalene	8.963	142	66870	22.9518	ug/L	99

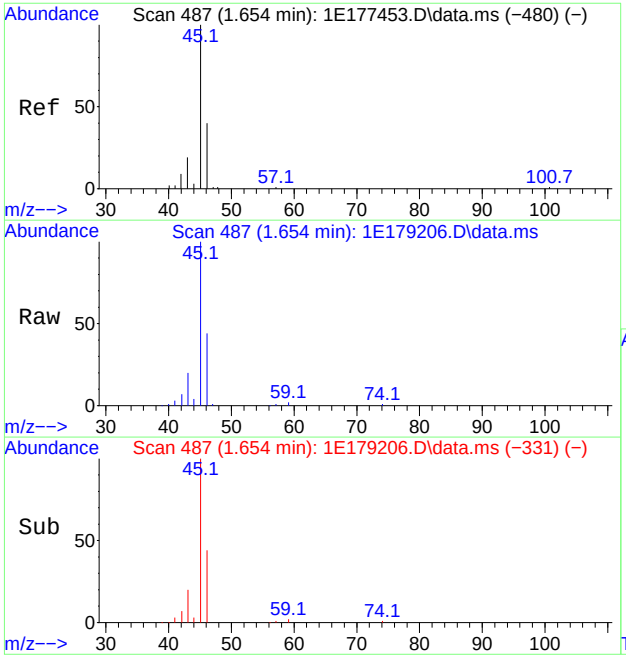
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kenrickb\12-22-2023\v1e8774\
Data File : 1E179206.D
Acq On : 21 Dec 2023 04:01 pm
Operator : NICKW
Sample : jd79224-4msd Inst : GCMS-E
Misc : MS76361,V1E8774,5,,,,10
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 22 08:22:15 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

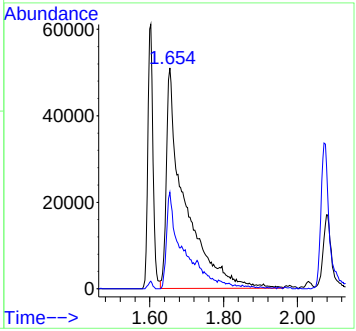


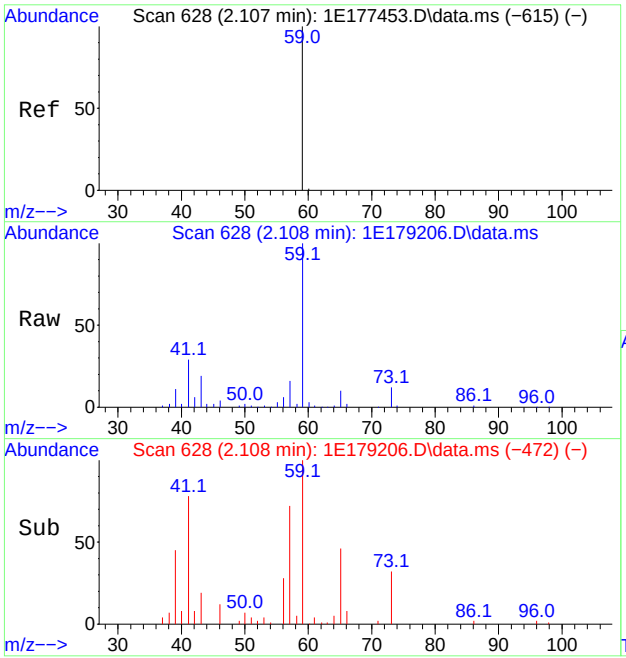


#2
ethanol
Concen: 11314.0847 ug/L
RT: 1.654 min Scan# 487
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 45 Resp: 176483

Ion	Ratio	Lower	Upper
45	100		
46	44.0	18.1	58.1

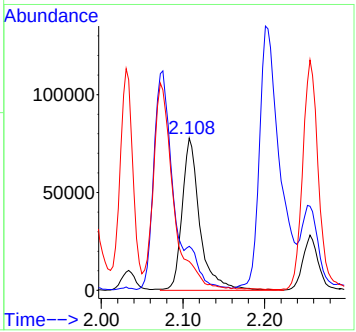


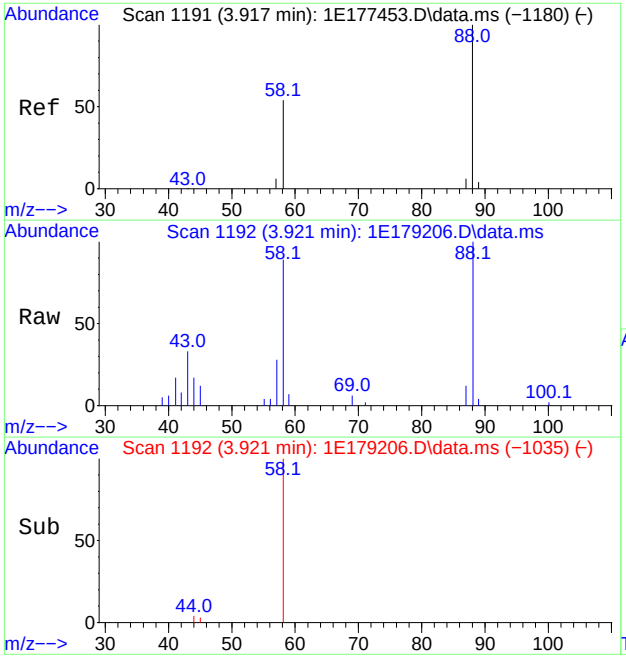


#3
tertiary butyl alcohol
Concen: 279.3318 ug/L
RT: 2.108 min Scan# 628
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 59 Resp: 117997

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	18.0	0.0	52.8

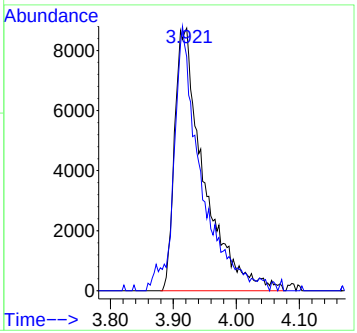


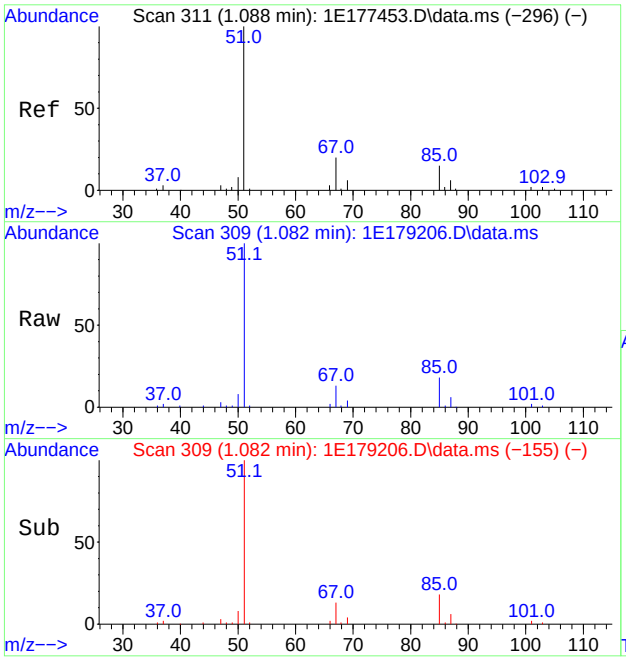


#4
1,4-dioxane
Concen: 1513.6606 ug/L
RT: 3.921 min Scan# 1192
Delta R.T. 0.004 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 88 Resp: 28156

Ion	Ratio	Lower	Upper
88	100		
58	89.2	38.3	78.3#

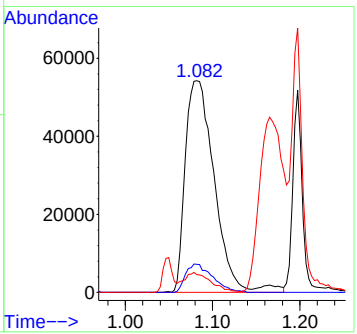


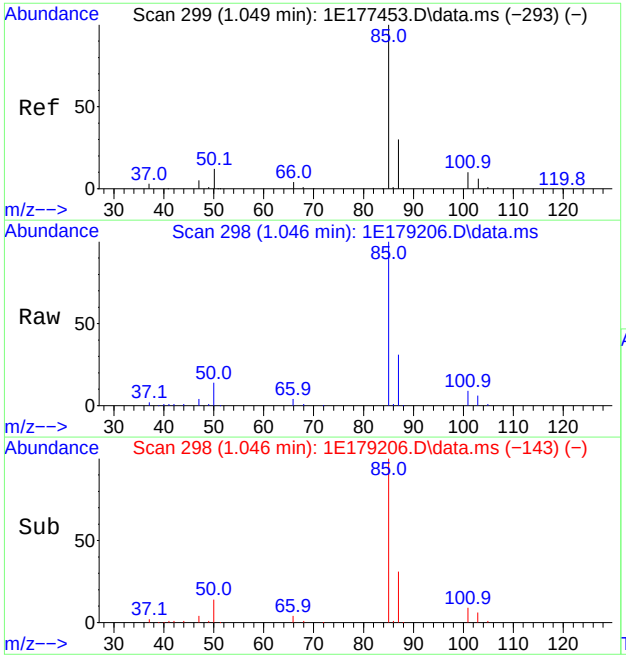


#6
chlorodifluoromethane
Concen: 77.3943 ug/L
RT: 1.082 min Scan# 309
Delta R.T. -0.006 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 51 Resp: 126287

Ion	Ratio	Lower	Upper
51	100		
67	13.3	0.0	49.5
50	5.7	0.0	38.4

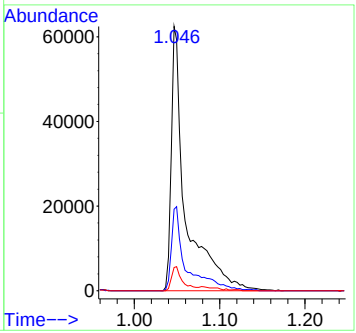


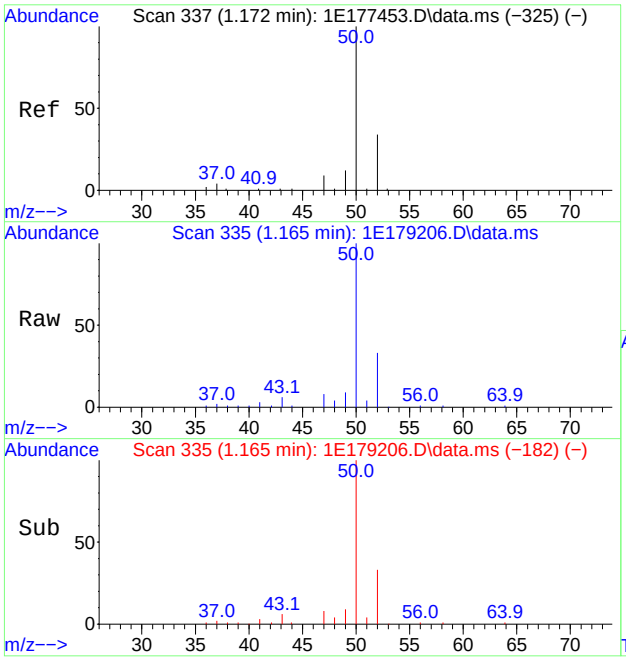


#7
dichlorodifluoromethane
Concen: 36.8604 ug/L
RT: 1.046 min Scan# 298
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 85 Resp: 74279

Ion	Ratio	Lower	Upper
85	100		
87	30.9	0.4	60.4
101	8.8	0.0	39.9

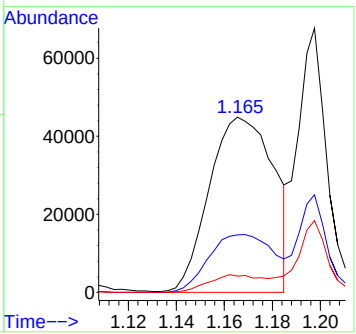


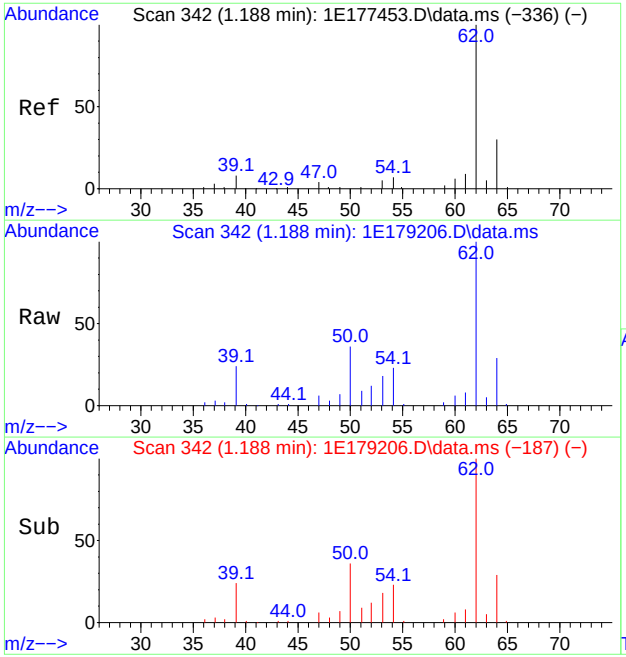


#8
chloromethane
Concen: 70.9736 ug/L
RT: 1.165 min Scan# 335
Delta R.T. -0.007 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 50 Resp: 83612

Ion	Ratio	Lower	Upper
50	100		
52	32.9	4.4	64.4
49	9.3	0.0	42.1

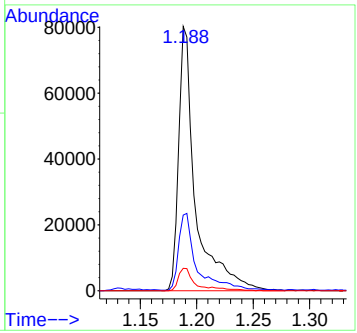


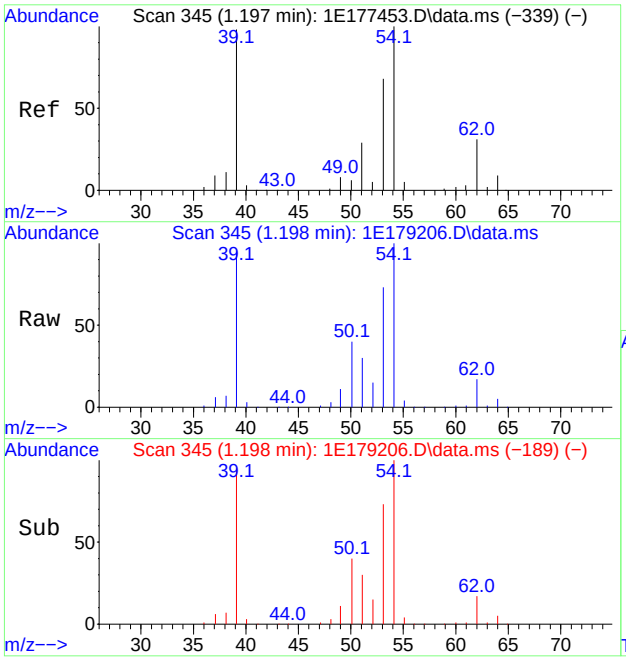


#9
vinyl chloride
Concen: 59.3170 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 62 Resp: 84868

Ion	Ratio	Lower	Upper
62	100		
64	28.4	0.7	60.7
61	8.5	0.0	39.5

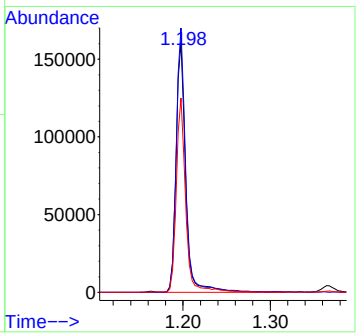


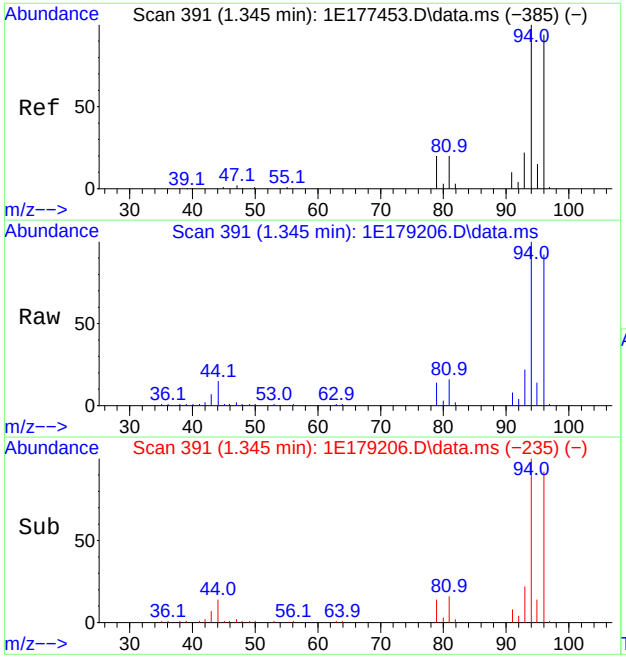


#10
1,3-butadiene
Concen: 100.5154 ug/L
RT: 1.198 min Scan# 345
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 39 Resp: 123555

Ion	Ratio	Lower	Upper
39	100		
54	105.8	72.3	132.3
53	77.6	39.8	99.8

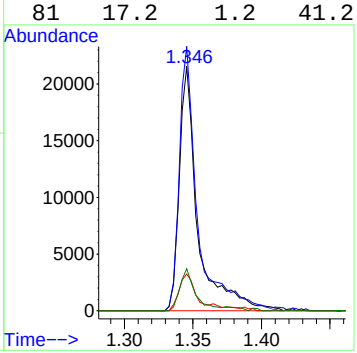


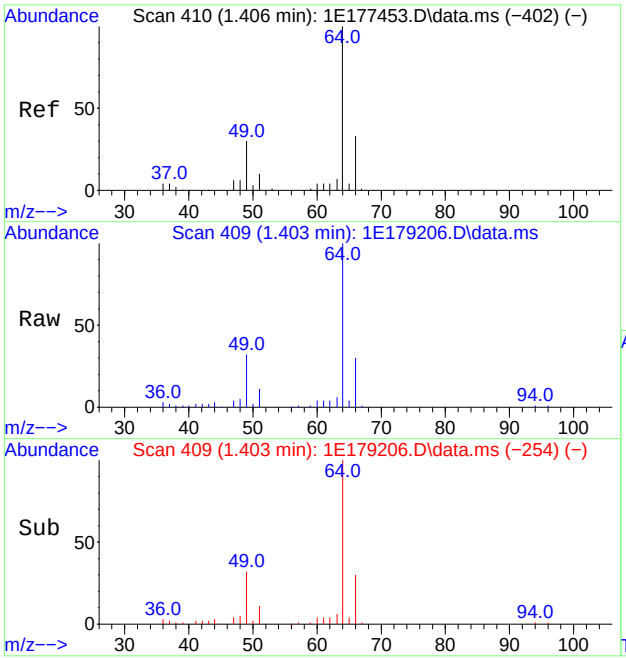


#11
bromomethane
Concen: 46.2093 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 96 Resp: 20226

Ion	Ratio	Lower	Upper
96	100		
94	108.2	76.0	136.0
79	15.0	20.8	20.8#
81	17.2	1.2	41.2

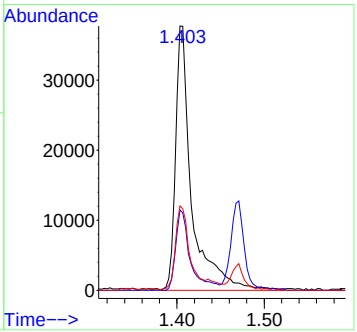


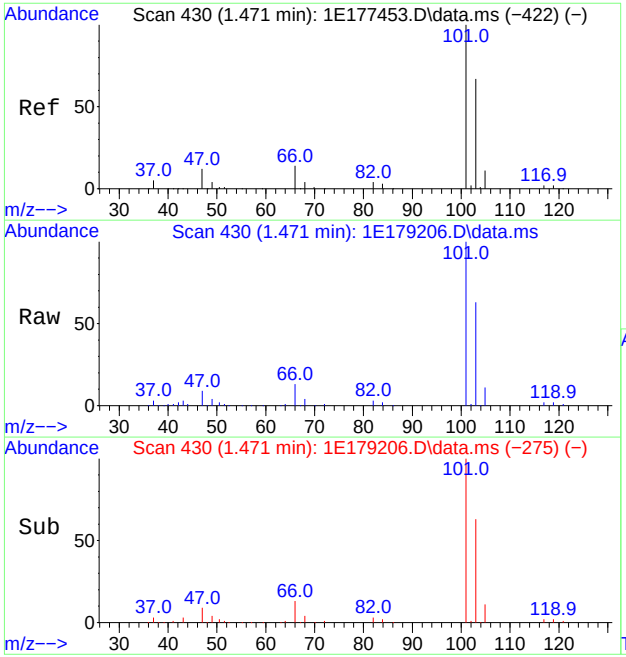


#12
chloroethane
Concen: 54.1567 ug/L
RT: 1.403 min Scan# 409
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 64 Resp: 48873

Ion	Ratio	Lower	Upper
64	100		
66	30.4	3.1	63.1
49	31.9	0.1	60.1

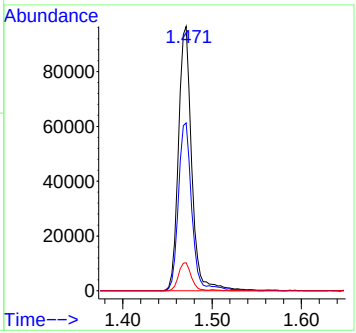


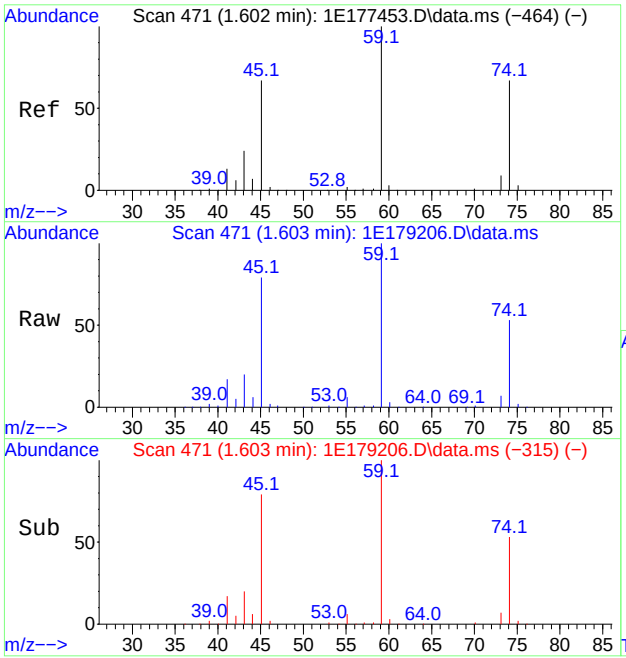


#13
trichlorofluoromethane
Concen: 42.9606 ug/L
RT: 1.471 min Scan# 430
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:101 Resp: 99858

Ion	Ratio	Lower	Upper
101	100		
103	63.5	37.1	97.1
105	10.6	0.0	40.8

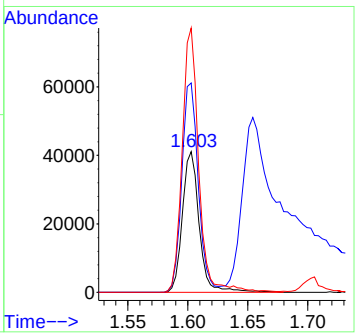


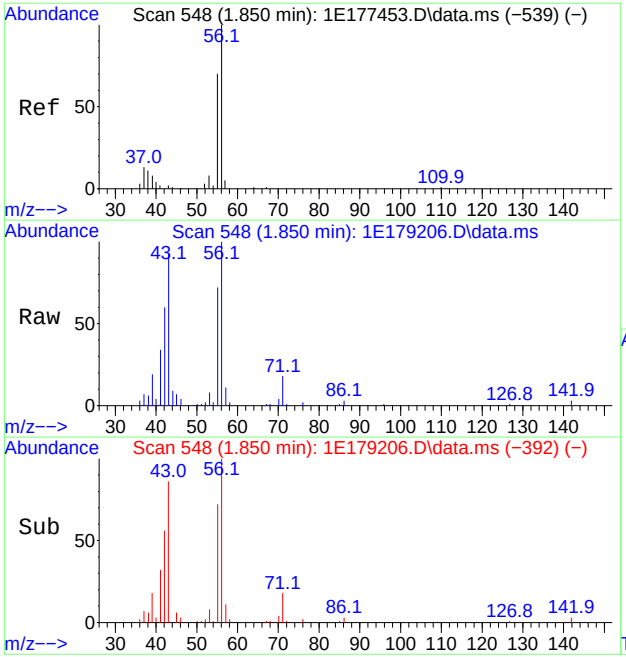


#14
ethyl ether
Concen: 52.6932 ug/L
RT: 1.603 min Scan# 471
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 74 Resp: 40209

Ion	Ratio	Lower	Upper
74	100		
45	148.8	69.1	129.1#
59	187.9	118.9	178.9#

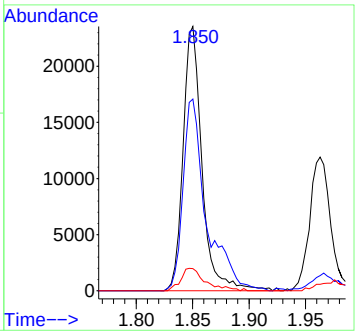


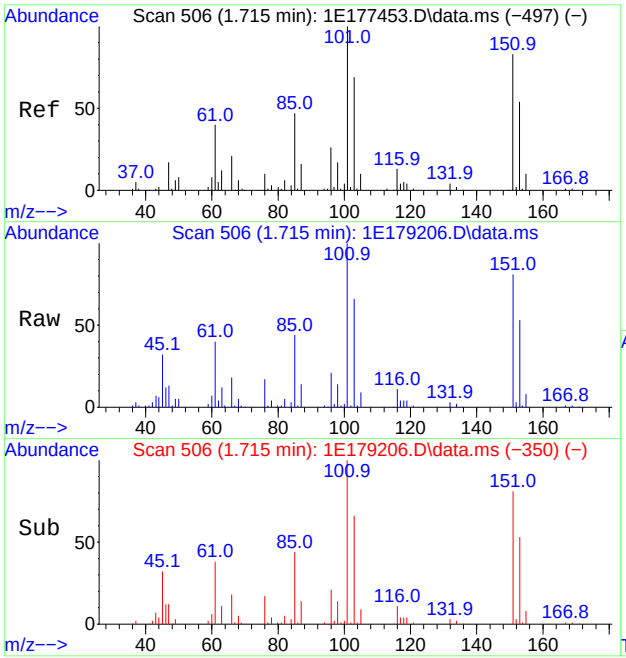


#15
acrolein
Concen: 87.8778 ug/L
RT: 1.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 56 Resp: 27723

Ion	Ratio	Lower	Upper
56	100		
55	72.5	40.4	100.4
53	8.4	0.0	38.2

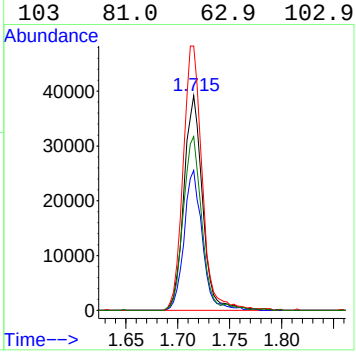


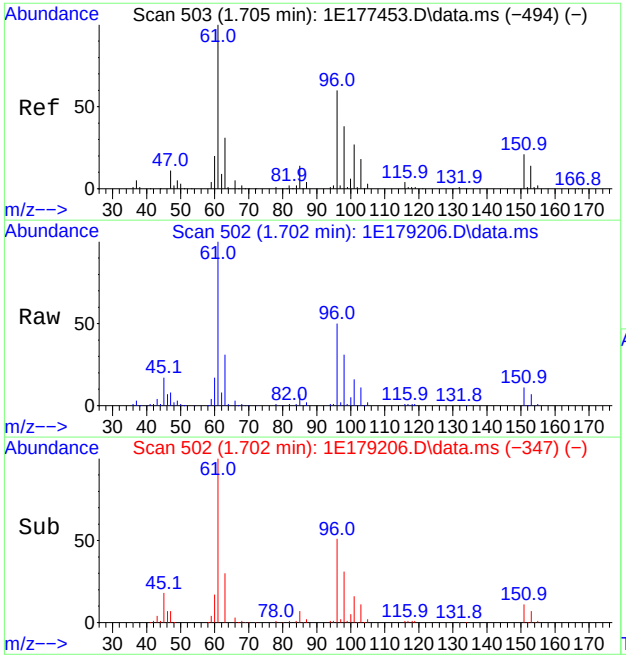


#16
freon 113
Concen: 47.8232 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:151 Resp: 49026

Ion	Ratio	Lower	Upper
151	100		
153	65.2	44.6	84.6
101	123.1	100.2	140.2
103	81.0	62.9	102.9

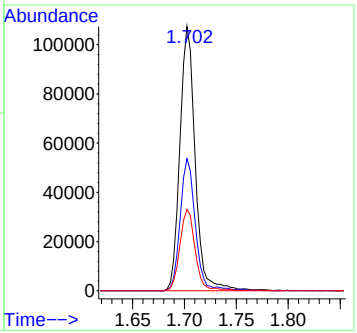


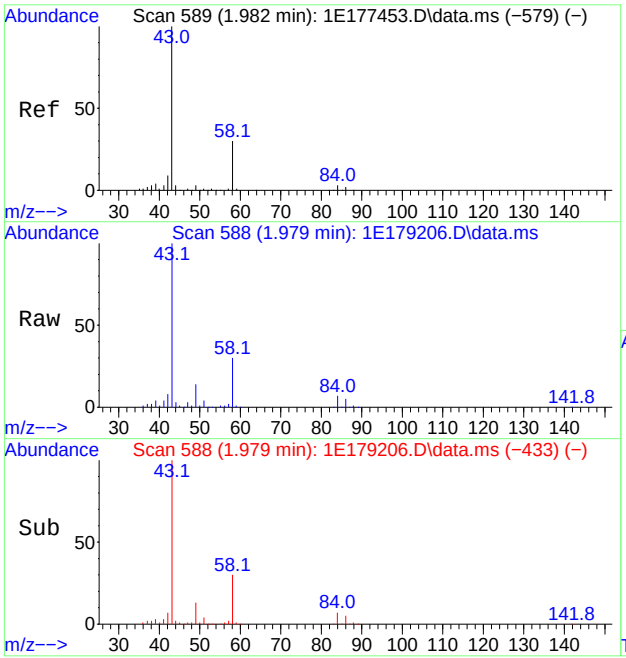


#17
1,1-dichloroethene
Concen: 60.5686 ug/L
RT: 1.702 min Scan# 502
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 61 Resp: 110231

Ion	Ratio	Lower	Upper
61	100		
96	50.0	29.6	89.6
63	30.8	1.2	61.2

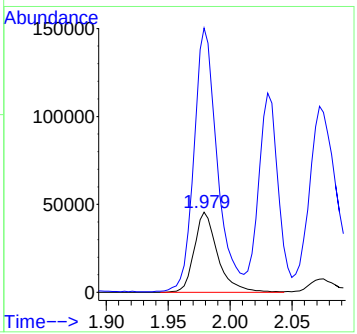


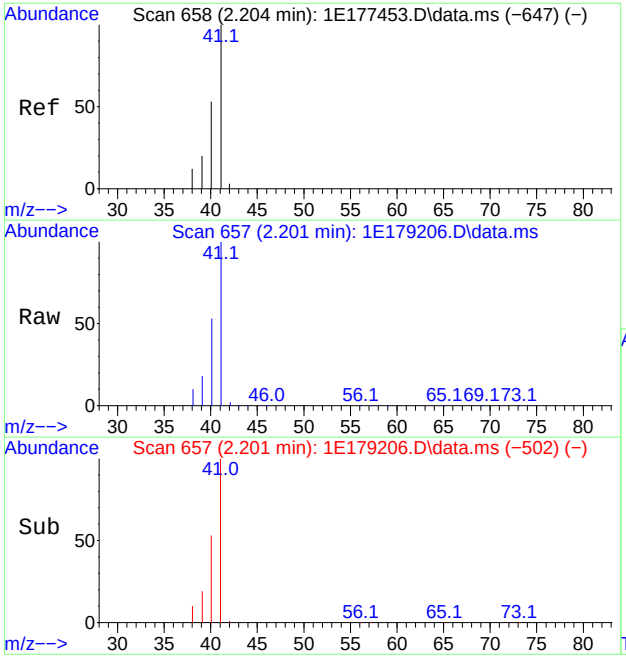


#18
acetone
Concen: 170.4300 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 58 Resp: 60194

Ion	Ratio	Lower	Upper
58	100		
43	328.0	304.0	364.0

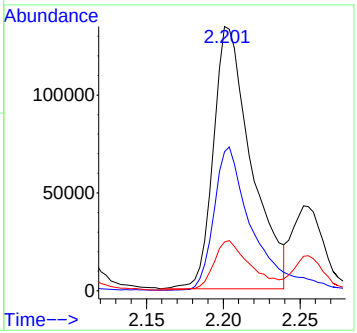


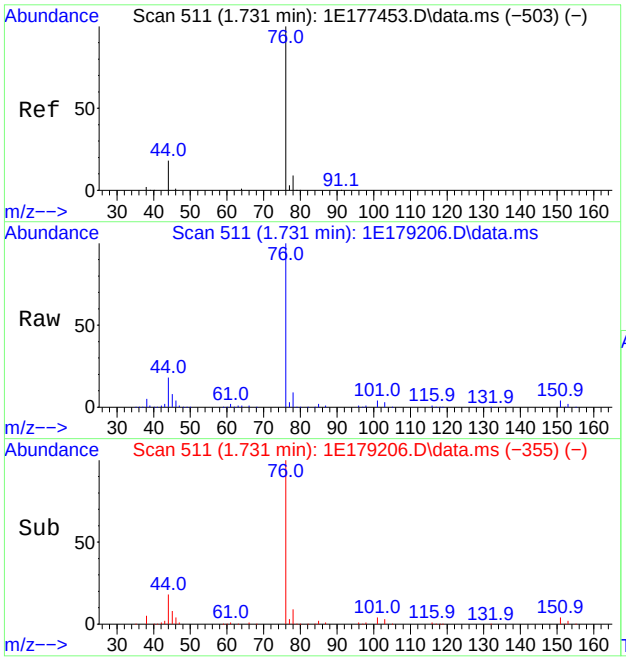


#19
acetonitrile
Concen: 1173.8119 ug/L
RT: 2.201 min Scan# 657
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 41 Resp: 229566

Ion	Ratio	Lower	Upper
41	100		
40	52.7	22.9	82.9
39	18.3	0.0	49.7

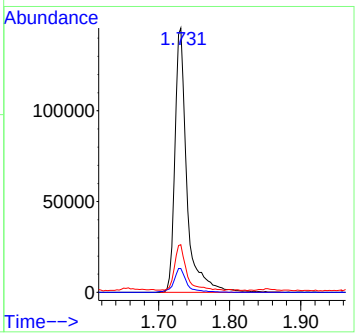


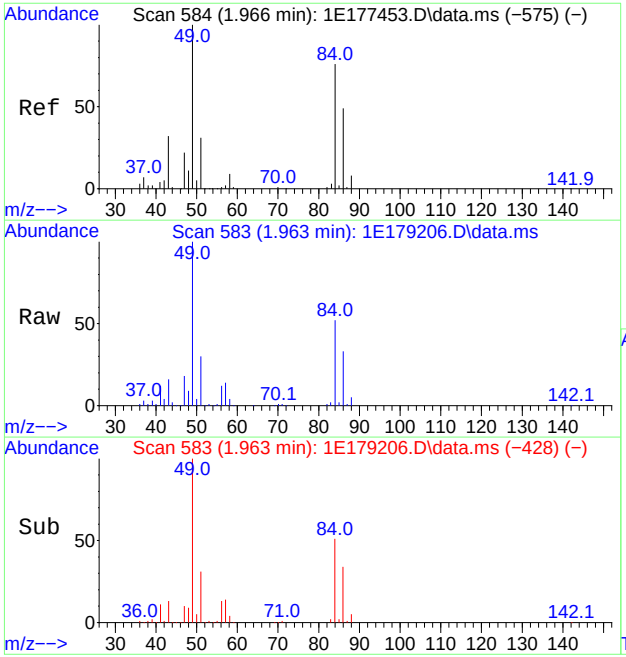


#21
carbon disulfide
Concen: 51.7697 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 76 Resp: 170805

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	17.1	0.0	48.3

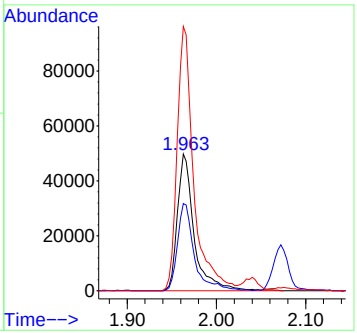


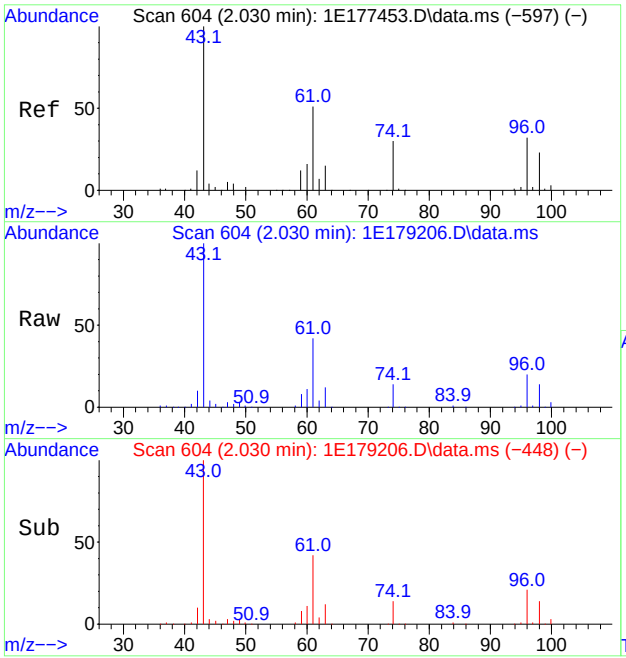


#22
methylene chloride
Concen: 48.0147 ug/L
RT: 1.963 min Scan# 583
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 84 Resp: 65038

Ion	Ratio	Lower	Upper
84	100		
86	63.8	34.9	94.9
49	193.3	102.4	162.4#

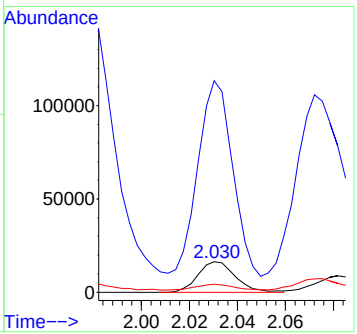




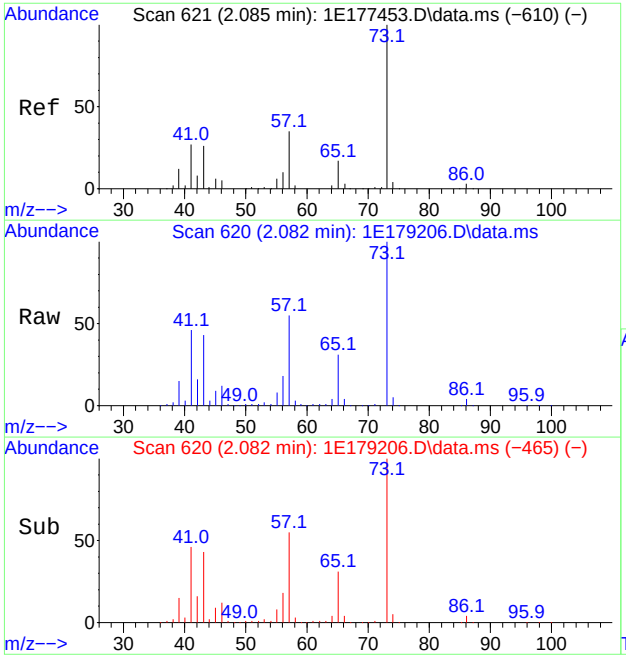
#23
methyl acetate
Concen: 50.9994 ug/L
RT: 2.030 min Scan# 604
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 74 Resp: 17970

Ion	Ratio	Lower	Upper
74	100		
43	625.4	307.5	367.5#
44	19.4	0.0	43.7



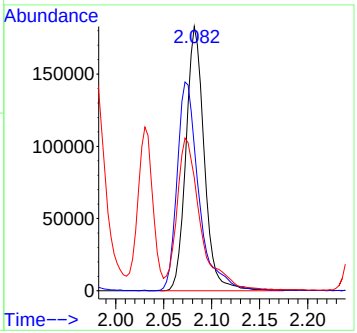
7.4.4

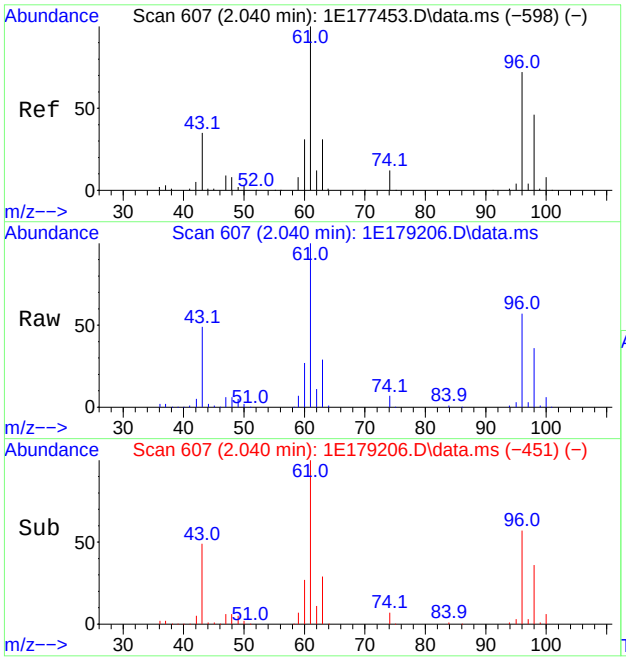


#24
methyl tert butyl ether
Concen: 56.8149 ug/L
RT: 2.082 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 73 Resp: 243688

Ion	Ratio	Lower	Upper
73	100		
57	54.5	5.0	65.0
43	42.4	0.4	60.4

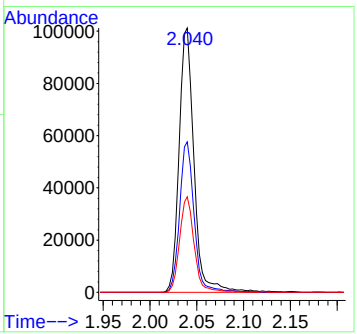


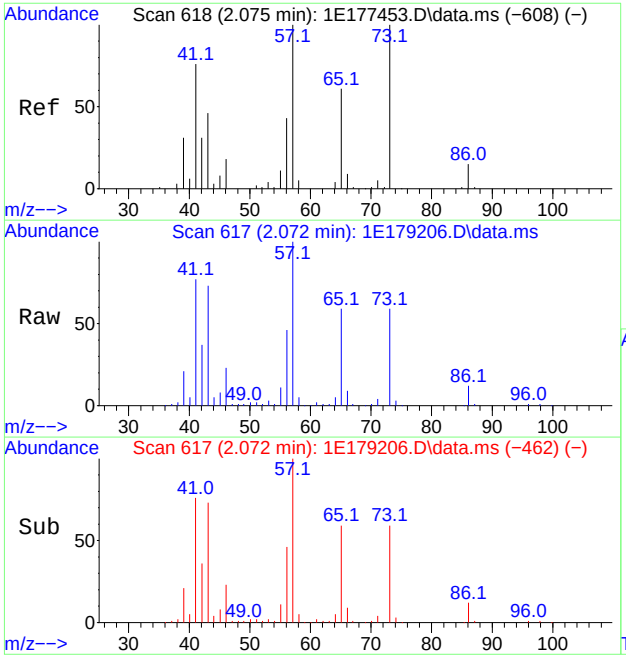


#25
trans-1,2-dichloroethene
Concen: 62.7095 ug/L
RT: 2.040 min Scan# 607
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 61 Resp: 112256

Ion	Ratio	Lower	Upper
61	100		
96	57.0	41.6	101.6
98	36.2	15.7	75.7

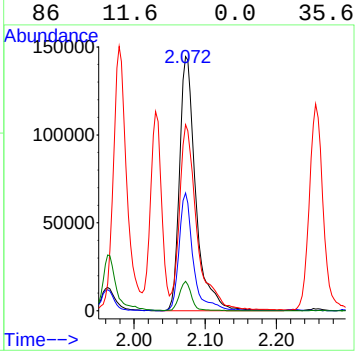


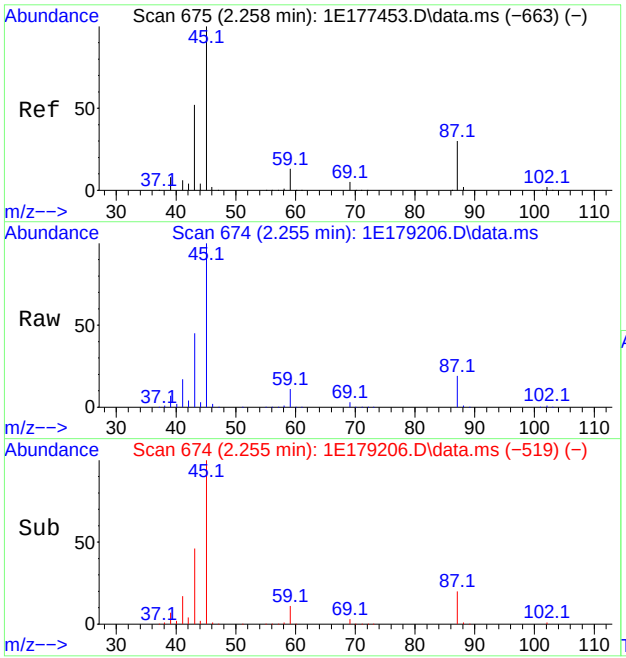


#26
hexane
Concen: 76.3785 ug/L
RT: 2.072 min Scan# 617
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 57 Resp: 229904

Ion	Ratio	Lower	Upper
57	100		
56	46.3	23.0	63.0
43	72.8	50.7	90.7
86	11.6	0.0	35.6

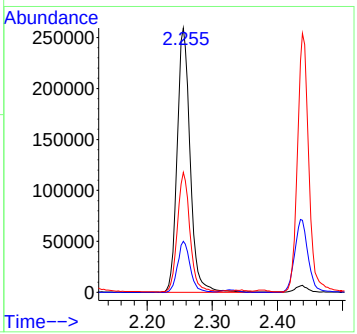


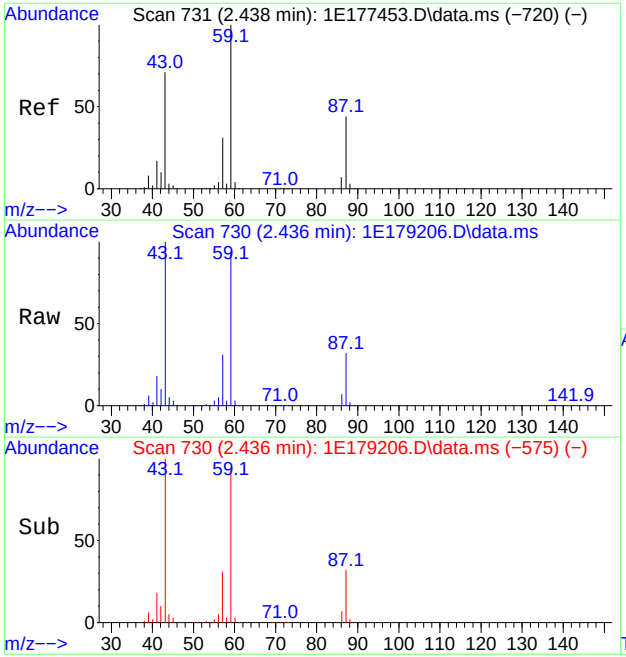


#27
di-isopropyl ether
Concen: 82.9546 ug/L
RT: 2.255 min Scan# 674
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 45 Resp: 359128

Ion	Ratio	Lower	Upper
45	100		
87	19.3	0.0	59.9
43	45.2	22.2	82.2

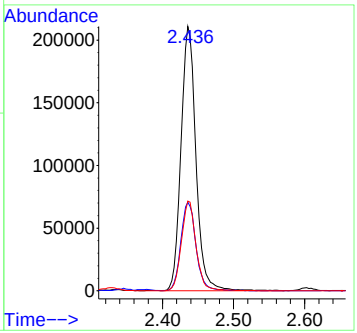


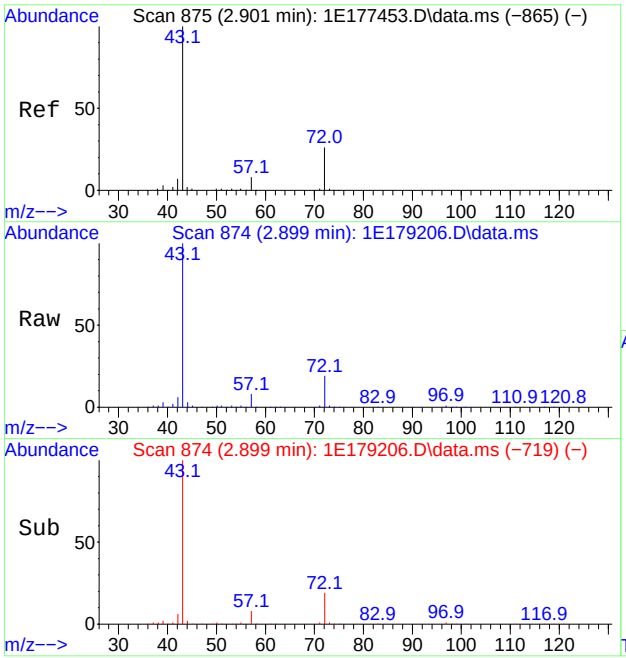


#28
ethyl tert-butyl ether
Concen: 66.4219 ug/L
RT: 2.436 min Scan# 730
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 59 Resp: 308643

Ion	Ratio	Lower	Upper
59	100		
57	33.5	1.2	61.2
87	34.0	14.3	74.3

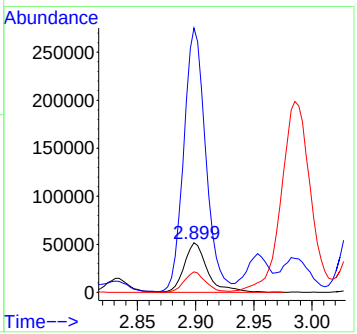


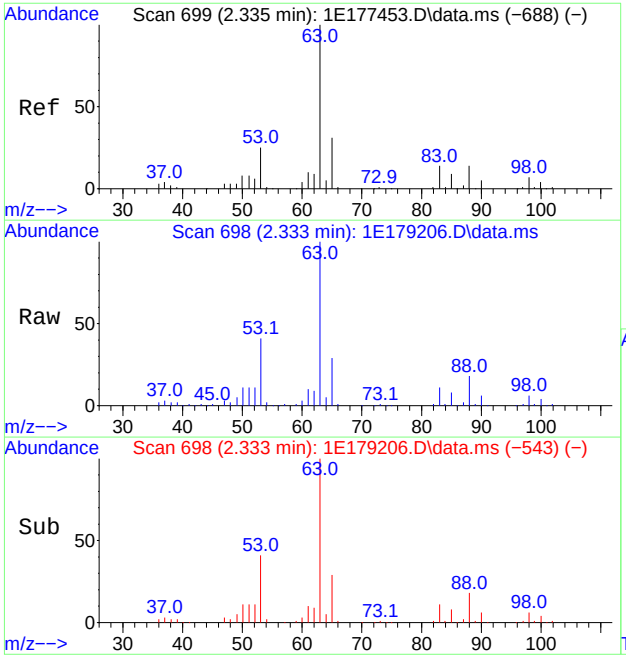


#29
2-butanone
Concen: 185.8602 ug/L
RT: 2.899 min Scan# 874
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 72 Resp: 71993

Ion	Ratio	Lower	Upper
72	100		
43	531.8	351.4	411.4#
57	41.3	1.3	61.3

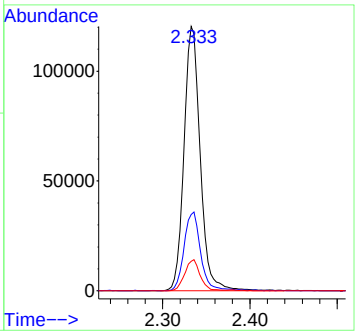


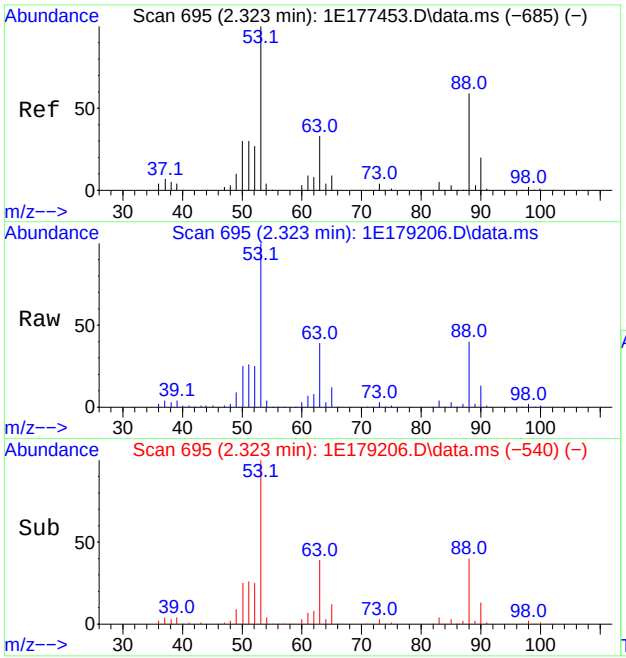


#30
1,1-dichloroethane
Concen: 62.3907 ug/L
RT: 2.333 min Scan# 698
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 63 Resp: 155952

Ion	Ratio	Lower	Upper
63	100		
65	28.8	1.1	61.1
83	11.1	0.0	44.4

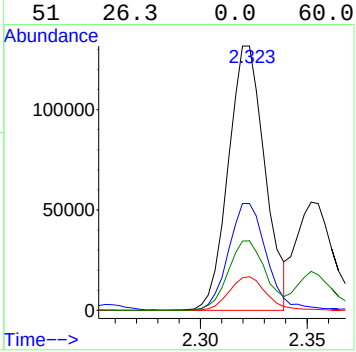




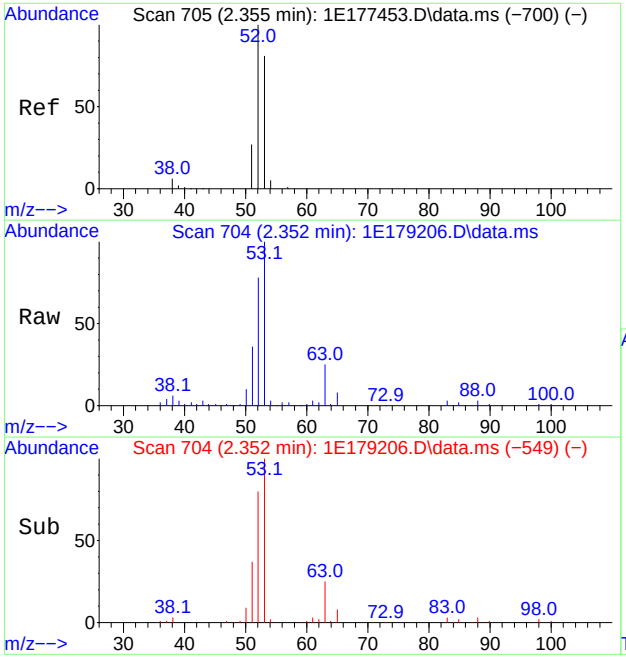
#31
chloroprene
Concen: 72.1868 ug/L
RT: 2.323 min Scan# 695
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 53 Resp: 157107

Ion	Ratio	Lower	Upper
53	100		
88	40.4	29.0	89.0
90	12.8	0.0	50.3
51	26.3	0.0	60.0



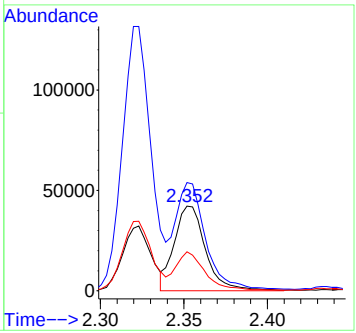
7.4.4

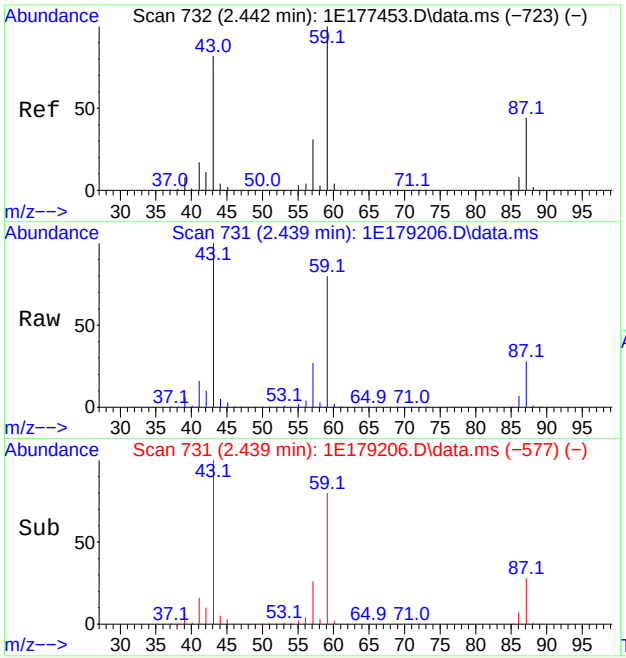


#32
acrylonitrile
Concen: 89.4288 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 52 Resp: 55224

Ion	Ratio	Lower	Upper
52	100		
53	126.4	98.3	158.3
51	45.7	13.3	73.3

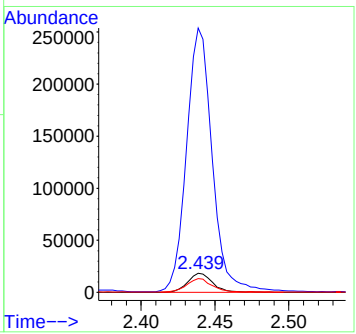


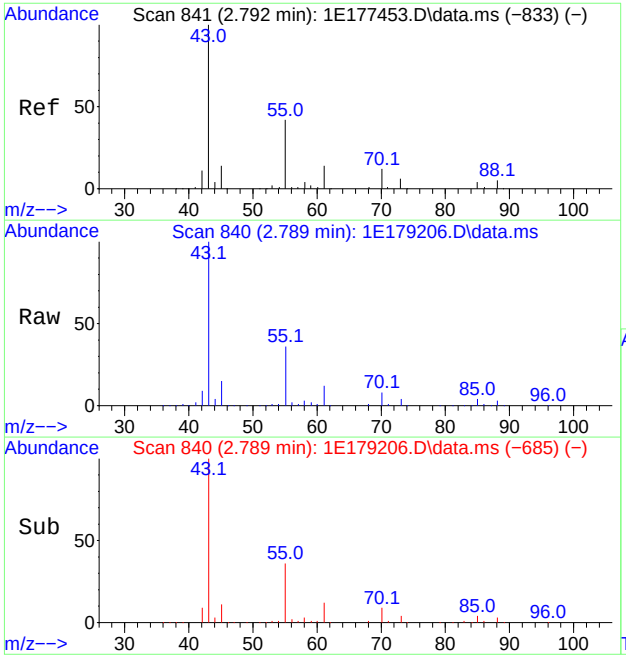


#33
vinyl acetate
Concen: 72.6838 ug/L
RT: 2.439 min Scan# 731
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 86 Resp: 21694

Ion	Ratio	Lower	Upper
86	100		
43	1368.2	996.1	1056.1#
44	69.8	16.2	76.2

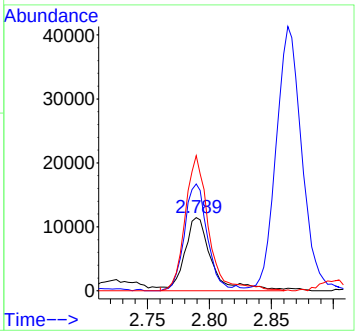


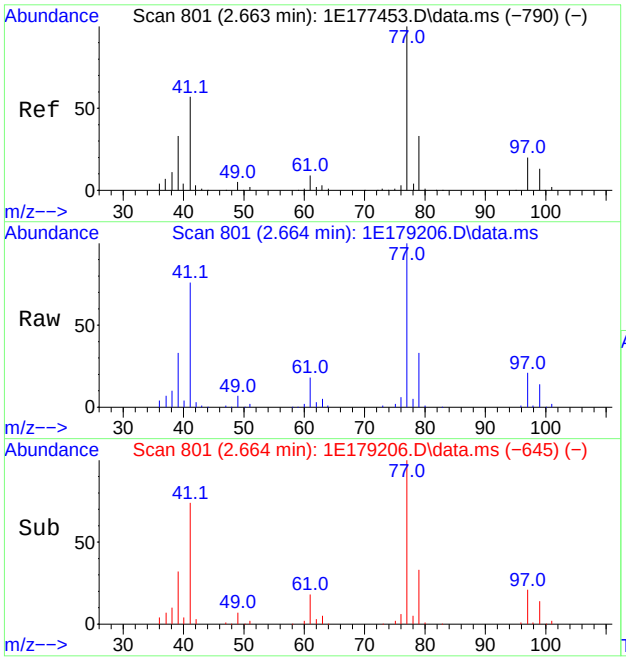


#34
ethyl acetate
Concen: 75.9647 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 70 Resp: 17365

Ion	Ratio	Lower	Upper
70	100		
61	149.4	88.3	148.3#
45	189.1	89.7	149.7#

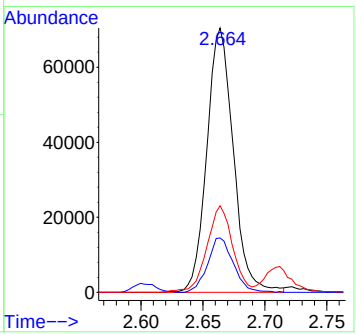


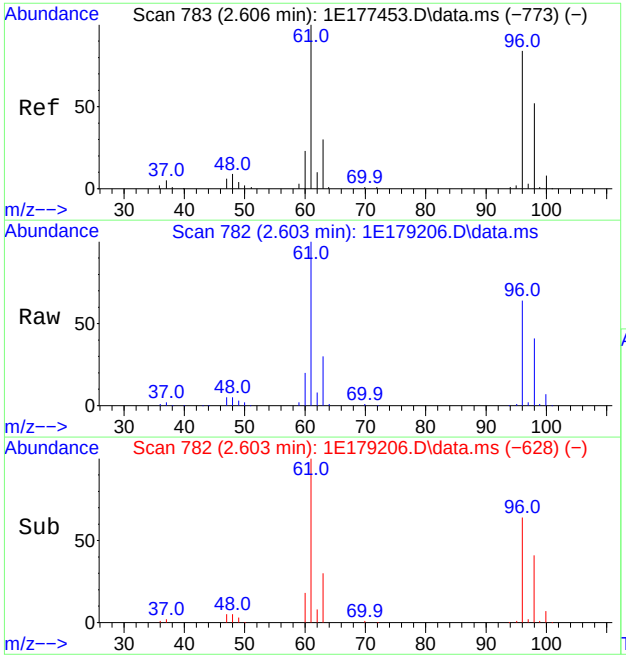


#35
2,2-dichloropropane
Concen: 49.9983 ug/L
RT: 2.664 min Scan# 801
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 77 Resp: 104954

Ion	Ratio	Lower	Upper
77	100		
97	20.6	0.0	50.3
79	32.7	2.7	62.7

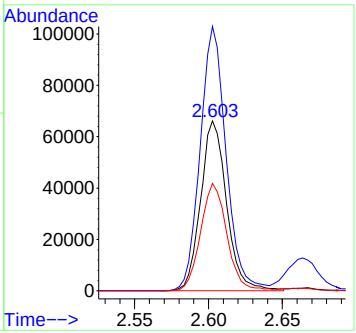


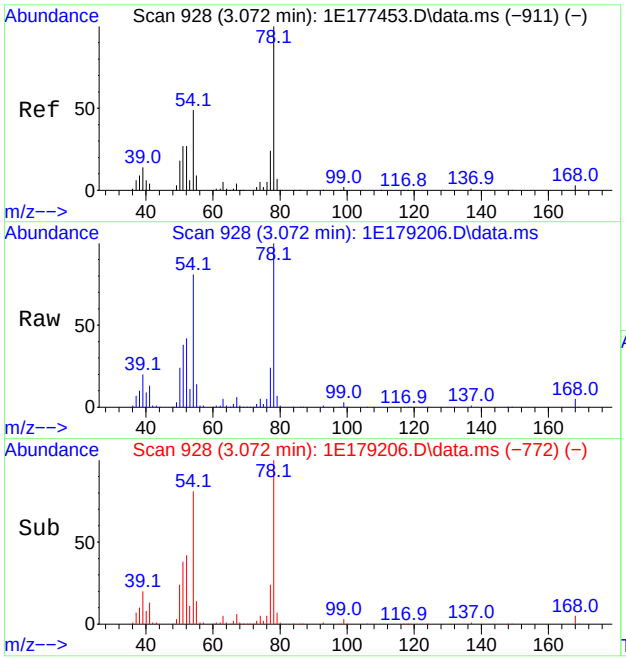


#36
cis-1,2-dichloroethene
Concen: 51.8530 ug/L
RT: 2.603 min Scan# 782
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 96 Resp: 80956

Ion	Ratio	Lower	Upper
96	100		
61	155.6	89.1	149.1#
98	63.2	31.8	91.8

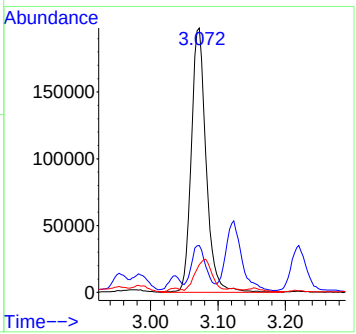


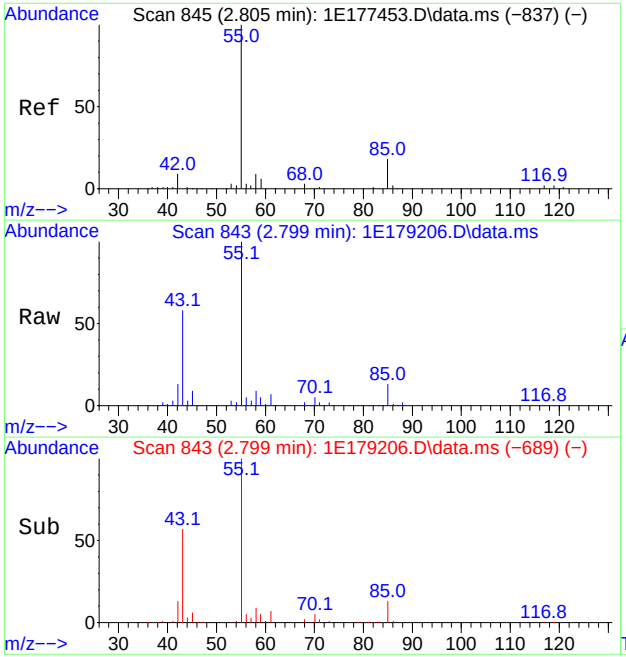


#37
propionitrile
Concen: 913.7744 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 54 Resp: 302327

Ion	Ratio	Lower	Upper
54	100		
55	16.6	0.0	49.2
40	10.3	0.0	43.2

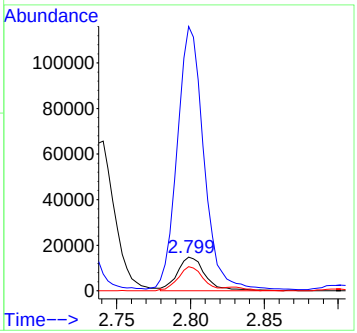


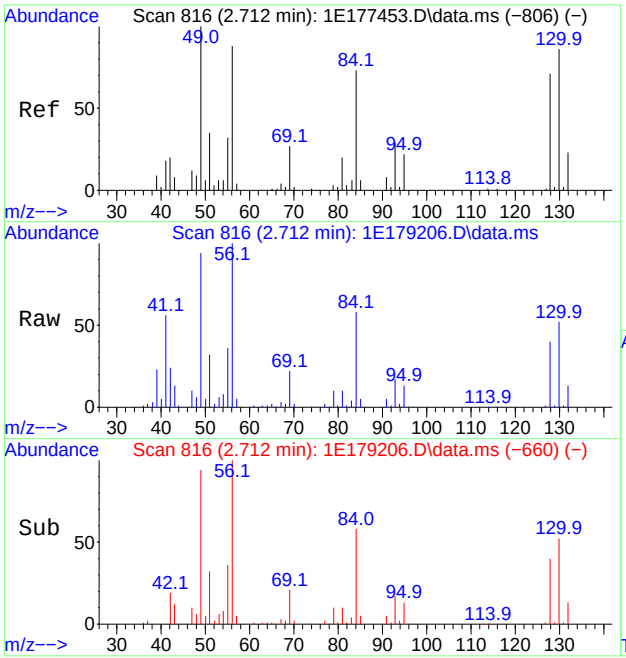


#38
methyl acrylate
Concen: 54.8035 ug/L
RT: 2.799 min Scan# 843
Delta R.T. -0.006 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 85 Resp: 19589

Ion	Ratio	Lower	Upper
85	100		
55	779.3	505.5	545.5#
58	71.9	25.5	65.5#

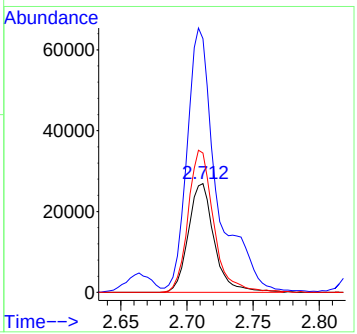


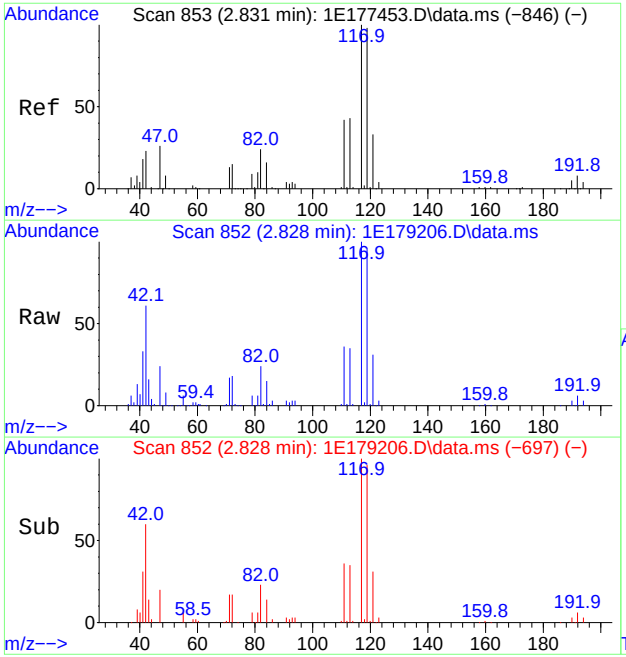


#39
bromochloromethane
Concen: 45.7742 ug/L
RT: 2.712 min Scan# 816
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:128 Resp: 36641

Ion	Ratio	Lower	Upper
128	100		
49	230.9	113.7	173.7#
130	128.1	91.4	151.4

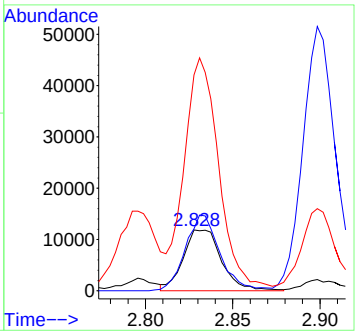


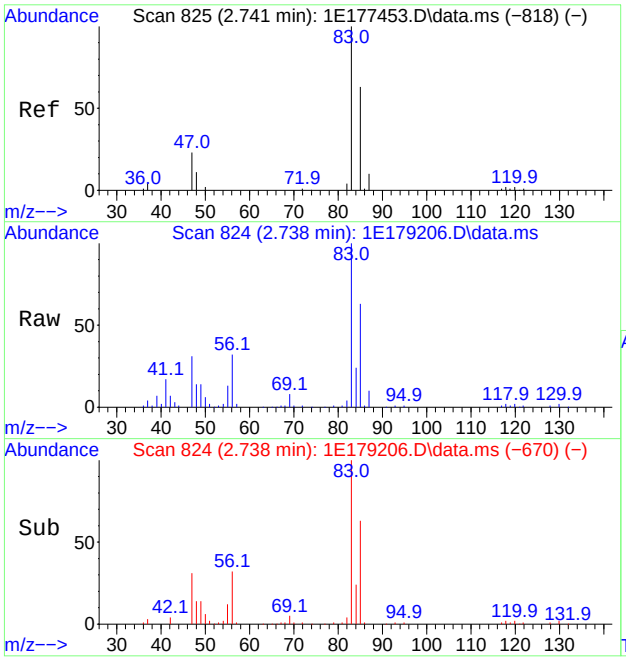


#40
tetrahydrofuran
Concen: 60.7526 ug/L
RT: 2.828 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 71 Resp: 18141

Ion	Ratio	Lower	Upper
71	100		
72	101.4	82.2	142.2
42	347.0	201.9	261.9#

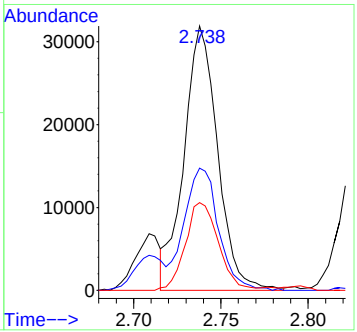


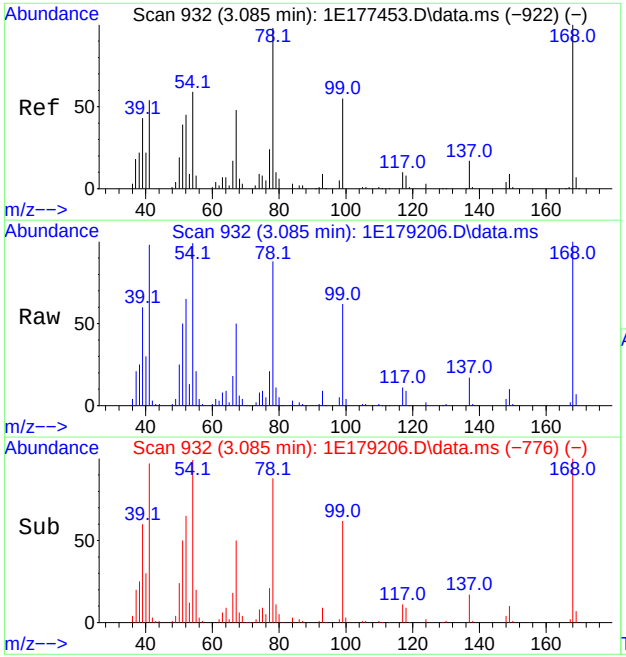


#41
chloroform
Concen: 55.9191 ug/L
RT: 2.738 min Scan# 824
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 47 Resp: 42882

Ion	Ratio	Lower	Upper
47	100		
48	46.7	23.0	83.0
87	32.5	8.1	68.1

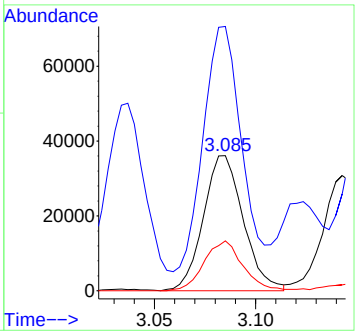


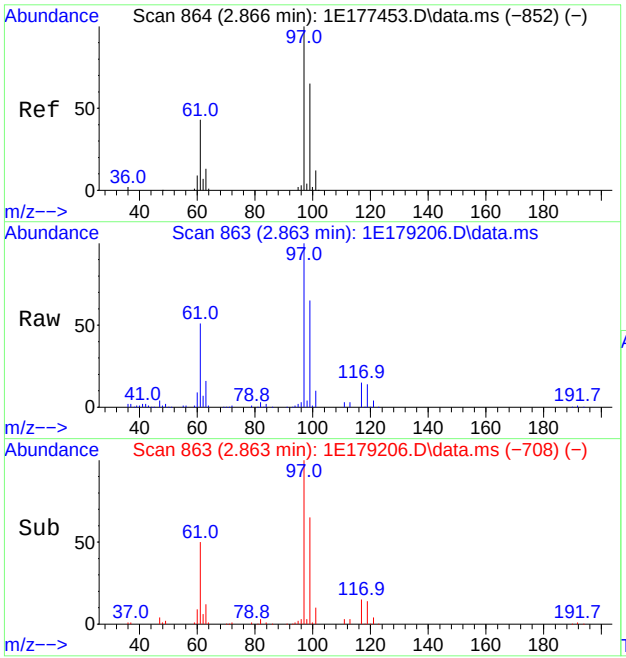


#43
methacrylonitrile
Concen: 56.7327 ug/L
RT: 3.085 min Scan# 932
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 67 Resp: 49691

Ion	Ratio	Lower	Upper
67	100		
41	172.0	83.8	143.8#
66	36.9	6.0	66.0

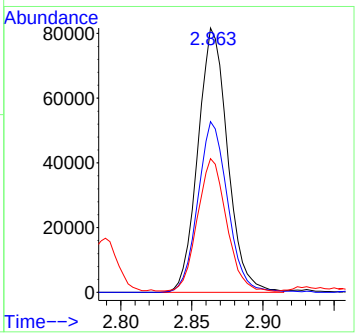


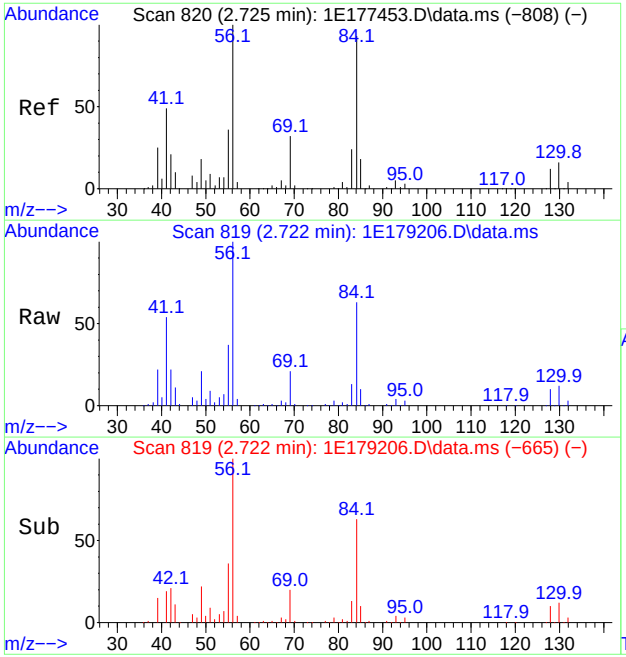


#44
1,1,1-trichloroethane
Concen: 48.7675 ug/L
RT: 2.863 min Scan# 863
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 97 Resp: 118903

Ion	Ratio	Lower	Upper
97	100		
99	64.6	34.9	94.9
61	50.1	13.2	73.2

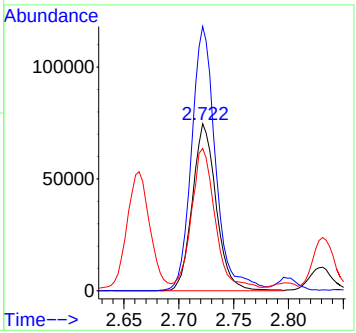


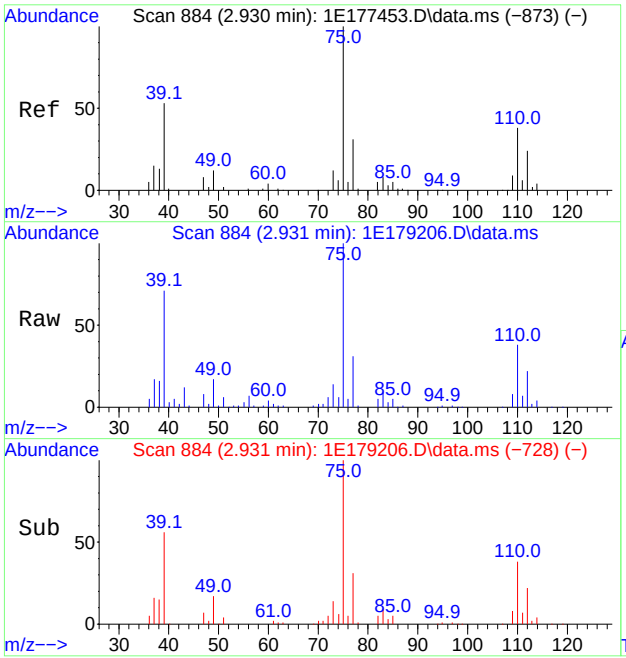


#45
cyclohexane
Concen: 53.6404 ug/L
RT: 2.722 min Scan# 819
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 84 Resp: 112967

Ion	Ratio	Lower	Upper
84	100		
56	158.0	87.1	127.1#
41	80.7	36.3	76.3#

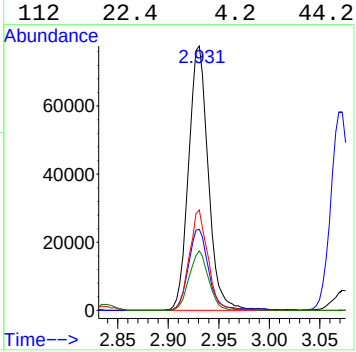


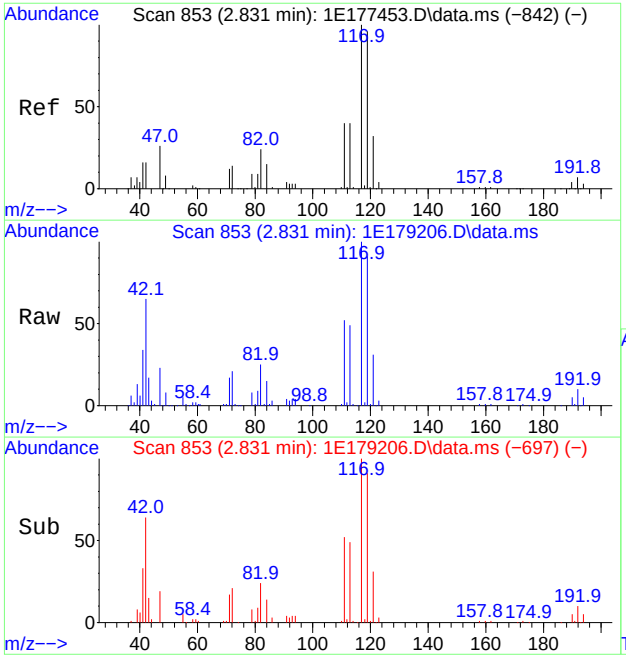


#46
1,1-dichloropropene
Concen: 54.8821 ug/L
RT: 2.931 min Scan# 884
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 75 Resp: 105674

Ion	Ratio	Lower	Upper
75	100		
77	30.7	10.6	50.6
110	37.9	17.7	57.7
112	22.4	4.2	44.2

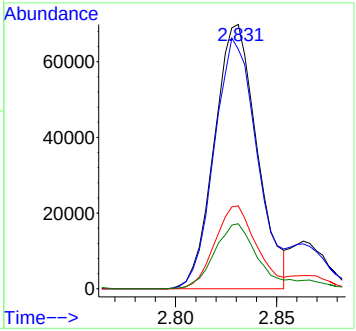


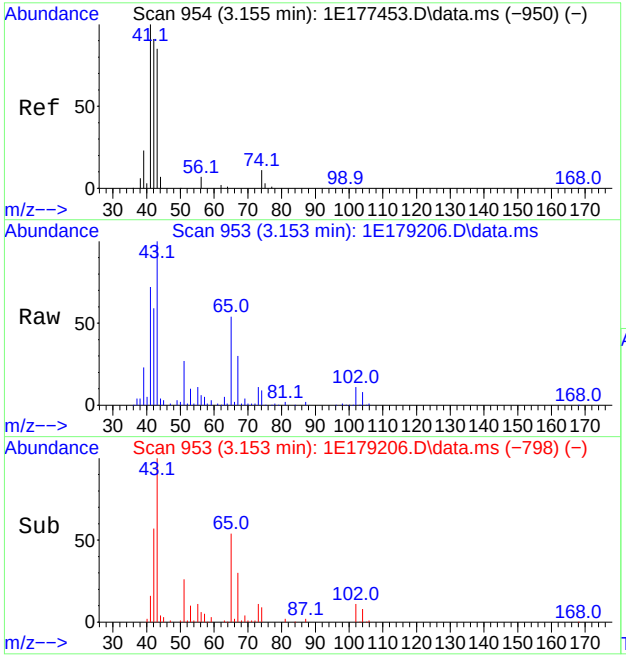


#47
carbon tetrachloride
Concen: 45.0404 ug/L
RT: 2.831 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:117 Resp: 102784

Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.4	116.4
121	31.4	12.4	52.4
82	24.7	4.0	44.0

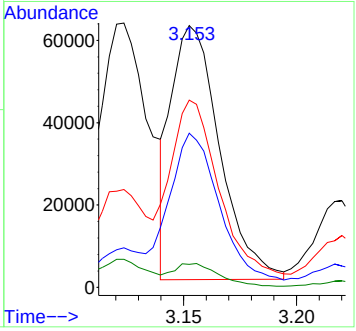


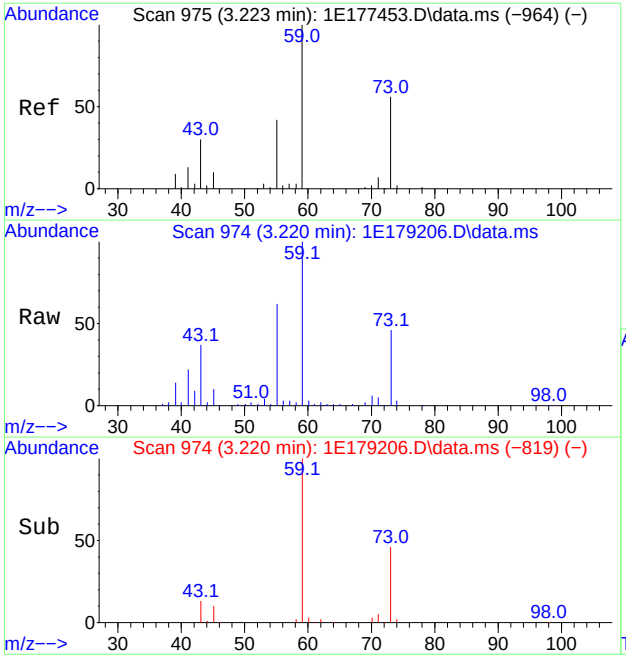


#48
isobutyl alcohol
Concen: 1025.4675 ug/L
RT: 3.153 min Scan# 953
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 43 Resp: 92612

Ion	Ratio	Lower	Upper
43	100		
42	59.7	34.0	74.0
41	70.5	52.4	92.4
74	8.8	0.0	32.3

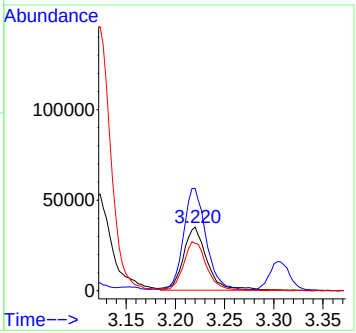


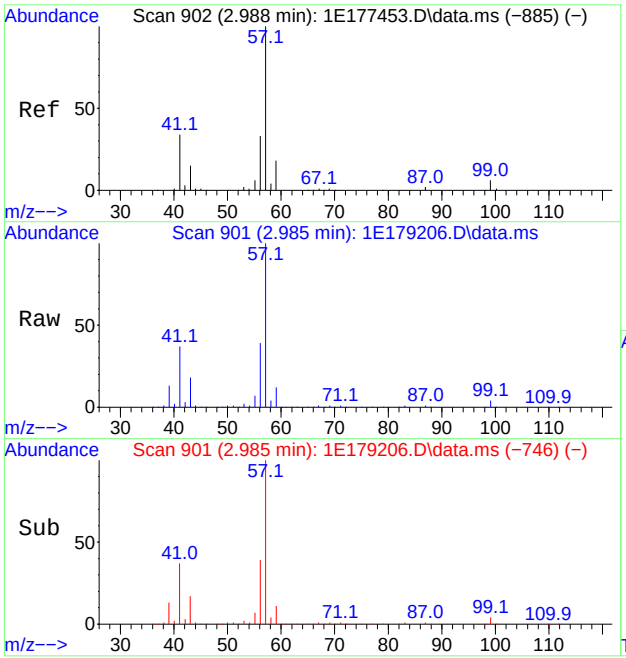


#49
tert-amyl alcohol
Concen: 572.5504 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 55 Resp: 57669

Ion	Ratio	Lower	Upper
55	100		
59	160.5	210.1	250.1#
73	74.9	111.6	151.6#

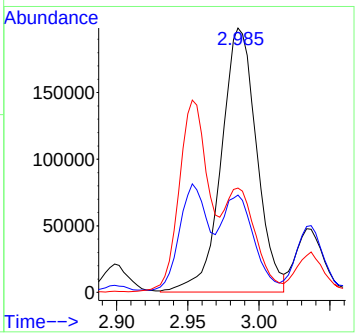


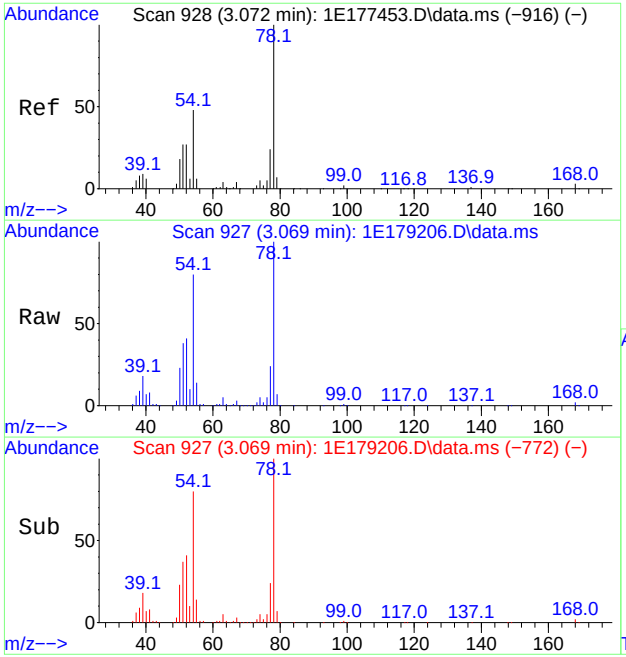


#52
iso-octane
Concen: 80.9094 ug/L
RT: 2.985 min Scan# 901
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 57 Resp: 343498

Ion	Ratio	Lower	Upper
57	100		
41	35.0	14.3	54.3
56	36.8	13.6	53.6

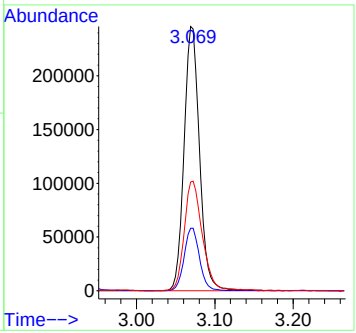


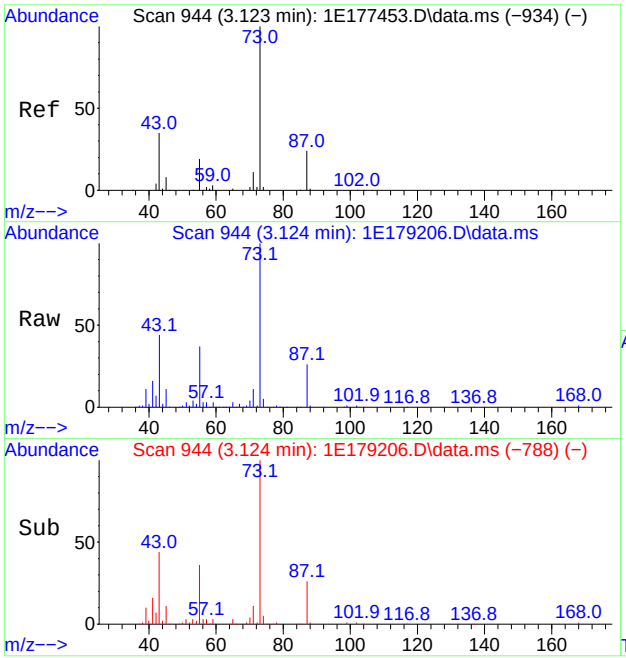


#53
benzene
Concen: 65.3903 ug/L
RT: 3.069 min Scan# 927
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 78 Resp: 338006

Ion	Ratio	Lower	Upper
78	100		
77	23.7	0.0	54.3
52	41.0	0.0	57.1

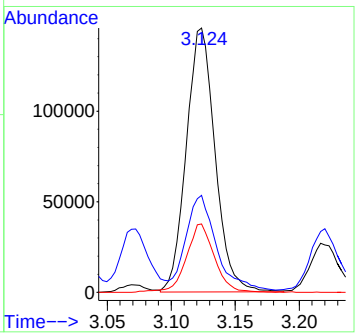


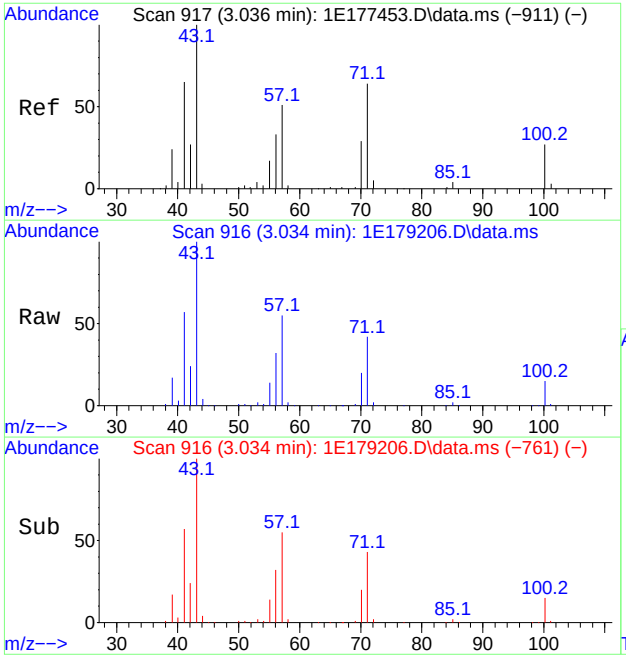


#54
tert-amyl methyl ether
Concen: 53.4417 ug/L
RT: 3.124 min Scan# 944
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 73 Resp: 228374

Ion	Ratio	Lower	Upper
73	100		
55	35.8	2.5	42.5
87	26.0	5.0	45.0

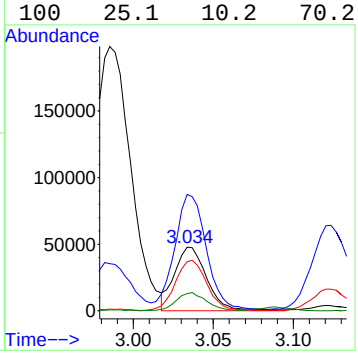


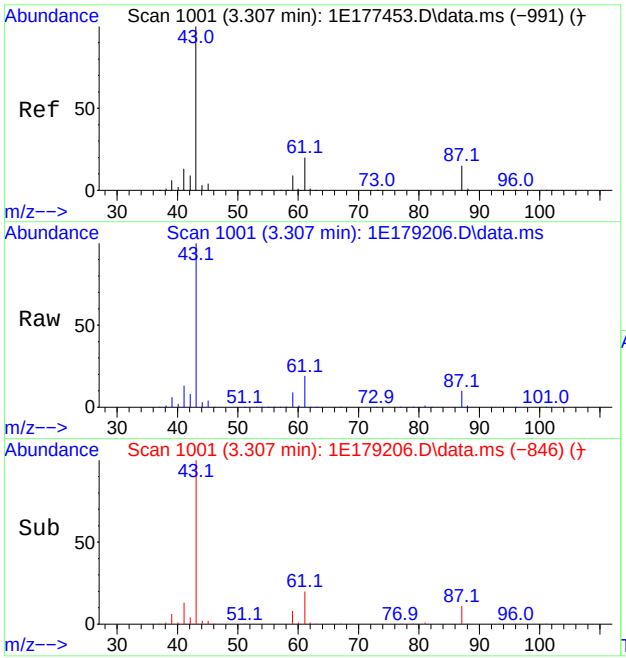


#55
heptane
Concen: 84.7239 ug/L
RT: 3.034 min Scan# 916
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 57 Resp: 67291

Ion	Ratio	Lower	Upper
57	100		
43	181.5	129.2	189.2
71	77.8	71.9	131.9
100	25.1	10.2	70.2

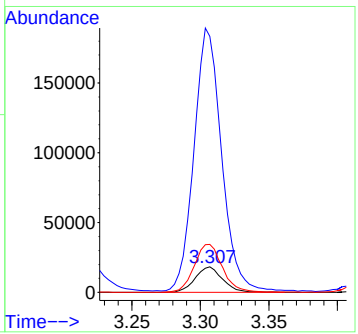


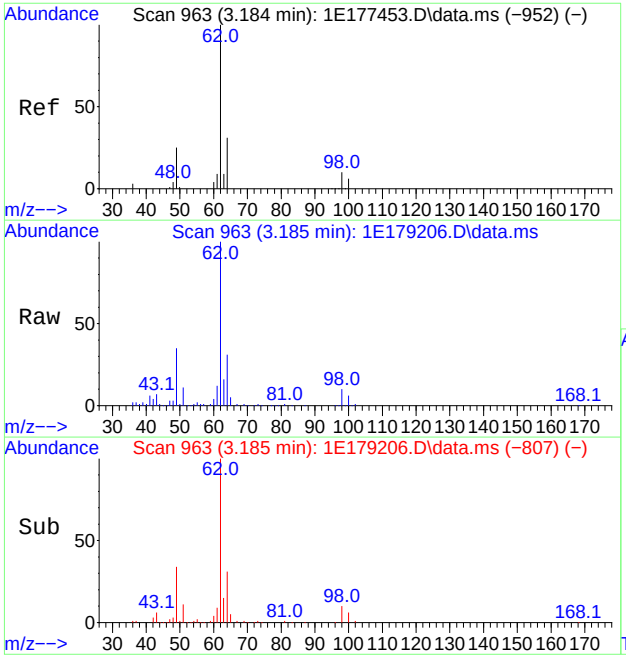


#56
isopropyl acetate
Concen: 54.6602 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 87 Resp: 25487

Ion	Ratio	Lower	Upper
87	100		
43	992.6	647.0	707.0#
61	187.0	104.0	164.0#

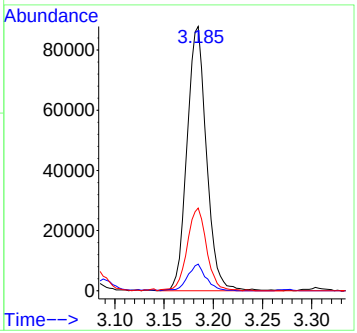


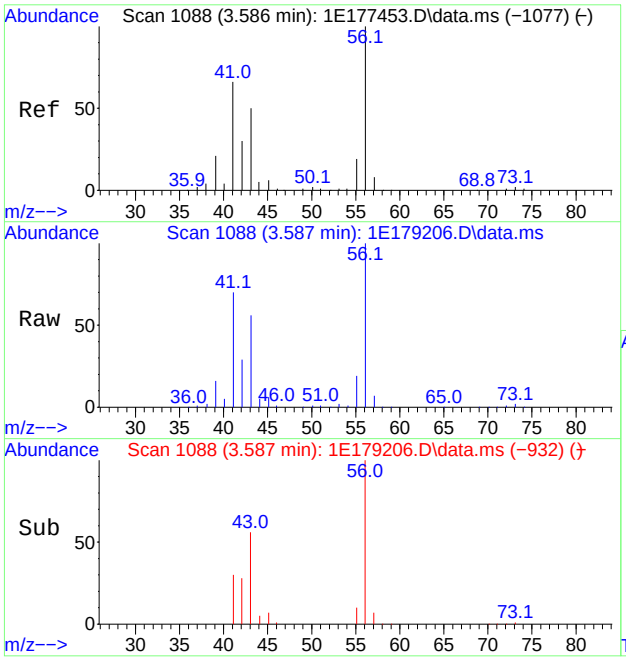


#57
1,2-dichloroethane
Concen: 57.0926 ug/L
RT: 3.185 min Scan# 963
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 62 Resp: 120499

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	39.5
64	31.3	1.9	61.9

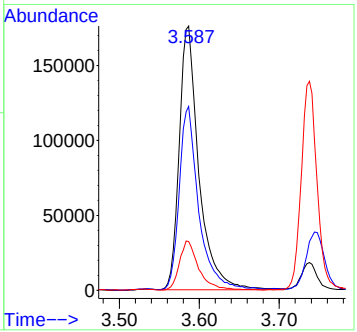




#58
n-butyl alcohol
Concen: 5805.5544 ug/L
RT: 3.587 min Scan# 1088
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

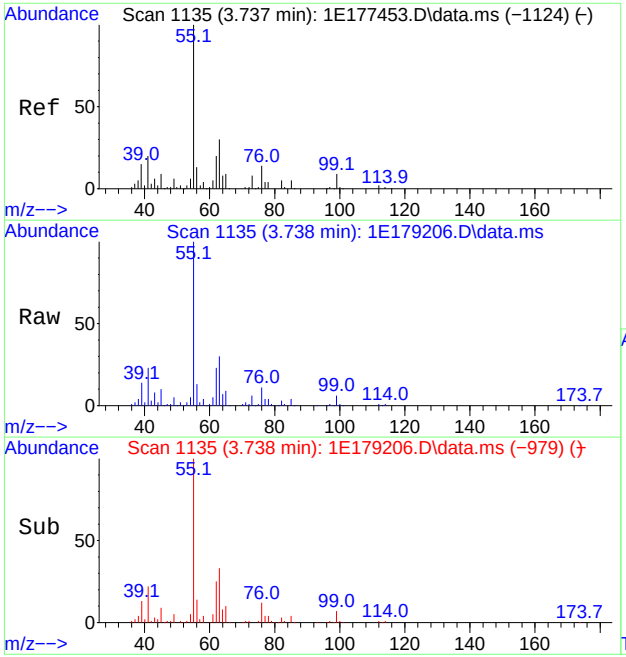
Tgt Ion: 56 Resp: 301204

Ion	Ratio	Lower	Upper
56	100		
41	69.4	46.6	86.6
55	18.4	0.0	39.2



7.4.4

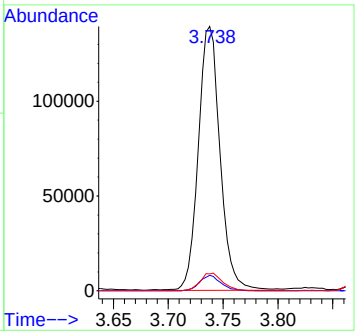
7

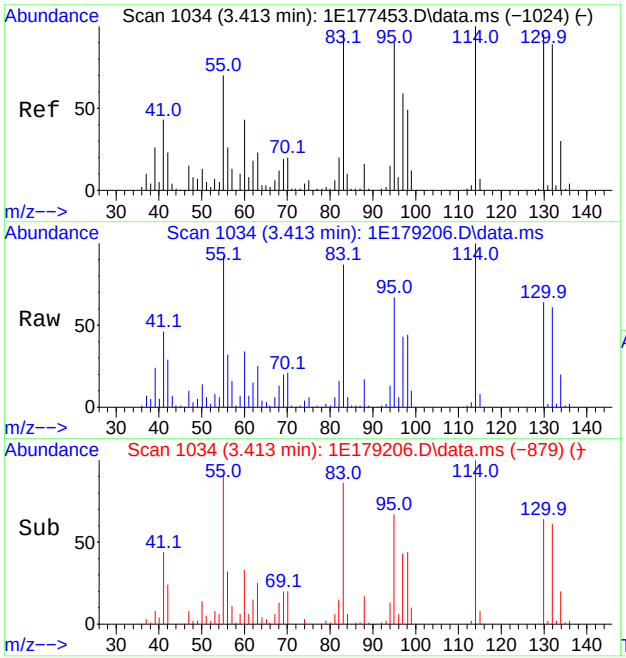


#59
ethyl acrylate
Concen: 78.5809 ug/L
RT: 3.738 min Scan# 1135
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 55 Resp: 192249

Ion	Ratio	Lower	Upper
55	100		
73	5.9	0.0	37.9
99	6.4	0.0	38.9

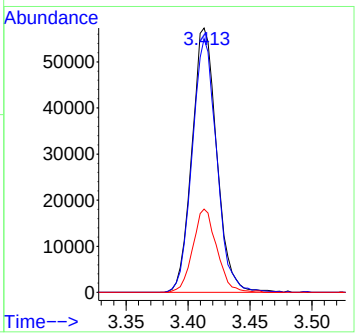


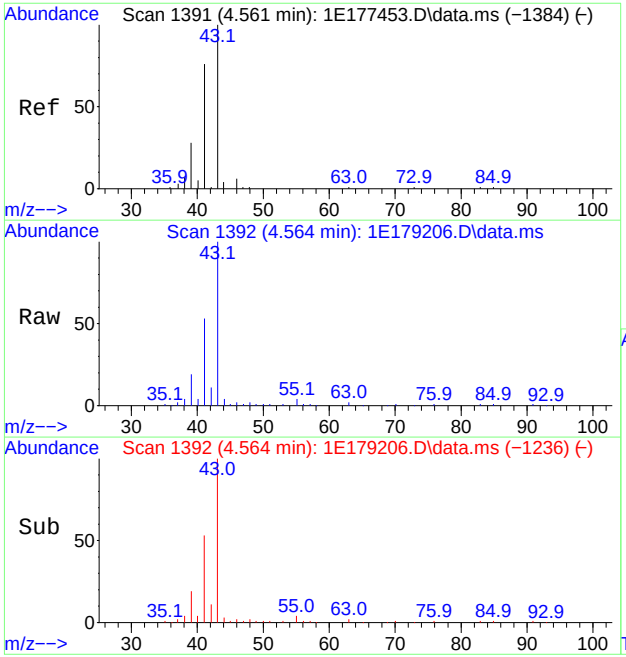


#60
trichloroethene
Concen: 50.4402 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:130 Resp: 80024

Ion	Ratio	Lower	Upper
130	100		
132	95.9	63.8	123.8
134	31.5	1.3	61.3

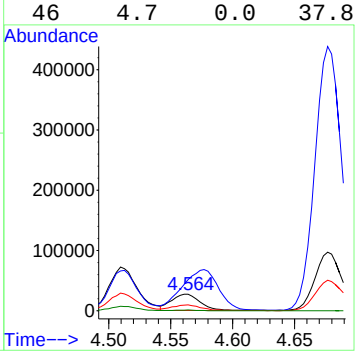


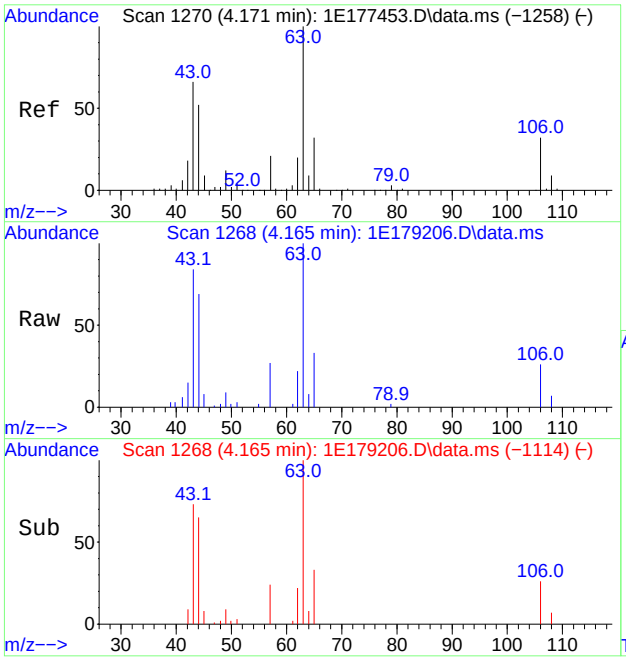


#61
2-nitropropane
Concen: 57.1752 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 41 Resp: 44749

Ion	Ratio	Lower	Upper
41	100		
43	185.5	93.3	153.3#
39	34.6	9.2	69.2
46	4.7	0.0	37.8

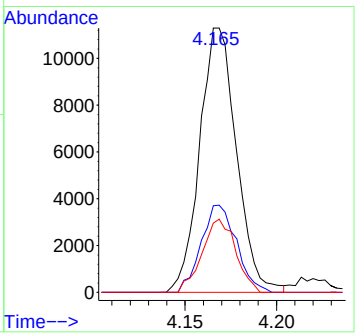


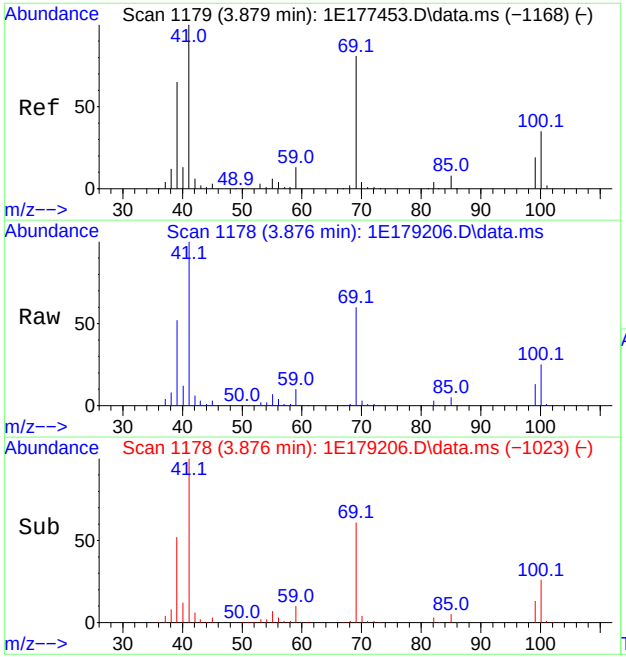


#62
2-chloroethyl vinyl ether
Concen: 18.1188 ug/L
RT: 4.165 min Scan# 1268
Delta R.T. -0.006 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 63 Resp: 15868

Ion	Ratio	Lower	Upper
63	100		
65	32.8	1.9	61.9
106	26.2	2.0	62.0

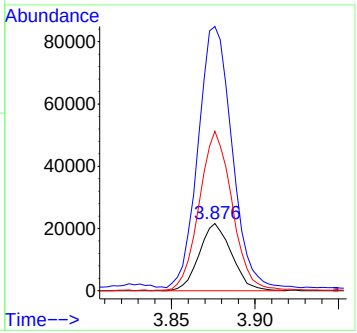


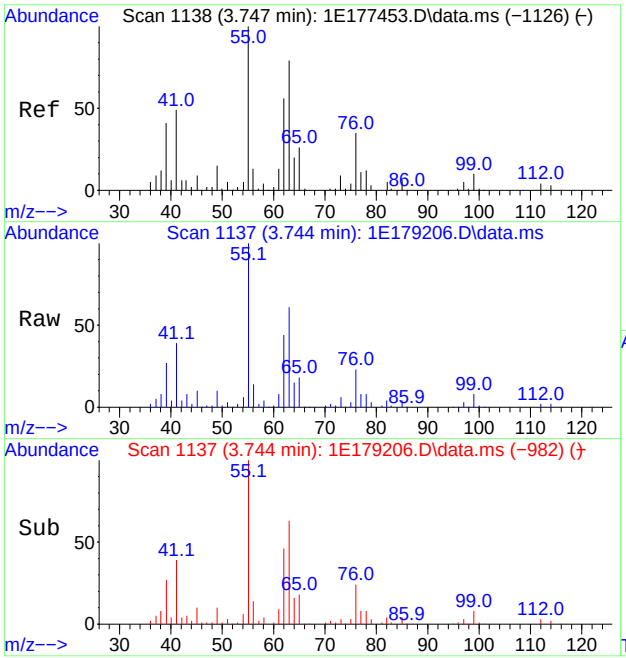


#63
methyl methacrylate
Concen: 54.0013 ug/L
RT: 3.876 min Scan# 1178
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:100 Resp: 29209

Ion	Ratio	Lower	Upper
100	100		
41	386.7	253.3	313.3#
69	236.1	198.3	258.3

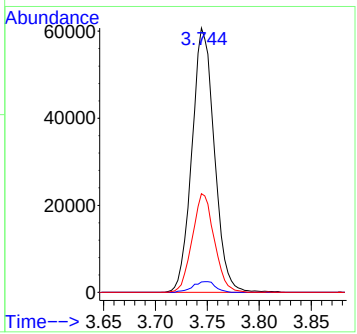


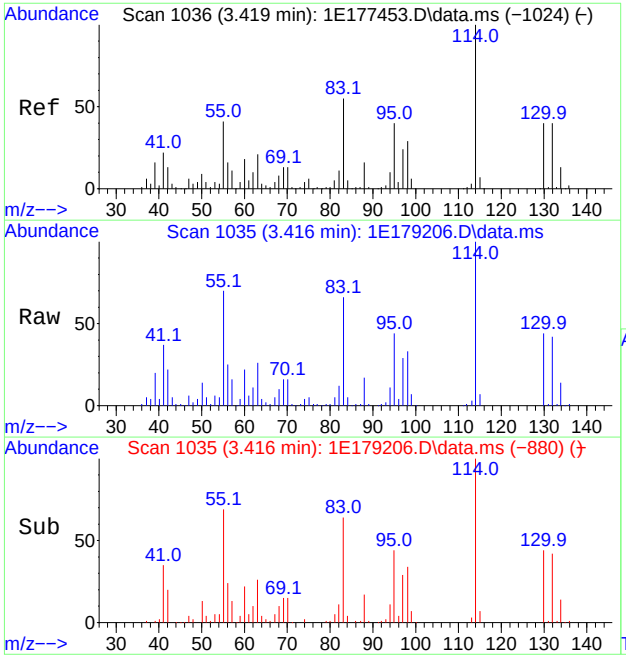


#64
1,2-dichloropropane
Concen: 67.4499 ug/L
RT: 3.744 min Scan# 1137
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 63 Resp: 91704

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	34.8
76	37.3	14.8	74.8

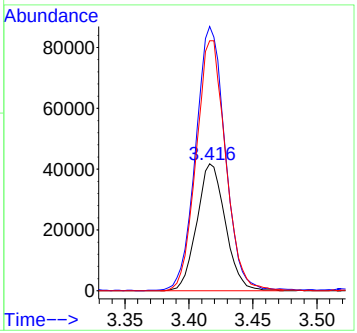


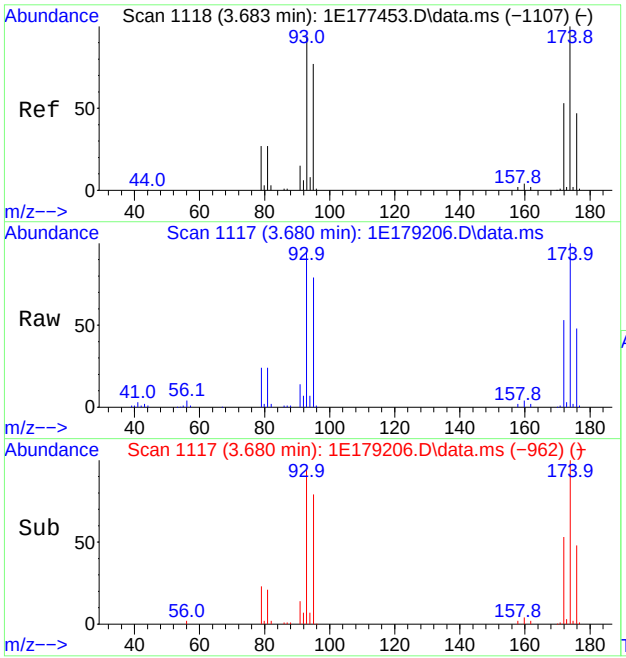


#65
methylcyclohexane
Concen: 57.6544 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 98 Resp: 64861

Ion	Ratio	Lower	Upper
98	100		
55	207.7	109.6	169.6#
83	196.9	187.2	187.2#

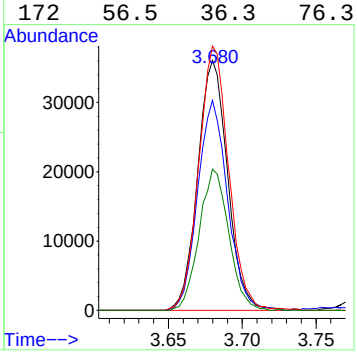


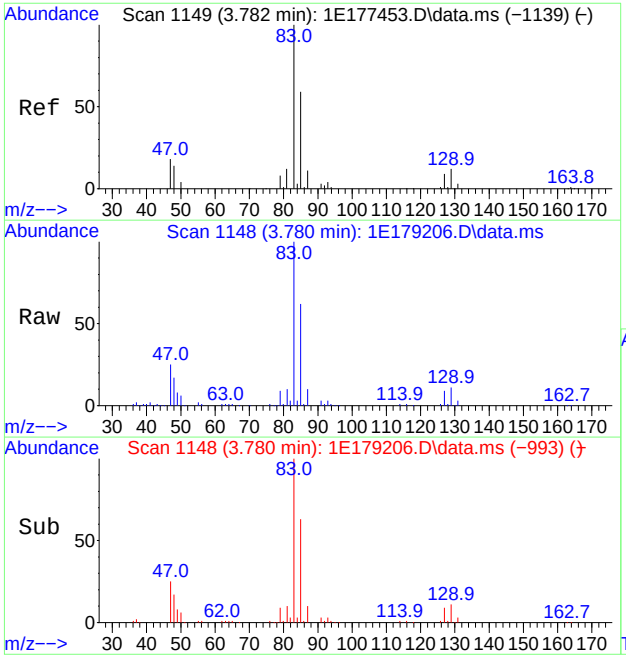


#66
dibromomethane
Concen: 50.3417 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 93 Resp: 50642

Ion	Ratio	Lower	Upper
93	100		
95	83.9	51.7	111.7
174	105.8	76.6	136.6
172	56.5	36.3	76.3

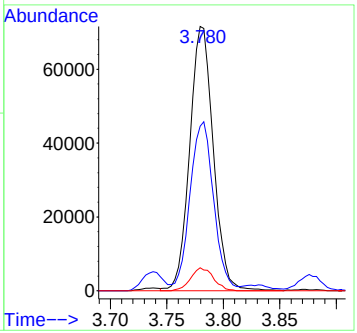


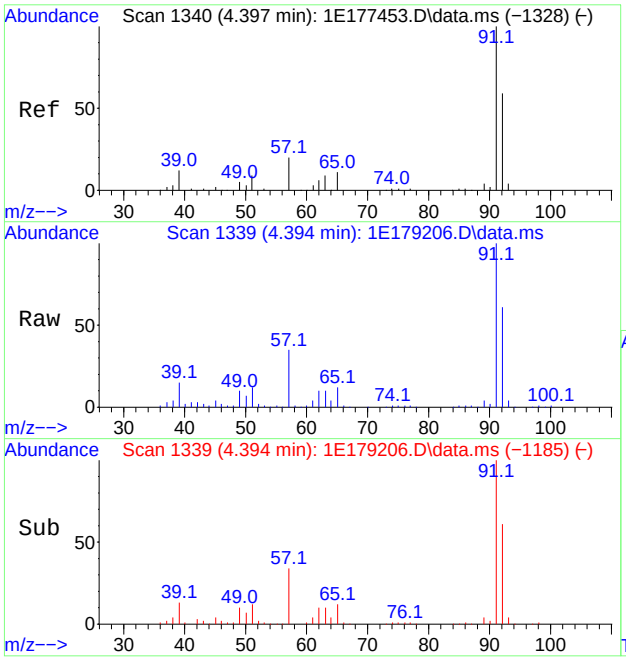


#67
bromodichloromethane
Concen: 52.4724 ug/L
RT: 3.780 min Scan# 1148
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 83 Resp: 104656

Ion	Ratio	Lower	Upper
83	100		
85	61.6	33.0	93.0
127	8.7	0.0	38.8

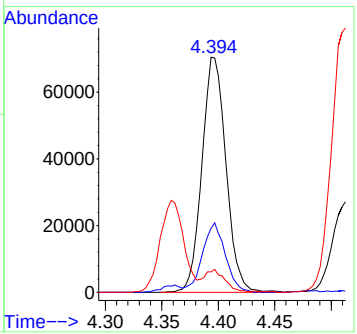


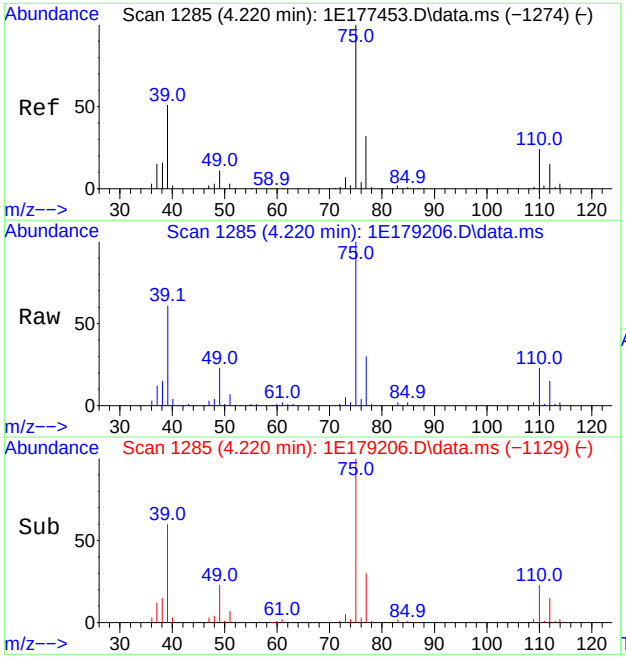


#68
epichlorohydrin
Concen: 430.7470 ug/L
RT: 4.394 min Scan# 1339
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 57 Resp: 104373

Ion	Ratio	Lower	Upper
57	100		
49	27.3	8.6	48.6
42	8.7	0.0	30.2

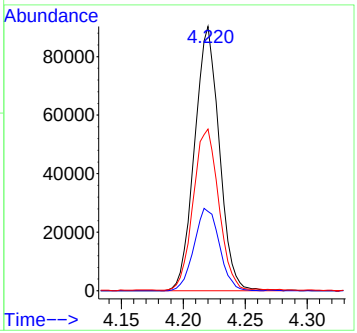


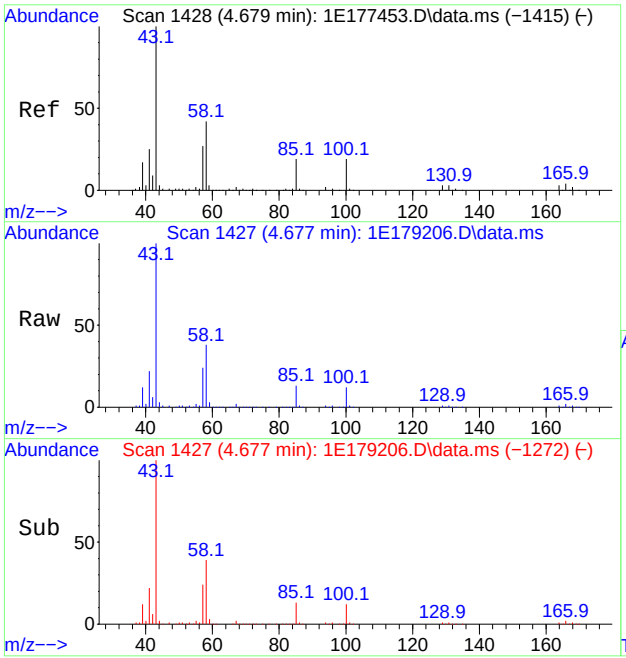


#69
cis-1,3-dichloropropene
Concen: 53.6872 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 75 Resp: 125660

Ion	Ratio	Lower	Upper
75	100		
77	30.0	2.1	62.1
39	60.9	23.0	83.0

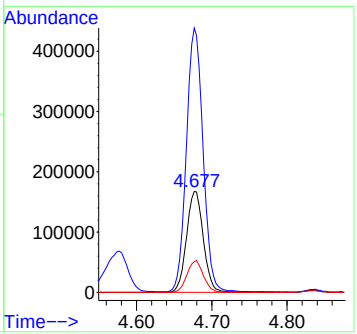


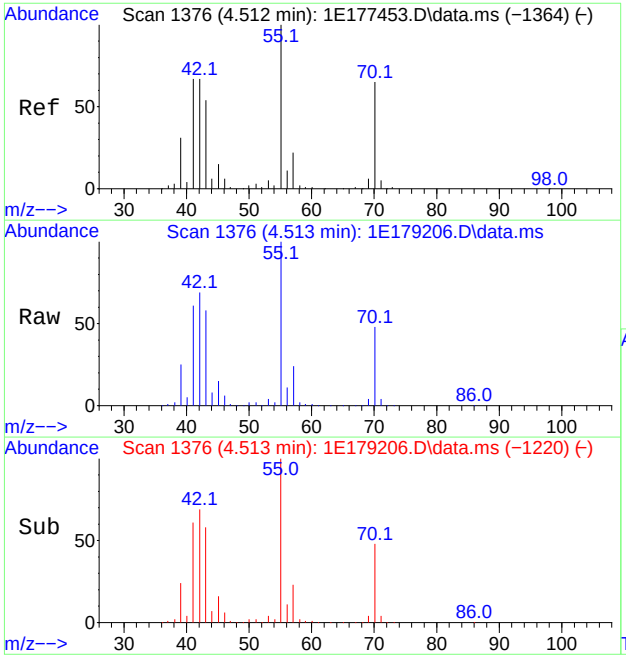


#70
4-methyl-2-pentanone
Concen: 321.1208 ug/L
RT: 4.677 min Scan# 1427
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 58 Resp: 259628

Ion	Ratio	Lower	Upper
58	100		
43	261.4	210.4	270.4
100	30.3	14.6	74.6

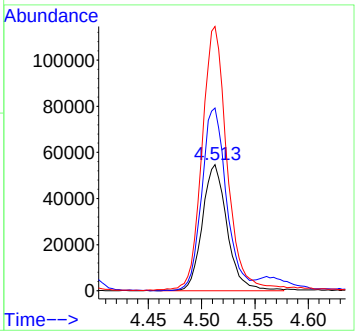


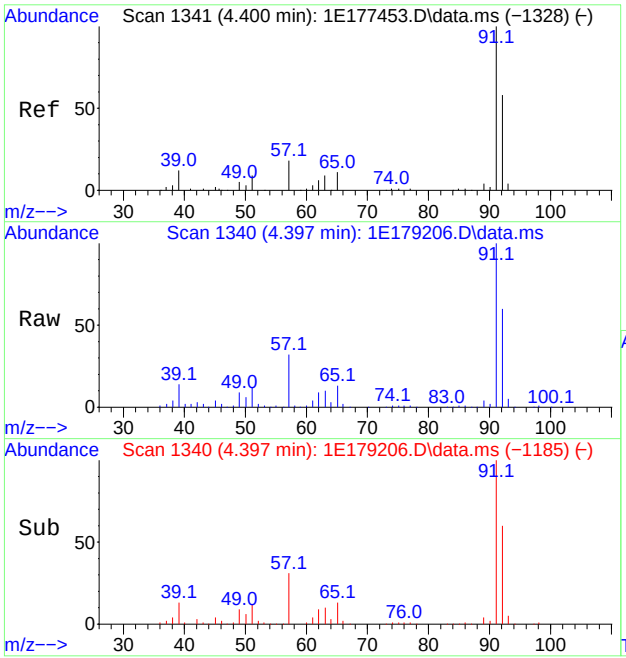


#71
3-methyl-1-butanol
Concen: 1492.2671 ug/L
RT: 4.513 min Scan# 1376
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 70 Resp: 88838

Ion	Ratio	Lower	Upper
70	100		
42	144.8	73.1	133.1#
55	208.5	123.9	183.9#

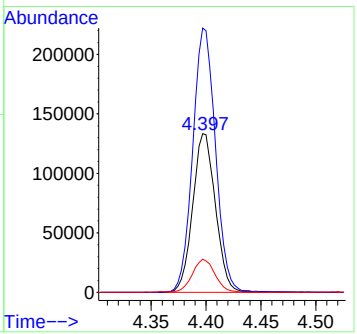


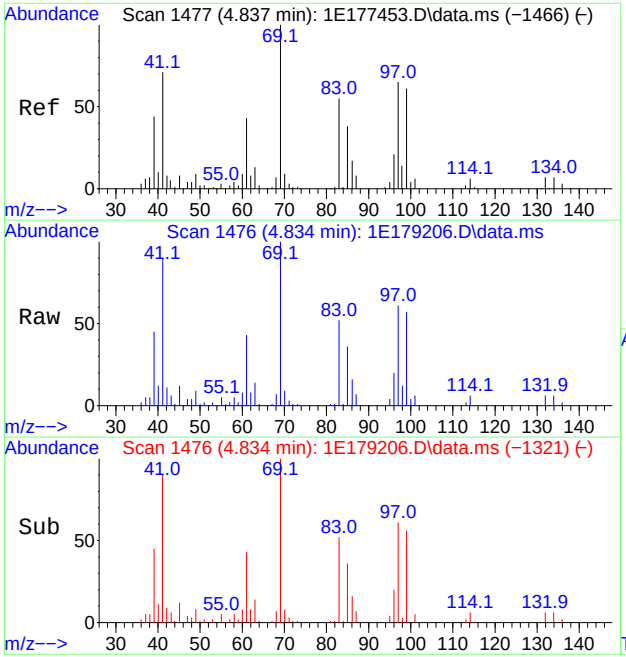


#74
toluene
Concen: 56.1017 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 92 Resp: 192423

Ion	Ratio	Lower	Upper
92	100		
91	166.6	151.4	191.4
65	20.9	0.0	39.2

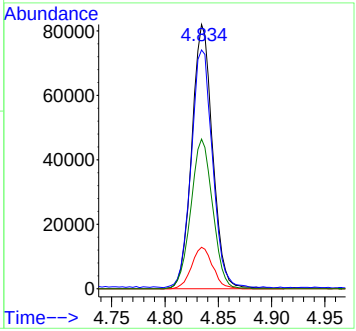


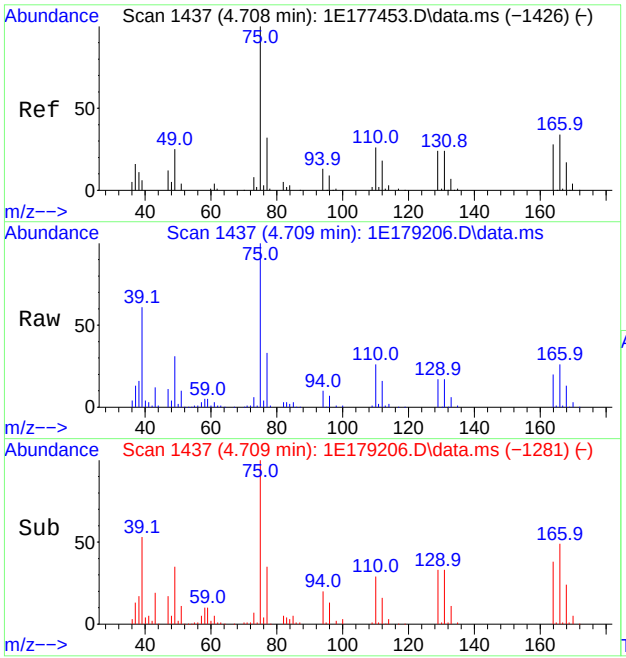


#75
ethyl methacrylate
Concen: 54.9410 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 69 Resp: 111406

Ion	Ratio	Lower	Upper
69	100		
41	89.9	51.1	91.1
86	15.7	0.0	36.7
99	56.6	41.3	81.3

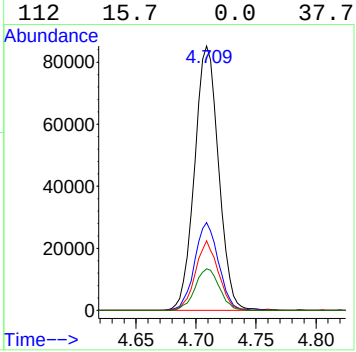


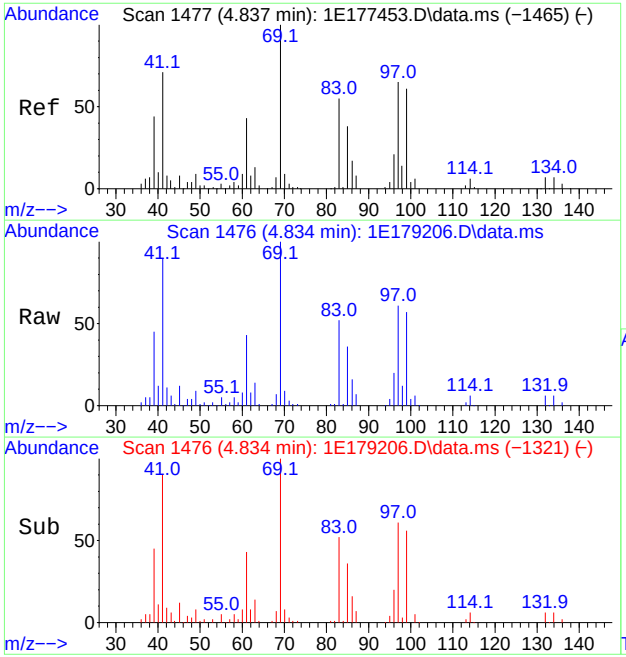


#76
trans-1,3-dichloropropene
Concen: 52.8883 ug/L
RT: 4.709 min Scan# 1437
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 75 Resp: 118774

Ion	Ratio	Lower	Upper
75	100		
77	33.2	12.4	52.4
110	26.3	6.3	46.3
112	15.7	0.0	37.7

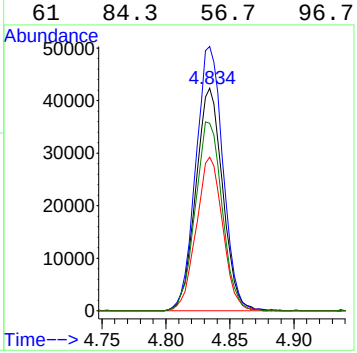


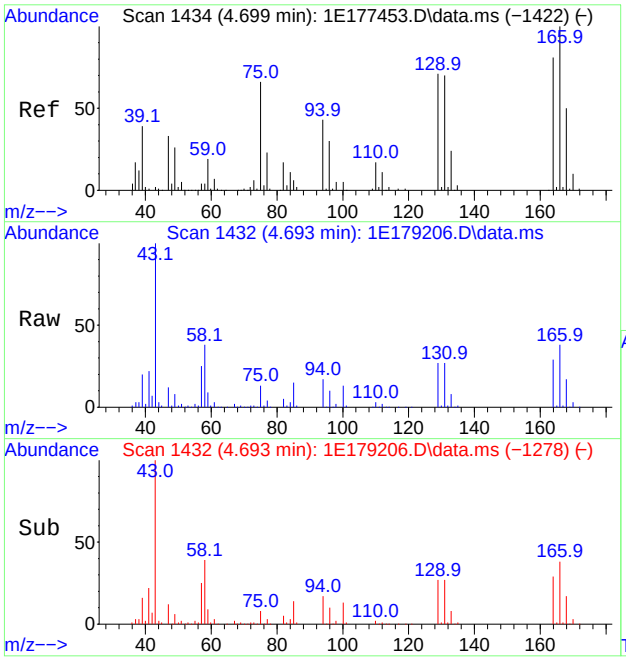


#77
1,1,2-trichloroethane
Concen: 52.1031 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 83 Resp: 61974

Ion	Ratio	Lower	Upper
83	100		
97	118.9	97.4	137.4
85	69.1	48.3	88.3
61	84.3	56.7	96.7

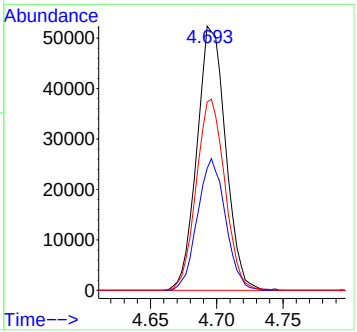


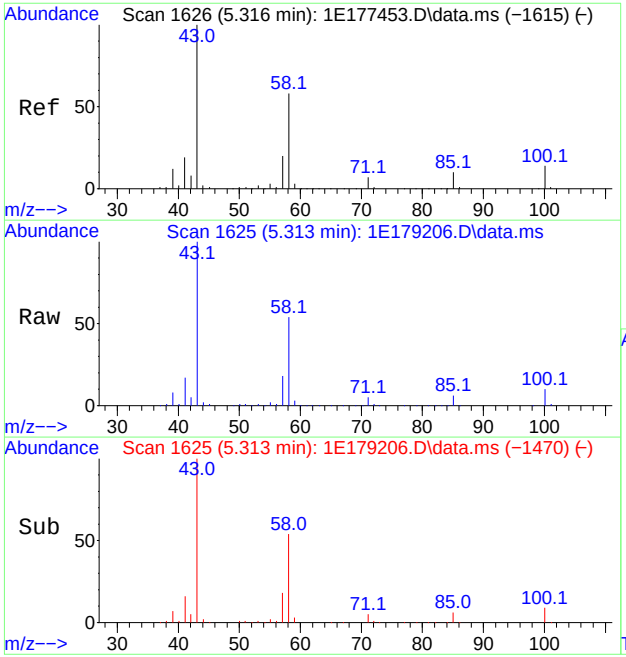


#78
tetrachloroethene
Concen: 48.7574 ug/L
RT: 4.693 min Scan# 1432
Delta R.T. -0.006 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:166 Resp: 79120

Ion	Ratio	Lower	Upper
166	100		
168	46.1	20.1	80.1
129	71.2	41.0	101.0

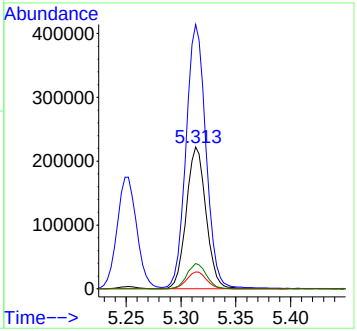


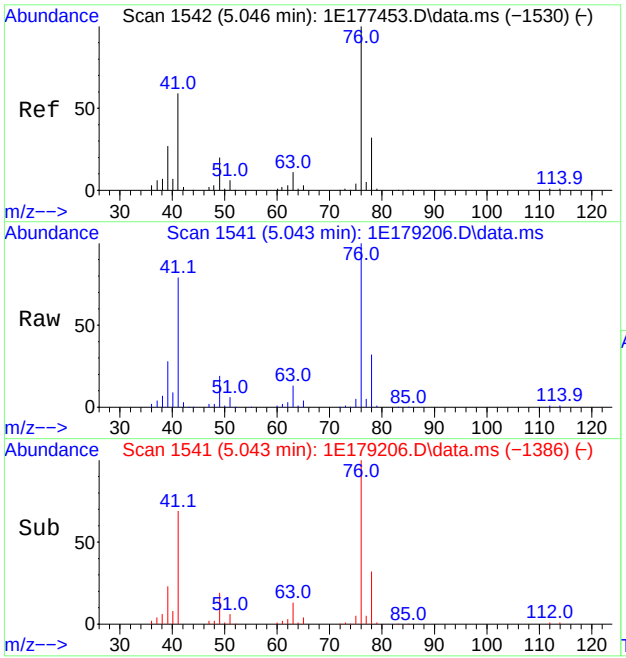


#79
2-hexanone
Concen: 280.7907 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 58 Resp: 277632

Ion	Ratio	Lower	Upper
58	100		
43	186.2	153.6	193.6
85	11.9	0.0	37.1
100	17.8	5.0	45.0

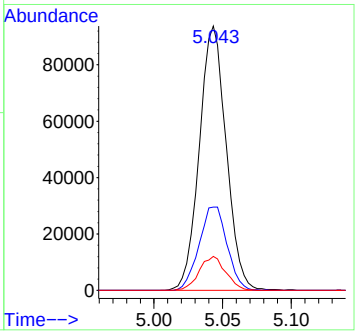


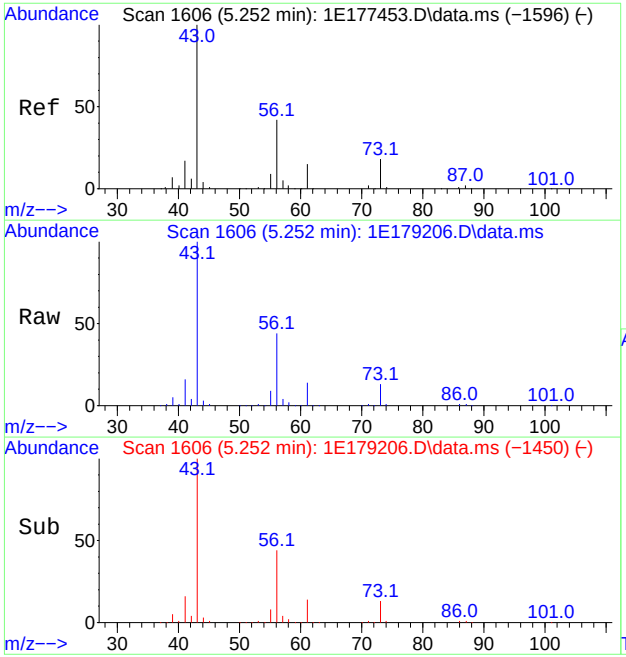


#80
1,3-dichloropropane
Concen: 55.1946 ug/L
RT: 5.043 min Scan# 1541
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 76 Resp: 127645

Ion	Ratio	Lower	Upper
76	100		
78	31.5	2.4	62.4
63	12.8	0.0	41.1

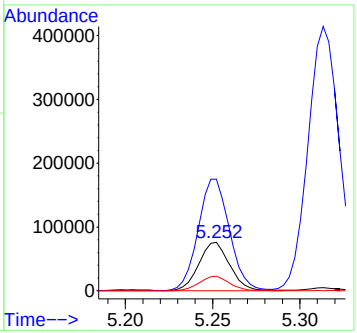


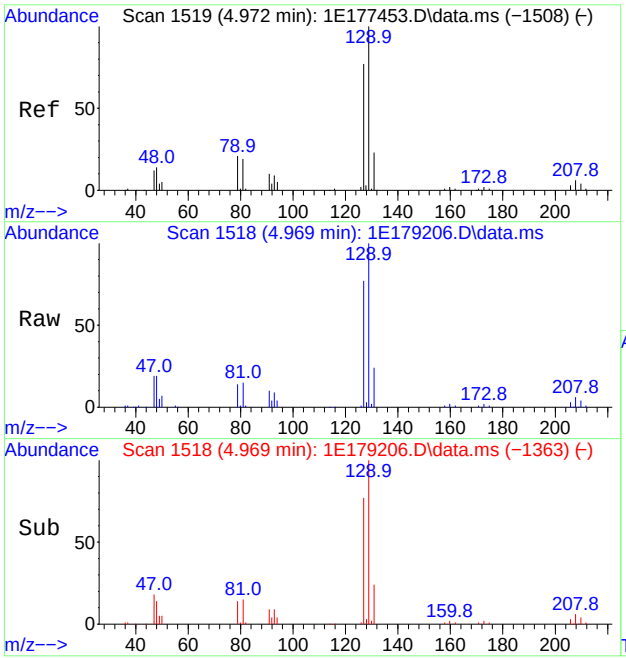


#81
butyl acetate
Concen: 79.3462 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 56 Resp: 94029

Ion	Ratio	Lower	Upper
56	100		
43	228.8	205.8	265.8
73	29.9	13.1	73.1

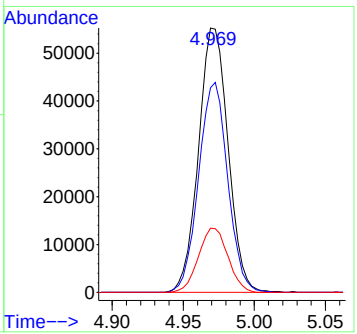


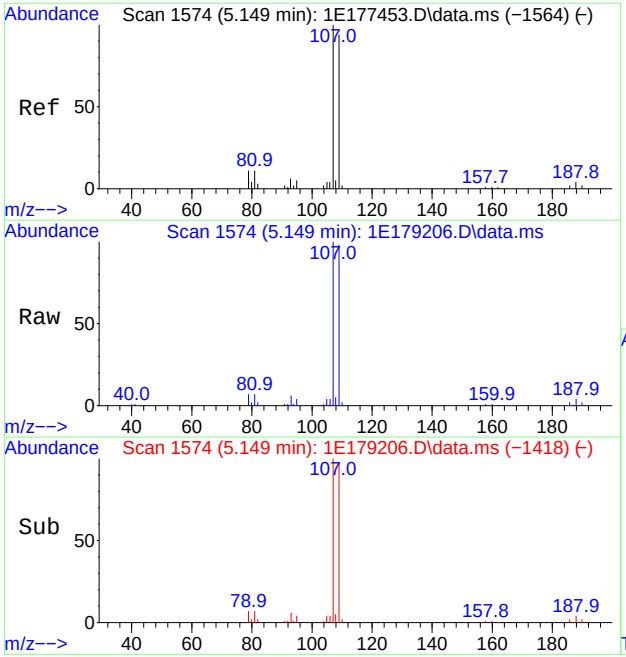


#82
dibromochloromethane
Concen: 45.1327 ug/L
RT: 4.969 min Scan# 1518
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:129 Resp: 79982

Ion	Ratio	Lower	Upper
129	100		
127	77.4	47.3	107.3
131	24.3	0.0	52.9

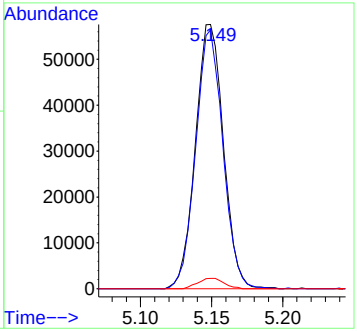


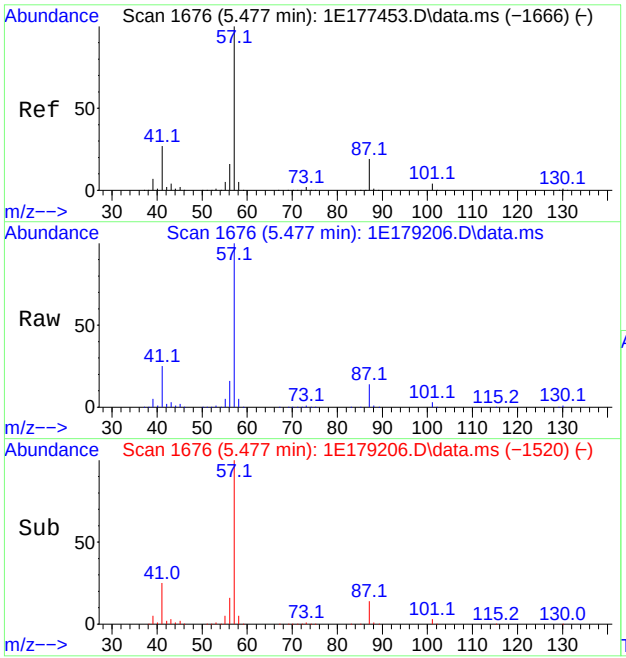


#83
1,2-dibromoethane
Concen: 51.2188 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:107 Resp: 79088

Ion	Ratio	Lower	Upper
107	100		
109	97.9	63.9	123.9
188	3.9	0.0	34.1

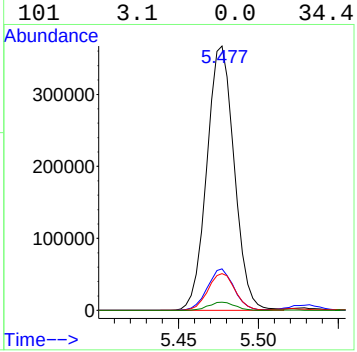


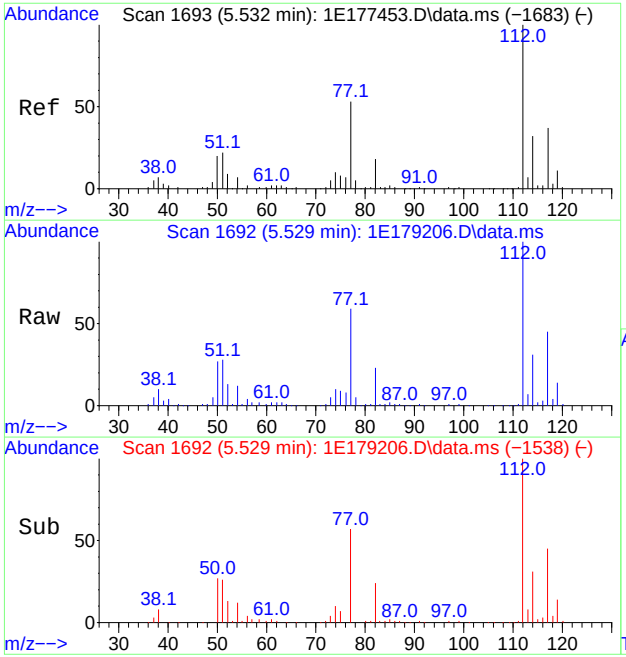


#84
n-butyl ether
Concen: 77.4969 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 57 Resp: 437848

Ion	Ratio	Lower	Upper
57	100		
56	15.7	0.0	45.9
87	13.9	0.0	49.2
101	3.1	0.0	34.4

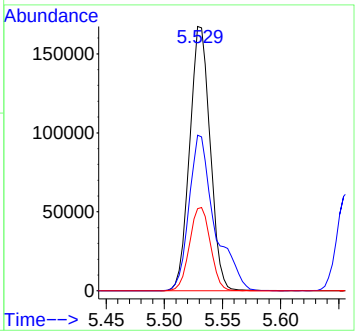


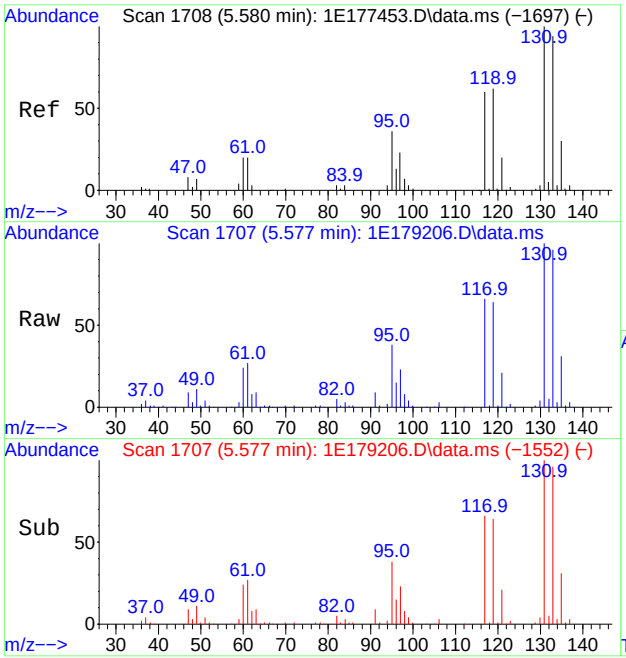


#85
chlorobenzene
Concen: 51.2599 ug/L
RT: 5.529 min Scan# 1692
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:112 Resp: 205404

Ion	Ratio	Lower	Upper
112	100		
77	58.8	23.2	83.2
114	31.1	2.3	62.3

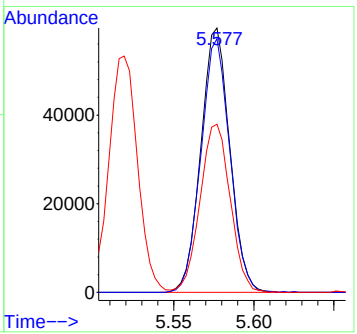


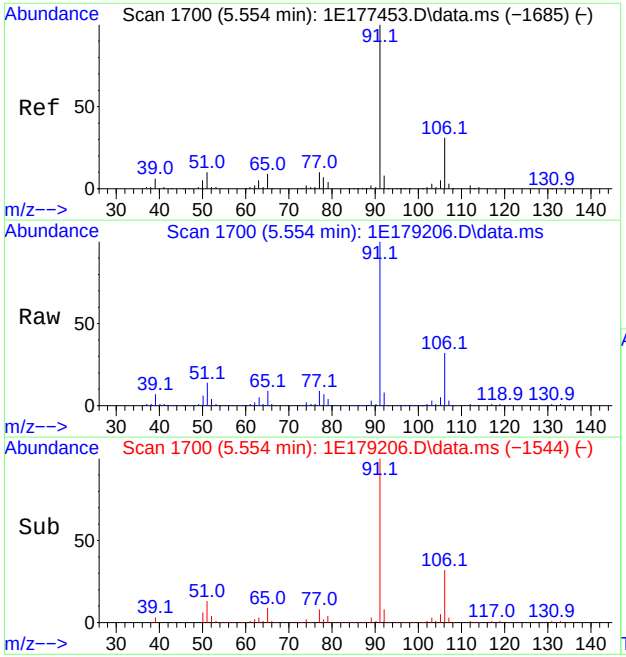


#86
1,1,1,2-tetrachloroethane
Concen: 48.4799 ug/L
RT: 5.577 min Scan# 1707
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:131 Resp: 75279

Ion	Ratio	Lower	Upper
131	100		
133	95.9	64.5	124.5
119	63.6	33.5	93.5

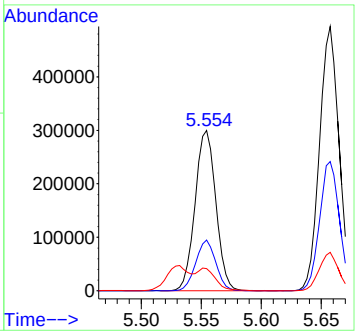


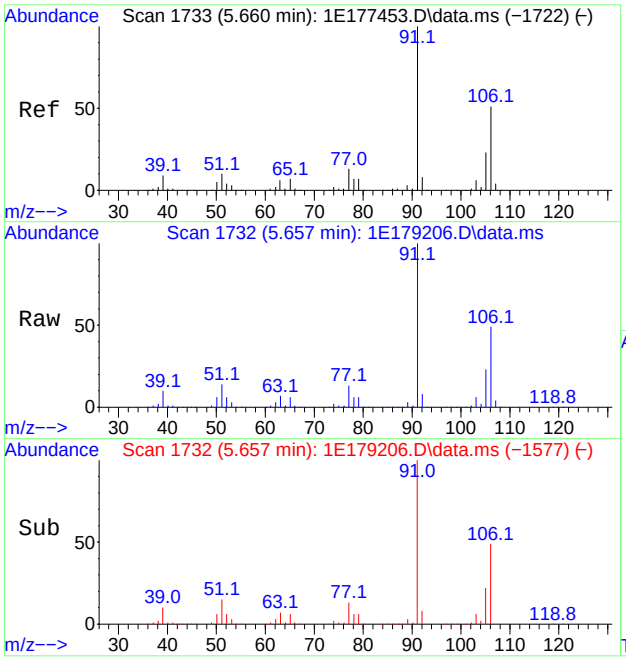


#87
ethylbenzene
Concen: 54.6304 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 91 Resp: 360768

Ion	Ratio	Lower	Upper
91	100		
106	31.6	1.0	61.0
51	13.8	0.0	40.1

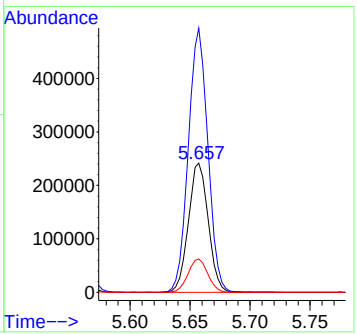


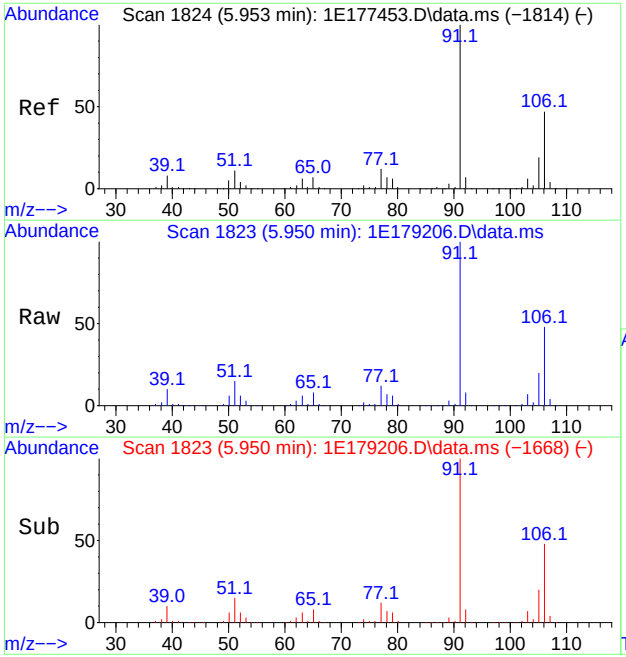


#88
m,p-xylene
Concen: 107.2740 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:106 Resp: 277920

Ion	Ratio	Lower	Upper
106	100		
91	204.3	166.4	226.4
77	25.8	5.3	45.3

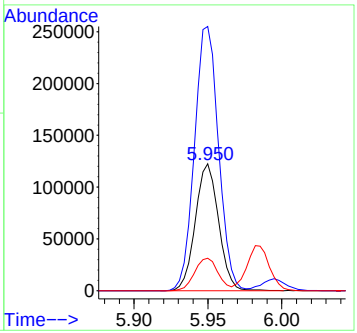


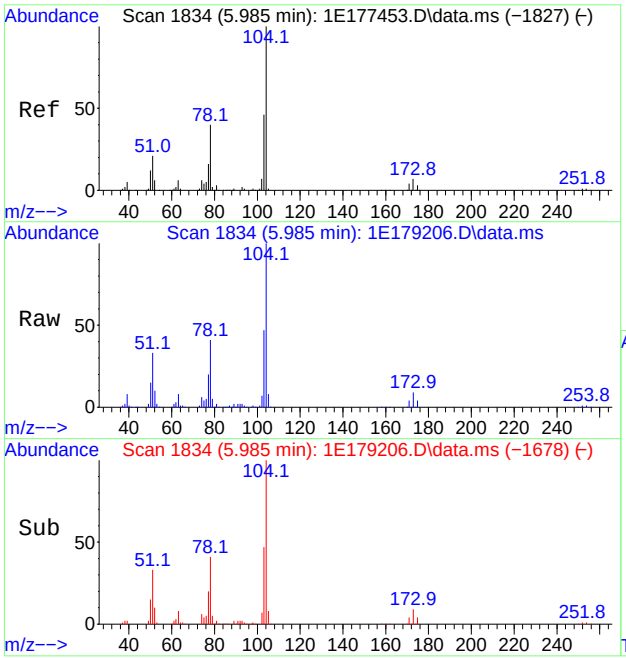


#89
o-xylene
Concen: 52.4988 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:106 Resp: 134640

Ion	Ratio	Lower	Upper
106	100		
91	208.2	184.0	244.0
77	25.7	6.6	46.6

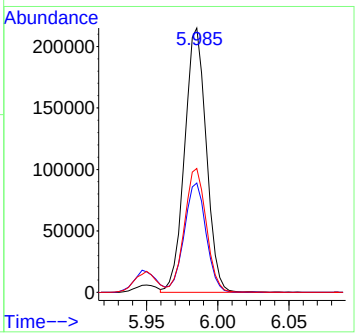




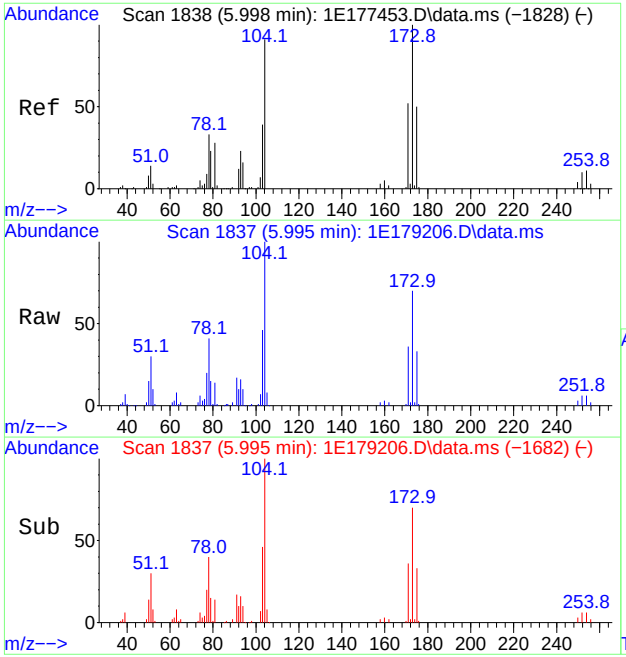
#90
styrene
Concen: 53.1412 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:104 Resp: 228043

Ion	Ratio	Lower	Upper
104	100		
78	41.4	12.2	72.2
103	46.9	18.0	78.0



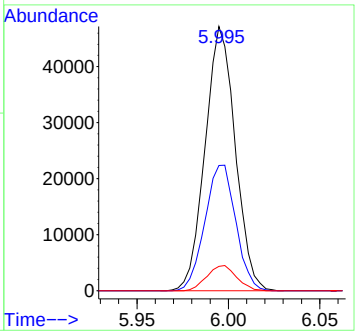
7.4.4

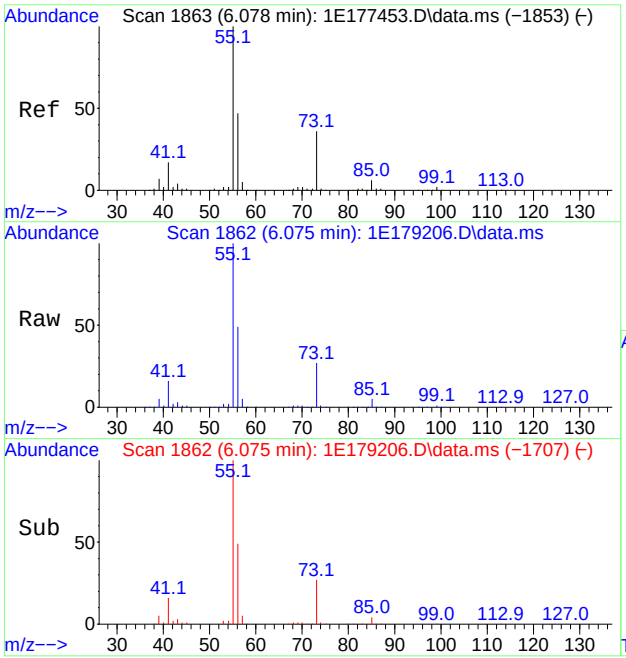


#91
bromoform
Concen: 41.9294 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:173 Resp: 54295

Ion	Ratio	Lower	Upper
173	100		
175	47.4	20.2	80.2
254	9.3	0.0	40.9

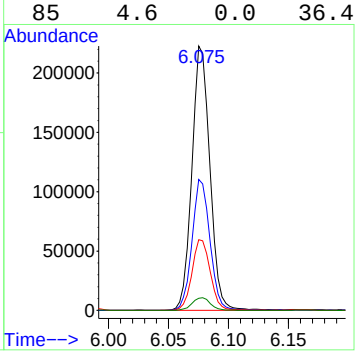


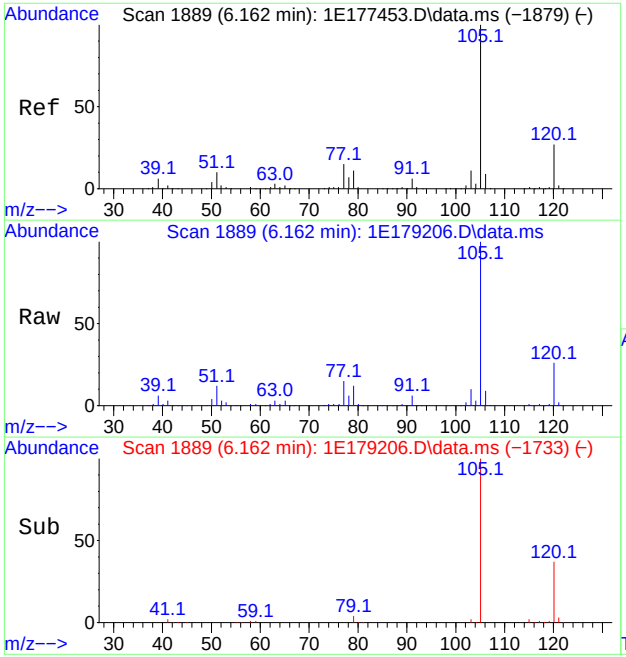


#92
butyl acrylate
Concen: 73.2124 ug/L
RT: 6.075 min Scan# 1862
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 55 Resp: 232905

Ion	Ratio	Lower	Upper
55	100		
56	49.5	17.5	77.5
73	26.7	5.8	65.8
85	4.6	0.0	36.4

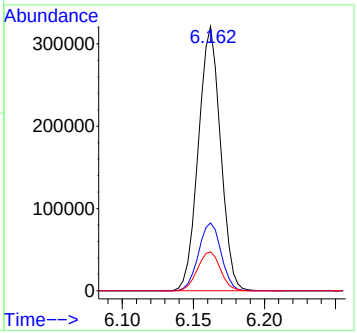


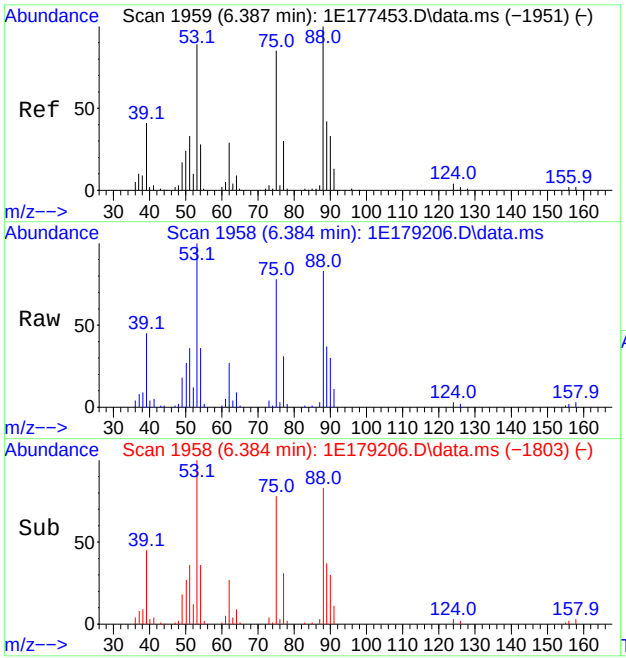


#93
isopropylbenzene
Concen: 55.8507 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:105 Resp: 347361

Ion	Ratio	Lower	Upper
105	100		
120	25.6	6.8	46.8
77	14.7	0.0	34.9

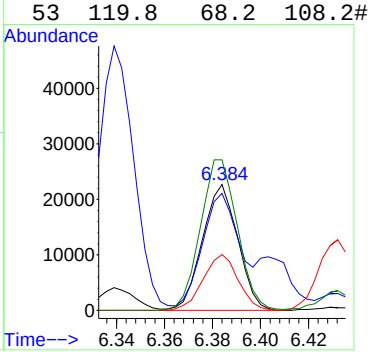


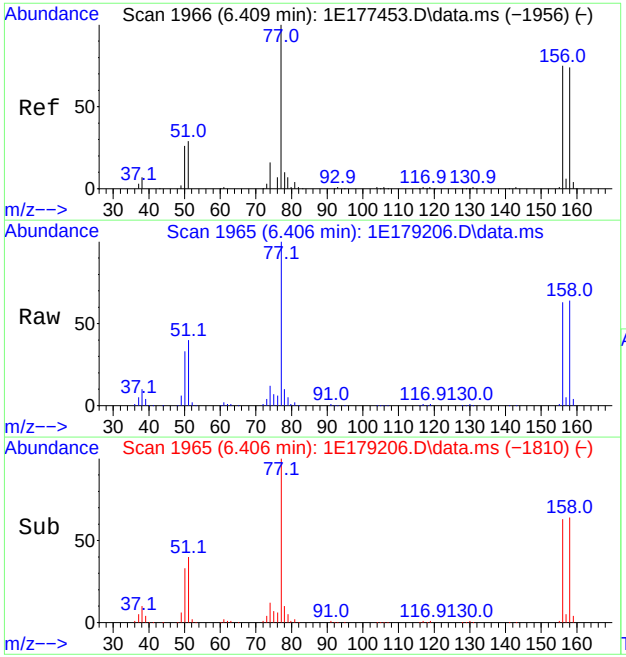


#94
cis-1,4-dichloro-2-butene
Concen: 26.5700 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 88 Resp: 23202

Ion	Ratio	Lower	Upper
88	100		
75	86.1	64.1	104.1
89	44.3	22.2	62.2
53	119.8	68.2	108.2#

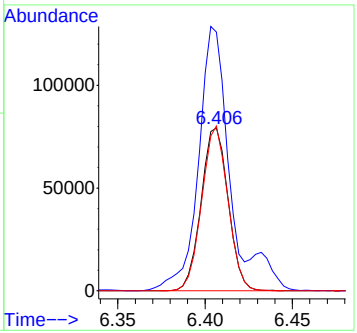


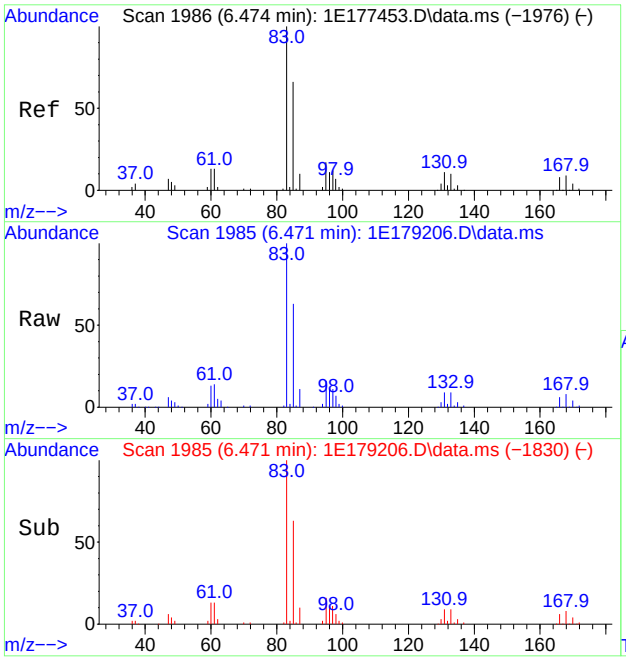


#97
bromobenzene
Concen: 51.8469 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:156 Resp: 85606

Ion	Ratio	Lower	Upper
156	100		
77	156.1	106.4	166.4
158	101.3	68.2	128.2

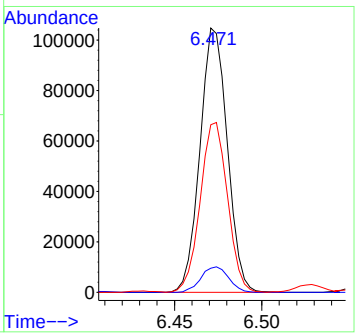


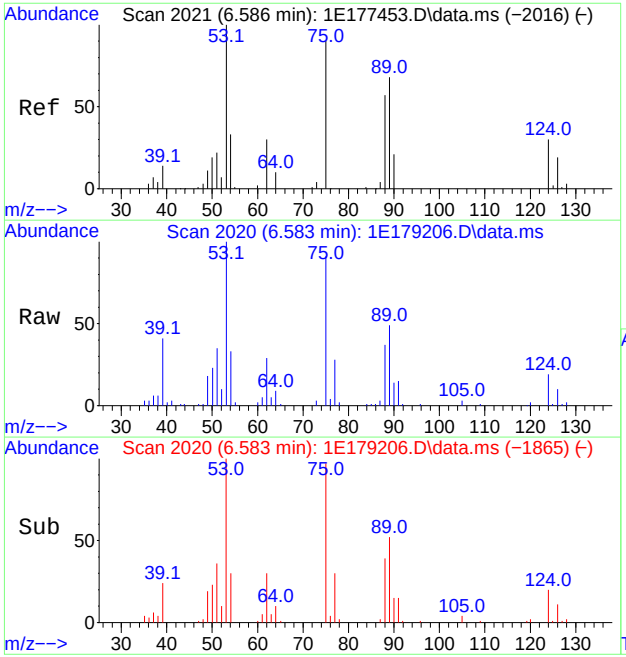


#98
1,1,2,2-tetrachloroethane
Concen: 57.6190 ug/L
RT: 6.471 min Scan# 1985
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 83 Resp: 114321

Ion	Ratio	Lower	Upper
83	100		
131	9.1	0.0	41.0
85	63.2	36.4	96.4

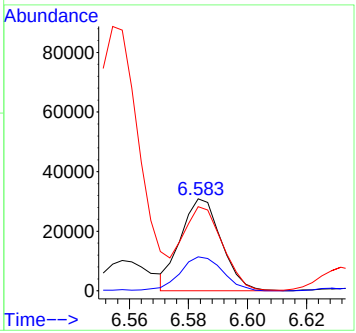


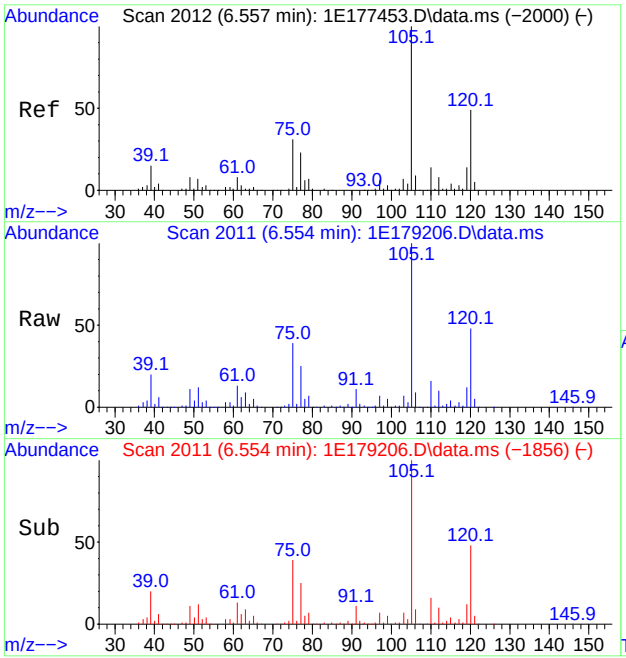


#99
trans-1,4-dichloro-2-butene
Concen: 43.2945 ug/L
RT: 6.583 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 53 Resp: 29605

Ion	Ratio	Lower	Upper
53	100		
88	36.9	22.7	82.7
75	90.8	94.8	154.8#

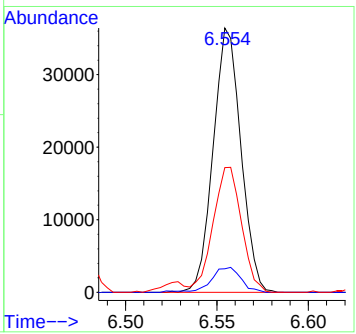


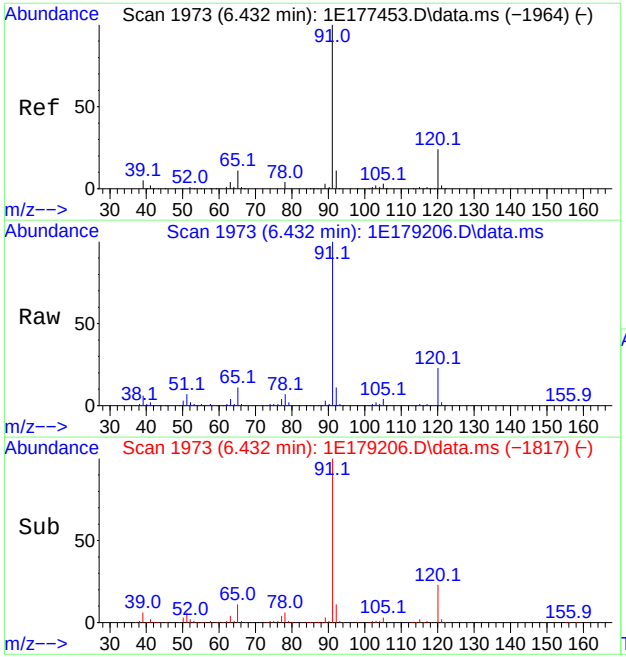


#100
1,2,3-trichloropropane
Concen: 52.7729 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:110 Resp: 38614

Ion	Ratio	Lower	Upper
110	100		
111	9.0	0.0	38.2
97	47.2	14.3	74.3

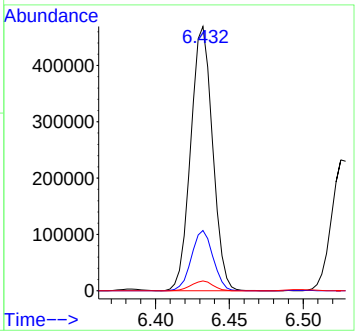


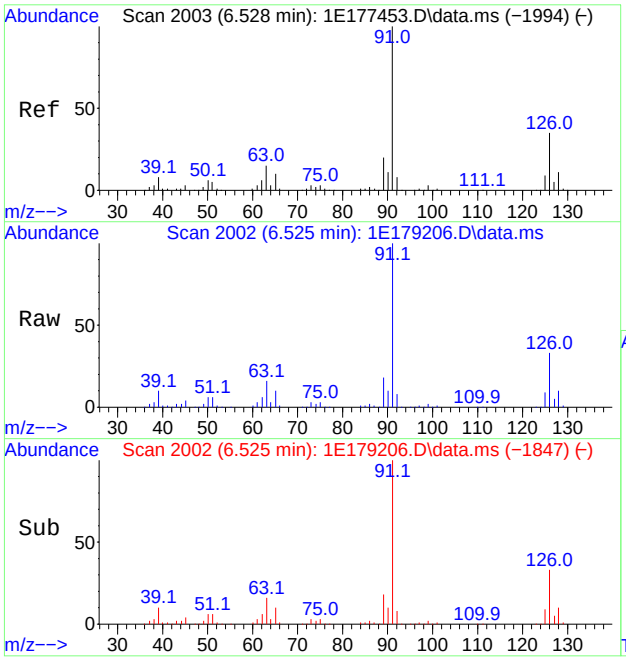


#101
n-propylbenzene
Concen: 65.9650 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 91 Resp: 482879

Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	53.6
105	3.6	0.0	33.5

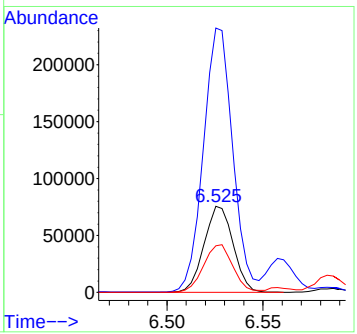


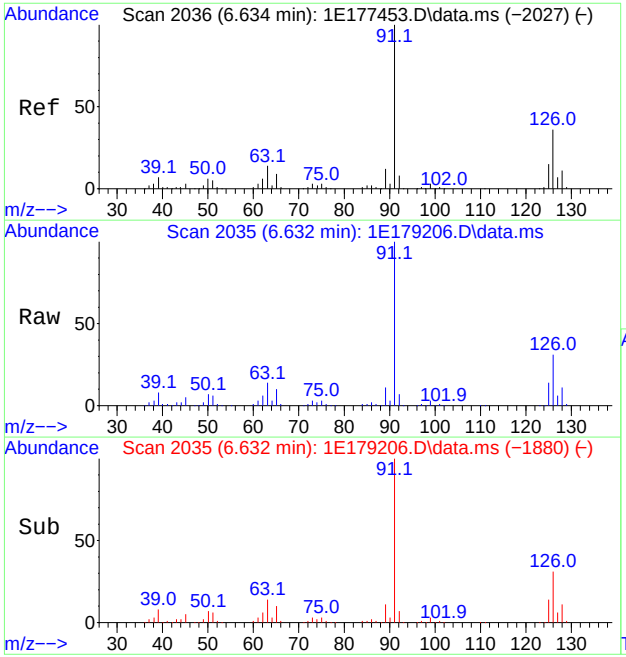


#102
2-chlorotoluene
Concen: 51.5226 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:126 Resp: 79823

Ion	Ratio	Lower	Upper
126	100		
91	307.1	257.7	317.7
89	54.1	26.9	86.9

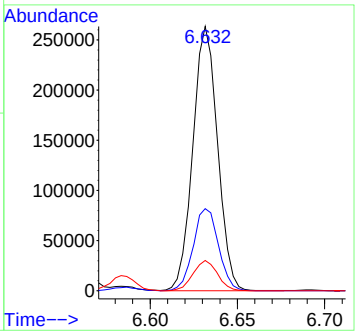


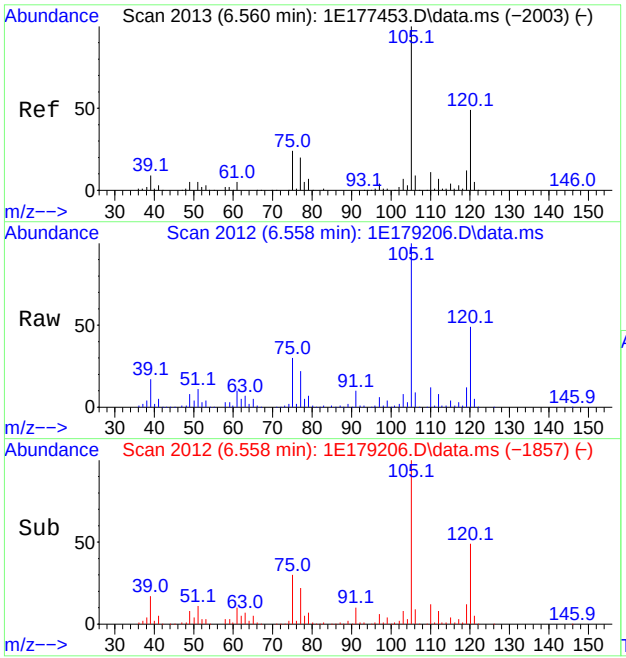


#103
4-chlorotoluene
Concen: 55.1629 ug/L
RT: 6.632 min Scan# 2035
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion: 91 Resp: 259517

Ion	Ratio	Lower	Upper
91	100		
126	31.1	5.7	65.7
89	11.5	0.0	41.7

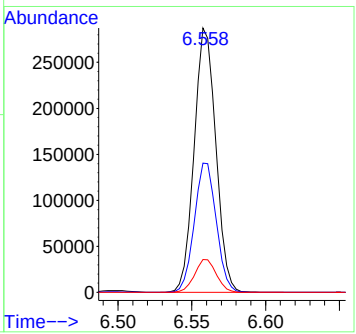


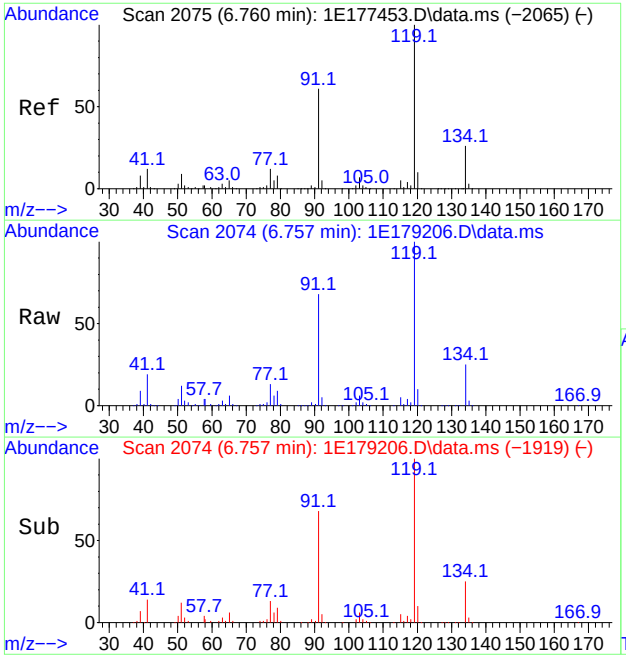


#104
1,3,5-trimethylbenzene
Concen: 55.2361 ug/L
RT: 6.558 min Scan# 2012
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:105 Resp: 293108

Ion	Ratio	Lower	Upper
105	100		
120	48.8	18.8	78.8
119	12.4	0.0	42.5

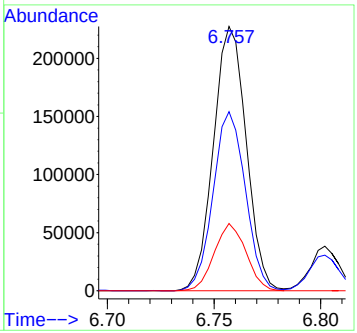


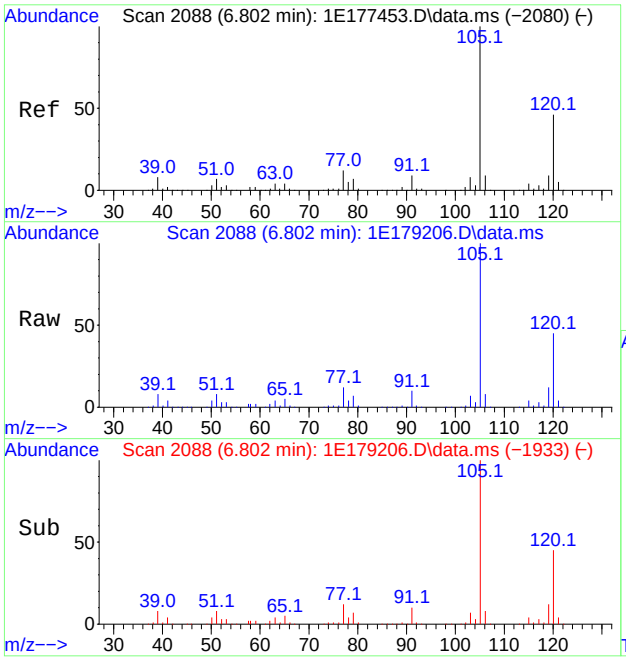


#105
tert-butylbenzene
Concen: 53.5035 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:119 Resp: 244526

Ion	Ratio	Lower	Upper
119	100		
91	67.7	30.8	90.8
134	25.5	0.0	55.6

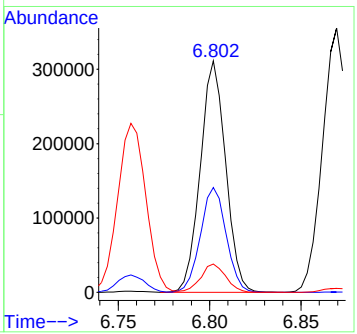


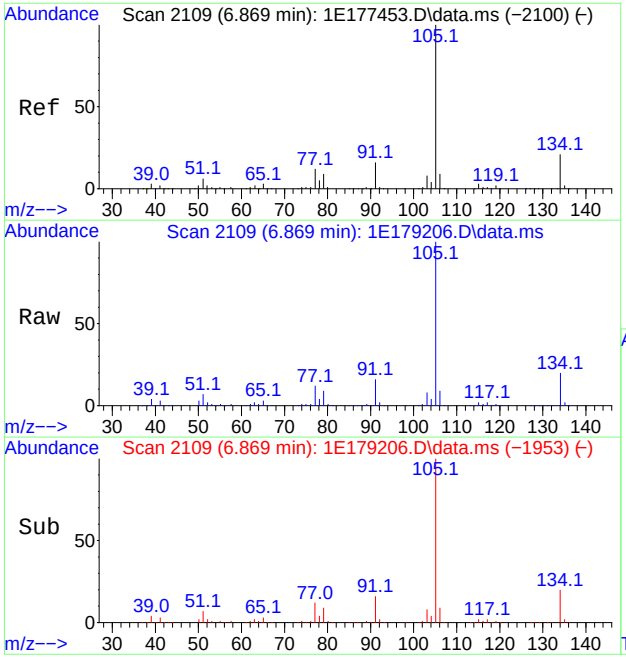


#106
1,2,4-trimethylbenzene
Concen: 54.9821 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:105 Resp: 300566

Ion	Ratio	Lower	Upper
105	100		
120	45.3	16.7	76.7
119	12.3	0.0	42.3

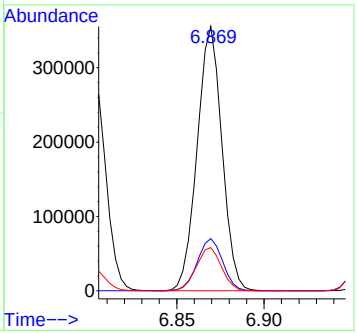


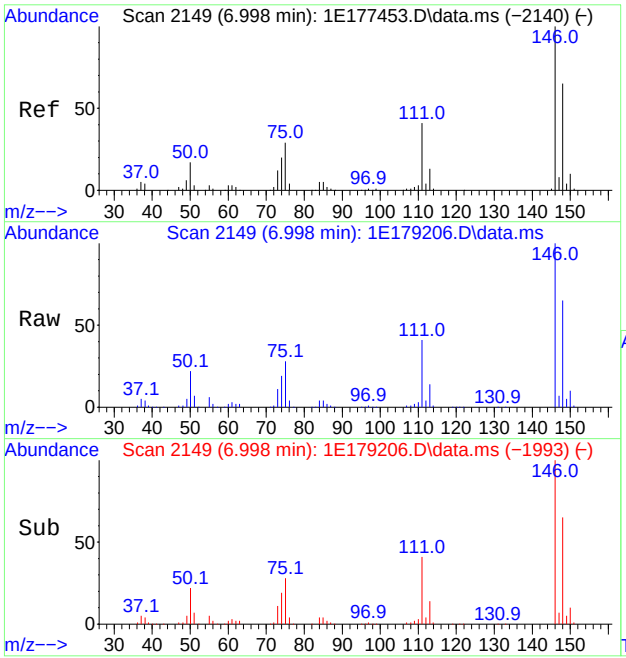


#107
sec-butylbenzene
Concen: 54.7720 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:105 Resp: 351864

Ion	Ratio	Lower	Upper
105	100		
134	19.7	0.0	51.2
91	16.3	0.0	46.0

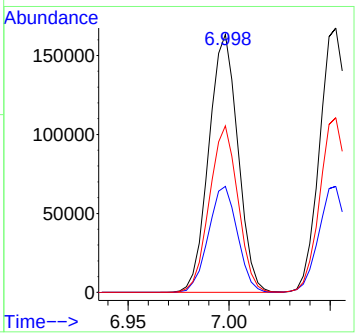


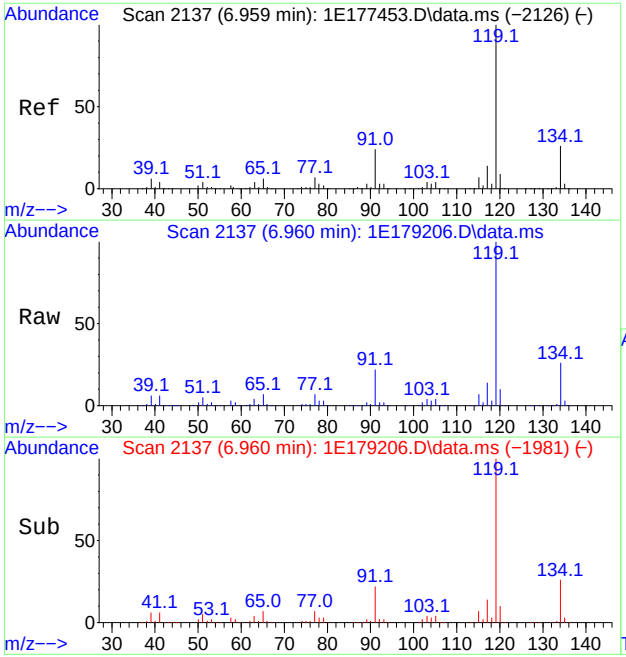


#108
1,3-dichlorobenzene
Concen: 51.7470 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:146 Resp: 163723

Ion	Ratio	Lower	Upper
146	100		
111	41.1	11.3	71.3
148	64.6	34.9	94.9

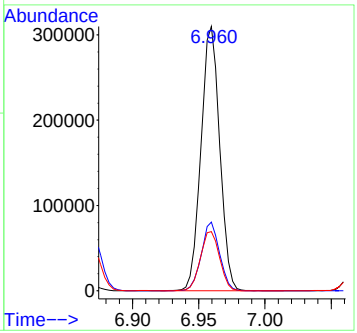


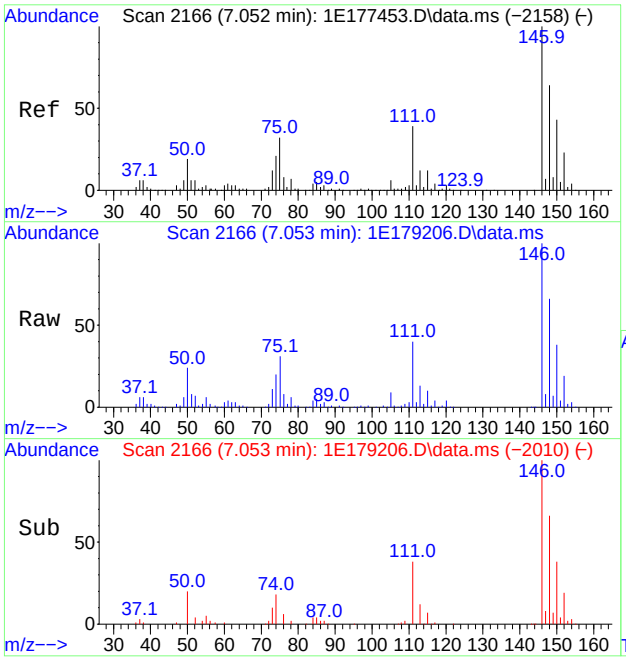


#109
p-isopropyltoluene
Concen: 55.5982 ug/L
RT: 6.960 min Scan# 2137
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:119 Resp: 304618

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	56.2
91	22.4	0.0	53.6

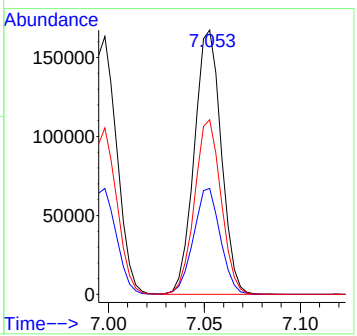


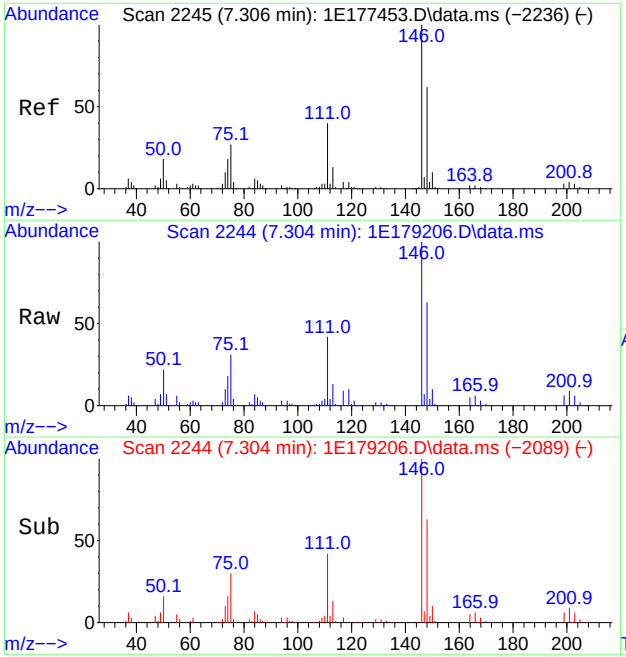


#110
1,4-dichlorobenzene
Concen: 48.5936 ug/L
RT: 7.053 min Scan# 2166
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:146 Resp: 163765

Ion	Ratio	Lower	Upper
146	100		
111	40.0	9.4	69.4
148	66.1	34.4	94.4

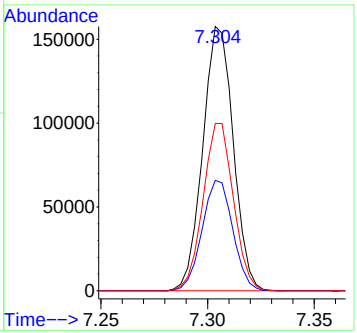


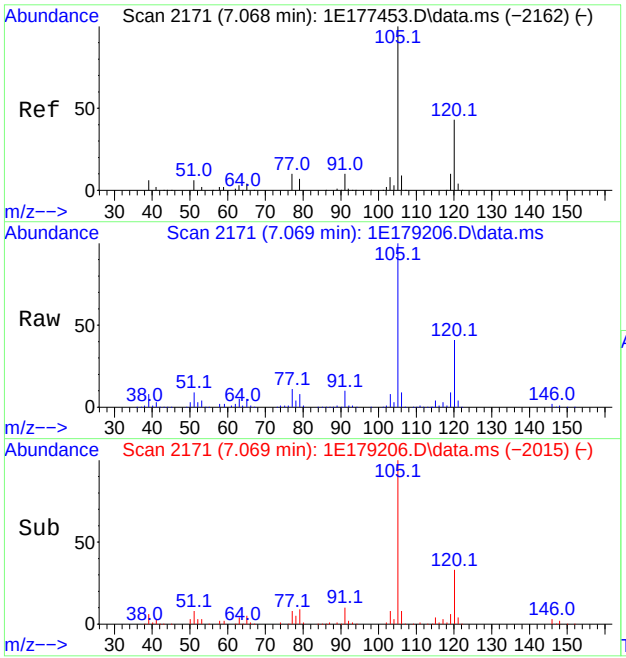


#111
1,2-dichlorobenzene
Concen: 49.8551 ug/L
RT: 7.304 min Scan# 2244
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:146 Resp: 157070

Ion	Ratio	Lower	Upper
146	100		
111	41.8	10.1	70.1
148	63.2	31.9	91.9

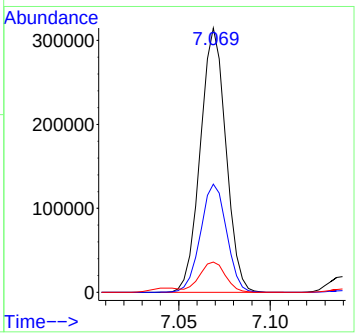


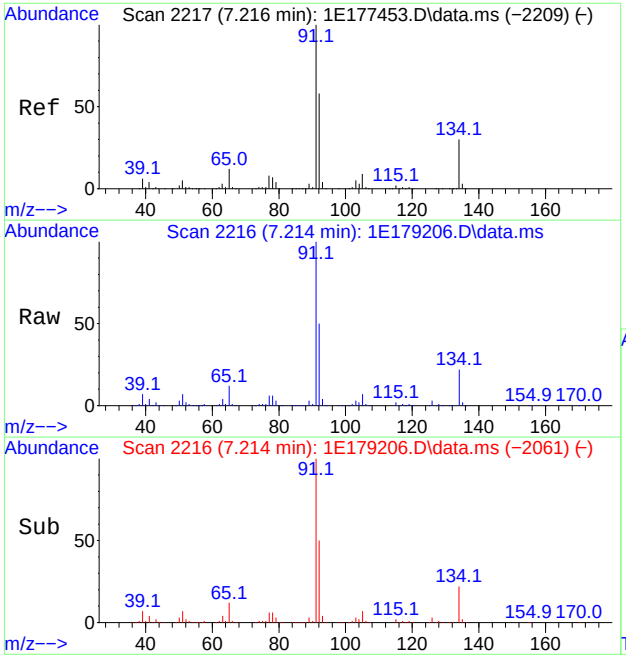


#112
1,2,3-trimethylbenzene
Concen: 54.2140 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:105 Resp: 305742

Ion	Ratio	Lower	Upper
105	100		
120	40.8	13.3	73.3
77	11.4	0.0	41.9

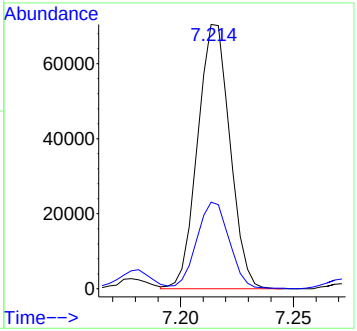


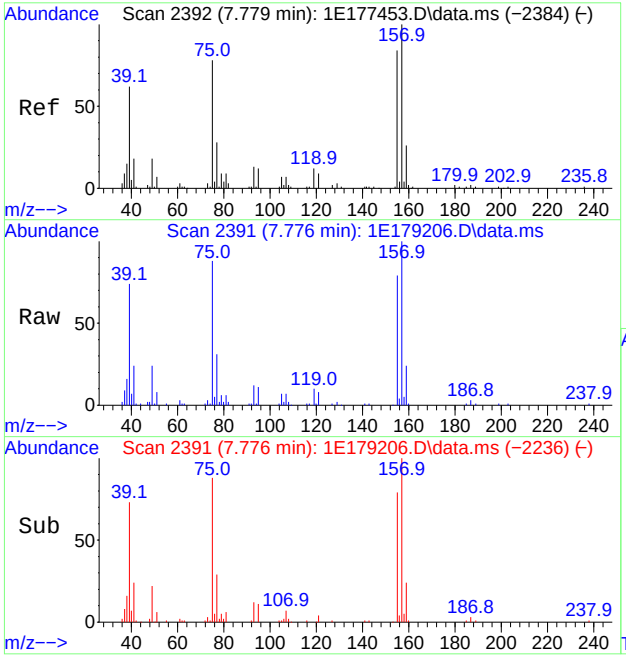


#113
n-butylbenzene
Concen: 53.2621 ug/L
RT: 7.214 min Scan# 2216
Delta R.T. -0.002 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:134 Resp: 69929

Ion	Ratio	Lower	Upper
134	100		
105	32.5	0.7	60.7

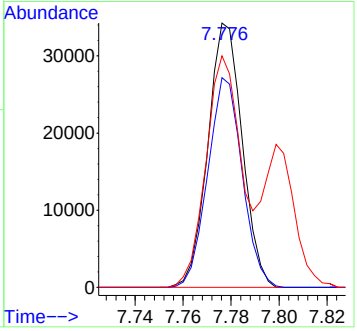


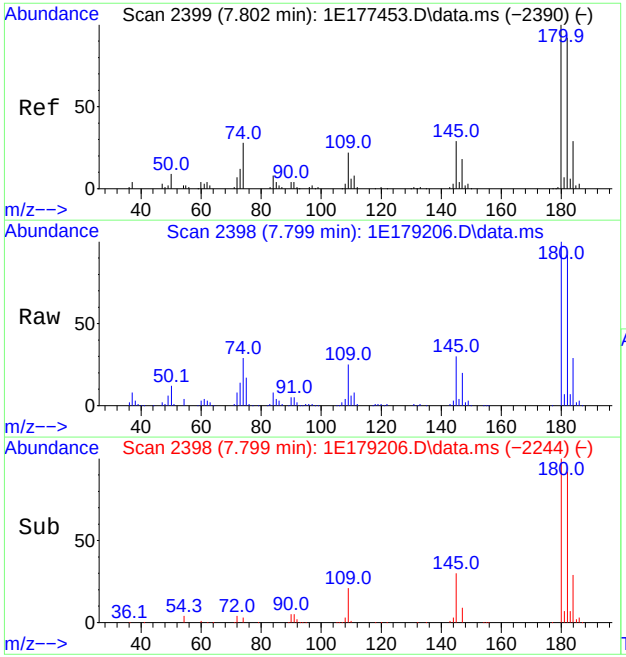


#114
1,2-dibromo-3-chloropropane
Concen: 49.4534 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:157 Resp: 34036

Ion	Ratio	Lower	Upper
157	100		
155	79.3	54.1	114.1
75	87.6	48.2	108.2

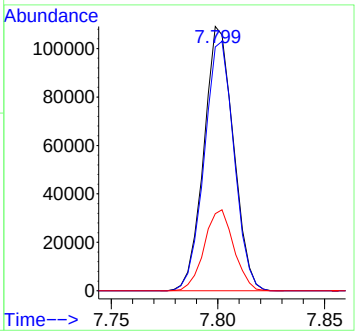


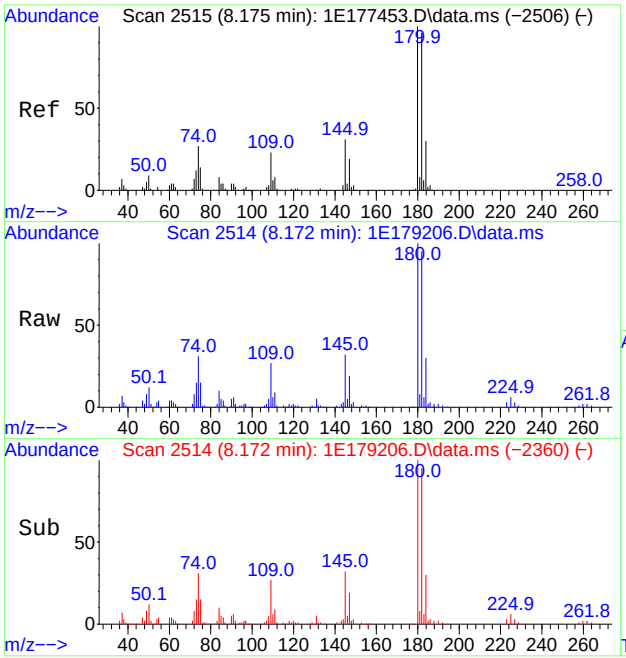


#115
1,3,5-trichlorobenzene
Concen: 48.9142 ug/L
RT: 7.799 min Scan# 2398
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:180 Resp: 105428

Ion	Ratio	Lower	Upper
180	100		
182	92.2	71.6	111.6
184	29.2	9.2	49.2

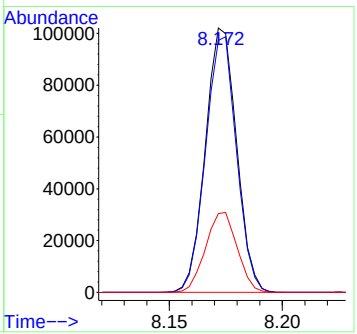


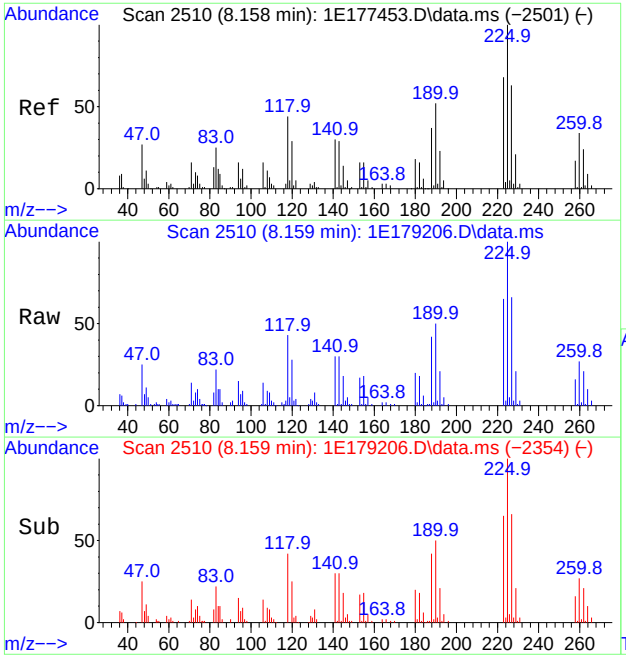


#116
1,2,4-trichlorobenzene
Concen: 48.2683 ug/L
RT: 8.172 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:180 Resp: 98085

Ion	Ratio	Lower	Upper
180	100		
182	95.3	65.8	125.8
184	29.8	0.0	59.9

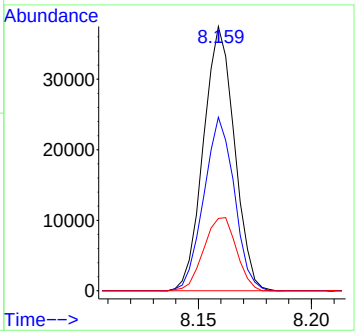


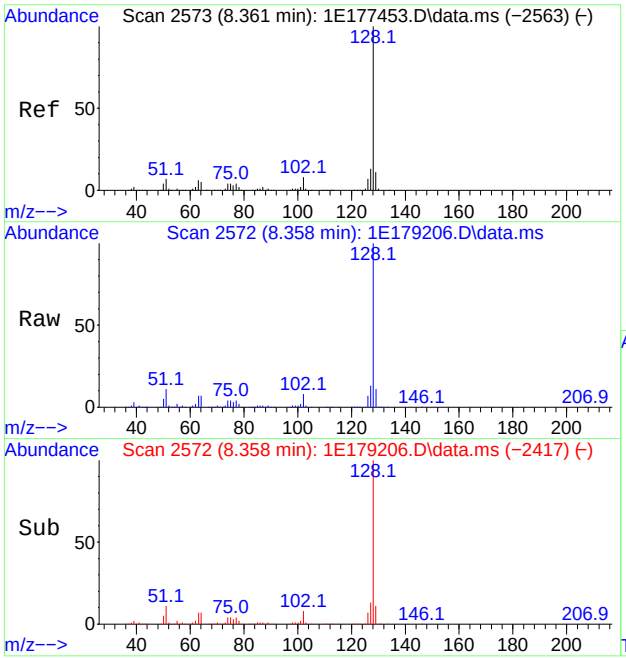


#117
hexachlorobutadiene
Concen: 48.9477 ug/L
RT: 8.159 min Scan# 2510
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:225 Resp: 35686

Ion	Ratio	Lower	Upper
225	100		
227	65.6	32.9	92.9
260	27.3	3.9	63.9

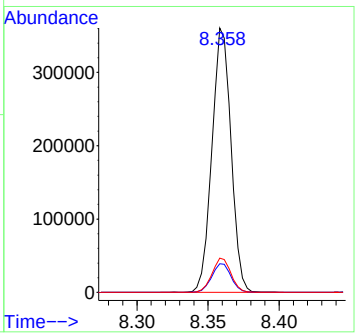


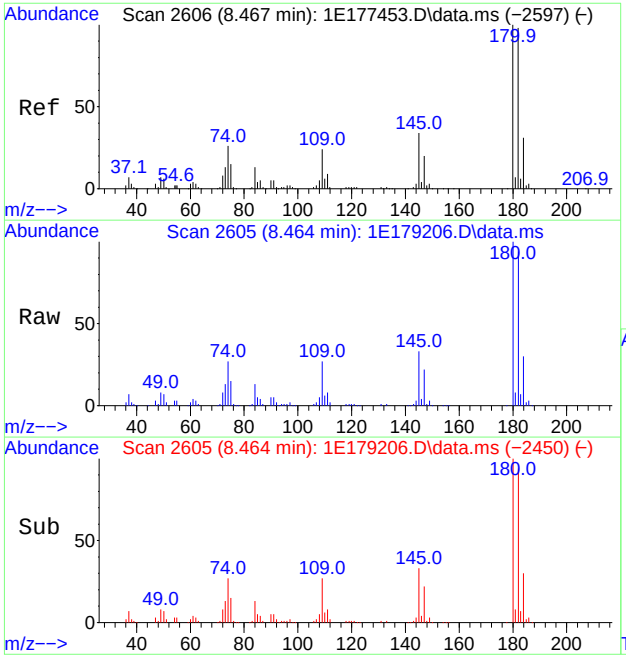


#118
naphthalene
Concen: 50.3379 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:128 Resp: 336556

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	40.8
127	13.0	0.0	42.7

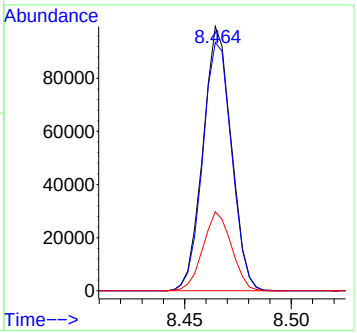


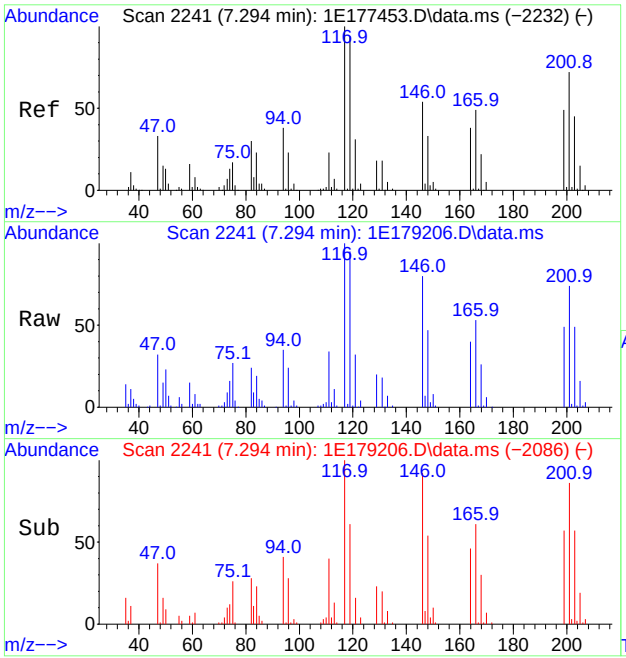


#119
1,2,3-trichlorobenzene
Concen: 47.8623 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:180 Resp: 92261

Ion	Ratio	Lower	Upper
180	100		
182	93.9	67.6	127.6
184	30.0	1.0	61.0

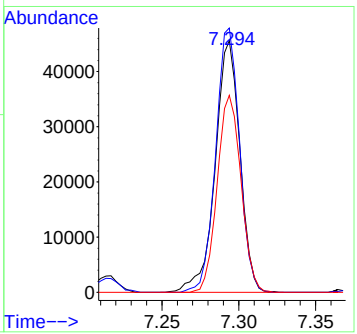


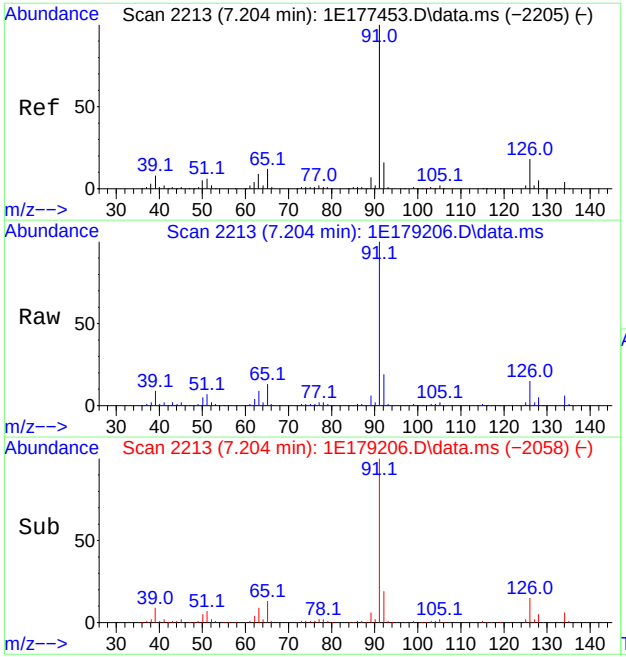


#120
hexachloroethane
Concen: 51.0744 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:119 Resp: 50997

Ion	Ratio	Lower	Upper
119	100		
117	105.1	75.9	135.9
201	78.3	46.7	106.7

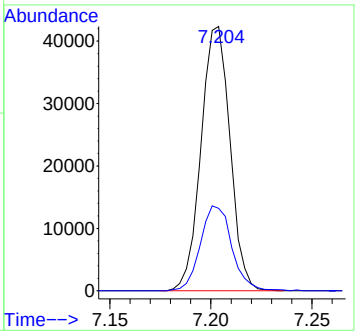


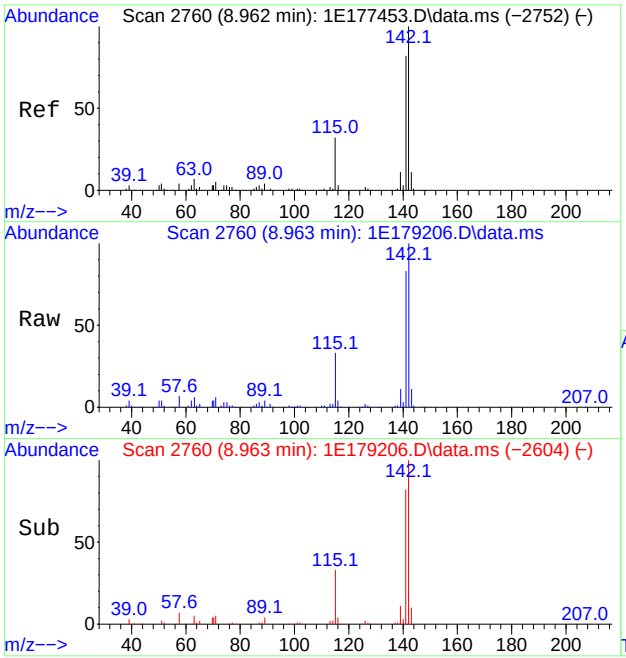


#121
benzyl chloride
Concen: 50.5321 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. -0.000 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:126 Resp: 42307

Ion	Ratio	Lower	Upper
126	100		
128	31.2	0.9	60.9

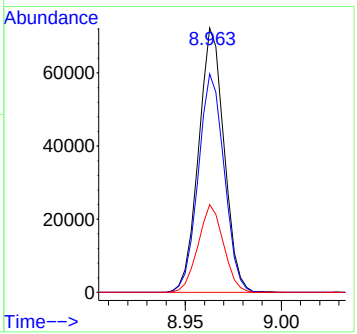




#122
2-methylnaphthalene
Concen: 22.9518 ug/L
RT: 8.963 min Scan# 2760
Delta R.T. 0.001 min
Lab File: 1E179206.D
Acq: 21 Dec 2023 04:01 pm

Tgt Ion:142 Resp: 66870

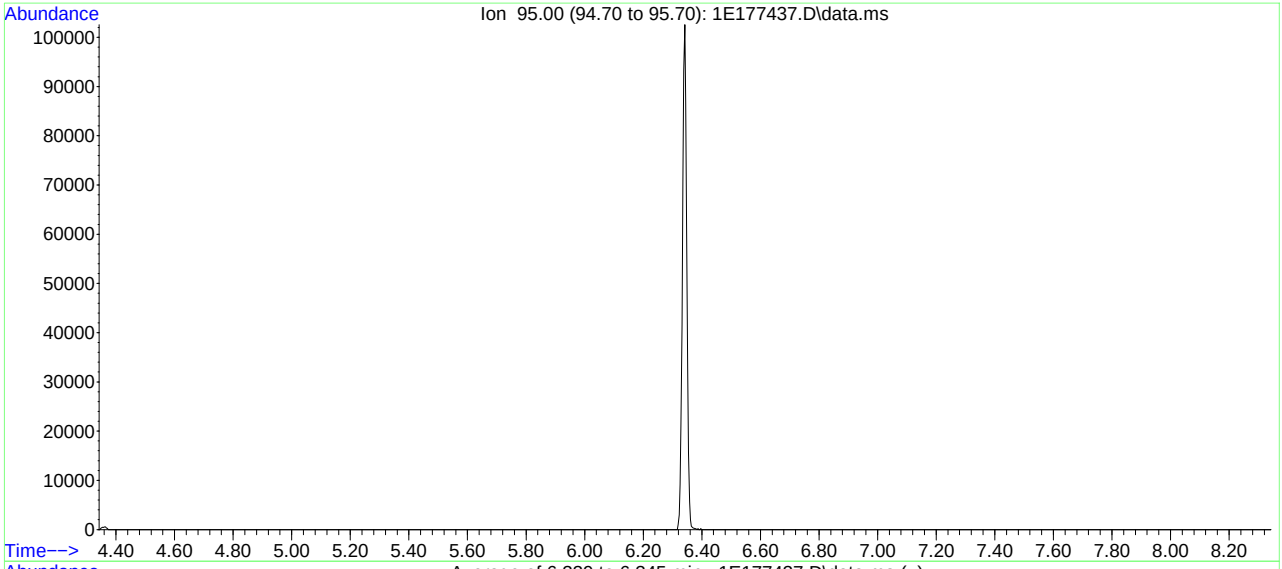
Ion	Ratio	Lower	Upper
142	100		
141	82.6	52.4	112.4
115	33.2	2.0	62.0



BFB

Data File : C:\msdchem\1\data\Initials\VE8736\1E177437.D Vial: 9
Acq On : 26 Oct 2023 03:22 pm Operator: louied
Sample : bfb Inst : GCMS-E
Misc : MS73856,V1E8736,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1B6584.M (RTE Integrator)
Title : method 524, rxi624 60mx0.25mmx1.4um



AutoFind: Scans 1944, 1945, 1946; Background Corrected with Scan 1935

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	18113	PASS
75	95	30	80	49.2	46376	PASS
95	95	100	100	100.0	94195	PASS
96	95	5	9	6.8	6369	PASS
173	174	0.00	2	1.2	977	PASS
174	95	50	120	85.1	80123	PASS
175	174	5	9	7.5	6013	PASS
176	174	95	101	96.4	77275	PASS
177	176	5	9	7.0	5375	PASS

1E177437.D M1B6584.M Mon Oct 30 10:37:56 2023

Average of 6.339 to 6.345 min.: 1E177437.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	899	49.00	4045	63.05	3852	77.00	704
37.10	4653	50.05	18113	64.05	368	77.95	429
38.05	4360	51.00	5906	66.95	310	78.90	4019
39.05	1745	52.05	253	68.00	9281	79.85	1049
39.85	32	54.80	96	69.00	9408	80.90	4125
42.90	116	55.00	195	70.05	830	81.90	884
44.00	717	56.00	1850	71.95	548	86.00	56
45.00	839	57.00	2944	73.00	4328	87.00	4111
46.10	52	60.00	934	74.05	16036	87.95	3657
47.05	776	61.00	4638	75.05	46376	90.90	514
47.95	590	62.00	4632	76.05	4034	92.00	2890

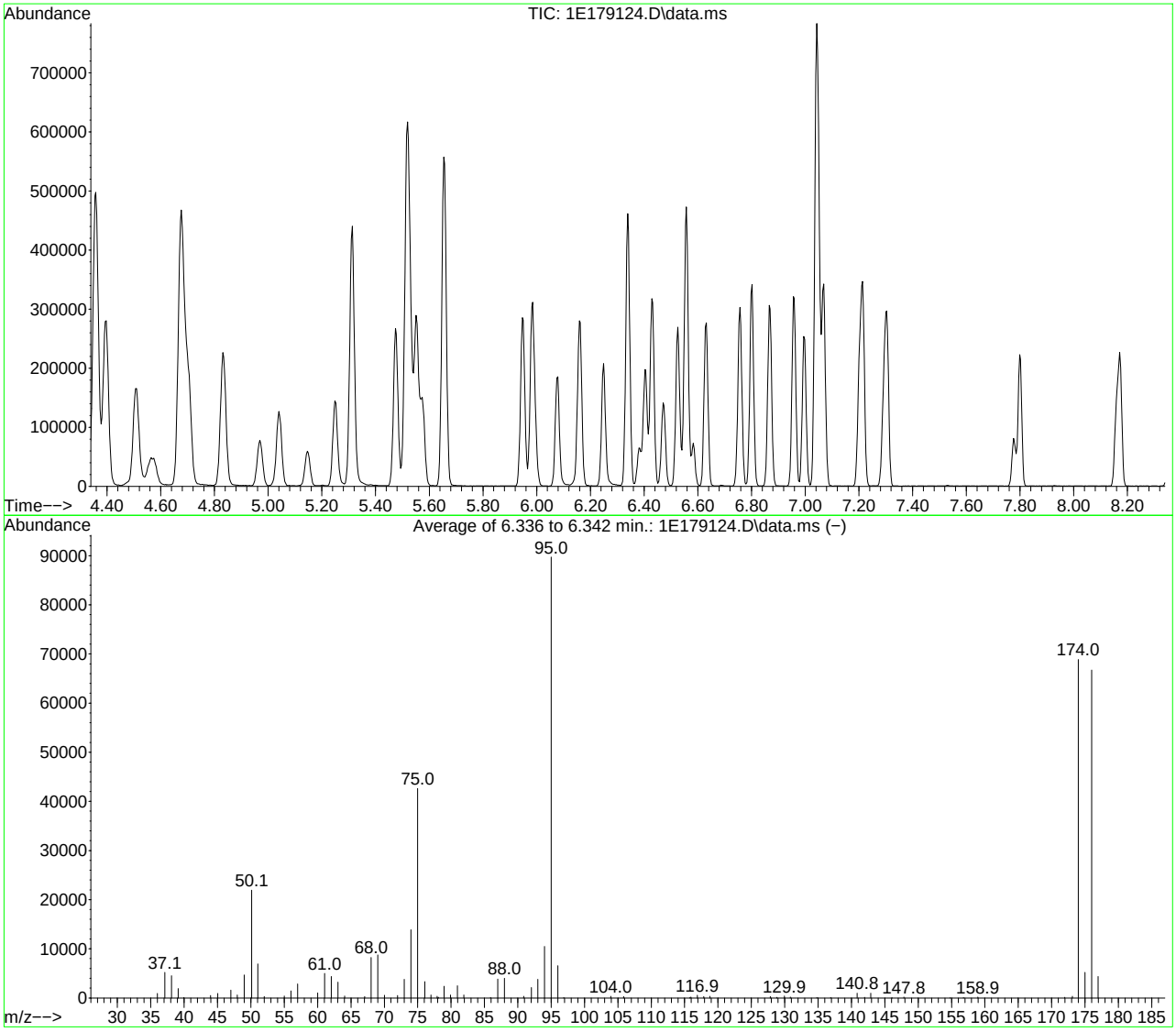
Average of 6.339 to 6.345 min.: 1E177437.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	4240	116.85	649	141.90	63	173.05	977
94.00	12217	117.90	381	142.90	1181	173.95	80123
95.00	94195	118.85	581	143.90	64	175.00	6013
96.05	6369	127.85	366	145.80	56	175.90	77275
97.00	137	128.80	56	147.85	245	176.90	5375
103.85	474	129.00	97	154.85	256	177.90	56
104.95	158	129.85	395	156.80	69		
105.90	462	134.80	247	158.90	204		
110.70	52	136.80	225	160.80	60		
115.00	71	140.00	75	171.30	63		
115.90	412	140.85	1163	171.60	61		

SW-846 Method 8260

Data File : X:\Dayton VOA GCMS\k...23\v1e8773\1E179124.D Vial: 7
Acq On : 20 Dec 2023 10:20 am Operator: NICKW
Sample : bfb Inst : GCMS-E
Misc : MS76187,V1E8773,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um



AutoFind: Scans 1943, 1944, 1945; Background Corrected with Scan 1934

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	21904	PASS
75	95	30	60	47.5	42608	PASS
95	95	100	100	100.0	89701	PASS
96	95	5	9	7.3	6547	PASS
173	174	0.00	2	0.5	331	PASS
174	95	50	120	76.7	68843	PASS
175	174	5	9	7.5	5191	PASS
176	174	95	101	96.9	66723	PASS
177	176	5	9	6.6	4392	PASS

1E179124.D M1K376.M Thu Dec 21 04:40:52 2023

Average of 6.336 to 6.342 min.: 1E179124.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	903	51.05	6949	68.00	8209	78.95	2394
37.10	5202	52.00	291	69.00	8767	79.90	603
38.10	4545	55.00	416	70.00	551	80.95	2463
39.10	1897	56.00	1425	72.00	476	81.90	605
39.95	92	57.00	2832	73.00	3780	85.90	81
43.95	478	60.00	998	74.00	13898	87.00	3834
45.05	905	61.05	5006	75.00	42608	88.00	4008
47.00	1614	62.05	4347	76.05	3317	90.90	360
47.95	582	63.05	3193	77.00	586	92.05	2145
49.00	4698	64.05	393	77.90	324	93.00	3778
50.10	21904	67.05	306	78.10	124	94.00	10494

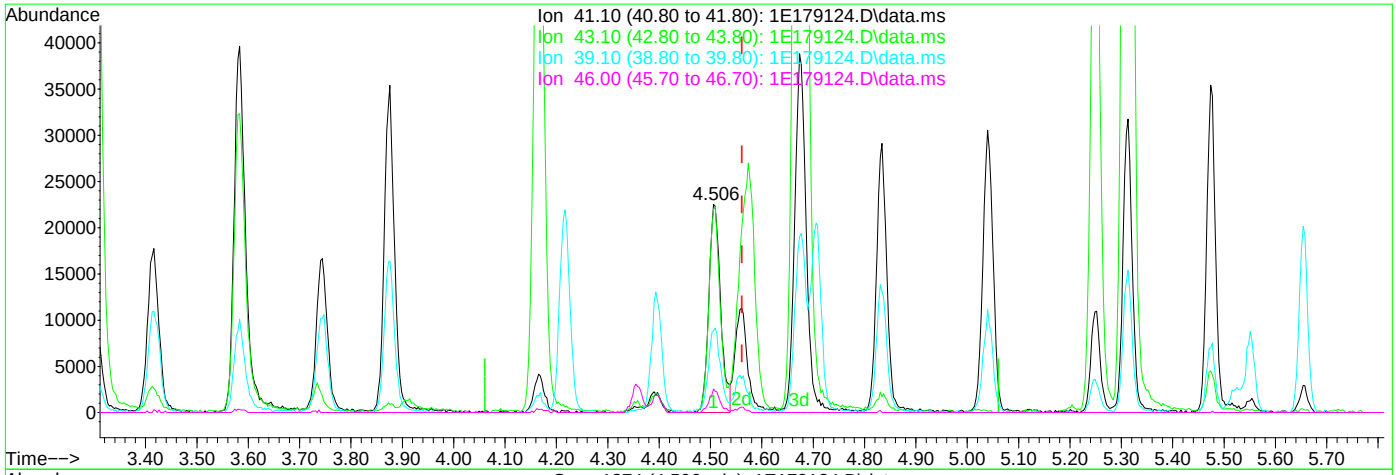
Average of 6.336 to 6.342 min.: 1E179124.D\data.ms
bfb
Modified:subtracted

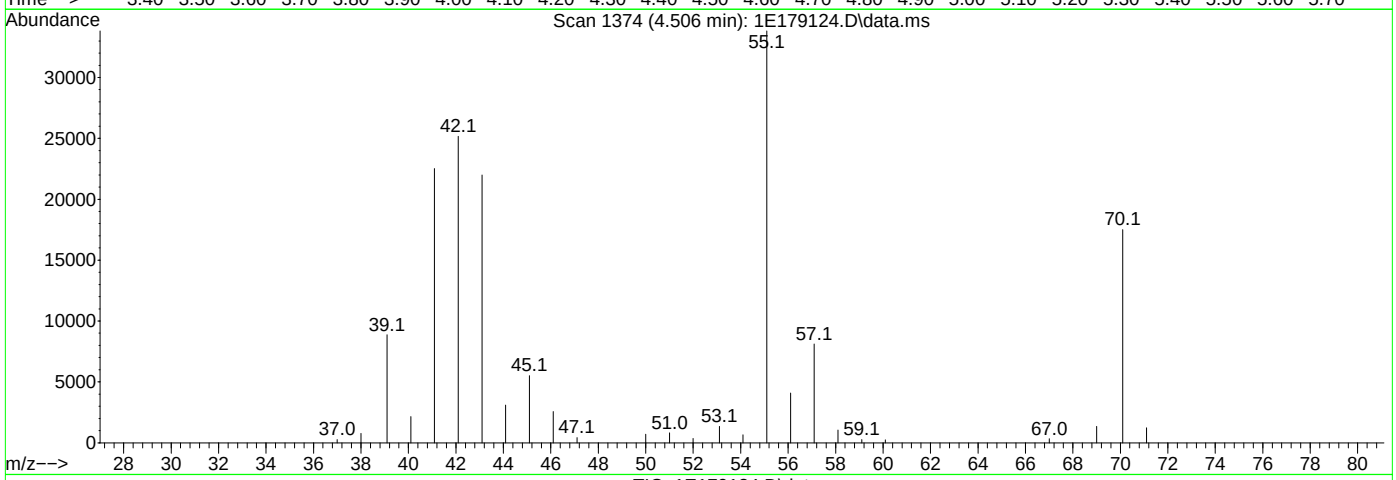
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	89701	128.80	154	156.80	82		
96.00	6547	129.95	375	158.95	184		
96.90	85	130.85	164	171.95	158		
103.95	355	134.80	72	173.10	331		
105.85	314	136.90	61	174.00	68843		
115.80	105	140.85	985	175.00	5191		
115.95	183	141.95	116	176.00	66723		
116.90	532	142.90	944	176.95	4392		
117.85	312	146.10	55				
118.80	362	147.85	176				
127.85	267	154.80	51				

Quantitation Report (Qedit)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1e8773\
Data File : 1E179124.D
Acq On : 20 Dec 2023 10:20 am
Operator : NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76187,V1E8773,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 04:41:23 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration





TIC: 1E179124.D\data.ms

(61) 2−nitropropane

4.506min (−0.055) 46.45ug/L

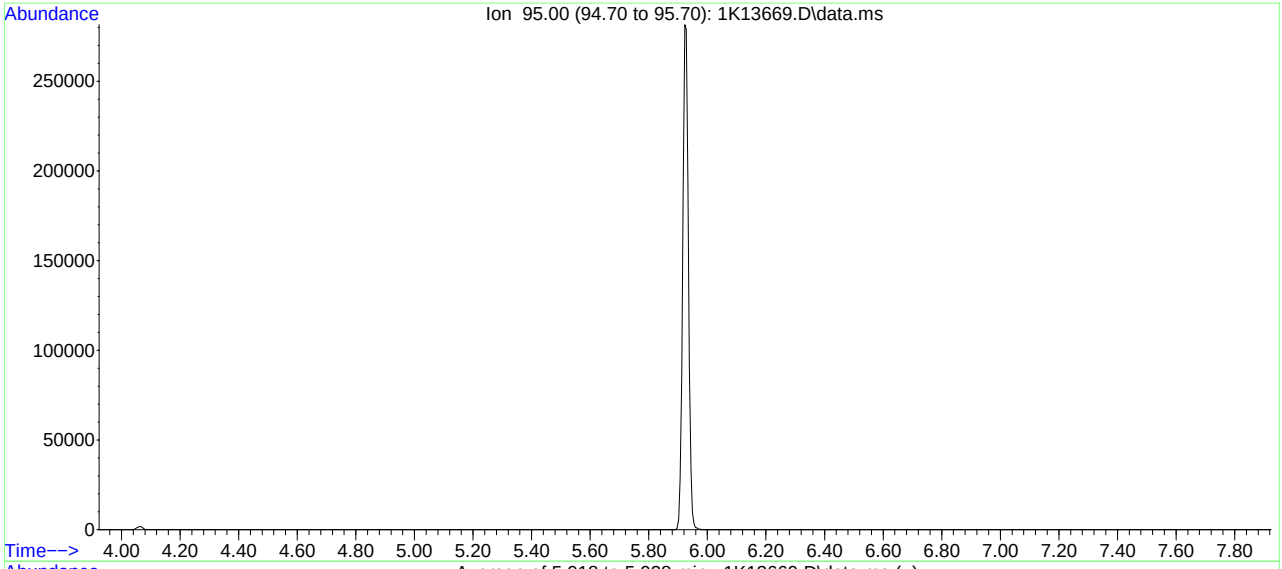
response 36203

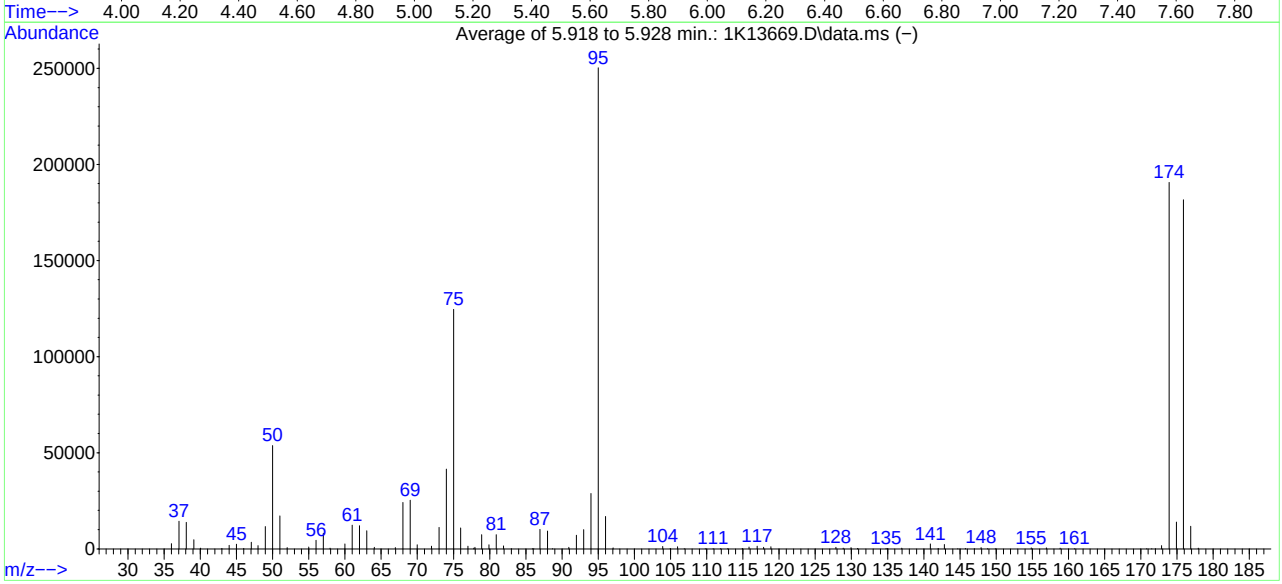
Ion	Exp%	Act%
41.10	100	100
43.10	123.30	97.62
39.10	39.20	39.43
46.00	7.80	11.42

SW-846 Method 8260

Data File : C:\msdchem\1\data\Initials\VK376\1K13669.D Vial: 2
Acq On : 2 Dec 2023 12:51 pm Operator: PrashanS
Sample : BFB Inst : GCMS K
Misc : MS75187,V1K376,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um





AutoFind: Scans 1112, 1113, 1114; Background Corrected with Scan 1105

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	53701	PASS
75	95	30	60	49.8	124592	PASS
95	95	100	100	100.0	250240	PASS
96	95	5	9	6.7	16844	PASS
173	174	0.00	2	0.9	1687	PASS
174	95	50	120	76.2	190683	PASS
175	174	5	9	7.3	13994	PASS
176	174	95	101	95.2	181611	PASS
177	176	5	9	6.5	11779	PASS

1K13669.D M1K376.M Tue Dec 05 08:22:04 2023

Average of 5.918 to 5.928 min.: 1K13669.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2649	49.00	11637	63.00	9457	77.00	1444
37.05	14414	50.00	53701	64.05	847	77.80	327
38.05	13808	51.00	17110	66.95	719	77.95	737
39.10	4794	52.00	674	68.00	24101	78.90	7417
40.05	415	55.00	955	69.00	25251	79.90	2108
43.00	281	56.00	4432	70.00	2056	80.90	7326
44.00	1803	57.00	8069	71.95	1360	81.90	1541
45.00	2434	57.95	406	73.00	11116	83.00	159
46.00	196	60.00	2566	74.00	41424	85.90	114
47.05	3491	61.00	12275	75.00	124592	86.10	108
48.00	1714	62.00	11978	76.00	10801	86.95	10118

Average of 5.918 to 5.928 min.: 1K13669.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
88.00	9295	105.95	1076	127.85	781	145.75	217
88.70	128	106.90	85	128.85	319	147.00	83
90.95	786	109.80	82	129.95	732	147.90	609
92.00	7012	110.90	113	130.85	197	148.80	118
93.00	9947	111.90	80	134.80	299	149.90	82
94.00	28808	112.90	102	135.00	202	154.85	559
95.00	250240	114.90	239	136.95	424	156.95	465
96.00	16844	115.85	941	140.90	2552	158.85	349
97.05	508	116.95	1338	142.00	184	160.80	99
103.90	1221	117.85	754	142.85	2316	170.80	79
104.95	270	118.85	1139	144.70	93	171.50	112

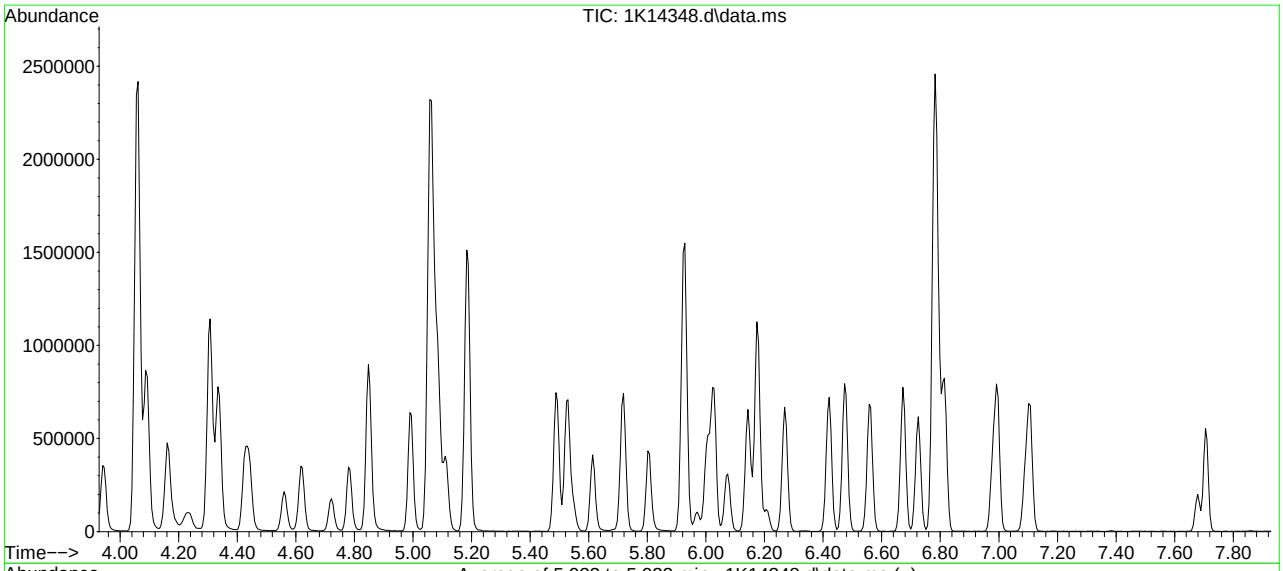
Average of 5.918 to 5.928 min.: 1K13669.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
172.00	105						
172.85	1687						
173.90	190683						
174.90	13994						
175.90	181611						
176.90	11779						
177.95	360						

SW-846 Method 8260

Data File : X:\Dayton VOA GCMS\k...2023\v1k391\1K14348.d Vial: 3
Acq On : 20 Dec 2023 9:38 am Operator: louied
Sample : bfb Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1K376.M (RTE Integrator)
Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um



AutoFind: Scans 1113, 1114, 1115; Background Corrected with Scan 1105

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	55797	PASS
75	95	30	60	47.9	138363	PASS
95	95	100	100	100.0	288981	PASS
96	95	5	9	6.3	18178	PASS
173	174	0.00	2	1.1	2593	PASS
174	95	50	120	79.7	230379	PASS
175	174	5	9	7.5	17199	PASS
176	174	95	101	96.7	222784	PASS
177	176	5	9	6.6	14768	PASS

1K14348.d M1K376.M Thu Dec 21 03:40:48 2023

Average of 5.923 to 5.933 min.: 1K14348.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2562	49.05	12109	62.00	13523	76.00	12079
37.10	14262	50.00	55797	63.05	10011	76.95	1472
38.10	13378	51.05	17484	63.95	819	77.90	461
38.95	4825	52.00	785	67.10	826	78.05	633
39.90	195	53.10	77	68.00	28240	78.90	8348
40.90	199	55.05	964	69.00	27979	79.95	2389
43.95	2052	56.00	4883	70.00	1847	80.95	9400
45.05	2490	57.00	7725	72.00	1499	81.95	2093
46.00	168	58.00	372	73.00	11913	83.00	76
47.00	3332	60.05	2723	74.00	47829	85.95	267
48.00	1757	61.05	13130	75.00	138363	86.95	11187

Average of 5.923 to 5.933 min.: 1K14348.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
88.00	11196	107.10	259	123.80	84	141.90	407
91.00	1002	109.90	251	127.90	1111	142.90	3616
92.00	8202	110.90	307	128.90	483	143.80	96
93.00	12574	111.80	80	129.85	1073	144.00	110
94.00	33368	112.70	81	130.85	391	144.90	206
95.00	288981	113.05	248	134.80	165	145.90	530
96.00	18178	114.90	355	134.95	307	146.75	274
97.00	555	115.90	1070	136.90	517	147.90	653
103.95	1247	116.90	2158	139.00	83	149.95	253
104.80	391	117.90	1281	139.80	122	152.90	203
105.95	1347	118.95	1629	140.90	3063	153.80	100

Average of 5.923 to 5.933 min.: 1K14348.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
154.95	823	174.95	17199				
156.80	261	175.90	222784				
157.00	220	176.90	14768				
158.70	249	177.95	448				
159.00	218						
160.85	345						
169.80	95						
171.60	99						
171.90	363						
173.00	2593						
173.90	230379						

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177439.D
Acq On : 26 Oct 2023 04:19 pm
Operator : louied
Sample : ic8736-0.2
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 27 17:08:07 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

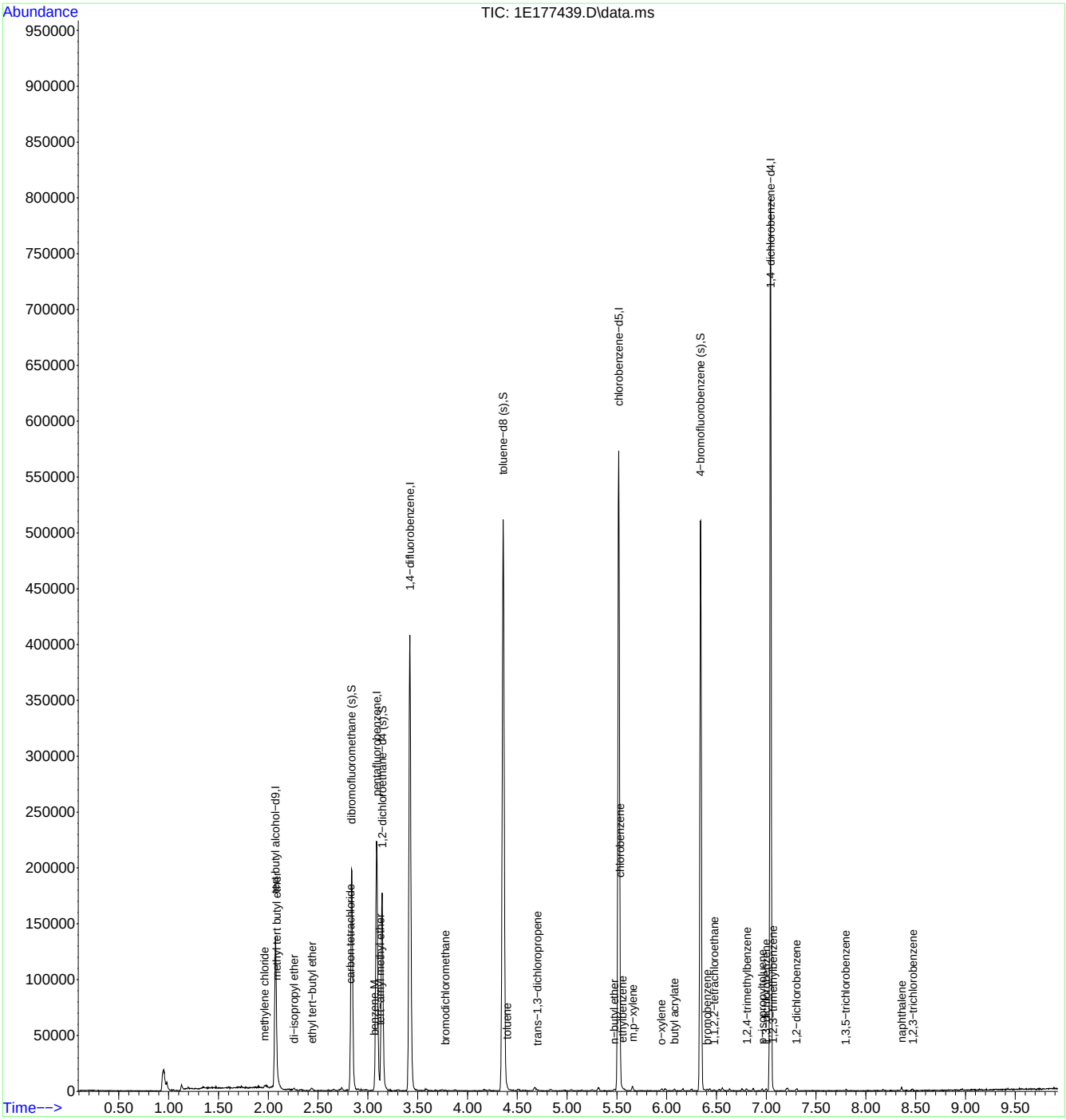
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	97962	500.00	ug/L		0.00
5) pentafluorobenzene	3.088	168	113049	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.422	114	251762	50.00	ug/L		0.00
72) chlorobenzene-d5	5.519	117	223702	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	123251	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.837	113	80551	54.80	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 109.60%				
51) 1,2-dichloroethane-d4 (s)	3.143	65	83460	48.23	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 96.46%				
73) toluene-d8 (s)	4.358	98	279846	50.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%				
96) 4-bromofluorobenzene (s)	6.339	95	108283	48.66	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.32%				
Target Compounds							Qvalue
22) methylene chloride	1.962	84	229	0.19	ug/L		90
24) methyl tert butyl ether	2.085	73	787	0.19	ug/L	#	62
27) di-isopropyl ether	2.258	45	906	0.22	ug/L		92
28) ethyl tert-butyl ether	2.438	59	831	0.18	ug/L		87
47) carbon tetrachloride	2.824	117	463	0.21	ug/L	#	42
53) benzene	3.065	78	860	0.14	ug/L		73
54) tert-amyl methyl ether	3.123	73	766	0.16	ug/L		75
67) bromodichloromethane	3.779	83	364	0.16	ug/L		88
74) toluene	4.397	92	651	0.17	ug/L	#	76
76) trans-1,3-dichloropropene	4.702	75	429	0.17	ug/L	#	48
84) n-butyl ether	5.474	57	1131	0.17	ug/L		79
85) chlorobenzene	5.532	112	801	0.18	ug/L		74
87) ethylbenzene	5.554	91	1153	0.15	ug/L		77
88) m,p-xylene	5.660	106	872	0.30	ug/L		92
89) o-xylene	5.946	106	480	0.17	ug/L	#	64
92) butyl acrylate	6.078	55	688	0.19	ug/L		77
97) bromobenzene	6.406	156	344	0.17	ug/L	#	74
98) 1,1,2,2-tetrachloroethane	6.477	83	438	0.19	ug/L		92
106) 1,2,4-trimethylbenzene	6.805	105	1090	0.16	ug/L		83
108) 1,3-dichlorobenzene	6.998	146	607	0.16	ug/L		81
109) p-isopropyltoluene	6.959	119	1012	0.15	ug/L		88
111) 1,2-dichlorobenzene	7.303	146	654	0.18	ug/L		87
112) 1,2,3-trimethylbenzene	7.068	105	1051	0.15	ug/L		87
115) 1,3,5-trichlorobenzene	7.798	180	443	0.17	ug/L	#	65
118) naphthalene	8.358	128	1616	0.20	ug/L		91
119) 1,2,3-trichlorobenzene	8.470	180	349	0.16	ug/L		89

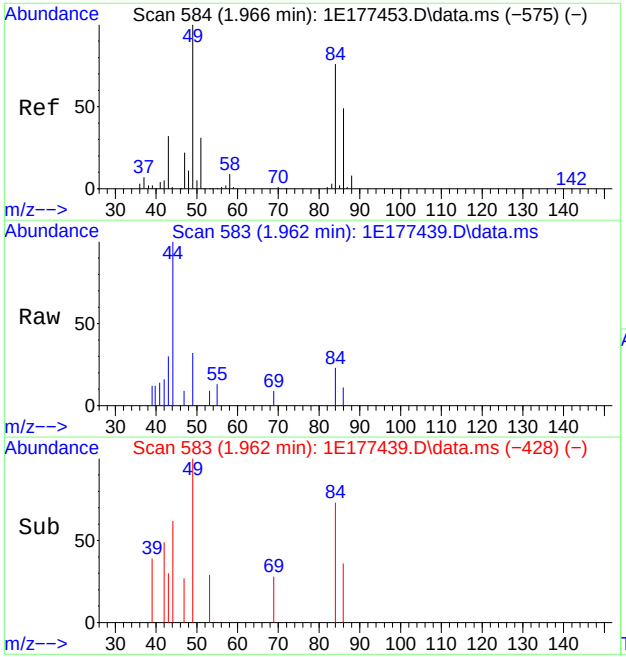
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177439.D
Acq On : 26 Oct 2023 04:19 pm
Operator : louied
Sample : ic8736-0.2
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 27 17:08:07 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

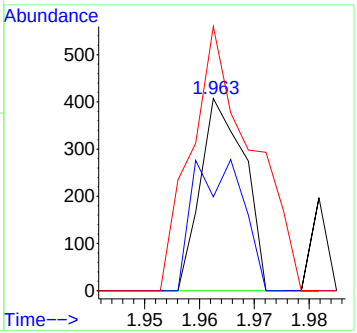


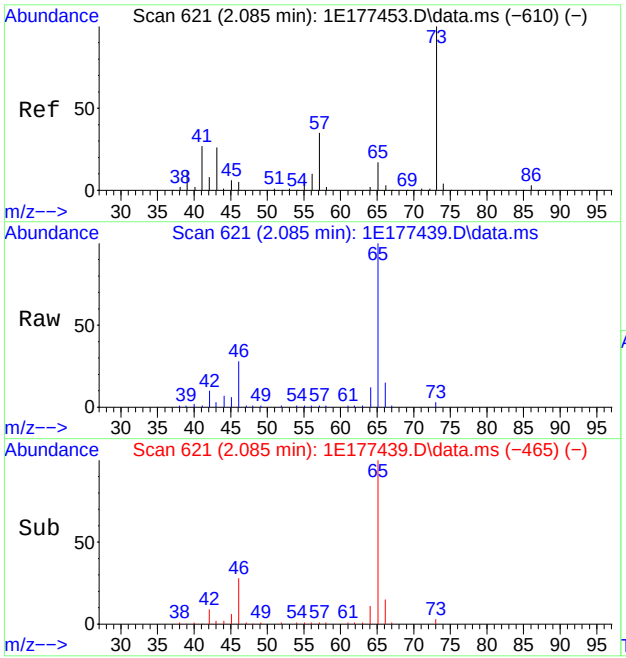


#22
methylene chloride
Concen: 0.19 ug/L
RT: 1.962 min Scan# 583
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 84 Resp: 229

Ion	Ratio	Lower	Upper
84	100		
86	48.9	34.9	94.9
49	137.6	102.4	162.4

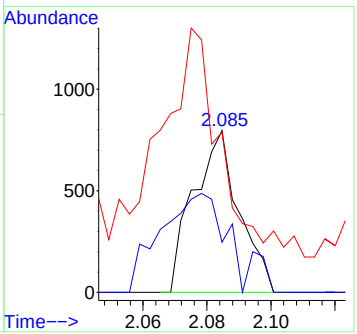


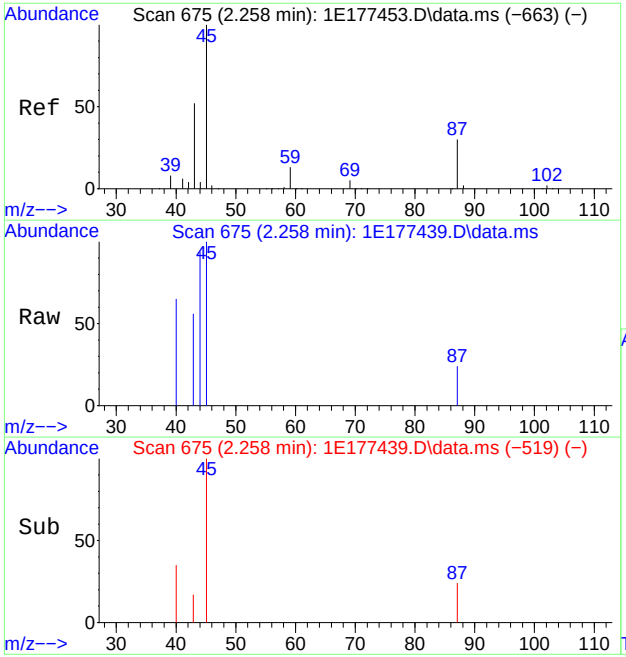


#24
methyl tert butyl ether
Concen: 0.19 ug/L
RT: 2.085 min Scan# 621
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 73 Resp: 787

Ion	Ratio	Lower	Upper
73	100		
57	31.0	5.0	65.0
43	70.9	0.4	60.4#

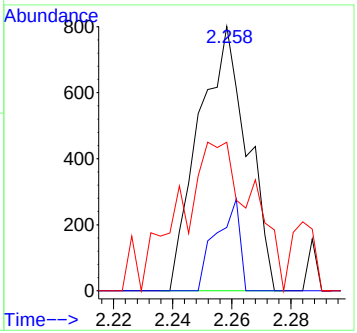


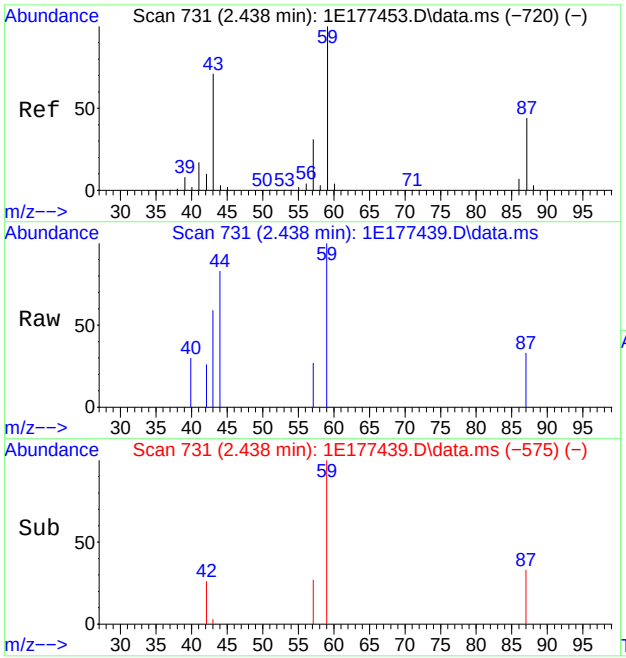


#27
di-isopropyl ether
Concen: 0.22 ug/L
RT: 2.258 min Scan# 675
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 45 Resp: 906

Ion	Ratio	Lower	Upper
45	100		
87	24.0	0.0	59.9
43	56.2	22.2	82.2

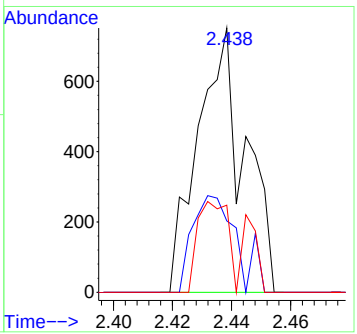


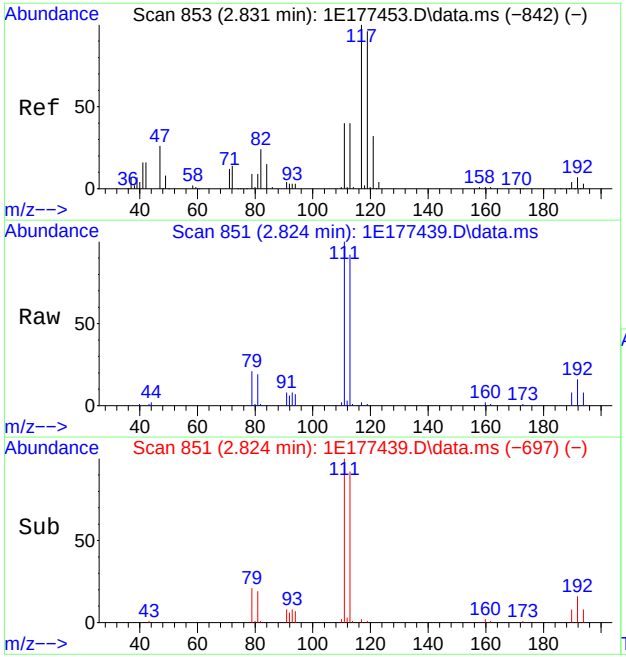


#28
ethyl tert-butyl ether
Concen: 0.18 ug/L
RT: 2.438 min Scan# 731
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 59 Resp: 831

Ion	Ratio	Lower	Upper
59	100		
57	27.0	1.2	61.2
87	33.0	14.3	74.3

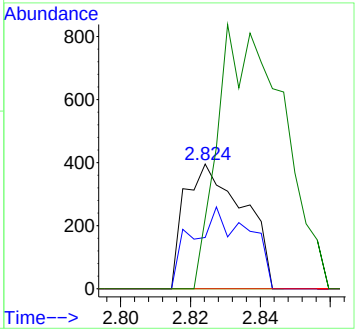


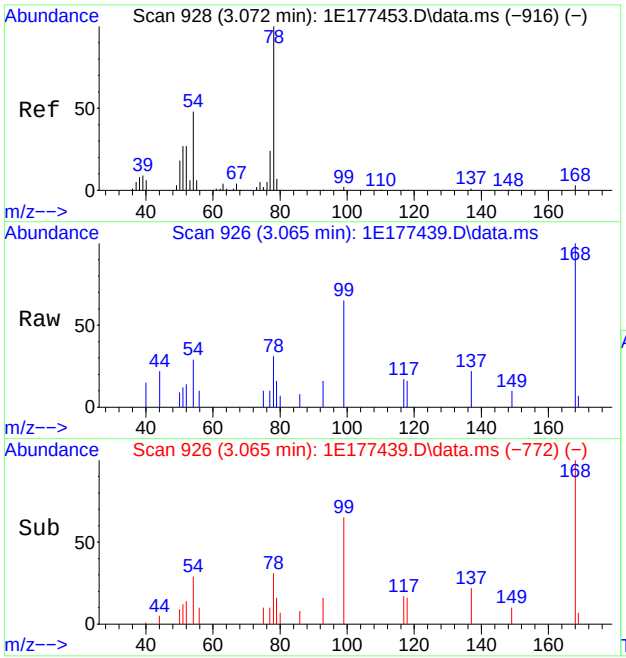


#47
carbon tetrachloride
Concen: 0.21 ug/L
RT: 2.824 min Scan# 851
Delta R.T. -0.006 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:117 Resp: 463

Ion	Ratio	Lower	Upper
117	100		
119	41.2	76.4	116.4#
121	0.0	12.4	52.4#
82	56.6	4.0	44.0#

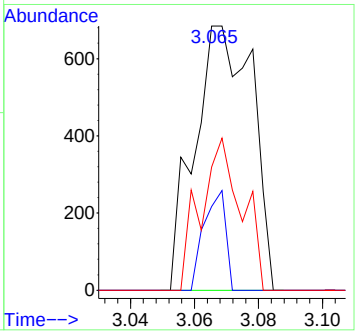


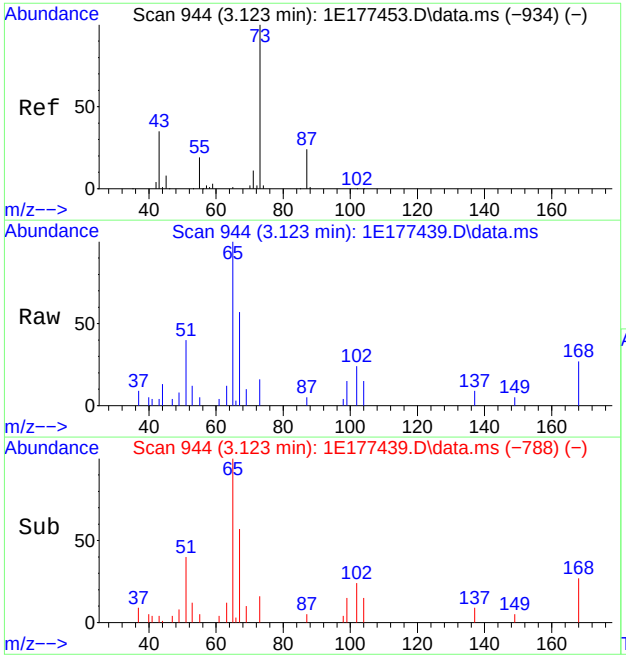


#53
benzene
Concen: 0.14 ug/L
RT: 3.065 min Scan# 926
Delta R.T. -0.006 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 78 Resp: 860

Ion	Ratio	Lower	Upper
78	100		
77	31.7	0.0	54.3
52	46.6	0.0	57.1

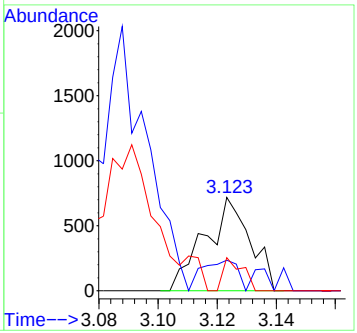


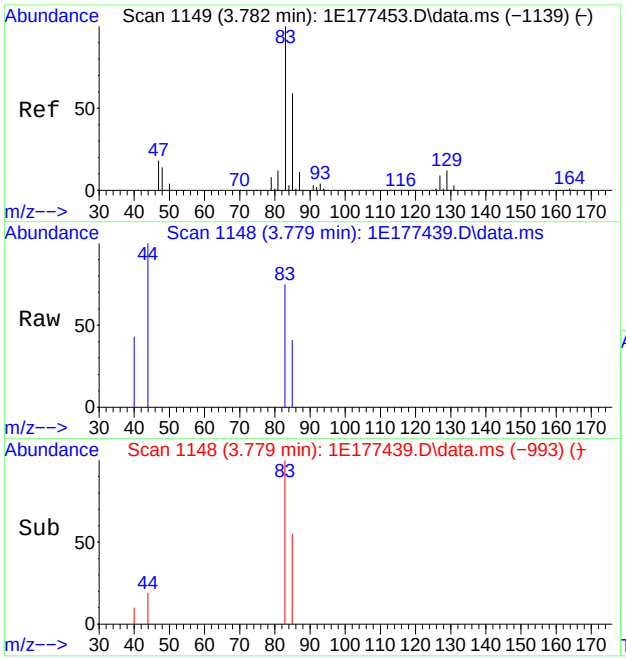


#54
tert-amyl methyl ether
Concen: 0.16 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 73 Resp: 766

Ion	Ratio	Lower	Upper
73	100		
55	8.2	2.5	42.5
87	35.5	5.0	45.0

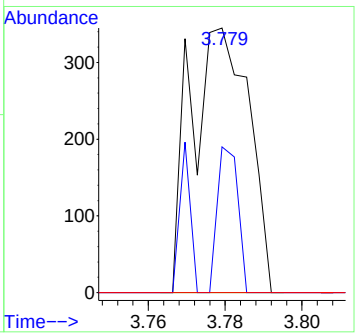


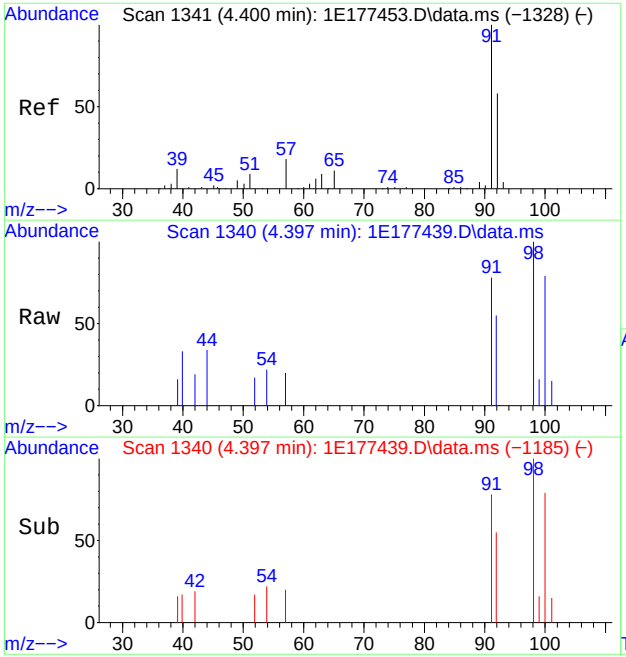


#67
bromodichloromethane
Concen: 0.16 ug/L
RT: 3.779 min Scan# 1148
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 83 Resp: 364

Ion	Ratio	Lower	Upper
83	100		
85	55.1	33.0	93.0
127	0.0	0.0	38.8

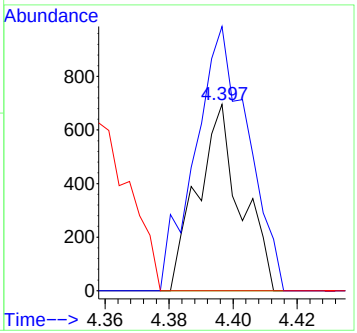


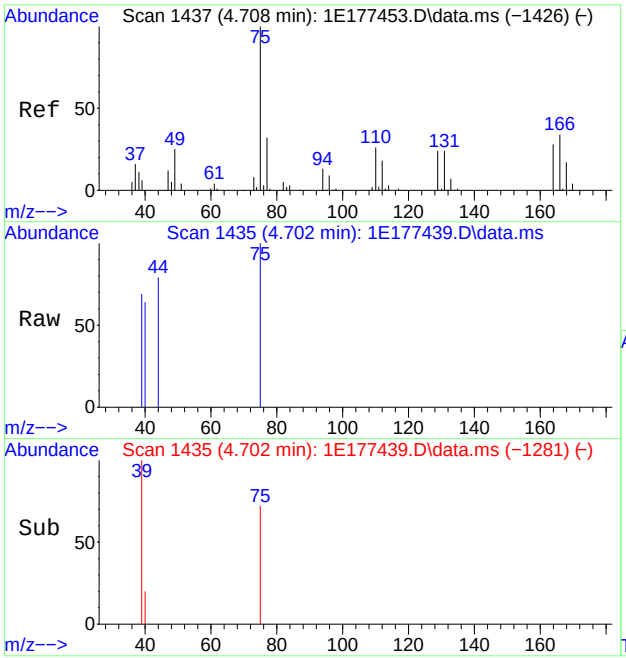


#74
toluene
Concen: 0.17 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 92 Resp: 651

Ion	Ratio	Lower	Upper
92	100		
91	141.8	151.4	191.4#
65	0.0	0.0	39.2

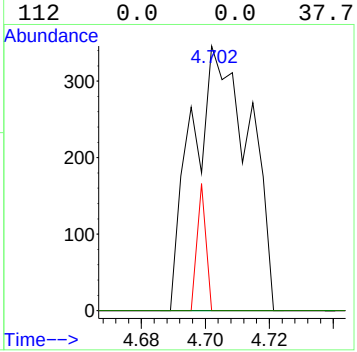


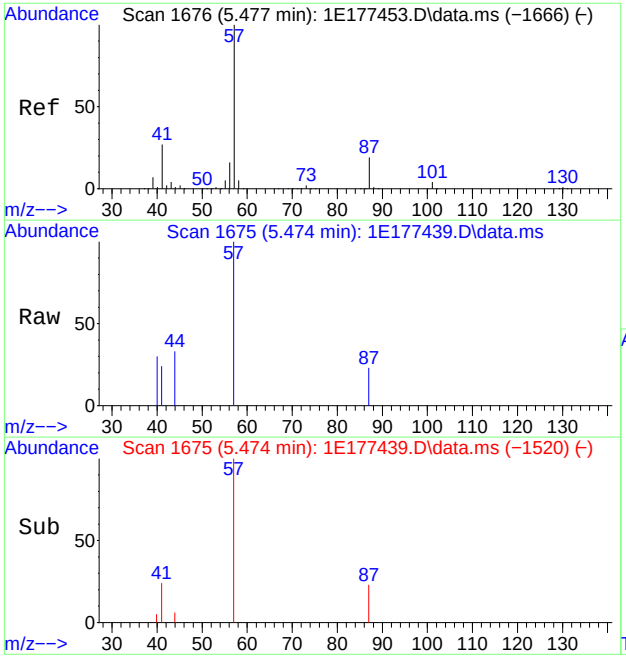


#76
trans-1,3-dichloropropene
Concen: 0.17 ug/L
RT: 4.702 min Scan# 1435
Delta R.T. -0.006 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 75 Resp: 429

Ion	Ratio	Lower	Upper
75	100		
77	0.0	12.4	52.4#
110	0.0	6.3	46.3#
112	0.0	0.0	37.7

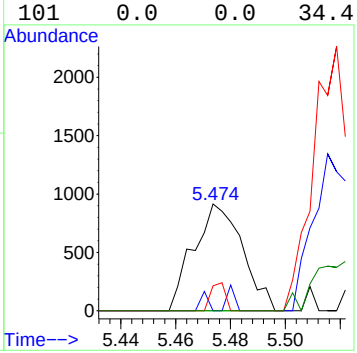


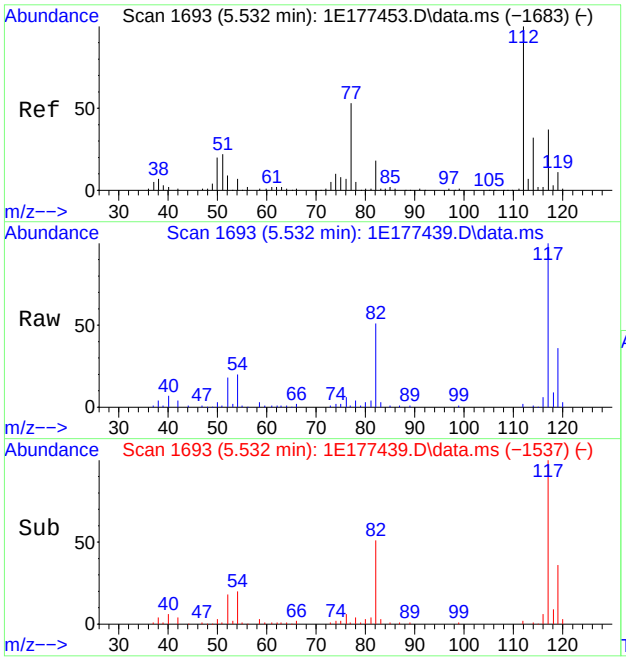


#84
n-butyl ether
Concen: 0.17 ug/L
RT: 5.474 min Scan# 1675
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 57 Resp: 1131

Ion	Ratio	Lower	Upper
57	100		
56	0.0	0.0	45.9
87	23.4	0.0	49.2
101	0.0	0.0	34.4

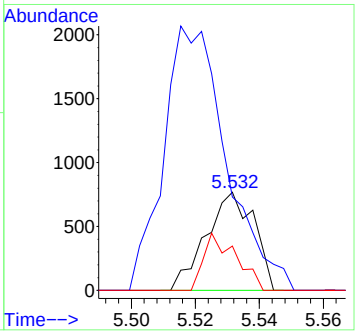


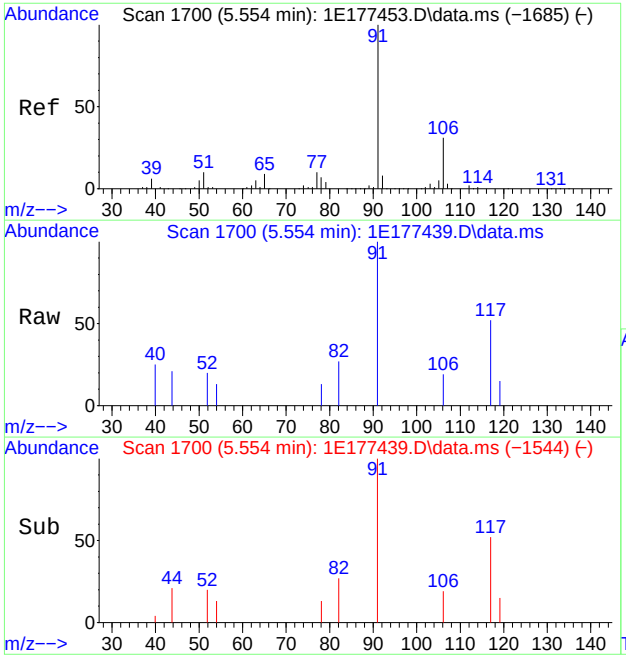


#85
chlorobenzene
Concen: 0.18 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:112 Resp: 801

Ion	Ratio	Lower	Upper
112	100		
77	72.9	23.2	83.2
114	45.2	2.3	62.3

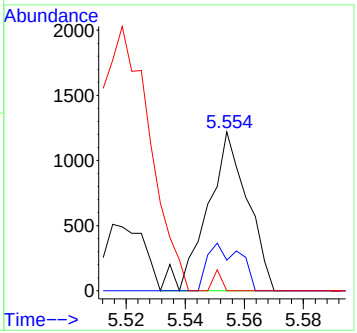


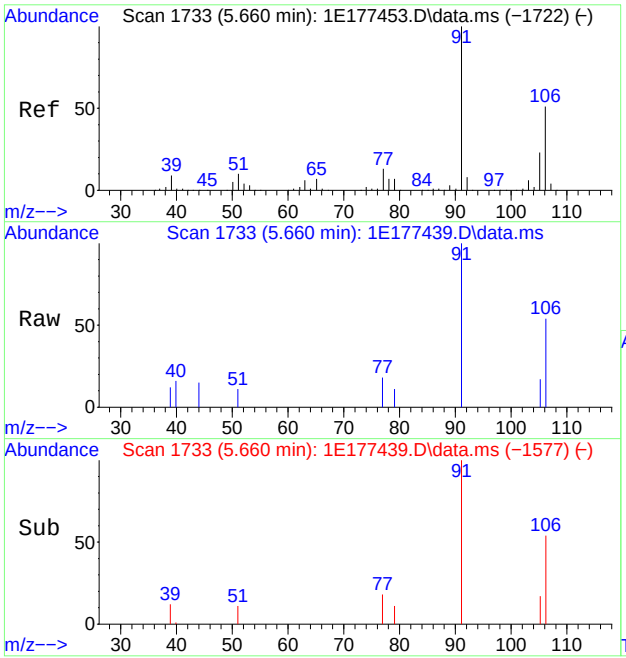


#87
ethylbenzene
Concen: 0.15 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 91 Resp: 1153

Ion	Ratio	Lower	Upper
91	100		
106	19.3	1.0	61.0
51	0.0	0.0	40.1

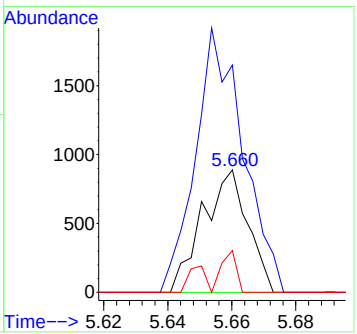


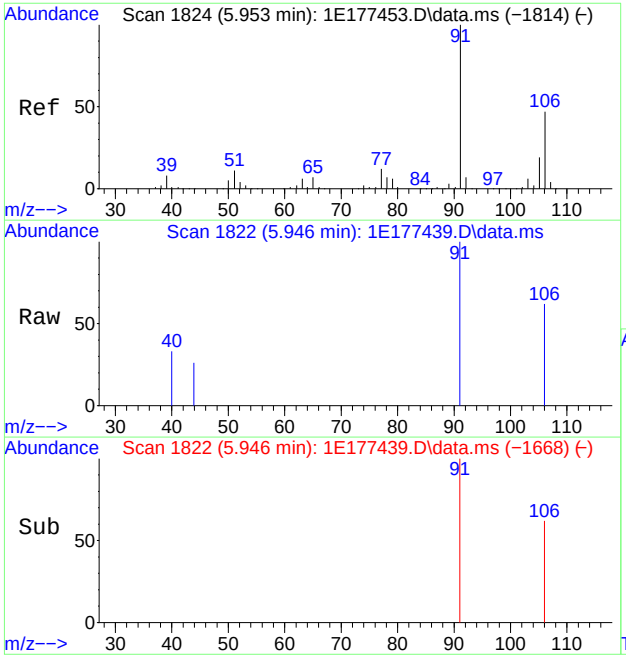


#88
m,p-xylene
Concen: 0.30 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:106 Resp: 872

Ion	Ratio	Lower	Upper
106	100		
91	185.7	166.4	226.4
77	34.1	5.3	45.3

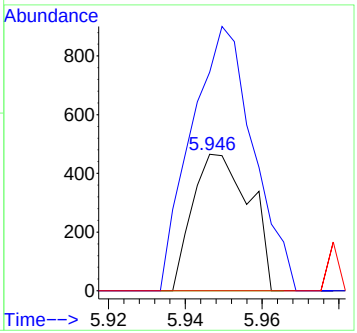


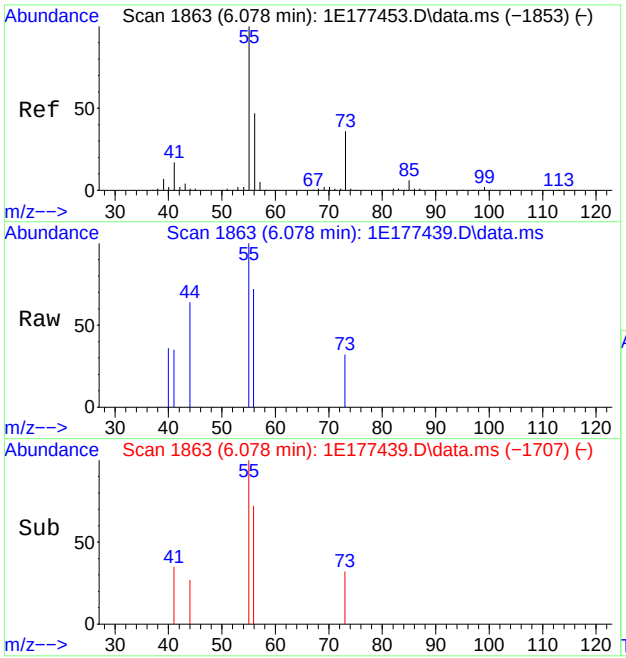


#89
o-xylene
Concen: 0.17 ug/L
RT: 5.946 min Scan# 1822
Delta R.T. -0.006 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:106 Resp: 480

Ion	Ratio	Lower	Upper
106	100		
91	160.2	184.0	244.0#
77	0.0	6.6	46.6#

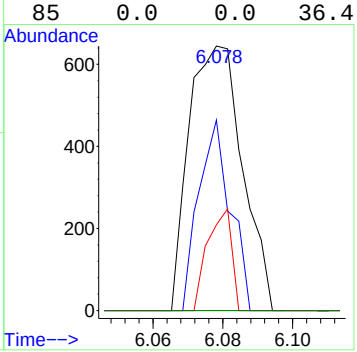


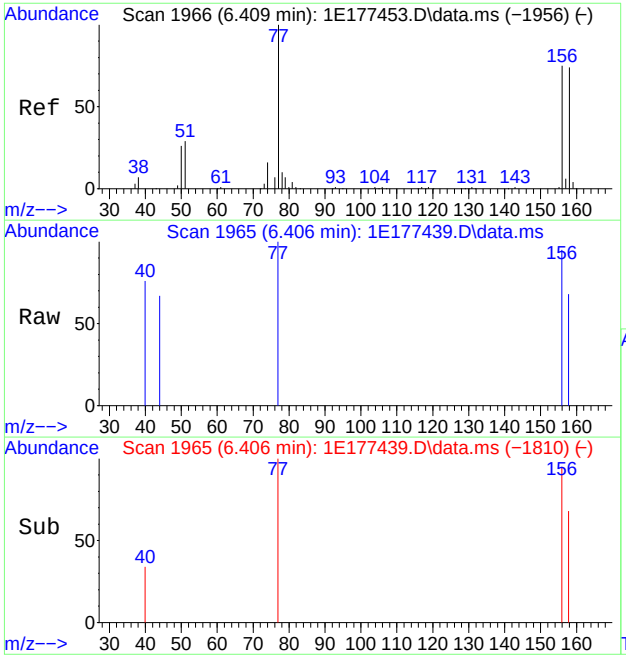


#92
butyl acrylate
Concen: 0.19 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 55 Resp: 688

Ion	Ratio	Lower	Upper
55	100		
56	71.9	17.5	77.5
73	32.4	5.8	65.8
85	0.0	0.0	36.4

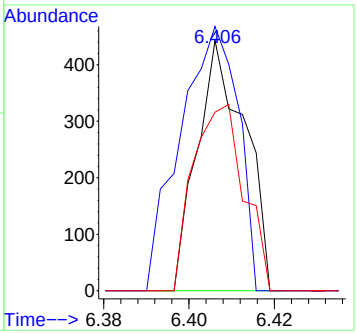


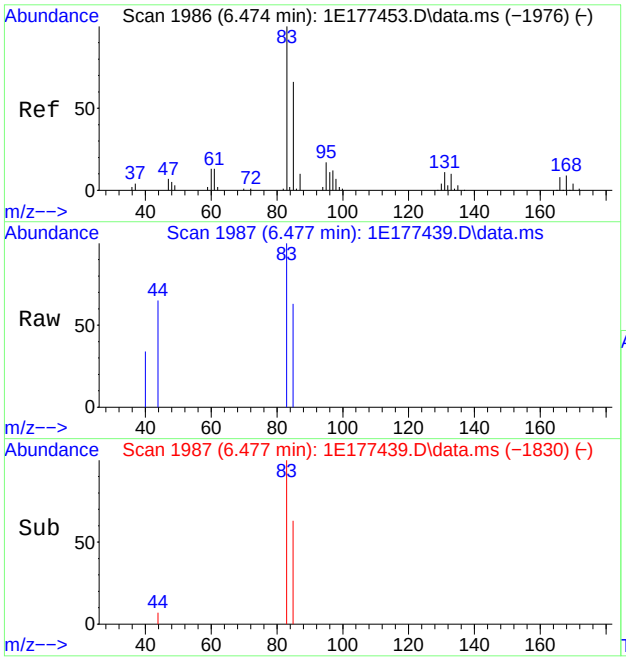


#97
bromobenzene
Concen: 0.17 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:156 Resp: 344

Ion	Ratio	Lower	Upper
156	100		
77	105.6	106.4	166.4#
158	71.3	68.2	128.2

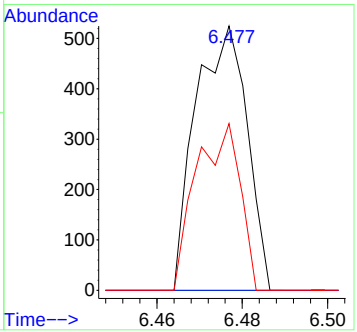


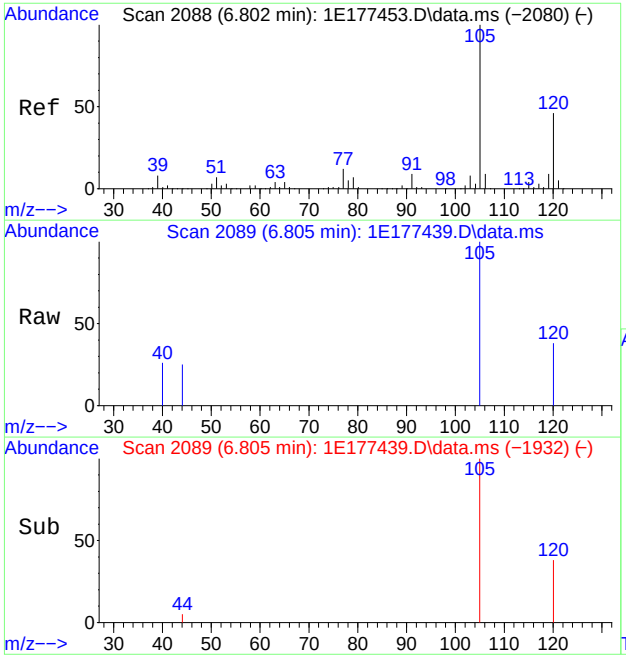


#98
1,1,2,2-tetrachloroethane
Concen: 0.19 ug/L
RT: 6.477 min Scan# 1987
Delta R.T. 0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion: 83 Resp: 438

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	41.0
85	63.0	36.4	96.4

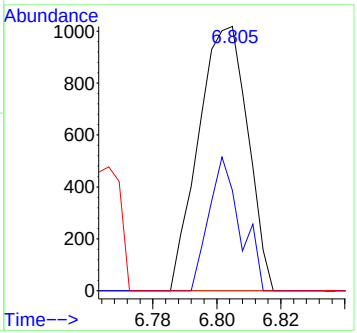


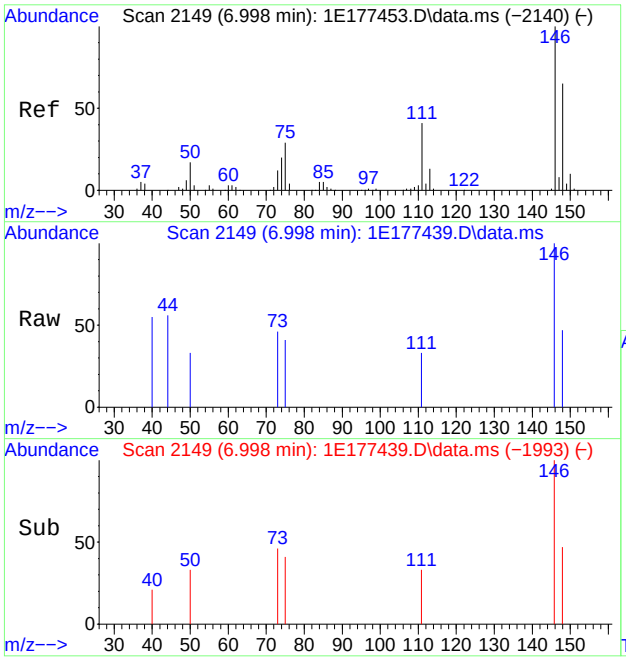


#106
1,2,4-trimethylbenzene
Concen: 0.16 ug/L
RT: 6.805 min Scan# 2089
Delta R.T. 0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:105 Resp: 1090

Ion	Ratio	Lower	Upper
105	100		
120	38.0	16.7	76.7
119	0.0	0.0	42.3

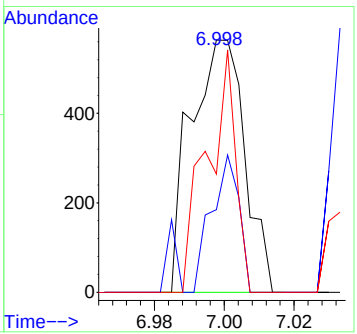


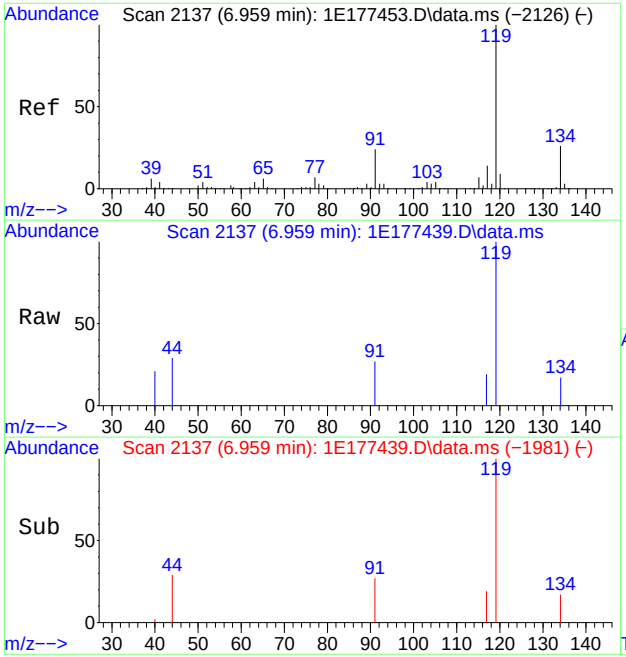


#108
1,3-dichlorobenzene
Concen: 0.16 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:146 Resp: 607

Ion	Ratio	Lower	Upper
146	100		
111	32.8	11.3	71.3
148	46.8	34.9	94.9

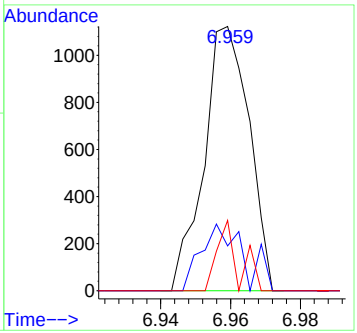


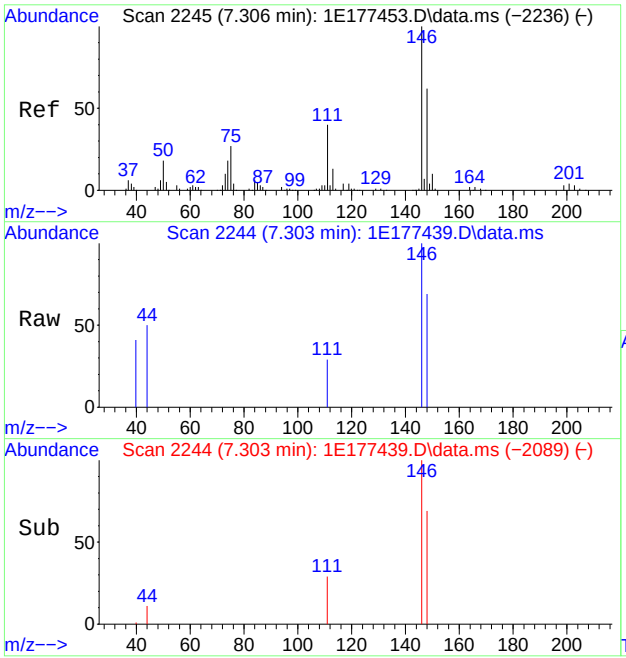


#109
p-isopropyltoluene
Concen: 0.15 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:119 Resp: 1012

Ion	Ratio	Lower	Upper
119	100		
134	16.9	0.0	56.2
91	26.6	0.0	53.6

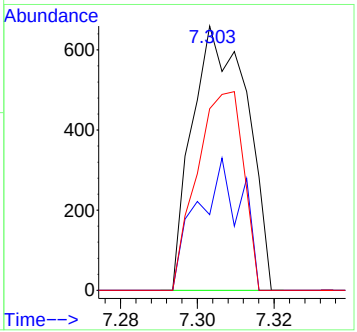


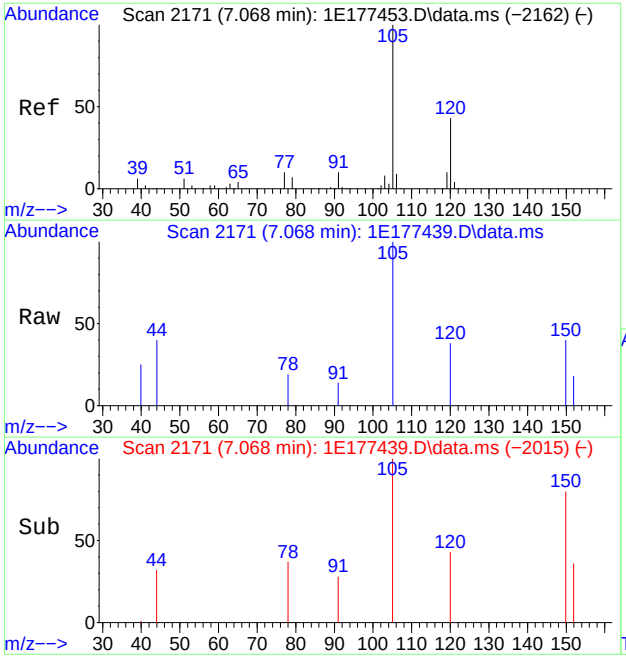


#111
1,2-dichlorobenzene
Concen: 0.18 ug/L
RT: 7.303 min Scan# 2244
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:146 Resp: 654

Ion	Ratio	Lower	Upper
146	100		
111	28.6	10.1	70.1
148	68.6	31.9	91.9

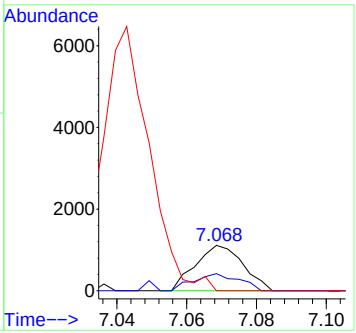


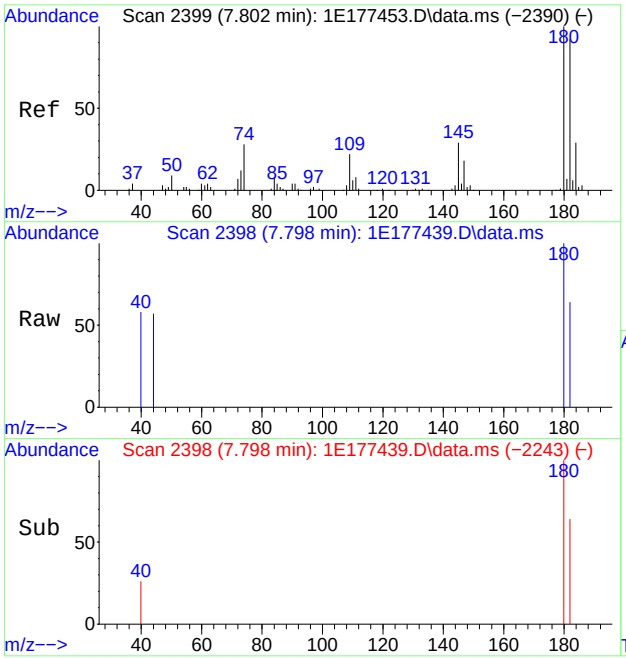


#112
1,2,3-trimethylbenzene
Concen: 0.15 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:105 Resp: 1051

Ion	Ratio	Lower	Upper
105	100		
120	37.8	13.3	73.3
77	0.0	0.0	41.9

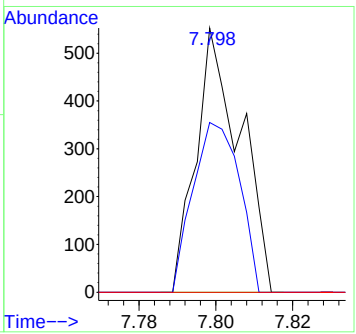


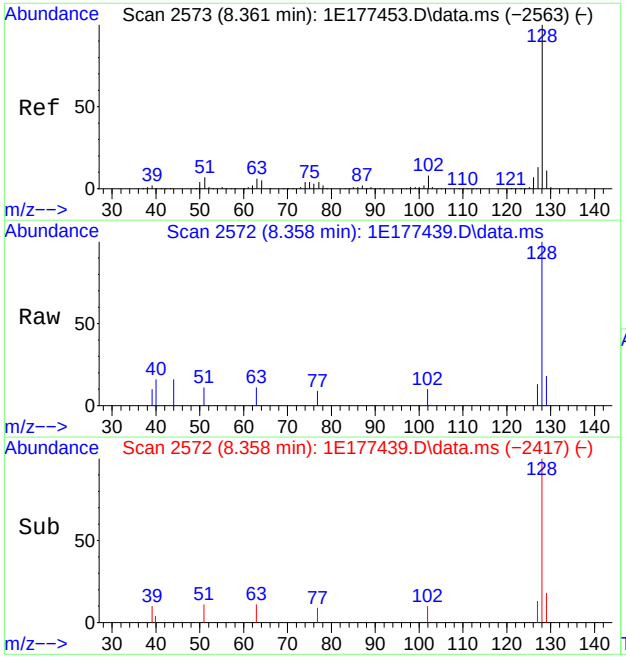


#115
1,3,5-trichlorobenzene
Concen: 0.17 ug/L
RT: 7.798 min Scan# 2398
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:180 Resp: 443

Ion	Ratio	Lower	Upper
180	100		
182	64.2	71.6	111.6#
184	0.0	9.2	49.2#

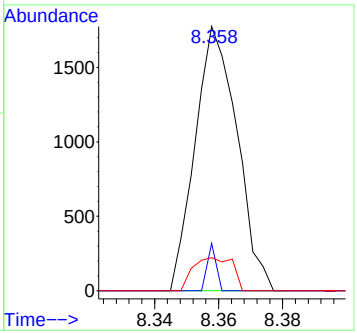


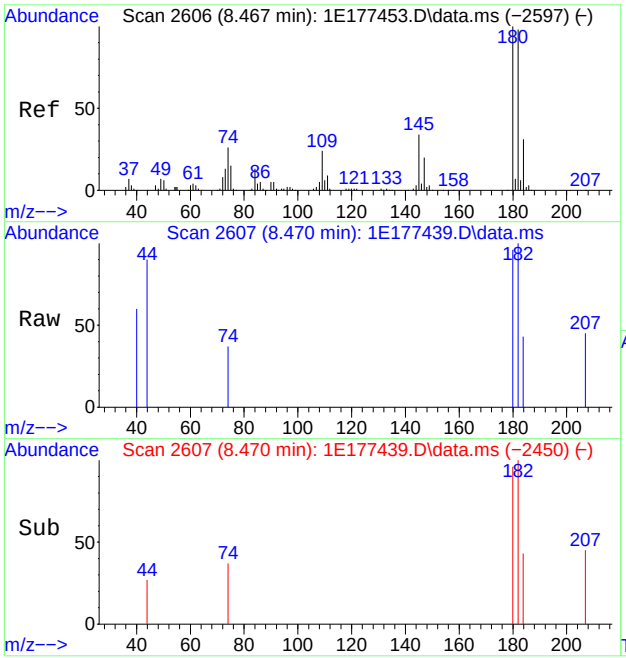


#118
naphthalene
Concen: 0.20 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:128 Resp: 1616

Ion	Ratio	Lower	Upper
128	100		
129	18.0	0.0	40.8
127	12.6	0.0	42.7

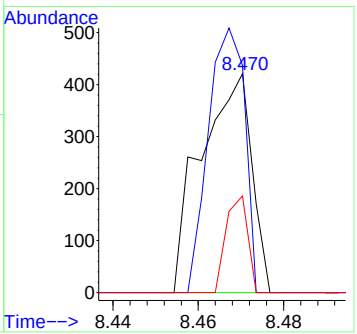




#119
1,2,3-trichlorobenzene
Concen: 0.16 ug/L
RT: 8.470 min Scan# 2607
Delta R.T. 0.003 min
Lab File: 1E177439.D
Acq: 26 Oct 2023 04:19 pm

Tgt Ion:180 Resp: 349

Ion	Ratio	Lower	Upper
180	100		
182	103.8	67.6	127.6
184	44.2	1.0	61.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177441.D
Acq On : 26 Oct 2023 04:46 pm
Operator : louied
Sample : ic8736-0.5
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 27 17:15:06 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.075	65	97209	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	110695	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.425	114	240580	50.00	ug/L		0.00
72) chlorobenzene-d5	5.519	117	217506	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	119264	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	77611	51.45	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 102.90%				
51) 1,2-dichloroethane-d4 (s)	3.146	65	80610	49.63	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.26%				
73) toluene-d8 (s)	4.361	98	270296	49.77	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.54%				
96) 4-bromofluorobenzene (s)	6.342	95	104805	49.33	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.66%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.107	59	792	2.59	ug/L	#	89
10) 1,3-butadiene	1.197	39	682	0.66	ug/L		73
13) trichlorofluoromethane	1.474	101	898	0.39	ug/L		93
14) ethyl ether	1.602	74	402	0.56	ug/L	#	73
16) freon 113	1.718	151	402	0.39	ug/L	#	70
17) 1,1-dichloroethene	1.705	61	841	0.49	ug/L		91
21) carbon disulfide	1.731	76	1681	0.55	ug/L		91
22) methylene chloride	1.966	84	790	0.68	ug/L		92
24) methyl tert butyl ether	2.081	73	1997	0.51	ug/L	#	57
25) trans-1,2-dichloroethene	2.043	61	751	0.44	ug/L		93
26) hexane	2.075	57	1568	0.57	ug/L		84
27) di-isopropyl ether	2.258	45	1914	0.45	ug/L		87
28) ethyl tert-butyl ether	2.438	59	2161	0.50	ug/L		94
30) 1,1-dichloroethane	2.335	63	1270	0.54	ug/L		82
31) chloroprene	2.326	53	1062	0.52	ug/L		89
35) 2,2-dichloropropane	2.670	77	1068	0.54	ug/L		74
36) cis-1,2-dichloroethene	2.609	96	700	0.47	ug/L		79
39) bromochloromethane	2.715	128	339	0.45	ug/L	#	38
44) 1,1,1-trichloroethane	2.863	97	1052	0.45	ug/L		87
45) cyclohexane	2.724	84	856	0.40	ug/L	#	77
46) 1,1-dichloropropene	2.930	75	861	0.46	ug/L		88
47) carbon tetrachloride	2.834	117	1097	0.50	ug/L	#	73
52) iso-octane	2.988	57	1983	0.42	ug/L		99
53) benzene	3.072	78	2777	0.56	ug/L		78
54) tert-amyl methyl ether	3.126	73	2222	0.53	ug/L		91
57) 1,2-dichloroethane	3.188	62	1211	0.55	ug/L		88
60) trichloroethene	3.413	130	738	0.40	ug/L		92
64) 1,2-dichloropropane	3.747	63	626	0.42	ug/L		84
67) bromodichloromethane	3.779	83	1000	0.51	ug/L		76
69) cis-1,3-dichloropropene	4.216	75	1170	0.45	ug/L		85
70) 4-methyl-2-pentanone	4.683	58	1469	1.64	ug/L		87
71) 3-methyl-1-butanol	4.519	70	601	9.90	ug/L		90
74) toluene	4.403	92	1739	0.50	ug/L	#	72
75) ethyl methacrylate	4.834	69	1034	0.48	ug/L	#	75
76) trans-1,3-dichloropropene	4.715	75	1004	0.44	ug/L		95
77) 1,1,2-trichloroethane	4.837	83	620	0.50	ug/L		93
78) tetrachloroethene	4.689	166	757	0.43	ug/L	#	61
79) 2-hexanone	5.316	58	1872	1.77	ug/L	#	85
80) 1,3-dichloropropane	5.043	76	1066	0.44	ug/L		85
81) butyl acetate	5.255	56	576	0.46	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177441.D
Acq On : 26 Oct 2023 04:46 pm
Operator : louied
Sample : ic8736-0.5
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 27 17:15:06 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

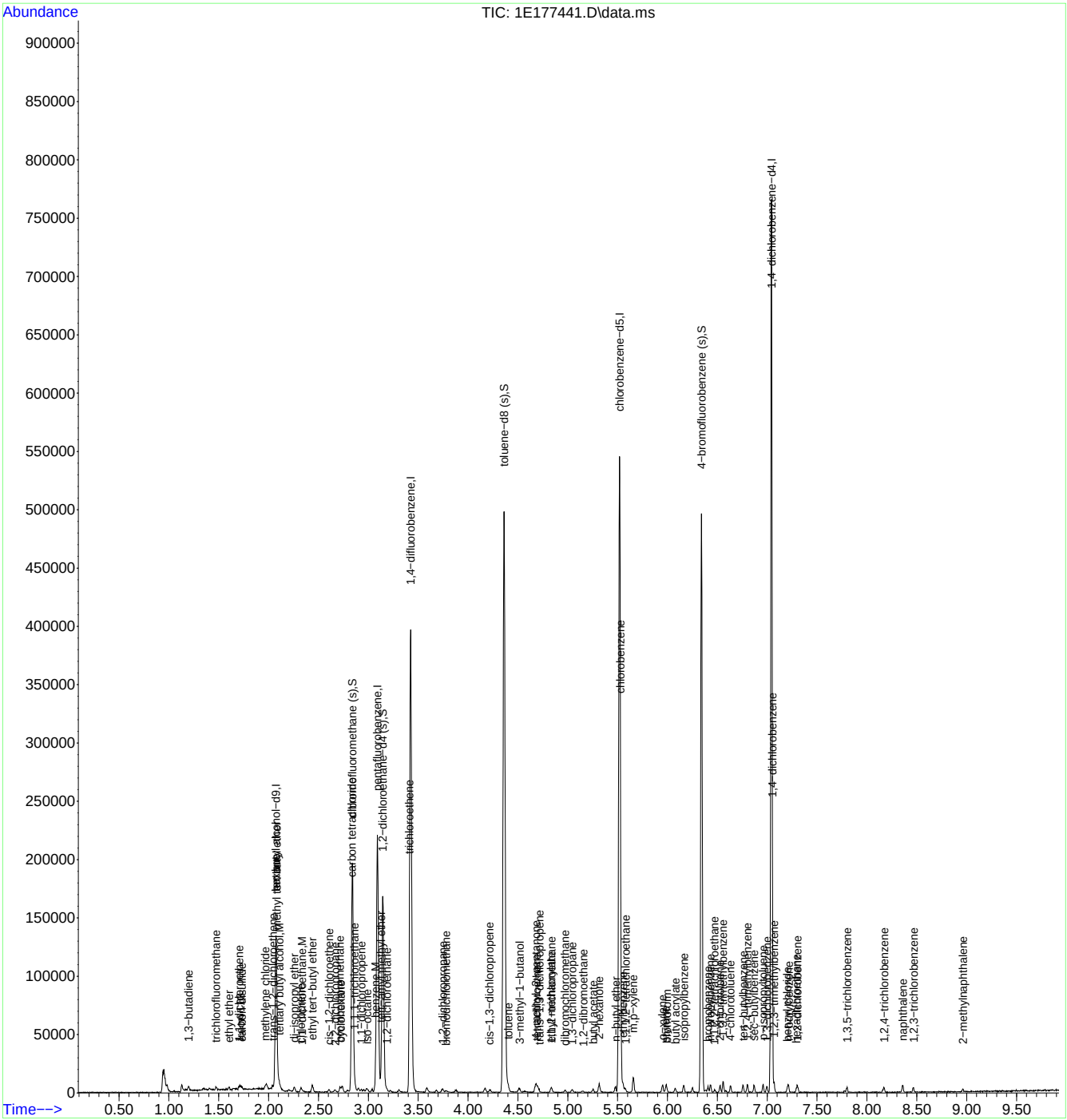
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) dibromochloromethane	4.972	129	886	0.48	ug/L		81
83) 1,2-dibromoethane	5.155	107	751	0.45	ug/L		72
84) n-butyl ether	5.480	57	2662	0.45	ug/L		89
85) chlorobenzene	5.528	112	2026	0.49	ug/L	#	32
86) 1,1,1,2-tetrachloroethane	5.580	131	706	0.42	ug/L		87
87) ethylbenzene	5.554	91	3474	0.54	ug/L		93
88) m,p-xylene	5.657	106	2737	1.11	ug/L		98
89) o-xylene	5.949	106	1330	0.52	ug/L	#	76
90) styrene	5.982	104	2183	0.47	ug/L		71
91) bromoform	5.995	173	636	0.46	ug/L		80
92) butyl acrylate	6.081	55	1531	0.45	ug/L		89
93) isopropylbenzene	6.165	105	3150	0.46	ug/L		94
97) bromobenzene	6.406	156	779	0.44	ug/L		89
98) 1,1,2,2-tetrachloroethane	6.470	83	1037	0.48	ug/L		83
101) n-propylbenzene	6.432	91	3673	0.43	ug/L		98
102) 2-chlorotoluene	6.525	126	808	0.46	ug/L	#	73
103) 4-chlorotoluene	6.631	91	2500	0.47	ug/L		88
104) 1,3,5-trimethylbenzene	6.557	105	2619	0.42	ug/L		98
105) tert-butylbenzene	6.760	119	2254	0.43	ug/L		81
106) 1,2,4-trimethylbenzene	6.802	105	2604	0.44	ug/L		91
107) sec-butylbenzene	6.869	105	3180	0.42	ug/L		93
108) 1,3-dichlorobenzene	6.998	146	1592	0.48	ug/L		87
109) p-isopropyltoluene	6.959	119	2687	0.47	ug/L		78
110) 1,4-dichlorobenzene	7.052	146	1908	0.51	ug/L		89
111) 1,2-dichlorobenzene	7.303	146	1663	0.49	ug/L		90
112) 1,2,3-trimethylbenzene	7.068	105	2967	0.51	ug/L		96
113) n-butylbenzene	7.216	134	579	0.37	ug/L		86
115) 1,3,5-trichlorobenzene	7.802	180	1084	0.46	ug/L		86
116) 1,2,4-trichlorobenzene	8.171	180	1041	0.45	ug/L		82
118) naphthalene	8.361	128	3431	0.44	ug/L		97
119) 1,2,3-trichlorobenzene	8.467	180	1076	0.56	ug/L		95
120) hexachloroethane	7.294	119	474	0.40	ug/L	#	75
121) benzyl chloride	7.203	126	394	0.42	ug/L		89
122) 2-methylnaphthalene	8.962	142	808	0.25	ug/L		92

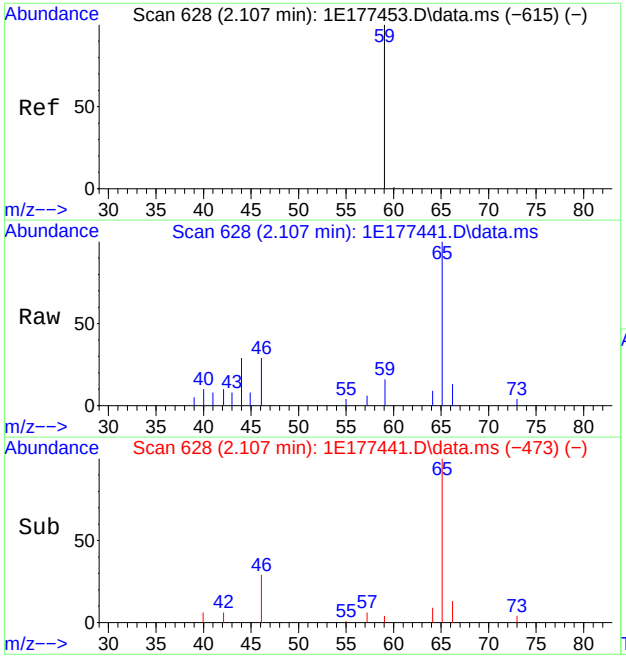
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177441.D
Acq On : 26 Oct 2023 04:46 pm
Operator : louied
Sample : ic8736-0.5
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 27 17:15:06 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

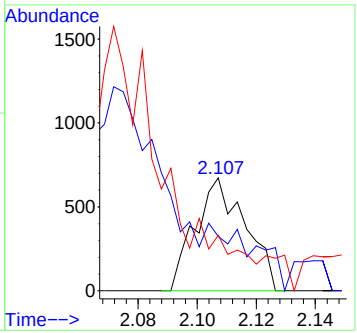


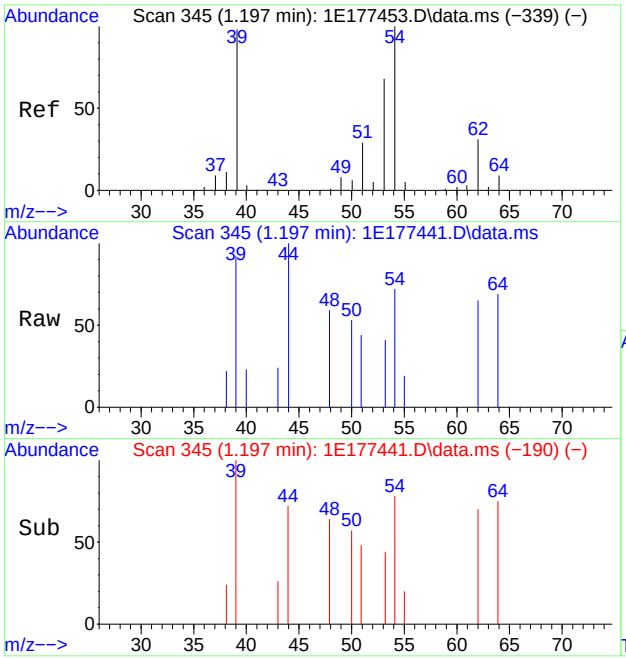


#3
tertiary butyl alcohol
Concen: 2.59 ug/L
RT: 2.107 min Scan# 628
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 59 Resp: 792

Ion	Ratio	Lower	Upper
59	100		
41	48.1	0.0	30.0#
43	17.7	0.0	52.8

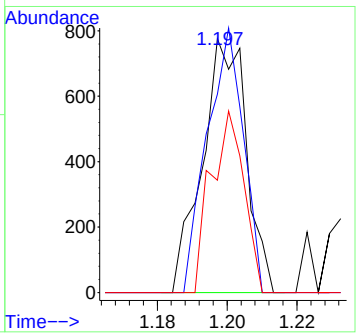


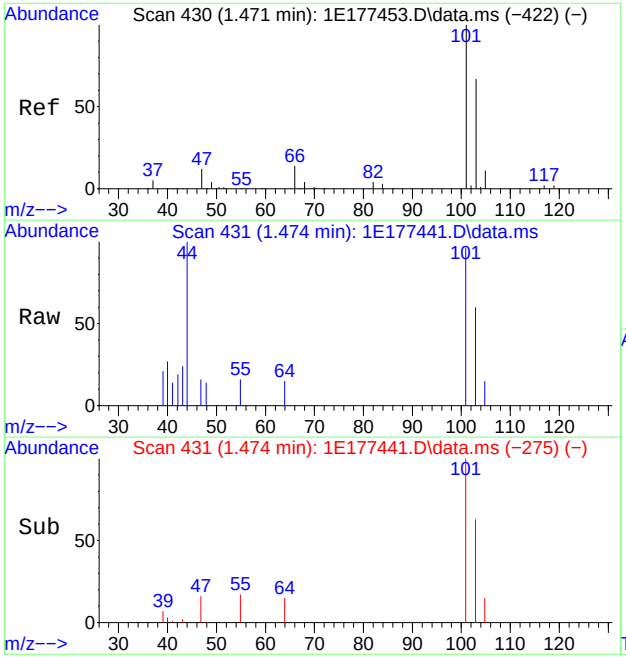


#10
1,3-butadiene
Concen: 0.66 ug/L
RT: 1.197 min Scan# 345
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 39 Resp: 682

Ion	Ratio	Lower	Upper
39	100		
54	78.1	72.3	132.3
53	44.2	39.8	99.8

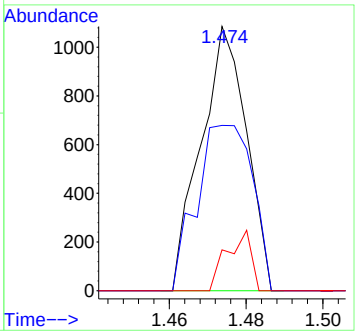


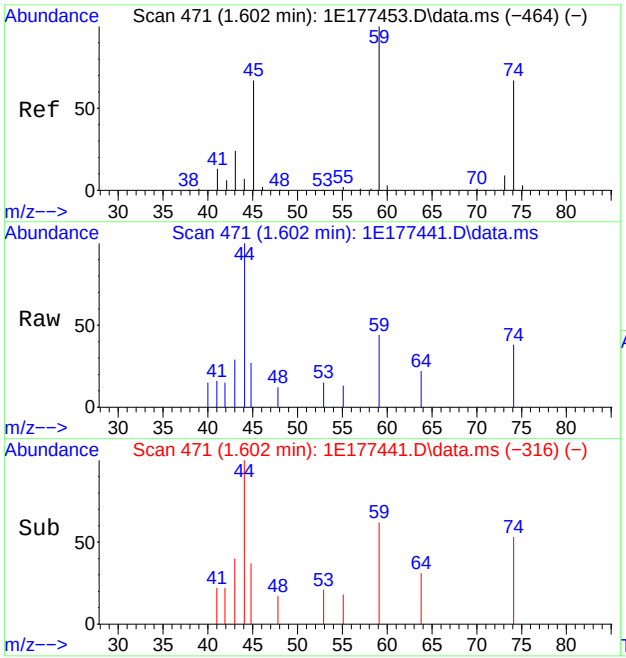


#13
trichlorofluoromethane
Concen: 0.39 ug/L
RT: 1.474 min Scan# 431
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:101 Resp: 898

Ion	Ratio	Lower	Upper
101	100		
103	62.5	37.1	97.1
105	15.5	0.0	40.8

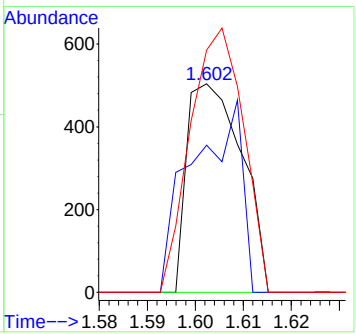


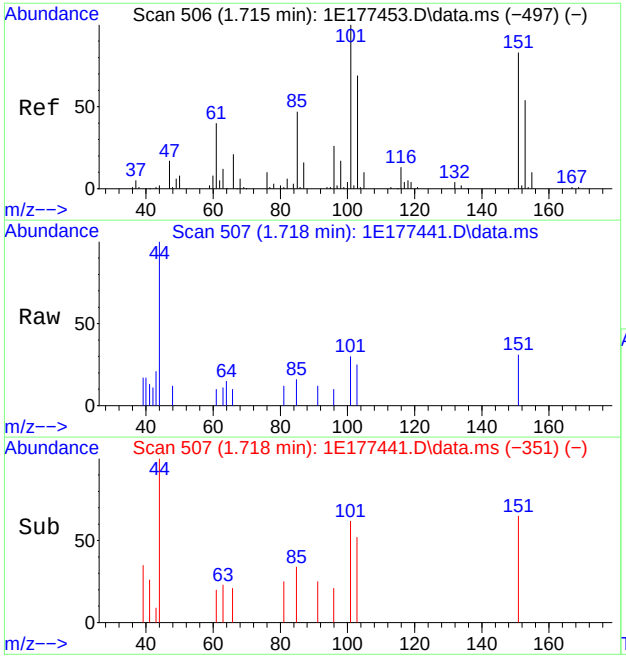


#14
ethyl ether
Concen: 0.56 ug/L
RT: 1.602 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 74 Resp: 402

Ion	Ratio	Lower	Upper
74	100		
45	70.6	69.1	129.1
59	116.1	118.9	178.9#

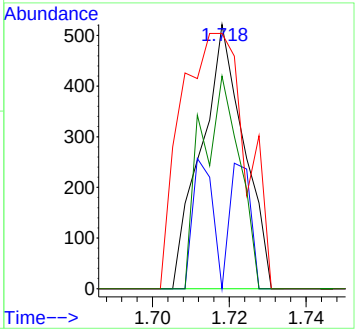


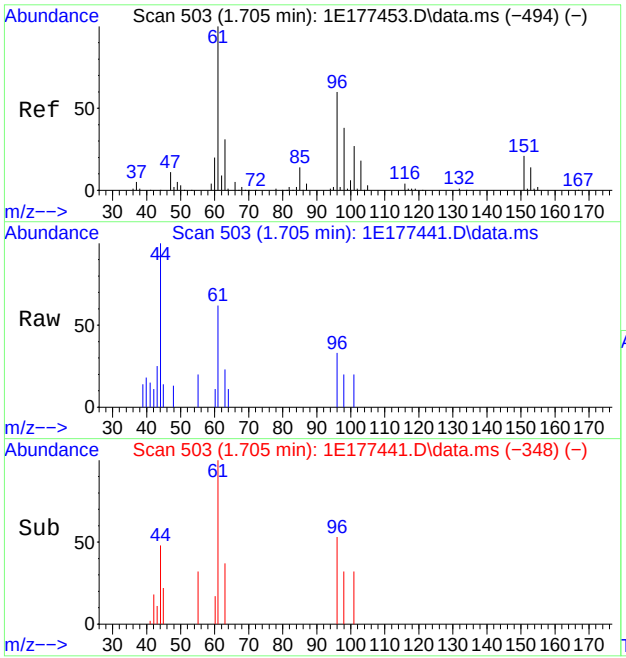


#16
freon 113
Concen: 0.39 ug/L
RT: 1.718 min Scan# 507
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:151 Resp: 402

Ion	Ratio	Lower	Upper
151	100		
153	0.0	44.6	84.6#
101	96.6	100.2	140.2#
103	80.5	62.9	102.9

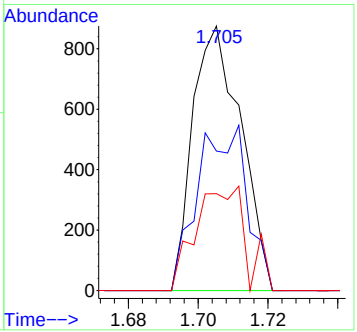


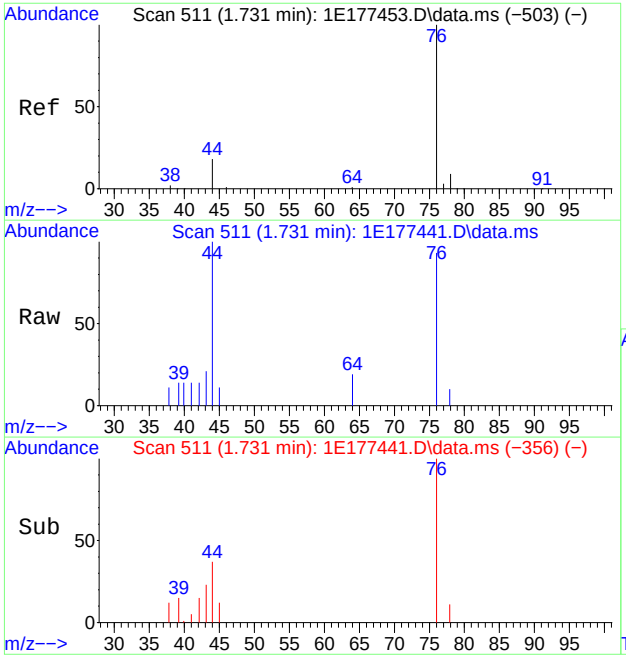


#17
1,1-dichloroethene
Concen: 0.49 ug/L
RT: 1.705 min Scan# 503
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 61 Resp: 841

Ion	Ratio	Lower	Upper
61	100		
96	52.7	29.6	89.6
63	36.6	1.2	61.2

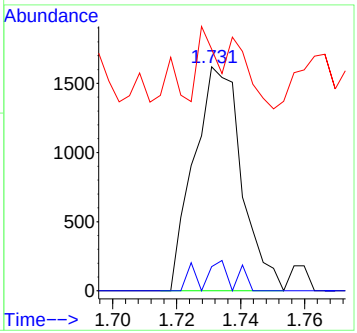


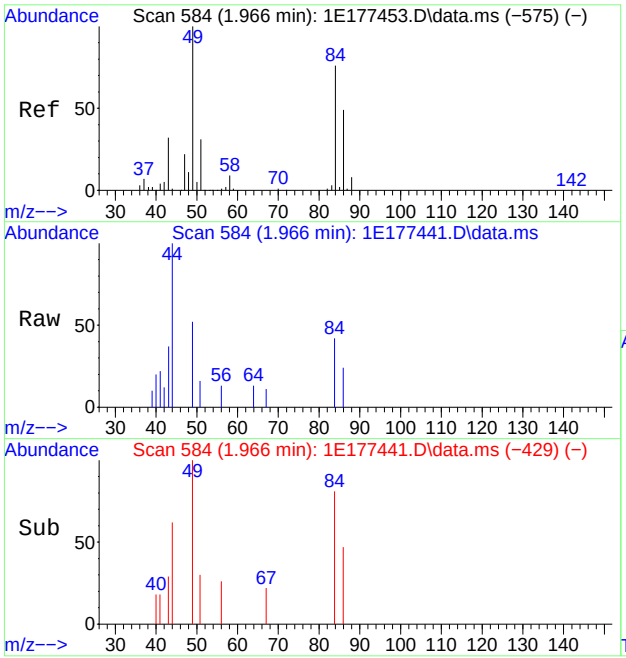


#21
carbon disulfide
Concen: 0.55 ug/L
RT: 1.731 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 76 Resp: 1681

Ion	Ratio	Lower	Upper
76	100		
78	10.7	0.0	39.2
44	23.2	0.0	48.3

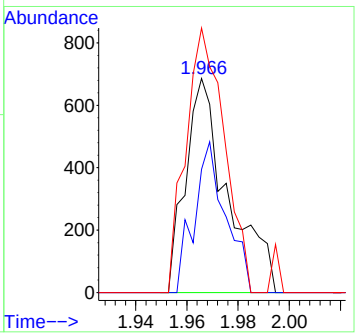


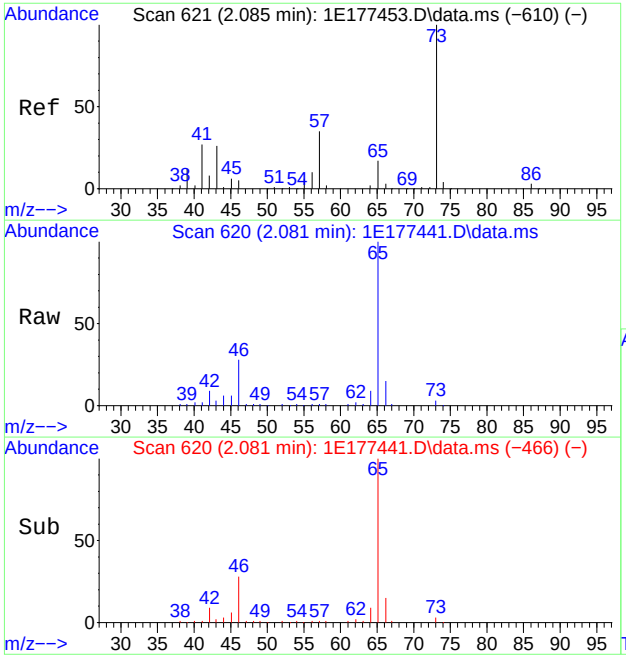


#22
methylene chloride
Concen: 0.68 ug/L
RT: 1.966 min Scan# 584
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 84 Resp: 790

Ion	Ratio	Lower	Upper
84	100		
86	57.6	34.9	94.9
49	123.6	102.4	162.4

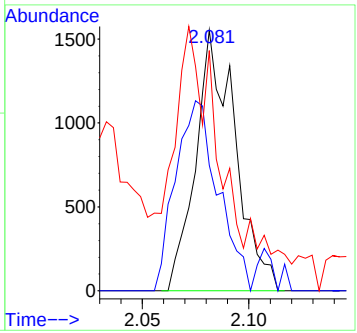


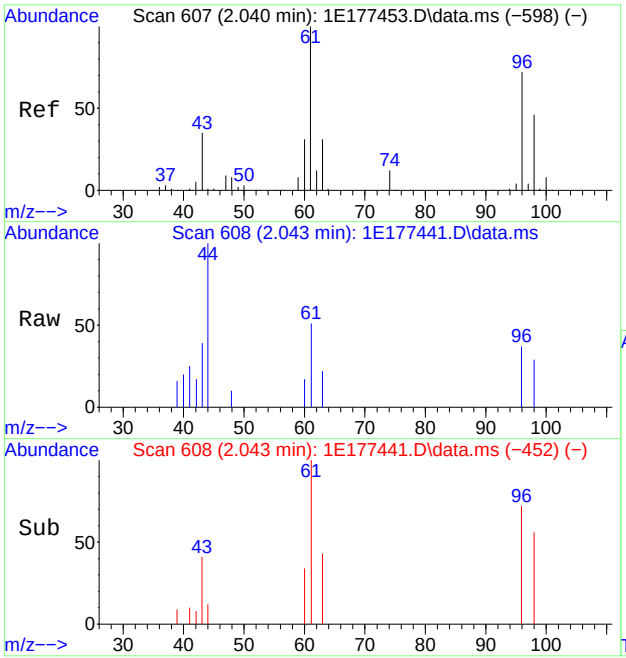


#24
methyl tert butyl ether
Concen: 0.51 ug/L
RT: 2.081 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 73 Resp: 1997

Ion	Ratio	Lower	Upper
73	100		
57	37.9	5.0	65.0
43	78.1	0.4	60.4#

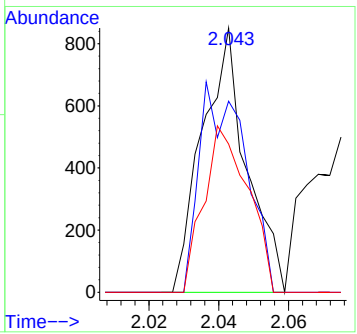


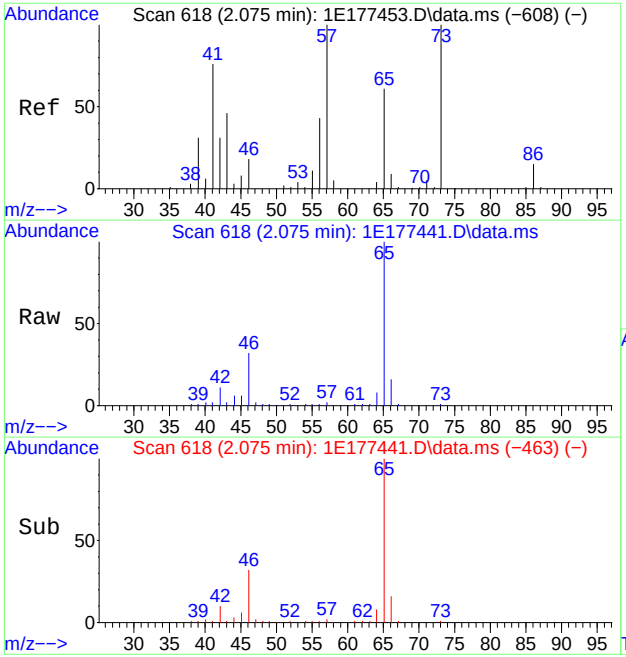


#25
trans-1,2-dichloroethene
Concen: 0.44 ug/L
RT: 2.043 min Scan# 608
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 61 Resp: 751

Ion	Ratio	Lower	Upper
61	100		
96	72.3	41.6	101.6
98	56.1	15.7	75.7

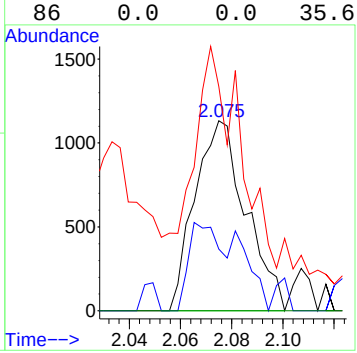


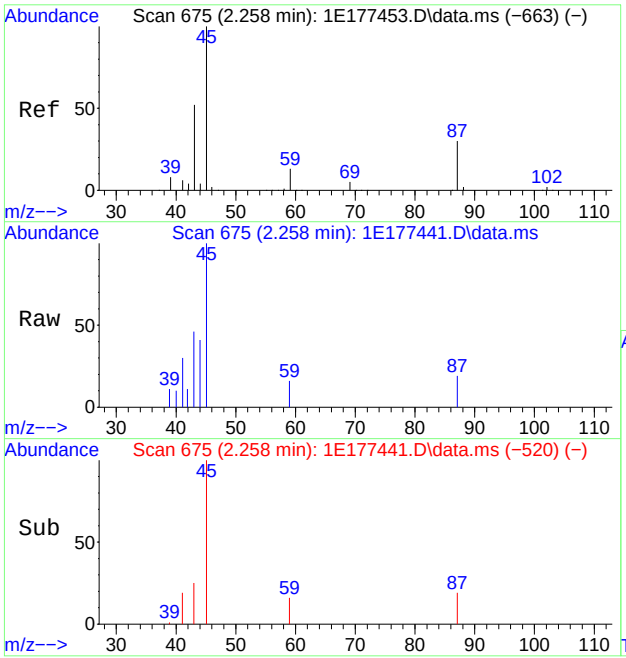


#26
hexane
Concen: 0.57 ug/L
RT: 2.075 min Scan# 618
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 57 Resp: 1568

Ion	Ratio	Lower	Upper
57	100		
56	32.5	23.0	63.0
43	79.9	50.7	90.7
86	0.0	0.0	35.6

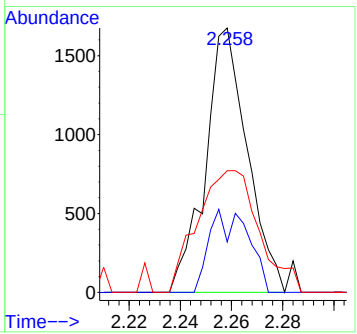


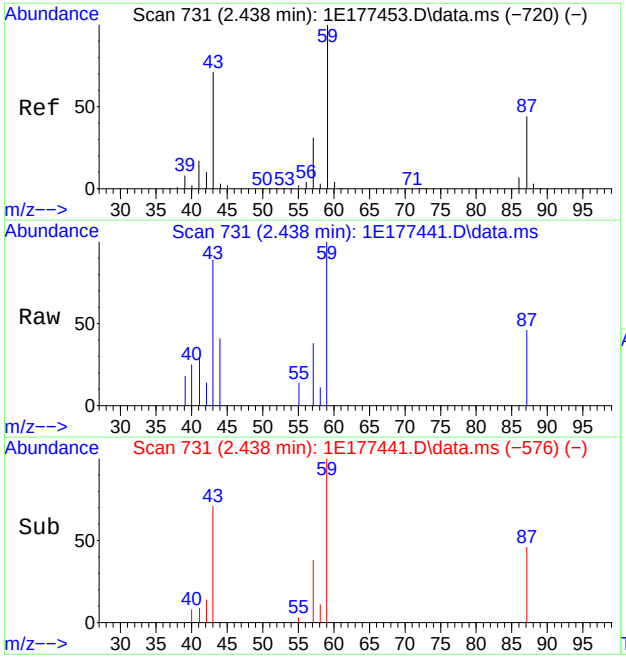


#27
di-isopropyl ether
Concen: 0.45 ug/L
RT: 2.258 min Scan# 675
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 45 Resp: 1914

Ion	Ratio	Lower	Upper
45	100		
87	19.2	0.0	59.9
43	46.0	22.2	82.2

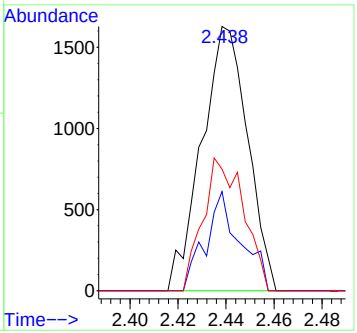


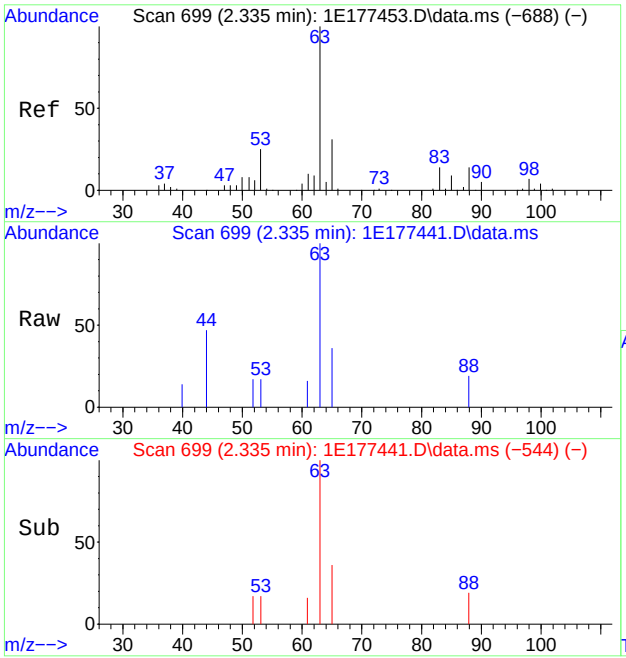


#28
ethyl tert-butyl ether
Concen: 0.50 ug/L
RT: 2.438 min Scan# 731
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 59 Resp: 2161

Ion	Ratio	Lower	Upper
59	100		
57	37.6	1.2	61.2
87	46.0	14.3	74.3

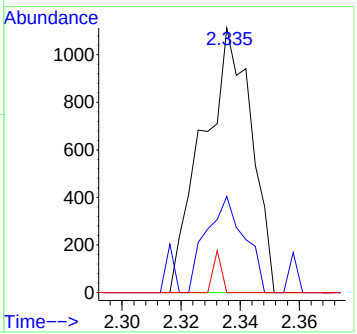


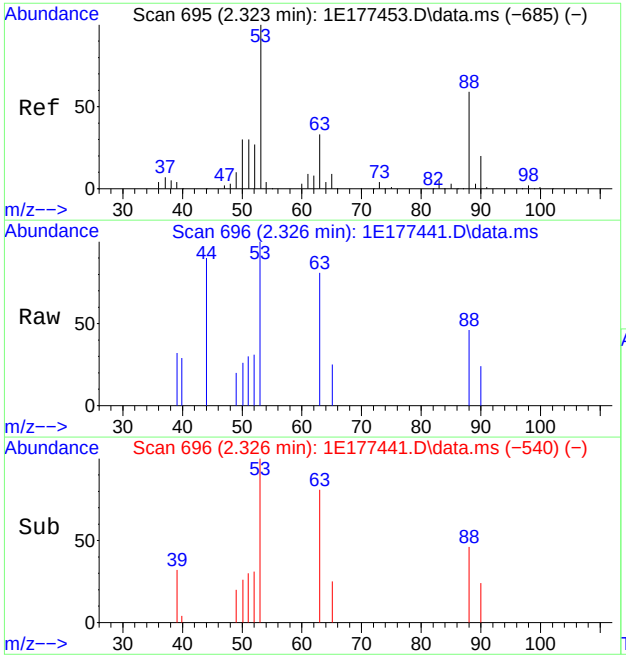


#30
1,1-dichloroethane
Concen: 0.54 ug/L
RT: 2.335 min Scan# 699
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 63 Resp: 1270

Ion	Ratio	Lower	Upper
63	100		
65	36.3	1.1	61.1
83	0.0	0.0	44.4

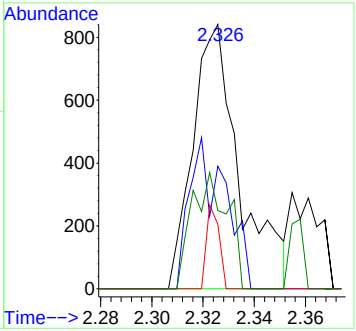


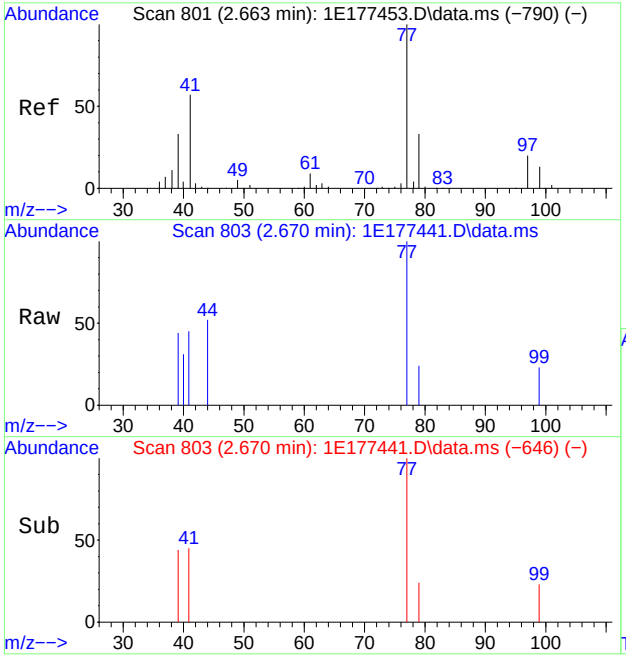


#31
chloroprene
Concen: 0.52 ug/L
RT: 2.326 min Scan# 696
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 53 Resp: 1062

Ion	Ratio	Lower	Upper
53	100		
88	46.4	29.0	89.0
90	24.4	0.0	50.3
51	29.6	0.0	60.0

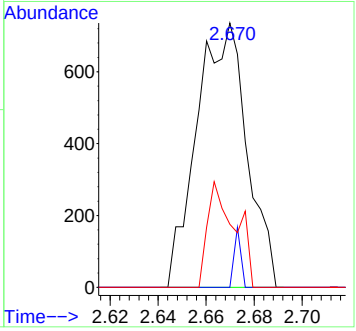


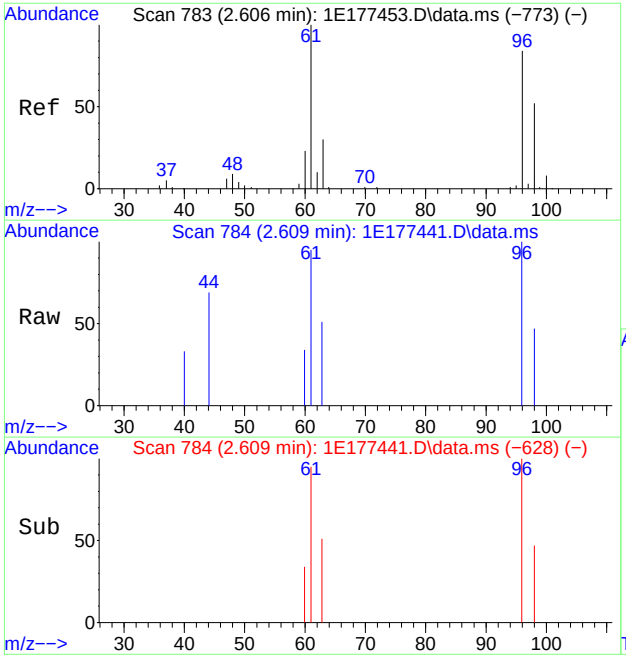


#35
2,2-dichloropropane
Concen: 0.54 ug/L
RT: 2.670 min Scan# 803
Delta R.T. 0.006 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 77 Resp: 1068

Ion	Ratio	Lower	Upper
77	100		
97	0.0	0.0	50.3
79	23.9	2.7	62.7

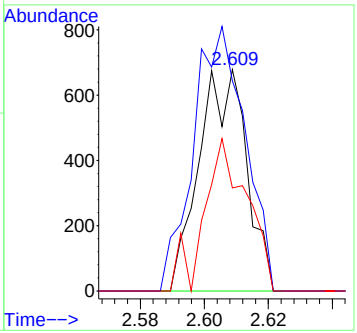


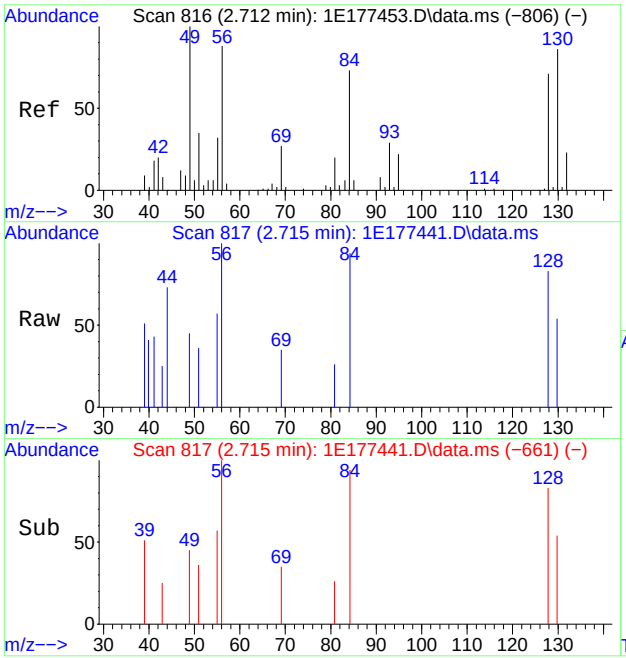


#36
cis-1,2-dichloroethene
Concen: 0.47 ug/L
RT: 2.609 min Scan# 784
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 96 Resp: 700

Ion	Ratio	Lower	Upper
96	100		
61	95.0	89.1	149.1
98	46.6	31.8	91.8

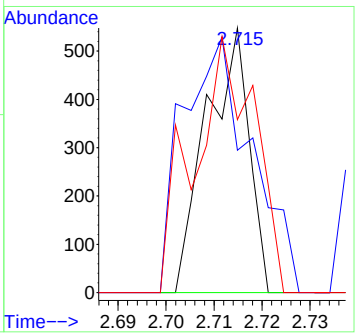


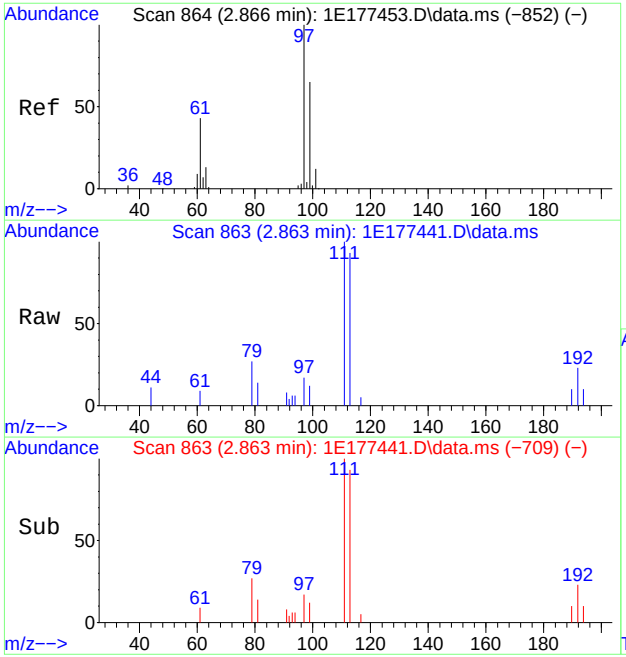


#39
bromochloromethane
Concen: 0.45 ug/L
RT: 2.715 min Scan# 817
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:128 Resp: 339

Ion	Ratio	Lower	Upper
128	100		
49	53.8	113.7	173.7#
130	65.3	91.4	151.4#

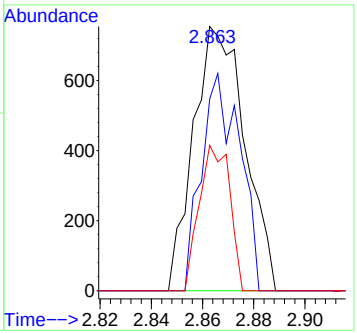


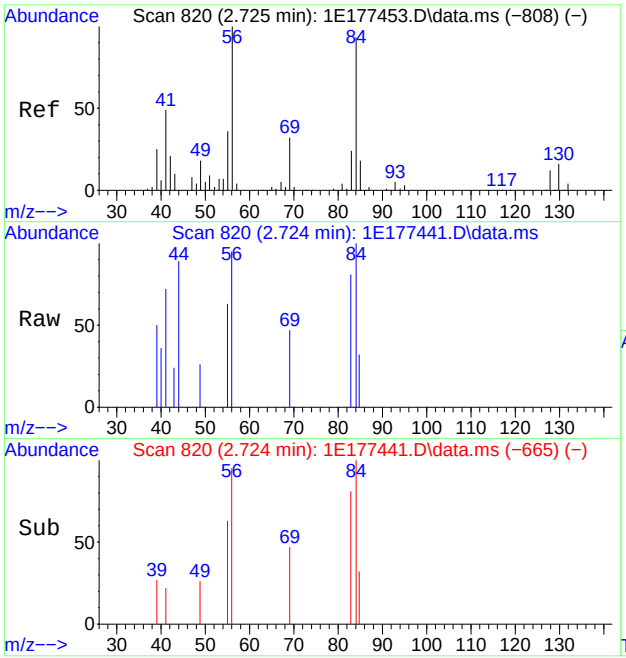


#44
1,1,1-trichloroethane
Concen: 0.45 ug/L
RT: 2.863 min Scan# 863
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 97 Resp: 1052

Ion	Ratio	Lower	Upper
97	100		
99	72.5	34.9	94.9
61	55.0	13.2	73.2

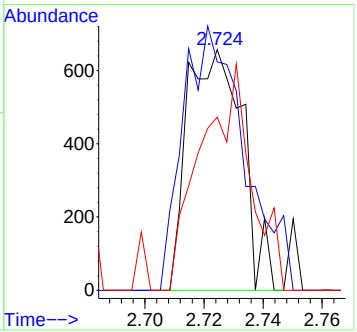


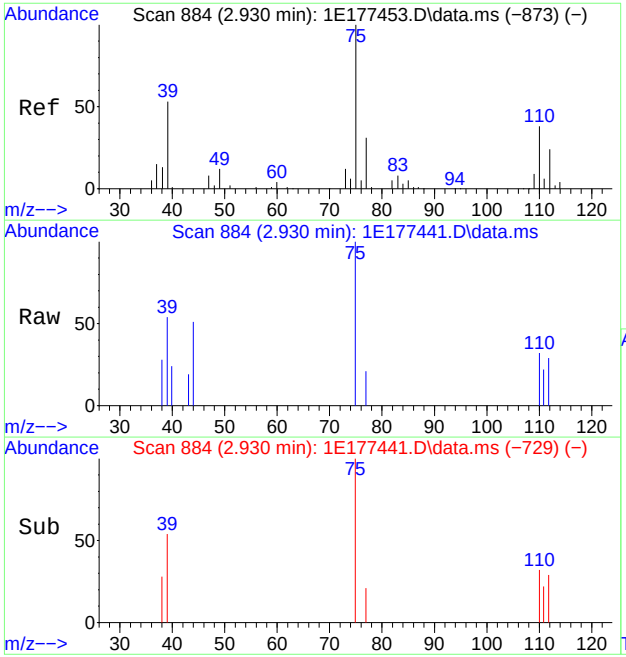


#45
cyclohexane
Concen: 0.40 ug/L
RT: 2.724 min Scan# 820
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 84 Resp: 856

Ion	Ratio	Lower	Upper
84	100		
56	72.1	87.1	127.1#
41	54.7	36.3	76.3

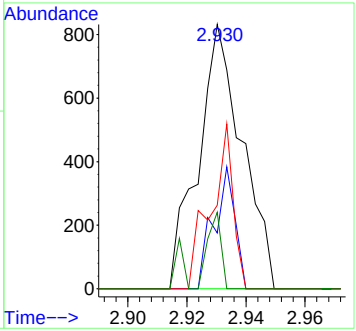


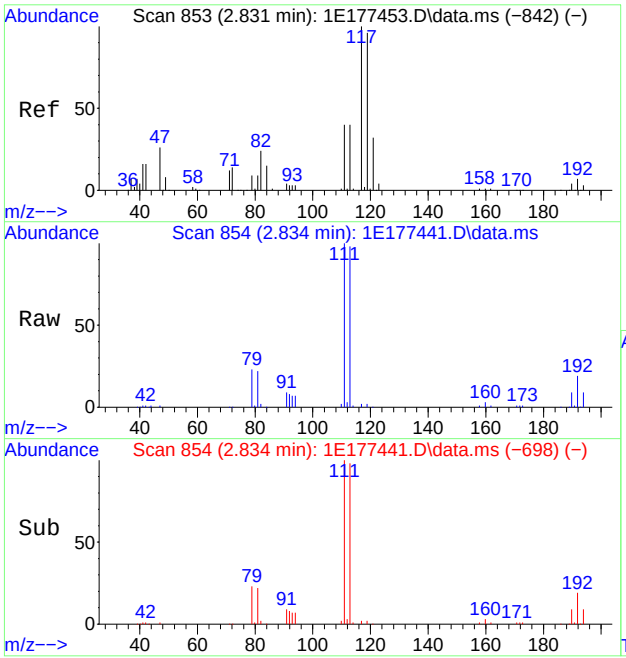


#46
1,1-dichloropropene
Concen: 0.46 ug/L
RT: 2.930 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 75 Resp: 861

Ion	Ratio	Lower	Upper
75	100		
77	21.2	10.6	50.6
110	31.6	17.7	57.7
112	29.0	4.2	44.2

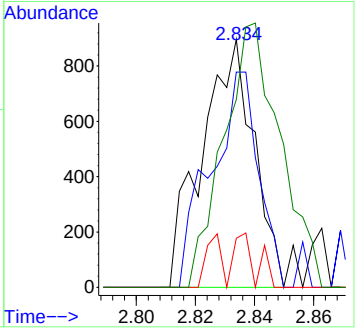


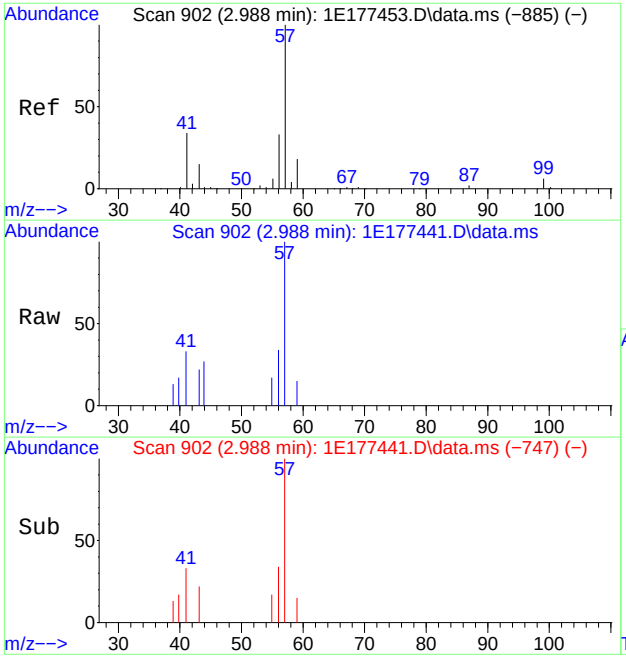


#47
carbon tetrachloride
Concen: 0.50 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:117 Resp: 1097

Ion	Ratio	Lower	Upper
117	100		
119	86.7	76.4	116.4
121	19.7	12.4	52.4
82	75.7	4.0	44.0#

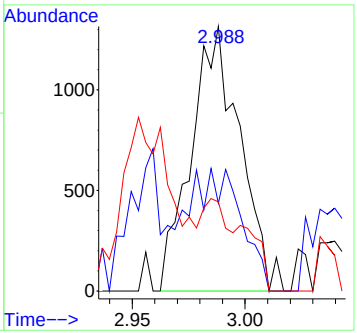


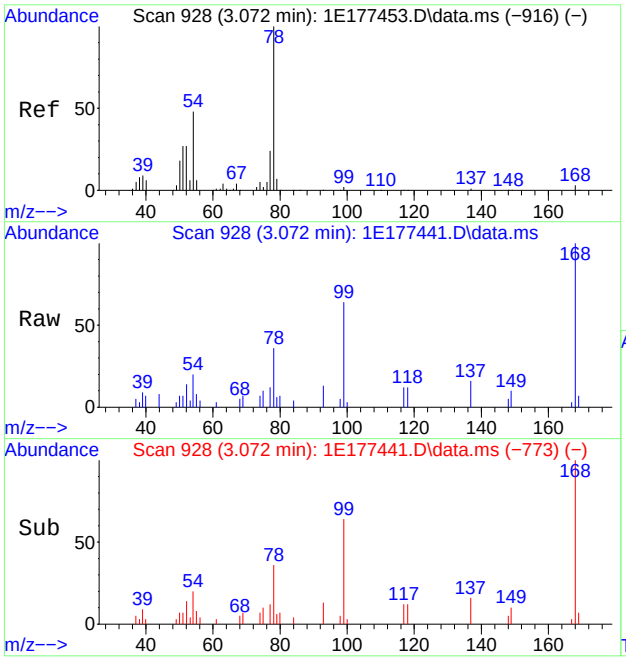


#52
iso-octane
Concen: 0.42 ug/L
RT: 2.988 min Scan# 902
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 57 Resp: 1983

Ion	Ratio	Lower	Upper
57	100		
41	33.1	14.3	54.3
56	33.6	13.6	53.6

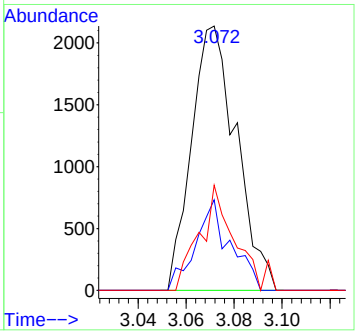


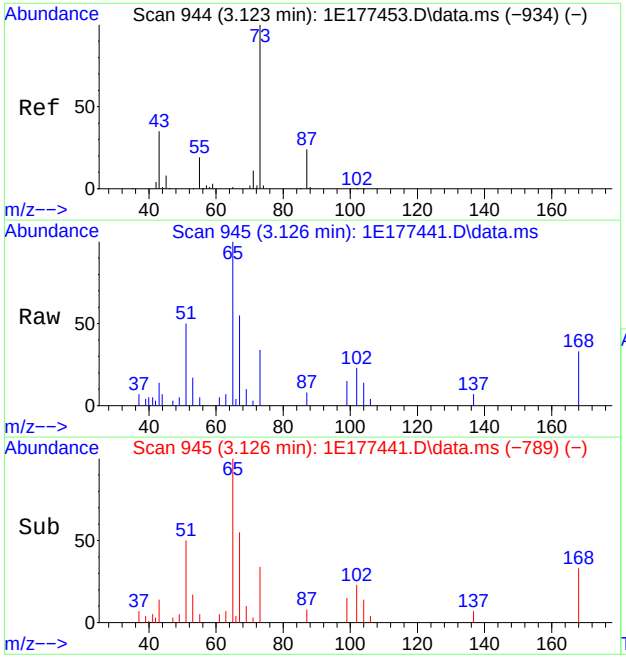


#53
benzene
Concen: 0.56 ug/L
RT: 3.072 min Scan# 928
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 78 Resp: 2777

Ion	Ratio	Lower	Upper
78	100		
77	34.2	0.0	54.3
52	39.8	0.0	57.1

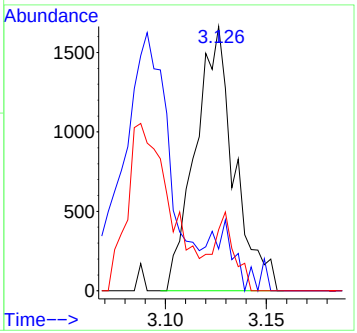


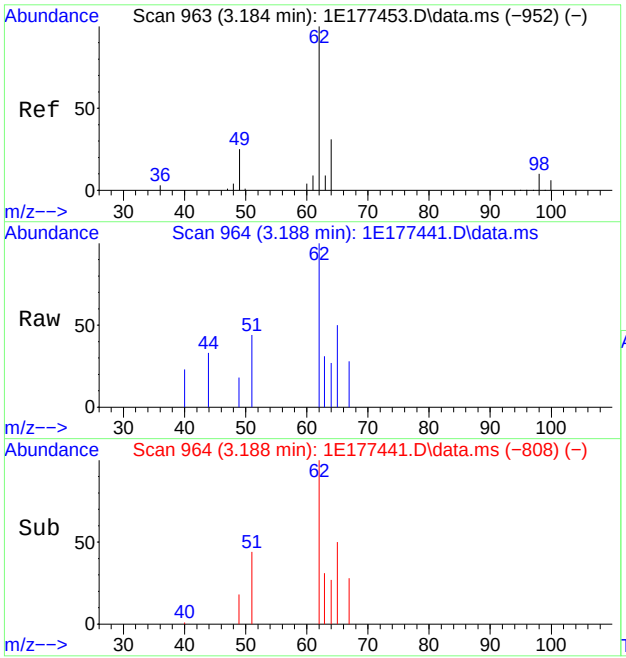


#54
tert-amyl methyl ether
Concen: 0.53 ug/L
RT: 3.126 min Scan# 945
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 73 Resp: 2222

Ion	Ratio	Lower	Upper
73	100		
55	15.9	2.5	42.5
87	23.1	5.0	45.0

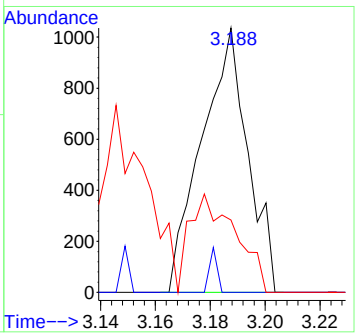


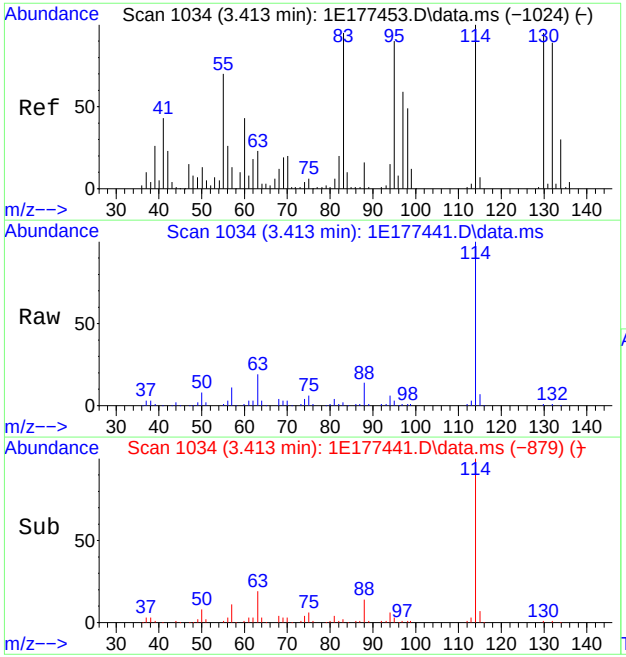


#57
1,2-dichloroethane
Concen: 0.55 ug/L
RT: 3.188 min Scan# 964
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 62 Resp: 1211

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	39.5
64	27.3	1.9	61.9

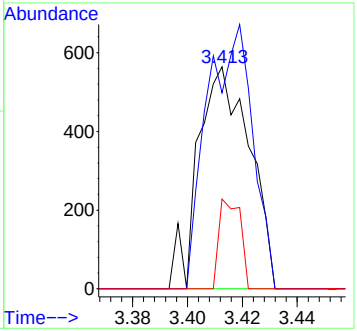


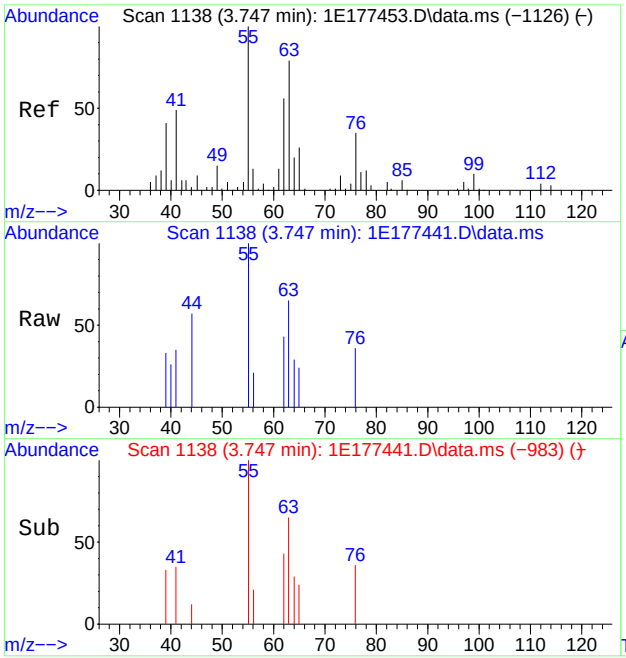


#60
trichloroethene
Concen: 0.40 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:130 Resp: 738

Ion	Ratio	Lower	Upper
130	100		
132	88.3	63.8	123.8
134	40.4	1.3	61.3

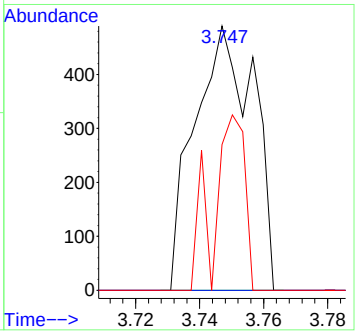


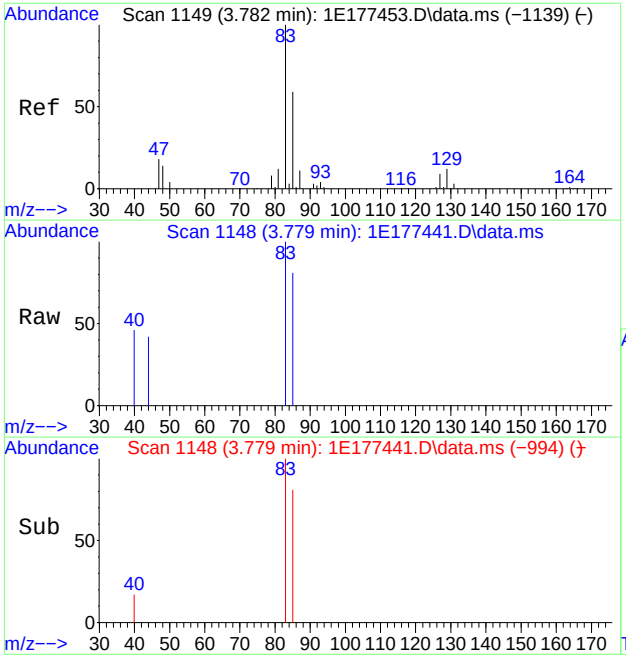


#64
1,2-dichloropropane
Concen: 0.42 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 63 Resp: 626

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.8
76	55.1	14.8	74.8

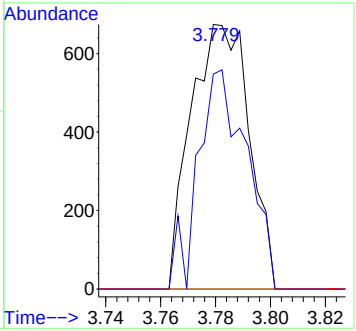


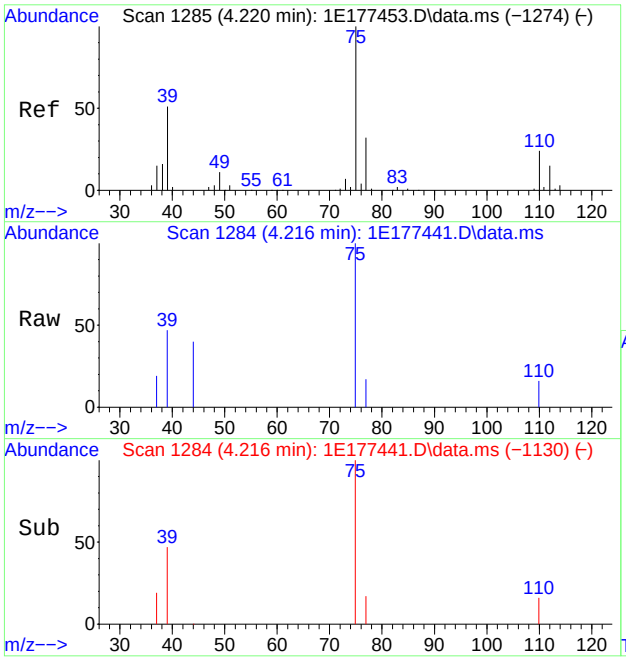


#67
bromodichloromethane
Concen: 0.51 ug/L
RT: 3.779 min Scan# 1148
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 83 Resp: 1000

Ion	Ratio	Lower	Upper
83	100		
85	81.2	33.0	93.0
127	0.0	0.0	38.8

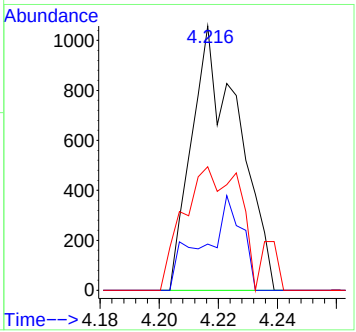


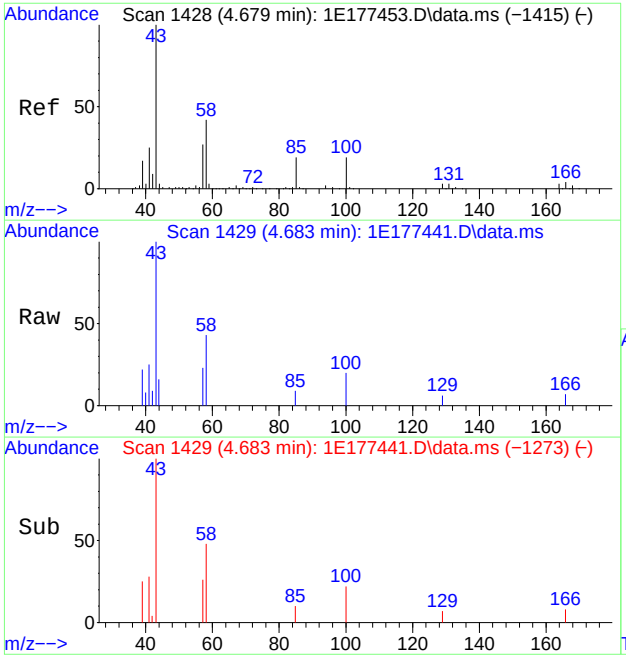


#69
cis-1,3-dichloropropene
Concen: 0.45 ug/L
RT: 4.216 min Scan# 1284
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 75 Resp: 1170

Ion	Ratio	Lower	Upper
75	100		
77	17.5	2.1	62.1
39	46.7	23.0	83.0

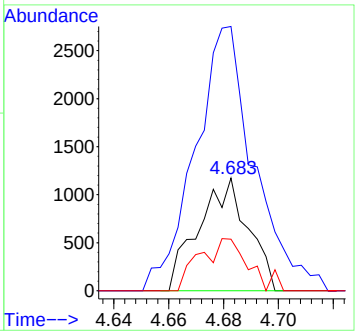


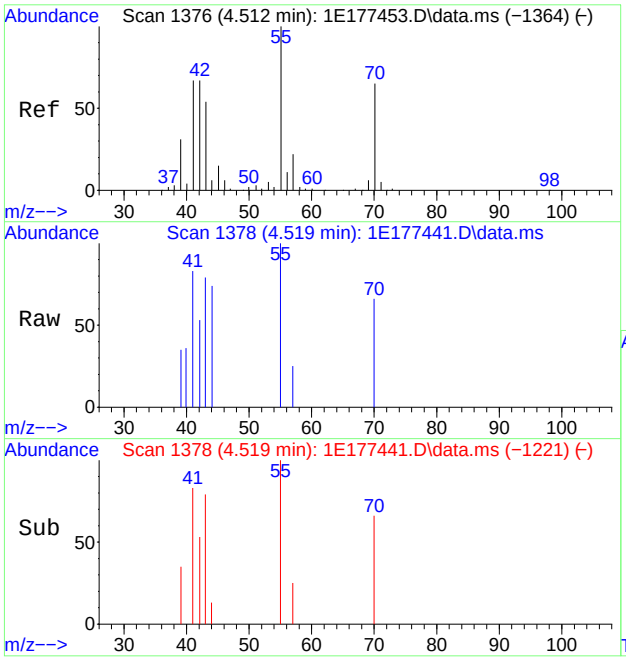


#70
4-methyl-2-pentanone
Concen: 1.64 ug/L
RT: 4.683 min Scan# 1429
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 58 Resp: 1469

Ion	Ratio	Lower	Upper
58	100		
43	214.2	210.4	270.4
100	45.9	14.6	74.6

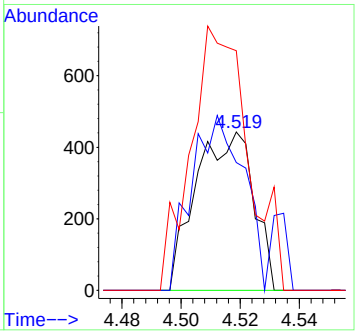


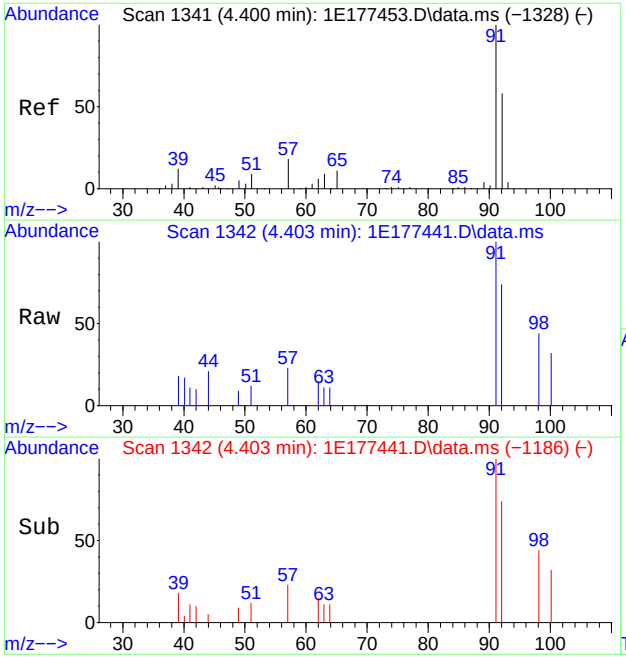


#71
3-methyl-1-butanol
Concen: 9.90 ug/L
RT: 4.519 min Scan# 1378
Delta R.T. 0.006 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 70 Resp: 601

Ion	Ratio	Lower	Upper
70	100		
42	80.6	73.1	133.1
55	151.2	123.9	183.9

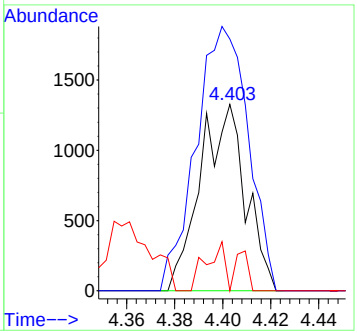


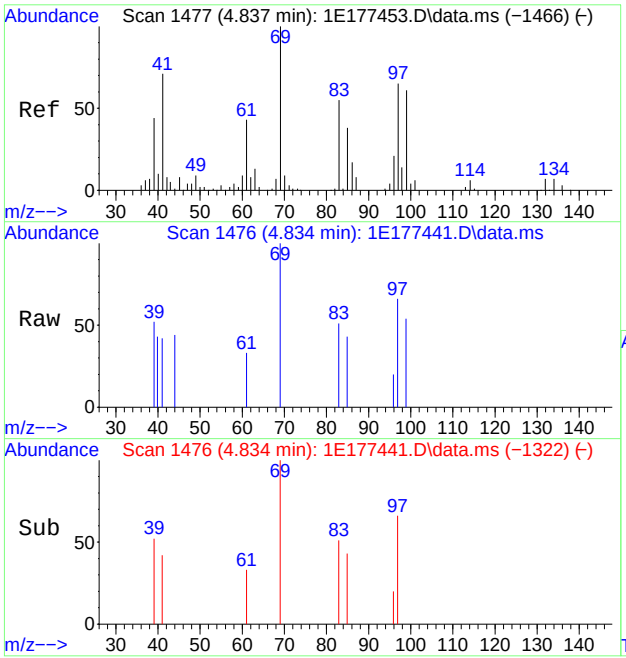


#74
toluene
Concen: 0.50 ug/L
RT: 4.403 min Scan# 1342
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 92 Resp: 1739

Ion	Ratio	Lower	Upper
92	100		
91	135.1	151.4	191.4#
65	0.0	0.0	39.2

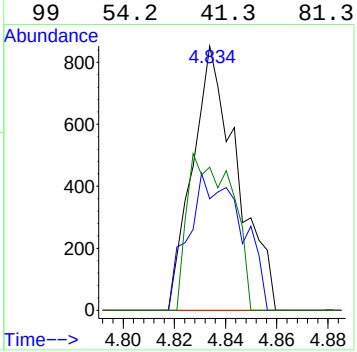


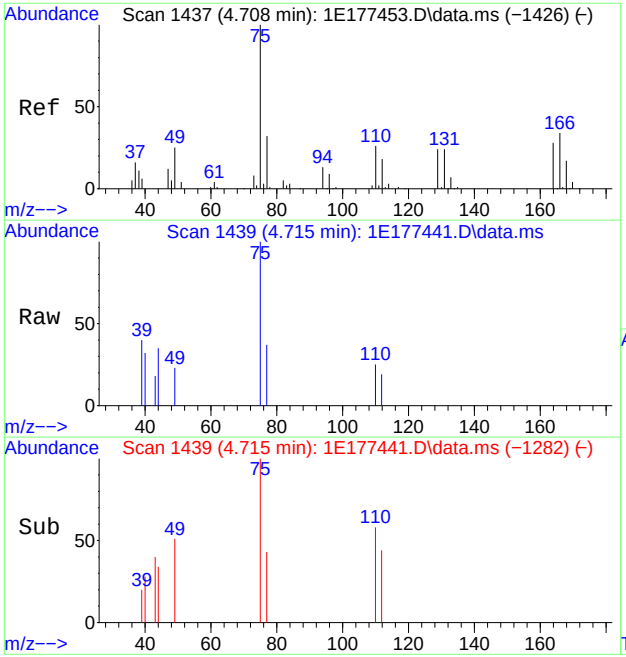


#75
ethyl methacrylate
Concen: 0.48 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 69 Resp: 1034

Ion	Ratio	Lower	Upper
69	100		
41	42.2	51.1	91.1#
86	0.0	0.0	36.7
99	54.2	41.3	81.3

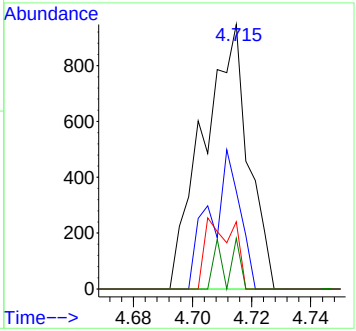


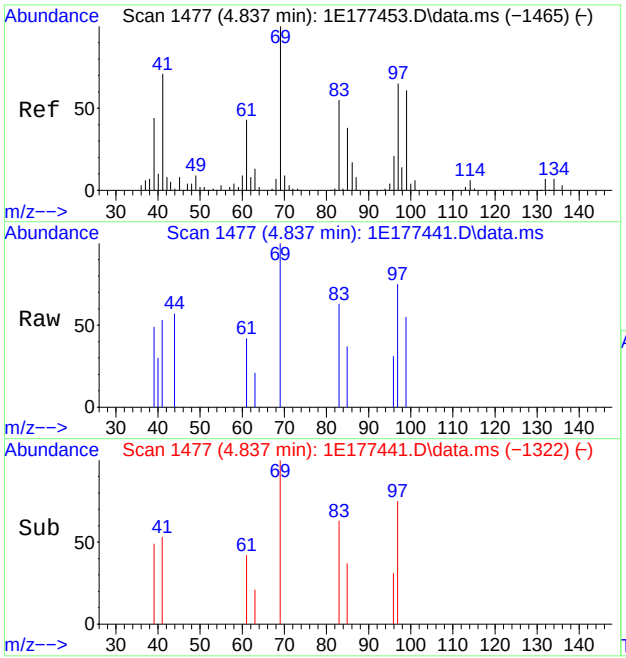


#76
trans-1,3-dichloropropene
Concen: 0.44 ug/L
RT: 4.715 min Scan# 1439
Delta R.T. 0.006 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 75 Resp: 1004

Ion	Ratio	Lower	Upper
75	100		
77	36.9	12.4	52.4
110	25.4	6.3	46.3
112	19.1	0.0	37.7

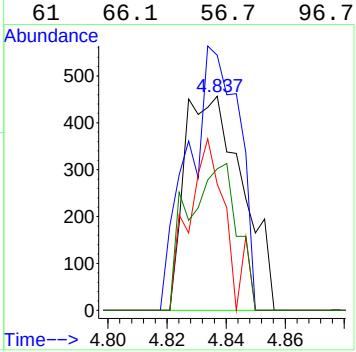


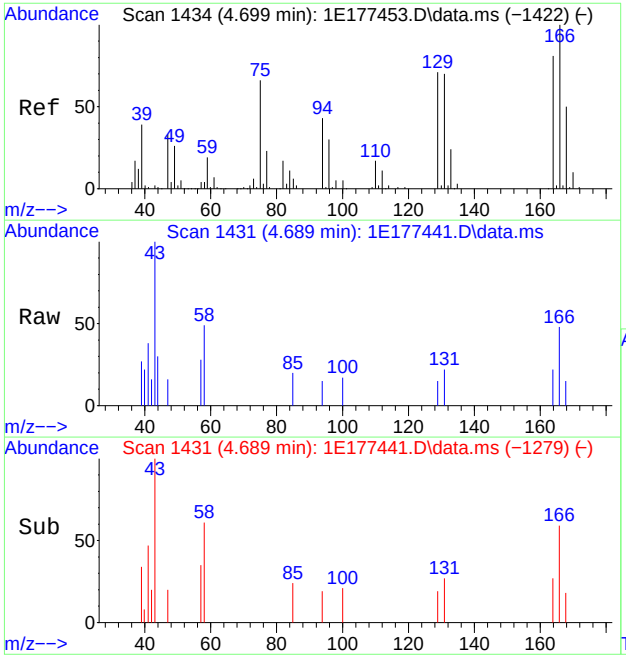


#77
1,1,2-trichloroethane
Concen: 0.50 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 83 Resp: 620

Ion	Ratio	Lower	Upper
83	100		
97	119.0	97.4	137.4
85	58.9	48.3	88.3
61	66.1	56.7	96.7

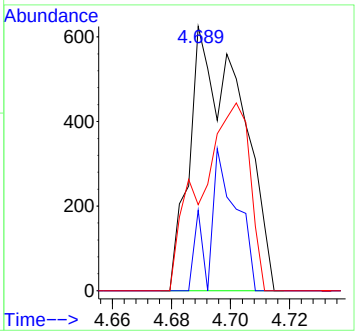


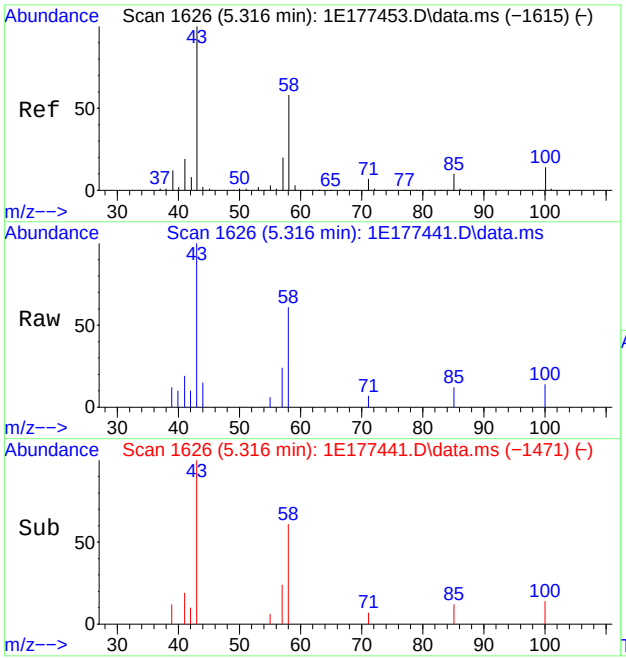


#78
tetrachloroethene
Concen: 0.43 ug/L
RT: 4.689 min Scan# 1431
Delta R.T. -0.010 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:166 Resp: 757

Ion	Ratio	Lower	Upper
166	100		
168	30.4	20.1	80.1
129	32.5	41.0	101.0#

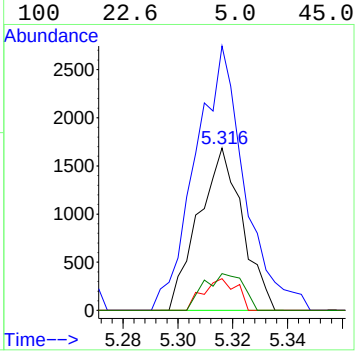


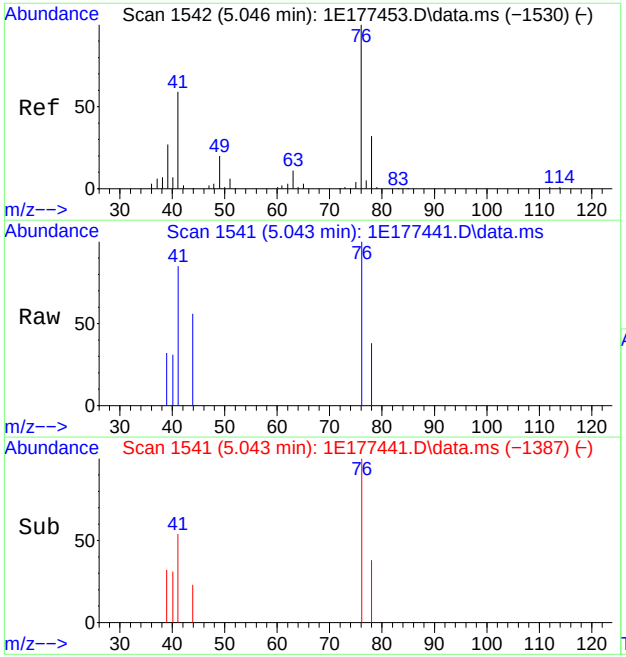


#79
2-hexanone
Concen: 1.77 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 58 Resp: 1872

Ion	Ratio	Lower	Upper
58	100		
43	150.0	153.6	193.6#
85	19.5	0.0	37.1
100	22.6	5.0	45.0

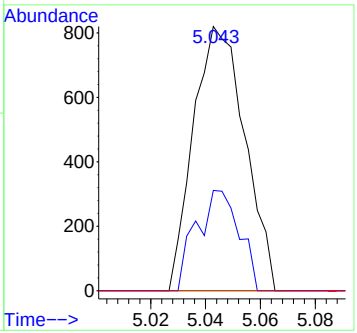


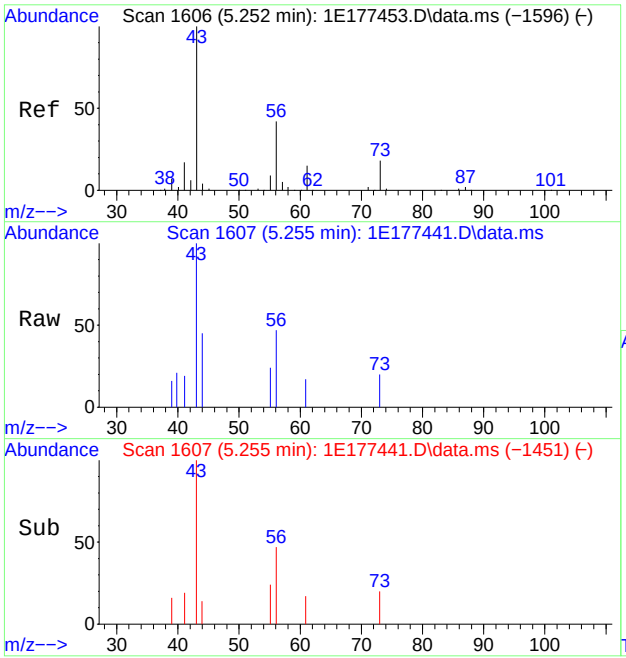


#80
1,3-dichloropropane
Concen: 0.44 ug/L
RT: 5.043 min Scan# 1541
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 76 Resp: 1066

Ion	Ratio	Lower	Upper
76	100		
78	37.9	2.4	62.4
63	0.0	0.0	41.1

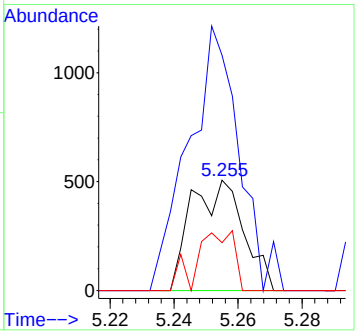


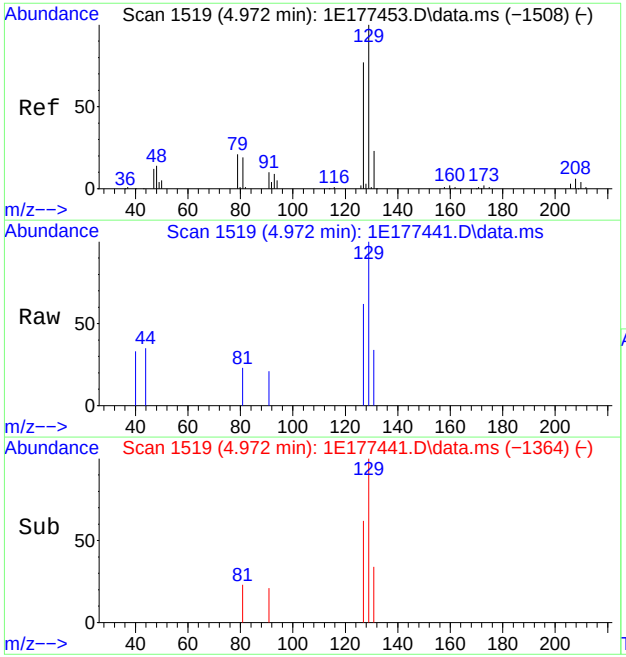


#81
butyl acetate
Concen: 0.46 ug/L
RT: 5.255 min Scan# 1607
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 56 Resp: 576

Ion	Ratio	Lower	Upper
56	100		
43	213.2	205.8	265.8
73	43.4	13.1	73.1

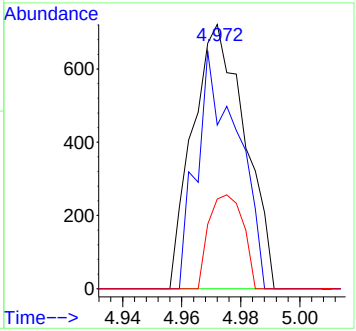


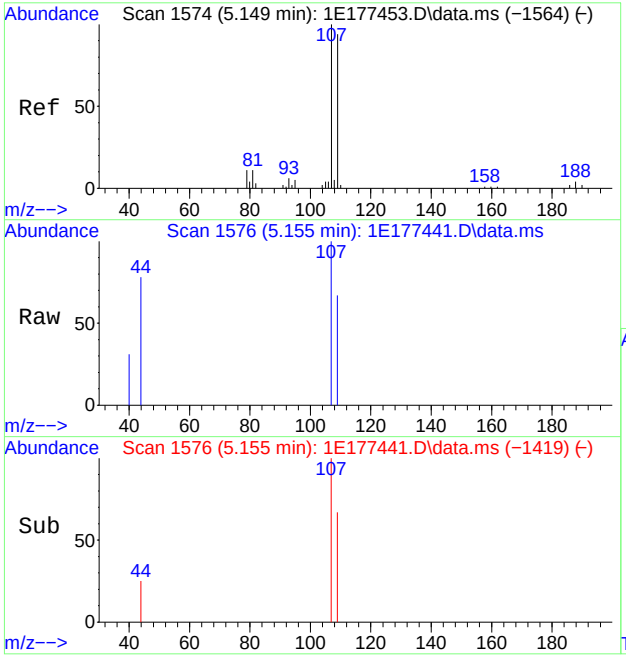


#82
dibromochloromethane
Concen: 0.48 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:129 Resp: 886

Ion	Ratio	Lower	Upper
129	100		
127	61.9	47.3	107.3
131	33.9	0.0	52.9

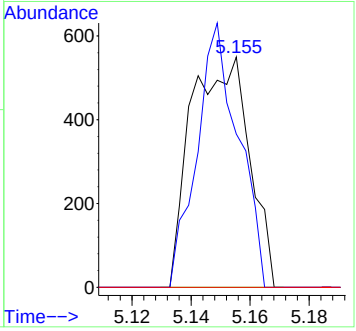


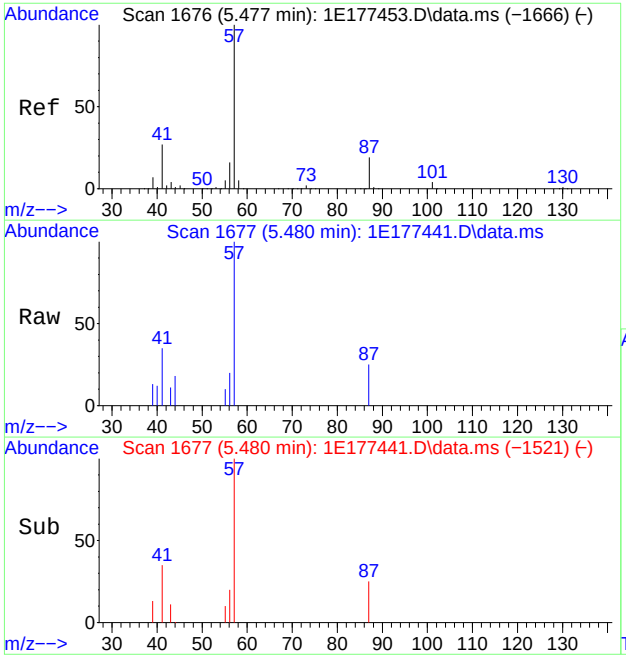


#83
1,2-dibromoethane
Concen: 0.45 ug/L
RT: 5.155 min Scan# 1576
Delta R.T. 0.006 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:107 Resp: 751

Ion	Ratio	Lower	Upper
107	100		
109	66.5	63.9	123.9
188	0.0	0.0	34.1

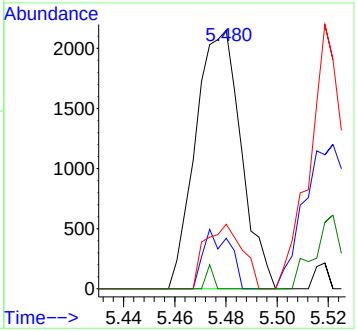


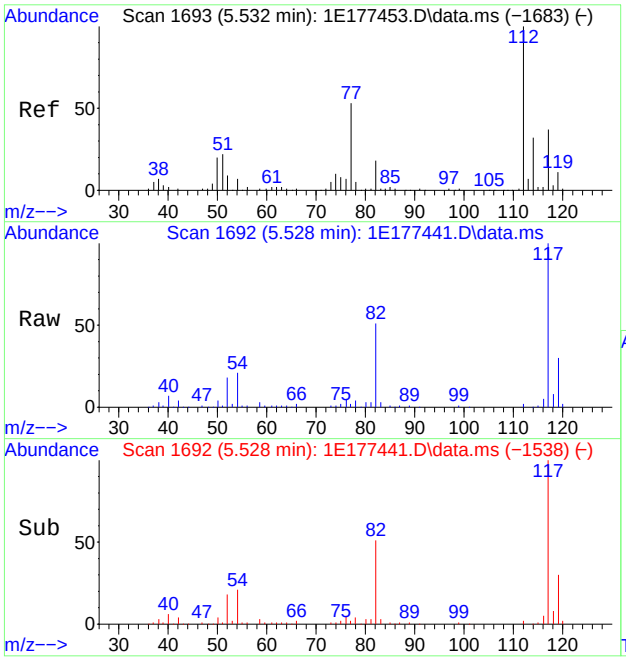


#84
n-butyl ether
Concen: 0.45 ug/L
RT: 5.480 min Scan# 1677
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 57 Resp: 2662

Ion	Ratio	Lower	Upper
57	100		
56	19.6	0.0	45.9
87	25.0	0.0	49.2
101	0.0	0.0	34.4

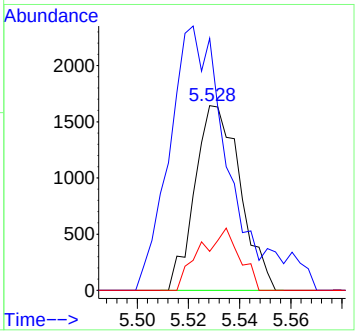


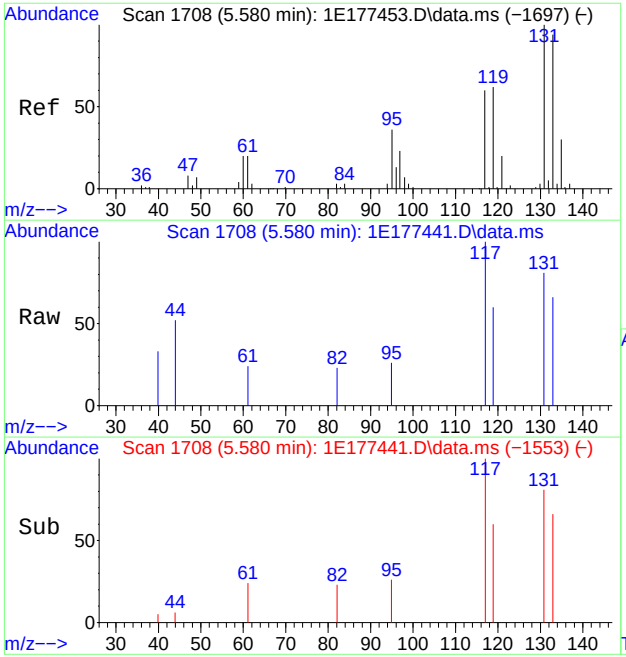


#85
chlorobenzene
Concen: 0.49 ug/L
RT: 5.528 min Scan# 1692
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:112 Resp: 2026

Ion	Ratio	Lower	Upper
112	100		
77	122.1	23.2	83.2#
114	21.1	2.3	62.3

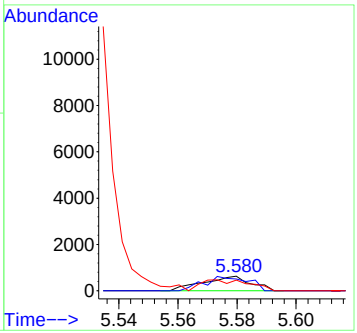


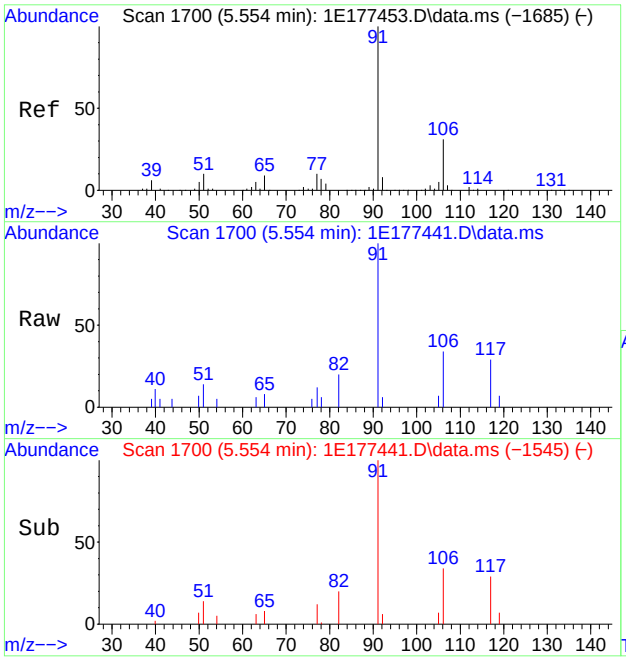


#86
1,1,1,2-tetrachloroethane
Concen: 0.42 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:131 Resp: 706

Ion	Ratio	Lower	Upper
131	100		
133	81.2	64.5	124.5
119	73.7	33.5	93.5

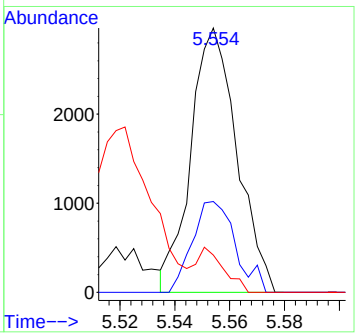


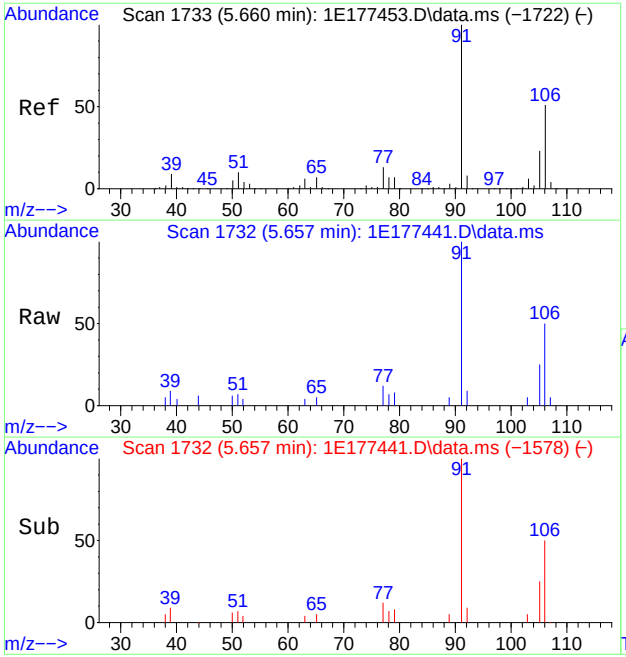


#87
ethylbenzene
Concen: 0.54 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 91 Resp: 3474

Ion	Ratio	Lower	Upper
91	100		
106	34.4	1.0	61.0
51	14.1	0.0	40.1

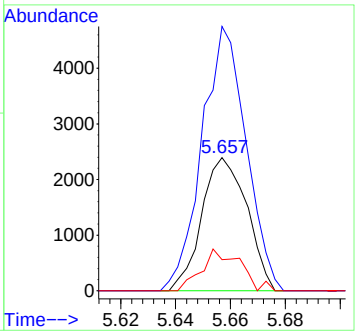


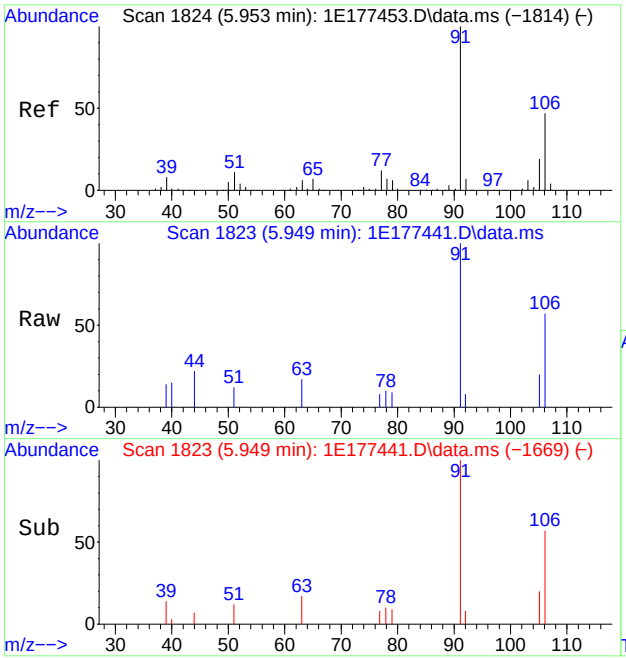


#88
m,p-xylene
Concen: 1.11 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:106 Resp: 2737

Ion	Ratio	Lower	Upper
106	100		
91	198.5	166.4	226.4
77	23.4	5.3	45.3

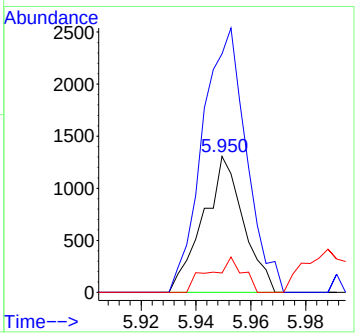


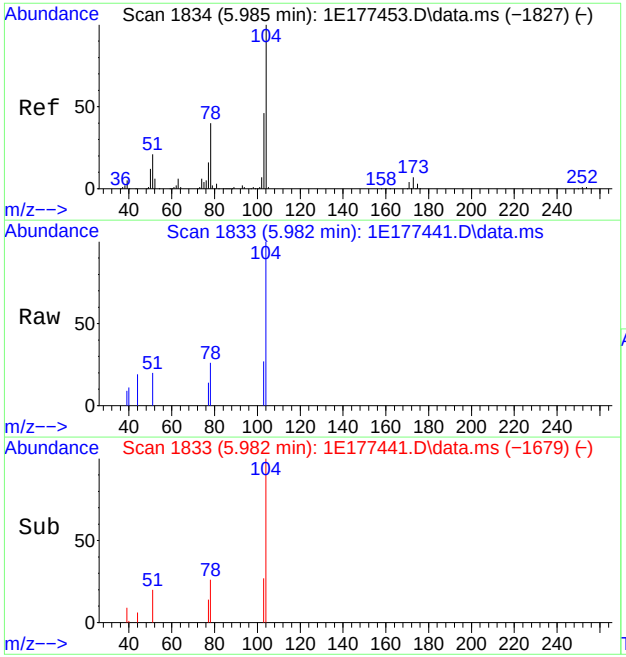


#89
o-xylene
Concen: 0.52 ug/L
RT: 5.949 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:106 Resp: 1330

Ion	Ratio	Lower	Upper
106	100		
91	175.2	184.0	244.0#
77	14.3	6.6	46.6

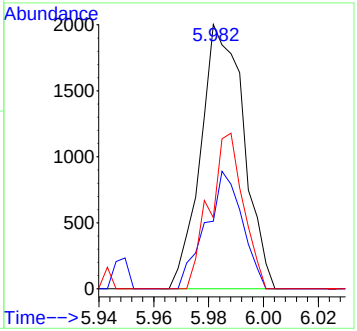


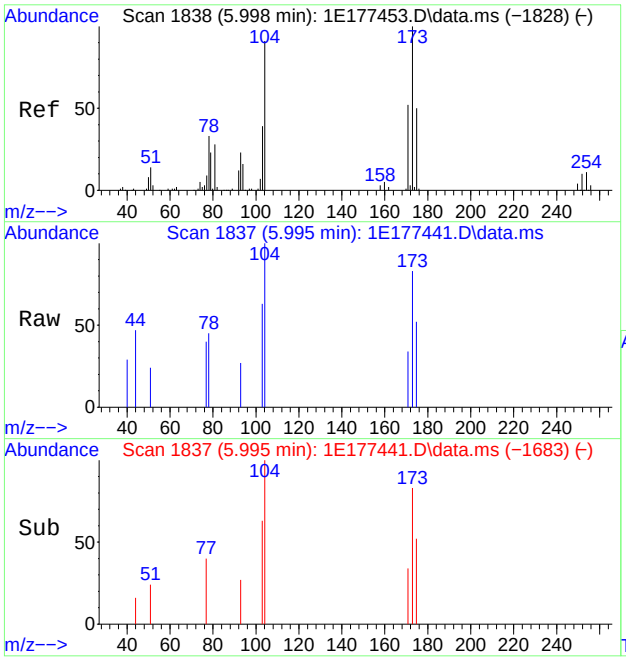


#90
styrene
Concen: 0.47 ug/L
RT: 5.982 min Scan# 1833
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:104 Resp: 2183

Ion	Ratio	Lower	Upper
104	100		
78	25.6	12.2	72.2
103	27.0	18.0	78.0

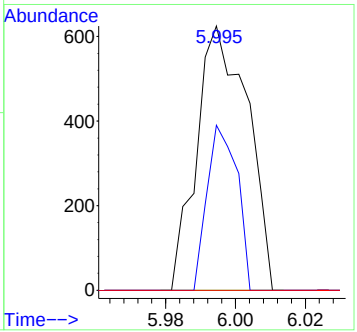


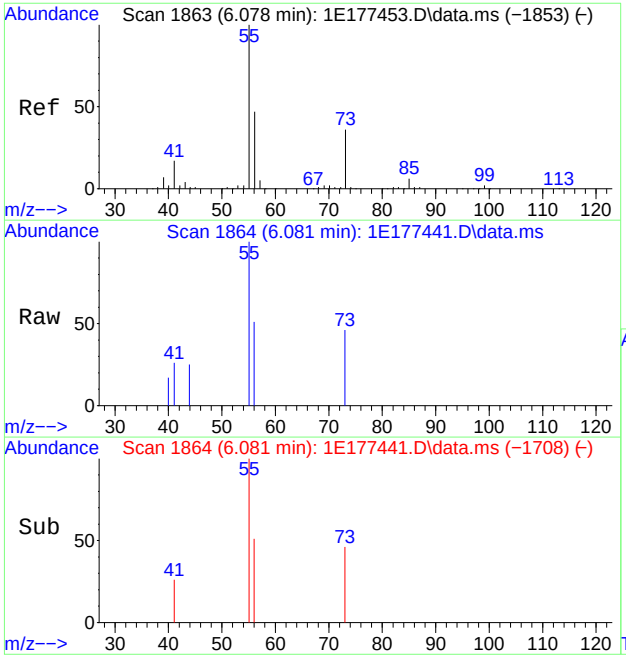


#91
bromoform
Concen: 0.46 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:173 Resp: 636

Ion	Ratio	Lower	Upper
173	100		
175	62.4	20.2	80.2
254	0.0	0.0	40.9

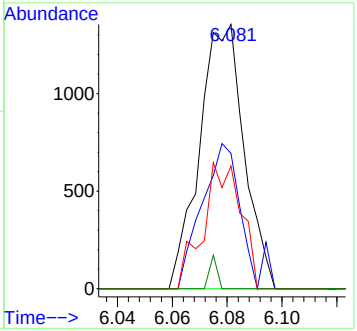


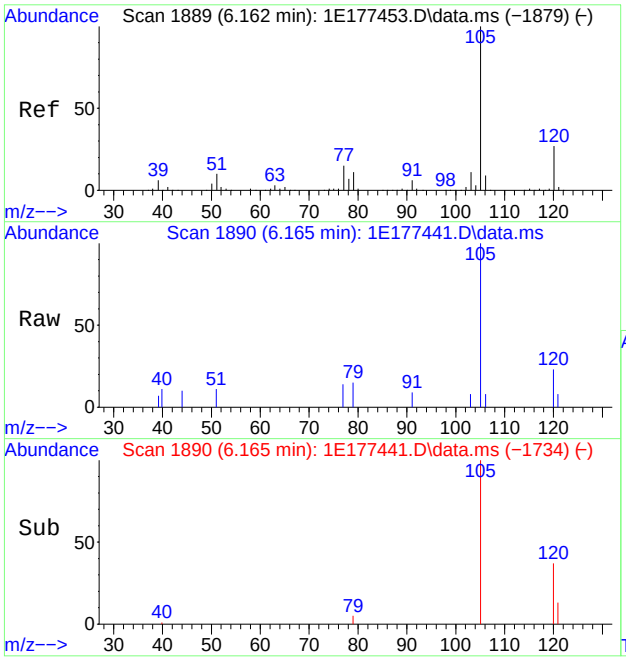


#92
butyl acrylate
Concen: 0.45 ug/L
RT: 6.081 min Scan# 1864
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 55 Resp: 1531

Ion	Ratio	Lower	Upper
55	100		
56	51.2	17.5	77.5
73	46.4	5.8	65.8
85	0.0	0.0	36.4

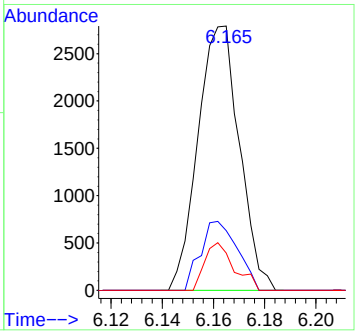


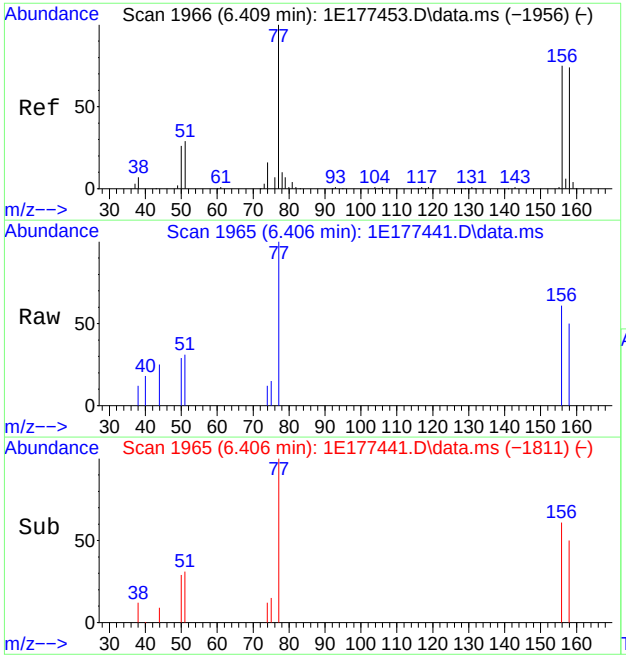


#93
isopropylbenzene
Concen: 0.46 ug/L
RT: 6.165 min Scan# 1890
Delta R.T. 0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:105 Resp: 3150

Ion	Ratio	Lower	Upper
105	100		
120	22.6	6.8	46.8
77	14.1	0.0	34.9

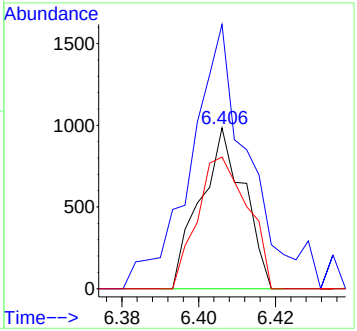


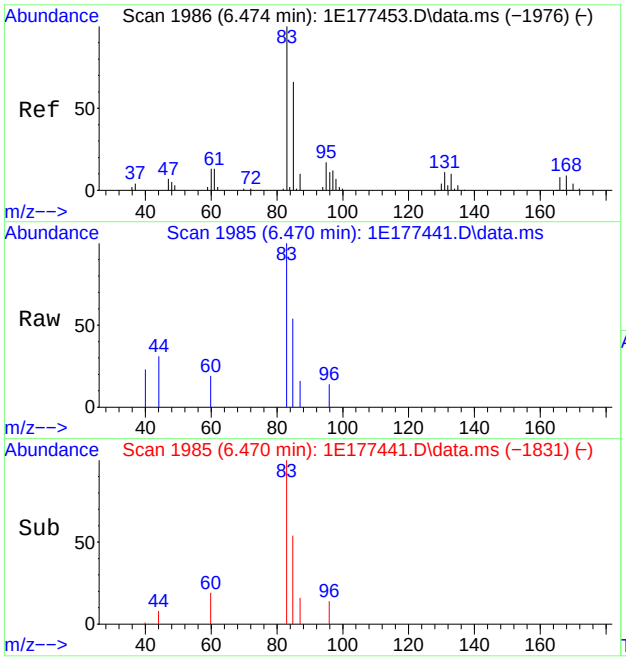


#97
bromobenzene
Concen: 0.44 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:156 Resp: 779

Ion	Ratio	Lower	Upper
156	100		
77	145.0	106.4	166.4
158	81.9	68.2	128.2

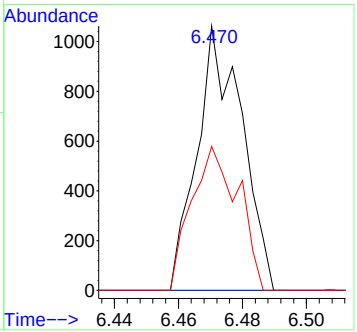


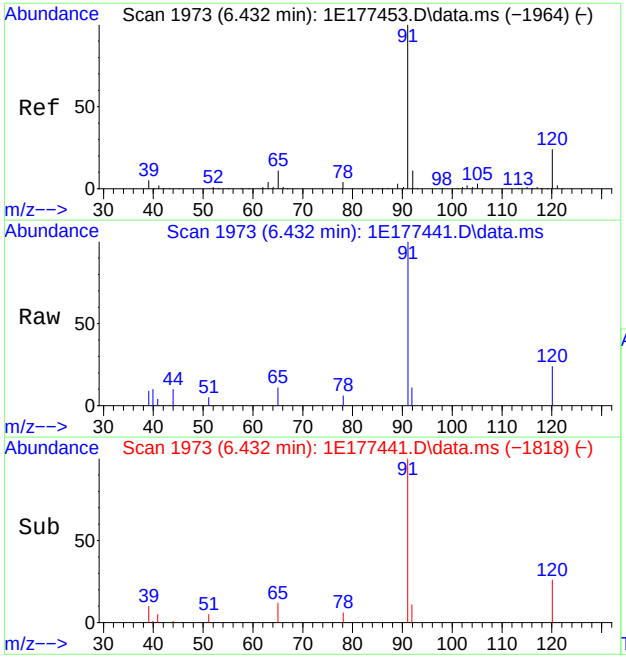


#98
1,1,2,2-tetrachloroethane
Concen: 0.48 ug/L
RT: 6.470 min Scan# 1985
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 83 Resp: 1037

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	41.0
85	54.4	36.4	96.4

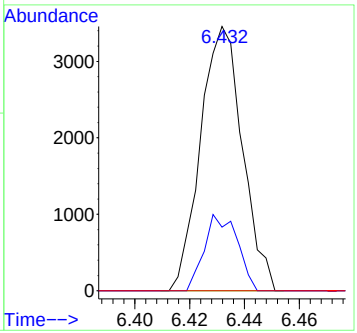


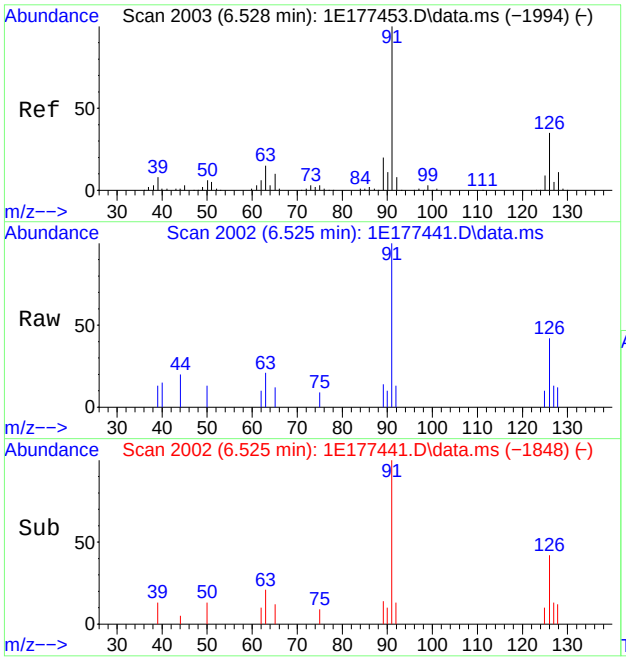


#101
n-propylbenzene
Concen: 0.43 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 91 Resp: 3673

Ion	Ratio	Lower	Upper
91	100		
120	24.1	0.0	53.6
105	0.0	0.0	33.5

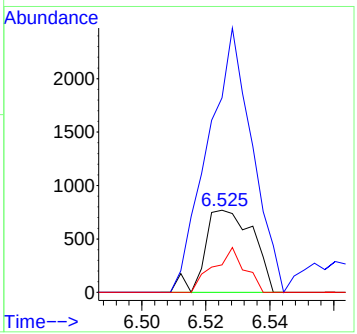


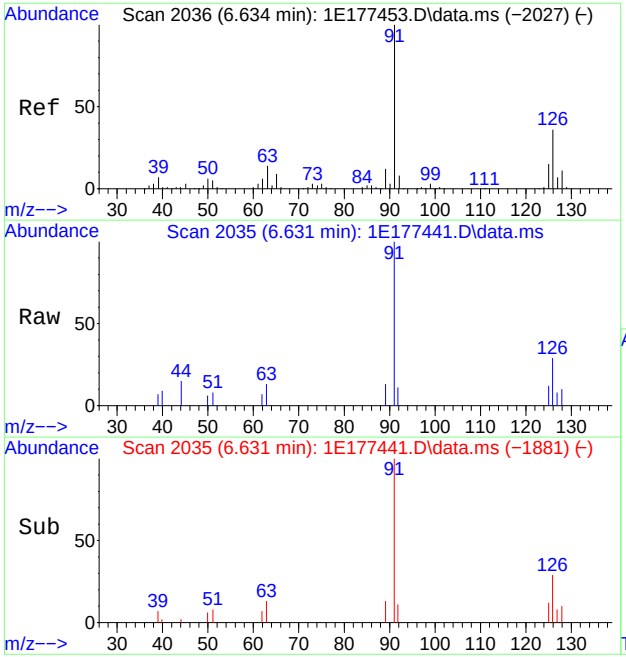


#102
2-chlorotoluene
Concen: 0.46 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:126 Resp: 808

Ion	Ratio	Lower	Upper
126	100		
91	237.1	257.7	317.7#
89	33.5	26.9	86.9

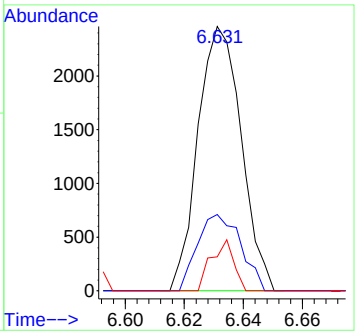


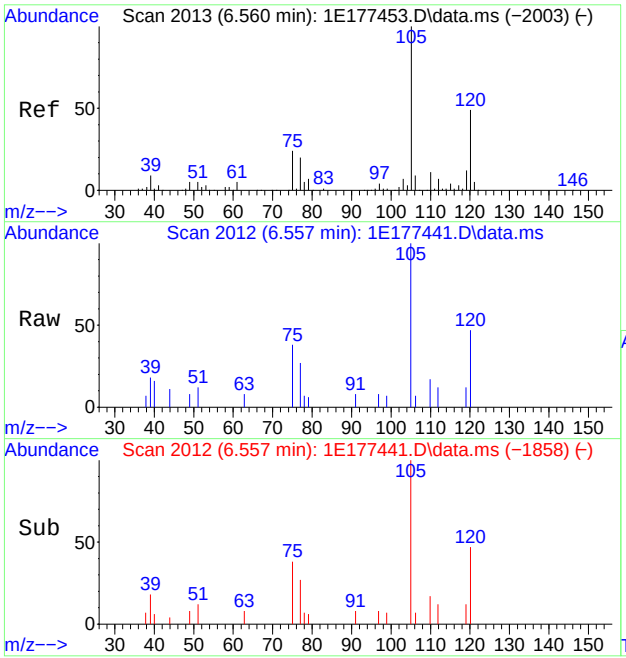


#103
4-chlorotoluene
Concen: 0.47 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion: 91 Resp: 2500

Ion	Ratio	Lower	Upper
91	100		
126	26.0	5.7	65.7
89	11.6	0.0	41.7

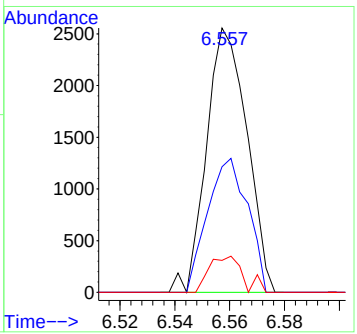


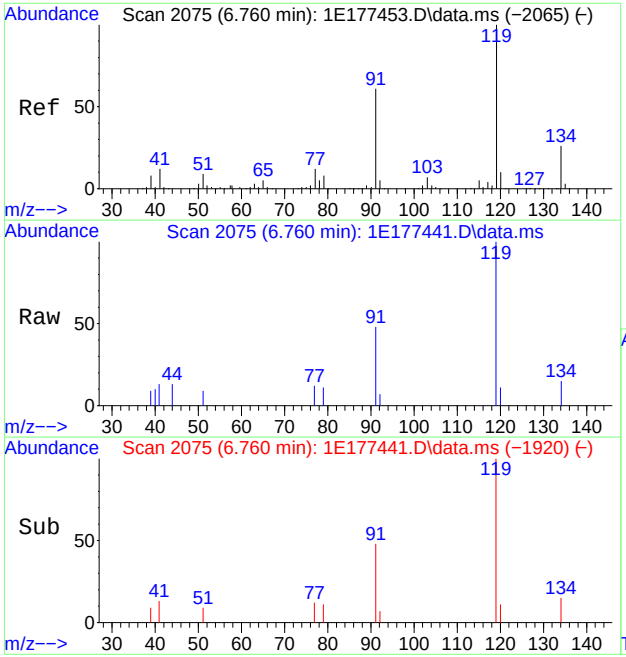


#104
1,3,5-trimethylbenzene
Concen: 0.42 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:105 Resp: 2619

Ion	Ratio	Lower	Upper
105	100		
120	47.4	18.8	78.8
119	12.1	0.0	42.5

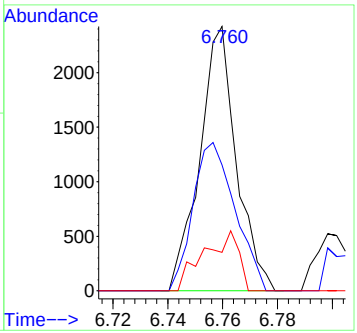


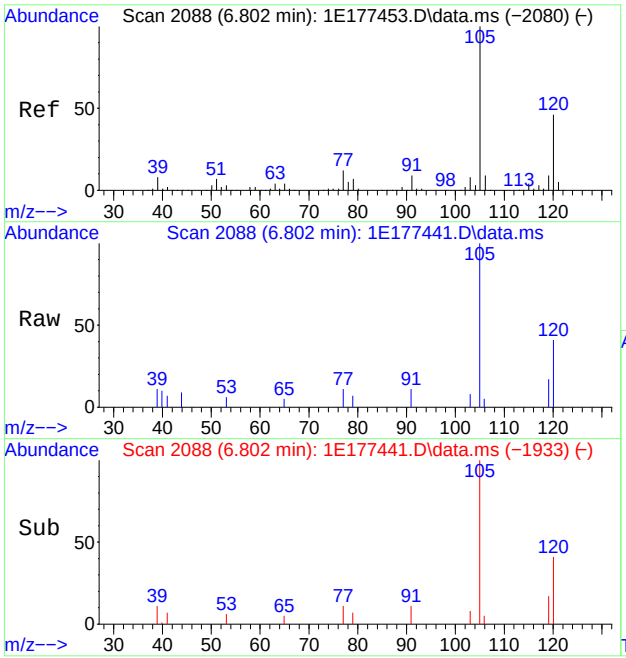


#105
tert-butylbenzene
Concen: 0.43 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:119 Resp: 2254

Ion	Ratio	Lower	Upper
119	100		
91	47.6	30.8	90.8
134	14.5	0.0	55.6

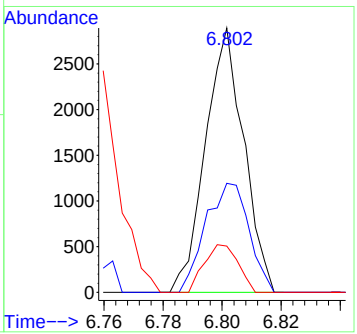


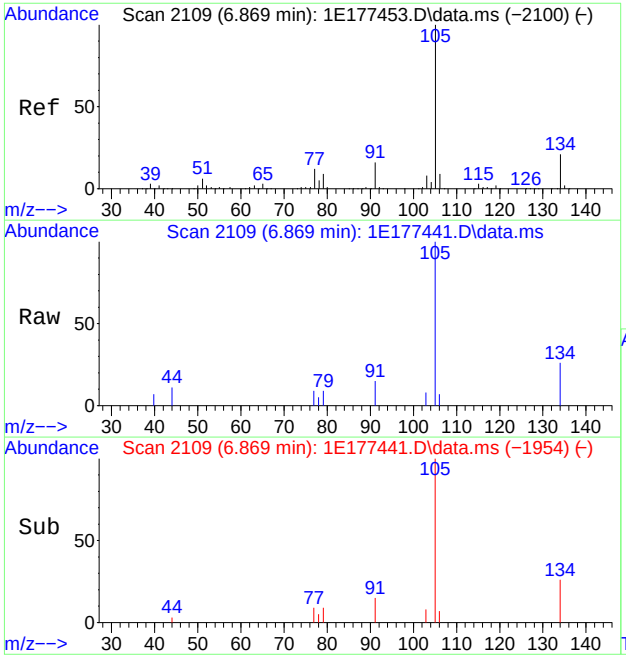


#106
1,2,4-trimethylbenzene
Concen: 0.44 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:105 Resp: 2604

Ion	Ratio	Lower	Upper
105	100		
120	41.3	16.7	76.7
119	17.5	0.0	42.3

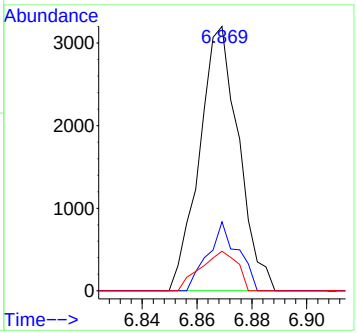


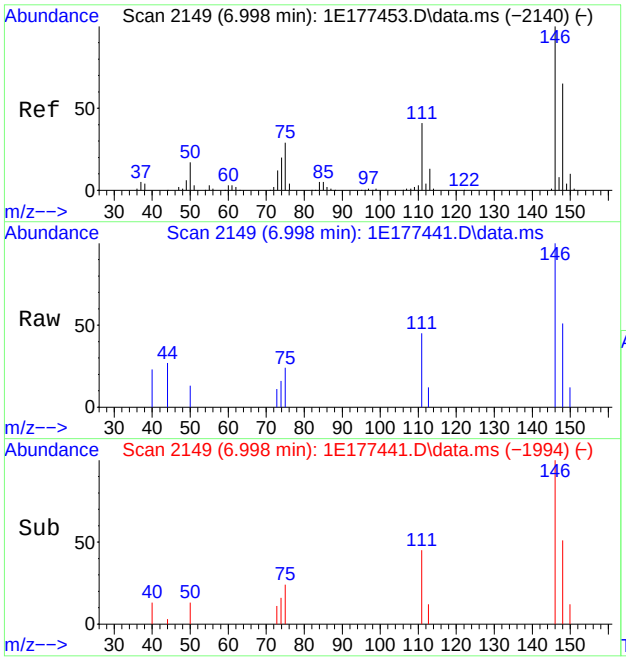


#107
sec-butylbenzene
Concen: 0.42 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:105 Resp: 3180

Ion	Ratio	Lower	Upper
105	100		
134	26.1	0.0	51.2
91	14.9	0.0	46.0

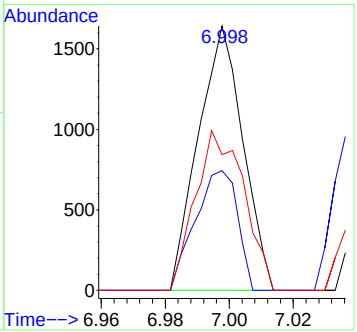


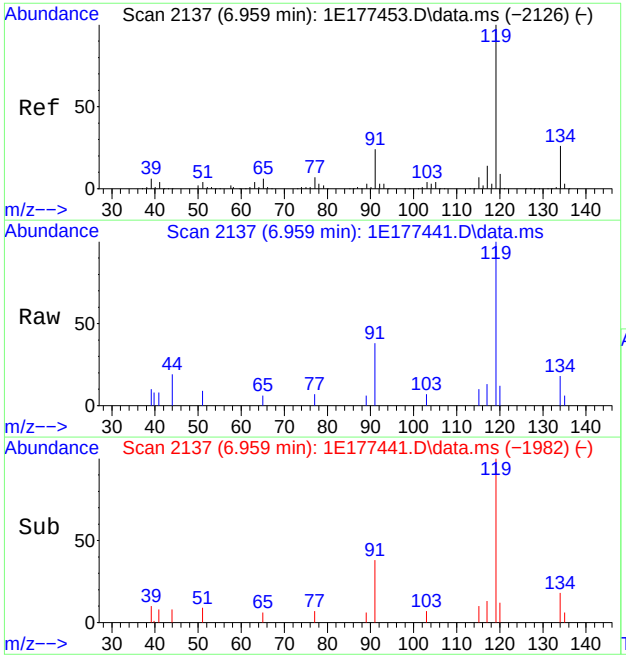


#108
1,3-dichlorobenzene
Concen: 0.48 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:146 Resp: 1592

Ion	Ratio	Lower	Upper
146	100		
111	45.3	11.3	71.3
148	51.3	34.9	94.9

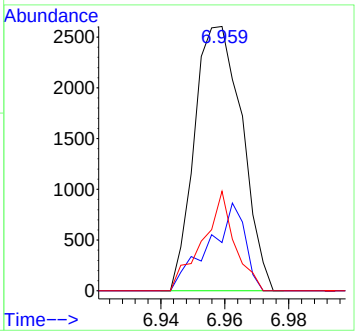


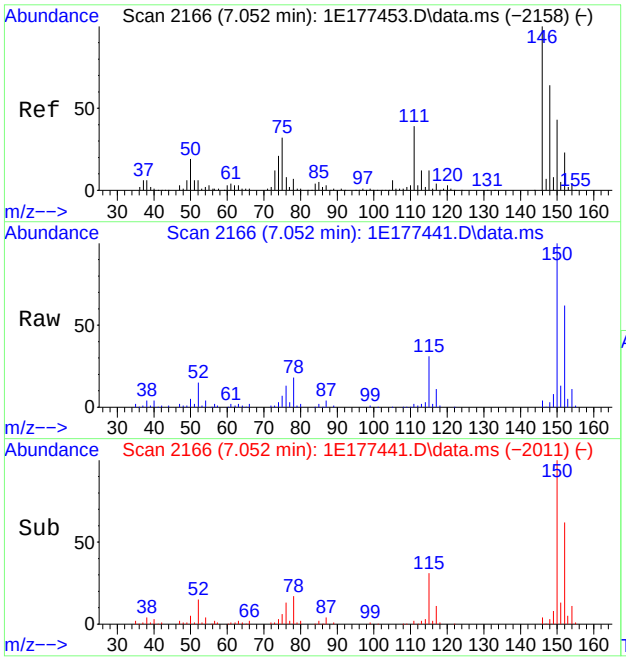


#109
p-isopropyltoluene
Concen: 0.47 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:119 Resp: 2687

Ion	Ratio	Lower	Upper
119	100		
134	18.3	0.0	56.2
91	37.6	0.0	53.6

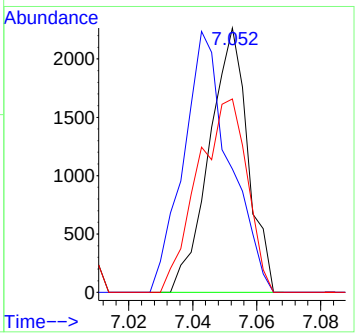


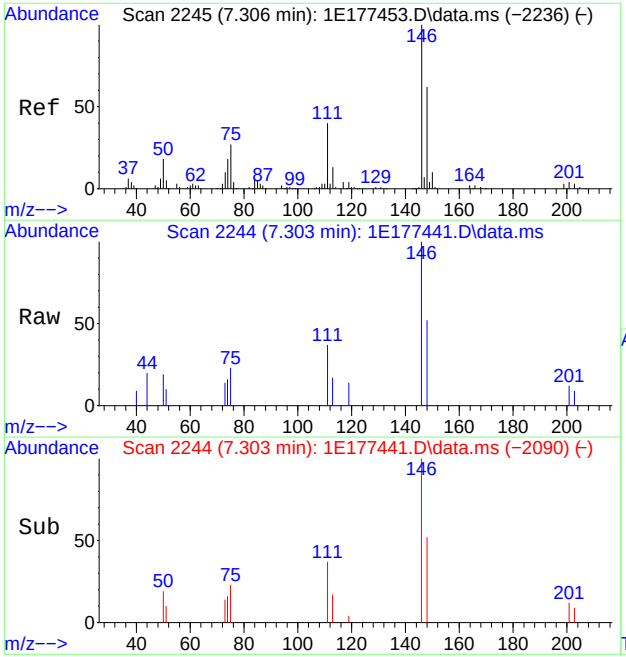


#110
1,4-dichlorobenzene
Concen: 0.51 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:146 Resp: 1908

Ion	Ratio	Lower	Upper
146	100		
111	46.7	9.4	69.4
148	73.1	34.4	94.4

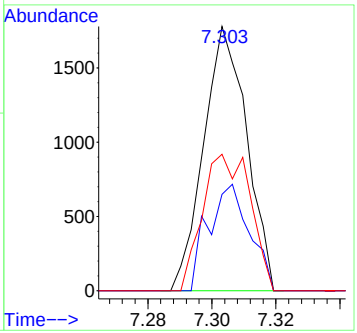


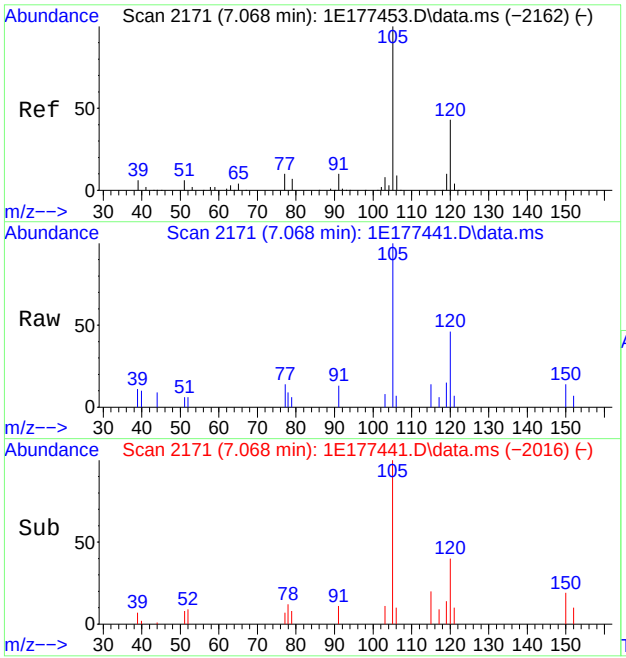


#111
1,2-dichlorobenzene
Concen: 0.49 ug/L
RT: 7.303 min Scan# 2244
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:146 Resp: 1663

Ion	Ratio	Lower	Upper
146	100		
111	36.5	10.1	70.1
148	51.7	31.9	91.9

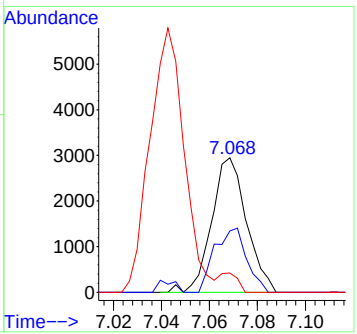


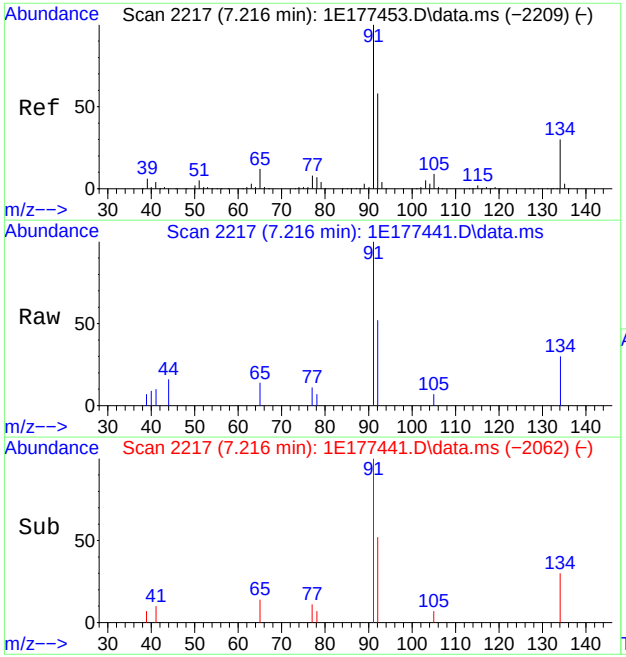


#112
1,2,3-trimethylbenzene
Concen: 0.51 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:105 Resp: 2967

Ion	Ratio	Lower	Upper
105	100		
120	45.6	13.3	73.3
77	14.4	0.0	41.9

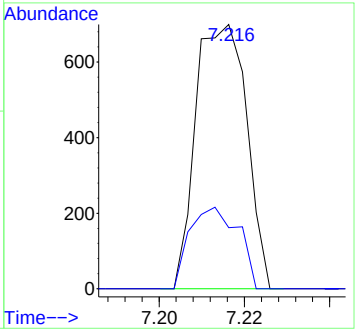


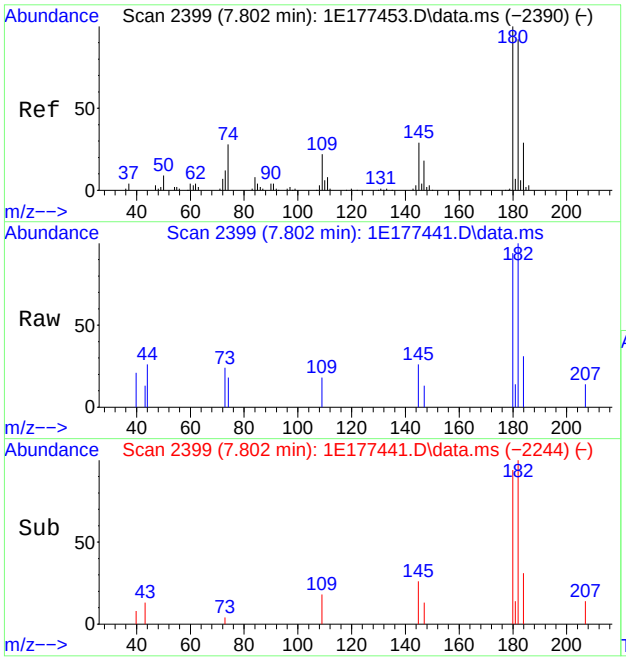


#113
n-butylbenzene
Concen: 0.37 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:134 Resp: 579

Ion	Ratio	Lower	Upper
134	100		
105	23.1	0.7	60.7

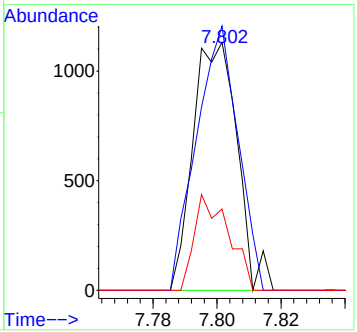


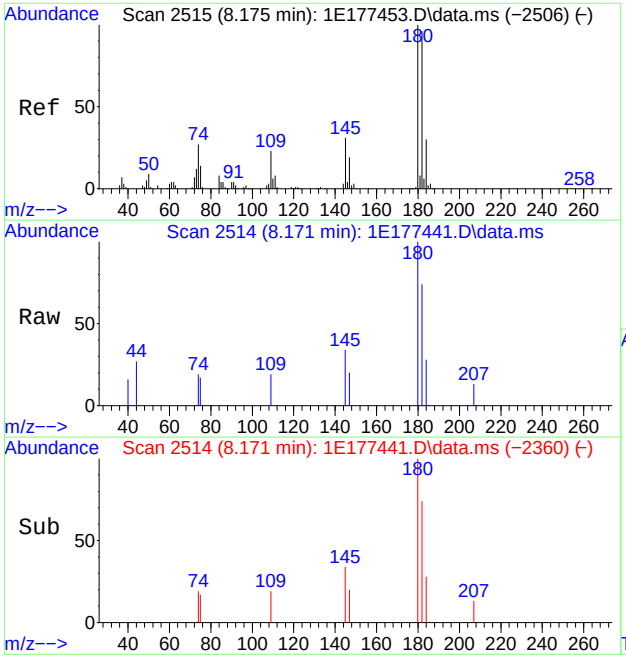


#115
1,3,5-trichlorobenzene
Concen: 0.46 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:180 Resp: 1084

Ion	Ratio	Lower	Upper
180	100		
182	106.6	71.6	111.6
184	32.8	9.2	49.2

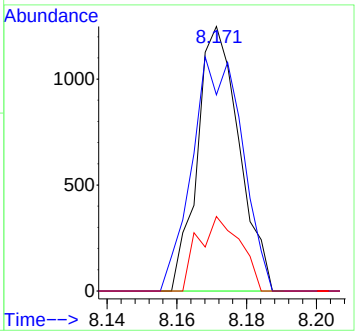


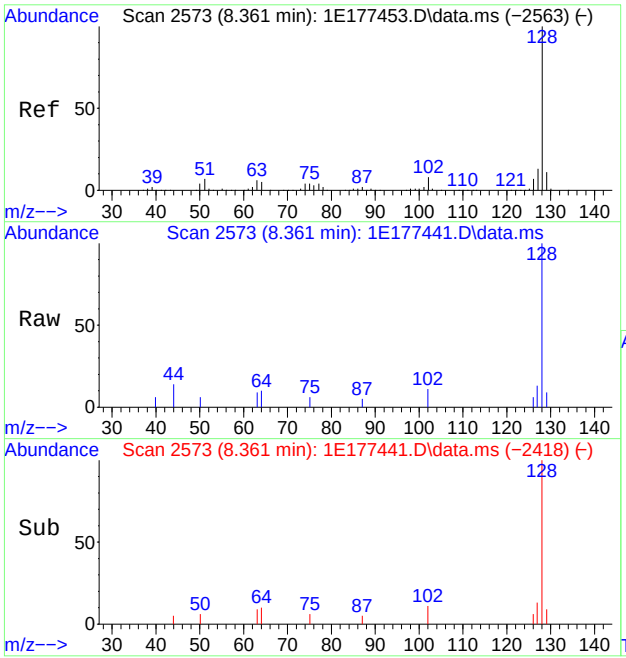


#116
1,2,4-trichlorobenzene
Concen: 0.45 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:180 Resp: 1041

Ion	Ratio	Lower	Upper
180	100		
182	74.1	65.8	125.8
184	28.2	0.0	59.9

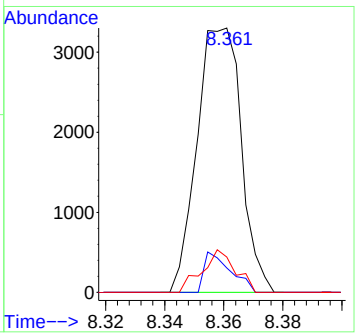


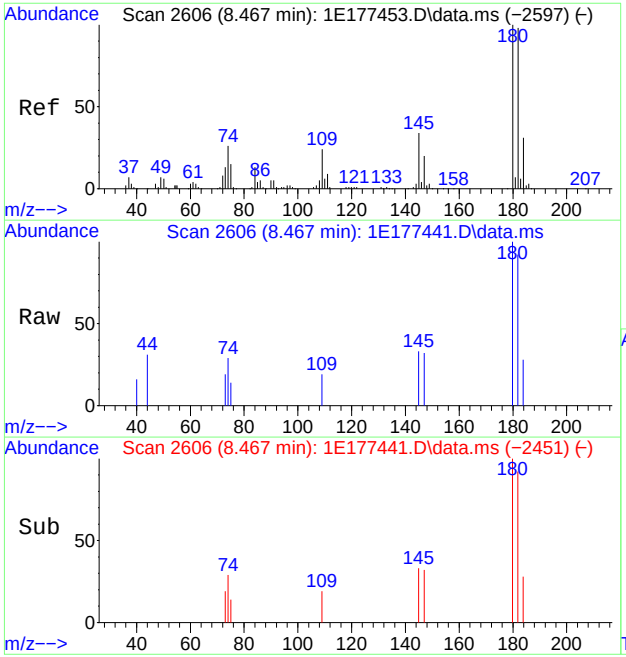


#118
naphthalene
Concen: 0.44 ug/L
RT: 8.361 min Scan# 2573
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:128 Resp: 3431

Ion	Ratio	Lower	Upper
128	100		
129	9.2	0.0	40.8
127	13.4	0.0	42.7

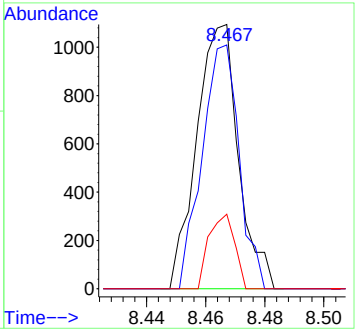


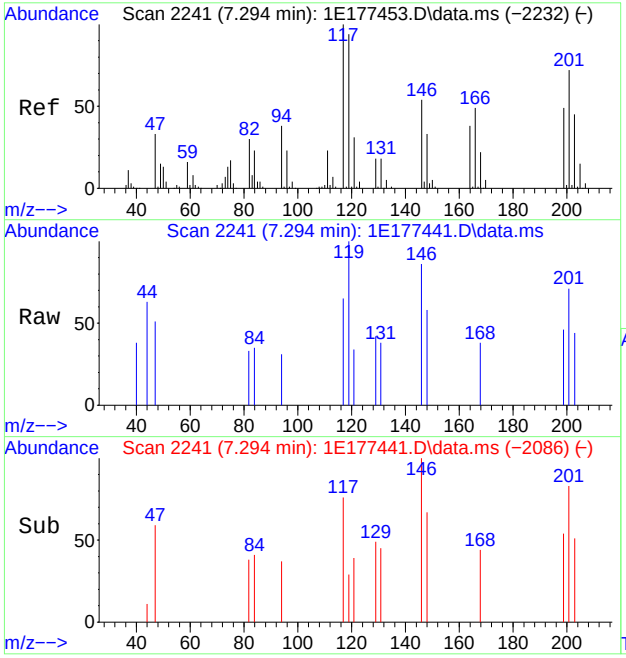


#119
1,2,3-trichlorobenzene
Concen: 0.56 ug/L
RT: 8.467 min Scan# 2606
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:180 Resp: 1076

Ion	Ratio	Lower	Upper
180	100		
182	92.2	67.6	127.6
184	28.2	1.0	61.0

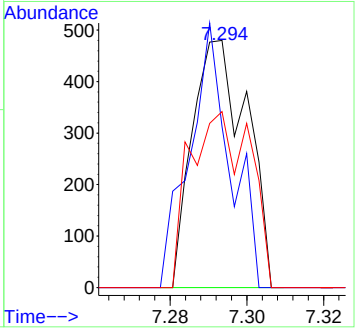


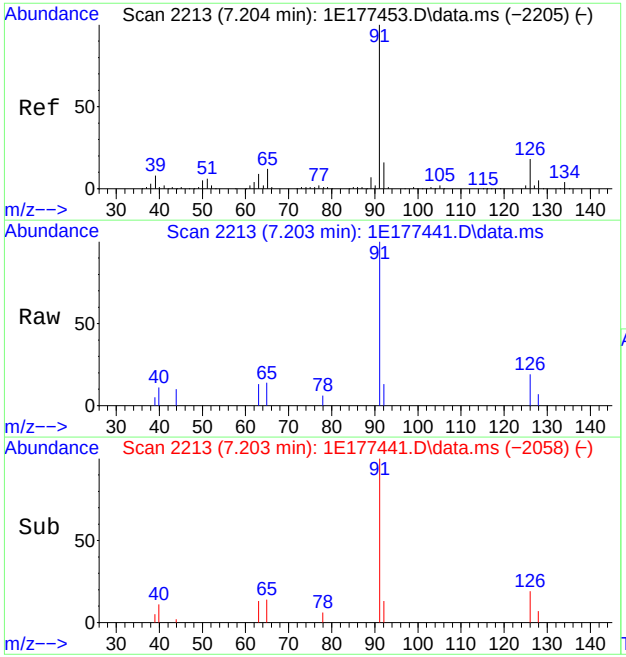


#120
hexachloroethane
Concen: 0.40 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:119 Resp: 474

Ion	Ratio	Lower	Upper
119	100		
117	65.2	75.9	135.9#
201	71.3	46.7	106.7

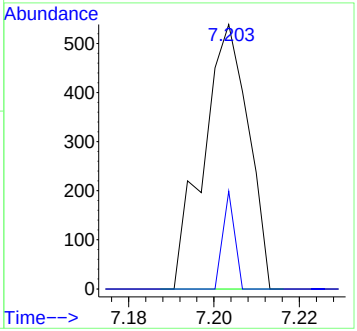


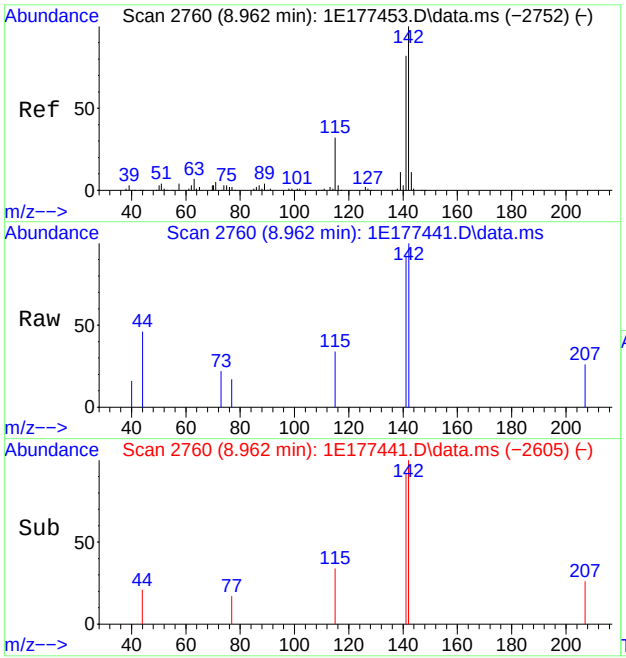


#121
benzyl chloride
Concen: 0.42 ug/L
RT: 7.203 min Scan# 2213
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:126 Resp: 394

Ion	Ratio	Lower	Upper
126	100		
128	36.9	0.9	60.9

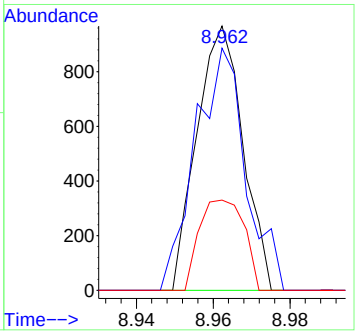




#122
2-methylnaphthalene
Concen: 0.25 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. -0.000 min
Lab File: 1E177441.D
Acq: 26 Oct 2023 04:46 pm

Tgt Ion:142 Resp: 808

Ion	Ratio	Lower	Upper
142	100		
141	91.5	52.4	112.4
115	34.2	2.0	62.0



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/30/23 21:10

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177443.D
Acq On : 26 Oct 2023 05:14 pm
Operator : louied
Sample : ic8736-1
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 17:21:52 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	86848	500.00	ug/L		0.00
5) pentafluorobenzene	3.088	168	111181	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.422	114	236405	50.00	ug/L		0.00
72) chlorobenzene-d5	5.519	117	214912	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	120103	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.837	113	77083	50.39	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.78%				
51) 1,2-dichloroethane-d4 (s)	3.142	65	80219	50.39	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.78%				
73) toluene-d8 (s)	4.358	98	269285	50.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.52%				
96) 4-bromofluorobenzene (s)	6.342	95	104218	48.93	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.86%				
Target Compounds							Qvalue
2) ethanol	1.647	45	2025	173.95	ug/L		95
3) tertiary butyl alcohol	2.104	59	1287	4.63	ug/L		90
6) chlorodifluoromethane	1.091	51	1607	1.06	ug/L		63
8) chloromethane	1.171	50	1226	1.09	ug/L		79
9) vinyl chloride	1.184	62	884	0.61	ug/L		90
10) 1,3-butadiene	1.191	39	1343	1.12	ug/L		81
12) chloroethane	1.400	64	726	0.82	ug/L		86
13) trichlorofluoromethane	1.464	101	1949	0.95	ug/L		82
14) ethyl ether	1.599	74	623	0.82	ug/L	#	67
16) freon 113	1.712	151	954	1.04	ug/L	#	80
17) 1,1-dichloroethene	1.699	61	1818	1.07	ug/L		87
18) acetone	1.975	58	1594	5.19	ug/L	#	80
21) carbon disulfide	1.731	76	3149	0.98	ug/L		84
22) methylene chloride	1.962	84	1422	1.09	ug/L		79
23) methyl acetate	2.033	74	309	0.95	ug/L	#	46
24) methyl tert butyl ether	2.081	73	4238	1.07	ug/L		93
25) trans-1,2-dichloroethene	2.040	61	1648	1.03	ug/L		88
26) hexane	2.072	57	2948	1.00	ug/L		95
27) di-isopropyl ether	2.255	45	4155	1.01	ug/L		88
28) ethyl tert-butyl ether	2.438	59	4383	1.02	ug/L		91
29) 2-butanone	2.895	72	1304	3.55	ug/L	#	84
30) 1,1-dichloroethane	2.332	63	2184	0.89	ug/L		93
31) chloroprene	2.319	53	2103	1.00	ug/L		86
32) acrylonitrile	2.355	52	508	0.85	ug/L	#	56
33) vinyl acetate	2.435	86	220	0.77	ug/L	#	1
35) 2,2-dichloropropane	2.663	77	1997	0.96	ug/L		90
36) cis-1,2-dichloroethene	2.602	96	1405	0.97	ug/L		90
37) propionitrile	3.068	54	3248	11.07	ug/L		90
39) bromochloromethane	2.715	128	820	1.14	ug/L	#	61
40) tetrahydrofuran	2.827	71	242	0.85	ug/L	#	18
41) chloroform	2.734	47	870	1.29	ug/L		84
44) 1,1,1-trichloroethane	2.863	97	2238	1.00	ug/L		79
45) cyclohexane	2.718	84	1690	0.88	ug/L	#	75
46) 1,1-dichloropropene	2.927	75	1708	0.94	ug/L		93
47) carbon tetrachloride	2.827	117	2252	1.02	ug/L	#	75
49) tert-amyl alcohol	3.229	55	508	5.73	ug/L	#	19
52) iso-octane	2.978	57	4253	1.00	ug/L		96
53) benzene	3.065	78	5507	1.09	ug/L		92
54) tert-amyl methyl ether	3.120	73	4423	1.05	ug/L		96
55) heptane	3.033	57	742	0.82	ug/L	#	71

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177443.D
Acq On : 26 Oct 2023 05:14 pm
Operator : louied
Sample : ic8736-1
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 17:21:52 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) isopropyl acetate	3.306	87	415	0.82	ug/L	#	41
57) 1,2-dichloroethane	3.181	62	2039	0.90	ug/L		89
58) n-butyl alcohol	3.589	56	2781	55.95	ug/L	#	74
59) ethyl acrylate	3.740	55	2428	0.94	ug/L		94
60) trichloroethene	3.413	130	1500	0.92	ug/L		88
62) 2-chloroethyl vinyl ether	4.168	63	3359	3.41	ug/L		89
63) methyl methacrylate	3.879	100	456	0.79	ug/L	#	34
64) 1,2-dichloropropane	3.744	63	1314	0.97	ug/L		95
65) methylcyclohexane	3.416	98	1117	0.91	ug/L	#	13
66) dibromomethane	3.679	93	1057	1.01	ug/L		92
67) bromodichloromethane	3.782	83	2081	1.07	ug/L		93
68) epichlorohydrin	4.400	57	1167	4.78	ug/L		87
69) cis-1,3-dichloropropene	4.220	75	2148	0.88	ug/L		93
70) 4-methyl-2-pentanone	4.679	58	3041	3.80	ug/L		87
71) 3-methyl-1-butanol	4.509	70	1145	19.29	ug/L		94
74) toluene	4.400	92	3371	0.99	ug/L		98
75) ethyl methacrylate	4.837	69	2064	0.99	ug/L		91
76) trans-1,3-dichloropropene	4.708	75	2323	1.08	ug/L		97
77) 1,1,2-trichloroethane	4.840	83	1328	1.09	ug/L	#	67
78) tetrachloroethene	4.692	166	1714	1.06	ug/L		99
79) 2-hexanone	5.316	58	3798	3.86	ug/L		98
80) 1,3-dichloropropane	5.046	76	2486	1.10	ug/L		96
81) butyl acetate	5.252	56	1208	1.02	ug/L	#	71
82) dibromochloromethane	4.972	129	1856	1.03	ug/L		94
83) 1,2-dibromoethane	5.149	107	1542	0.99	ug/L		93
84) n-butyl ether	5.477	57	5319	0.94	ug/L		97
85) chlorobenzene	5.531	112	3999	0.99	ug/L		96
86) 1,1,1,2-tetrachloroethane	5.580	131	1510	0.99	ug/L		88
87) ethylbenzene	5.551	91	6808	1.04	ug/L		96
88) m,p-xylene	5.657	106	5144	2.03	ug/L		94
89) o-xylene	5.949	106	2522	0.98	ug/L		98
90) styrene	5.982	104	4204	0.94	ug/L		84
91) bromoform	5.998	173	1210	0.92	ug/L		94
92) butyl acrylate	6.078	55	2949	0.91	ug/L		91
93) isopropylbenzene	6.158	105	5728	0.88	ug/L		93
94) cis-1,4-dichloro-2-butene	6.384	88	789	0.82	ug/L		98
97) bromobenzene	6.406	156	1724	1.00	ug/L		92
98) 1,1,2,2-tetrachloroethane	6.474	83	2116	0.99	ug/L		88
100) 1,2,3-trichloropropane	6.560	110	721	0.88	ug/L		92
101) n-propylbenzene	6.432	91	7326	0.92	ug/L		99
102) 2-chlorotoluene	6.528	126	1610m	0.95	ug/L		
103) 4-chlorotoluene	6.631	91	4693	0.90	ug/L		99
104) 1,3,5-trimethylbenzene	6.557	105	5395	0.94	ug/L		98
105) tert-butylbenzene	6.760	119	4570	0.93	ug/L		95
106) 1,2,4-trimethylbenzene	6.802	105	5493	0.96	ug/L		95
107) sec-butylbenzene	6.866	105	6301	0.90	ug/L		98
108) 1,3-dichlorobenzene	6.998	146	3316	1.01	ug/L		89
109) p-isopropyltoluene	6.959	119	5256	0.93	ug/L		88
110) 1,4-dichlorobenzene	7.052	146	3646	0.96	ug/L		93
111) 1,2-dichlorobenzene	7.306	146	3477	1.03	ug/L		99
112) 1,2,3-trimethylbenzene	7.068	105	5838	0.99	ug/L		91
113) n-butylbenzene	7.216	134	1305	0.95	ug/L		87
114) 1,2-dibromo-3-chloropr...	7.776	157	690	0.91	ug/L		73
115) 1,3,5-trichlorobenzene	7.801	180	2272	0.99	ug/L		93
116) 1,2,4-trichlorobenzene	8.171	180	2193	0.99	ug/L		97
117) hexachlorobutadiene	8.158	225	606	0.70	ug/L		87
118) naphthalene	8.361	128	6624	0.88	ug/L		99
119) 1,2,3-trichlorobenzene	8.467	180	2279	1.13	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177443.D
Acq On : 26 Oct 2023 05:14 pm
Operator : louied
Sample : ic8736-1
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 17:21:52 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

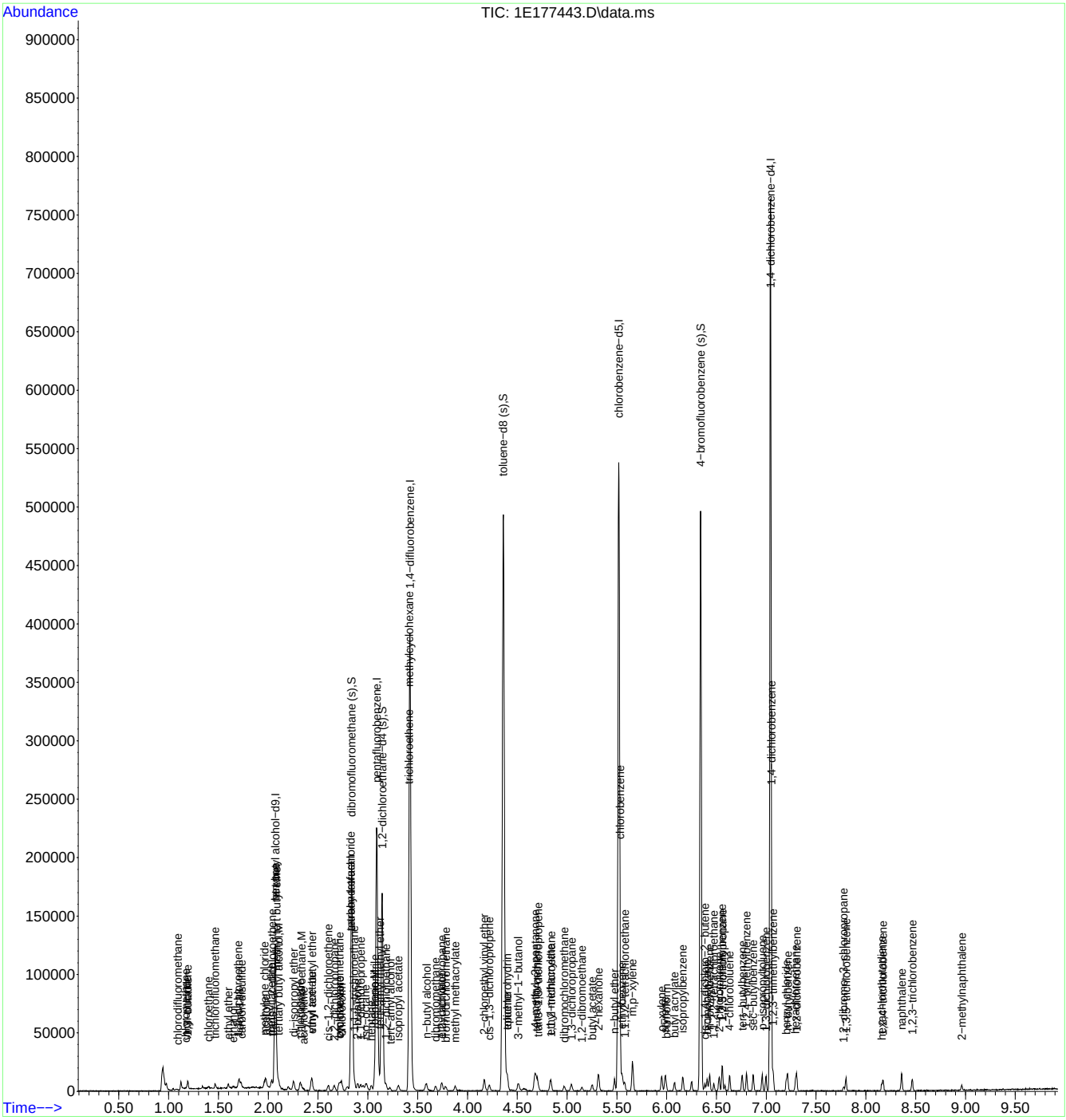
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
120) hexachloroethane	7.293	119	1003	0.94	ug/L	97
121) benzyl chloride	7.200	126	891	1.02	ug/L	97
122) 2-methylnaphthalene	8.962	142	1434	0.44	ug/L	93

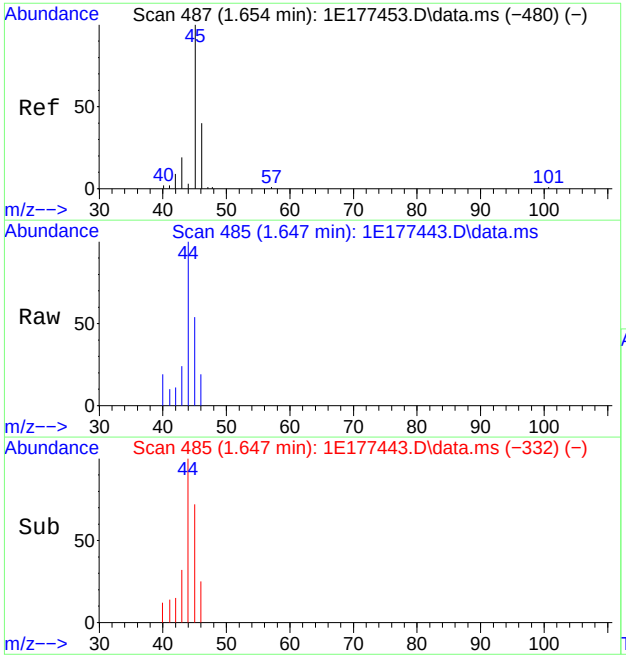
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177443.D
Acq On : 26 Oct 2023 05:14 pm
Operator : louied
Sample : ic8736-1
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 17:21:52 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

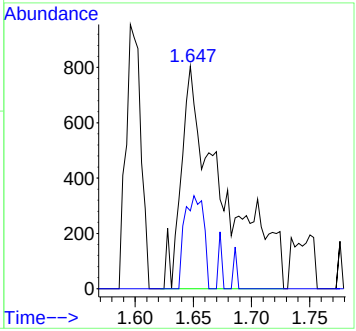


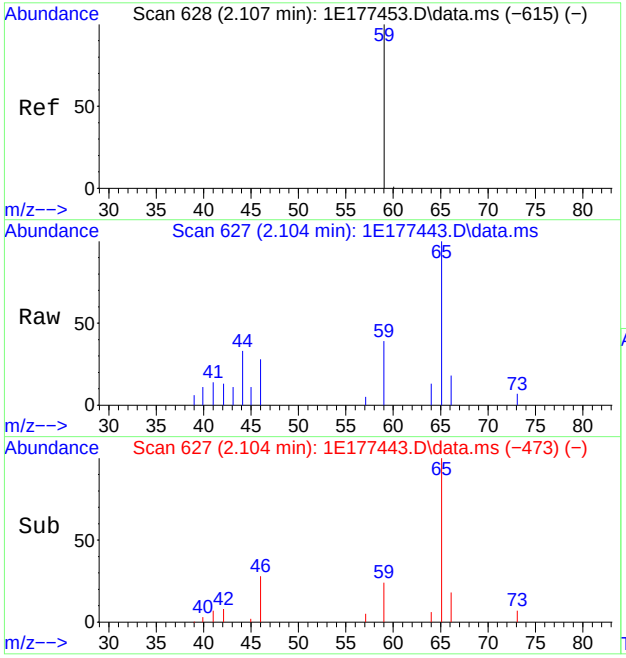


#2
ethanol
Concen: 173.95 ug/L
RT: 1.647 min Scan# 485
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 45 Resp: 2025

Ion	Ratio	Lower	Upper
45	100		
46	35.0	18.1	58.1

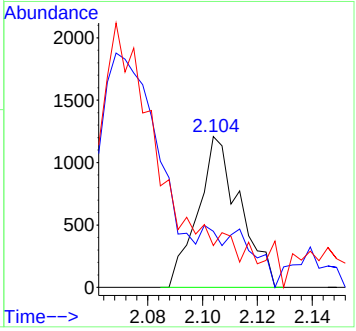


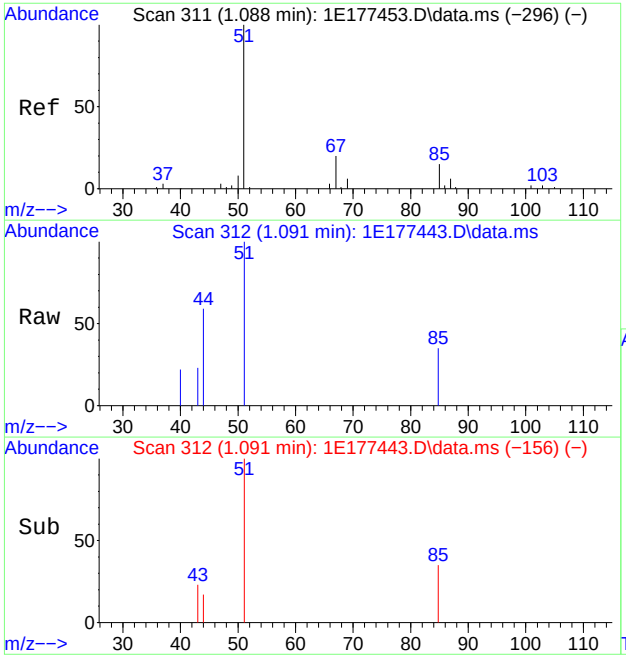


#3
tertiary butyl alcohol
Concen: 4.63 ug/L
RT: 2.104 min Scan# 627
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 59 Resp: 1287

Ion	Ratio	Lower	Upper
59	100		
41	23.5	0.0	30.0
43	27.7	0.0	52.8

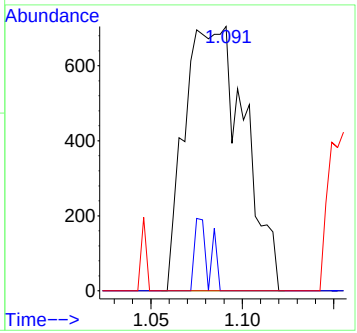


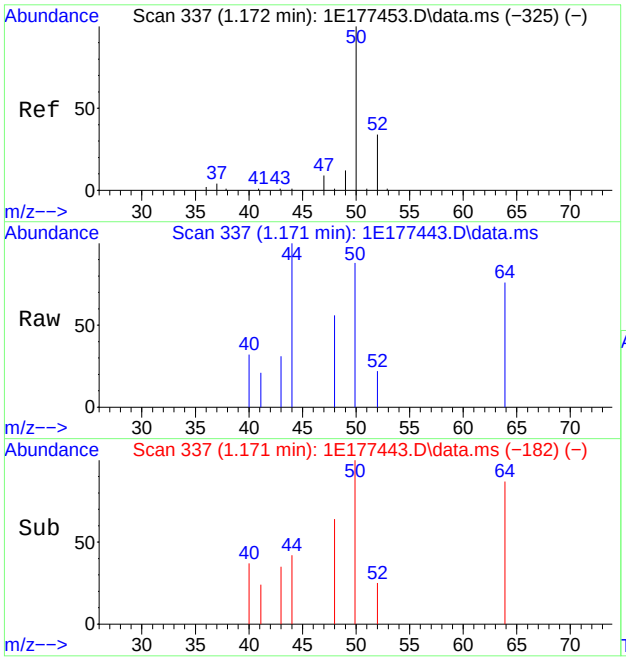


#6
chlorodifluoromethane
Concen: 1.06 ug/L
RT: 1.091 min Scan# 312
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 51 Resp: 1607

Ion	Ratio	Lower	Upper
51	100		
67	0.0	0.0	49.5
50	0.0	0.0	38.4

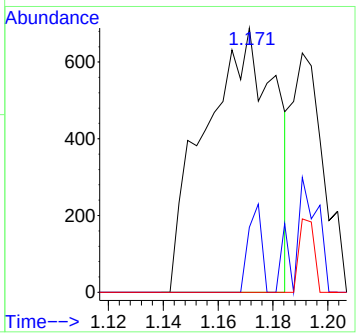


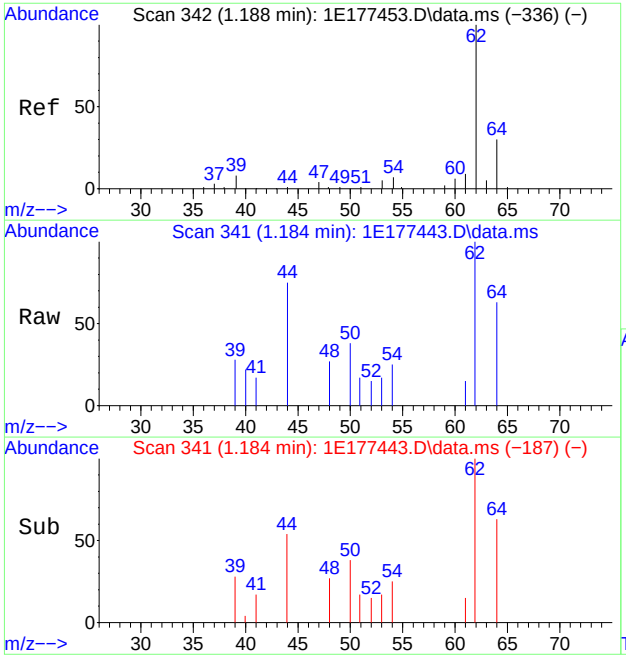


#8
chloromethane
Concen: 1.09 ug/L
RT: 1.171 min Scan# 337
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 50 Resp: 1226

Ion	Ratio	Lower	Upper
50	100		
52	24.5	4.4	64.4
49	0.0	0.0	42.1

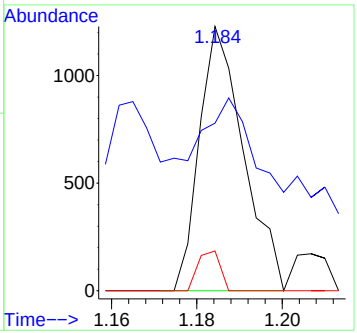


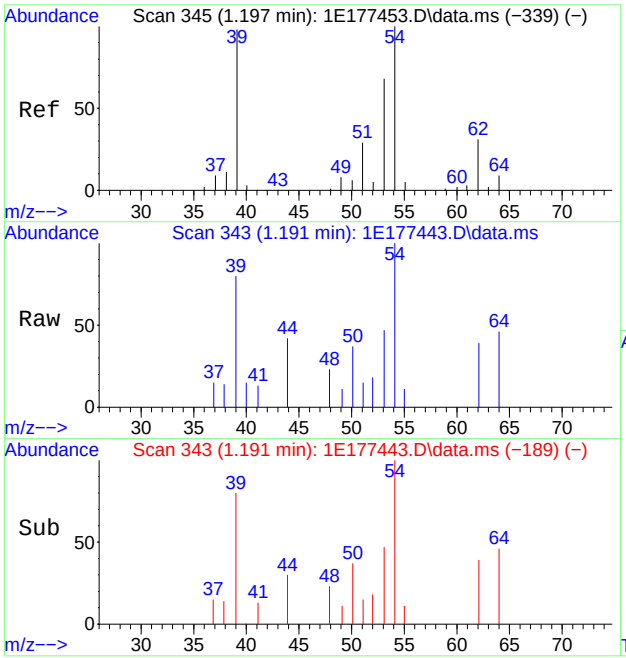


#9
vinyl chloride
Concen: 0.61 ug/L
RT: 1.184 min Scan# 341
Delta R.T. -0.004 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 62 Resp: 884

Ion	Ratio	Lower	Upper
62	100		
64	26.1	0.7	60.7
61	15.1	0.0	39.5

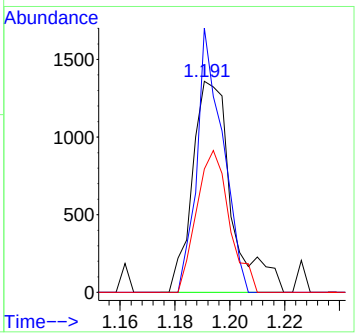


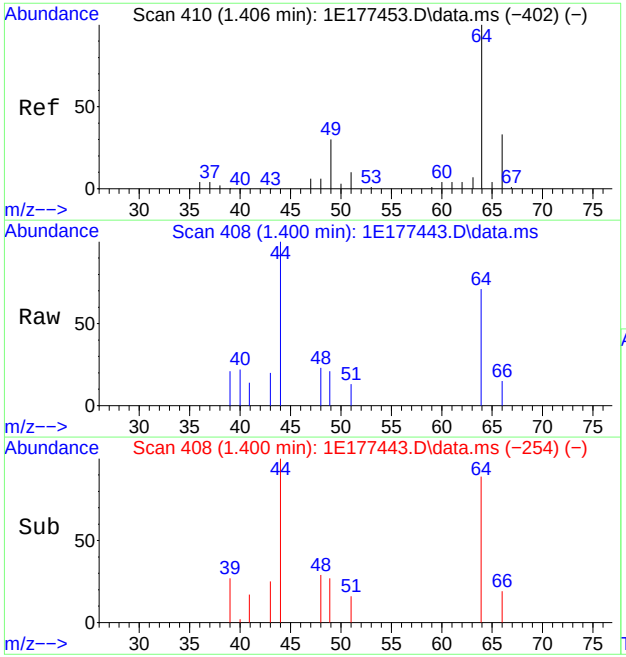


#10
1,3-butadiene
Concen: 1.12 ug/L
RT: 1.191 min Scan# 343
Delta R.T. -0.006 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 39 Resp: 1343

Ion	Ratio	Lower	Upper
39	100		
54	125.3	72.3	132.3
53	58.4	39.8	99.8

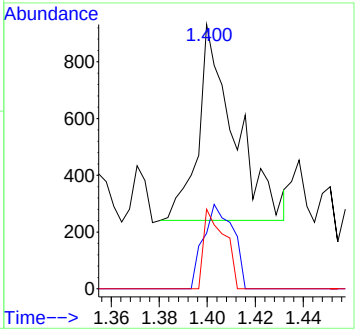


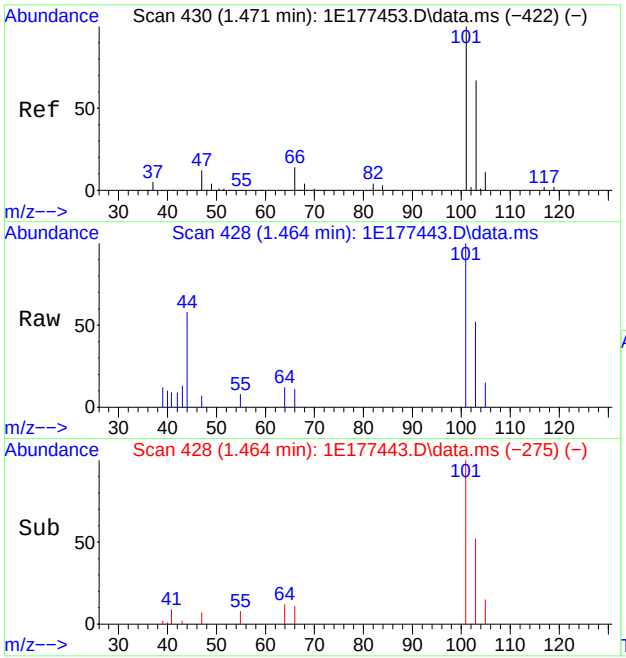


#12
chloroethane
Concen: 0.82 ug/L
RT: 1.400 min Scan# 408
Delta R.T. -0.006 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 64 Resp: 726

Ion	Ratio	Lower	Upper
64	100		
66	28.4	3.1	63.1
49	40.7	0.1	60.1

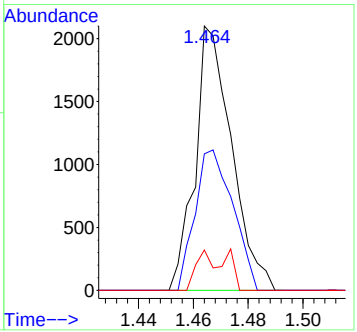


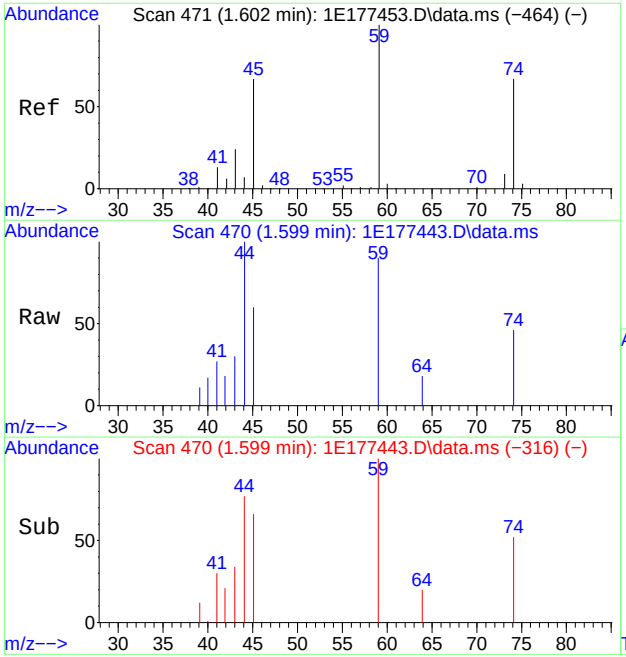


#13
trichlorofluoromethane
Concen: 0.95 ug/L
RT: 1.464 min Scan# 428
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:101 Resp: 1949

Ion	Ratio	Lower	Upper
101	100		
103	51.6	37.1	97.1
105	15.3	0.0	40.8

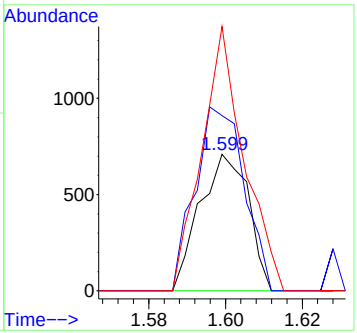


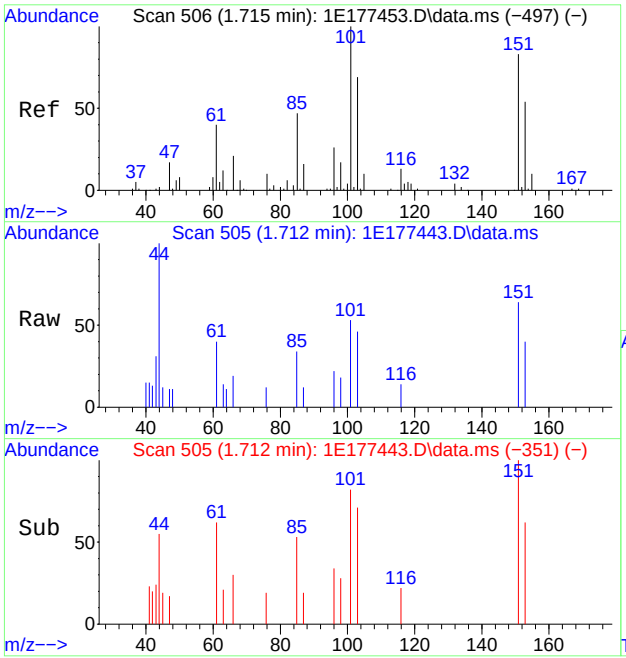


#14
ethyl ether
Concen: 0.82 ug/L
RT: 1.599 min Scan# 470
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 74 Resp: 623

Ion	Ratio	Lower	Upper
74	100		
45	128.3	69.1	129.1
59	193.8	118.9	178.9#

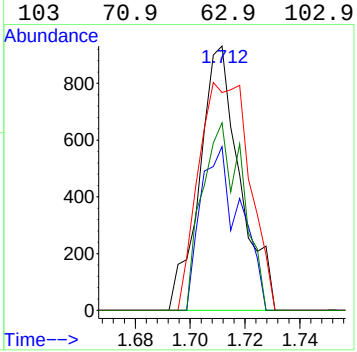


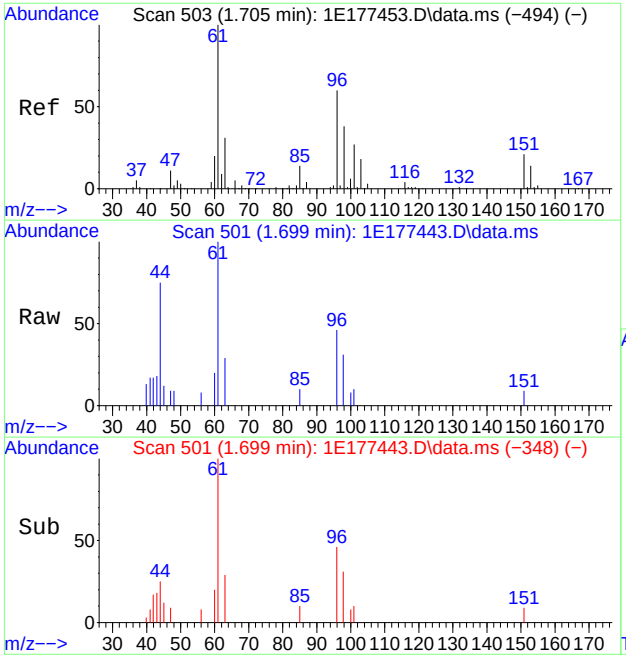


#16
freon 113
Concen: 1.04 ug/L
RT: 1.712 min Scan# 505
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:151 Resp: 954

Ion	Ratio	Lower	Upper
151	100		
153	61.9	44.6	84.6
101	82.4	100.2	140.2#
103	70.9	62.9	102.9

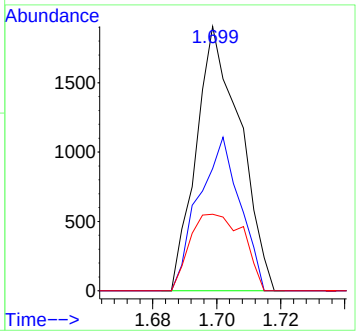


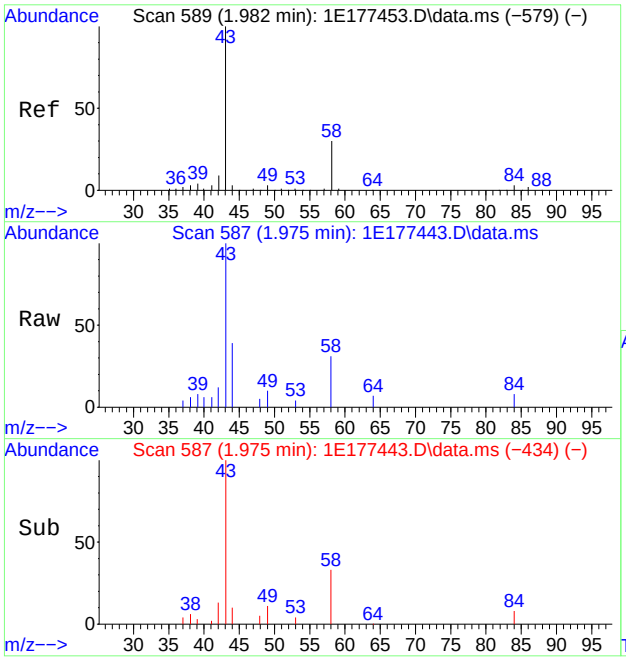


#17
1,1-dichloroethene
Concen: 1.07 ug/L
RT: 1.699 min Scan# 501
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 61 Resp: 1818

Ion	Ratio	Lower	Upper
61	100		
96	46.3	29.6	89.6
63	29.0	1.2	61.2

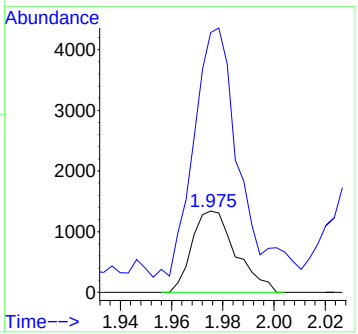


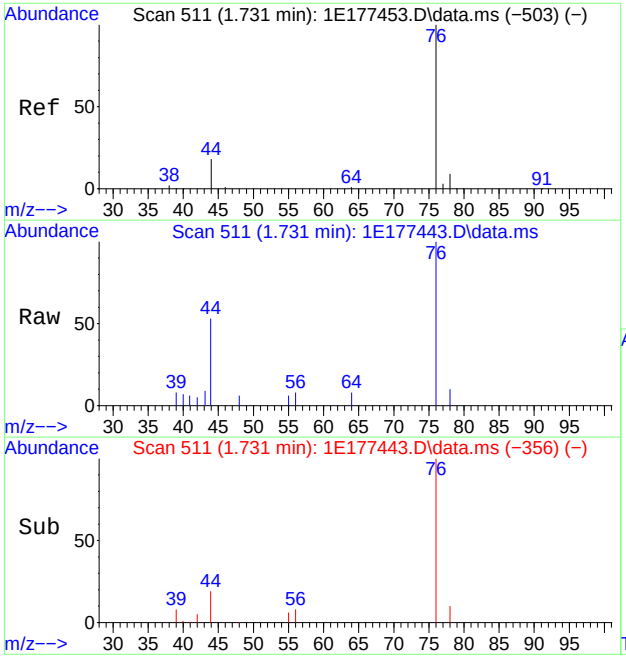


#18
acetone
Concen: 5.19 ug/L
RT: 1.975 min Scan# 587
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 58 Resp: 1594

Ion	Ratio	Lower	Upper
58	100		
43	291.2	304.0	364.0#

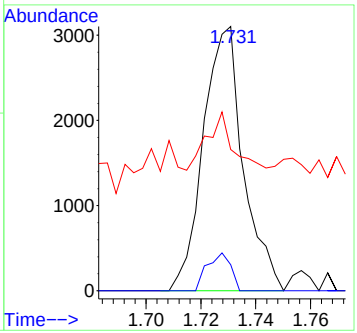


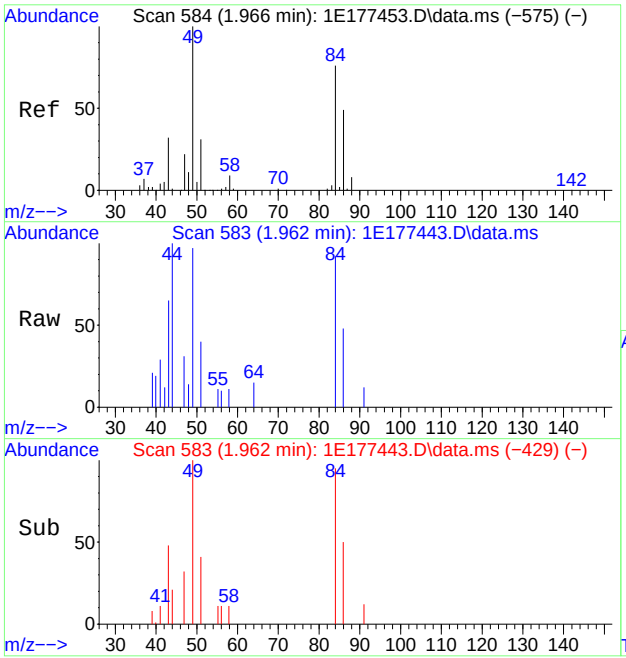


#21
carbon disulfide
Concen: 0.98 ug/L
RT: 1.731 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 76 Resp: 3149

Ion	Ratio	Lower	Upper
76	100		
78	9.9	0.0	39.2
44	8.2	0.0	48.3

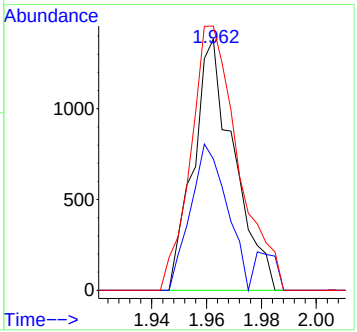


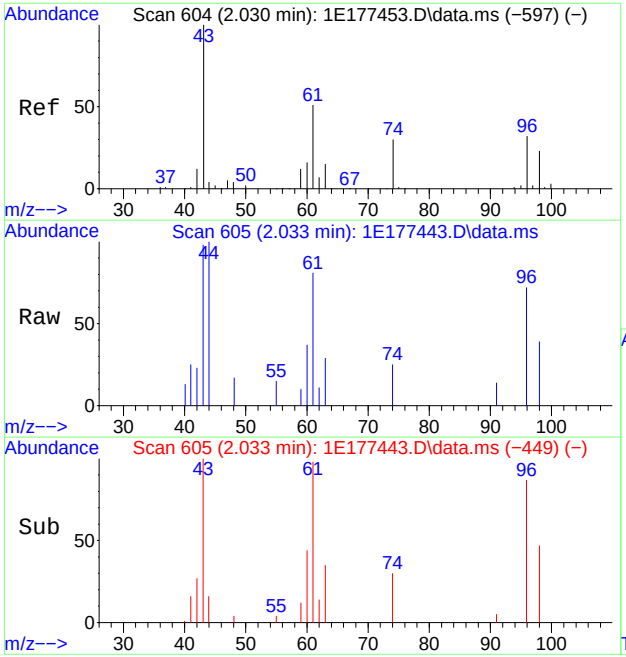


#22
methylene chloride
Concen: 1.09 ug/L
RT: 1.962 min Scan# 583
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 84 Resp: 1422

Ion	Ratio	Lower	Upper
84	100		
86	52.3	34.9	94.9
49	105.3	102.4	162.4

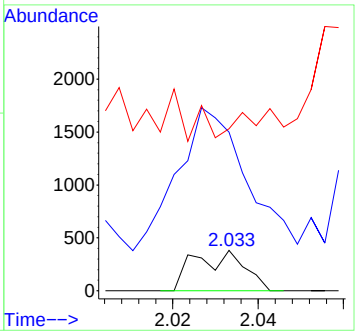


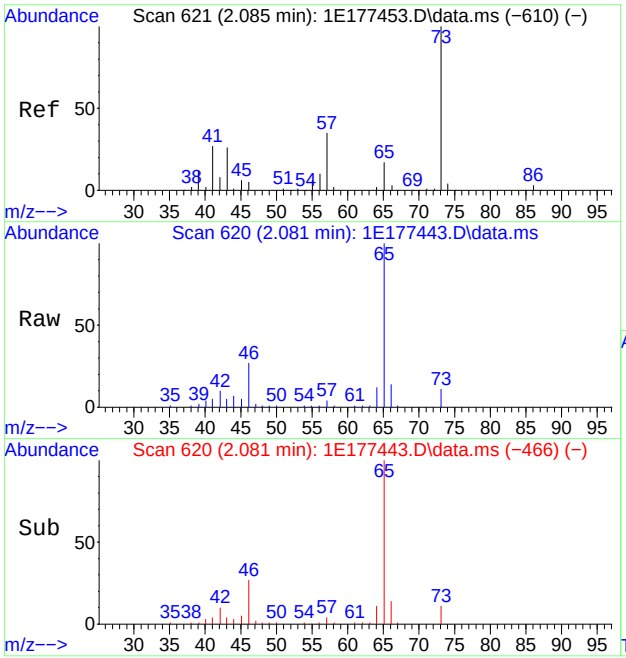


#23
methyl acetate
Concen: 0.95 ug/L
RT: 2.033 min Scan# 605
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 74 Resp: 309

Ion	Ratio	Lower	Upper
74	100		
43	218.6	307.5	367.5#
44	8.4	0.0	43.7

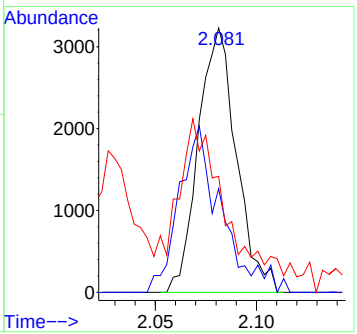


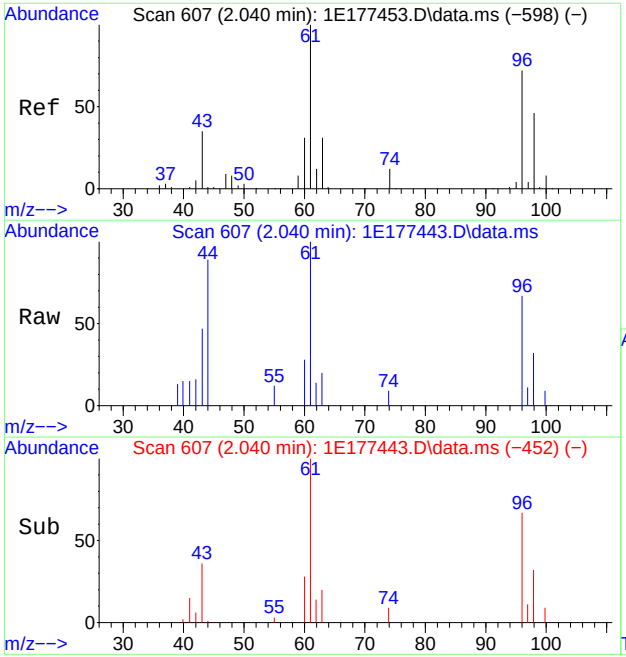


#24
methyl tert butyl ether
Concen: 1.07 ug/L
RT: 2.081 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 73 Resp: 4238

Ion	Ratio	Lower	Upper
73	100		
57	34.0	5.0	65.0
43	37.6	0.4	60.4

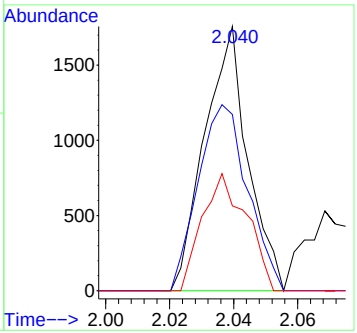


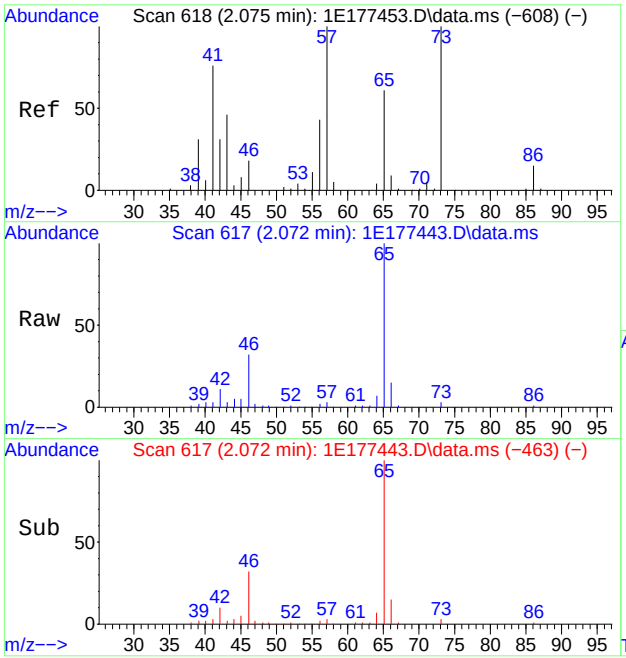


#25
trans-1,2-dichloroethene
Concen: 1.03 ug/L
RT: 2.040 min Scan# 607
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 61 Resp: 1648

Ion	Ratio	Lower	Upper
61	100		
96	66.7	41.6	101.6
98	32.1	15.7	75.7

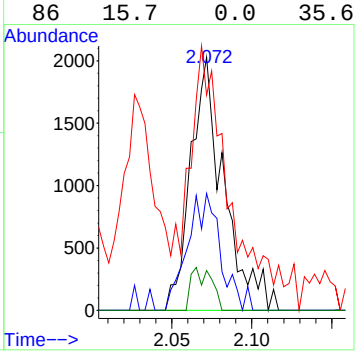


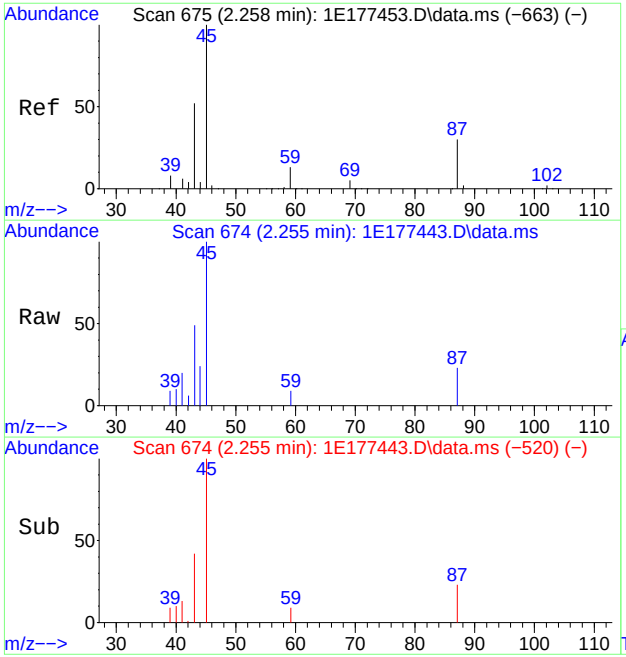


#26
hexane
Concen: 1.00 ug/L
RT: 2.072 min Scan# 617
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 57 Resp: 2948

Ion	Ratio	Lower	Upper
57	100		
56	46.1	23.0	63.0
43	75.8	50.7	90.7
86	15.7	0.0	35.6

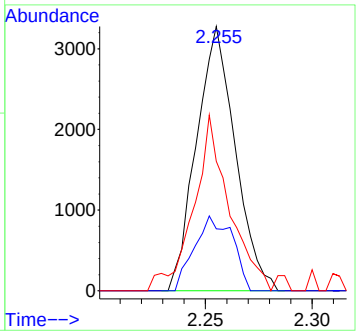


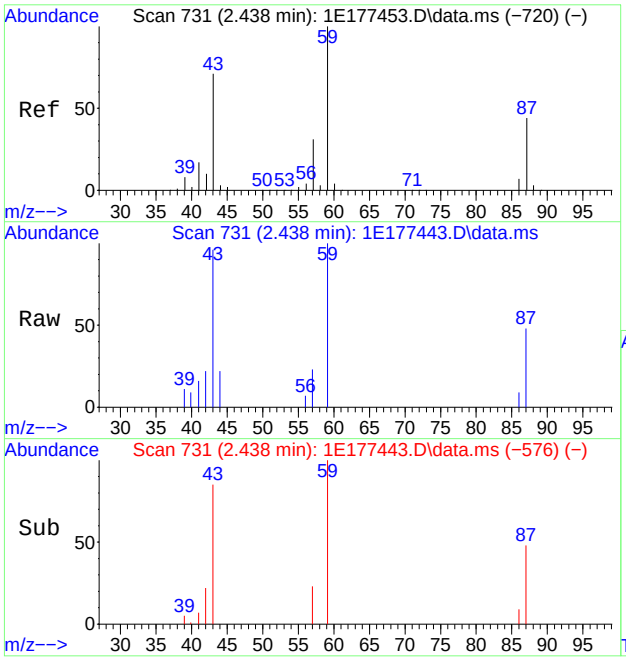


#27
di-isopropyl ether
Concen: 1.01 ug/L
RT: 2.255 min Scan# 674
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 45 Resp: 4155

Ion	Ratio	Lower	Upper
45	100		
87	23.5	0.0	59.9
43	43.2	22.2	82.2

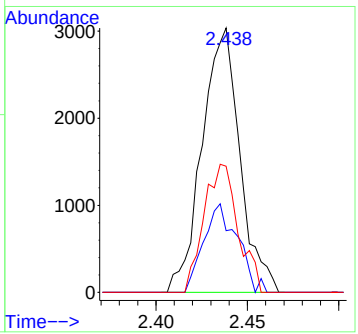


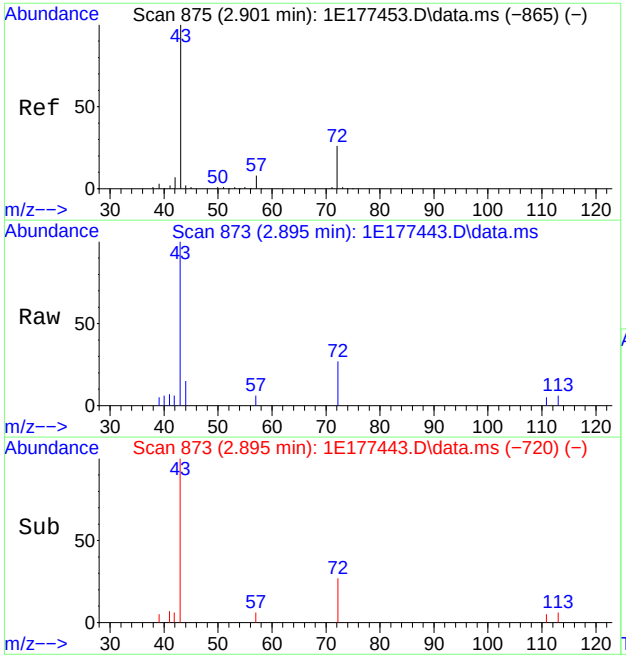


#28
ethyl tert-butyl ether
Concen: 1.02 ug/L
RT: 2.438 min Scan# 731
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 59 Resp: 4383

Ion	Ratio	Lower	Upper
59	100		
57	23.3	1.2	61.2
87	47.7	14.3	74.3

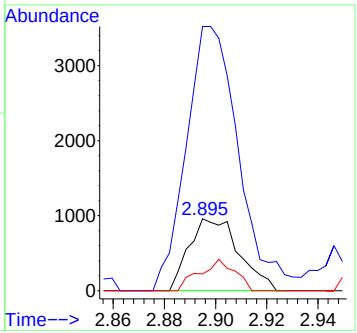


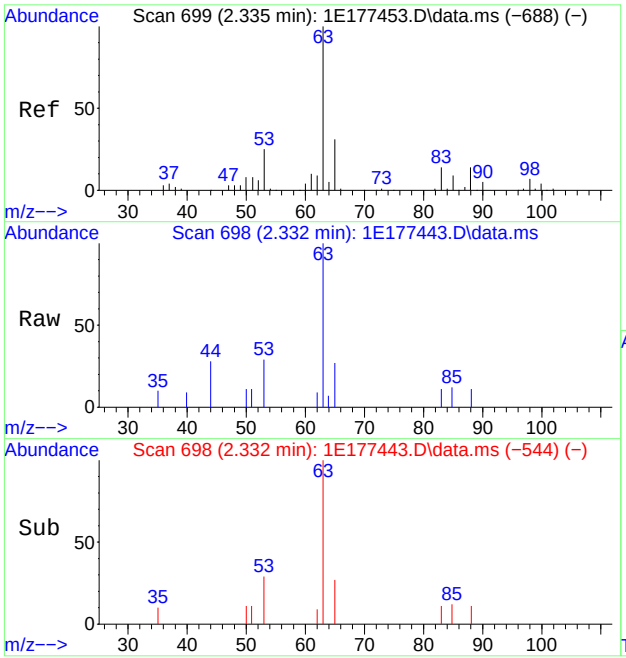


#29
2-butanone
Concen: 3.55 ug/L
RT: 2.895 min Scan# 873
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 72 Resp: 1304

Ion	Ratio	Lower	Upper
72	100		
43	344.9	351.4	411.4#
57	23.4	1.3	61.3

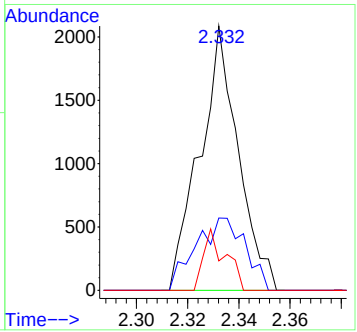


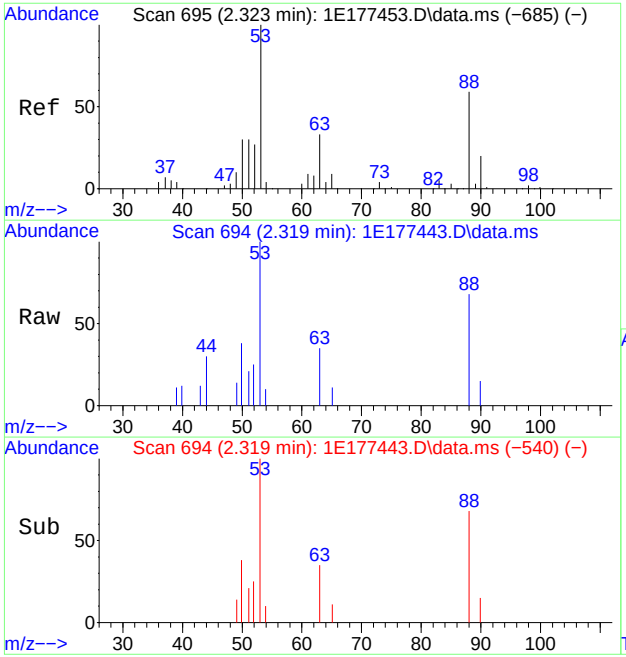


#30
1,1-dichloroethane
Concen: 0.89 ug/L
RT: 2.332 min Scan# 698
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 63 Resp: 2184

Ion	Ratio	Lower	Upper
63	100		
65	27.3	1.1	61.1
83	11.2	0.0	44.4

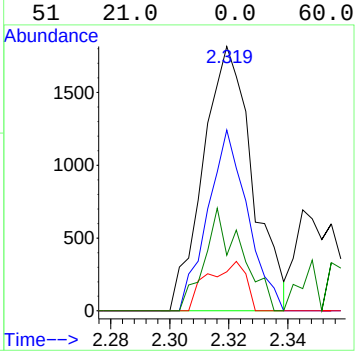


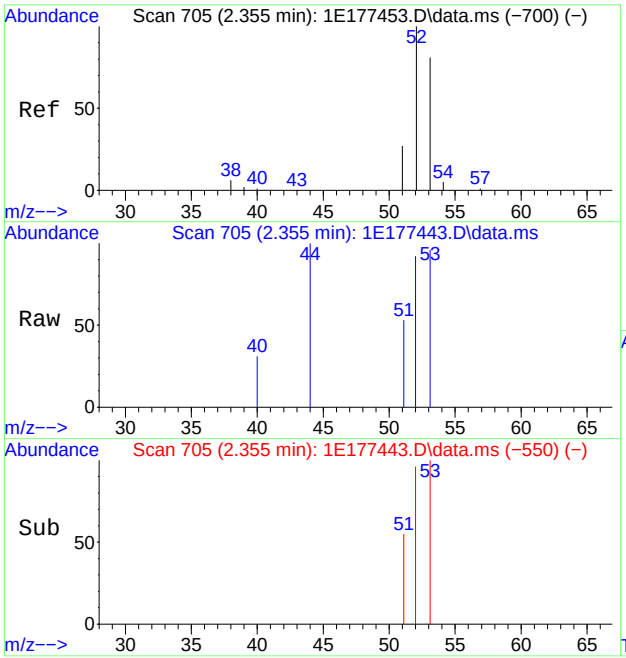


#31
chloroprene
Concen: 1.00 ug/L
RT: 2.319 min Scan# 694
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 53 Resp: 2103

Ion	Ratio	Lower	Upper
53	100		
88	68.4	29.0	89.0
90	14.8	0.0	50.3
51	21.0	0.0	60.0

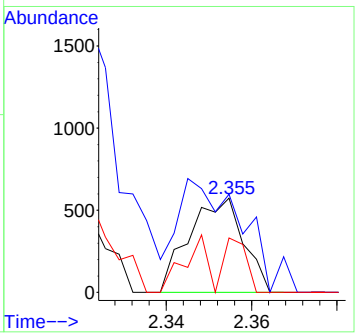


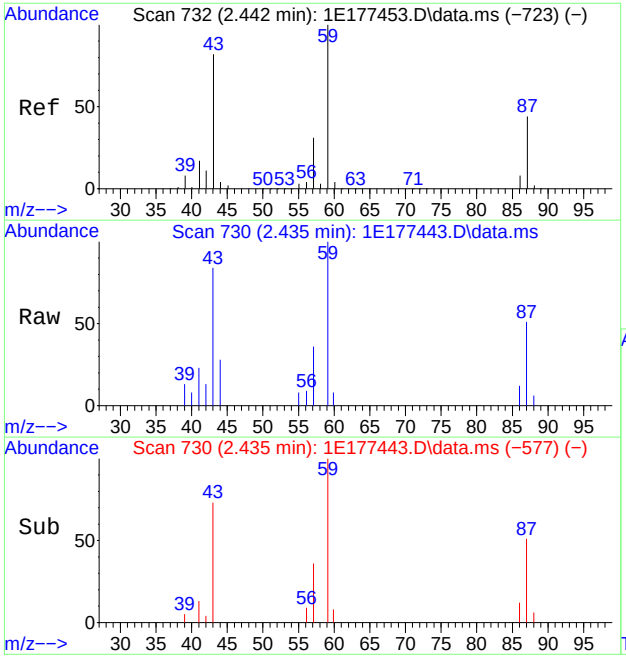


#32
acrylonitrile
Concen: 0.85 ug/L
RT: 2.355 min Scan# 705
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 52 Resp: 508

Ion	Ratio	Lower	Upper
52	100		
53	69.3	98.3	158.3#
51	57.7	13.3	73.3

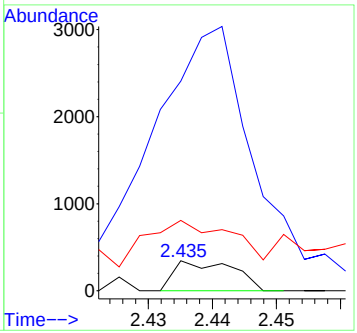


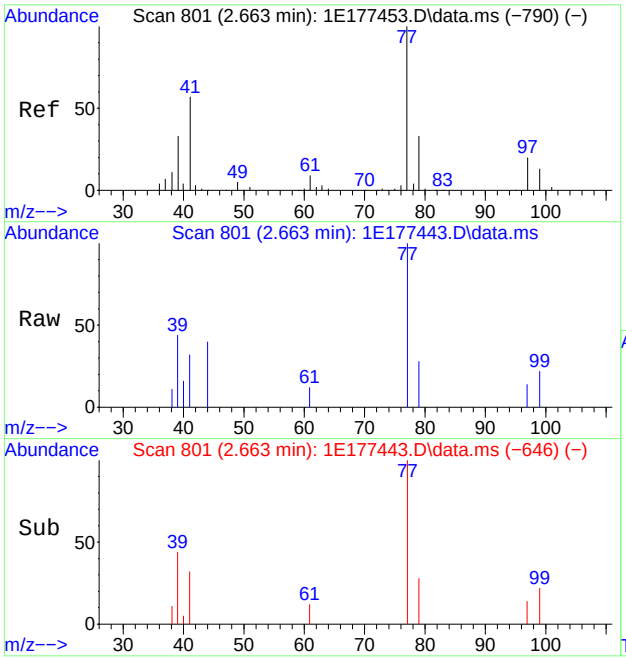


#33
vinyl acetate
Concen: 0.77 ug/L
RT: 2.435 min Scan# 730
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 86 Resp: 220

Ion	Ratio	Lower	Upper
86	100		
43	449.6	996.1	1056.1#
44	46.4	16.2	76.2

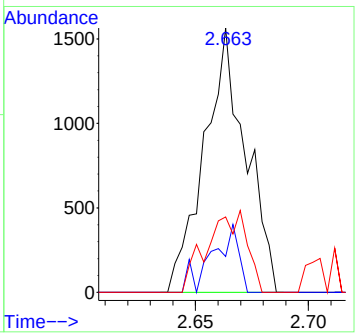


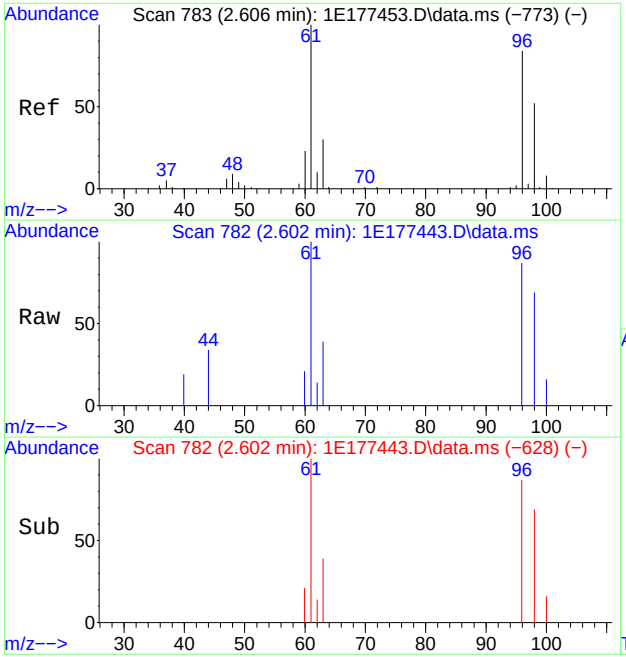


#35
2,2-dichloropropane
Concen: 0.96 ug/L
RT: 2.663 min Scan# 801
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 77 Resp: 1997

Ion	Ratio	Lower	Upper
77	100		
97	13.5	0.0	50.3
79	28.5	2.7	62.7

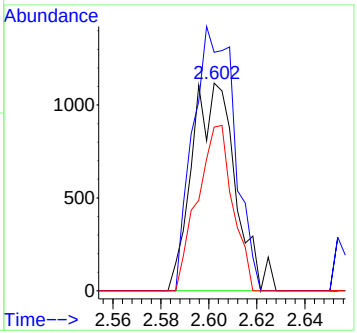


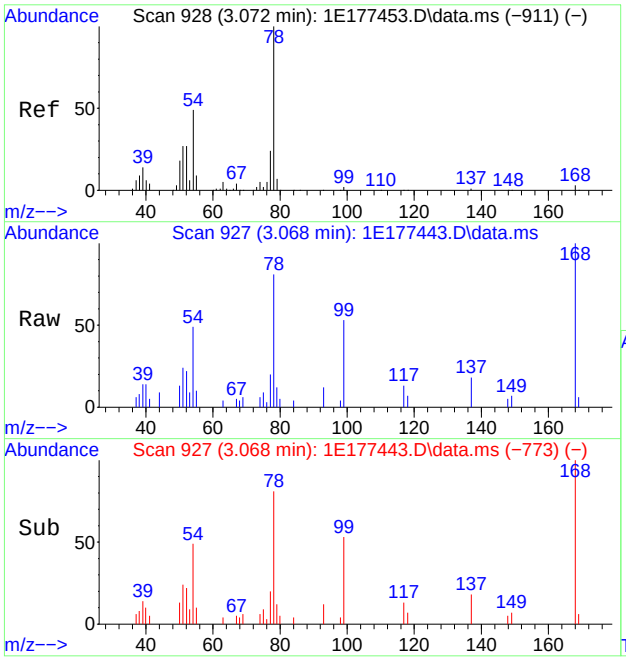


#36
cis-1,2-dichloroethene
Concen: 0.97 ug/L
RT: 2.602 min Scan# 782
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 96 Resp: 1405

Ion	Ratio	Lower	Upper
96	100		
61	114.8	89.1	149.1
98	78.8	31.8	91.8

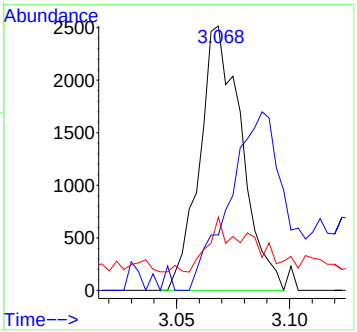


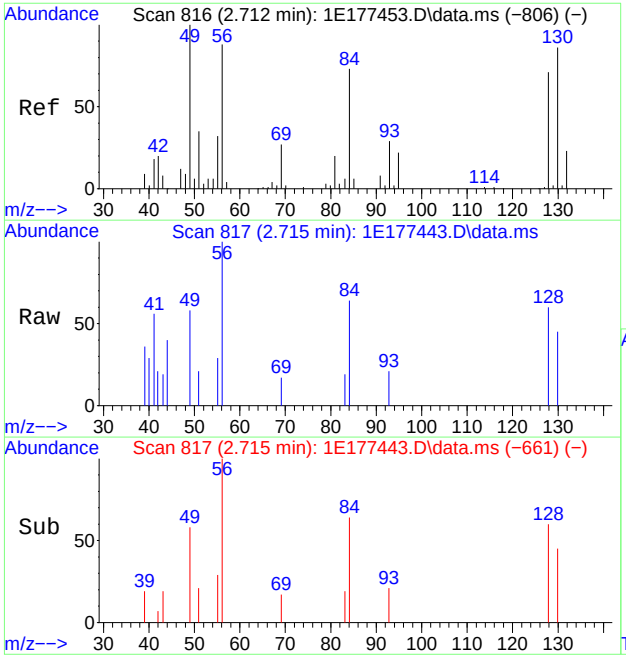


#37
propionitrile
Concen: 11.07 ug/L
RT: 3.068 min Scan# 927
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 54 Resp: 3248

Ion	Ratio	Lower	Upper
54	100		
55	21.0	0.0	49.2
40	20.7	0.0	43.2

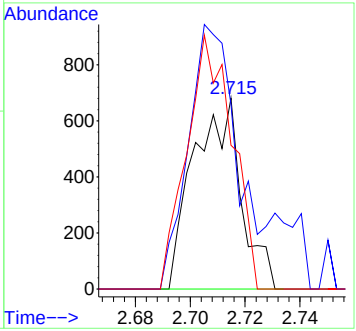


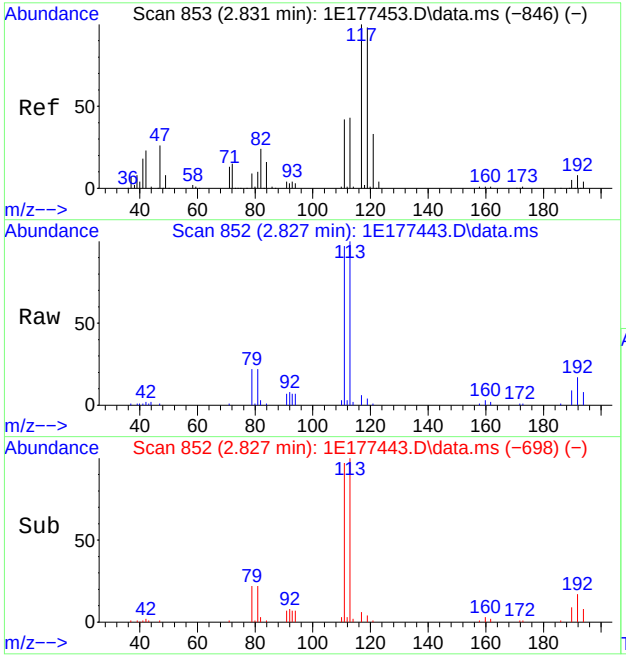


#39
bromochloromethane
Concen: 1.14 ug/L
RT: 2.715 min Scan# 817
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:128 Resp: 820

Ion	Ratio	Lower	Upper
128	100		
49	96.8	113.7	173.7#
130	75.3	91.4	151.4#

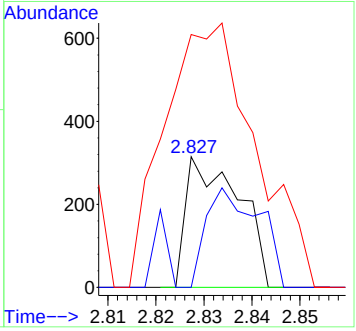


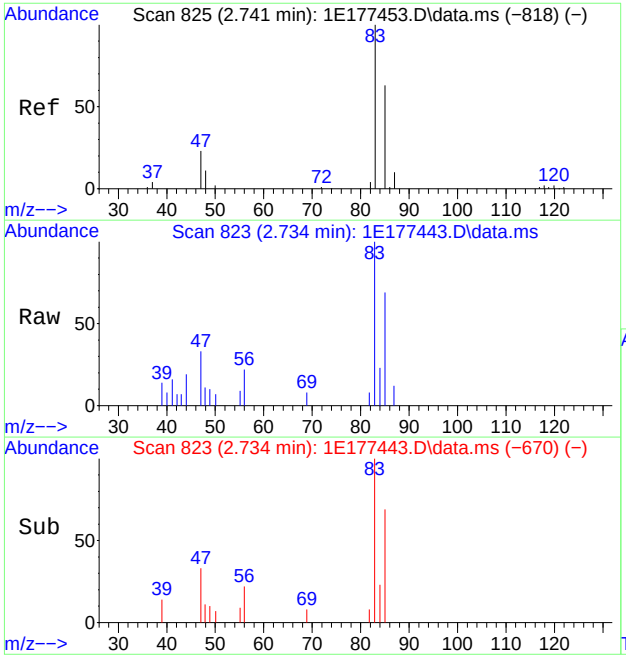


#40
tetrahydrofuran
Concen: 0.85 ug/L
RT: 2.827 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 71 Resp: 242

Ion	Ratio	Lower	Upper
71	100		
72	0.0	82.2	142.2#
42	114.6	201.9	261.9#

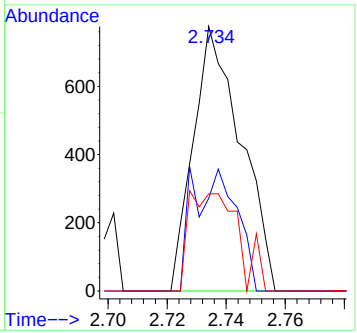


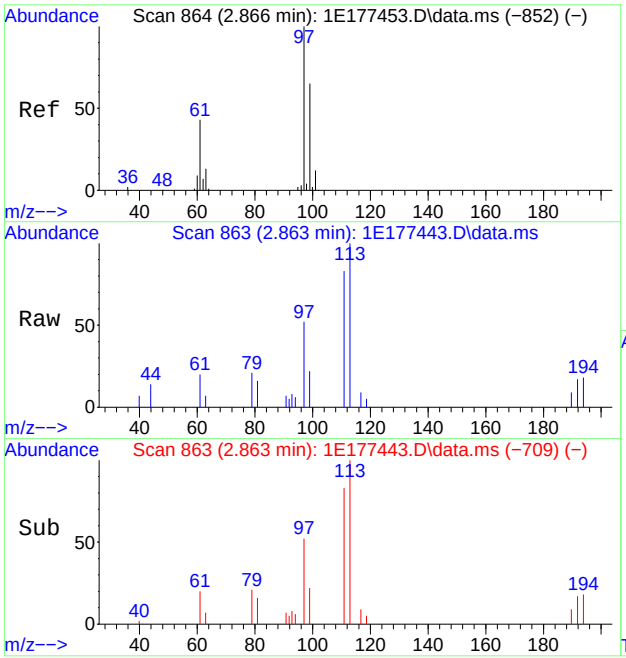


#41
chloroform
Concen: 1.29 ug/L
RT: 2.734 min Scan# 823
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 47 Resp: 870

Ion	Ratio	Lower	Upper
47	100		
48	35.1	23.0	83.0
87	36.7	8.1	68.1

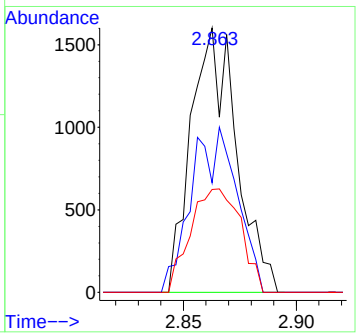


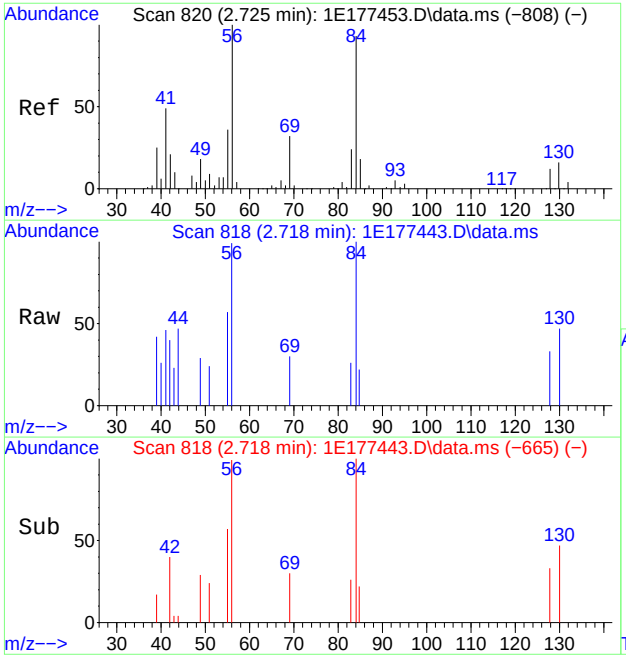


#44
1,1,1-trichloroethane
Concen: 1.00 ug/L
RT: 2.863 min Scan# 863
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 97 Resp: 2238

Ion	Ratio	Lower	Upper
97	100		
99	41.4	34.9	94.9
61	38.9	13.2	73.2

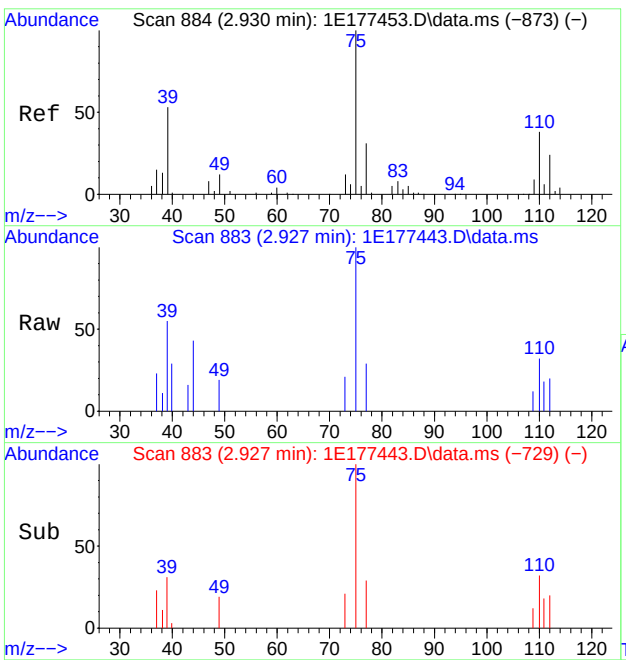




#45
cyclohexane
Concen: 0.88 ug/L
RT: 2.718 min Scan# 818
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 84 Resp: 1690

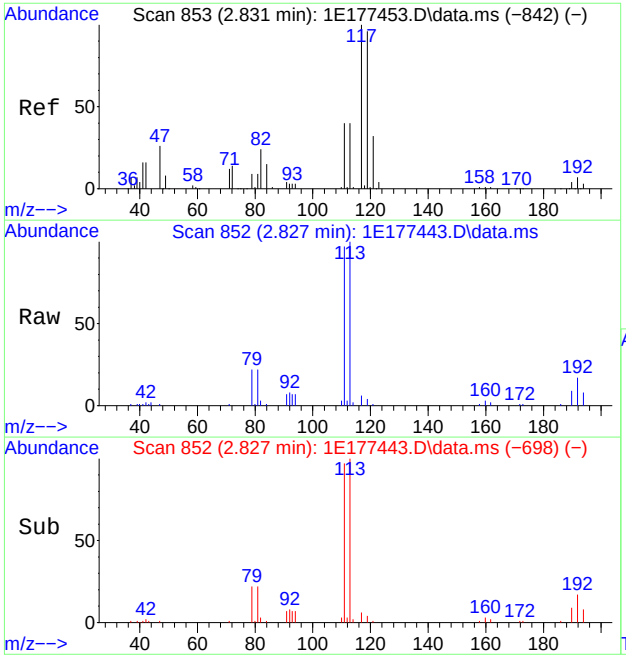
Ion	Ratio	Lower	Upper
84	100		
56	81.3	87.1	127.1#
41	38.2	36.3	76.3



#46
1,1-dichloropropene
Concen: 0.94 ug/L
RT: 2.927 min Scan# 883
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 75 Resp: 1708

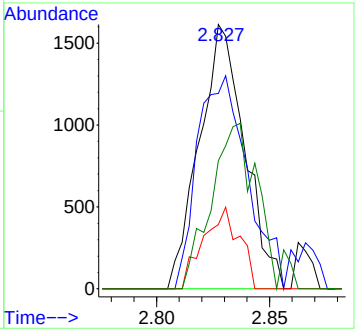
Ion	Ratio	Lower	Upper
75	100		
77	28.8	10.6	50.6
110	32.2	17.7	57.7
112	19.9	4.2	44.2

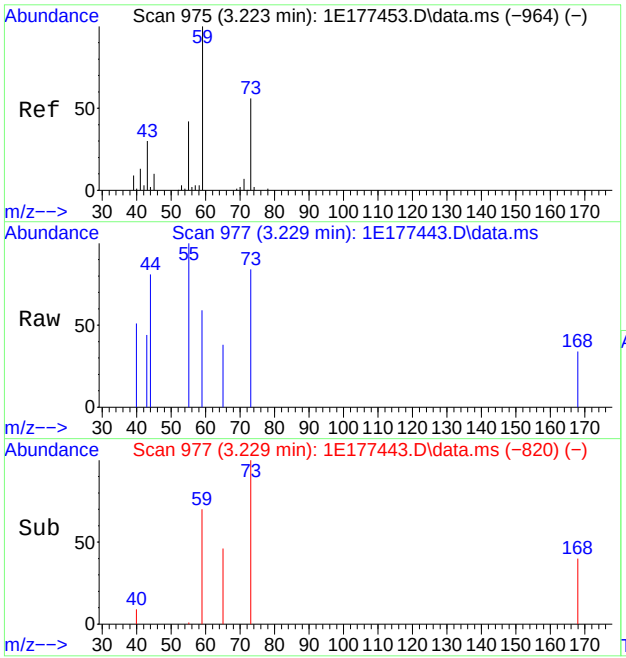


#47
carbon tetrachloride
Concen: 1.02 ug/L
RT: 2.827 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:117 Resp: 2252

Ion	Ratio	Lower	Upper
117	100		
119	73.9	76.4	116.4#
121	24.3	12.4	52.4
82	48.4	4.0	44.0#

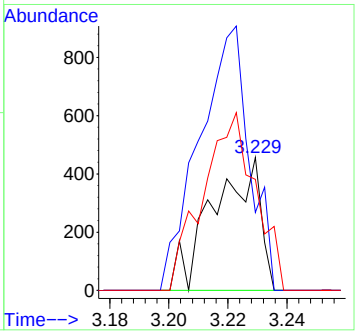


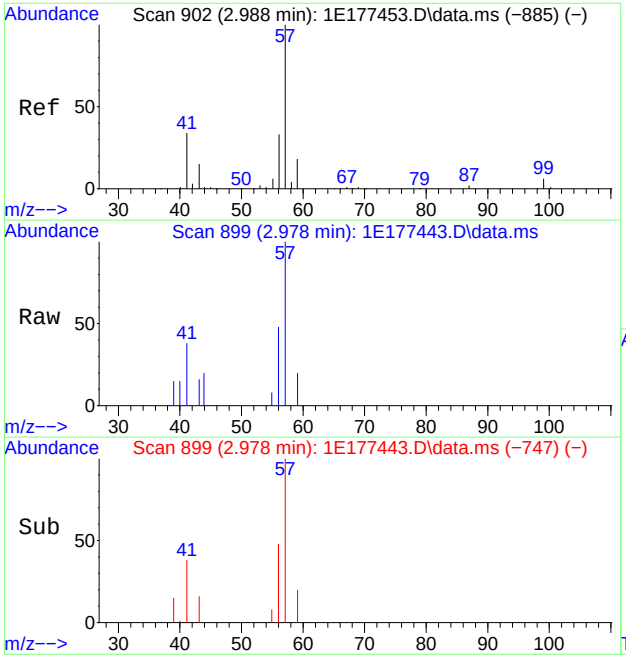


#49
tert-amyl alcohol
Concen: 5.73 ug/L
RT: 3.229 min Scan# 977
Delta R.T. 0.006 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 55 Resp: 508

Ion	Ratio	Lower	Upper
55	100		
59	58.8	210.1	250.1#
73	83.6	111.6	151.6#

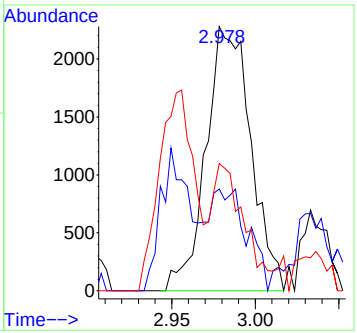


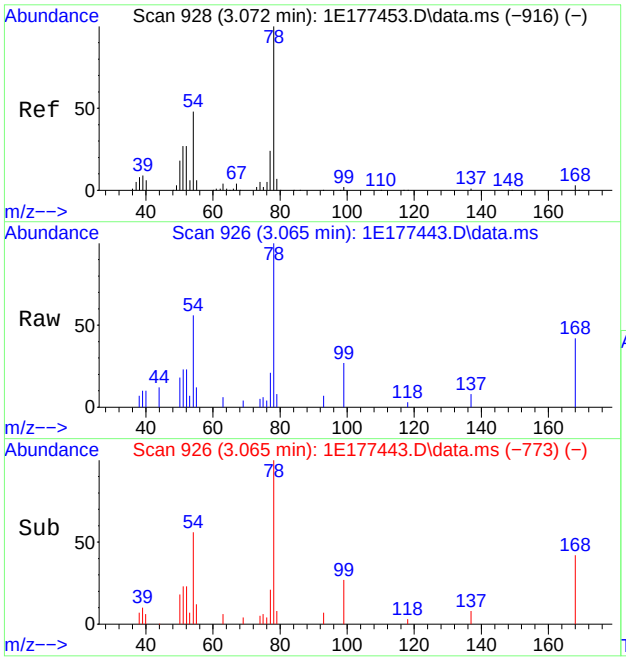


#52
iso-octane
Concen: 1.00 ug/L
RT: 2.978 min Scan# 899
Delta R.T. -0.010 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 57 Resp: 4253

Ion	Ratio	Lower	Upper
57	100		
41	31.0	14.3	54.3
56	35.0	13.6	53.6

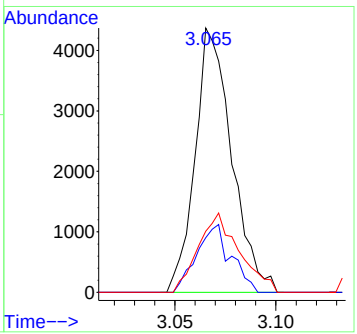


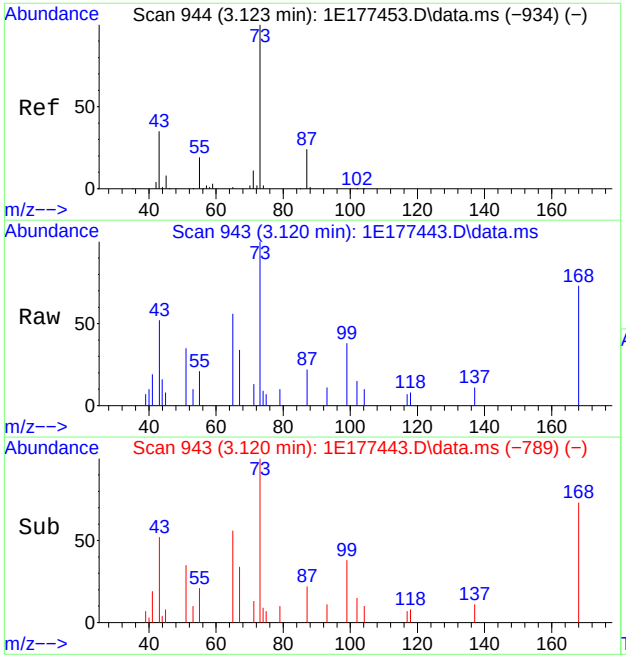


#53
benzene
Concen: 1.09 ug/L
RT: 3.065 min Scan# 926
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 78 Resp: 5507

Ion	Ratio	Lower	Upper
78	100		
77	20.7	0.0	54.3
52	23.1	0.0	57.1

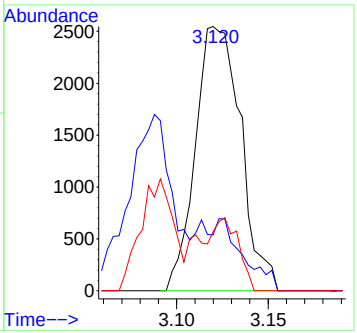


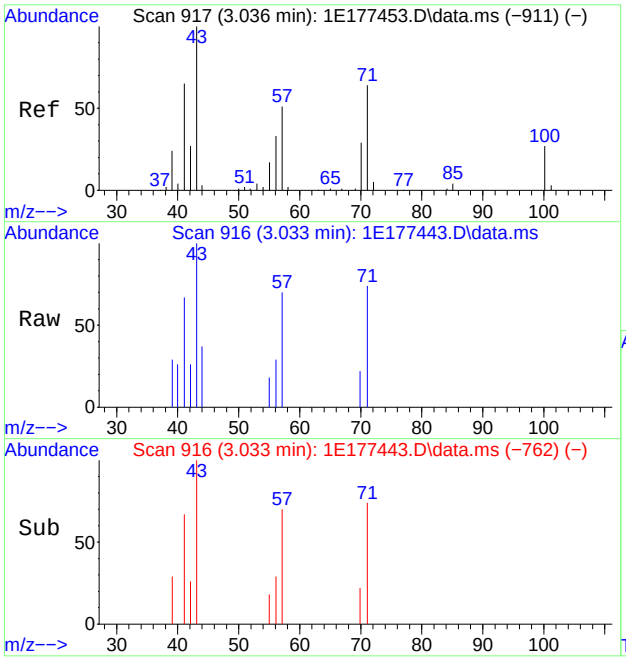


#54
tert-amyl methyl ether
Concen: 1.05 ug/L
RT: 3.120 min Scan# 943
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 73 Resp: 4423

Ion	Ratio	Lower	Upper
73	100		
55	21.1	2.5	42.5
87	22.3	5.0	45.0

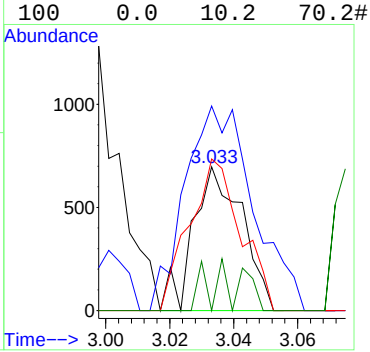


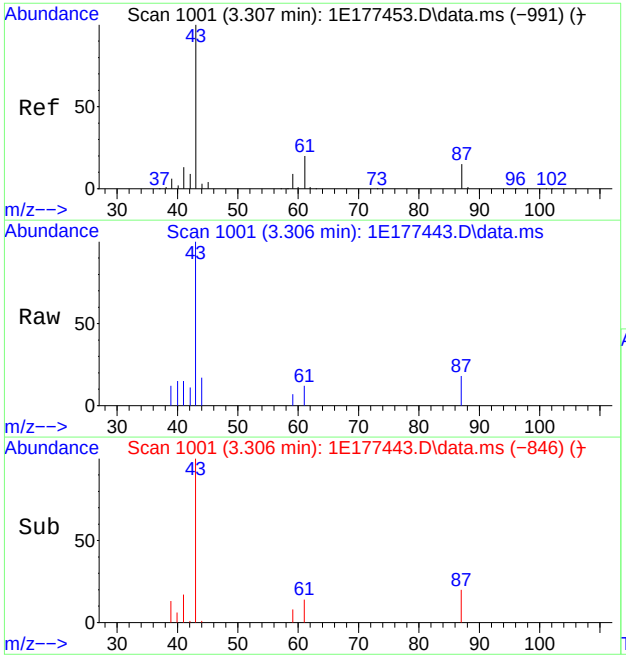


#55
heptane
Concen: 0.82 ug/L
RT: 3.033 min Scan# 916
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 57 Resp: 742

Ion	Ratio	Lower	Upper
57	100		
43	111.6	129.2	189.2#
71	105.6	71.9	131.9
100	0.0	10.2	70.2#

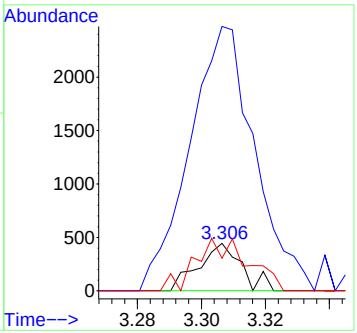


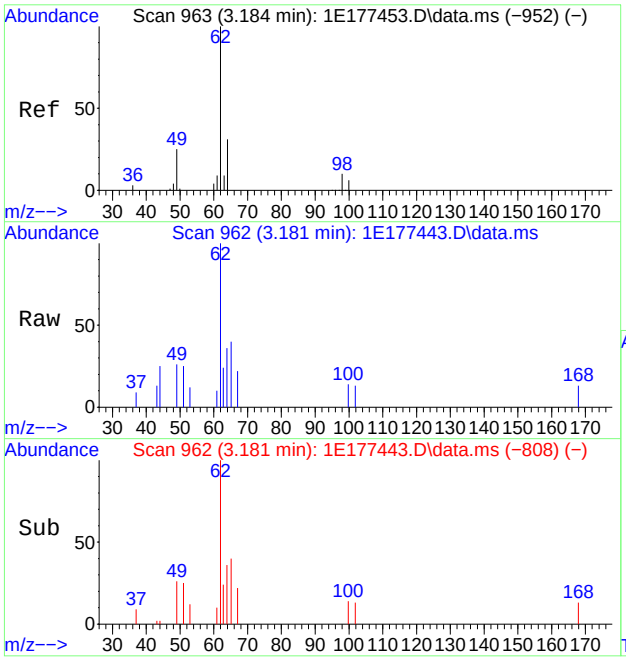


#56
isopropyl acetate
Concen: 0.82 ug/L
RT: 3.306 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 87 Resp: 415

Ion	Ratio	Lower	Upper
87	100		
43	474.3	647.0	707.0#
61	69.1	104.0	164.0#

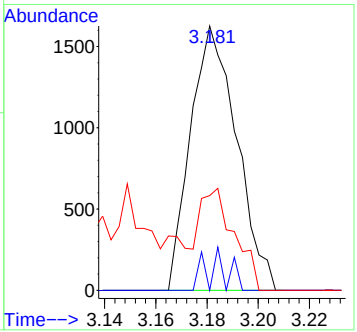


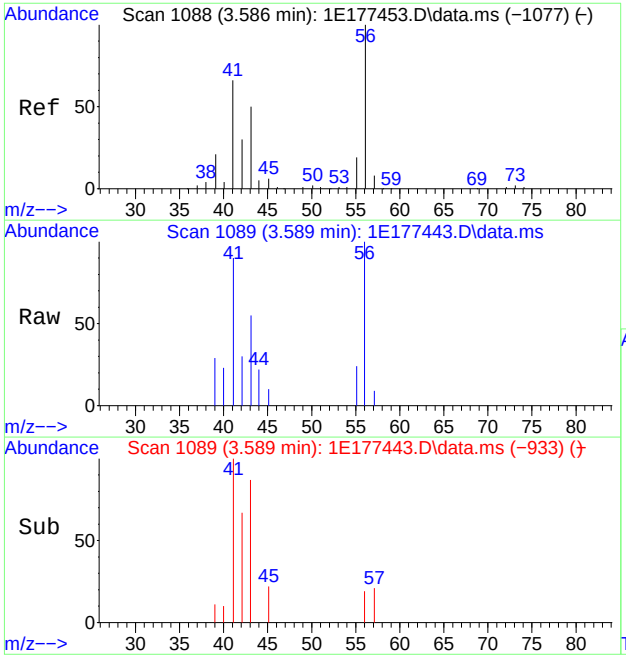


#57
1,2-dichloroethane
Concen: 0.90 ug/L
RT: 3.181 min Scan# 962
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 62 Resp: 2039

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	39.5
64	35.8	1.9	61.9

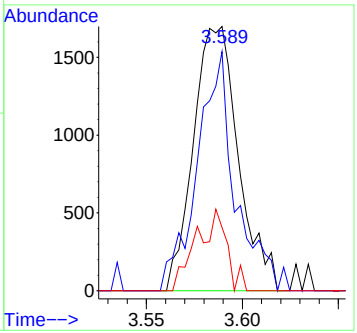


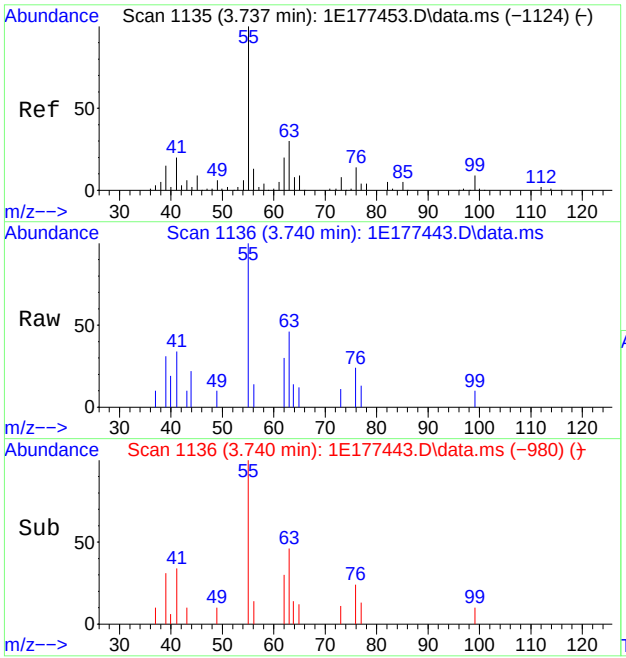


#58
n-butyl alcohol
Concen: 55.95 ug/L
RT: 3.589 min Scan# 1089
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 56 Resp: 2781

Ion	Ratio	Lower	Upper
56	100		
41	90.5	46.6	86.6#
55	24.0	0.0	39.2

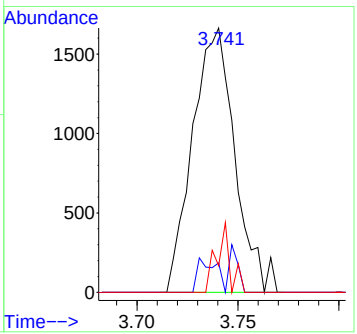


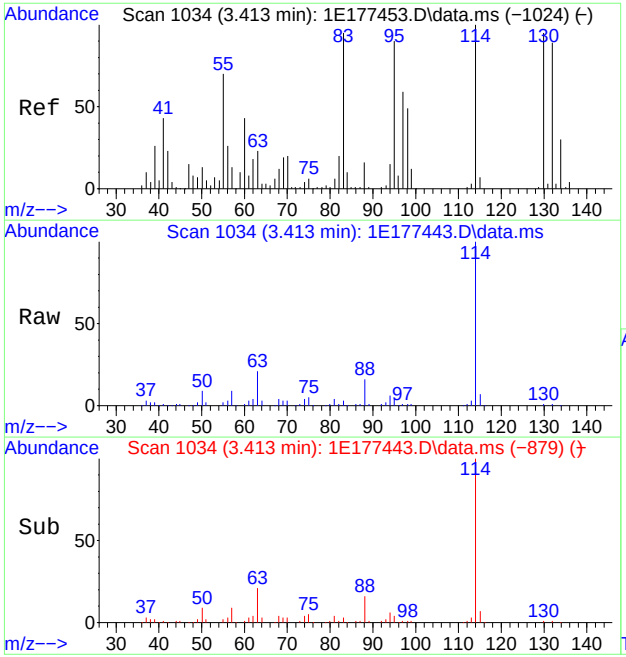


#59
ethyl acrylate
Concen: 0.94 ug/L
RT: 3.740 min Scan# 1136
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 55 Resp: 2428

Ion	Ratio	Lower	Upper
55	100		
73	11.1	0.0	37.9
99	10.1	0.0	38.9

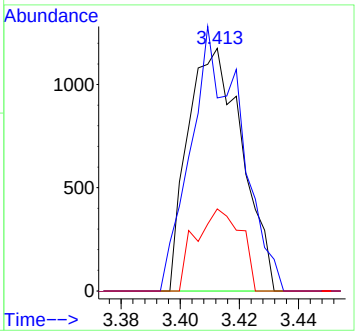


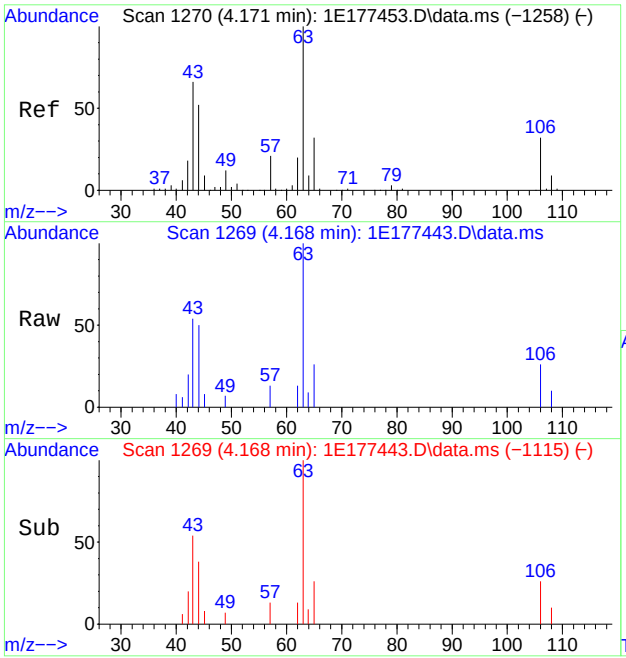


#60
trichloroethene
Concen: 0.92 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:130 Resp: 1500

Ion	Ratio	Lower	Upper
130	100		
132	79.5	63.8	123.8
134	33.8	1.3	61.3

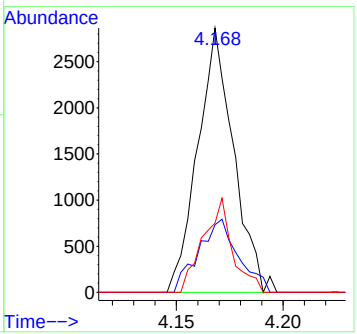


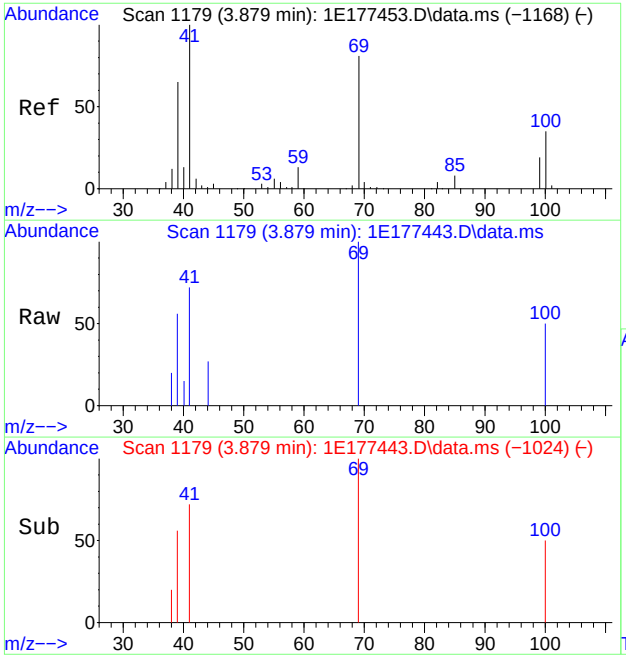


#62
2-chloroethyl vinyl ether
Concen: 3.41 ug/L
RT: 4.168 min Scan# 1269
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 63 Resp: 3359

Ion	Ratio	Lower	Upper
63	100		
65	25.5	1.9	61.9
106	26.2	2.0	62.0

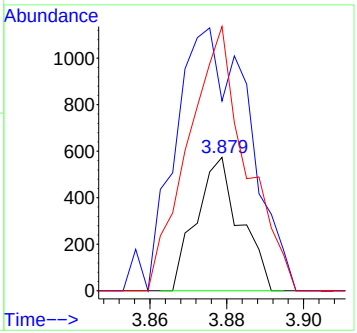


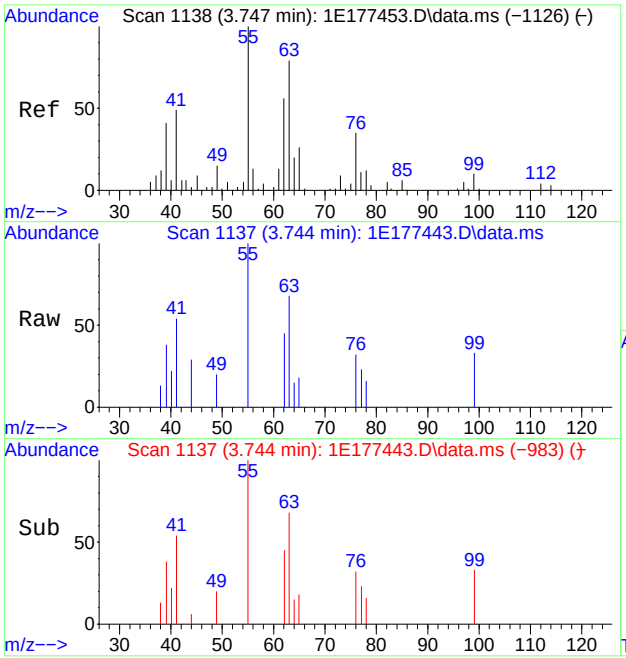


#63
methyl methacrylate
Concen: 0.79 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:100 Resp: 456

Ion	Ratio	Lower	Upper
100	100		
41	111.8	253.3	313.3#
69	171.3	198.3	258.3#

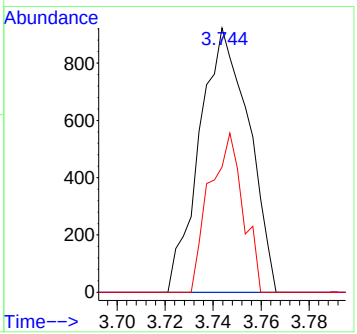


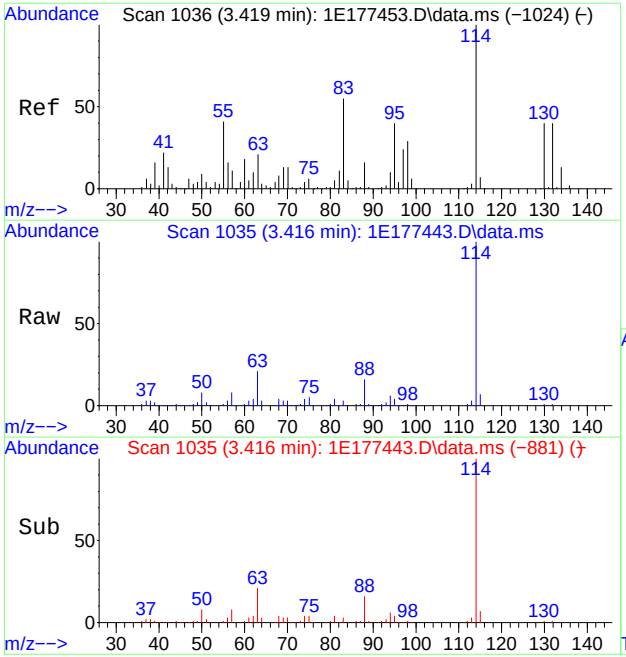


#64
1,2-dichloropropane
Concen: 0.97 ug/L
RT: 3.744 min Scan# 1137
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 63 Resp: 1314

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.8
76	47.3	14.8	74.8

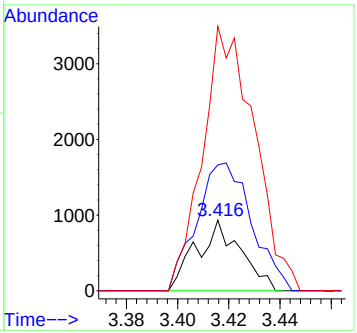


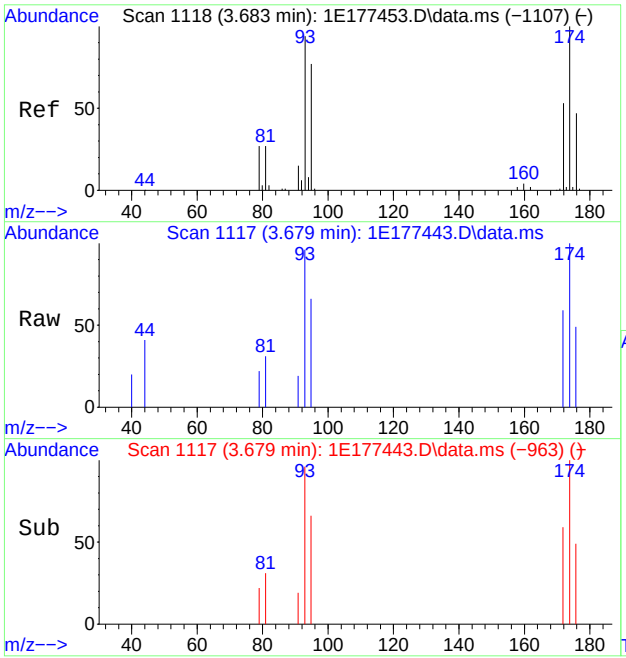


#65
methylcyclohexane
Concen: 0.91 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 98 Resp: 1117

Ion	Ratio	Lower	Upper
98	100		
55	178.3	109.6	169.6#
83	374.2	187.2	187.2#

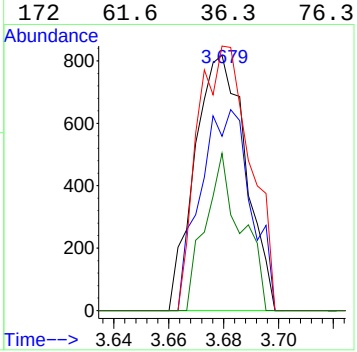


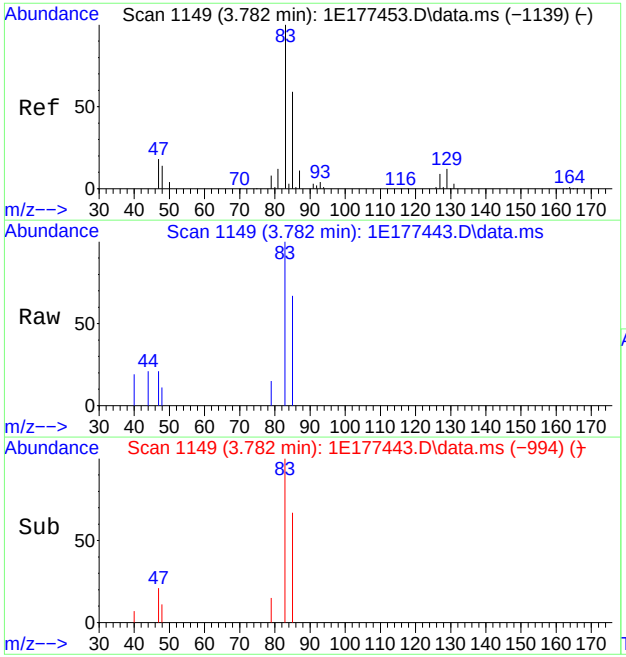


#66
dibromomethane
Concen: 1.01 ug/L
RT: 3.679 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 93 Resp: 1057

Ion	Ratio	Lower	Upper
93	100		
95	68.2	51.7	111.7
174	103.7	76.6	136.6
172	61.6	36.3	76.3

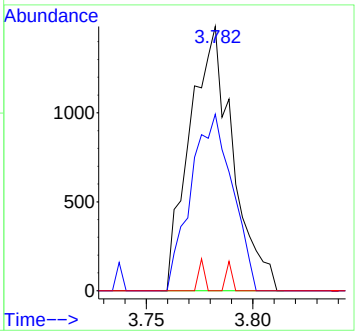


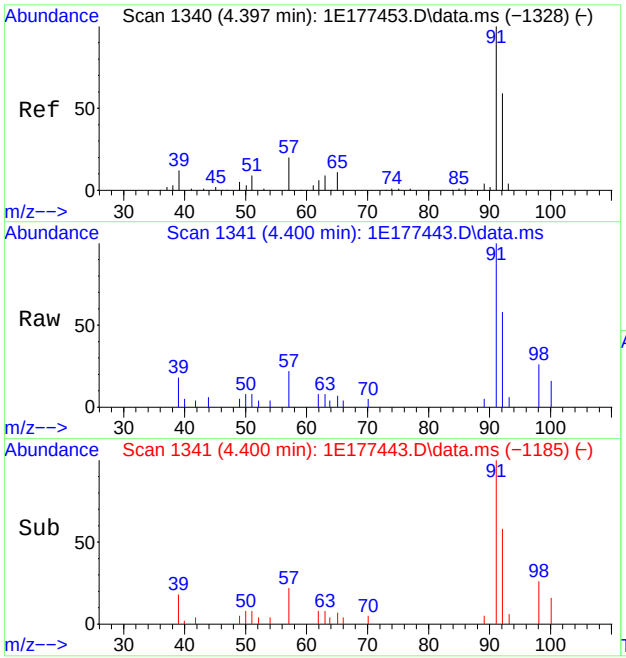


#67
bromodichloromethane
Concen: 1.07 ug/L
RT: 3.782 min Scan# 1149
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 83 Resp: 2081

Ion	Ratio	Lower	Upper
83	100		
85	66.8	33.0	93.0
127	0.0	0.0	38.8

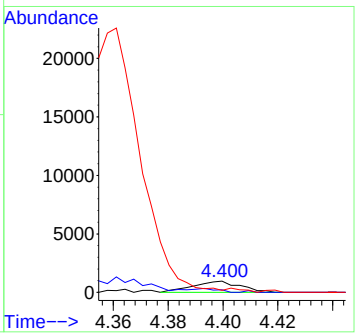




#68
epichlorohydrin
Concen: 4.78 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

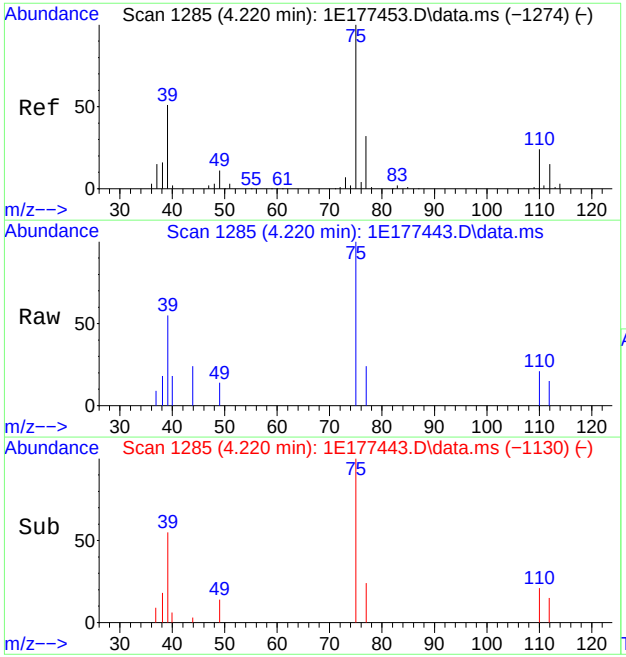
Tgt Ion: 57 Resp: 1167

Ion	Ratio	Lower	Upper
57	100		
49	23.0	8.6	48.6
42	18.2	0.0	30.2



7.6.3

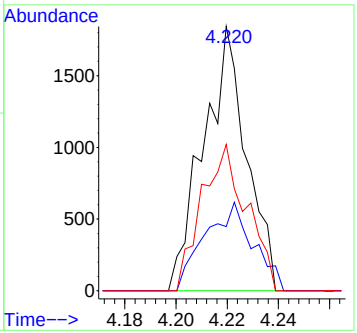
7

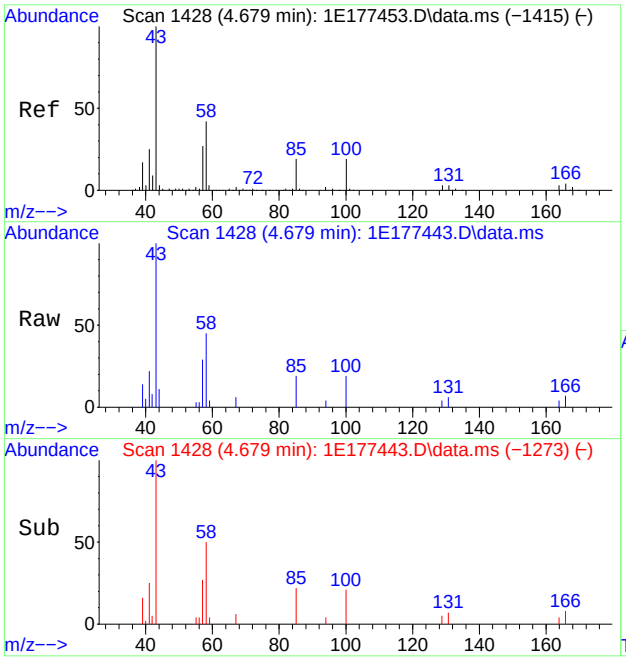


#69
cis-1,3-dichloropropene
Concen: 0.88 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 75 Resp: 2148

Ion	Ratio	Lower	Upper
75	100		
77	24.3	2.1	62.1
39	55.4	23.0	83.0

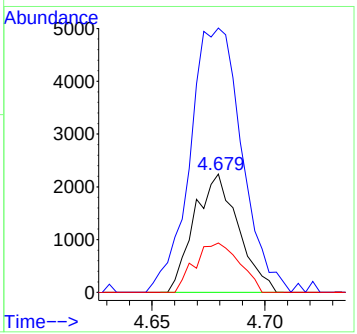


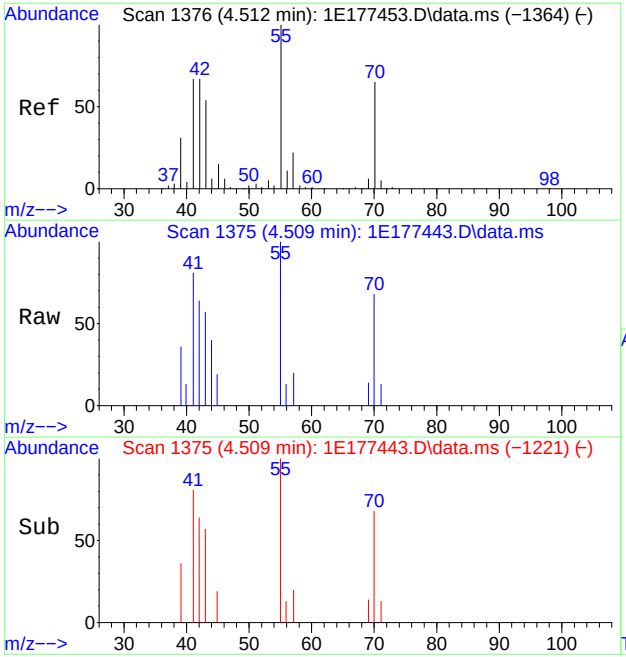


#70
4-methyl-2-pentanone
Concen: 3.80 ug/L
RT: 4.679 min Scan# 1428
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 58 Resp: 3041

Ion	Ratio	Lower	Upper
58	100		
43	215.1	210.4	270.4
100	41.7	14.6	74.6

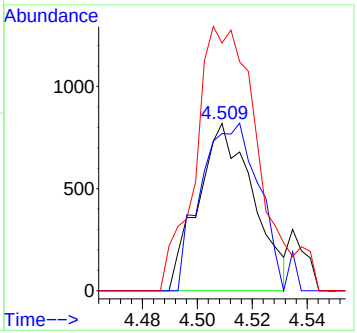


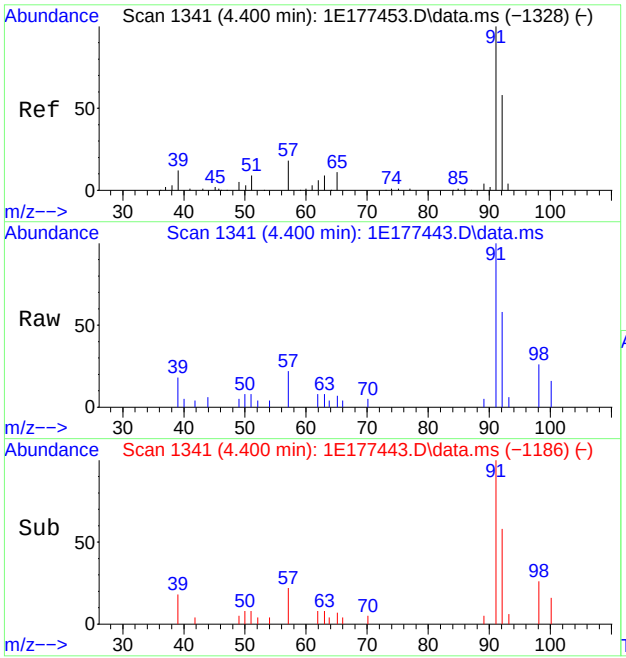


#71
3-methyl-1-butanol
Concen: 19.29 ug/L
RT: 4.509 min Scan# 1375
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 70 Resp: 1145

Ion	Ratio	Lower	Upper
70	100		
42	94.0	73.1	133.1
55	148.0	123.9	183.9

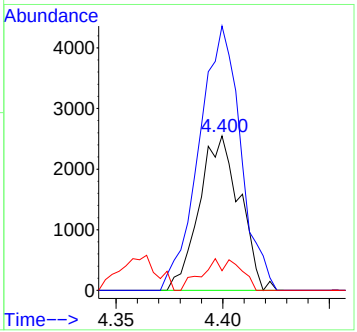


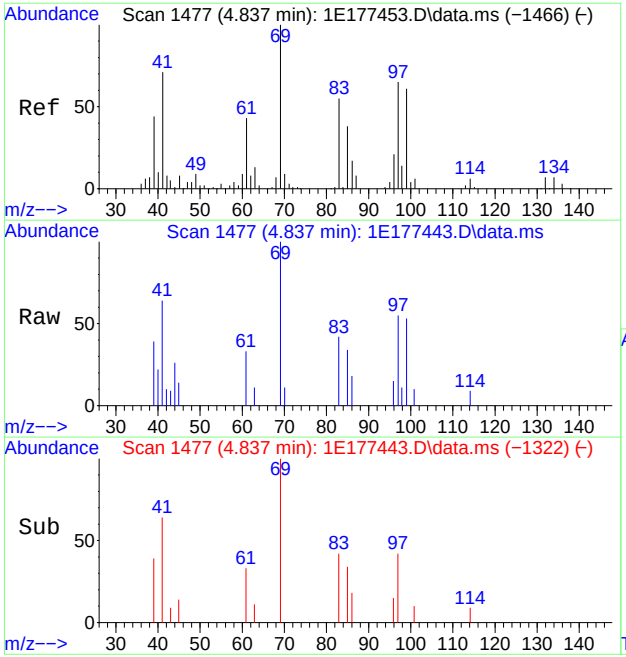


#74
toluene
Concen: 0.99 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 92 Resp: 3371

Ion	Ratio	Lower	Upper
92	100		
91	171.1	151.4	191.4
65	12.7	0.0	39.2

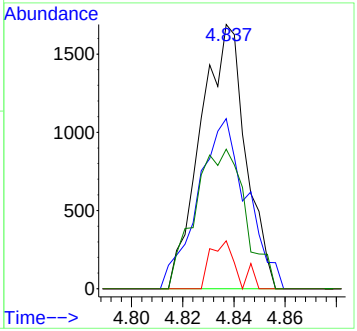


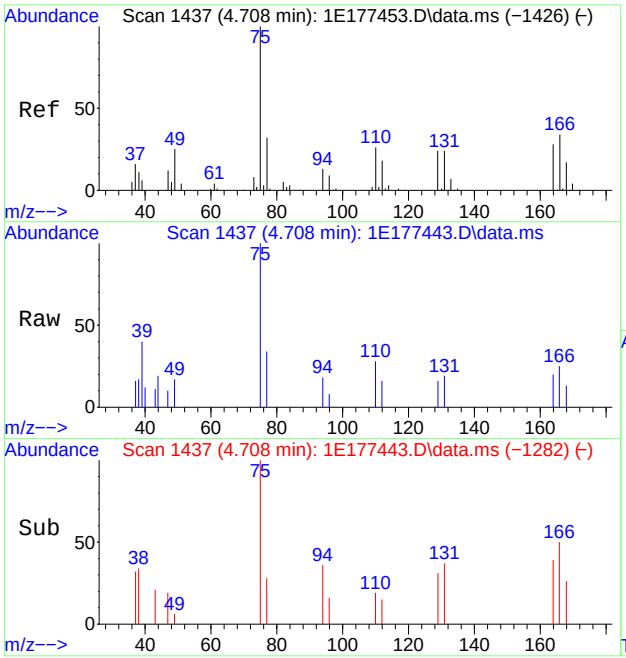


#75
ethyl methacrylate
Concen: 0.99 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 69 Resp: 2064

Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.1	91.1
86	18.1	0.0	36.7
99	52.8	41.3	81.3

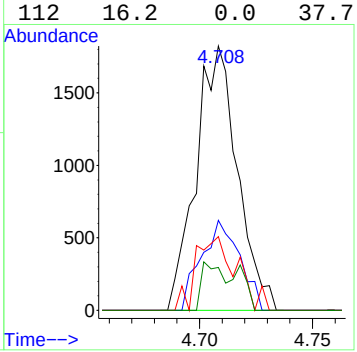


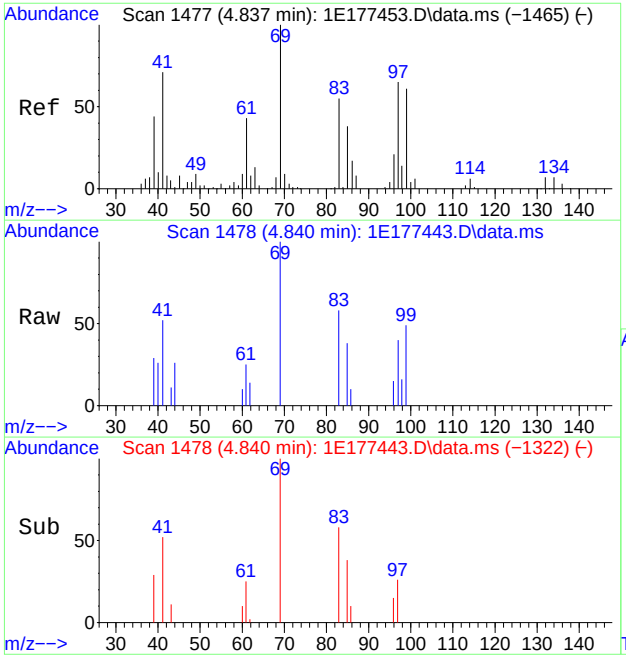


#76
trans-1,3-dichloropropene
Concen: 1.08 ug/L
RT: 4.708 min Scan# 1437
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 75 Resp: 2323

Ion	Ratio	Lower	Upper
75	100		
77	34.0	12.4	52.4
110	27.9	6.3	46.3
112	16.2	0.0	37.7

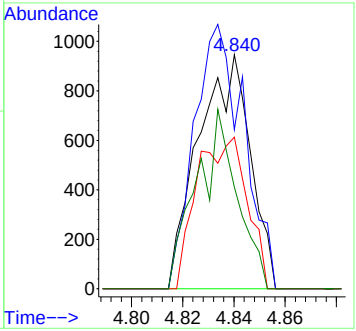


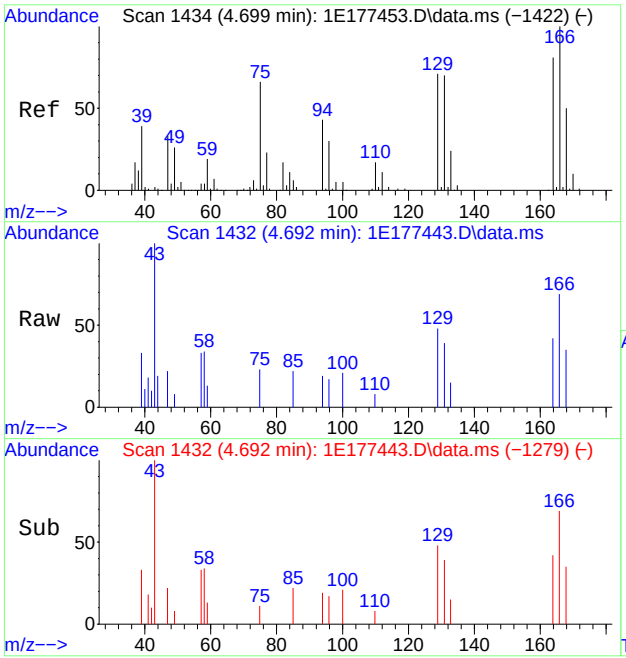


#77
1,1,2-trichloroethane
Concen: 1.09 ug/L
RT: 4.840 min Scan# 1478
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 83 Resp: 1328

Ion	Ratio	Lower	Upper
83	100		
97	68.1	97.4	137.4#
85	64.8	48.3	88.3
61	43.4	56.7	96.7#

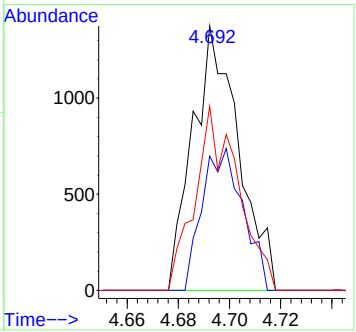


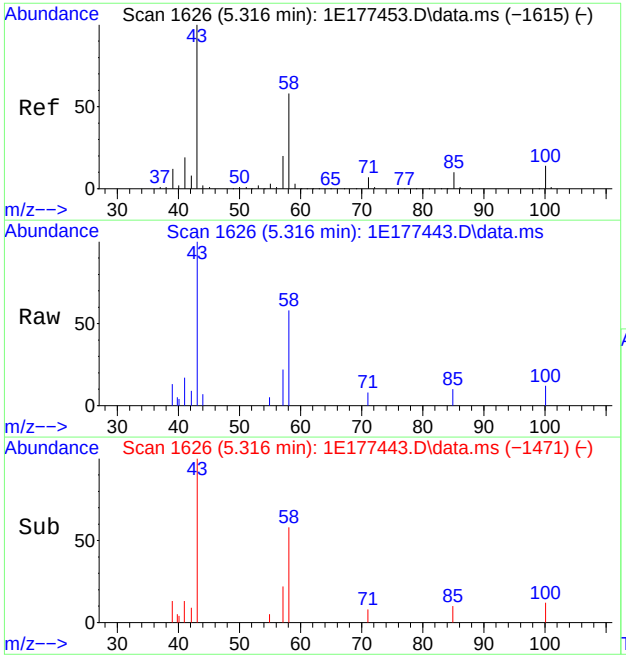


#78
tetrachloroethene
Concen: 1.06 ug/L
RT: 4.692 min Scan# 1432
Delta R.T. -0.007 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:166 Resp: 1714

Ion	Ratio	Lower	Upper
166	100		
168	50.8	20.1	80.1
129	69.7	41.0	101.0

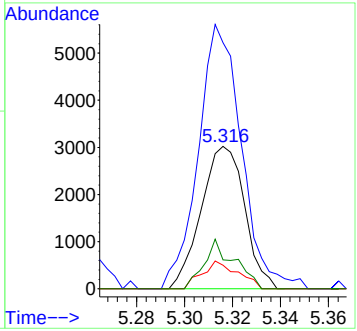


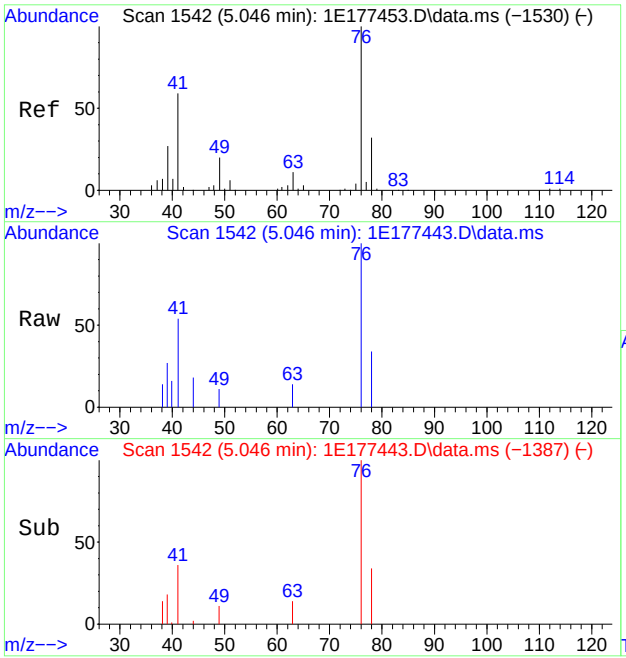


#79
2-hexanone
Concen: 3.86 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 58 Resp: 3798

Ion	Ratio	Lower	Upper
58	100		
43	172.9	153.6	193.6
85	16.6	0.0	37.1
100	20.3	5.0	45.0

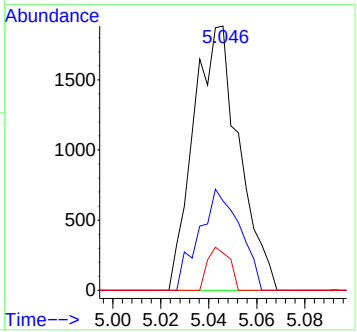


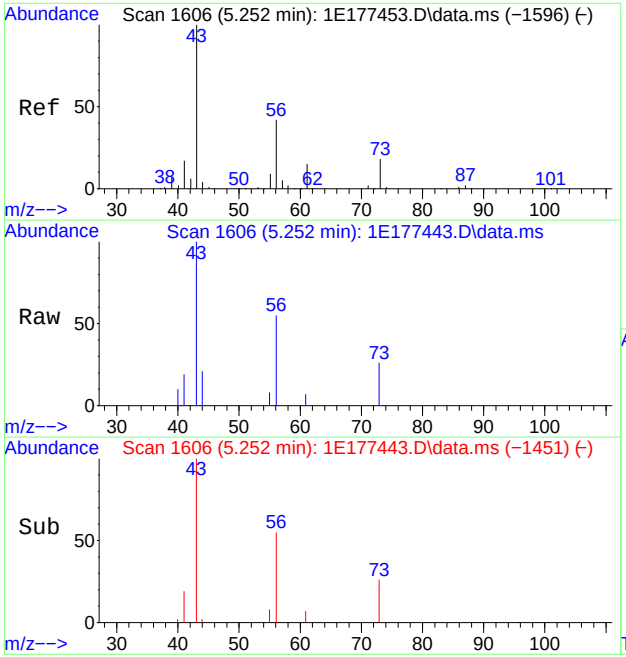


#80
1,3-dichloropropane
Concen: 1.10 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 76 Resp: 2486

Ion	Ratio	Lower	Upper
76	100		
78	33.8	2.4	62.4
63	14.1	0.0	41.1

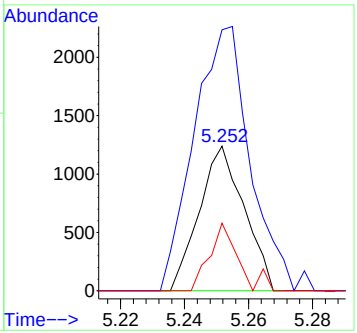


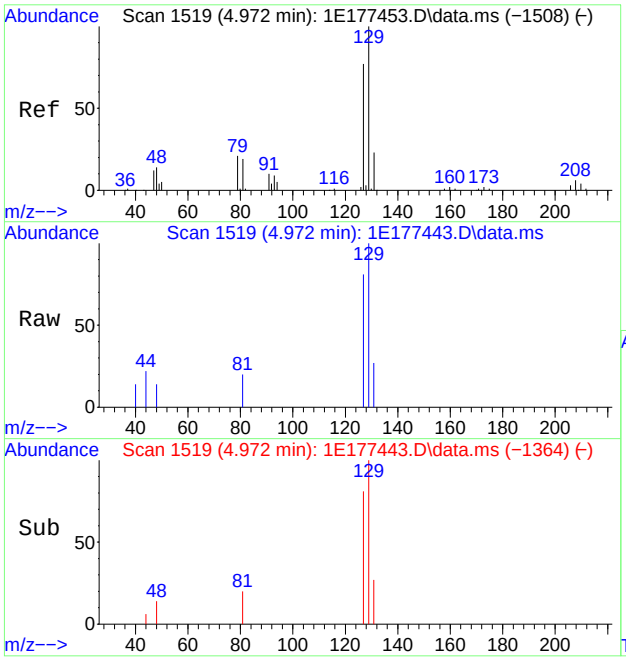


#81
butyl acetate
Concen: 1.02 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 56 Resp: 1208

Ion	Ratio	Lower	Upper
56	100		
43	180.5	205.8	265.8#
73	46.7	13.1	73.1

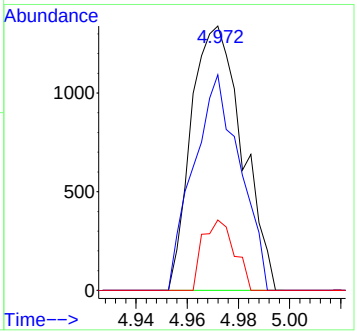


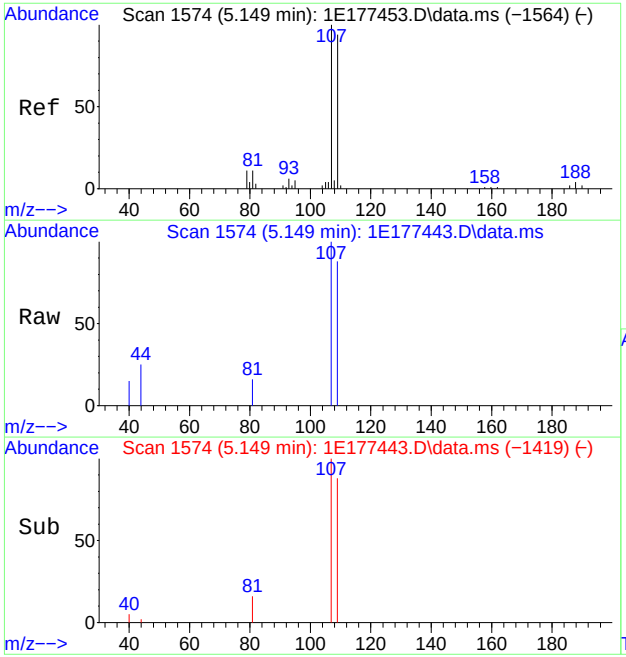


#82
dibromochloromethane
Concen: 1.03 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:129 Resp: 1856

Ion	Ratio	Lower	Upper
129	100		
127	81.5	47.3	107.3
131	26.6	0.0	52.9

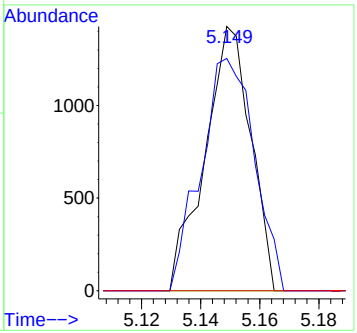


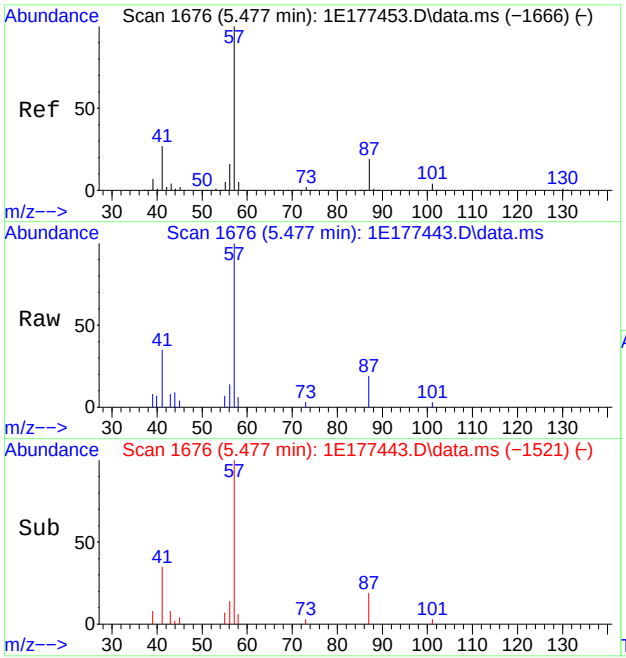


#83
1,2-dibromoethane
Concen: 0.99 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:107 Resp: 1542

Ion	Ratio	Lower	Upper
107	100		
109	87.9	63.9	123.9
188	0.0	0.0	34.1

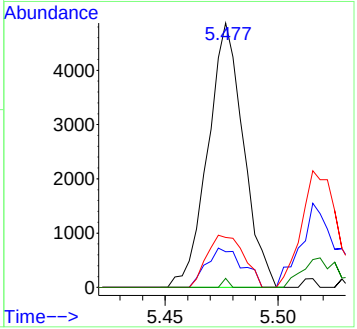


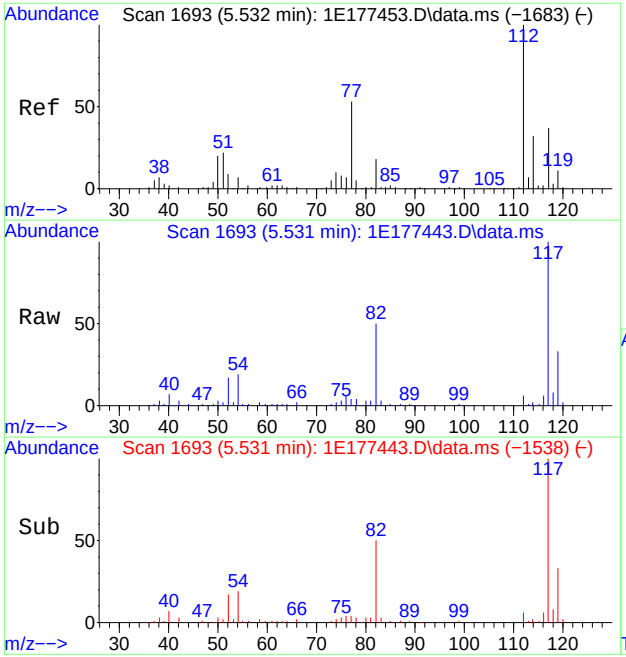


#84
n-butyl ether
Concen: 0.94 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 57 Resp: 5319

Ion	Ratio	Lower	Upper
57	100		
56	13.5	0.0	45.9
87	18.9	0.0	49.2
101	3.4	0.0	34.4

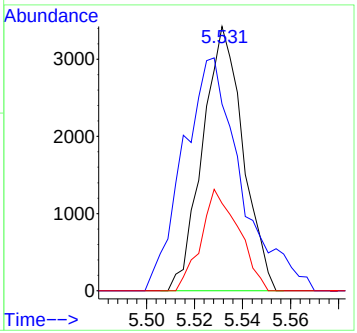


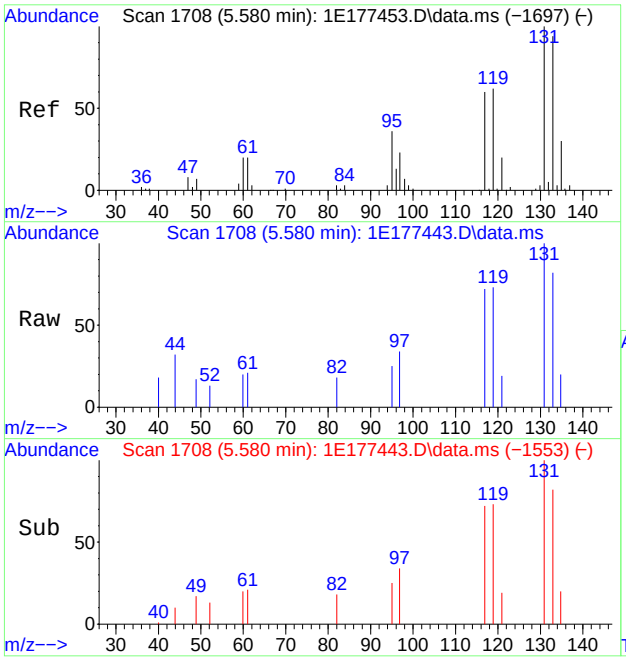


#85
chlorobenzene
Concen: 0.99 ug/L
RT: 5.531 min Scan# 1693
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:112 Resp: 3999

Ion	Ratio	Lower	Upper
112	100		
77	56.7	23.2	83.2
114	33.1	2.3	62.3

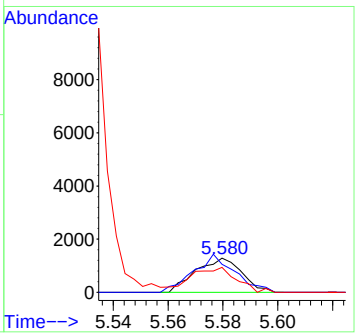


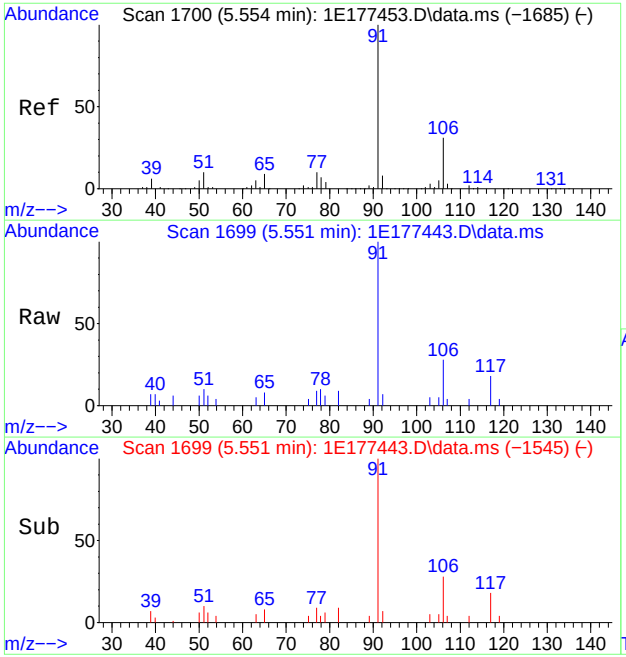


#86
1,1,1,2-tetrachloroethane
Concen: 0.99 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:131 Resp: 1510

Ion	Ratio	Lower	Upper
131	100		
133	82.0	64.5	124.5
119	72.8	33.5	93.5

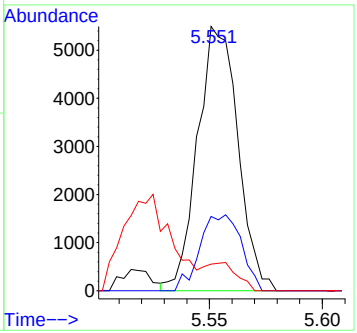


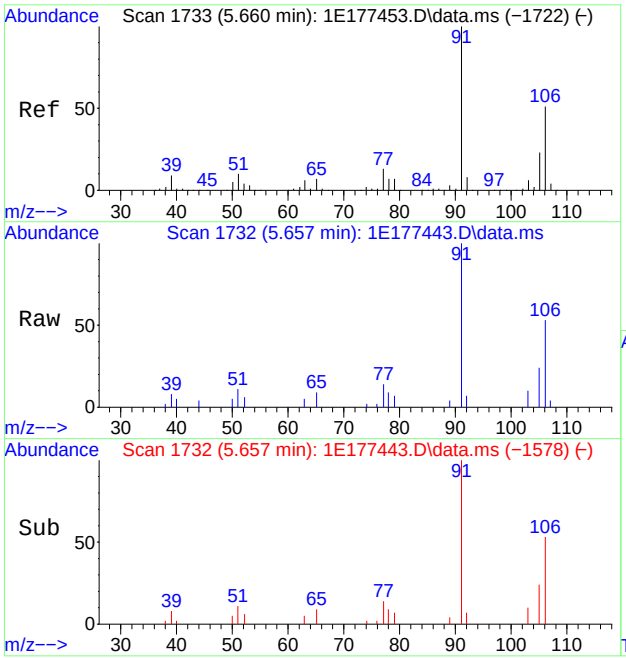


#87
ethylbenzene
Concen: 1.04 ug/L
RT: 5.551 min Scan# 1699
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 91 Resp: 6808

Ion	Ratio	Lower	Upper
91	100		
106	28.1	1.0	61.0
51	10.1	0.0	40.1

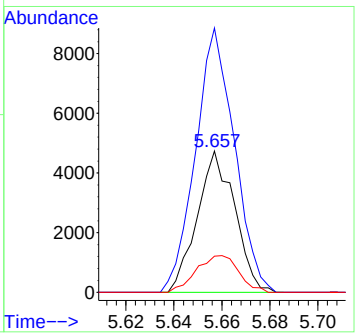


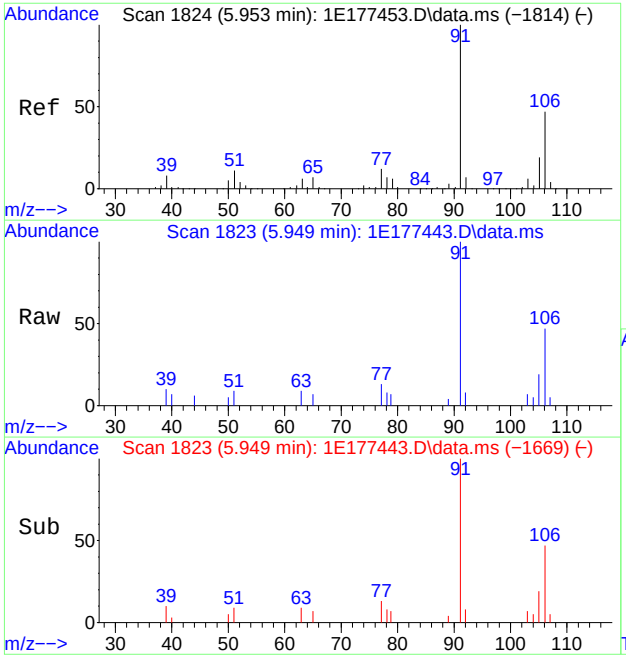


#88
m,p-xylene
Concen: 2.03 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:106 Resp: 5144

Ion	Ratio	Lower	Upper
106	100		
91	187.0	166.4	226.4
77	25.6	5.3	45.3

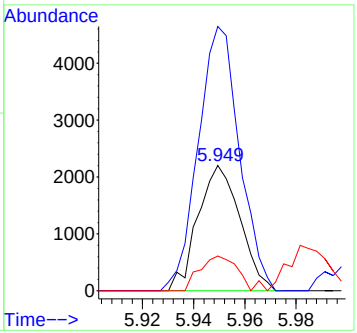


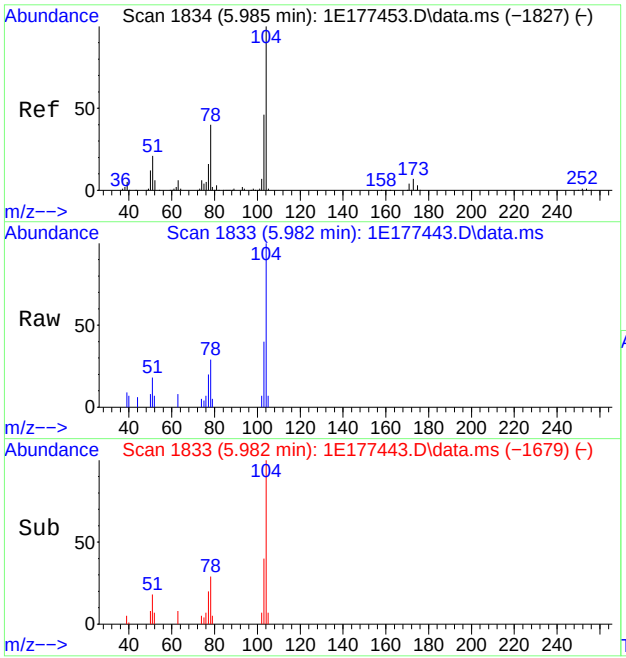


#89
o-xylene
Concen: 0.98 ug/L
RT: 5.949 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:106 Resp: 2522

Ion	Ratio	Lower	Upper
106	100		
91	211.1	184.0	244.0
77	27.7	6.6	46.6

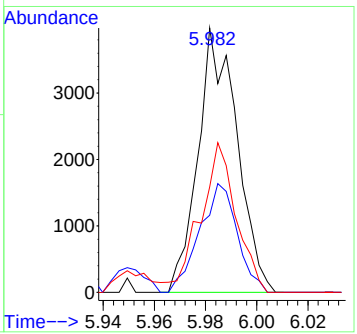


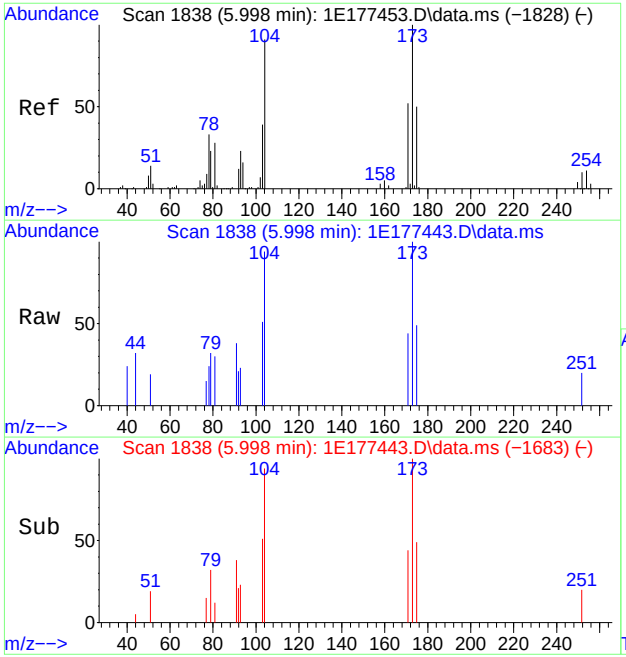


#90
styrene
Concen: 0.94 ug/L
RT: 5.982 min Scan# 1833
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:104 Resp: 4204

Ion	Ratio	Lower	Upper
104	100		
78	29.2	12.2	72.2
103	39.9	18.0	78.0

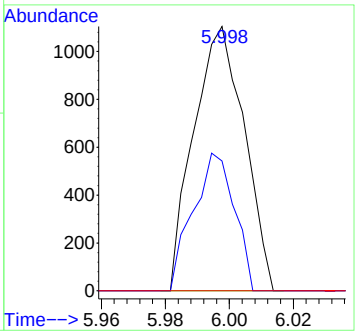


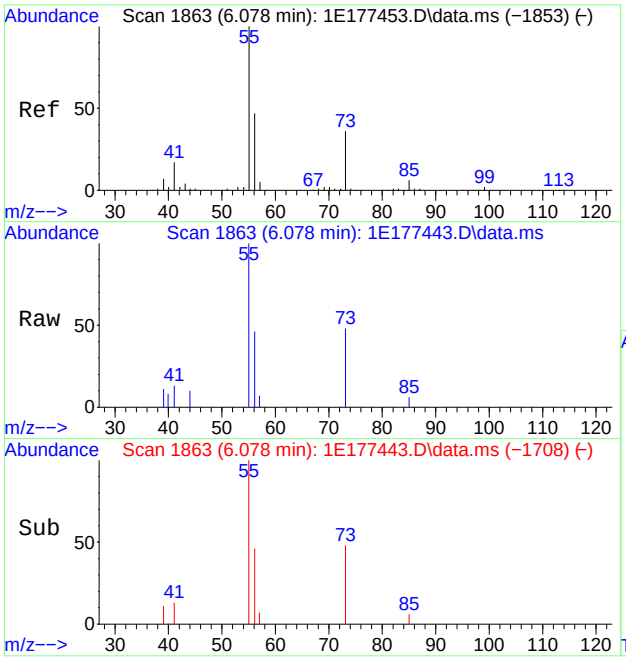


#91
bromoform
Concen: 0.92 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:173 Resp: 1210

Ion	Ratio	Lower	Upper
173	100		
175	49.1	20.2	80.2
254	0.0	0.0	40.9

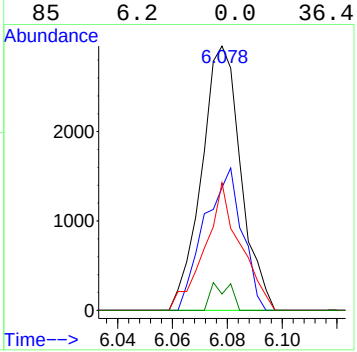


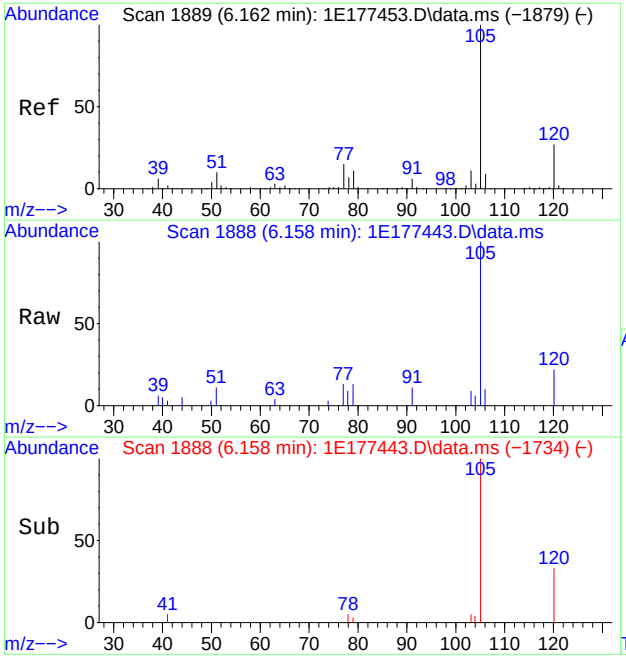


#92
butyl acrylate
Concen: 0.91 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 55 Resp: 2949

Ion	Ratio	Lower	Upper
55	100		
56	46.5	17.5	77.5
73	48.2	5.8	65.8
85	6.2	0.0	36.4

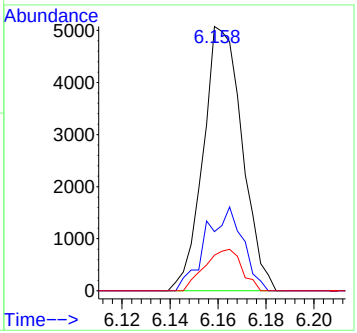


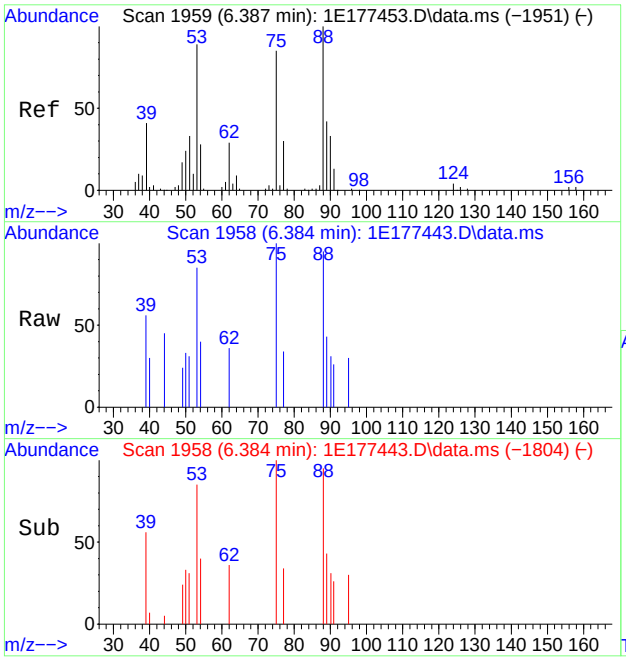


#93
isopropylbenzene
Concen: 0.88 ug/L
RT: 6.158 min Scan# 1888
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:105 Resp: 5728

Ion	Ratio	Lower	Upper
105	100		
120	22.4	6.8	46.8
77	13.5	0.0	34.9

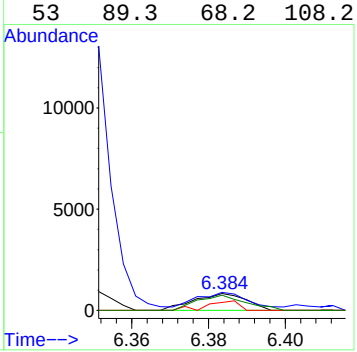


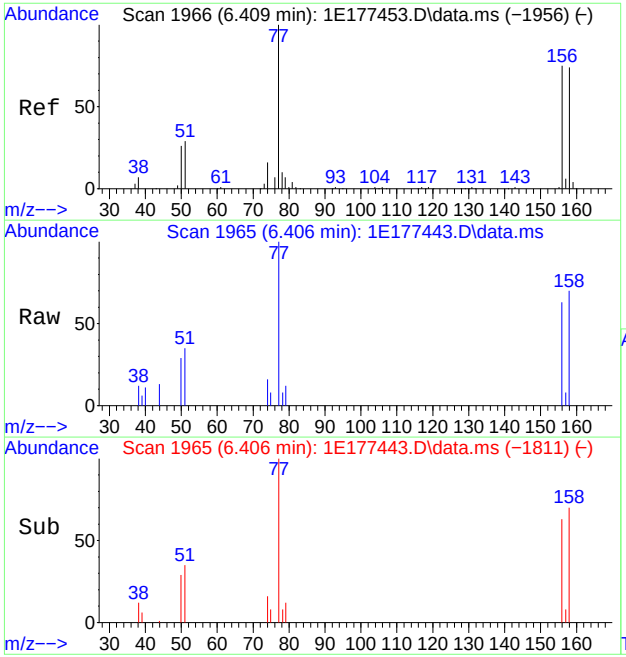


#94
cis-1,4-dichloro-2-butene
Concen: 0.82 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 88 Resp: 789

Ion	Ratio	Lower	Upper
88	100		
75	85.9	64.1	104.1
89	45.8	22.2	62.2
53	89.3	68.2	108.2

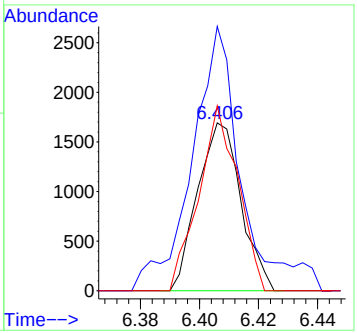


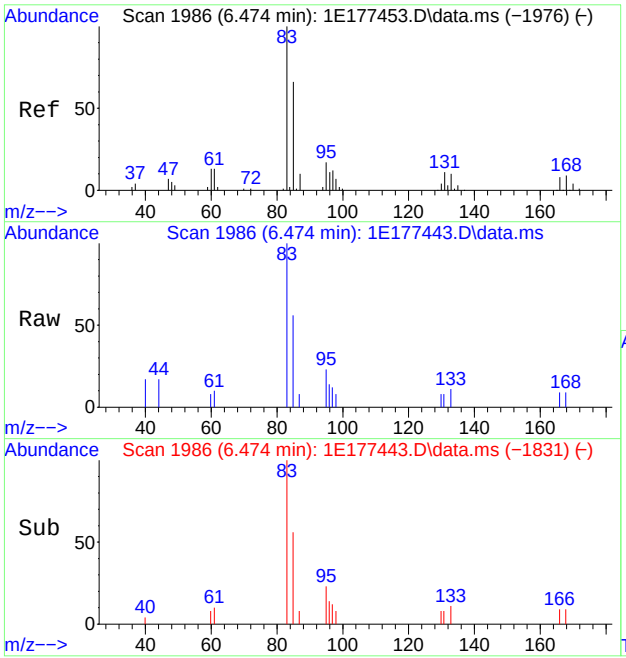


#97
bromobenzene
Concen: 1.00 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:156 Resp: 1724

Ion	Ratio	Lower	Upper
156	100		
77	141.3	106.4	166.4
158	110.3	68.2	128.2

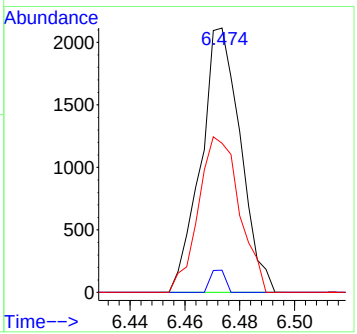


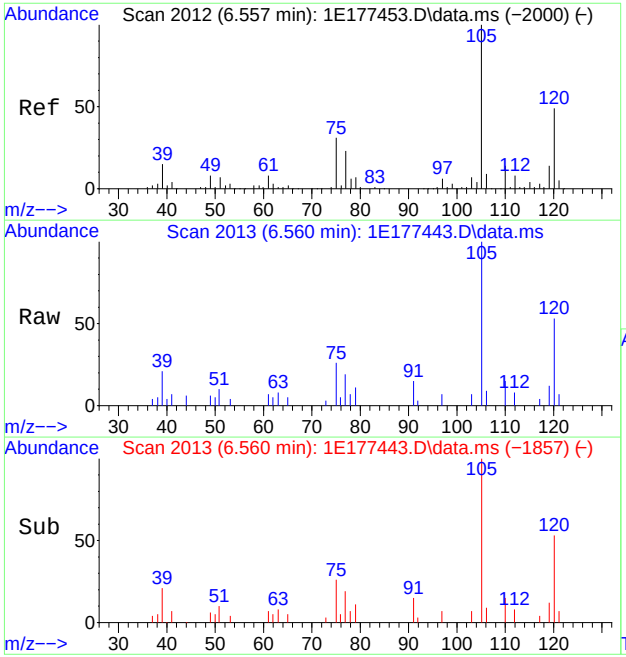


#98
1,1,2,2-tetrachloroethane
Concen: 0.99 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 83 Resp: 2116

Ion	Ratio	Lower	Upper
83	100		
131	8.4	0.0	41.0
85	56.4	36.4	96.4

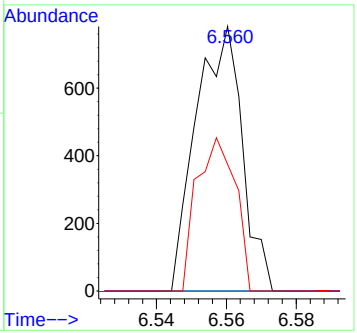


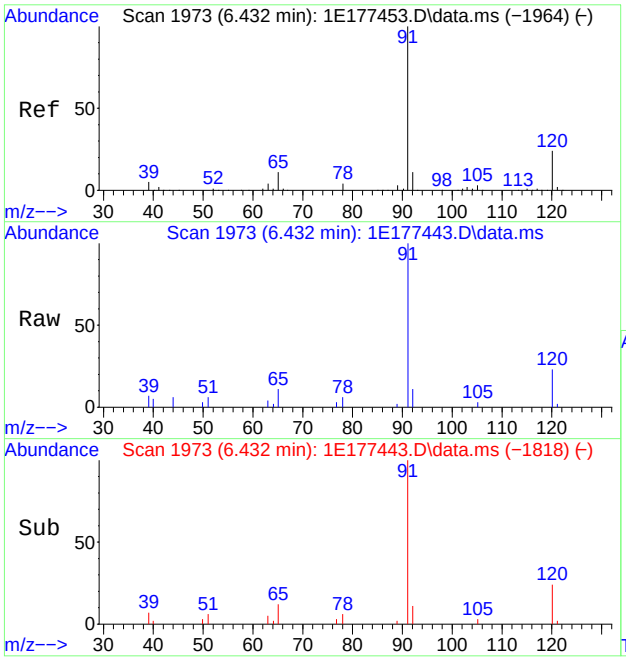


#100
1,2,3-trichloropropane
Concen: 0.88 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. 0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:110 Resp: 721

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	38.2
97	47.9	14.3	74.3

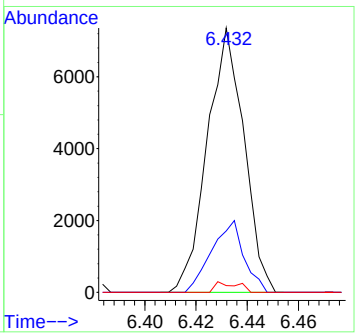


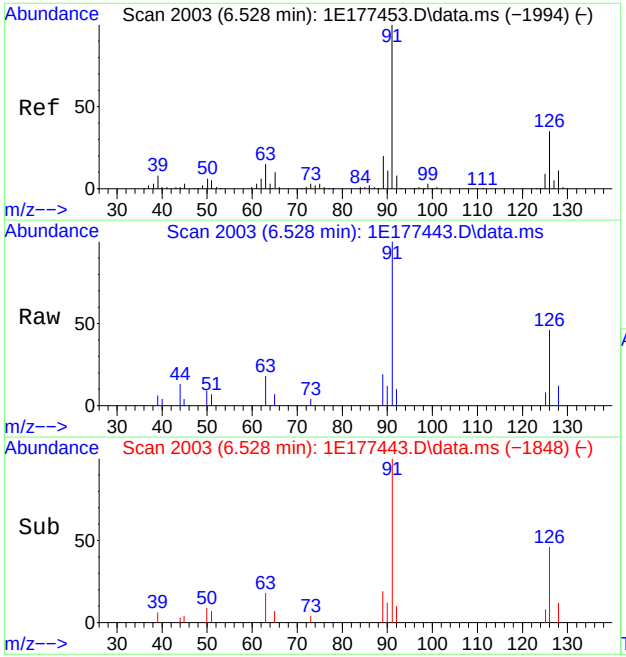


#101
n-propylbenzene
Concen: 0.92 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 91 Resp: 7326

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	53.6
105	2.5	0.0	33.5

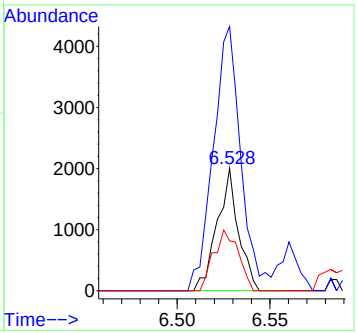


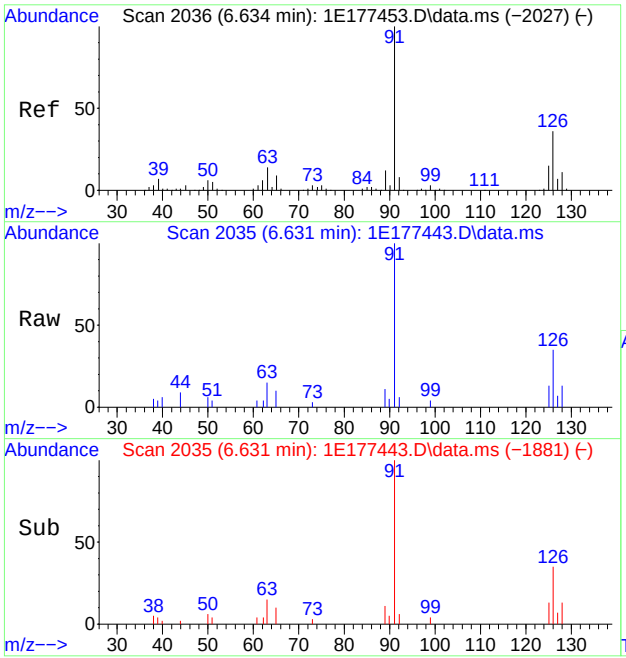


#102
2-chlorotoluene
Concen: 0.95 ug/L m
RT: 6.528 min Scan# 2003
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:126 Resp: 1610

Ion	Ratio	Lower	Upper
126	100		
91	215.7	257.7	317.7#
89	40.8	26.9	86.9

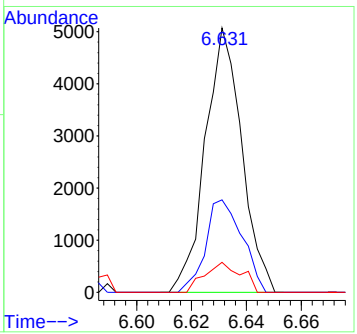


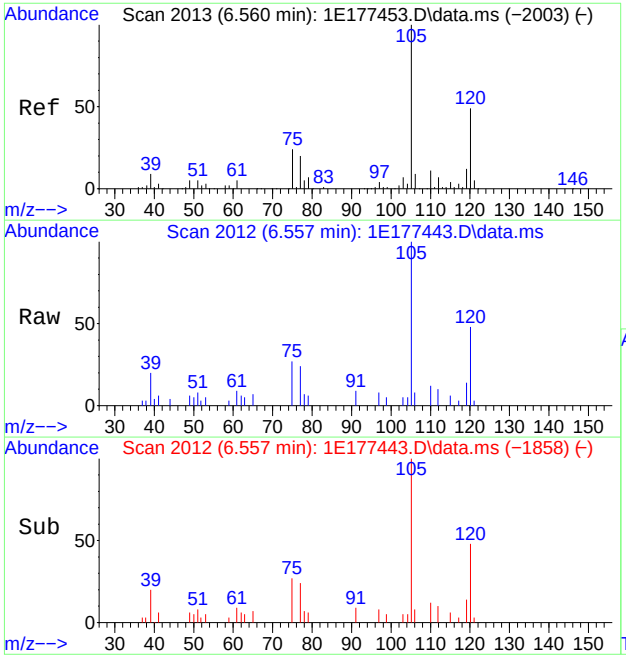


#103
4-chlorotoluene
Concen: 0.90 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion: 91 Resp: 4693

Ion	Ratio	Lower	Upper
91	100		
126	34.9	5.7	65.7
89	11.3	0.0	41.7

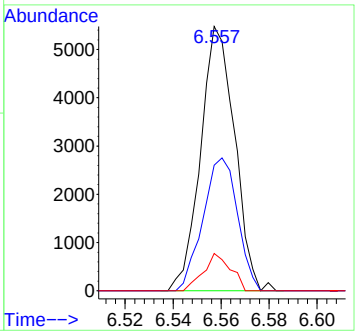


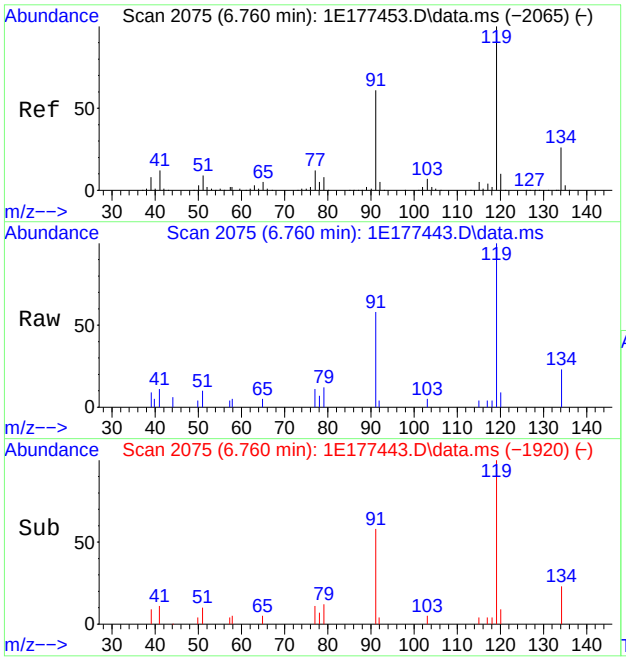


#104
1,3,5-trimethylbenzene
Concen: 0.94 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:105 Resp: 5395

Ion	Ratio	Lower	Upper
105	100		
120	47.5	18.8	78.8
119	14.1	0.0	42.5

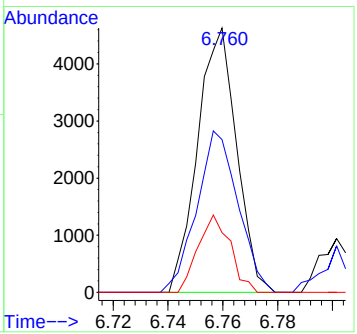


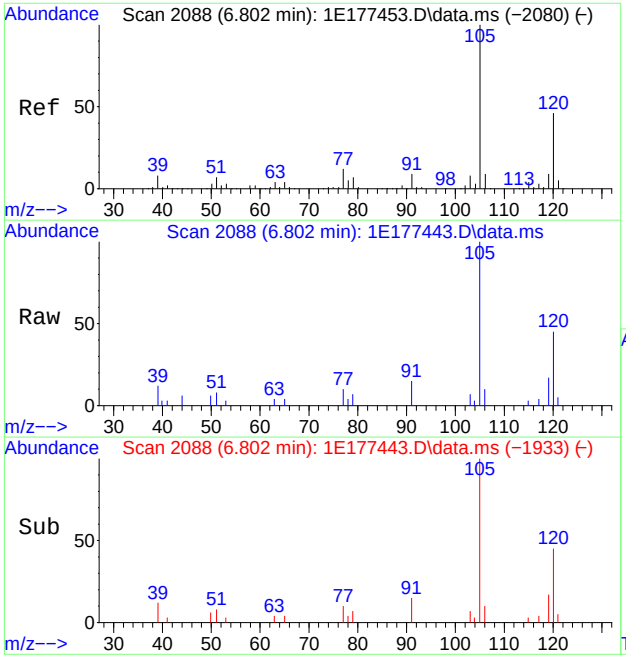


#105
tert-butylbenzene
Concen: 0.93 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:119 Resp: 4570

Ion	Ratio	Lower	Upper
119	100		
91	57.8	30.8	90.8
134	22.5	0.0	55.6

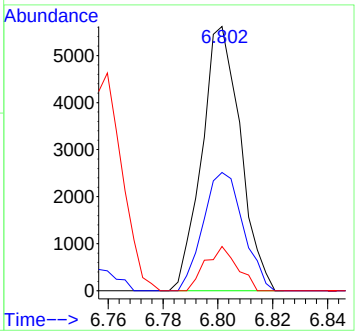


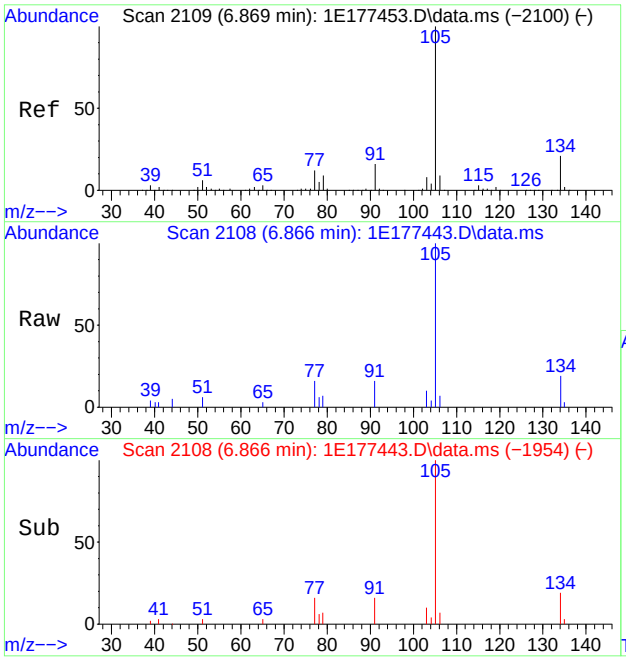


#106
1,2,4-trimethylbenzene
Concen: 0.96 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:105 Resp: 5493

Ion	Ratio	Lower	Upper
105	100		
120	44.8	16.7	76.7
119	16.8	0.0	42.3

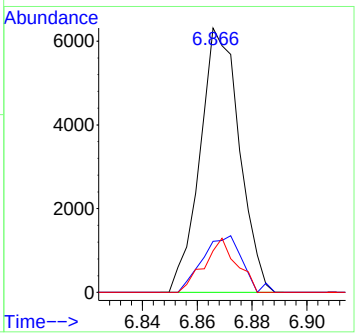


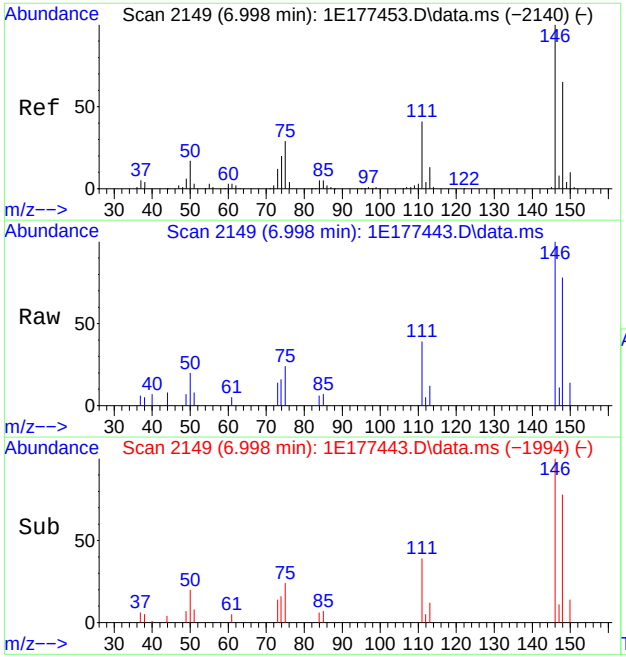


#107
sec-butylbenzene
Concen: 0.90 ug/L
RT: 6.866 min Scan# 2108
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:105 Resp: 6301

Ion	Ratio	Lower	Upper
105	100		
134	19.4	0.0	51.2
91	15.8	0.0	46.0

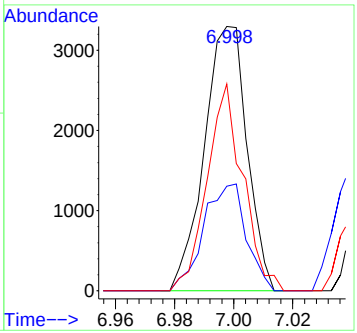


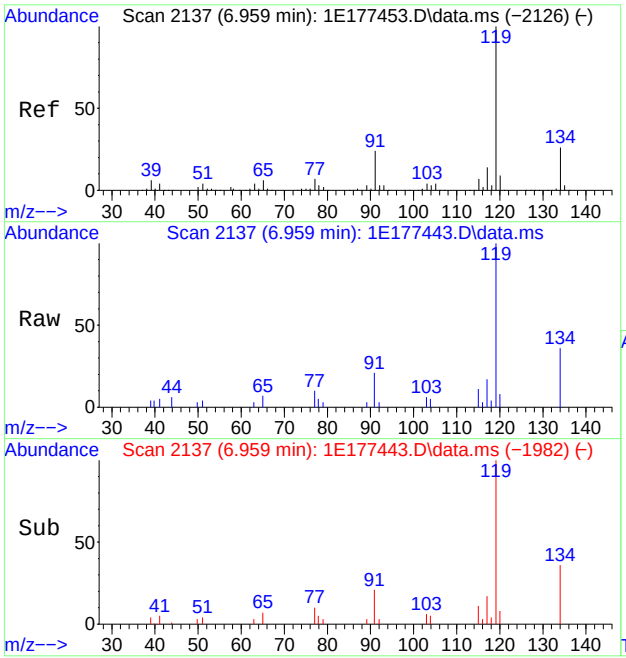


#108
1,3-dichlorobenzene
Concen: 1.01 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:146 Resp: 3316

Ion	Ratio	Lower	Upper
146	100		
111	39.5	11.3	71.3
148	78.3	34.9	94.9

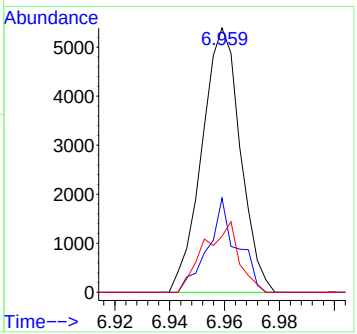


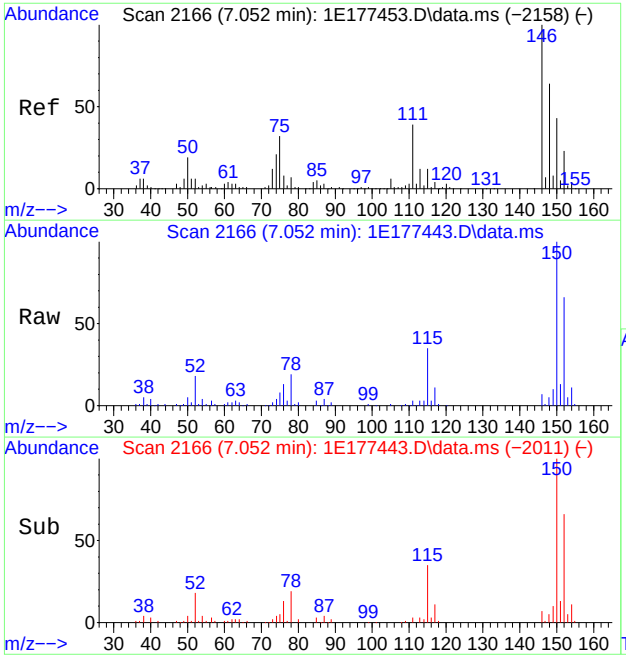


#109
p-isopropyltoluene
Concen: 0.93 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:119 Resp: 5256

Ion	Ratio	Lower	Upper
119	100		
134	35.6	0.0	56.2
91	21.3	0.0	53.6

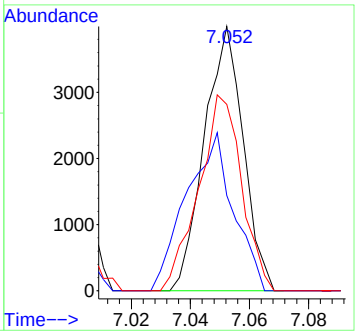


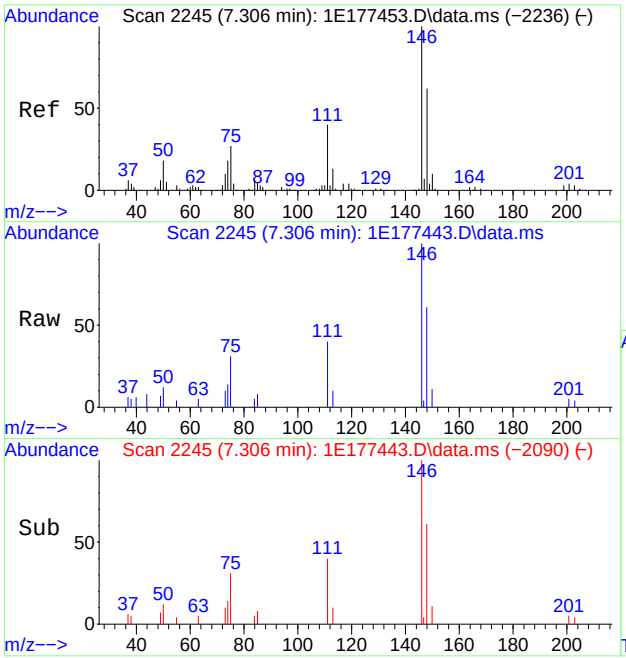


#110
1,4-dichlorobenzene
Concen: 0.96 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:146 Resp: 3646

Ion	Ratio	Lower	Upper
146	100		
111	36.1	9.4	69.4
148	70.5	34.4	94.4

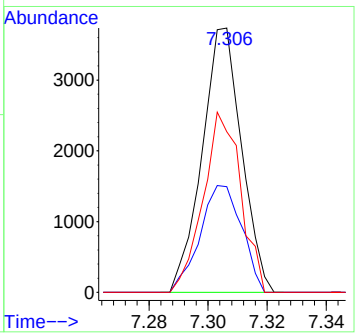


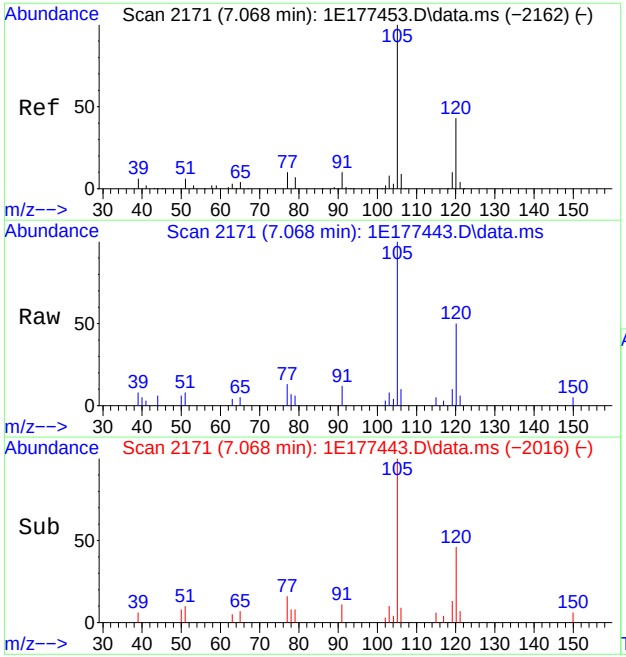


#111
1,2-dichlorobenzene
Concen: 1.03 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:146 Resp: 3477

Ion	Ratio	Lower	Upper
146	100		
111	40.0	10.1	70.1
148	60.7	31.9	91.9

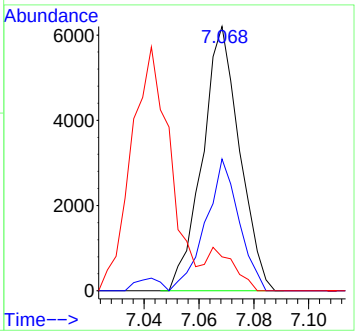


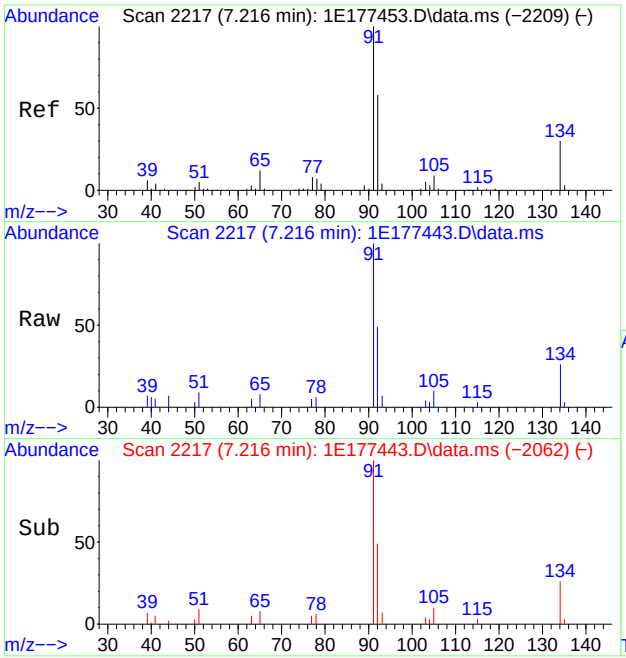


#112
1,2,3-trimethylbenzene
Concen: 0.99 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:105 Resp: 5838

Ion	Ratio	Lower	Upper
105	100		
120	49.8	13.3	73.3
77	12.9	0.0	41.9

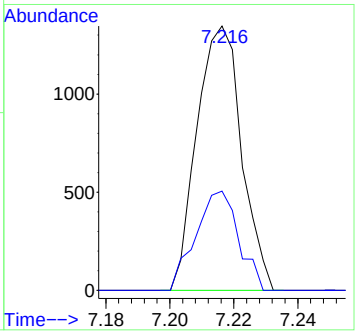


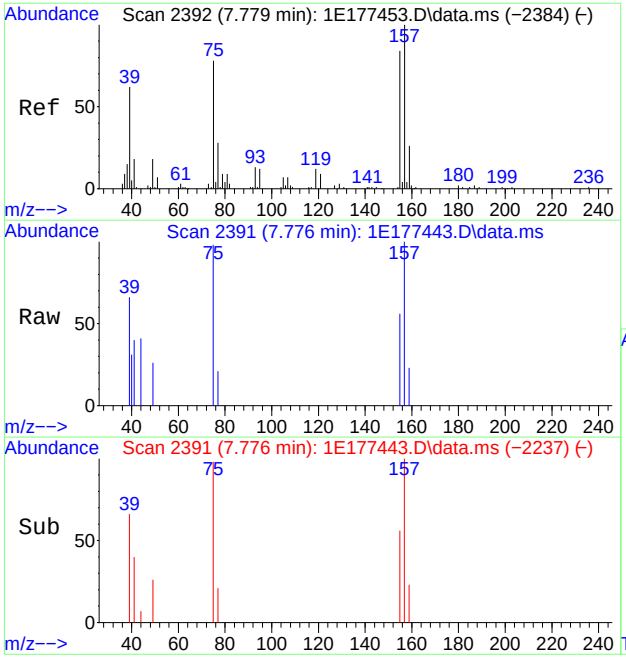


#113
n-butylbenzene
Concen: 0.95 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:134 Resp: 1305

Ion	Ratio	Lower	Upper
134	100		
105	37.6	0.7	60.7

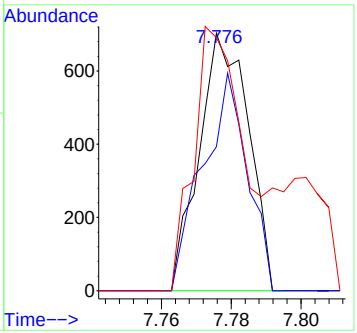


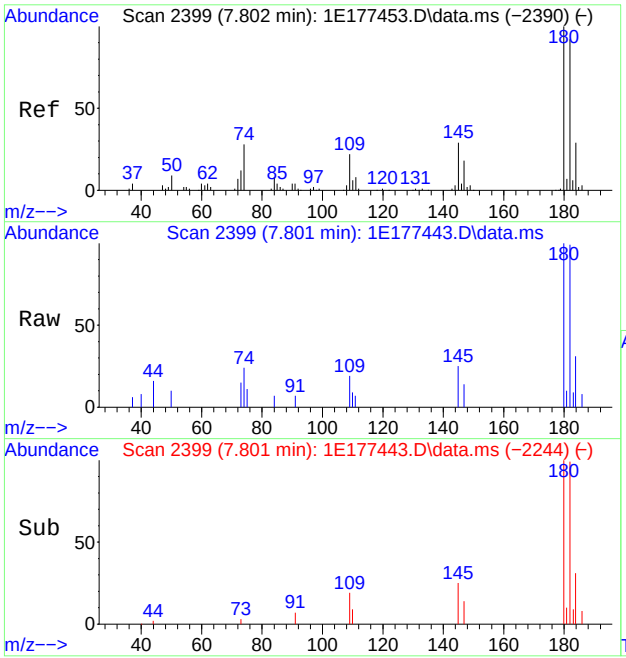


#114
1,2-dibromo-3-chloropropane
Concen: 0.91 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:157 Resp: 690

Ion	Ratio	Lower	Upper
157	100		
155	55.9	54.1	114.1
75	98.3	48.2	108.2

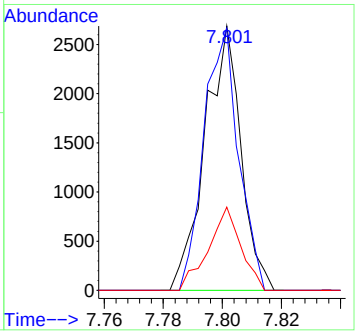


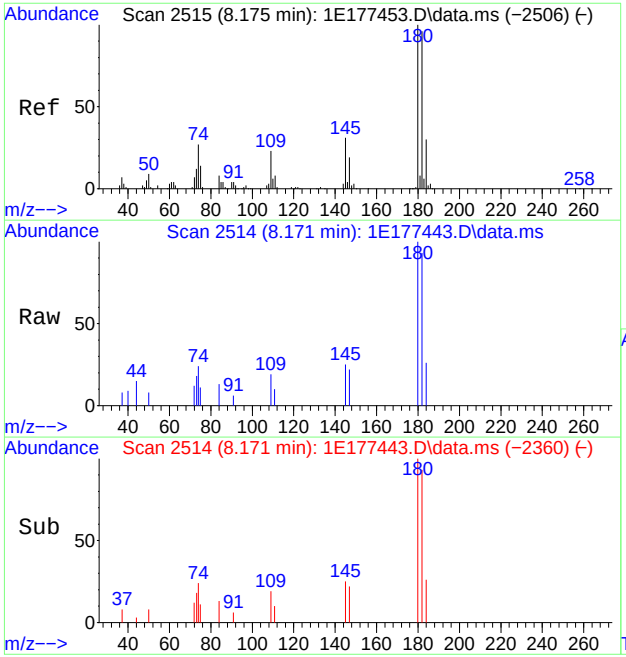


#115
1,3,5-trichlorobenzene
Concen: 0.99 ug/L
RT: 7.801 min Scan# 2399
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:180 Resp: 2272

Ion	Ratio	Lower	Upper
180	100		
182	99.1	71.6	111.6
184	31.5	9.2	49.2

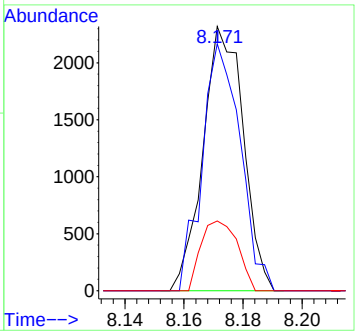


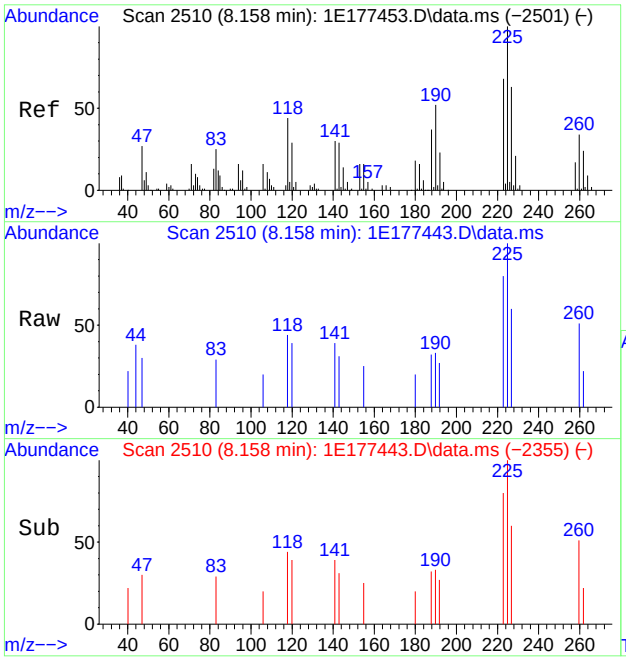


#116
1,2,4-trichlorobenzene
Concen: 0.99 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:180 Resp: 2193

Ion	Ratio	Lower	Upper
180	100		
182	93.4	65.8	125.8
184	26.4	0.0	59.9

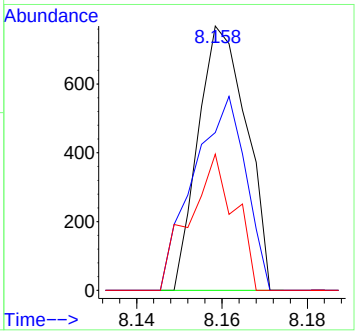


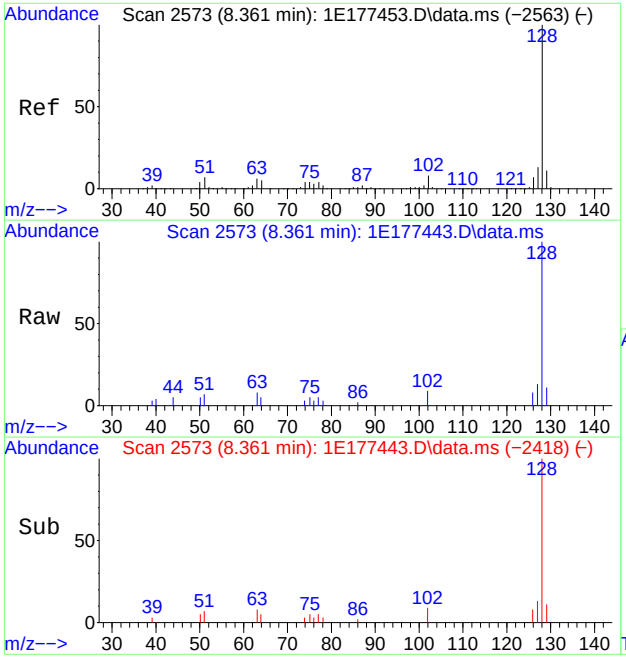


#117
hexachlorobutadiene
Concen: 0.70 ug/L
RT: 8.158 min Scan# 2510
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:225 Resp: 606

Ion	Ratio	Lower	Upper
225	100		
227	59.7	32.9	92.9
260	51.5	3.9	63.9

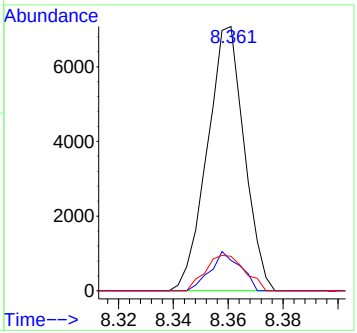


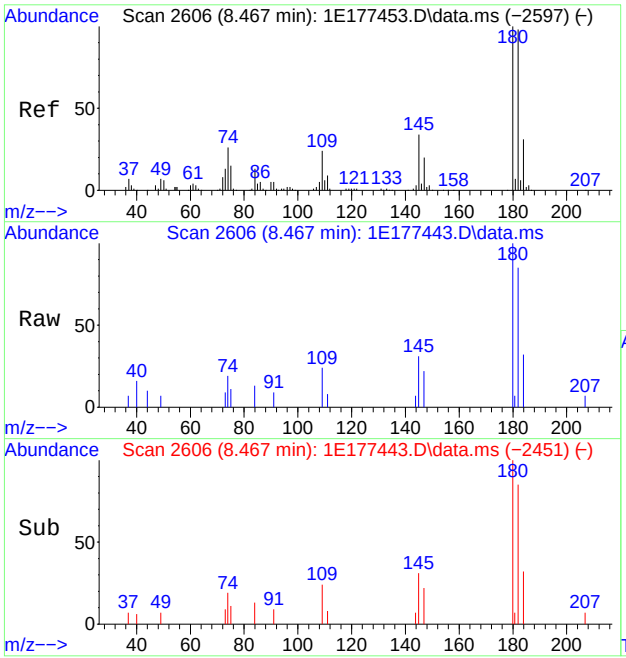


#118
naphthalene
Concen: 0.88 ug/L
RT: 8.361 min Scan# 2573
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:128 Resp: 6624

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	40.8
127	13.1	0.0	42.7

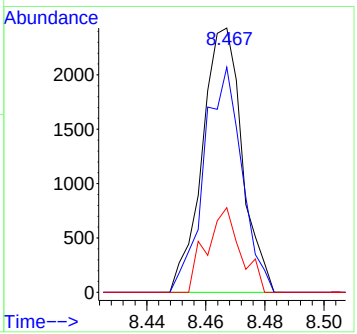


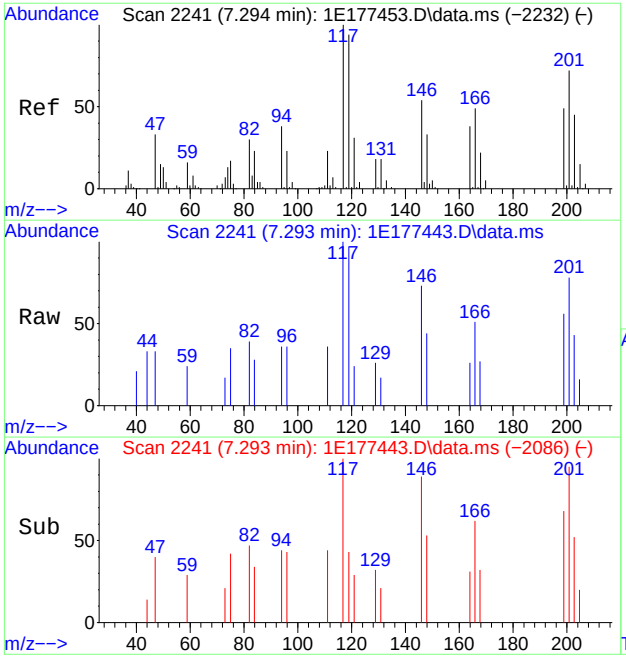


#119
1,2,3-trichlorobenzene
Concen: 1.13 ug/L
RT: 8.467 min Scan# 2606
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:180 Resp: 2279

Ion	Ratio	Lower	Upper
180	100		
182	85.2	67.6	127.6
184	32.0	1.0	61.0

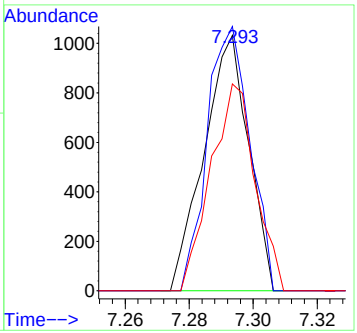


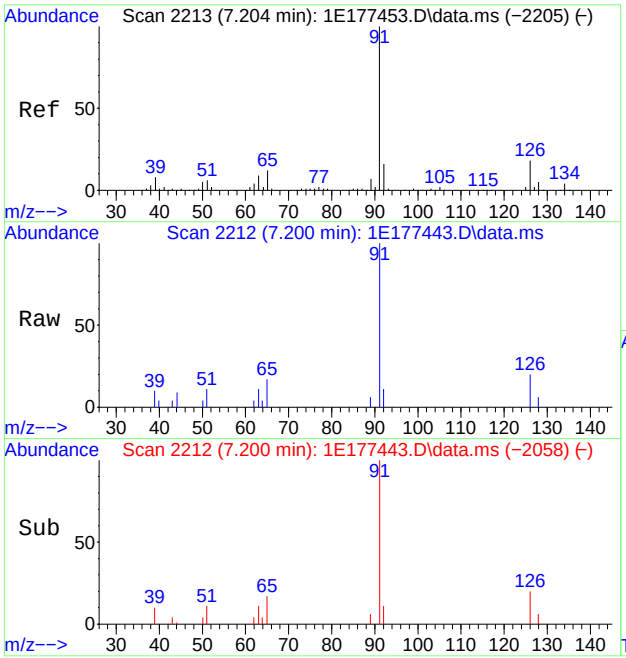


#120
hexachloroethane
Concen: 0.94 ug/L
RT: 7.293 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:119 Resp: 1003

Ion	Ratio	Lower	Upper
119	100		
117	103.6	75.9	135.9
201	81.0	46.7	106.7

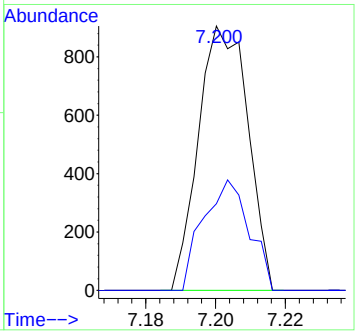


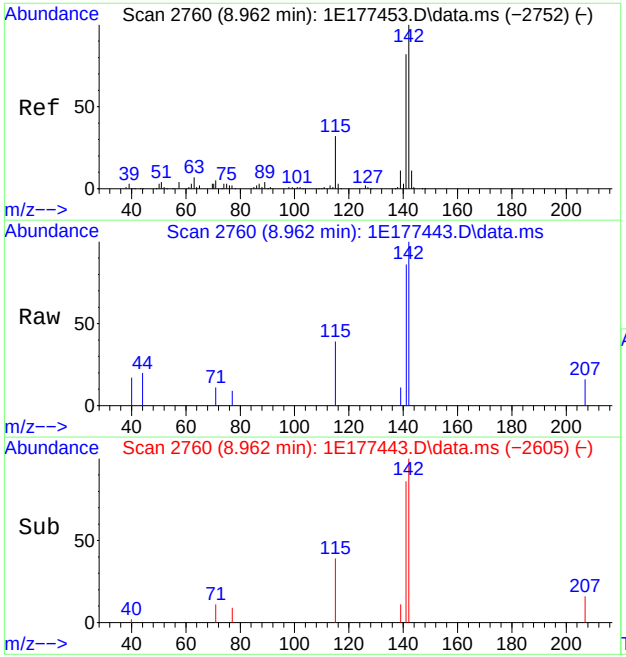


#121
benzyl chloride
Concen: 1.02 ug/L
RT: 7.200 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:126 Resp: 891

Ion	Ratio	Lower	Upper
126	100		
128	32.8	0.9	60.9

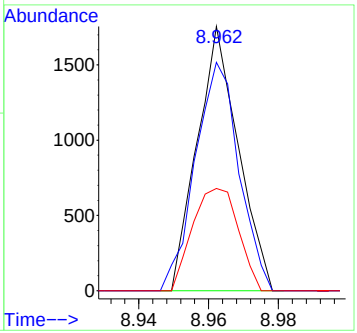




#122
2-methylnaphthalene
Concen: 0.44 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. -0.000 min
Lab File: 1E177443.D
Acq: 26 Oct 2023 05:14 pm

Tgt Ion:142 Resp: 1434

Ion	Ratio	Lower	Upper
142	100		
141	86.3	52.4	112.4
115	38.7	2.0	62.0



7.6.3

7

Manual Integration Approval Summary

Sample Number: V1E8736-IC8736
Lab FileID: 1E177443.D
Injection Time: 10/26/23 17:14
Method: SW846 8260D
Analyst approved: 10/30/23 11:16 MoHui Huang
Supervisor approved: 10/30/23 21:10 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
o-Chlorotoluene	95-49-8		6.53	Missed peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177445.D
Acq On : 26 Oct 2023 05:41 pm
Operator : louied
Sample : ic8736-2
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 27 17:25:34 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	82692	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	111654	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.422	114	236956	50.00	ug/L		0.00
72) chlorobenzene-d5	5.519	117	213394	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	118359	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	74968	48.71	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 97.42%				
51) 1,2-dichloroethane-d4 (s)	3.143	65	80139	50.12	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.24%				
73) toluene-d8 (s)	4.358	98	264103	49.58	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.16%				
96) 4-bromofluorobenzene (s)	6.342	95	103469	49.56	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.12%				
Target Compounds							Qvalue
2) ethanol	1.654	45	2874	189.29	ug/L		93
3) tertiary butyl alcohol	2.111	59	2382	9.23	ug/L		81
6) chlorodifluoromethane	1.088	51	3135	1.99	ug/L		85
7) dichlorodifluoromethane	1.046	85	4405	2.27	ug/L		91
8) chloromethane	1.165	50	2029	1.72	ug/L		82
9) vinyl chloride	1.188	62	3053	2.61	ug/L		89
10) 1,3-butadiene	1.197	39	2661	2.12	ug/L		84
11) bromomethane	1.345	96	443	1.03	ug/L	#	80
12) chloroethane	1.403	64	2070	2.56	ug/L		93
13) trichlorofluoromethane	1.471	101	5000	2.46	ug/L		95
14) ethyl ether	1.596	74	1510	2.10	ug/L	#	71
16) freon 113	1.712	151	2039	2.18	ug/L		94
17) 1,1-dichloroethene	1.702	61	3393	1.94	ug/L		95
18) acetone	1.976	58	2712	7.66	ug/L		92
21) carbon disulfide	1.731	76	6606	2.06	ug/L		97
22) methylene chloride	1.966	84	2615	1.95	ug/L		95
23) methyl acetate	2.030	74	721	2.27	ug/L		94
24) methyl tert butyl ether	2.082	73	8702	2.15	ug/L		93
25) trans-1,2-dichloroethene	2.040	61	3482	2.14	ug/L		89
26) hexane	2.075	57	6072	2.05	ug/L		93
27) di-isopropyl ether	2.255	45	8234	1.99	ug/L		98
28) ethyl tert-butyl ether	2.435	59	9154	2.10	ug/L		97
29) 2-butanone	2.902	72	2966	8.52	ug/L		92
30) 1,1-dichloroethane	2.332	63	4843	2.04	ug/L		96
31) chloroprene	2.320	53	4157	1.97	ug/L		96
32) acrylonitrile	2.352	52	1040	1.87	ug/L		73
33) vinyl acetate	2.442	86	605	2.39	ug/L	#	46
34) ethyl acetate	2.792	70	373	1.56	ug/L		81
35) 2,2-dichloropropane	2.664	77	4081	1.99	ug/L		93
36) cis-1,2-dichloroethene	2.603	96	3191	2.21	ug/L		96
37) propionitrile	3.072	54	6313	20.33	ug/L		95
38) methyl acrylate	2.802	85	557	1.62	ug/L	#	38
39) bromochloromethane	2.712	128	1574	2.08	ug/L		87
40) tetrahydrofuran	2.837	71	555	2.10	ug/L		91
41) chloroform	2.741	47	1592	2.05	ug/L		89
43) methacrylonitrile	3.088	67	1943	2.42	ug/L	#	75
44) 1,1,1-trichloroethane	2.863	97	4914	2.19	ug/L		89
45) cyclohexane	2.718	84	4479	2.41	ug/L		98
46) 1,1-dichloropropene	2.934	75	3711	2.08	ug/L		98
47) carbon tetrachloride	2.824	117	4469	2.01	ug/L		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177445.D
Acq On : 26 Oct 2023 05:41 pm
Operator : louied
Sample : ic8736-2
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 27 17:25:34 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) tert-amyl alcohol	3.220	55	1022	10.70	ug/L	#	53
52) iso-octane	2.982	57	8693	2.04	ug/L		94
53) benzene	3.069	78	11065	2.14	ug/L		90
54) tert-amyl methyl ether	3.123	73	8801	2.07	ug/L		87
55) heptane	3.037	57	1596	1.93	ug/L	#	78
56) isopropyl acetate	3.307	87	829	1.79	ug/L	#	76
57) 1,2-dichloroethane	3.181	62	4540	2.07	ug/L		98
58) n-butyl alcohol	3.586	56	5792	109.73	ug/L		90
59) ethyl acrylate	3.738	55	4678	1.87	ug/L		88
60) trichloroethene	3.413	130	3096	1.95	ug/L		96
61) 2-nitropropane	4.564	41	1746	2.33	ug/L		79
62) 2-chloroethyl vinyl ether	4.168	63	8192	9.86	ug/L		95
63) methyl methacrylate	3.879	100	1142	2.21	ug/L	#	55
64) 1,2-dichloropropane	3.744	63	2715	2.03	ug/L		87
65) methylcyclohexane	3.419	98	2208	1.88	ug/L	#	20
66) dibromomethane	3.680	93	2155	2.04	ug/L		97
67) bromodichloromethane	3.783	83	4044	2.04	ug/L		97
68) epichlorohydrin	4.397	57	2605	10.89	ug/L		85
69) cis-1,3-dichloropropene	4.220	75	4779	2.04	ug/L		91
70) 4-methyl-2-pentanone	4.676	58	6647	8.42	ug/L		95
71) 3-methyl-1-butanol	4.509	70	2508	42.66	ug/L	#	81
74) toluene	4.400	92	7202	2.13	ug/L		94
75) ethyl methacrylate	4.837	69	3963	1.92	ug/L		92
76) trans-1,3-dichloropropene	4.709	75	4549	2.08	ug/L		93
77) 1,1,2-trichloroethane	4.837	83	2457	1.97	ug/L		95
78) tetrachloroethene	4.696	166	3474	2.12	ug/L		90
79) 2-hexanone	5.316	58	8509	8.81	ug/L		97
80) 1,3-dichloropropane	5.043	76	4691	2.02	ug/L		93
81) butyl acetate	5.252	56	2432	2.05	ug/L		87
82) dibromochloromethane	4.972	129	3761	2.09	ug/L		95
83) 1,2-dibromoethane	5.149	107	3066	1.99	ug/L		85
84) n-butyl ether	5.477	57	11520	2.08	ug/L		96
85) chlorobenzene	5.532	112	8402	2.10	ug/L		91
86) 1,1,1,2-tetrachloroethane	5.580	131	3194	2.12	ug/L		89
87) ethylbenzene	5.557	91	13466	2.05	ug/L		96
88) m,p-xylene	5.660	106	11356	4.50	ug/L		91
89) o-xylene	5.950	106	5358	2.11	ug/L		88
90) styrene	5.985	104	8747	2.02	ug/L		92
91) bromoform	5.998	173	2567	2.02	ug/L		94
92) butyl acrylate	6.078	55	6626	2.10	ug/L		95
93) isopropylbenzene	6.162	105	12655	2.04	ug/L		97
94) cis-1,4-dichloro-2-butene	6.381	88	1659	1.90	ug/L		81
97) bromobenzene	6.406	156	3530	2.08	ug/L		88
98) 1,1,2,2-tetrachloroethane	6.474	83	4379	2.08	ug/L		96
99) trans-1,4-dichloro-2-b...	6.583	53	1330	1.67	ug/L		92
100) 1,2,3-trichloropropane	6.554	110	1661	2.19	ug/L		96
101) n-propylbenzene	6.432	91	15673	2.05	ug/L		97
102) 2-chlorotoluene	6.525	126	3413	2.08	ug/L		97
103) 4-chlorotoluene	6.631	91	10207	2.05	ug/L		98
104) 1,3,5-trimethylbenzene	6.561	105	10928	1.97	ug/L		91
105) tert-butylbenzene	6.757	119	9835	2.08	ug/L		94
106) 1,2,4-trimethylbenzene	6.799	105	11893	2.13	ug/L		92
107) sec-butylbenzene	6.869	105	13835	2.07	ug/L		100
108) 1,3-dichlorobenzene	6.995	146	6858	2.11	ug/L		89
109) p-isopropyltoluene	6.956	119	11769	2.15	ug/L		95
110) 1,4-dichlorobenzene	7.053	146	7329	1.99	ug/L		94
111) 1,2-dichlorobenzene	7.307	146	6904	2.06	ug/L		90
112) 1,2,3-trimethylbenzene	7.069	105	12619	2.17	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177445.D
Acq On : 26 Oct 2023 05:41 pm
Operator : louied
Sample : ic8736-2
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 27 17:25:34 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
113) n-butylbenzene	7.213	134	2793	2.10	ug/L	97
114) 1,2-dibromo-3-chloropr...	7.779	157	1512	2.12	ug/L	95
115) 1,3,5-trichlorobenzene	7.799	180	4680	2.08	ug/L	92
116) 1,2,4-trichlorobenzene	8.175	180	4315	1.98	ug/L	91
117) hexachlorobutadiene	8.159	225	1522	2.10	ug/L	79
118) naphthalene	8.358	128	14386	2.00	ug/L	95
119) 1,2,3-trichlorobenzene	8.464	180	4149	2.02	ug/L	93
120) hexachloroethane	7.294	119	2068	2.00	ug/L	88
121) benzyl chloride	7.200	126	1772	2.04	ug/L	93
122) 2-methylnaphthalene	8.962	142	3314	1.08	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177445.D
Acq On : 26 Oct 2023 05:41 pm
Operator : louied
Sample : ic8736-2
Misc : MS73856,V1E8736,5,,,,1
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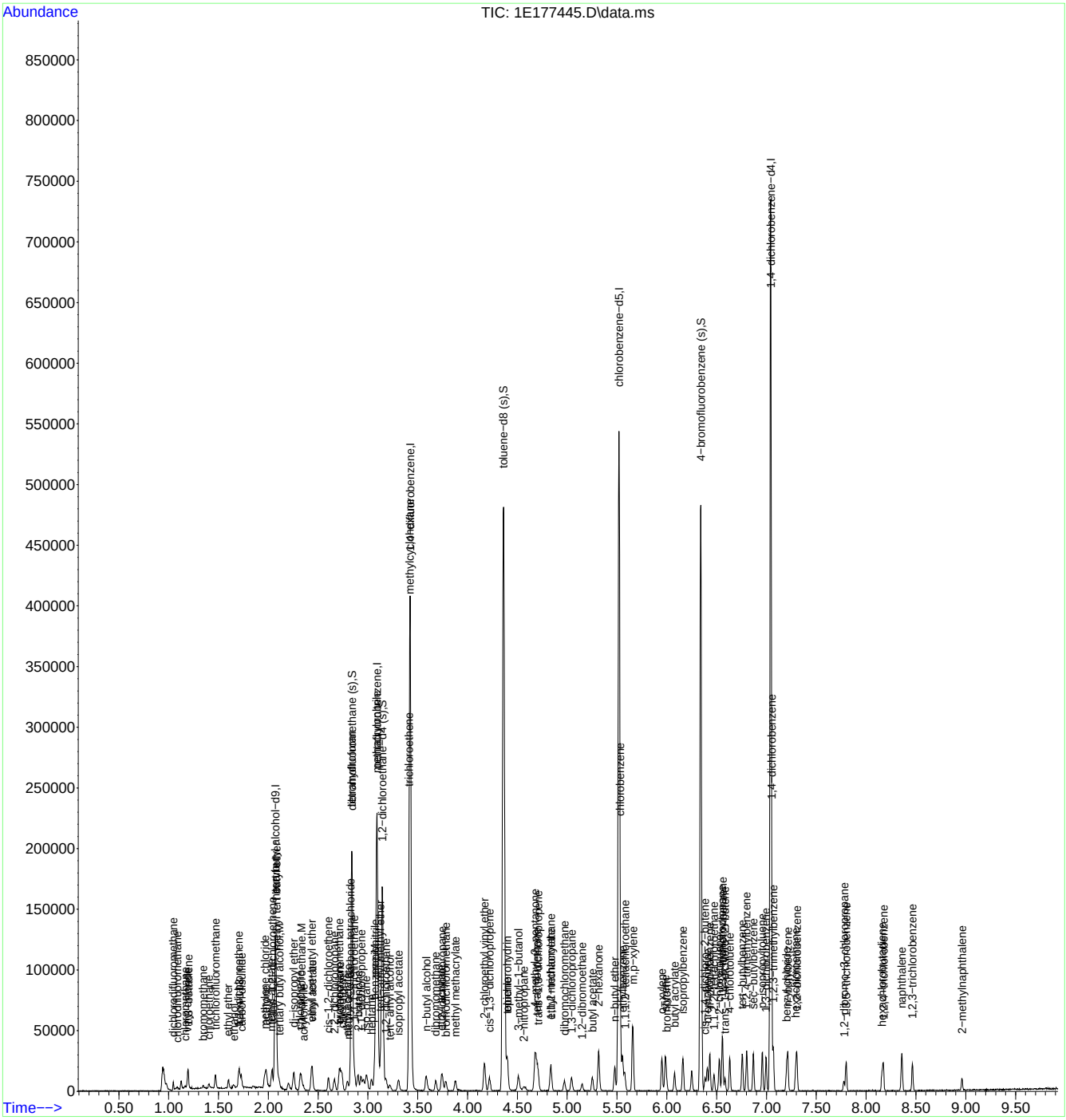
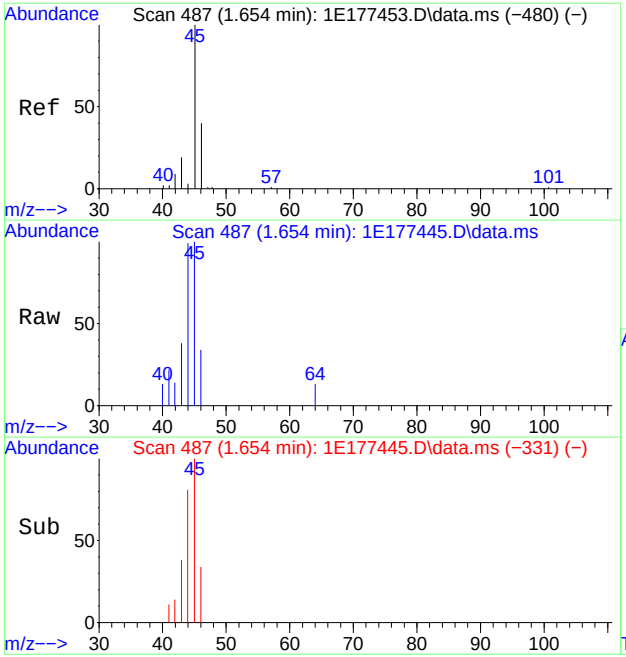
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

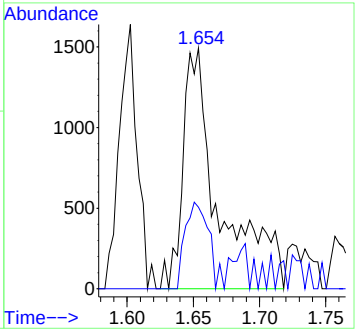


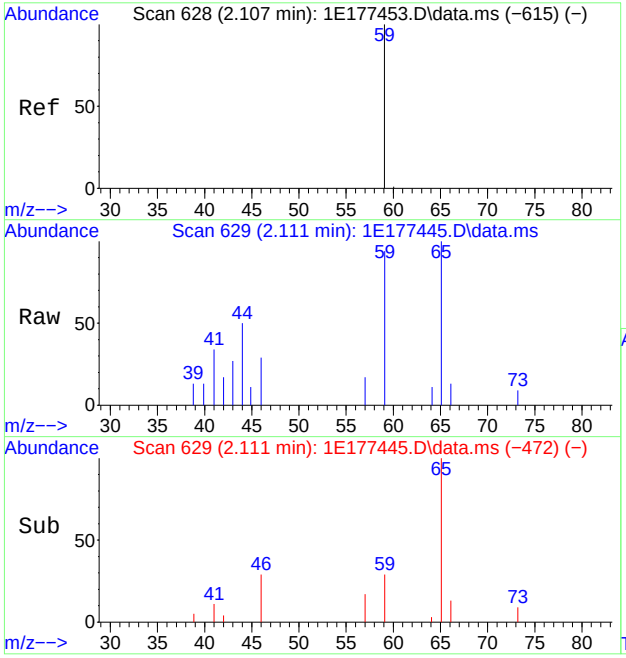


#2
ethanol
Concen: 189.29 ug/L
RT: 1.654 min Scan# 487
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 45 Resp: 2874

Ion	Ratio	Lower	Upper
45	100		
46	33.9	18.1	58.1

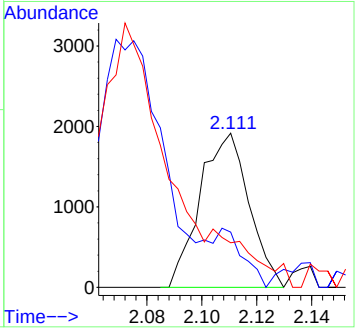


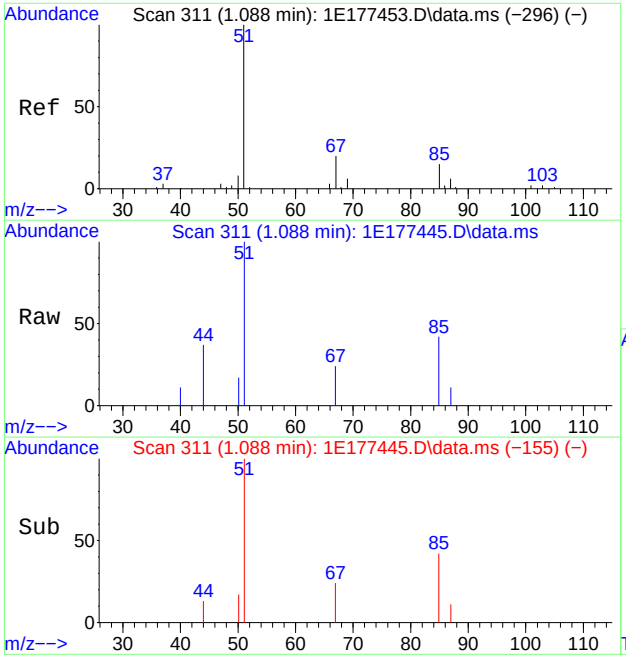


#3
tertiary butyl alcohol
Concen: 9.23 ug/L
RT: 2.111 min Scan# 629
Delta R.T. 0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 59 Resp: 2382

Ion	Ratio	Lower	Upper
59	100		
41	24.2	0.0	30.0
43	13.5	0.0	52.8

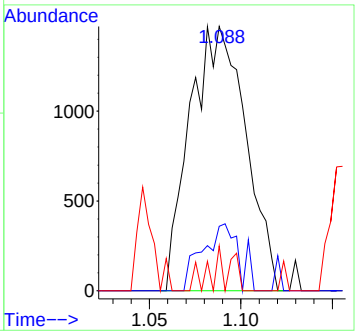


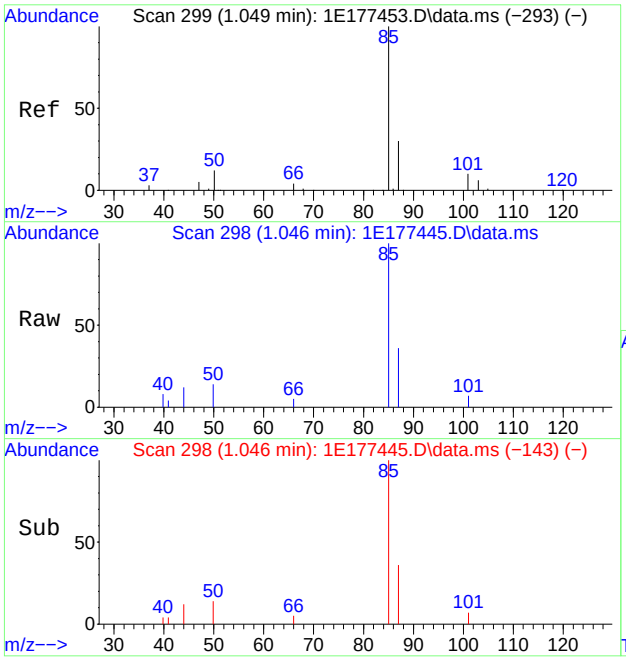


#6
chlorodifluoromethane
Concen: 1.99 ug/L
RT: 1.088 min Scan# 311
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 51 Resp: 3135

Ion	Ratio	Lower	Upper
51	100		
67	24.5	0.0	49.5
50	17.0	0.0	38.4

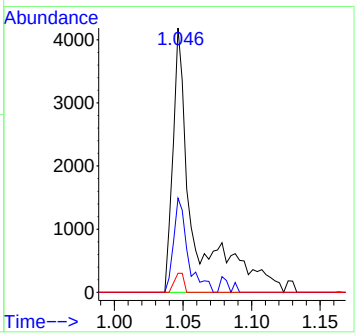


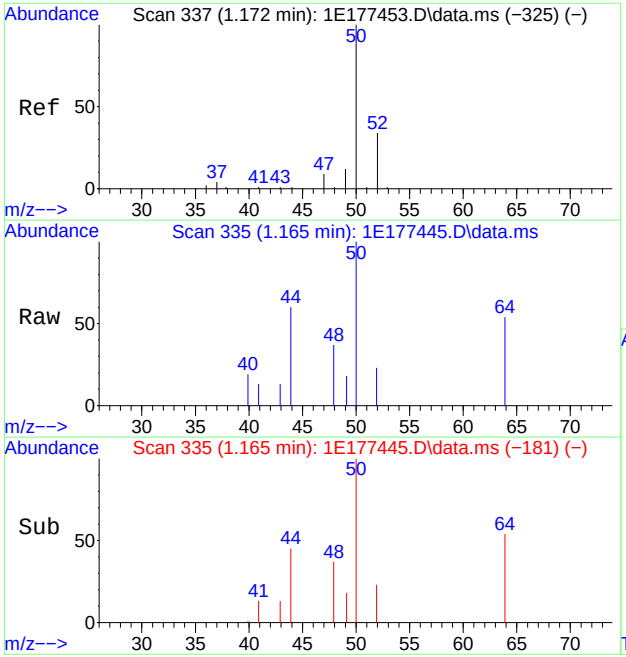


#7
dichlorodifluoromethane
Concen: 2.27 ug/L
RT: 1.046 min Scan# 298
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 85 Resp: 4405

Ion	Ratio	Lower	Upper
85	100		
87	35.6	0.4	60.4
101	7.2	0.0	39.9

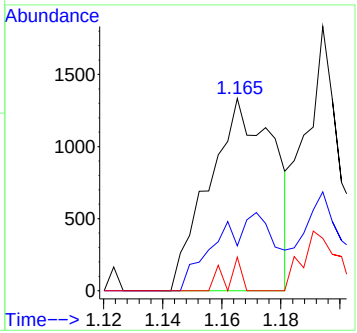


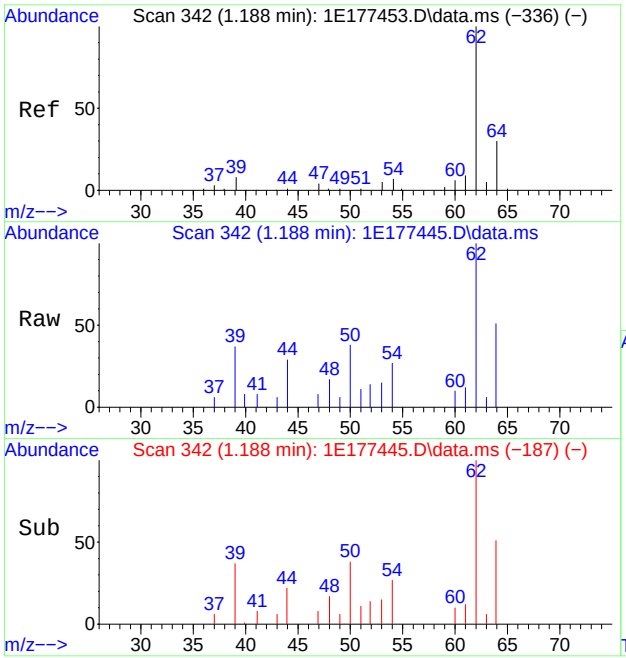


#8
chloromethane
Concen: 1.72 ug/L
RT: 1.165 min Scan# 335
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 50 Resp: 2029

Ion	Ratio	Lower	Upper
50	100		
52	23.4	4.4	64.4
49	17.5	0.0	42.1

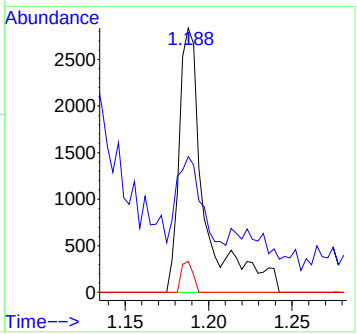


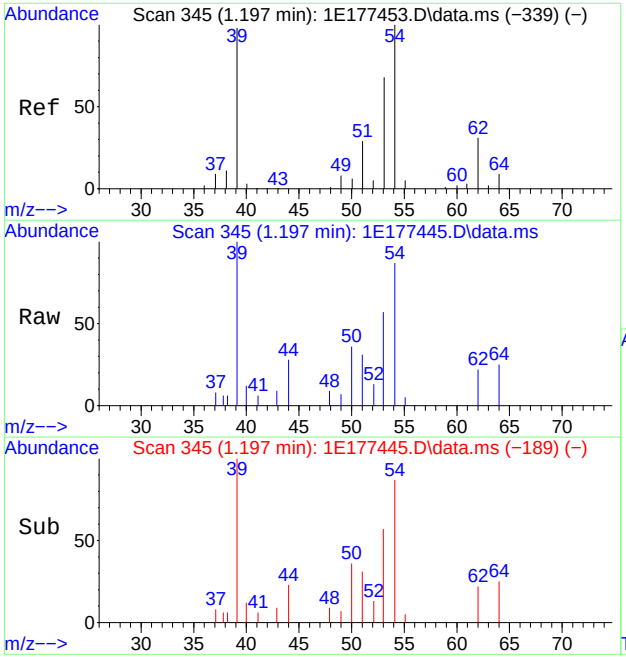


#9
vinyl chloride
Concen: 2.61 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 62 Resp: 3053

Ion	Ratio	Lower	Upper
62	100		
64	37.7	0.7	60.7
61	11.7	0.0	39.5

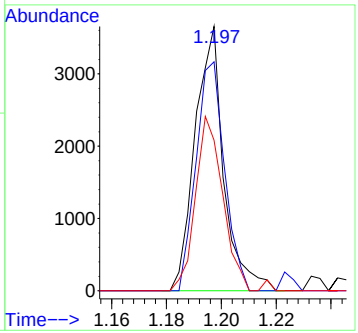


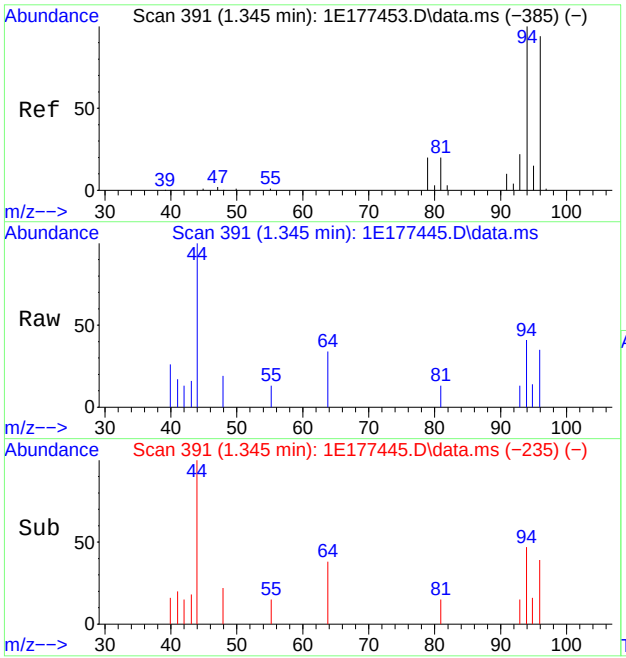


#10
1,3-butadiene
Concen: 2.12 ug/L
RT: 1.197 min Scan# 345
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 39 Resp: 2661

Ion	Ratio	Lower	Upper
39	100		
54	86.6	72.3	132.3
53	56.9	39.8	99.8

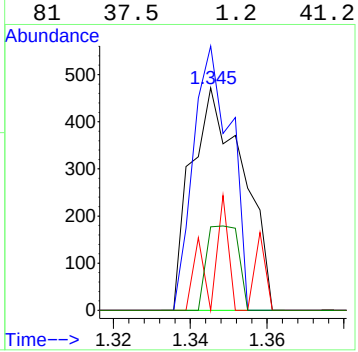


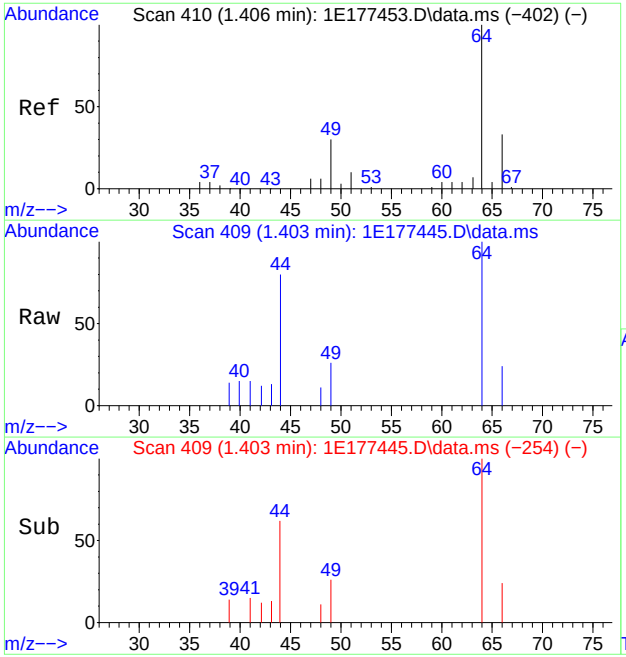


#11
bromomethane
Concen: 1.03 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 96 Resp: 443

Ion	Ratio	Lower	Upper
96	100		
94	118.9	76.0	136.0
79	0.0	20.8	20.8#
81	37.5	1.2	41.2

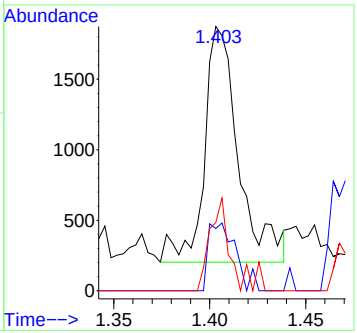


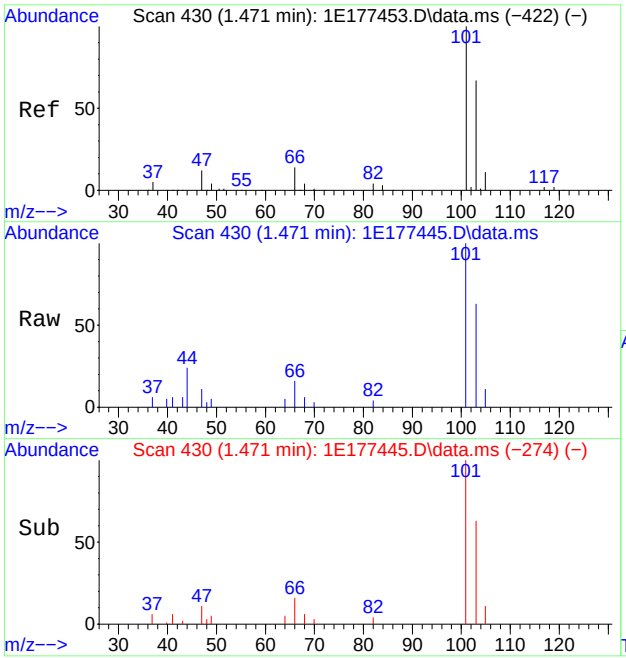


#12
chloroethane
Concen: 2.56 ug/L
RT: 1.403 min Scan# 409
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 64 Resp: 2070

Ion	Ratio	Lower	Upper
64	100		
66	26.4	3.1	63.1
49	29.1	0.1	60.1

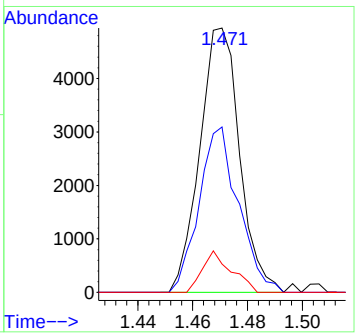


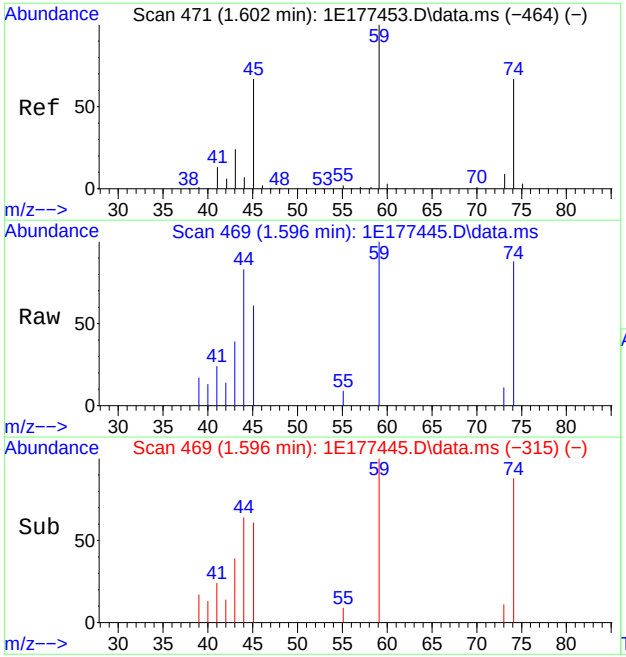


#13
trichlorofluoromethane
Concen: 2.46 ug/L
RT: 1.471 min Scan# 430
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:101 Resp: 5000

Ion	Ratio	Lower	Upper
101	100		
103	62.5	37.1	97.1
105	10.7	0.0	40.8

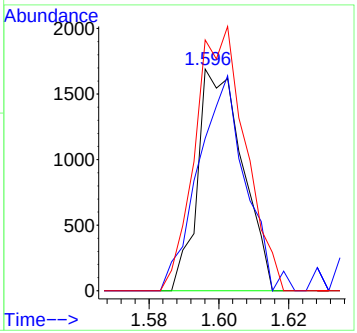


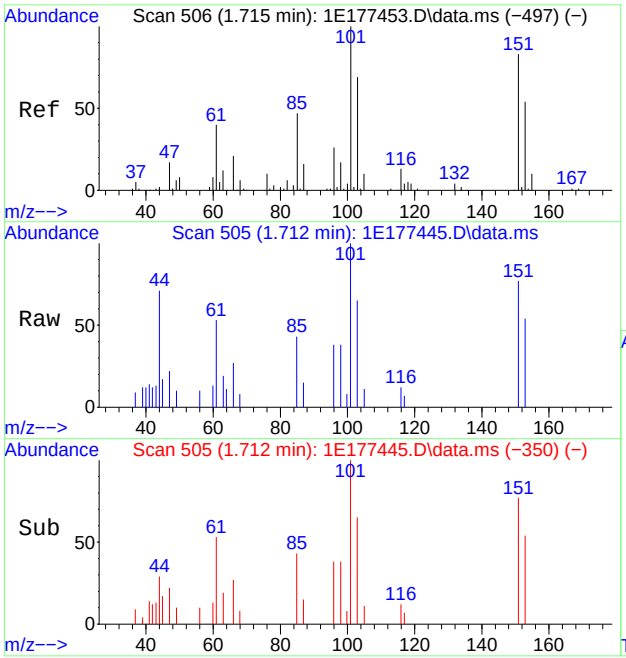


#14
ethyl ether
Concen: 2.10 ug/L
RT: 1.596 min Scan# 469
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 74 Resp: 1510

Ion	Ratio	Lower	Upper
74	100		
45	68.8	69.1	129.1#
59	113.2	118.9	178.9#

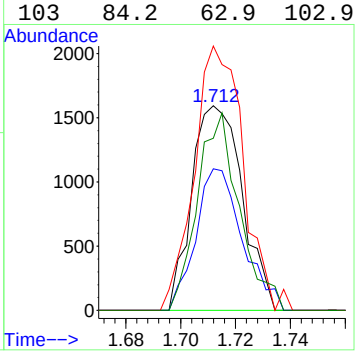


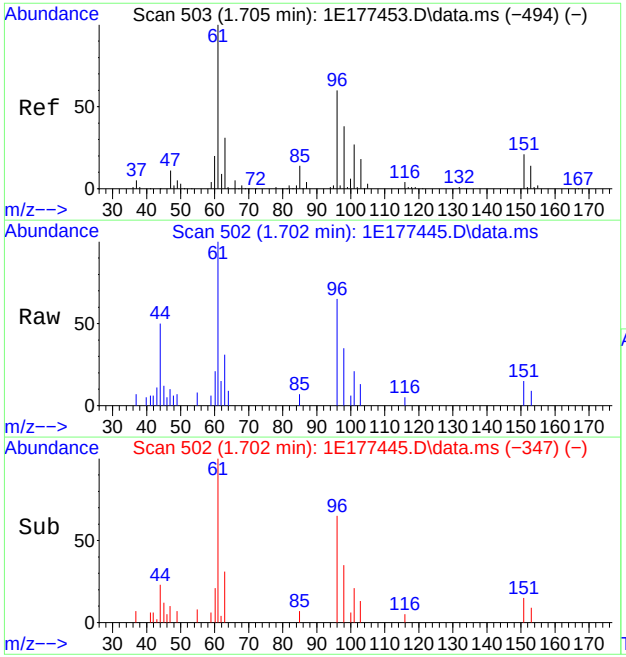


#16
freon 113
Concen: 2.18 ug/L
RT: 1.712 min Scan# 505
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:151 Resp: 2039

Ion	Ratio	Lower	Upper
151	100		
153	69.2	44.6	84.6
101	129.3	100.2	140.2
103	84.2	62.9	102.9

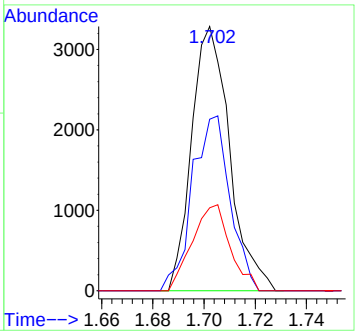


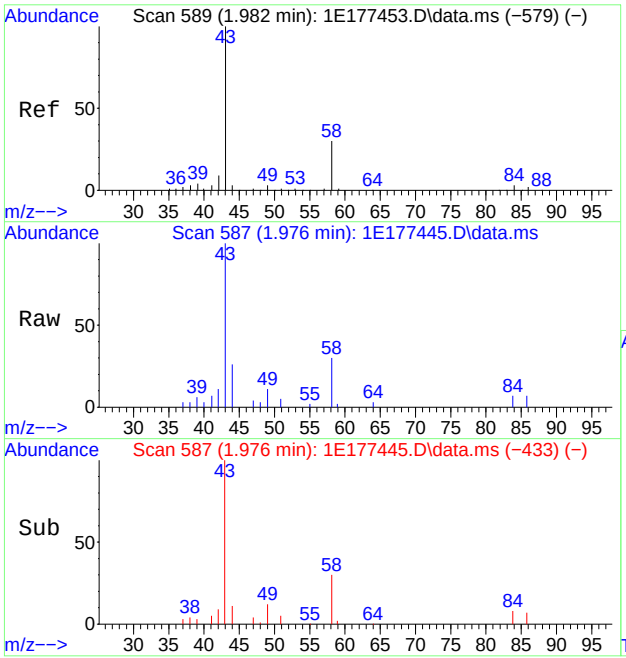


#17
1,1-dichloroethene
Concen: 1.94 ug/L
RT: 1.702 min Scan# 502
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 61 Resp: 3393

Ion	Ratio	Lower	Upper
61	100		
96	64.9	29.6	89.6
63	31.4	1.2	61.2

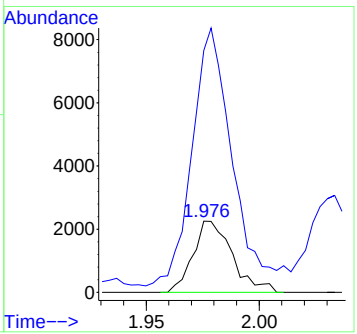


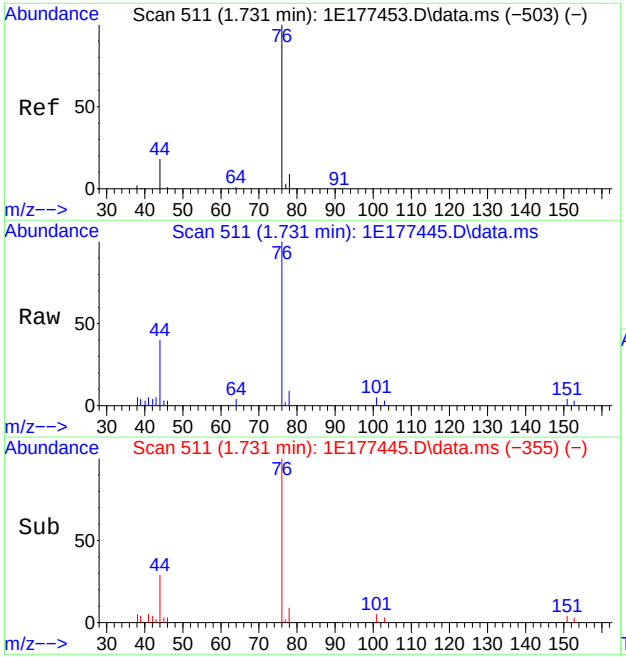


#18
acetone
Concen: 7.66 ug/L
RT: 1.976 min Scan# 587
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 58 Resp: 2712

Ion	Ratio	Lower	Upper
58	100		
43	316.7	304.0	364.0

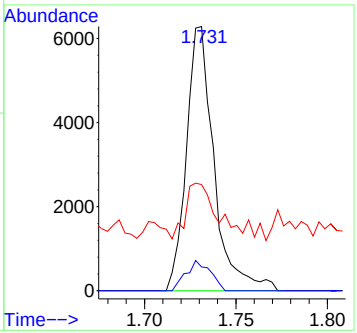


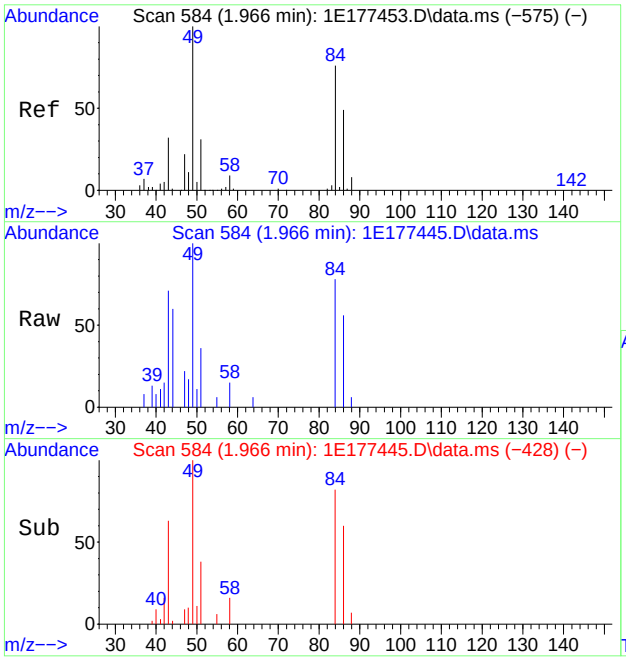


#21
carbon disulfide
Concen: 2.06 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 76 Resp: 6606

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	16.3	0.0	48.3

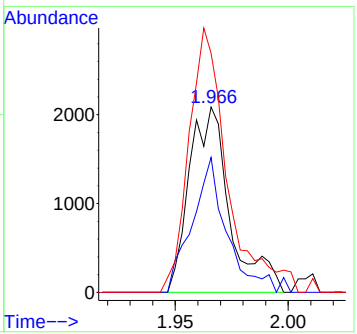


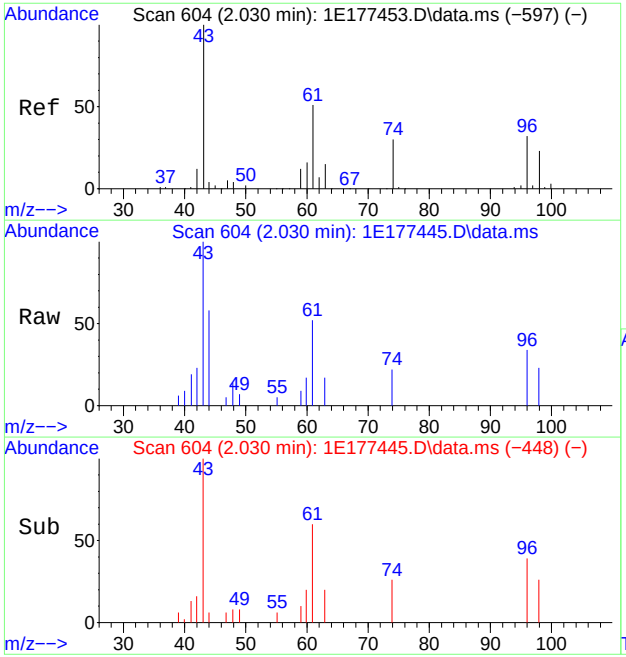


#22
methylene chloride
Concen: 1.95 ug/L
RT: 1.966 min Scan# 584
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 84 Resp: 2615

Ion	Ratio	Lower	Upper
84	100		
86	72.8	34.9	94.9
49	129.0	102.4	162.4

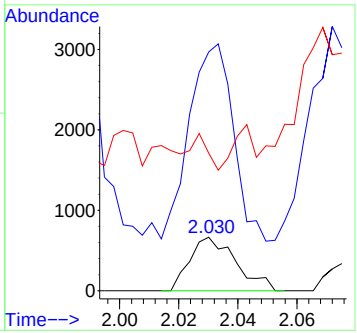


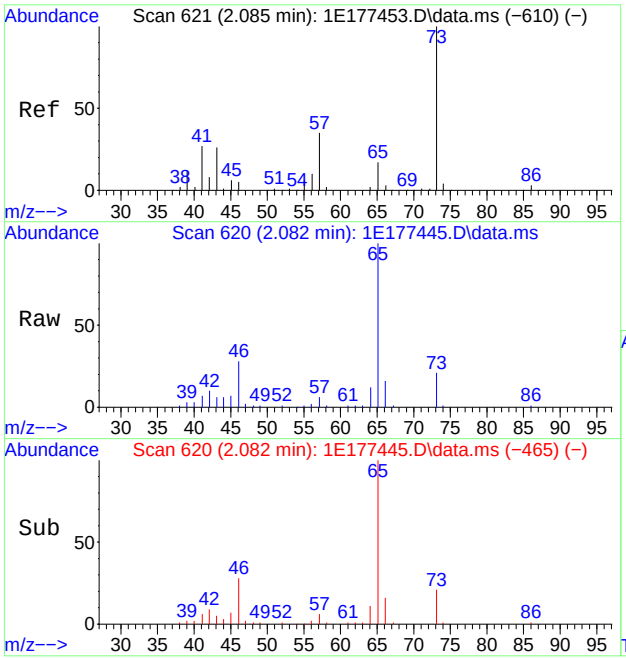


#23
methyl acetate
Concen: 2.27 ug/L
RT: 2.030 min Scan# 604
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 74 Resp: 721

Ion	Ratio	Lower	Upper
74	100		
43	348.3	307.5	367.5
44	0.0	0.0	43.7

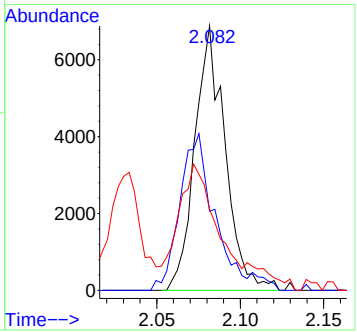


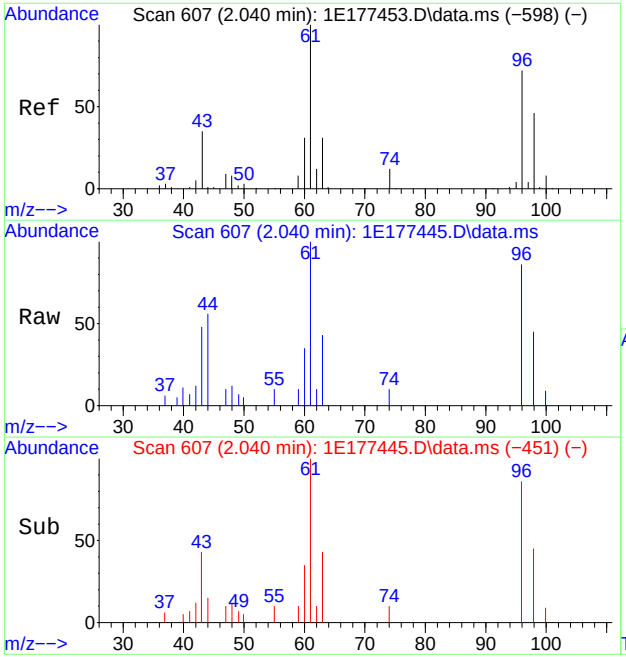


#24
methyl tert butyl ether
Concen: 2.15 ug/L
RT: 2.082 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 73 Resp: 8702

Ion	Ratio	Lower	Upper
73	100		
57	30.1	5.0	65.0
43	27.7	0.4	60.4

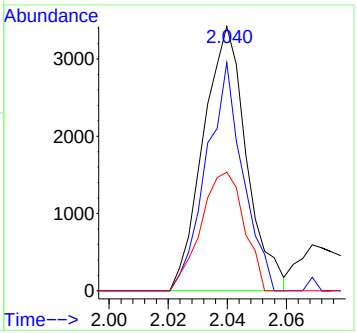


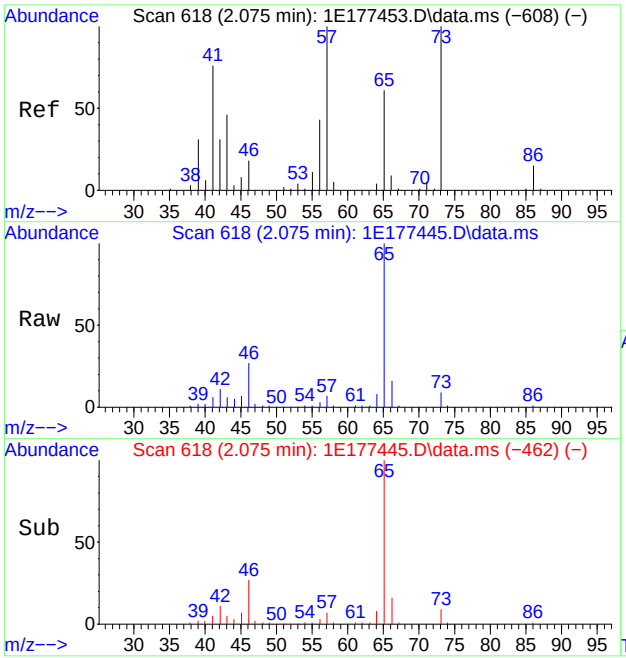


#25
trans-1,2-dichloroethene
Concen: 2.14 ug/L
RT: 2.040 min Scan# 607
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 61 Resp: 3482

Ion	Ratio	Lower	Upper
61	100		
96	86.3	41.6	101.6
98	44.9	15.7	75.7

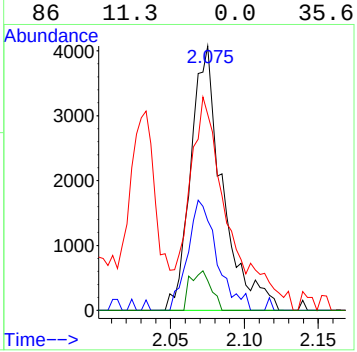


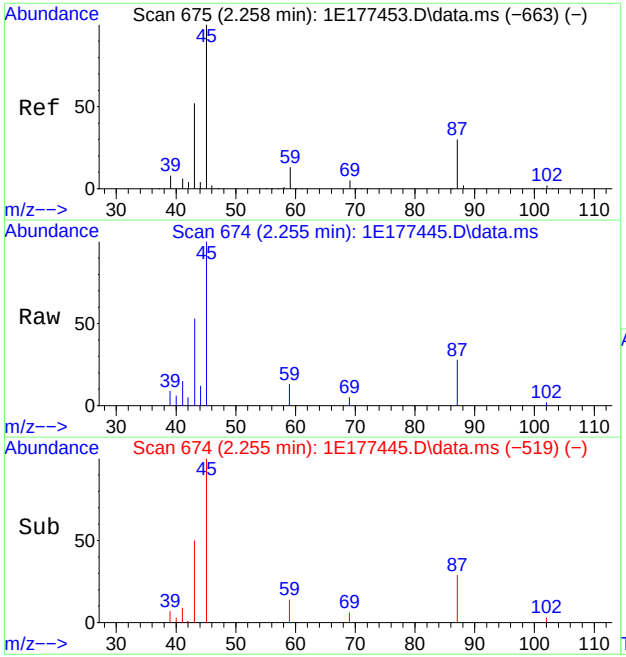


#26
hexane
Concen: 2.05 ug/L
RT: 2.075 min Scan# 618
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 57 Resp: 6072

Ion	Ratio	Lower	Upper
57	100		
56	34.0	23.0	63.0
43	69.2	50.7	90.7
86	11.3	0.0	35.6

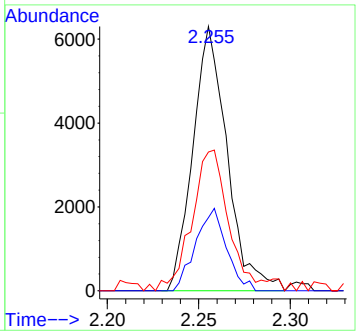


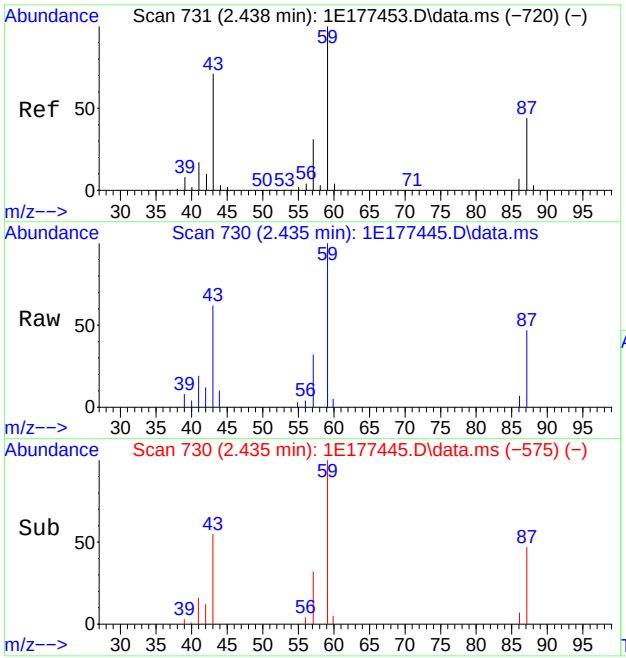


#27
di-isopropyl ether
Concen: 1.99 ug/L
RT: 2.255 min Scan# 674
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 45 Resp: 8234

Ion	Ratio	Lower	Upper
45	100		
87	27.6	0.0	59.9
43	52.5	22.2	82.2

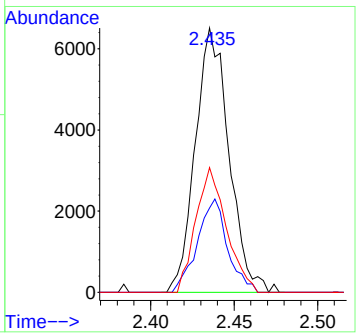


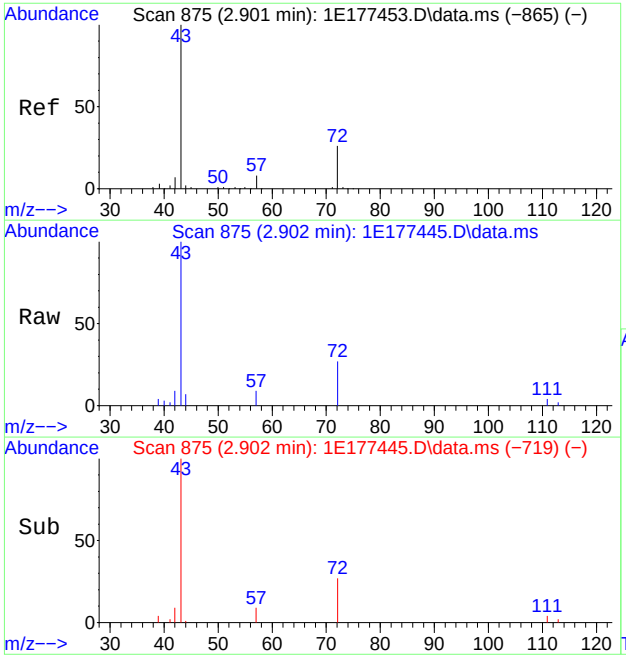


#28
ethyl tert-butyl ether
Concen: 2.10 ug/L
RT: 2.435 min Scan# 730
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 59 Resp: 9154

Ion	Ratio	Lower	Upper
59	100		
57	31.9	1.2	61.2
87	47.2	14.3	74.3

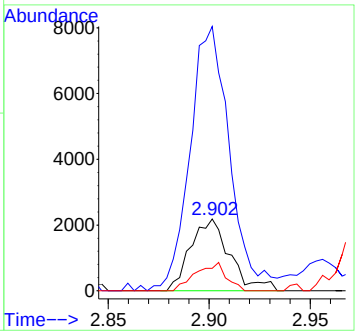


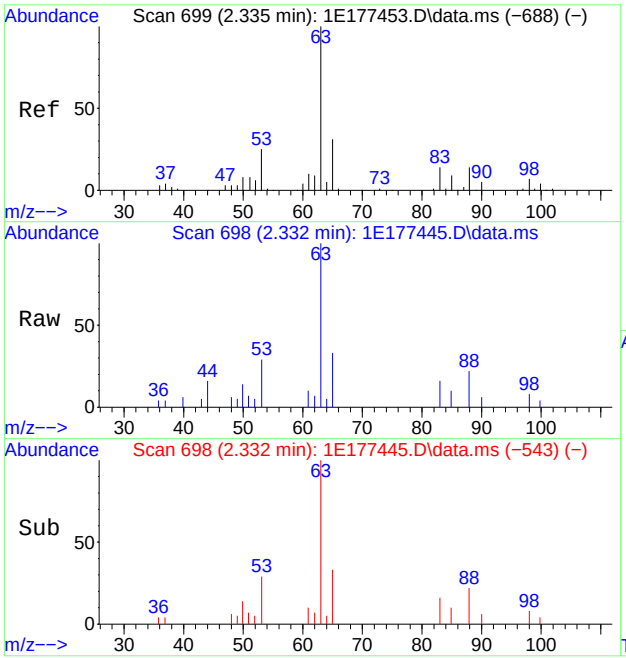


#29
2-butanone
Concen: 8.52 ug/L
RT: 2.902 min Scan# 875
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 72 Resp: 2966

Ion	Ratio	Lower	Upper
72	100		
43	361.5	351.4	411.4
57	31.5	1.3	61.3

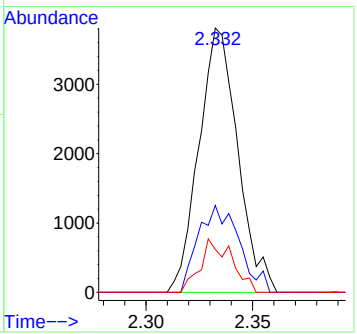


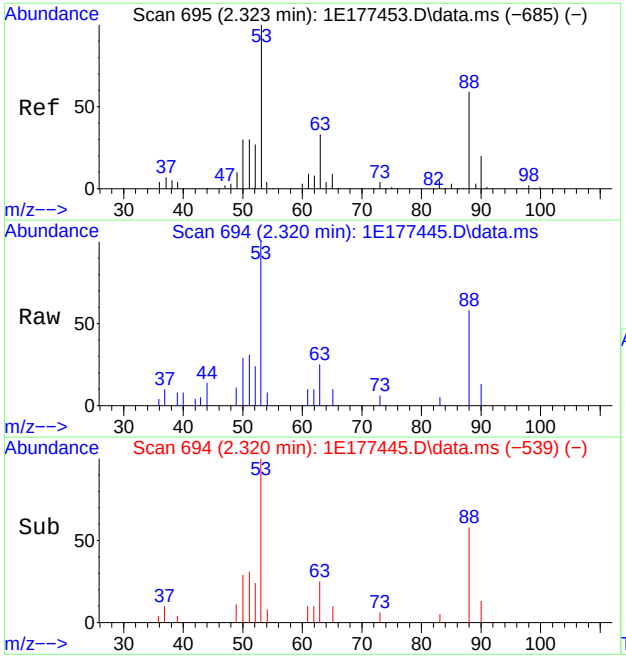


#30
1,1-dichloroethane
Concen: 2.04 ug/L
RT: 2.332 min Scan# 698
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 63 Resp: 4843

Ion	Ratio	Lower	Upper
63	100		
65	32.9	1.1	61.1
83	16.2	0.0	44.4

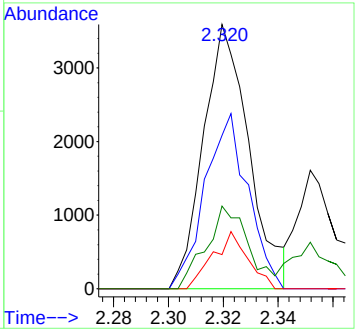


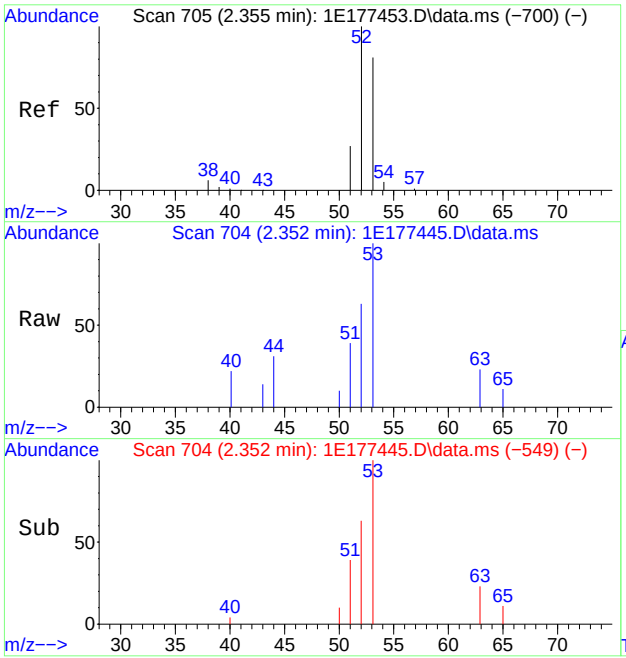


#31
chloroprene
Concen: 1.97 ug/L
RT: 2.320 min Scan# 694
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 53 Resp: 4157

Ion	Ratio	Lower	Upper
53	100		
88	58.0	29.0	89.0
90	13.0	0.0	50.3
51	31.3	0.0	60.0

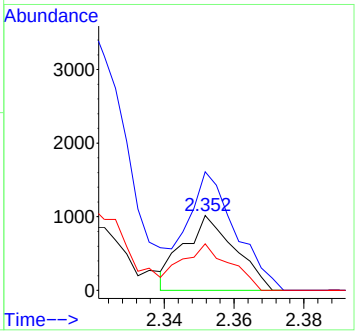


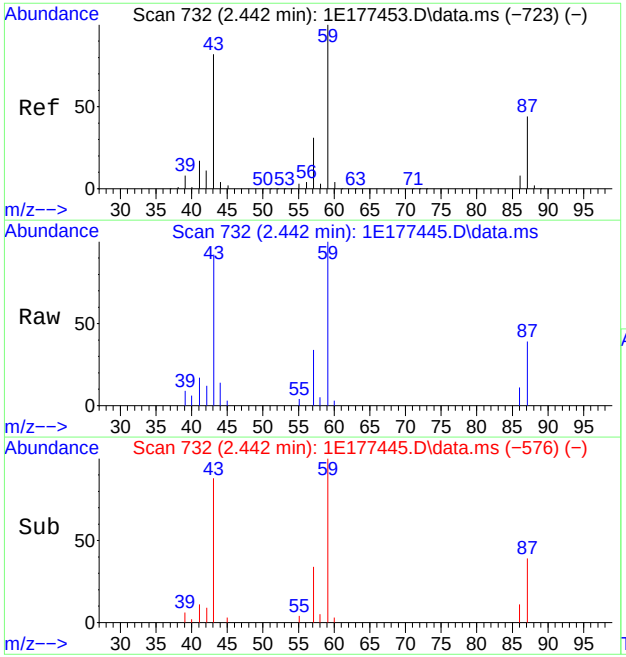


#32
acrylonitrile
Concen: 1.87 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 52 Resp: 1040

Ion	Ratio	Lower	Upper
52	100		
53	158.2	98.3	158.3
51	62.0	13.3	73.3

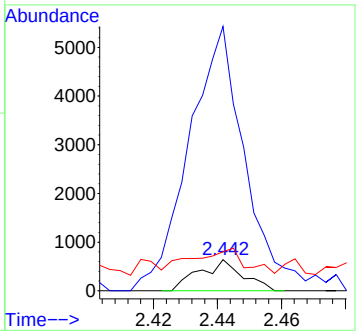


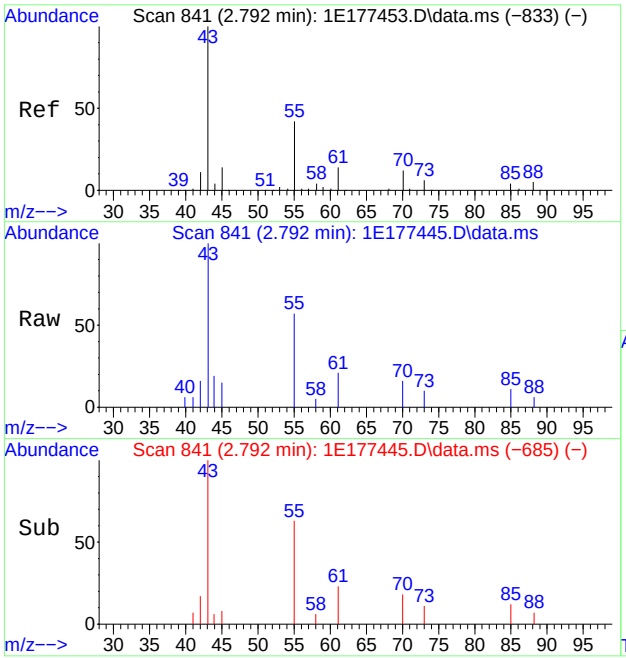


#33
vinyl acetate
Concen: 2.39 ug/L
RT: 2.442 min Scan# 732
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 86 Resp: 605

Ion	Ratio	Lower	Upper
86	100		
43	775.5	996.1	1056.1#
44	58.4	16.2	76.2

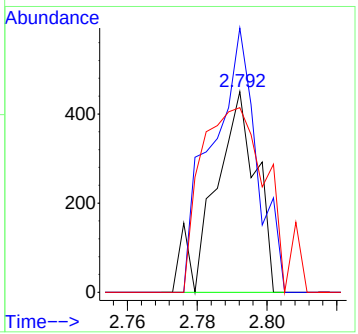


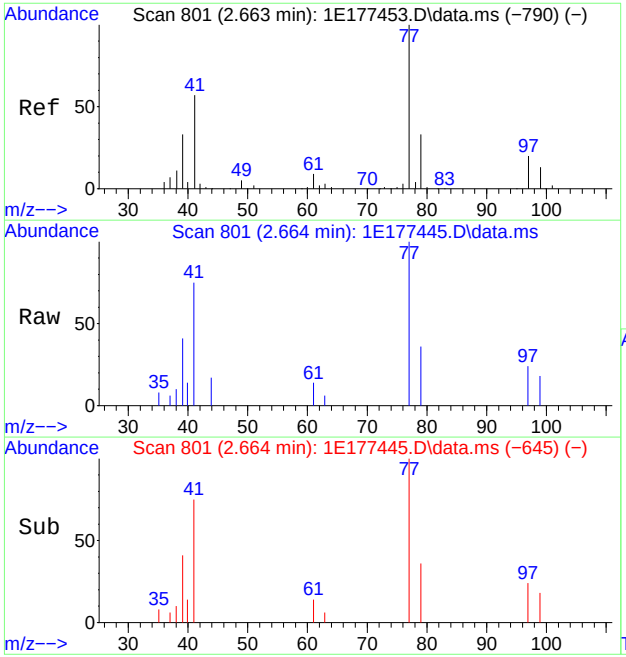


#34
ethyl acetate
Concen: 1.56 ug/L
RT: 2.792 min Scan# 841
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 70 Resp: 373

Ion	Ratio	Lower	Upper
70	100		
61	131.8	88.3	148.3
45	92.0	89.7	149.7

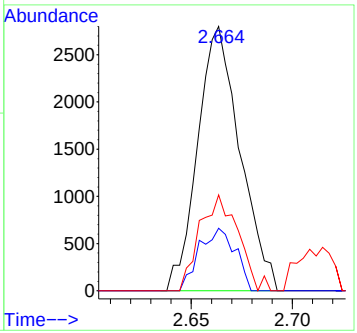


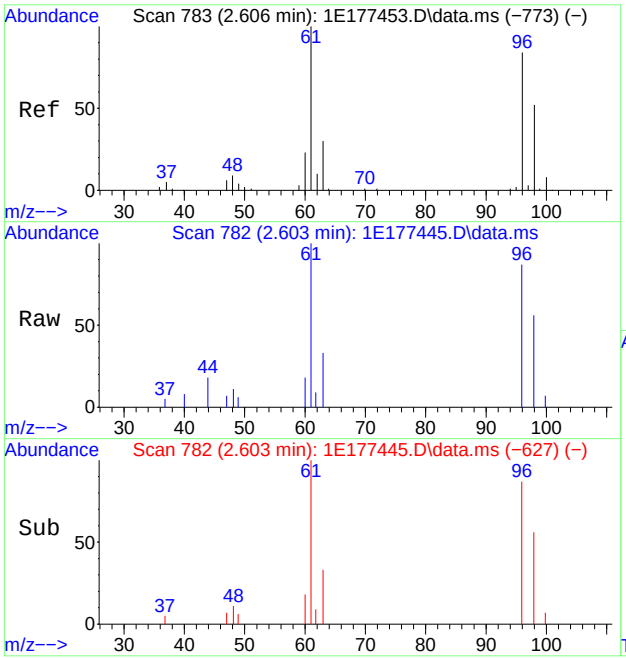


#35
2,2-dichloropropane
Concen: 1.99 ug/L
RT: 2.664 min Scan# 801
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 77 Resp: 4081

Ion	Ratio	Lower	Upper
77	100		
97	23.6	0.0	50.3
79	36.2	2.7	62.7

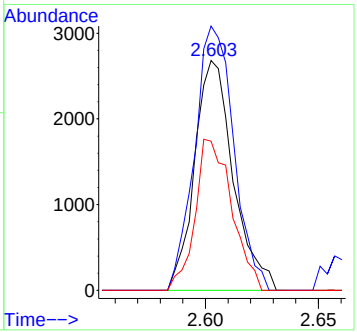


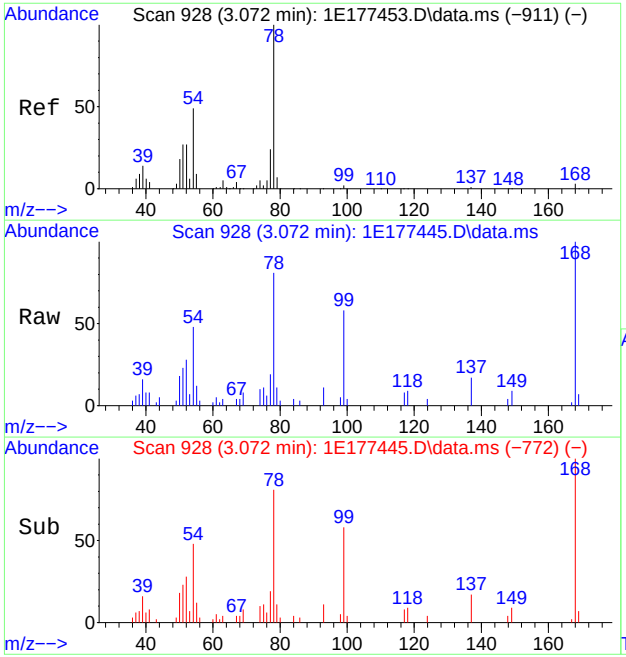


#36
cis-1,2-dichloroethene
Concen: 2.21 ug/L
RT: 2.603 min Scan# 782
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 96 Resp: 3191

Ion	Ratio	Lower	Upper
96	100		
61	115.1	89.1	149.1
98	64.9	31.8	91.8

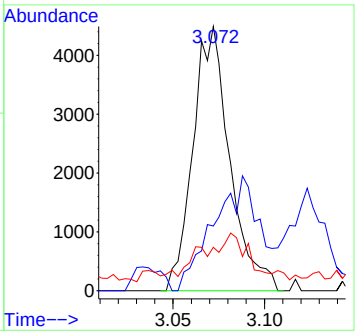


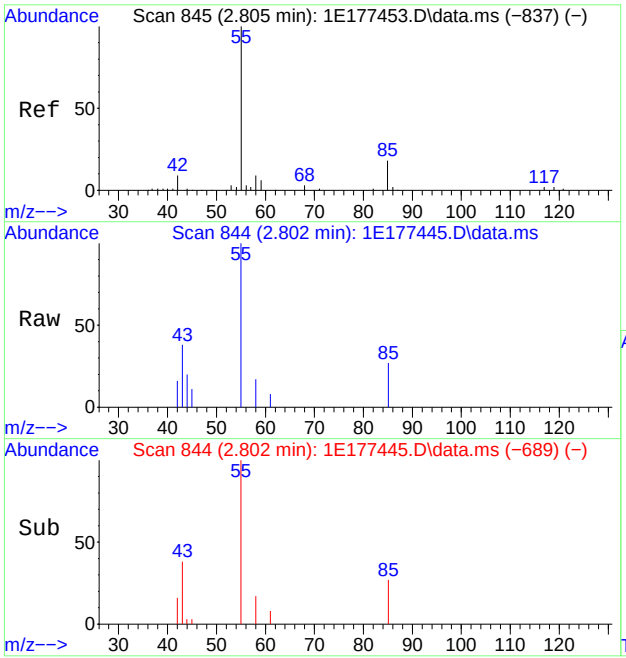


#37
propionitrile
Concen: 20.33 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 54 Resp: 6313

Ion	Ratio	Lower	Upper
54	100		
55	17.0	0.0	49.2
40	10.8	0.0	43.2

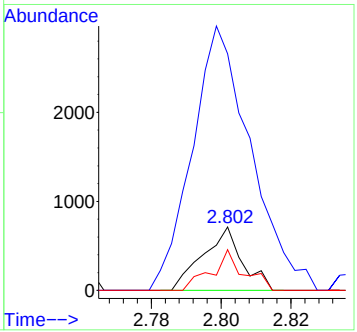


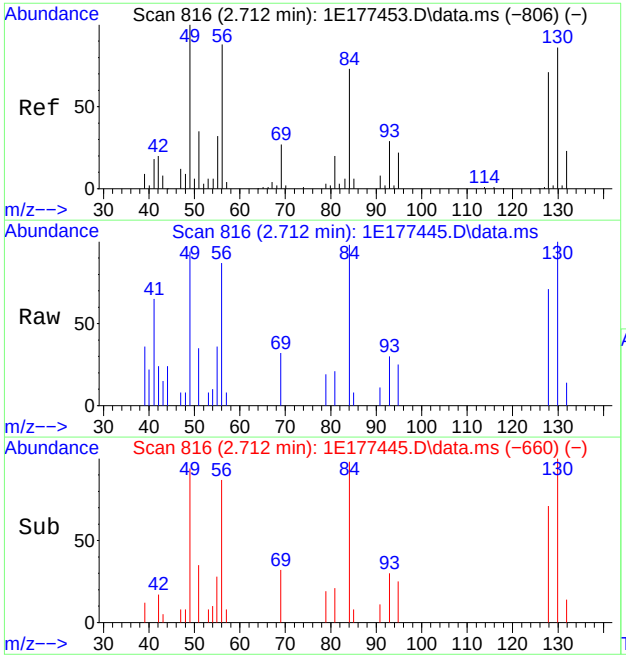


#38
methyl acrylate
Concen: 1.62 ug/L
RT: 2.802 min Scan# 844
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 85 Resp: 557

Ion	Ratio	Lower	Upper
85	100		
55	341.6	505.5	545.5#
58	64.3	25.5	65.5

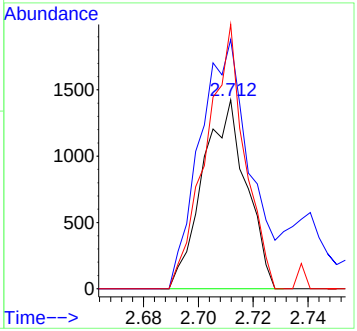


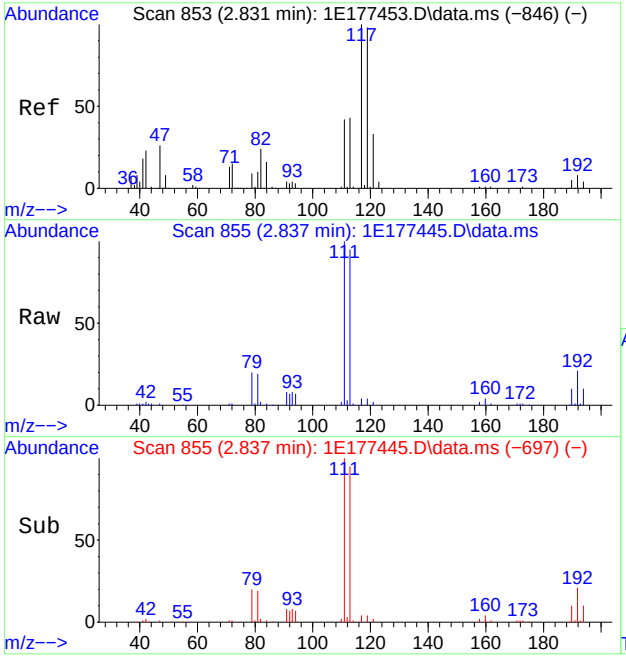


#39
bromochloromethane
Concen: 2.08 ug/L
RT: 2.712 min Scan# 816
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:128 Resp: 1574

Ion	Ratio	Lower	Upper
128	100		
49	131.9	113.7	173.7
130	139.9	91.4	151.4

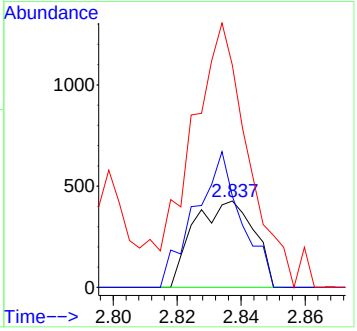


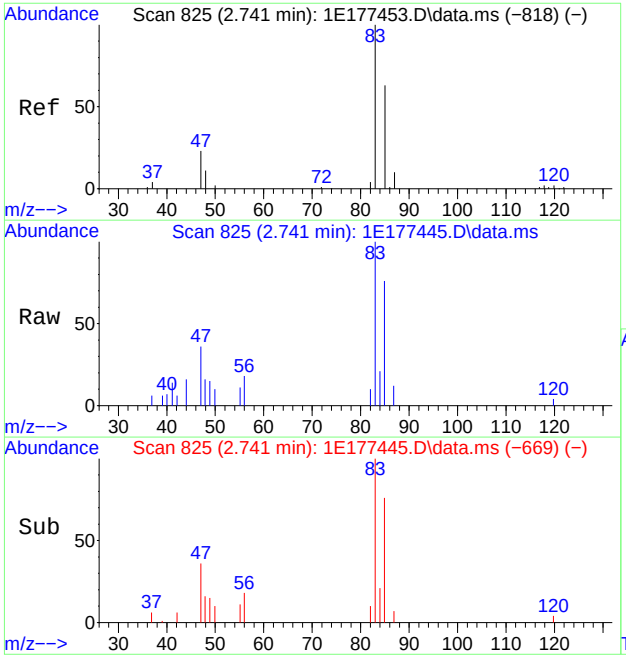


#40
tetrahydrofuran
Concen: 2.10 ug/L
RT: 2.837 min Scan# 855
Delta R.T. 0.007 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 71 Resp: 555

Ion	Ratio	Lower	Upper
71	100		
72	105.6	82.2	142.2
42	215.3	201.9	261.9

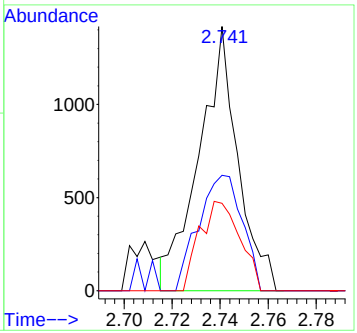


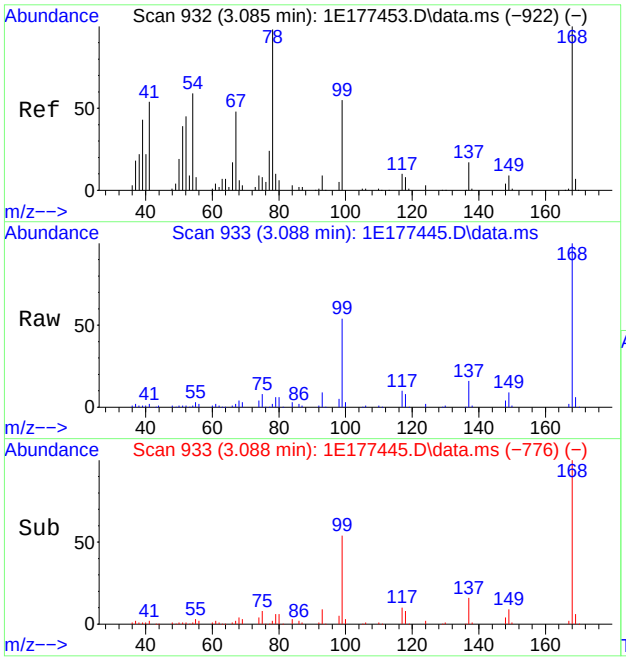


#41
chloroform
Concen: 2.05 ug/L
RT: 2.741 min Scan# 825
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 47 Resp: 1592

Ion	Ratio	Lower	Upper
47	100		
48	43.7	23.0	83.0
87	33.1	8.1	68.1

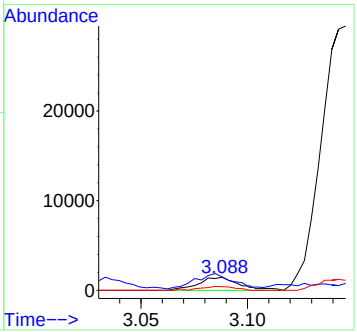


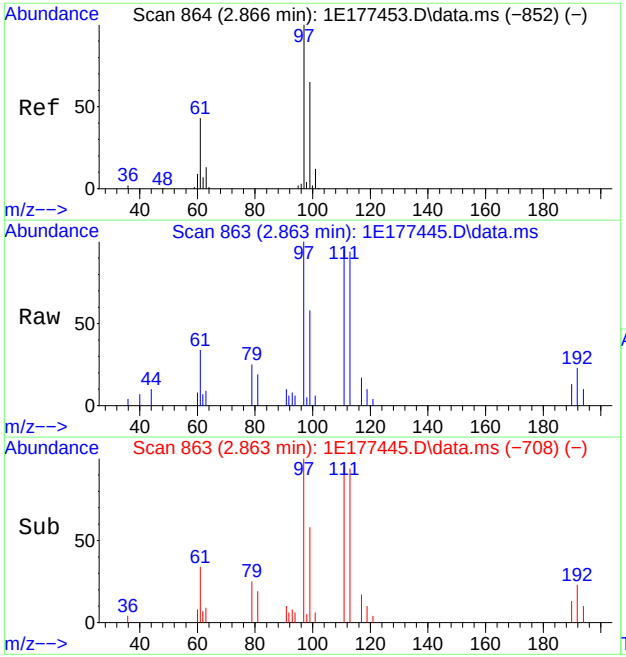


#43
methacrylonitrile
Concen: 2.42 ug/L
RT: 3.088 min Scan# 933
Delta R.T. 0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 67 Resp: 1943

Ion	Ratio	Lower	Upper
67	100		
41	83.4	83.8	143.8#
66	27.8	6.0	66.0

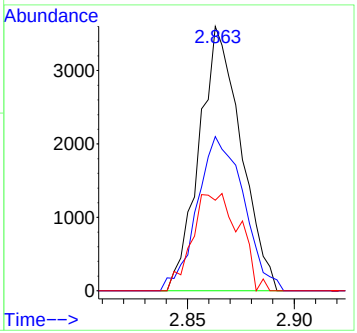


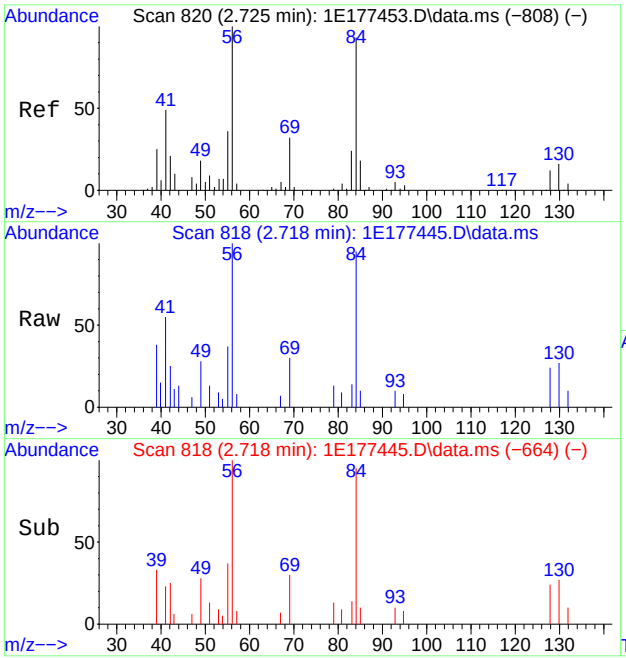


#44
1,1,1-trichloroethane
Concen: 2.19 ug/L
RT: 2.863 min Scan# 863
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 97 Resp: 4914

Ion	Ratio	Lower	Upper
97	100		
99	58.3	34.9	94.9
61	34.3	13.2	73.2

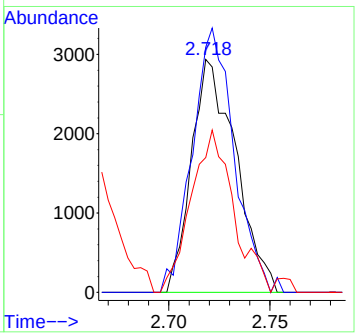


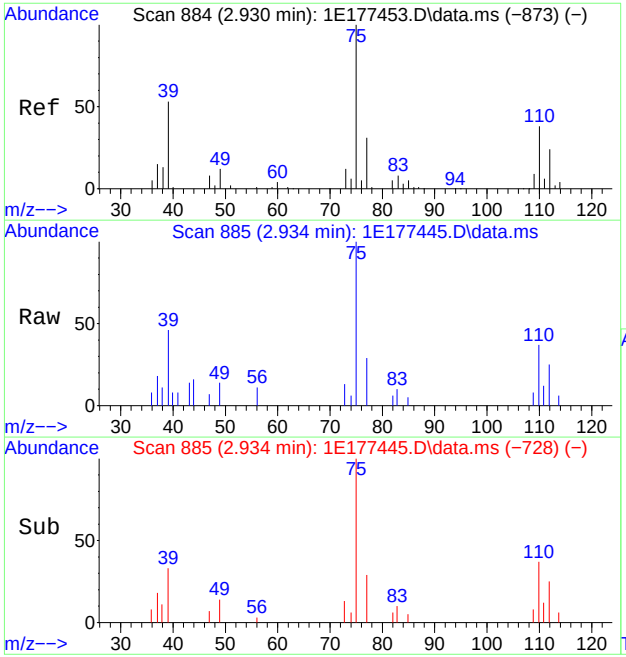


#45
cyclohexane
Concen: 2.41 ug/L
RT: 2.718 min Scan# 818
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 84 Resp: 4479

Ion	Ratio	Lower	Upper
84	100		
56	105.2	87.1	127.1
41	57.8	36.3	76.3

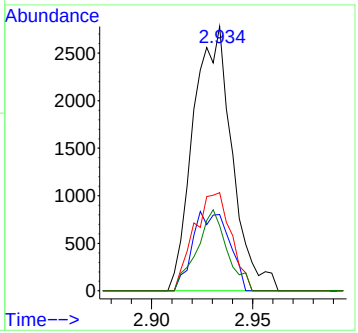


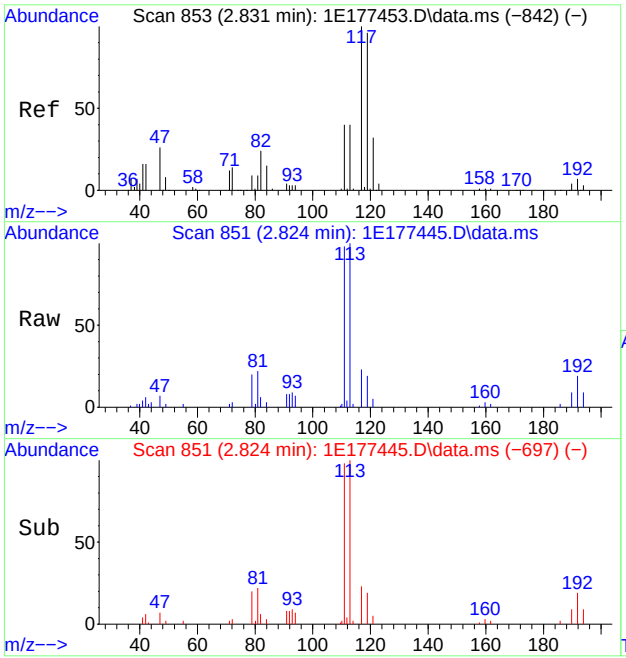


#46
1,1-dichloropropene
Concen: 2.08 ug/L
RT: 2.934 min Scan# 885
Delta R.T. 0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 75 Resp: 3711

Ion	Ratio	Lower	Upper
75	100		
77	28.9	10.6	50.6
110	37.1	17.7	57.7
112	24.7	4.2	44.2

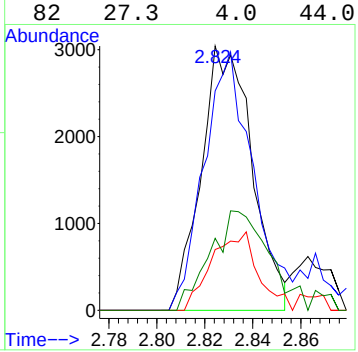


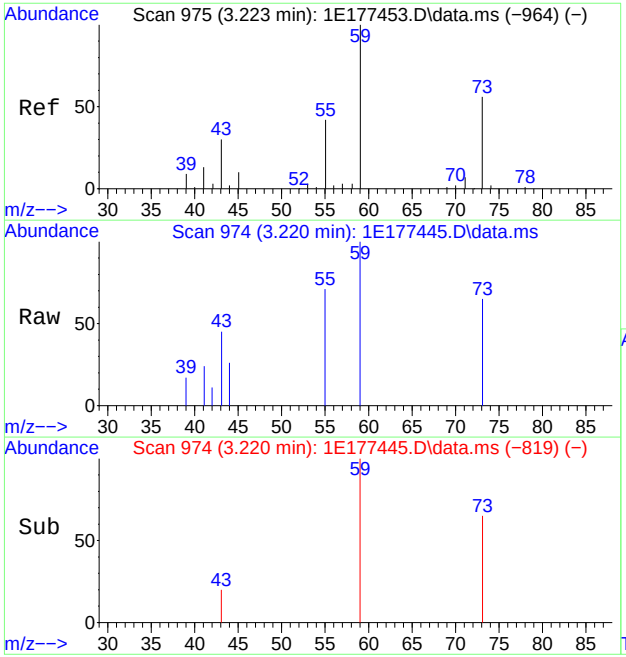


#47
carbon tetrachloride
Concen: 2.01 ug/L
RT: 2.824 min Scan# 851
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:117 Resp: 4469

Ion	Ratio	Lower	Upper
117	100		
119	82.9	76.4	116.4
121	23.0	12.4	52.4
82	27.3	4.0	44.0

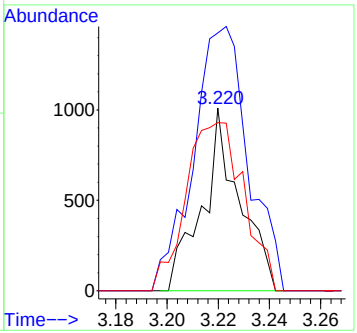


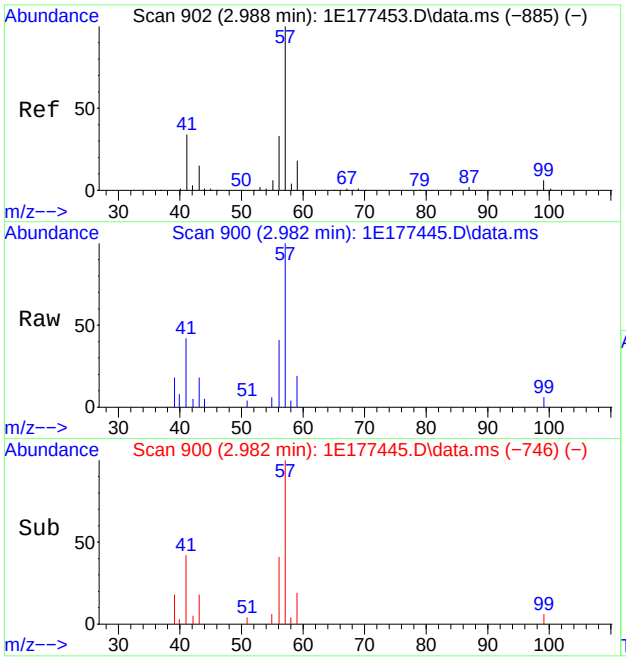


#49
tert-amyl alcohol
Concen: 10.70 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 55 Resp: 1022

Ion	Ratio	Lower	Upper
55	100		
59	141.0	210.1	250.1#
73	92.0	111.6	151.6#

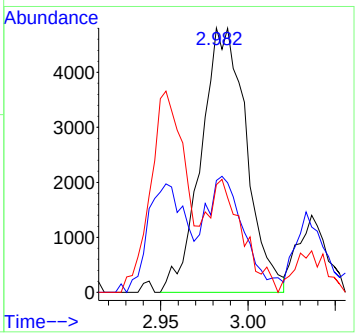


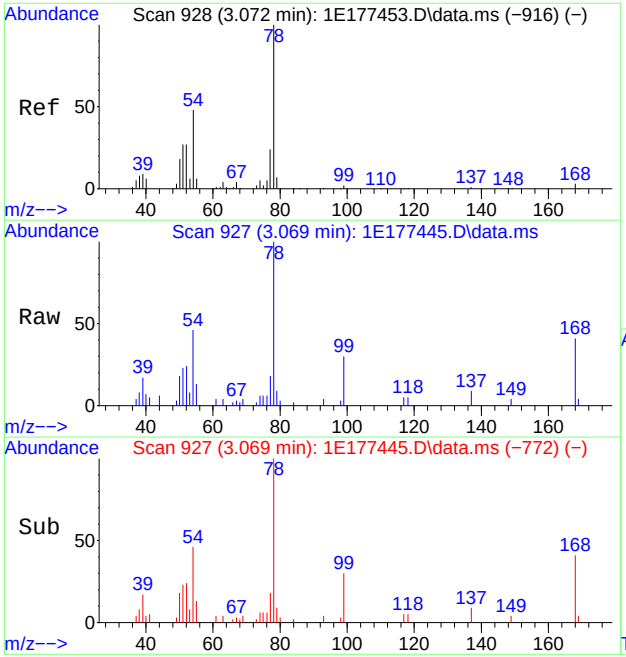


#52
iso-octane
Concen: 2.04 ug/L
RT: 2.982 min Scan# 900
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 57 Resp: 8693

Ion	Ratio	Lower	Upper
57	100		
41	38.4	14.3	54.3
56	36.0	13.6	53.6

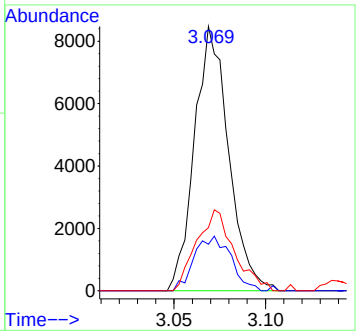


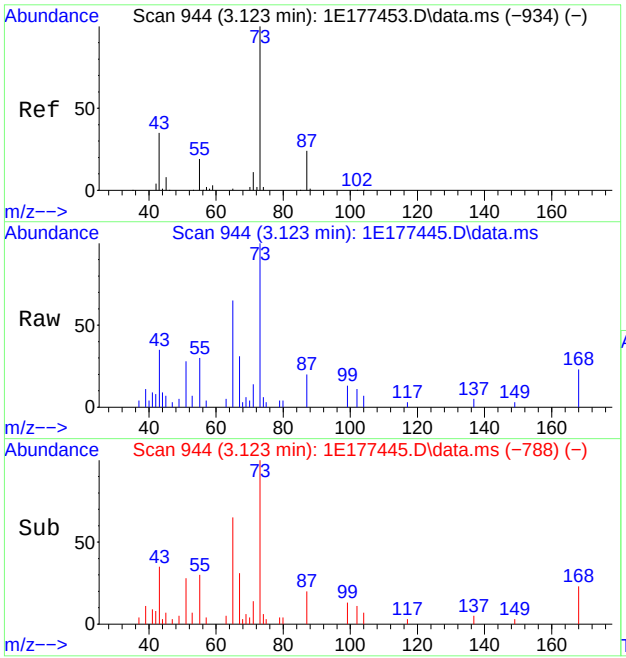


#53
benzene
Concen: 2.14 ug/L
RT: 3.069 min Scan# 927
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 78 Resp: 11065

Ion	Ratio	Lower	Upper
78	100		
77	17.7	0.0	54.3
52	23.9	0.0	57.1

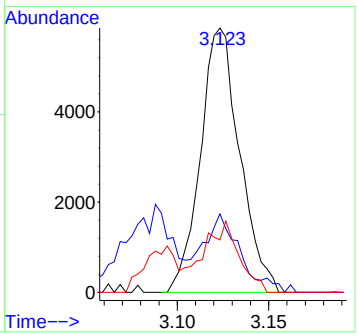


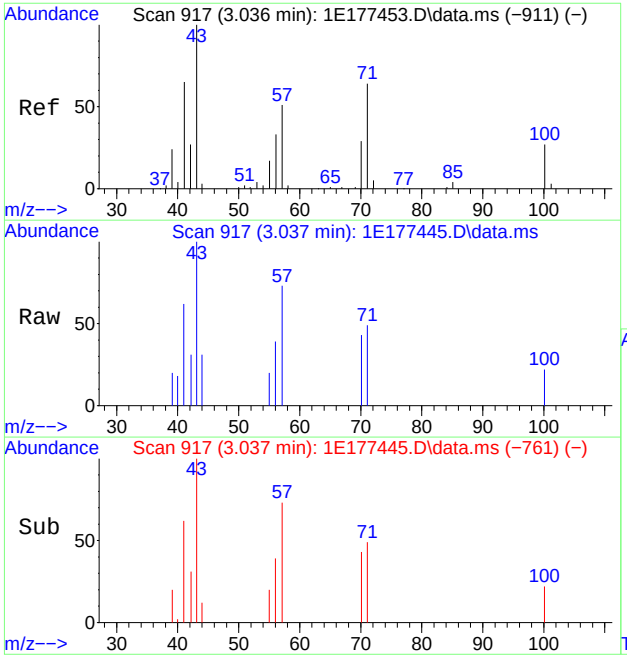


#54
tert-amyl methyl ether
Concen: 2.07 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 73 Resp: 8801

Ion	Ratio	Lower	Upper
73	100		
55	29.7	2.5	42.5
87	19.8	5.0	45.0

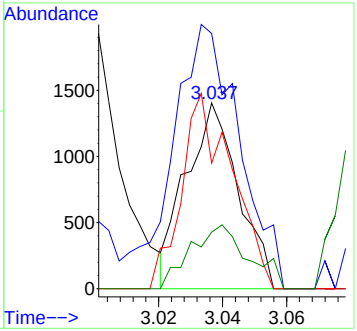


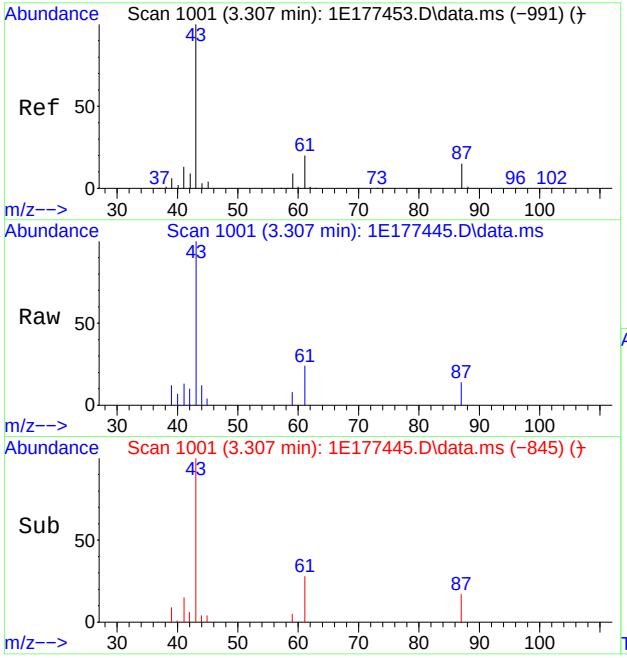


#55
heptane
Concen: 1.93 ug/L
RT: 3.037 min Scan# 917
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 57 Resp: 1596

Ion	Ratio	Lower	Upper
57	100		
43	137.5	129.2	189.2
71	67.5	71.9	131.9#
100	30.5	10.2	70.2

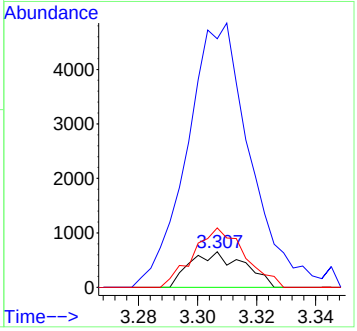


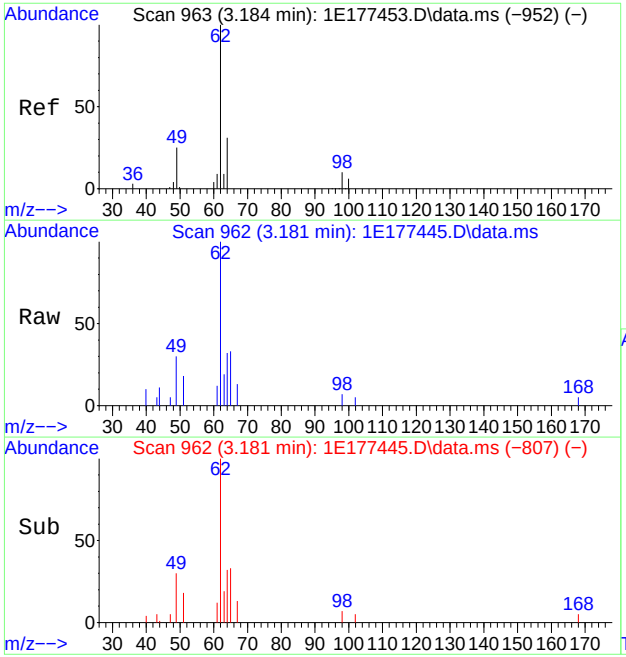


#56
isopropyl acetate
Concen: 1.79 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 87 Resp: 829

Ion	Ratio	Lower	Upper
87	100		
43	599.5	647.0	707.0#
61	166.2	104.0	164.0#

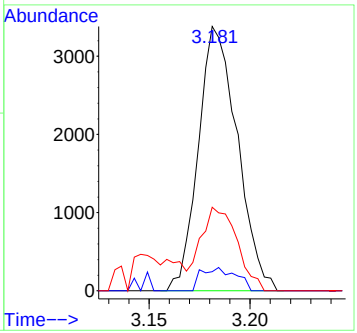


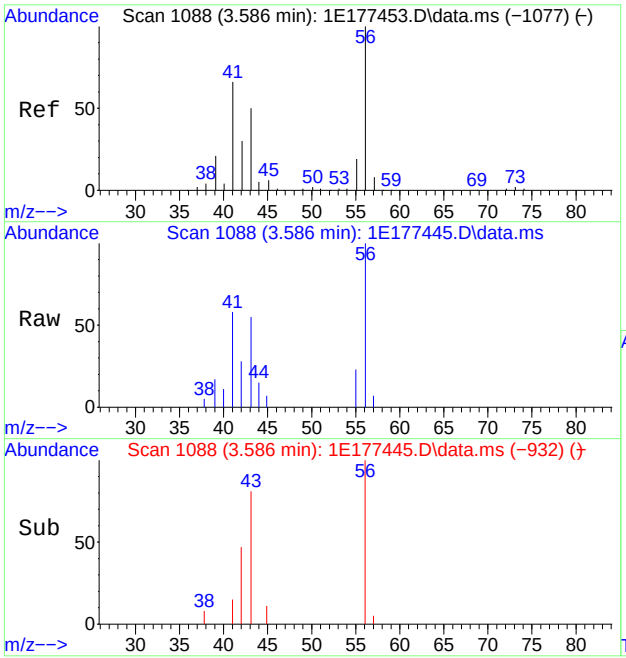


#57
1,2-dichloroethane
Concen: 2.07 ug/L
RT: 3.181 min Scan# 962
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 62 Resp: 4540

Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	39.5
64	31.6	1.9	61.9

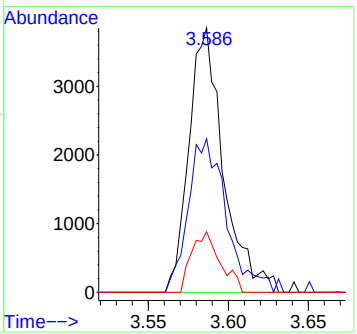


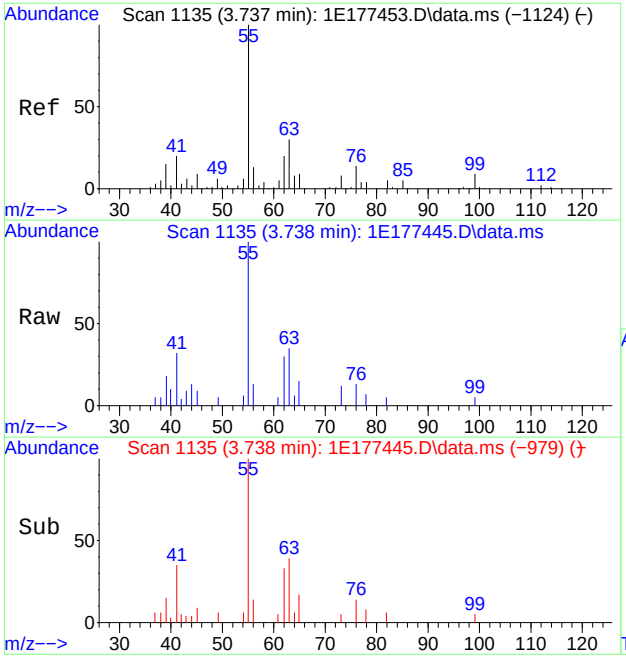


#58
n-butyl alcohol
Concen: 109.73 ug/L
RT: 3.586 min Scan# 1088
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 56 Resp: 5792

Ion	Ratio	Lower	Upper
56	100		
41	58.1	46.6	86.6
55	22.9	0.0	39.2

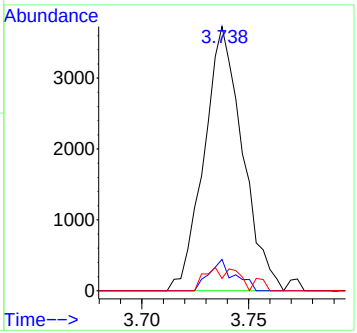


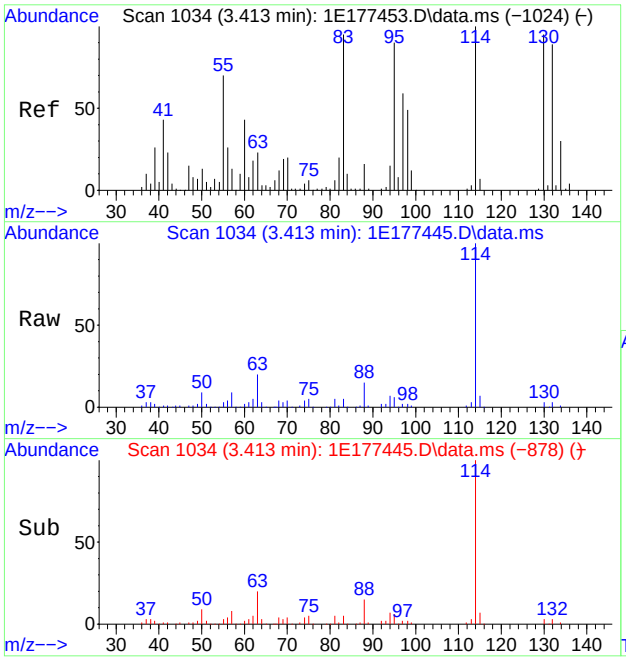


#59
ethyl acrylate
Concen: 1.87 ug/L
RT: 3.738 min Scan# 1135
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 55 Resp: 4678

Ion	Ratio	Lower	Upper
55	100		
73	11.9	0.0	37.9
99	4.7	0.0	38.9

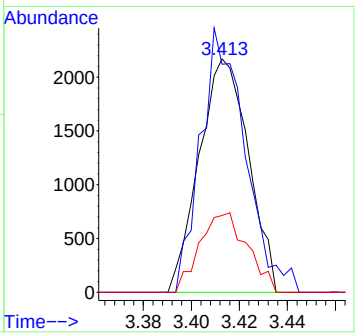


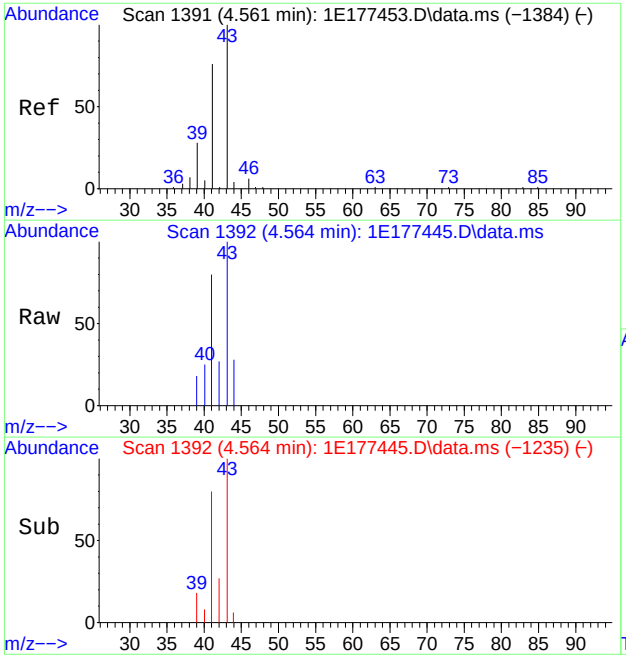


#60
trichloroethene
Concen: 1.95 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:130 Resp: 3096

Ion	Ratio	Lower	Upper
130	100		
132	97.8	63.8	123.8
134	32.9	1.3	61.3

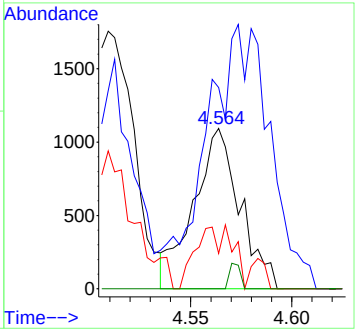


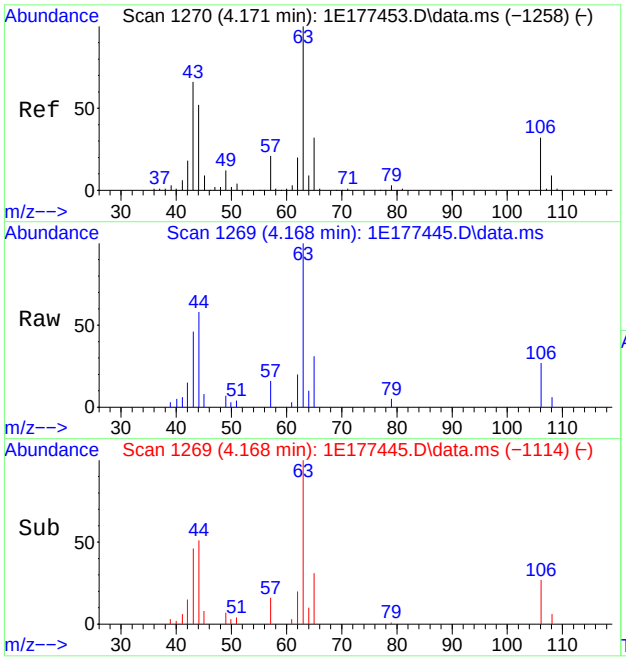


#61
2-nitropropane
Concen: 2.33 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 41 Resp: 1746

Ion	Ratio	Lower	Upper
41	100		
43	101.6	93.3	153.3
39	22.0	9.2	69.2
46	0.0	0.0	37.8

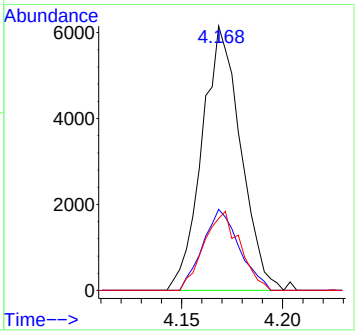


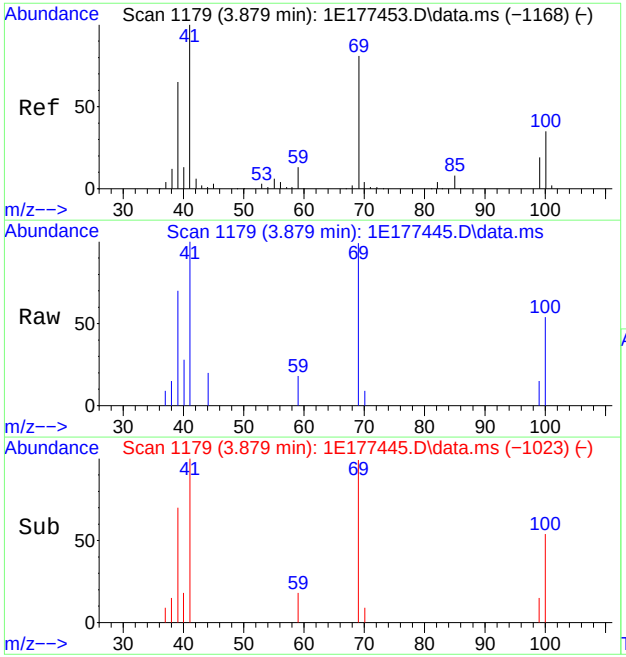


#62
2-chloroethyl vinyl ether
Concen: 9.86 ug/L
RT: 4.168 min Scan# 1269
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 63 Resp: 8192

Ion	Ratio	Lower	Upper
63	100		
65	30.7	1.9	61.9
106	27.2	2.0	62.0

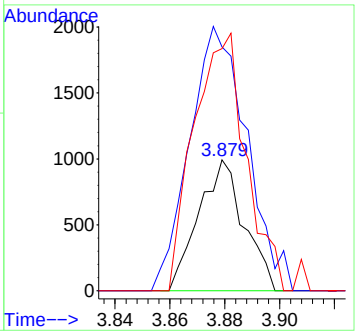


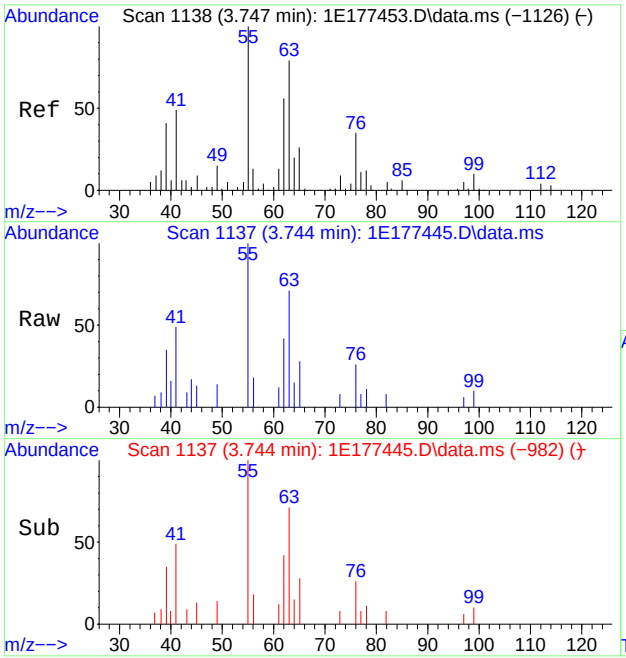


#63
methyl methacrylate
Concen: 2.21 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:100 Resp: 1142

Ion	Ratio	Lower	Upper
100	100		
41	169.4	253.3	313.3#
69	185.0	198.3	258.3#

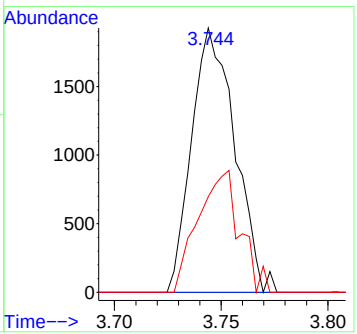


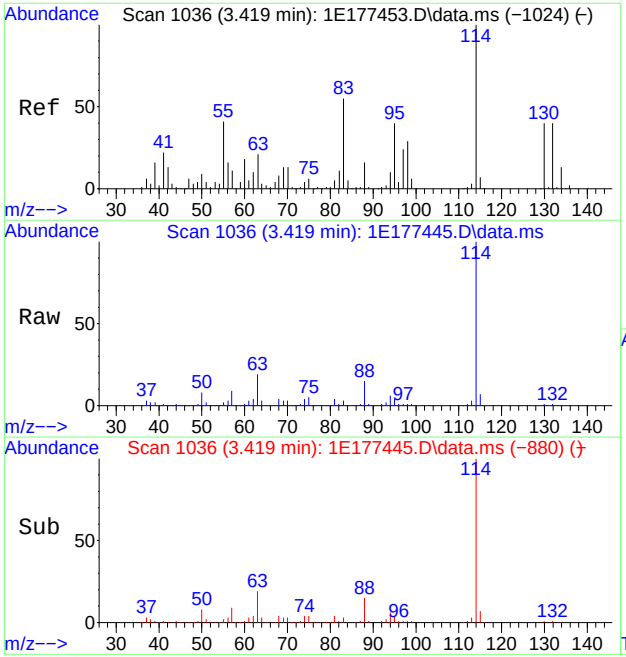


#64
1,2-dichloropropane
Concen: 2.03 ug/L
RT: 3.744 min Scan# 1137
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 63 Resp: 2715

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.8
76	36.1	14.8	74.8

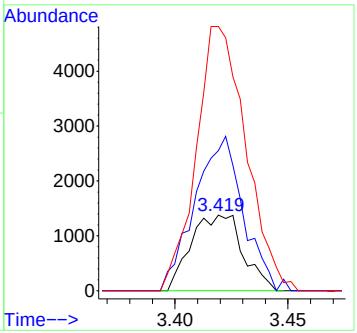


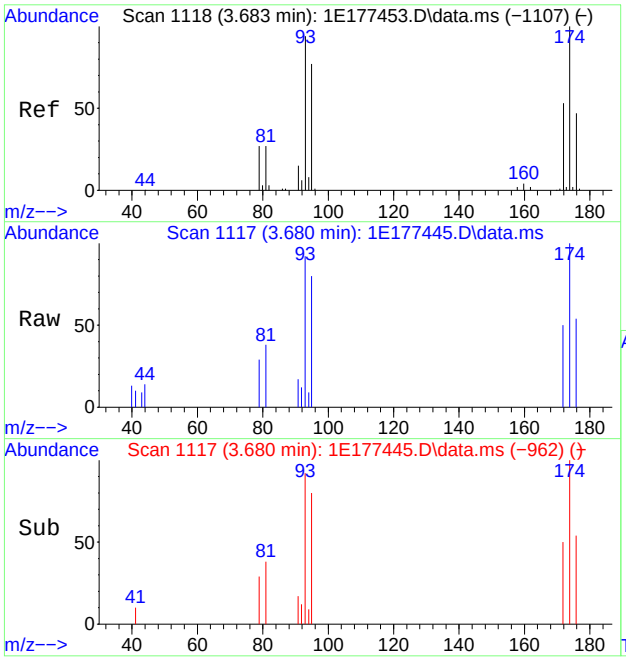


#65
methylcyclohexane
Concen: 1.88 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 98 Resp: 2208

Ion	Ratio	Lower	Upper
98	100		
55	185.3	109.6	169.6#
83	349.6	187.2	187.2#

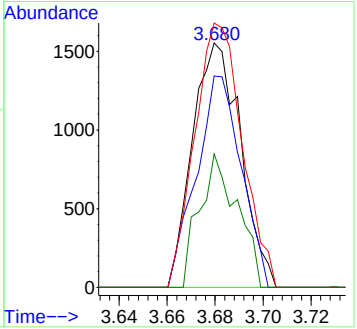


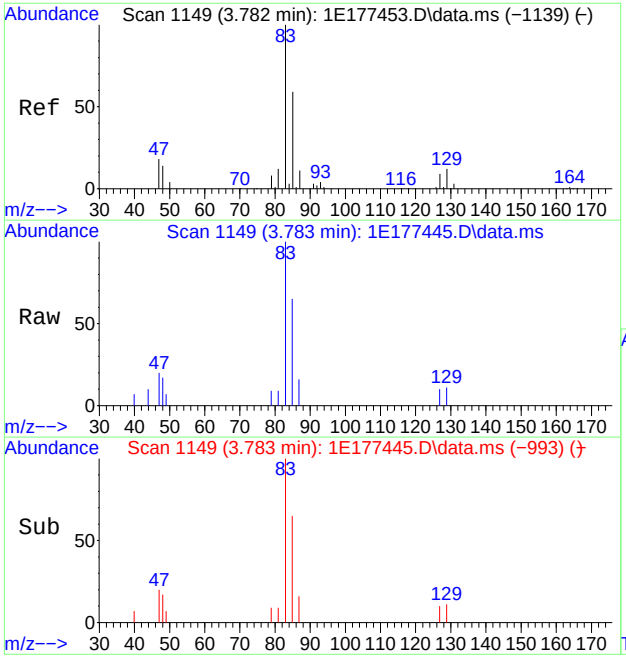


#66
dibromomethane
Concen: 2.04 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 93 Resp: 2155

Ion	Ratio	Lower	Upper
93	100		
95	86.5	51.7	111.7
174	108.2	76.6	136.6
172	54.6	36.3	76.3

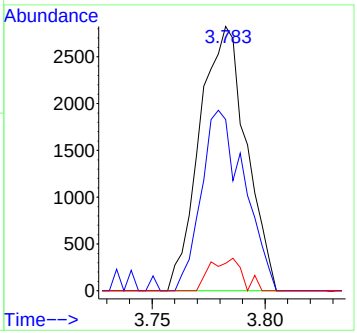


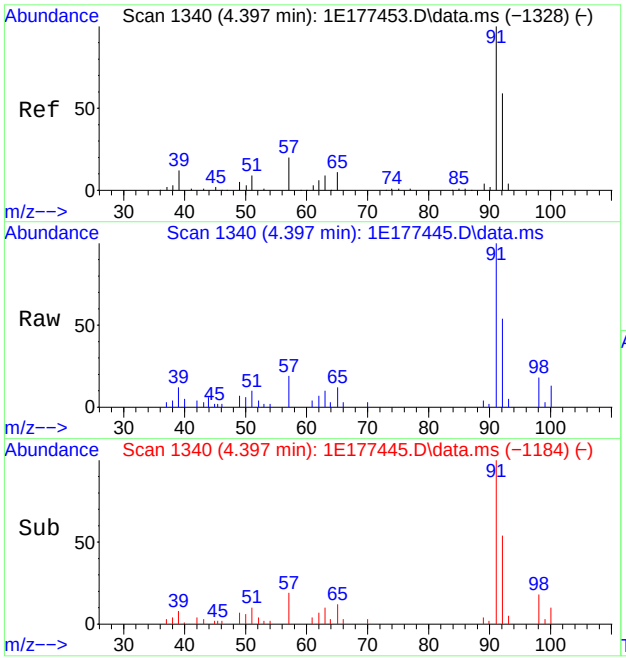


#67
bromodichloromethane
Concen: 2.04 ug/L
RT: 3.783 min Scan# 1149
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 83 Resp: 4044

Ion	Ratio	Lower	Upper
83	100		
85	64.8	33.0	93.0
127	10.4	0.0	38.8

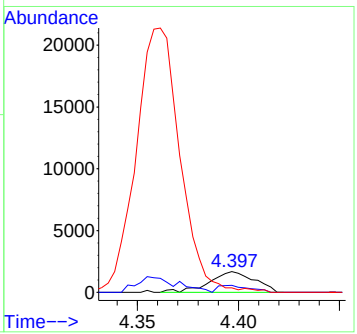


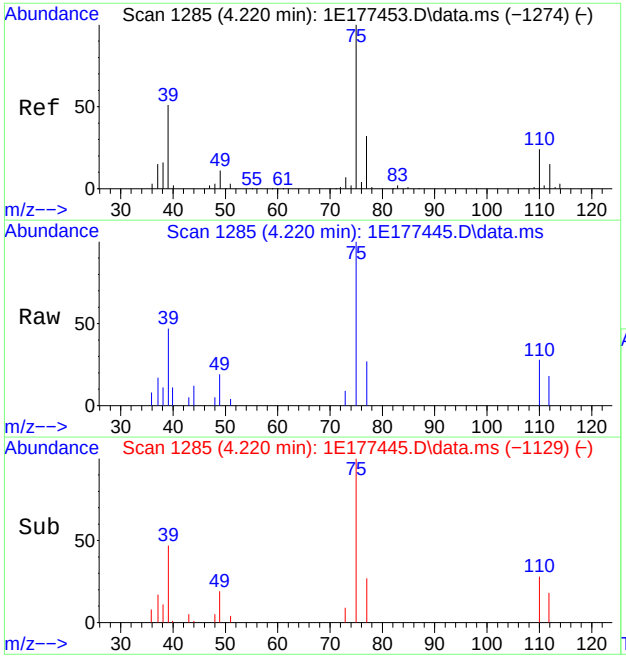


#68
epichlorohydrin
Concen: 10.89 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 57 Resp: 2605

Ion	Ratio	Lower	Upper
57	100		
49	33.8	8.6	48.6
42	21.6	0.0	30.2

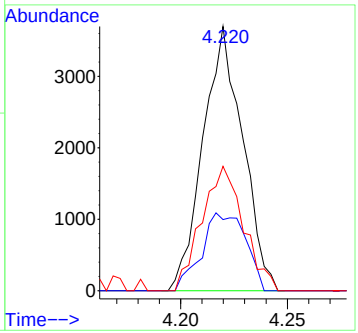


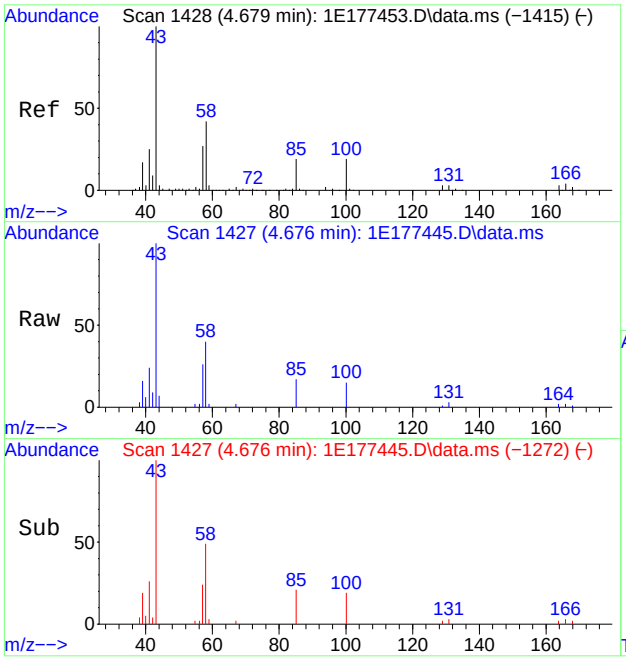


#69
cis-1,3-dichloropropene
Concen: 2.04 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 75 Resp: 4779

Ion	Ratio	Lower	Upper
75	100		
77	27.0	2.1	62.1
39	47.1	23.0	83.0

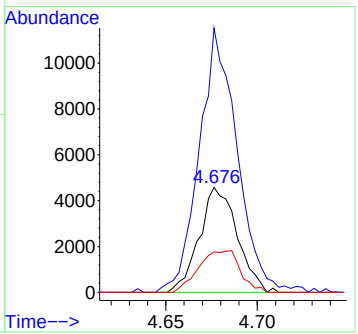


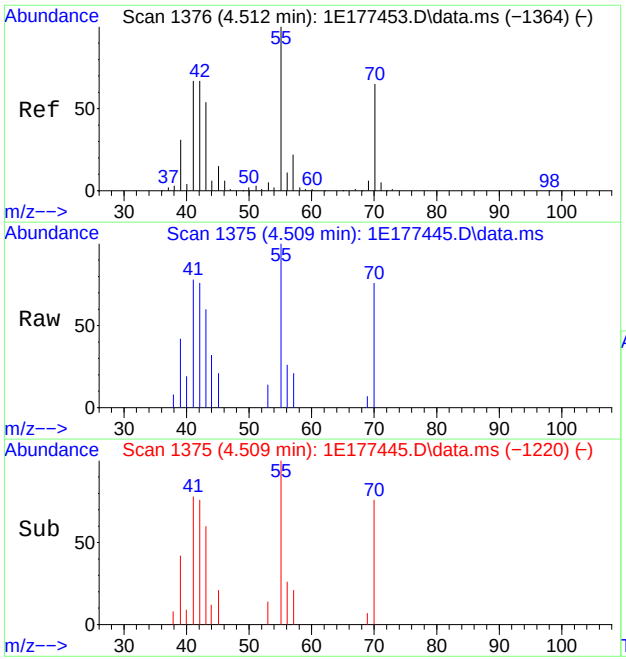


#70
4-methyl-2-pentanone
Concen: 8.42 ug/L
RT: 4.676 min Scan# 1427
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 58 Resp: 6647

Ion	Ratio	Lower	Upper
58	100		
43	248.0	210.4	270.4
100	38.6	14.6	74.6

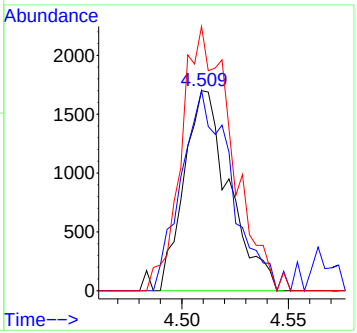


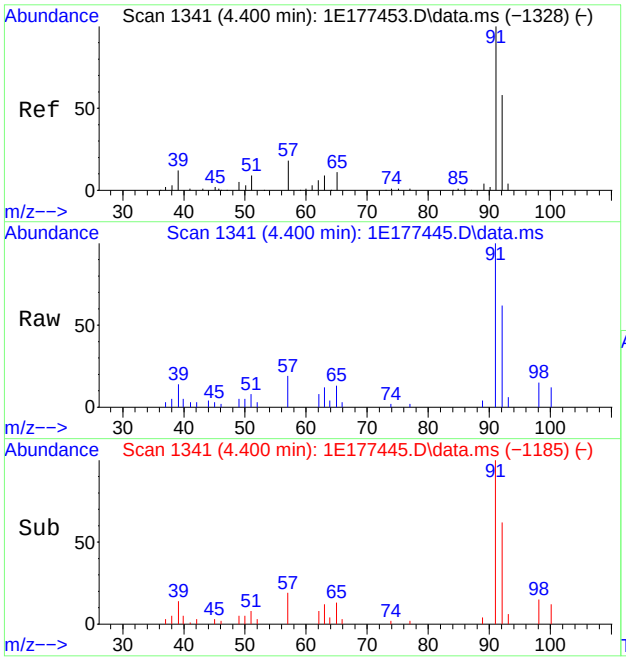


#71
3-methyl-1-butanol
Concen: 42.66 ug/L
RT: 4.509 min Scan# 1375
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 70 Resp: 2508

Ion	Ratio	Lower	Upper
70	100		
42	90.1	73.1	133.1
55	123.0	123.9	183.9#

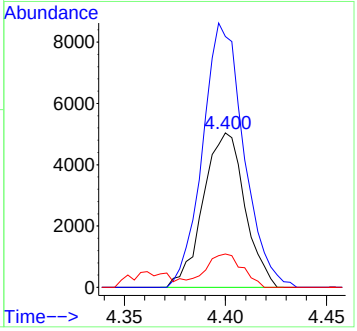


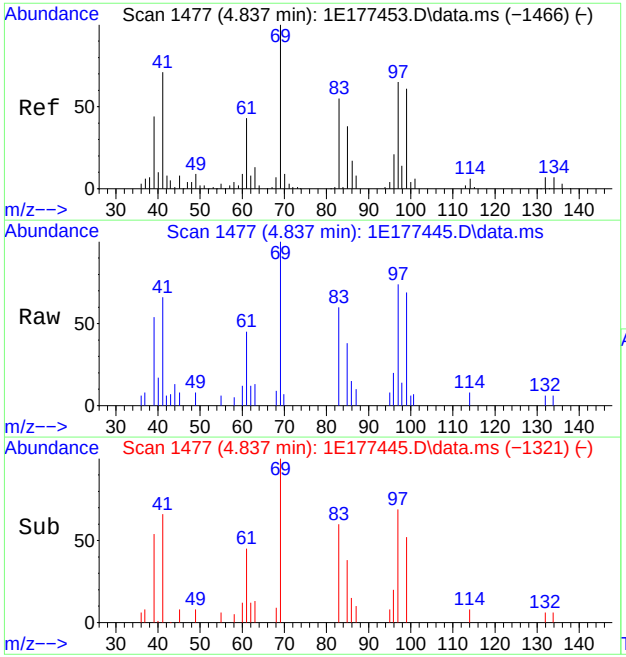


#74
toluene
Concen: 2.13 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 92 Resp: 7202

Ion	Ratio	Lower	Upper
92	100		
91	162.4	151.4	191.4
65	21.6	0.0	39.2

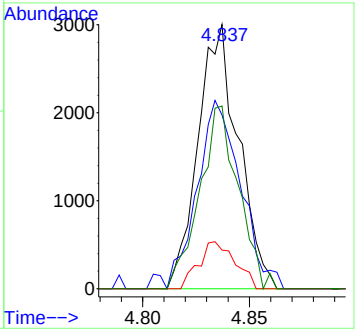


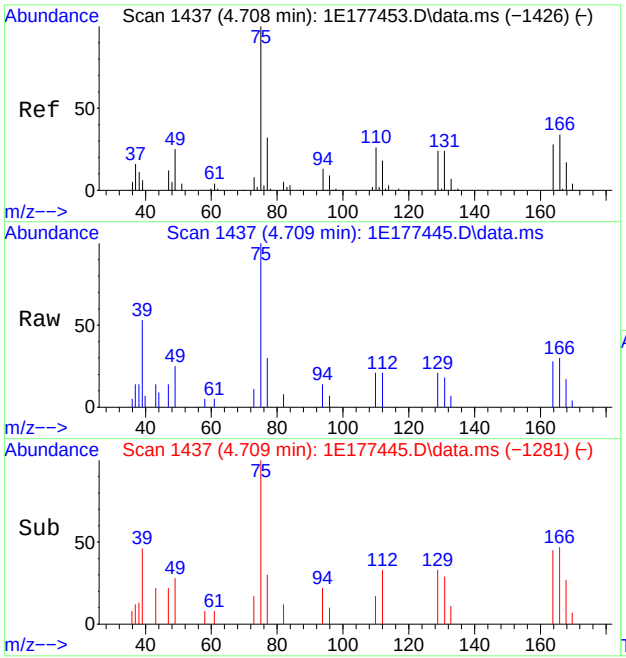


#75
ethyl methacrylate
Concen: 1.92 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 69 Resp: 3963

Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.1	91.1
86	14.7	0.0	36.7
99	69.1	41.3	81.3

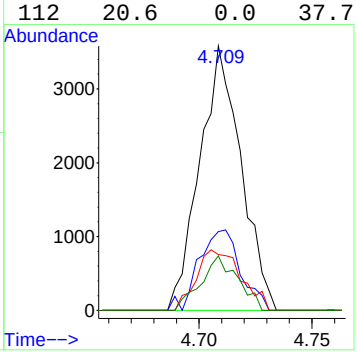


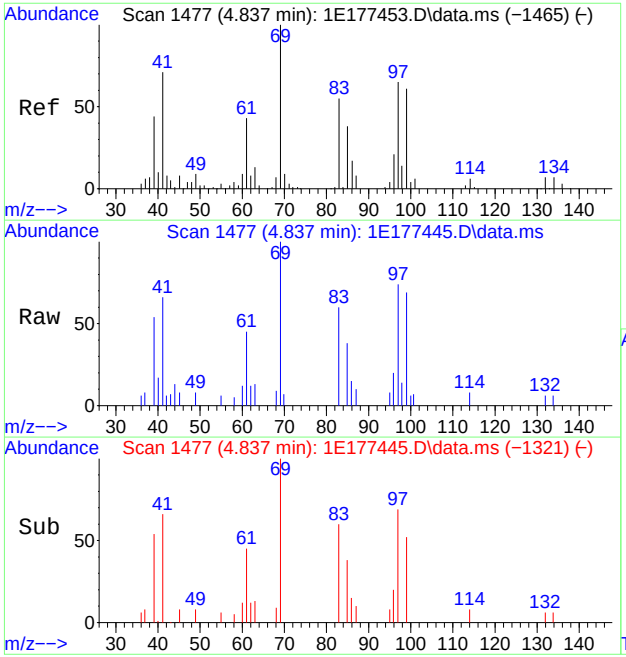


#76
trans-1,3-dichloropropene
Concen: 2.08 ug/L
RT: 4.709 min Scan# 1437
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 75 Resp: 4549

Ion	Ratio	Lower	Upper
75	100		
77	29.8	12.4	52.4
110	21.2	6.3	46.3
112	20.6	0.0	37.7

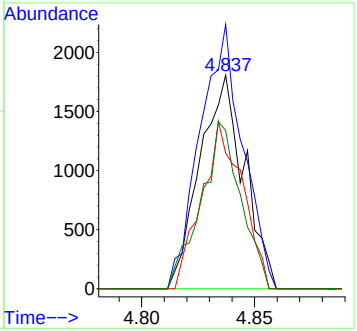


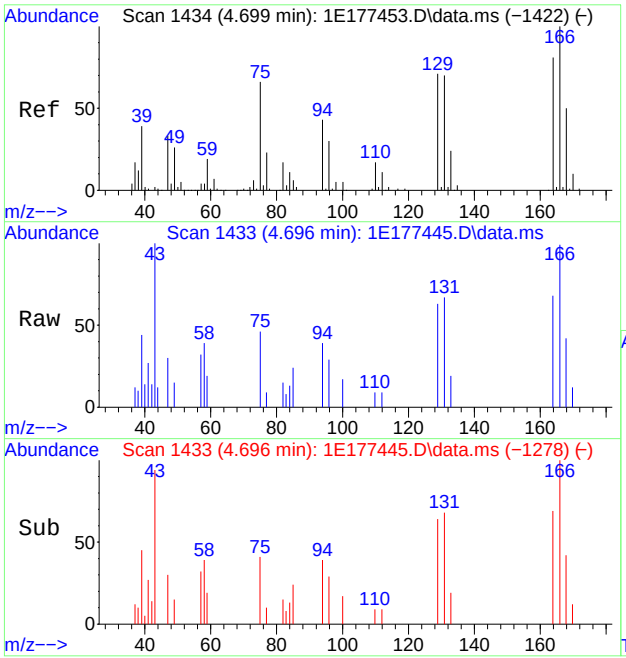


#77
1,1,2-trichloroethane
Concen: 1.97 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 83 Resp: 2457

Ion	Ratio	Lower	Upper
83	100		
97	123.8	97.4	137.4
85	63.6	48.3	88.3
61	74.2	56.7	96.7

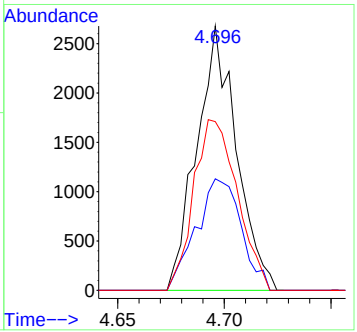


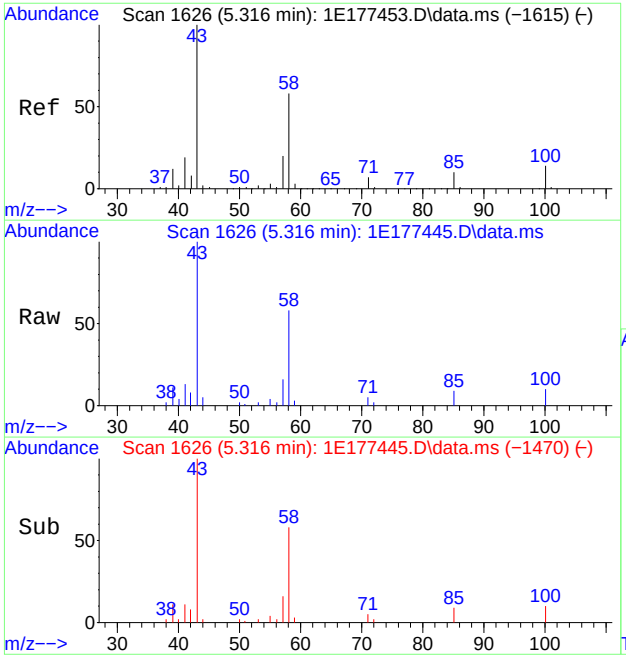


#78
tetrachloroethene
Concen: 2.12 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:166 Resp: 3474

Ion	Ratio	Lower	Upper
166	100		
168	42.3	20.1	80.1
129	63.8	41.0	101.0

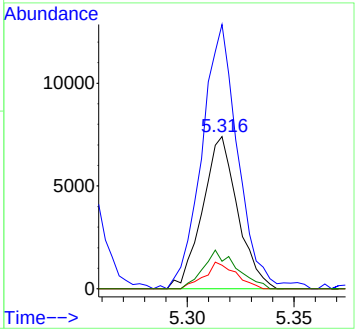


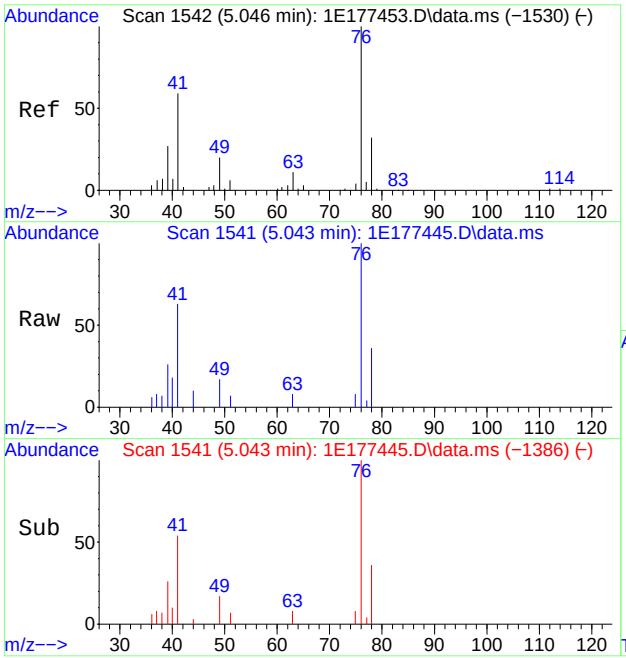


#79
2-hexanone
Concen: 8.81 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 58 Resp: 8509

Ion	Ratio	Lower	Upper
58	100		
43	171.5	153.6	193.6
85	15.5	0.0	37.1
100	18.0	5.0	45.0

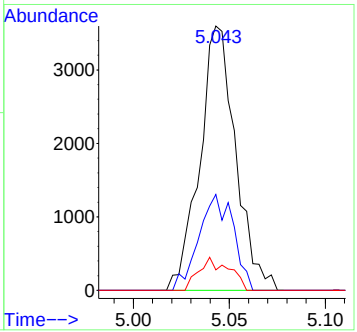


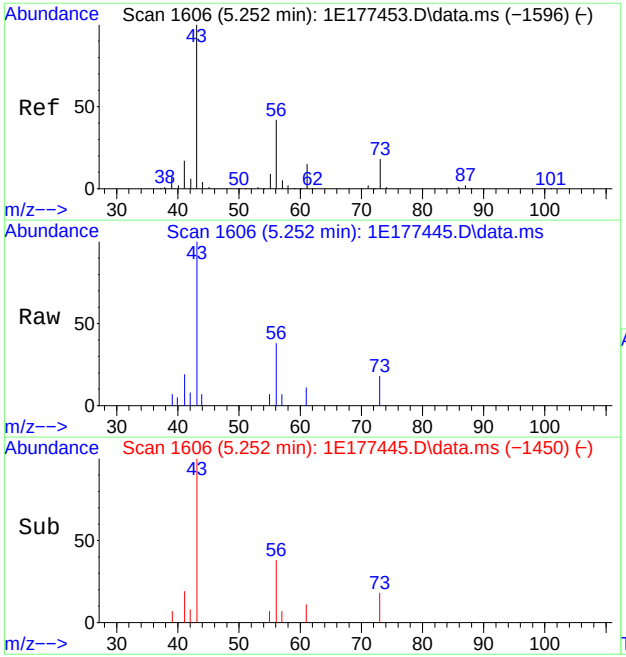


#80
1,3-dichloropropane
Concen: 2.02 ug/L
RT: 5.043 min Scan# 1541
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 76 Resp: 4691

Ion	Ratio	Lower	Upper
76	100		
78	36.2	2.4	62.4
63	7.8	0.0	41.1

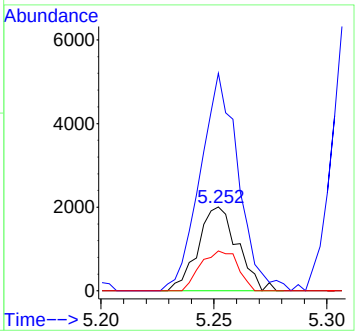


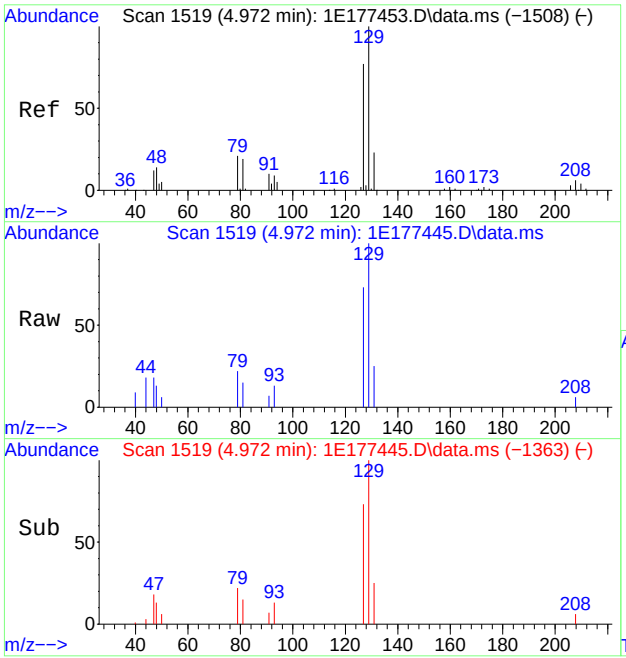


#81
butyl acetate
Concen: 2.05 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 56 Resp: 2432

Ion	Ratio	Lower	Upper
56	100		
43	259.8	205.8	265.8
73	47.6	13.1	73.1

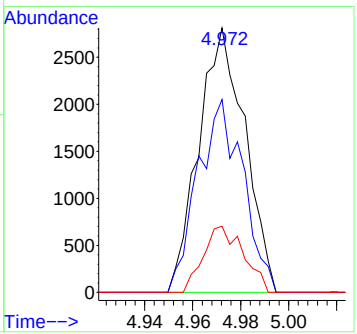


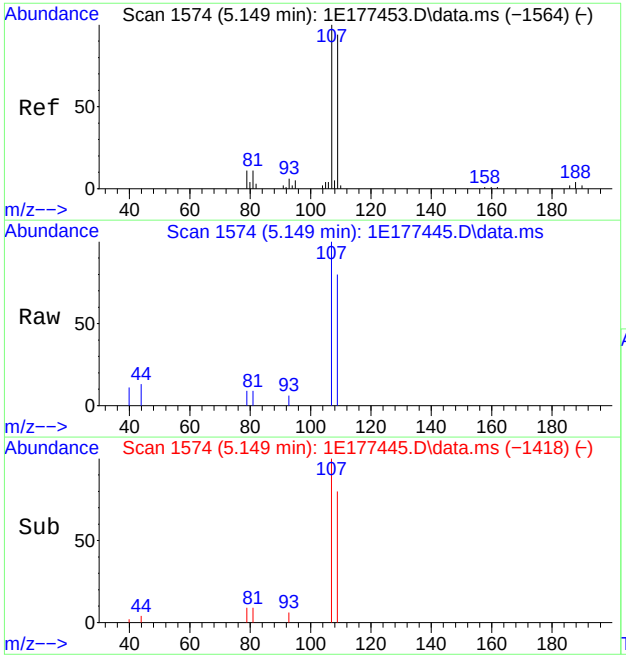


#82
dibromochloromethane
Concen: 2.09 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:129 Resp: 3761

Ion	Ratio	Lower	Upper
129	100		
127	72.9	47.3	107.3
131	25.0	0.0	52.9

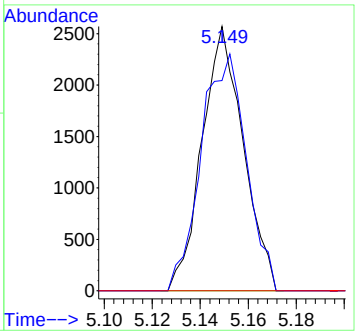


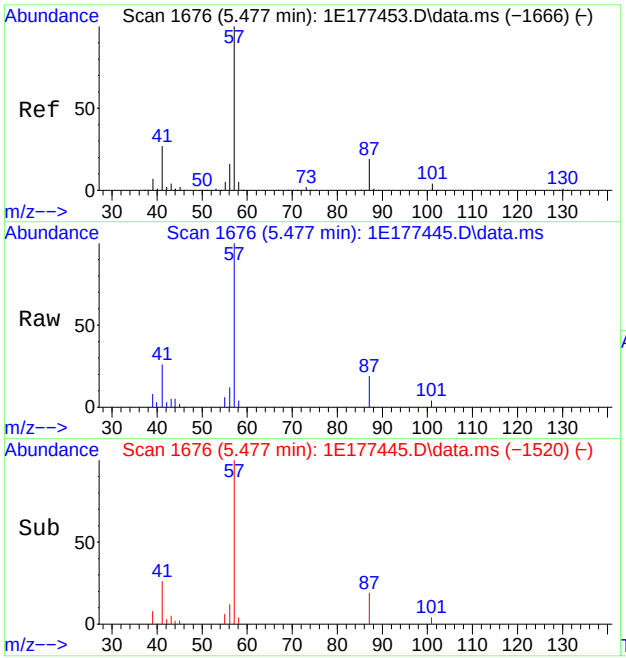


#83
1,2-dibromoethane
Concen: 1.99 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:107 Resp: 3066

Ion	Ratio	Lower	Upper
107	100		
109	79.5	63.9	123.9
188	0.0	0.0	34.1

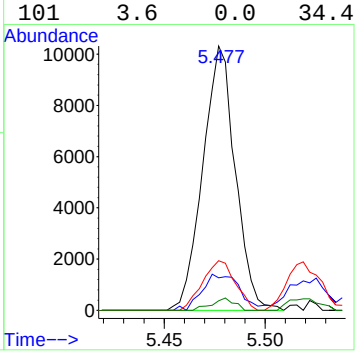


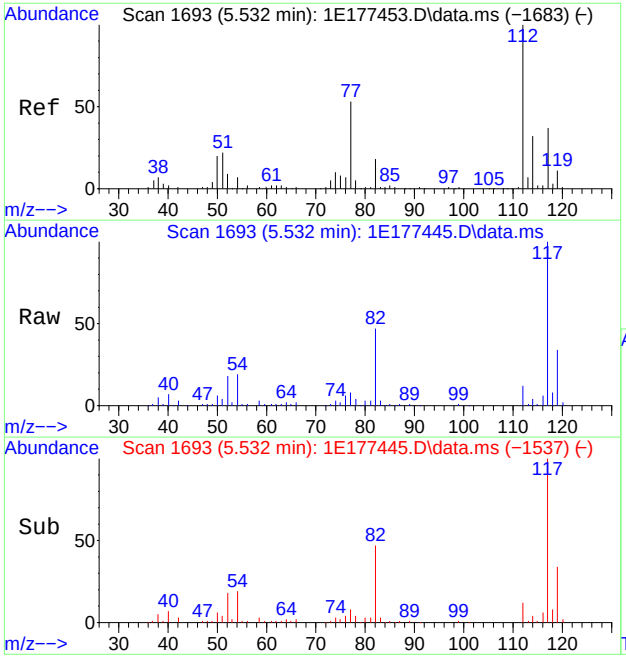


#84
n-butyl ether
Concen: 2.08 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 57 Resp: 11520

Ion	Ratio	Lower	Upper
57	100		
56	12.3	0.0	45.9
87	18.8	0.0	49.2
101	3.6	0.0	34.4

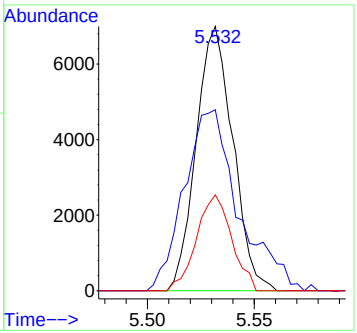


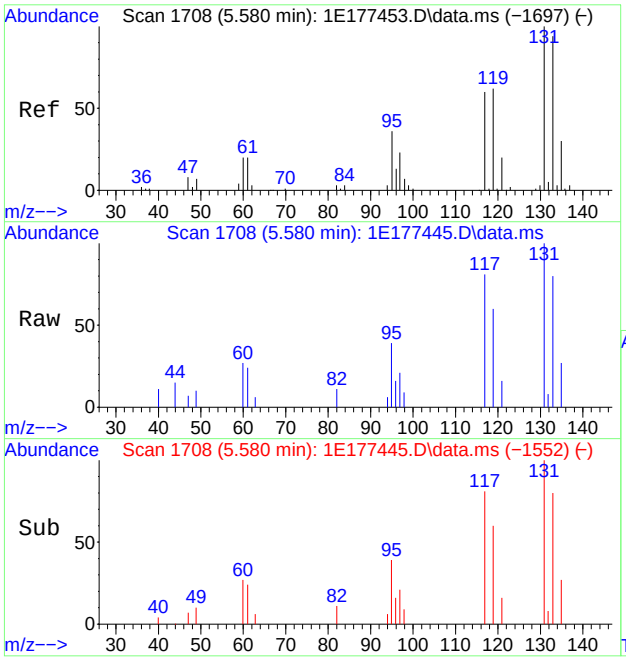


#85
chlorobenzene
Concen: 2.10 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:112 Resp: 8402

Ion	Ratio	Lower	Upper
112	100		
77	60.0	23.2	83.2
114	36.3	2.3	62.3

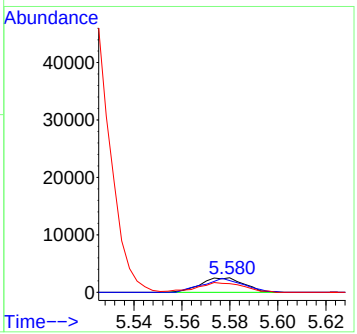


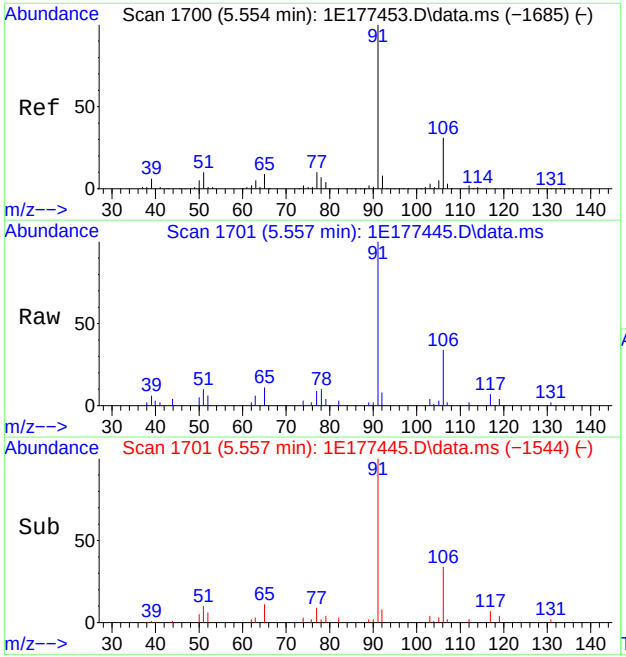


#86
1,1,1,2-tetrachloroethane
Concen: 2.12 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:131 Resp: 3194

Ion	Ratio	Lower	Upper
131	100		
133	80.3	64.5	124.5
119	60.0	33.5	93.5

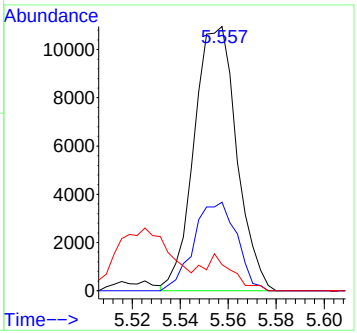


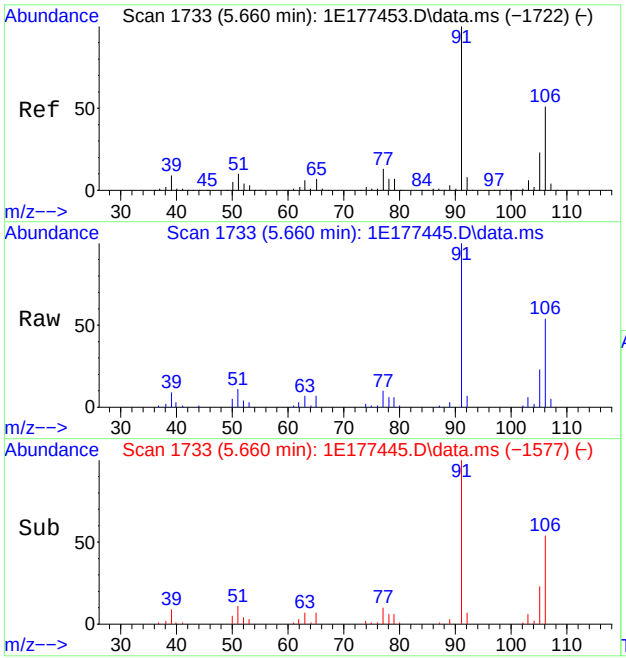


#87
ethylbenzene
Concen: 2.05 ug/L
RT: 5.557 min Scan# 1701
Delta R.T. 0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 91 Resp: 13466

Ion	Ratio	Lower	Upper
91	100		
106	33.5	1.0	61.0
51	9.8	0.0	40.1

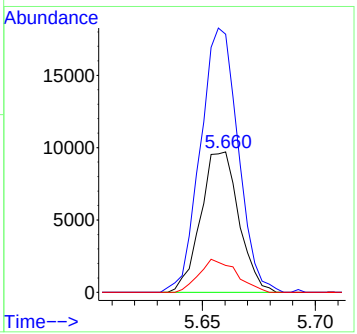


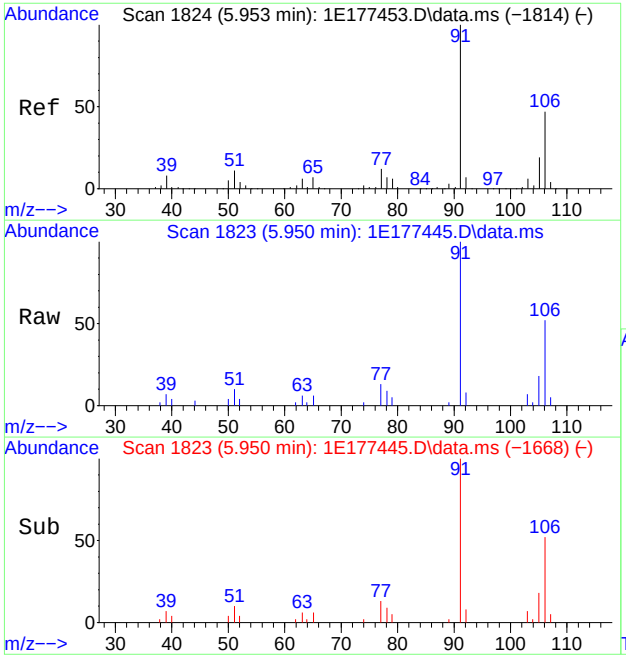


#88
m,p-xylene
Concen: 4.50 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:106 Resp: 11356

Ion	Ratio	Lower	Upper
106	100		
91	183.7	166.4	226.4
77	19.2	5.3	45.3

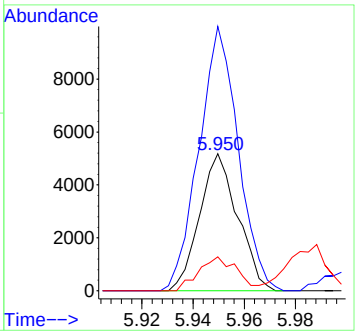


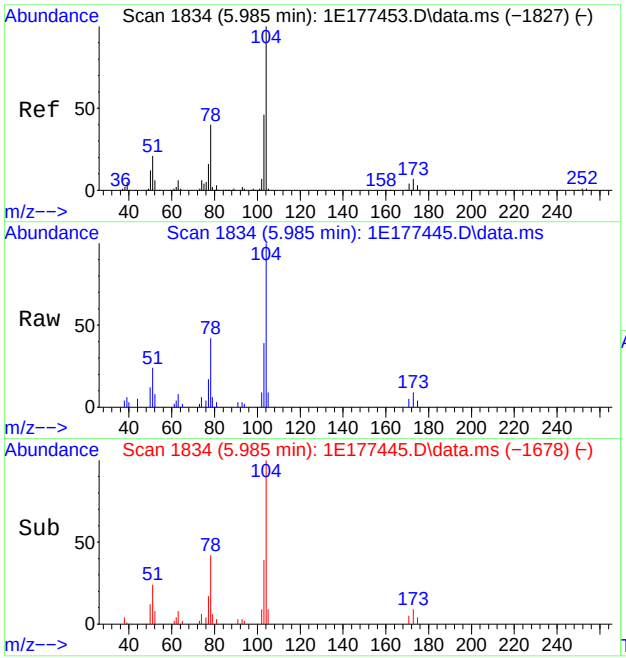


#89
o-xylene
Concen: 2.11 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:106 Resp: 5358

Ion	Ratio	Lower	Upper
106	100		
91	193.0	184.0	244.0
77	24.8	6.6	46.6

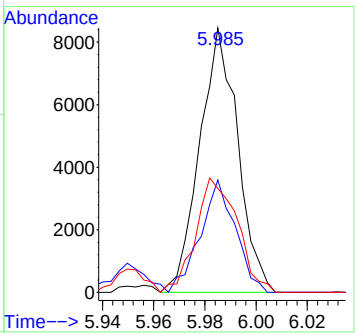


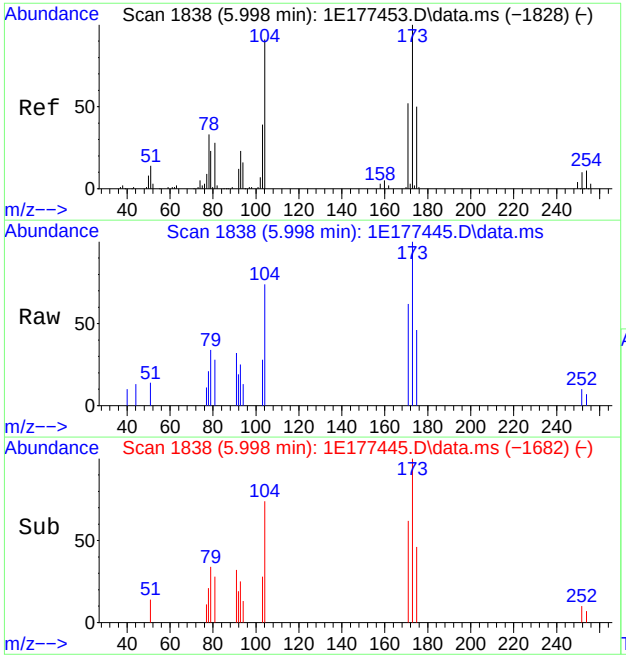


#90
styrene
Concen: 2.02 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:104 Resp: 8747

Ion	Ratio	Lower	Upper
104	100		
78	40.6	12.2	72.2
103	39.3	18.0	78.0

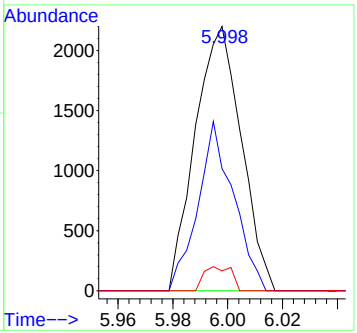


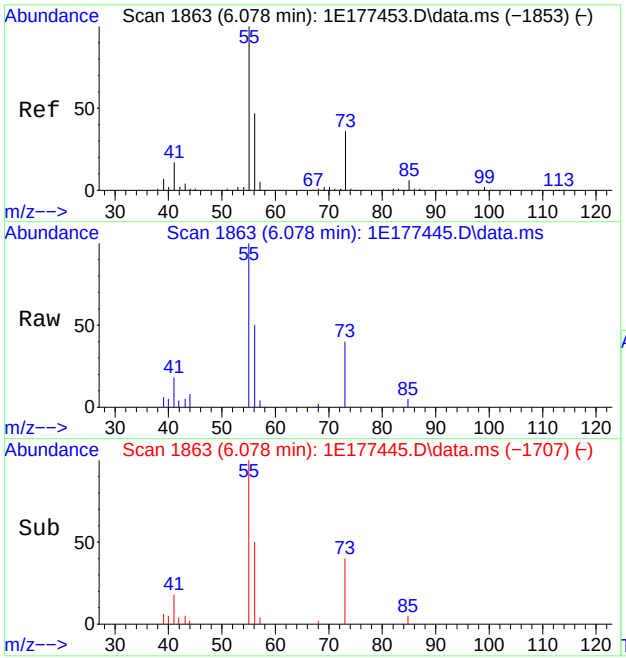


#91
bromoform
Concen: 2.02 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:173 Resp: 2567

Ion	Ratio	Lower	Upper
173	100		
175	46.3	20.2	80.2
254	7.5	0.0	40.9

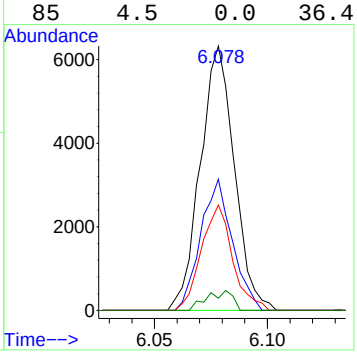


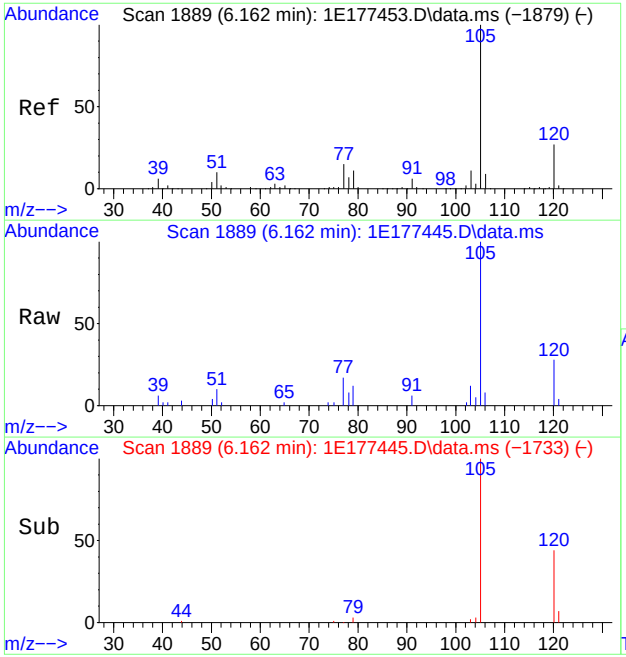


#92
butyl acrylate
Concen: 2.10 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 55 Resp: 6626

Ion	Ratio	Lower	Upper
55	100		
56	49.6	17.5	77.5
73	39.9	5.8	65.8
85	4.5	0.0	36.4

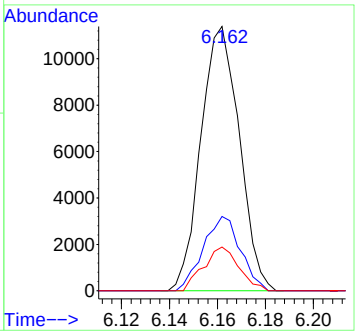


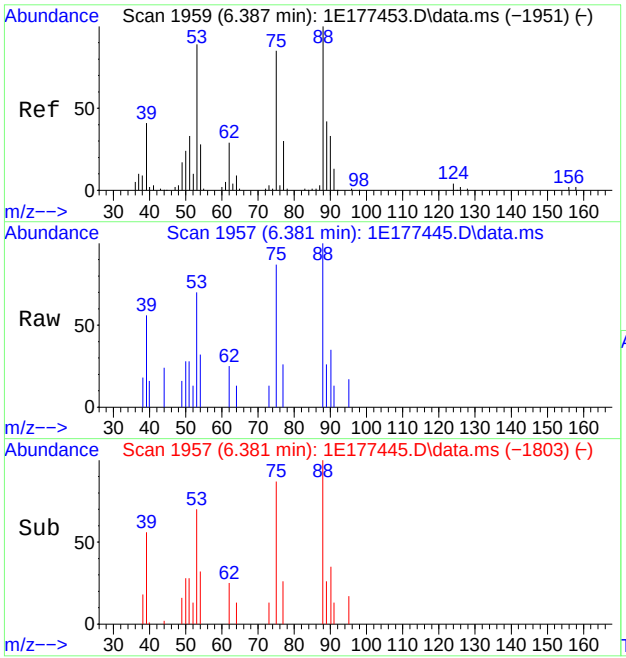


#93
isopropylbenzene
Concen: 2.04 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:105 Resp: 12655

Ion	Ratio	Lower	Upper
105	100		
120	28.1	6.8	46.8
77	16.6	0.0	34.9

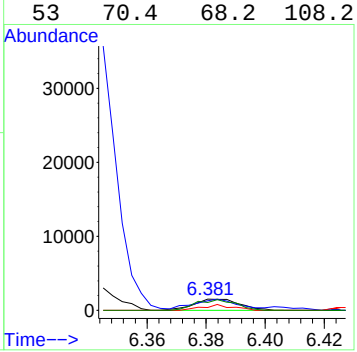


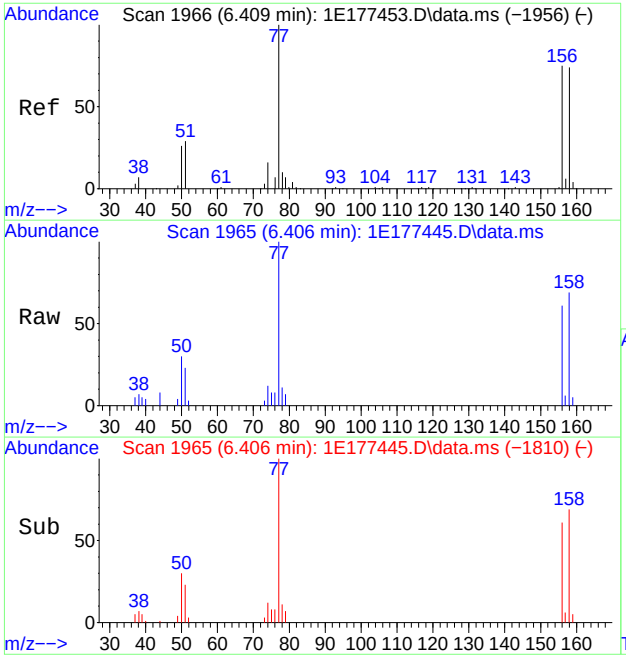


#94
cis-1,4-dichloro-2-butene
Concen: 1.90 ug/L
RT: 6.381 min Scan# 1957
Delta R.T. -0.006 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 88 Resp: 1659

Ion	Ratio	Lower	Upper
88	100		
75	69.0	64.1	104.1
89	26.2	22.2	62.2
53	70.4	68.2	108.2

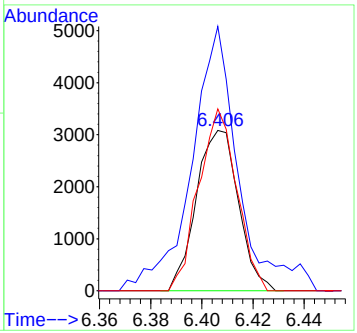


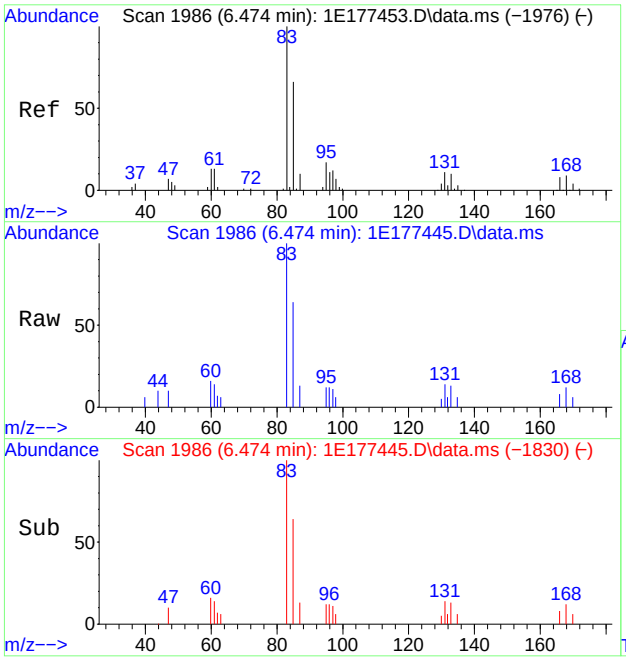


#97
bromobenzene
Concen: 2.08 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:156 Resp: 3530

Ion	Ratio	Lower	Upper
156	100		
77	148.8	106.4	166.4
158	113.3	68.2	128.2

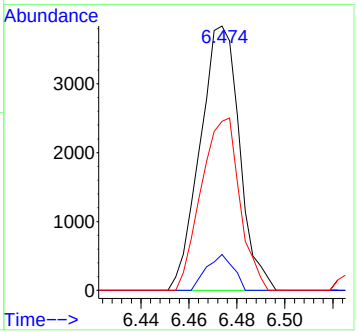


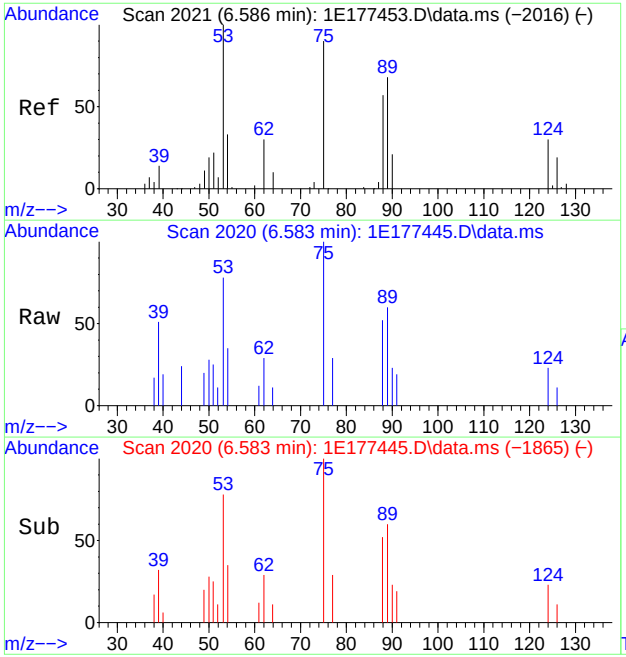


#98
1,1,2,2-tetrachloroethane
Concen: 2.08 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 83 Resp: 4379

Ion	Ratio	Lower	Upper
83	100		
131	13.6	0.0	41.0
85	63.9	36.4	96.4

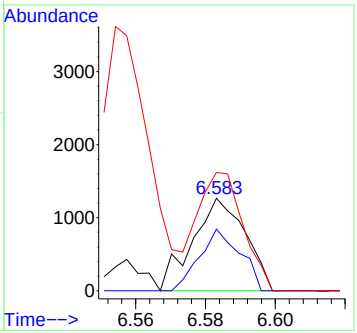


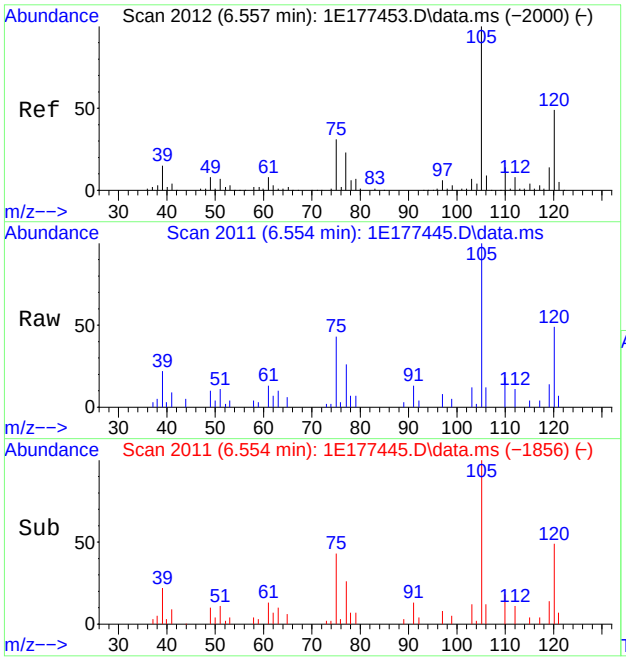


#99
trans-1,4-dichloro-2-butene
Concen: 1.67 ug/L
RT: 6.583 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 53 Resp: 1330

Ion	Ratio	Lower	Upper
53	100		
88	66.7	22.7	82.7
75	128.1	94.8	154.8

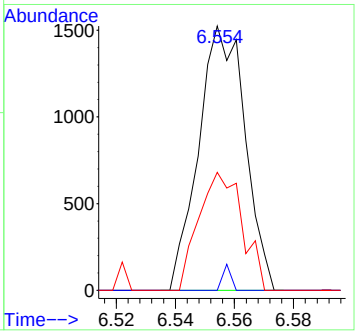


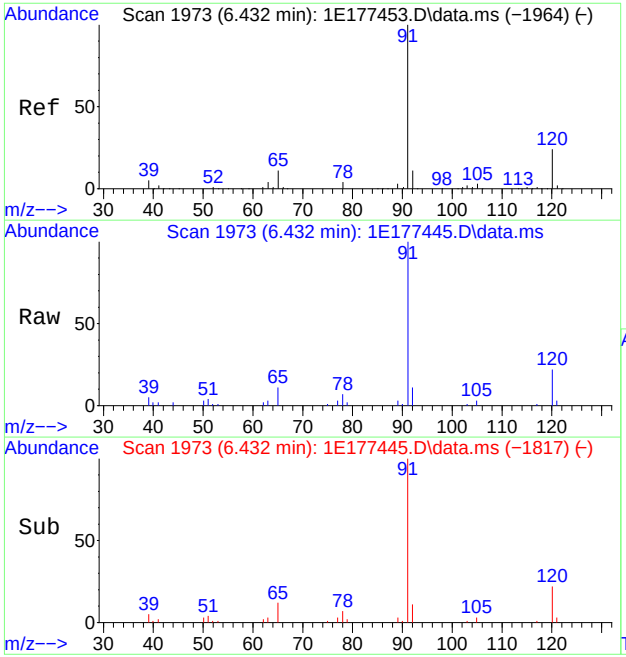


#100
1,2,3-trichloropropane
Concen: 2.19 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:110 Resp: 1661

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	38.2
97	44.6	14.3	74.3

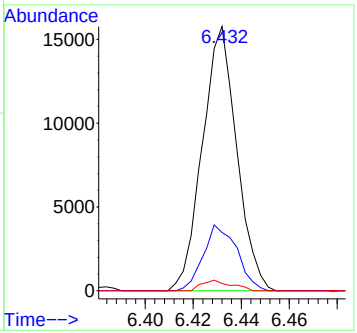


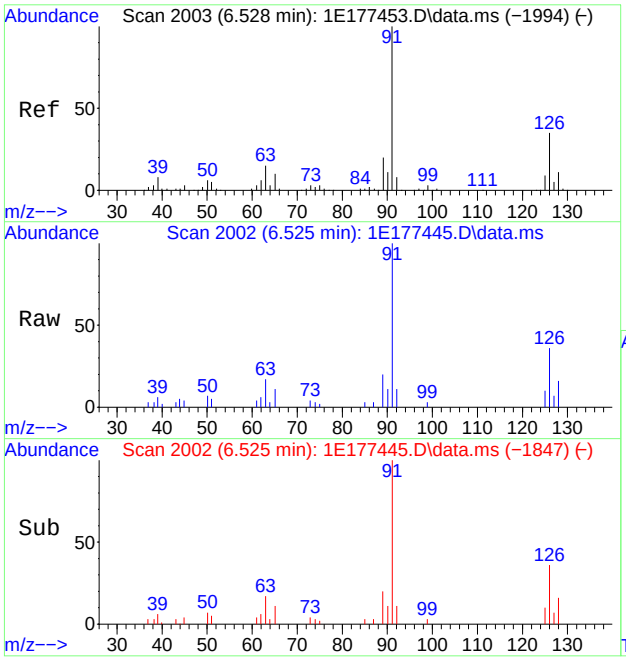


#101
n-propylbenzene
Concen: 2.05 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 91 Resp: 15673

Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	53.6
105	2.8	0.0	33.5

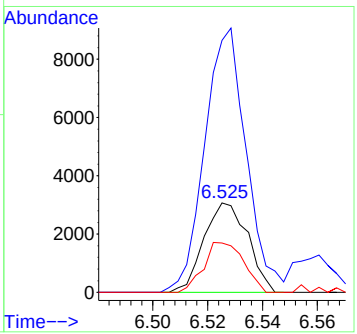


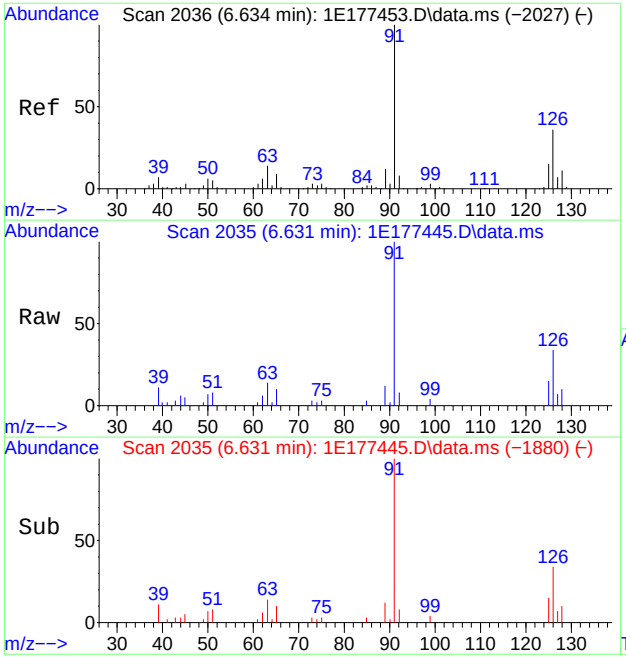


#102
2-chlorotoluene
Concen: 2.08 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:126 Resp: 3413

Ion	Ratio	Lower	Upper
126	100		
91	281.4	257.7	317.7
89	55.2	26.9	86.9

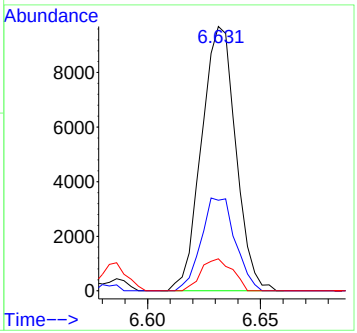


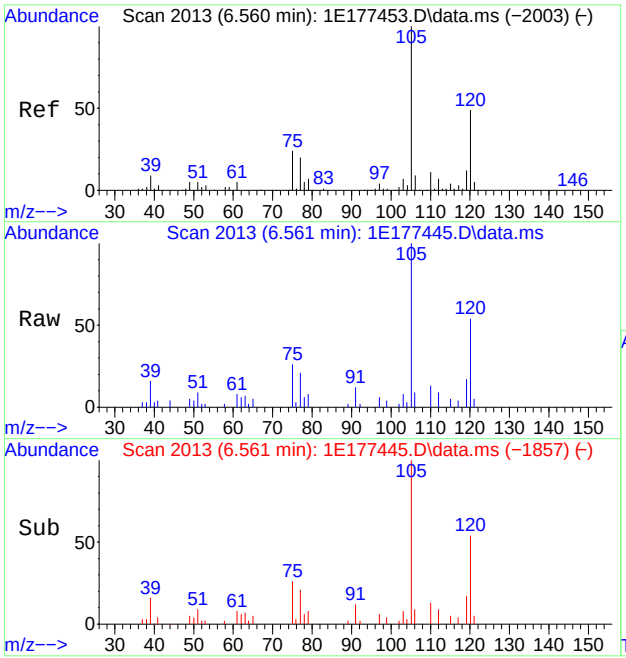


#103
4-chlorotoluene
Concen: 2.05 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion: 91 Resp: 10207

Ion	Ratio	Lower	Upper
91	100		
126	34.2	5.7	65.7
89	12.1	0.0	41.7

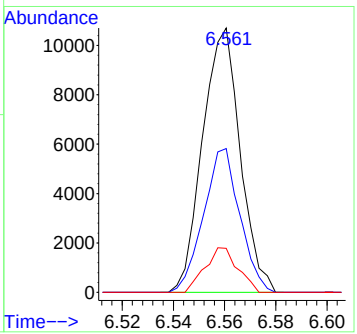


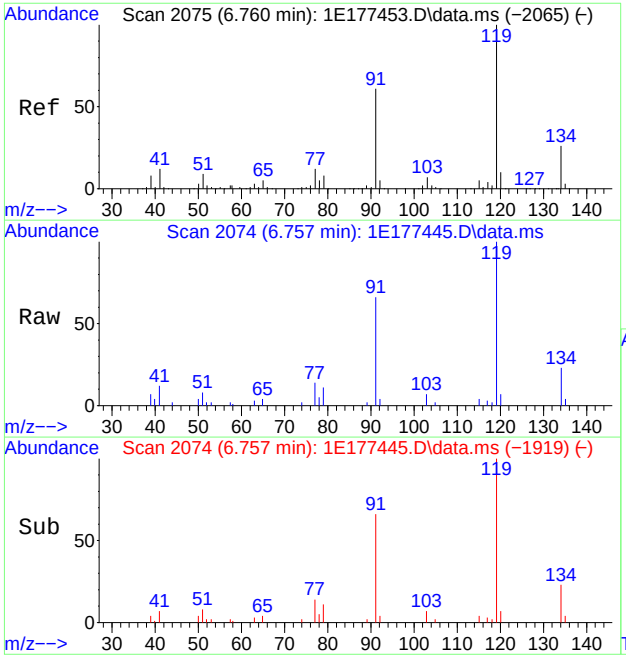


#104
1,3,5-trimethylbenzene
Concen: 1.97 ug/L
RT: 6.561 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:105 Resp: 10928

Ion	Ratio	Lower	Upper
105	100		
120	54.4	18.8	78.8
119	16.7	0.0	42.5

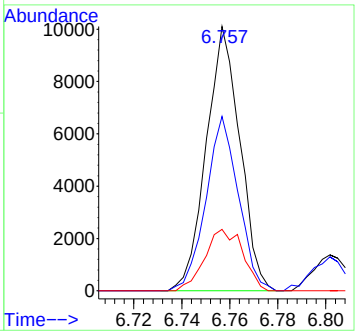


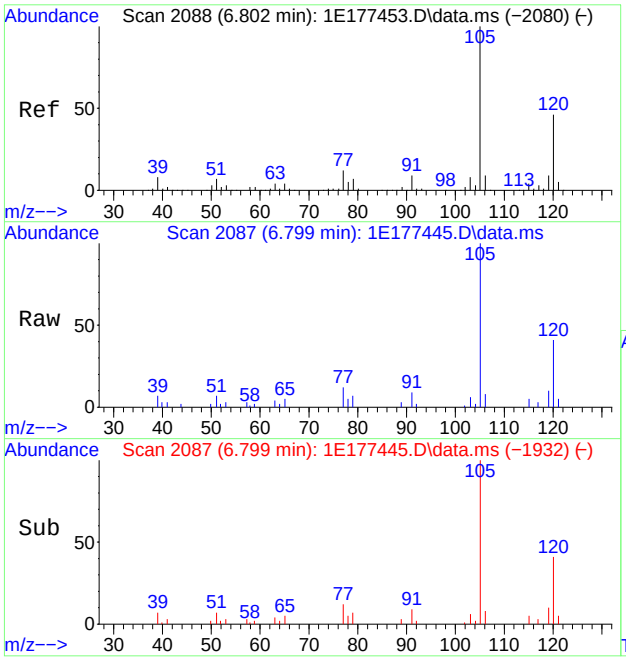


#105
tert-butylbenzene
Concen: 2.08 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:119 Resp: 9835

Ion	Ratio	Lower	Upper
119	100		
91	65.9	30.8	90.8
134	23.2	0.0	55.6

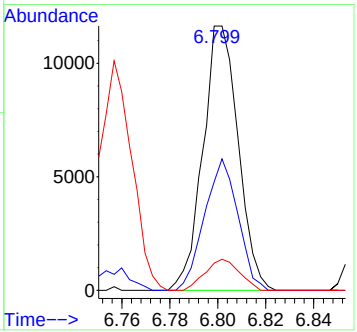


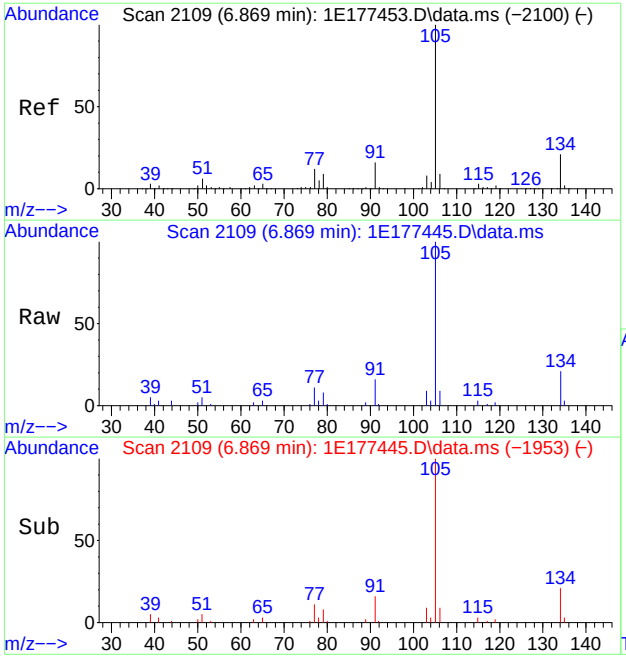


#106
1,2,4-trimethylbenzene
Concen: 2.13 ug/L
RT: 6.799 min Scan# 2087
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:105 Resp: 11893

Ion	Ratio	Lower	Upper
105	100		
120	41.0	16.7	76.7
119	10.4	0.0	42.3

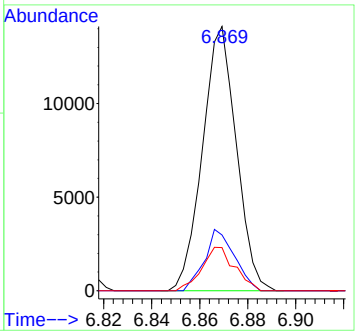


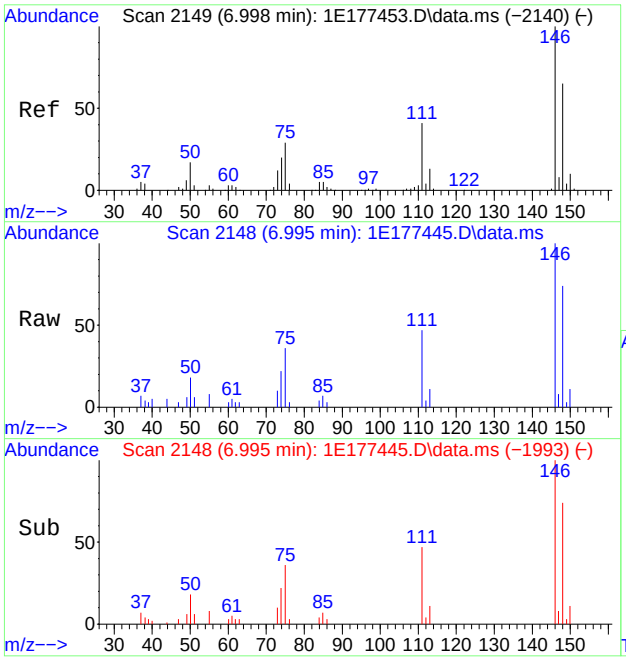


#107
sec-butylbenzene
Concen: 2.07 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:105 Resp: 13835

Ion	Ratio	Lower	Upper
105	100		
134	21.1	0.0	51.2
91	16.3	0.0	46.0

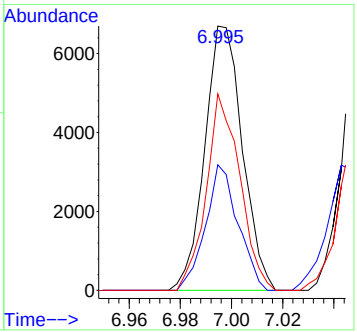


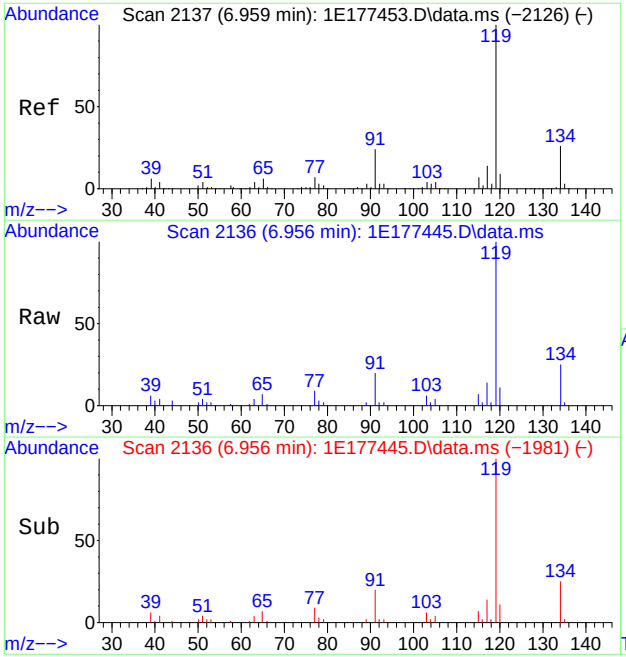


#108
1,3-dichlorobenzene
Concen: 2.11 ug/L
RT: 6.995 min Scan# 2148
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:146 Resp: 6858

Ion	Ratio	Lower	Upper
146	100		
111	47.5	11.3	71.3
148	74.3	34.9	94.9

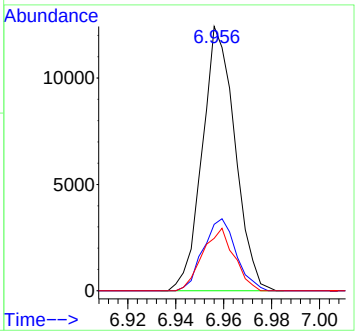


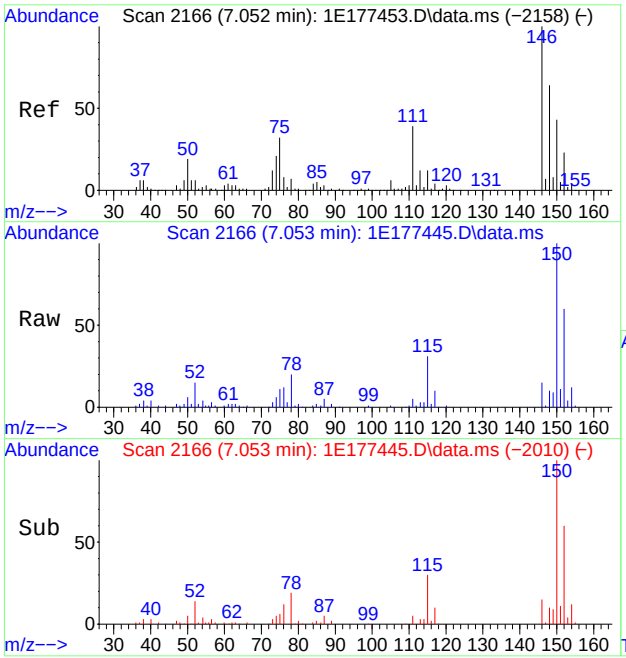


#109
p-isopropyltoluene
Concen: 2.15 ug/L
RT: 6.956 min Scan# 2136
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:119 Resp: 11769

Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	56.2
91	19.9	0.0	53.6

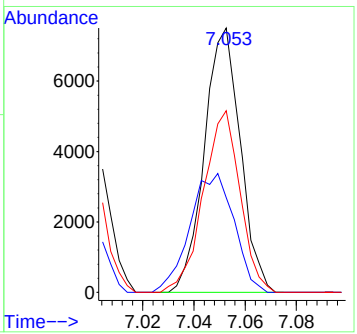


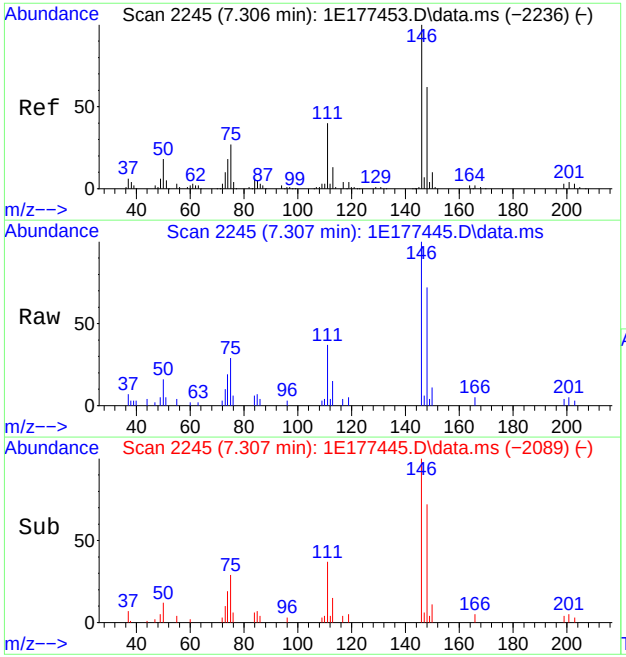


#110
1,4-dichlorobenzene
Concen: 1.99 ug/L
RT: 7.053 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:146 Resp: 7329

Ion	Ratio	Lower	Upper
146	100		
111	35.8	9.4	69.4
148	68.7	34.4	94.4

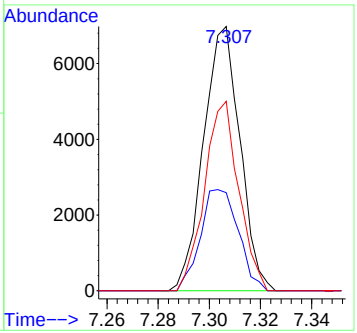


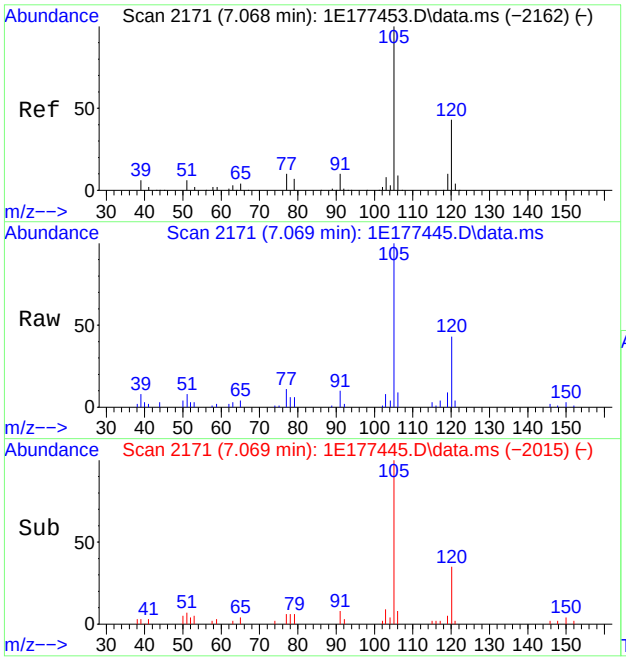


#111
1,2-dichlorobenzene
Concen: 2.06 ug/L
RT: 7.307 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:146 Resp: 6904

Ion	Ratio	Lower	Upper
146	100		
111	37.2	10.1	70.1
148	71.7	31.9	91.9

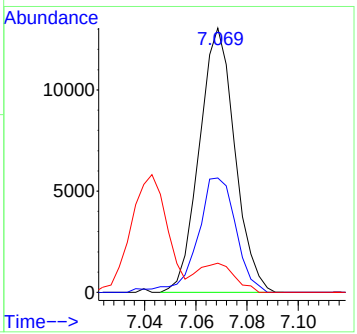


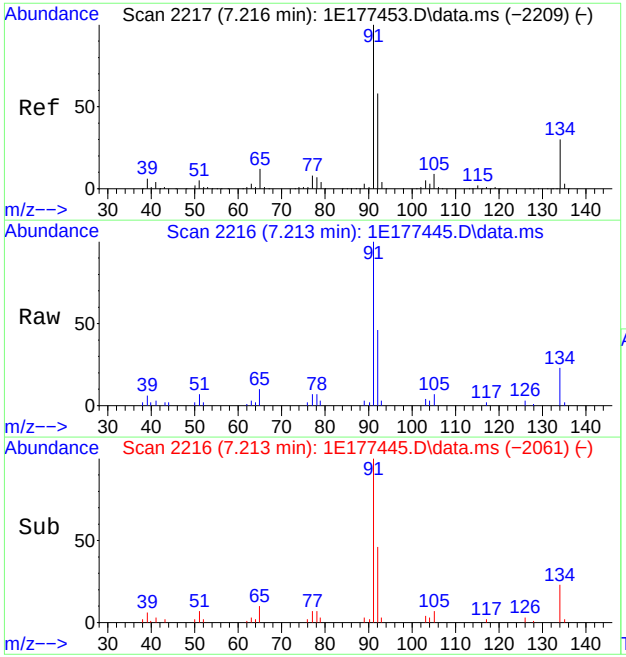


#112
1,2,3-trimethylbenzene
Concen: 2.17 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:105 Resp: 12619

Ion	Ratio	Lower	Upper
105	100		
120	43.2	13.3	73.3
77	11.1	0.0	41.9

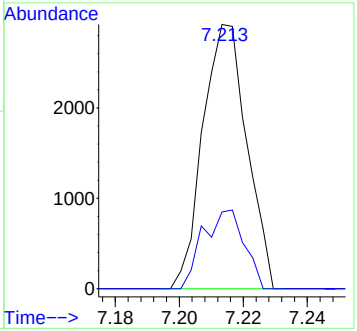


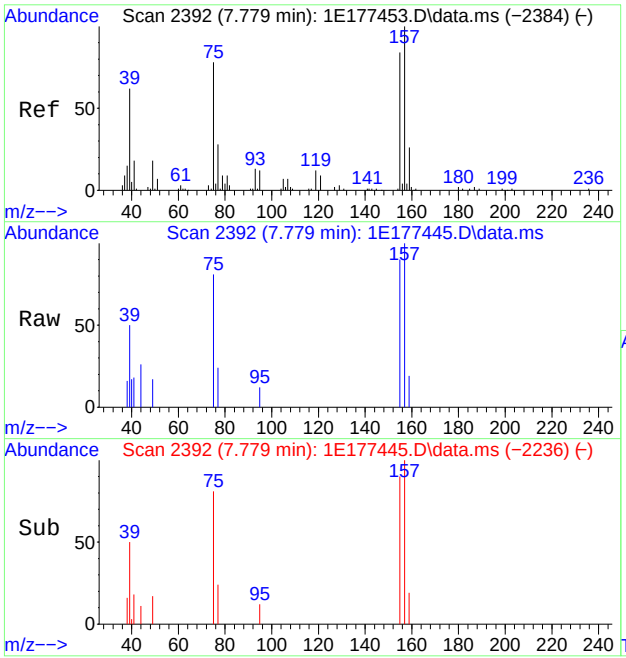


#113
n-butylbenzene
Concen: 2.10 ug/L
RT: 7.213 min Scan# 2216
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:134 Resp: 2793

Ion	Ratio	Lower	Upper
134	100		
105	29.1	0.7	60.7

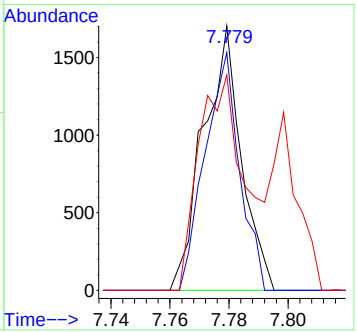


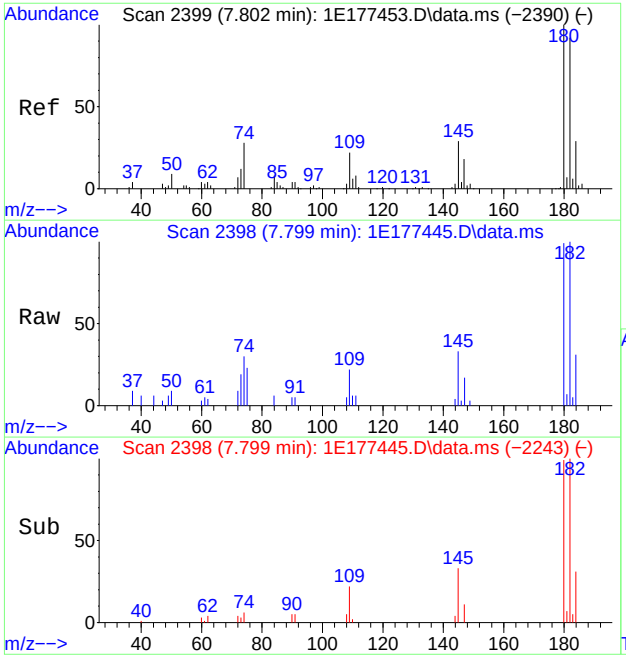


#114
1,2-dibromo-3-chloropropane
Concen: 2.12 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:157 Resp: 1512

Ion	Ratio	Lower	Upper
157	100		
155	89.8	54.1	114.1
75	81.4	48.2	108.2

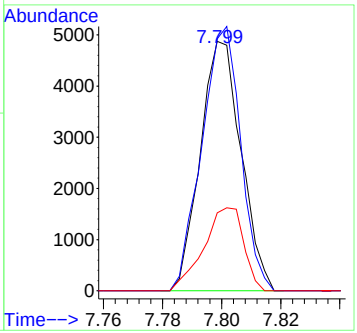


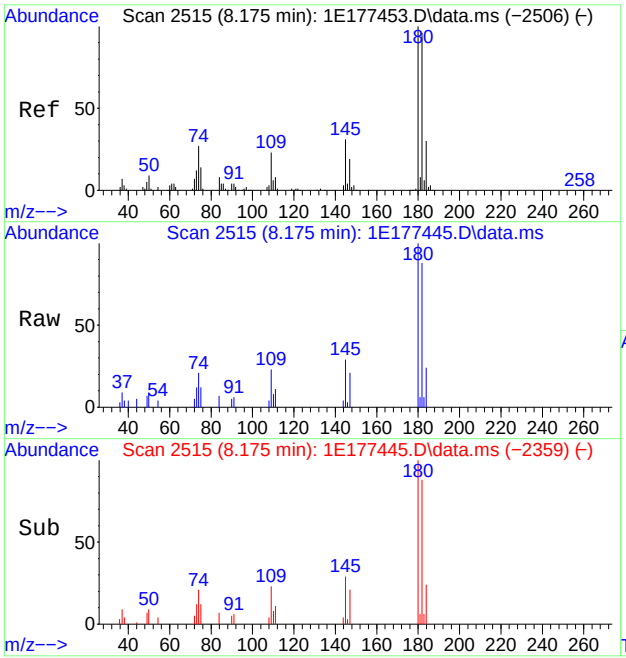


#115
1,3,5-trichlorobenzene
Concen: 2.08 ug/L
RT: 7.799 min Scan# 2398
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:180 Resp: 4680

Ion	Ratio	Lower	Upper
180	100		
182	101.1	71.6	111.6
184	31.2	9.2	49.2

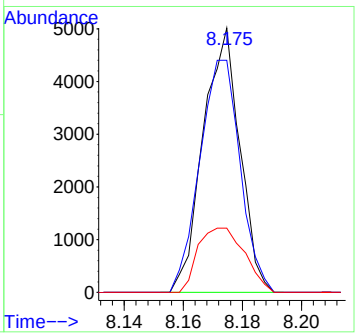




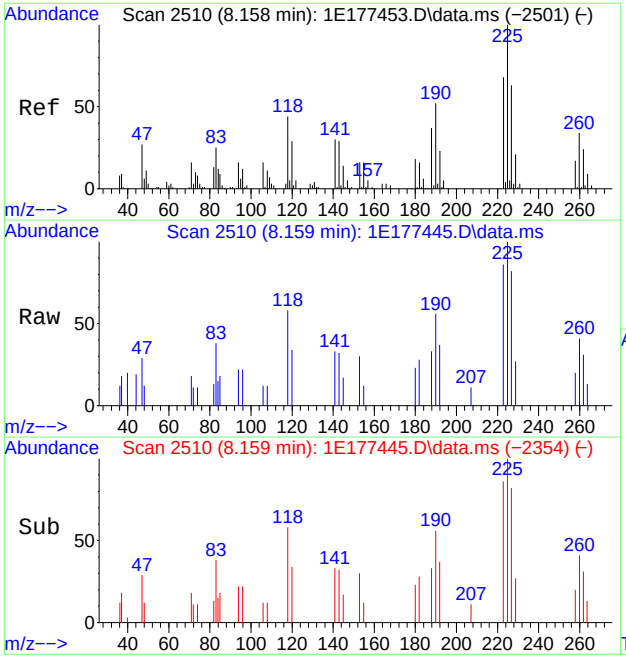
#116
1,2,4-trichlorobenzene
Concen: 1.98 ug/L
RT: 8.175 min Scan# 2515
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:180 Resp: 4315

Ion	Ratio	Lower	Upper
180	100		
182	87.8	65.8	125.8
184	24.3	0.0	59.9



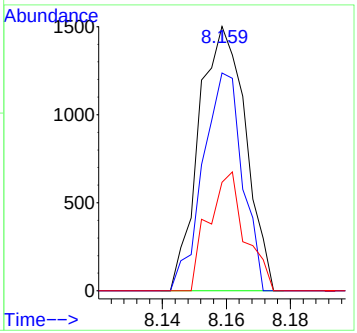
7.9.4
7

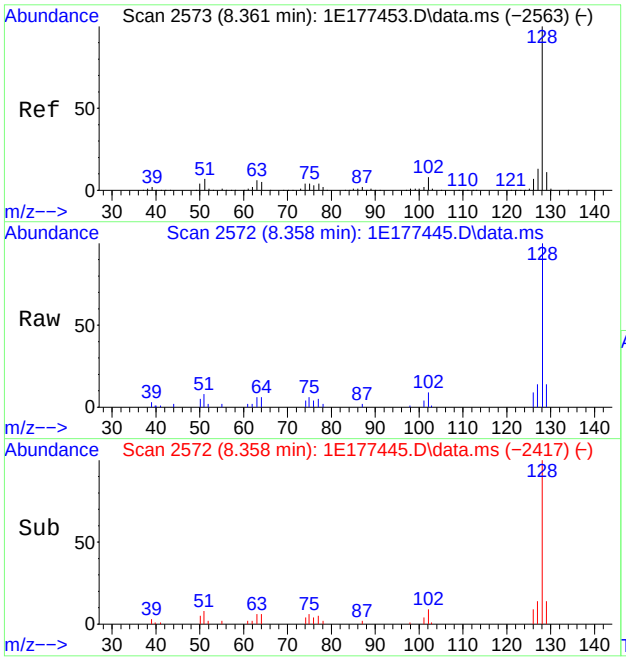


#117
hexachlorobutadiene
Concen: 2.10 ug/L
RT: 8.159 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:225 Resp: 1522

Ion	Ratio	Lower	Upper
225	100		
227	82.4	32.9	92.9
260	41.1	3.9	63.9

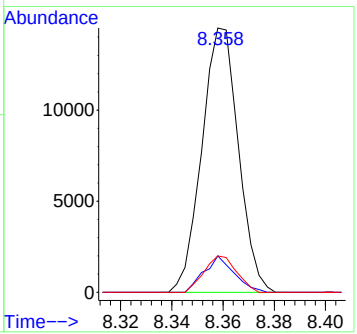


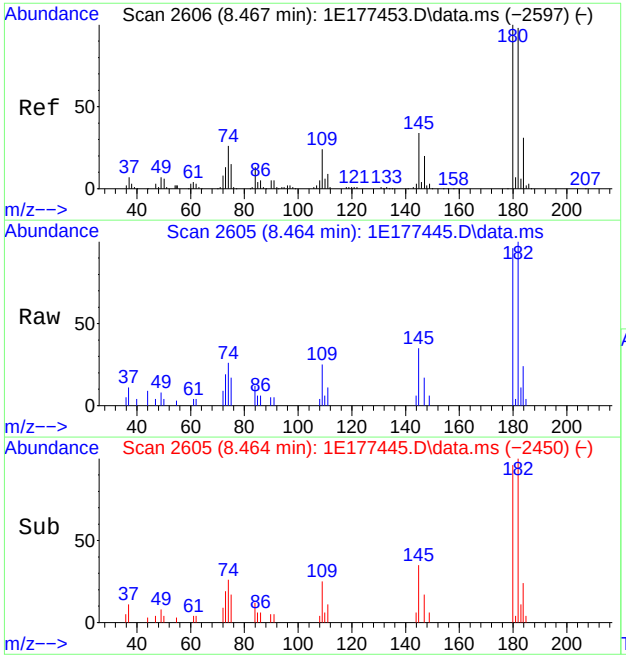


#118
naphthalene
Concen: 2.00 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:128 Resp: 14386

Ion	Ratio	Lower	Upper
128	100		
129	13.8	0.0	40.8
127	13.8	0.0	42.7

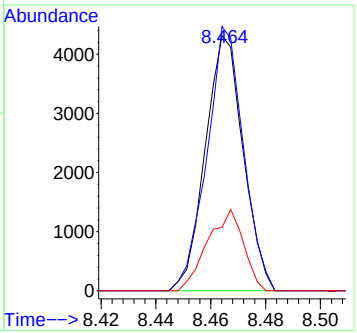


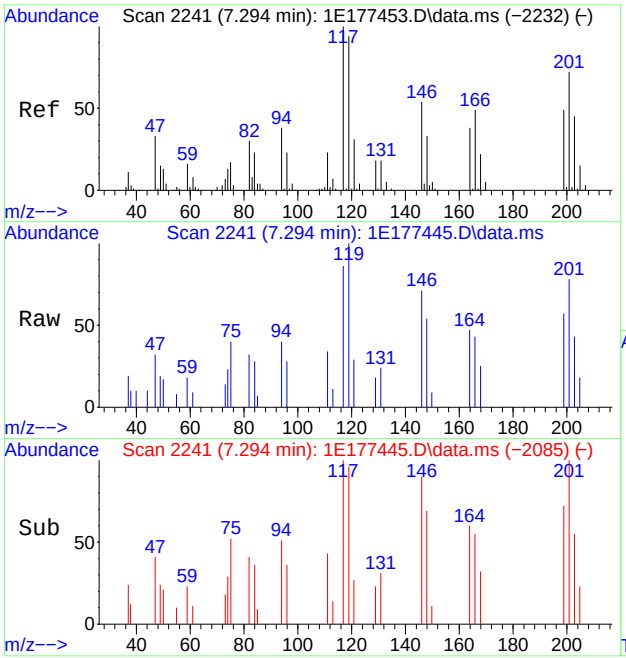


#119
1,2,3-trichlorobenzene
Concen: 2.02 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:180 Resp: 4149

Ion	Ratio	Lower	Upper
180	100		
182	103.7	67.6	127.6
184	24.9	1.0	61.0

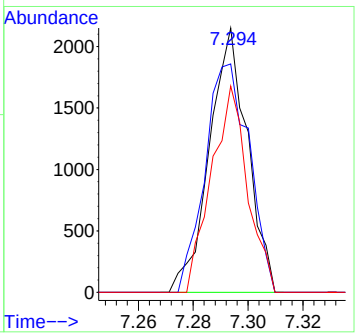


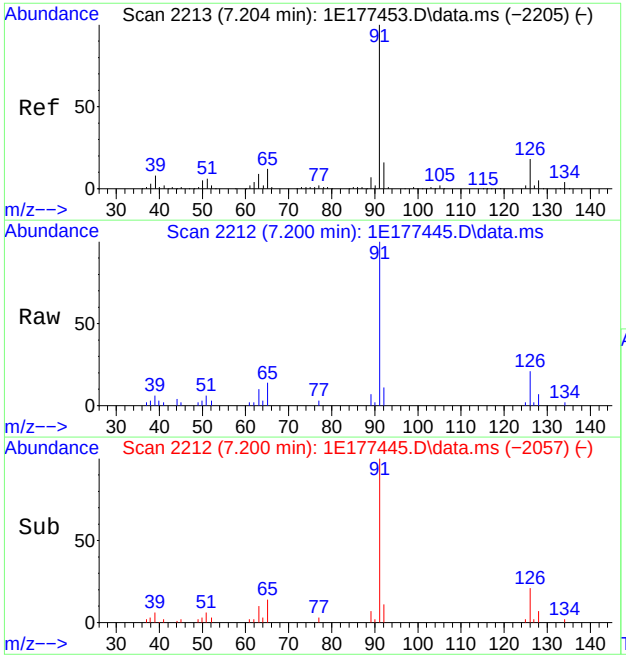


#120
hexachloroethane
Concen: 2.00 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:119 Resp: 2068

Ion	Ratio	Lower	Upper
119	100		
117	86.3	75.9	135.9
201	78.0	46.7	106.7

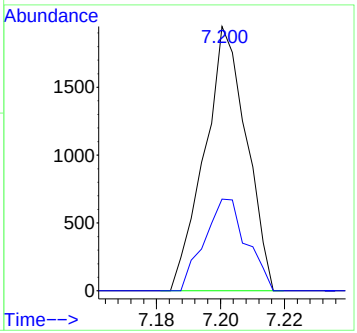


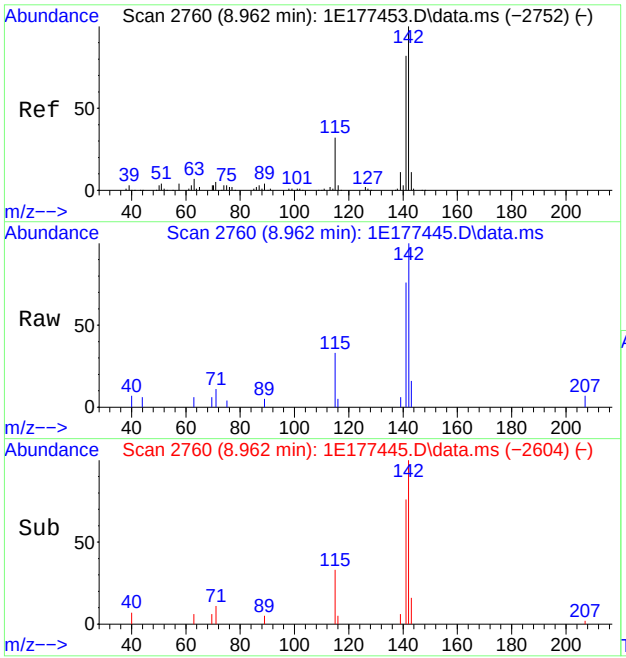


#121
benzyl chloride
Concen: 2.04 ug/L
RT: 7.200 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:126 Resp: 1772

Ion	Ratio	Lower	Upper
126	100		
128	34.7	0.9	60.9

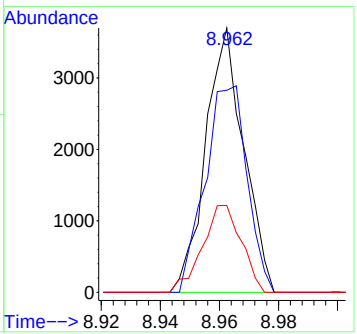




#122
2-methylnaphthalene
Concen: 1.08 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177445.D
Acq: 26 Oct 2023 05:41 pm

Tgt Ion:142 Resp: 3314

Ion	Ratio	Lower	Upper
142	100		
141	76.5	52.4	112.4
115	32.9	2.0	62.0



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/30/23 21:10

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177447.D
Acq On : 26 Oct 2023 06:09 pm
Operator : louied
Sample : ic8736-4
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 27 17:32:19 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	84432	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	110460	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.426	114	229266	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	206695	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	112364	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.837	113	72990	48.18	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 96.36%				
51) 1,2-dichloroethane-d4 (s)	3.143	65	76403	49.36	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.72%				
73) toluene-d8 (s)	4.361	98	259067	50.30	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.60%				
96) 4-bromofluorobenzene (s)	6.342	95	99297	50.19	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.38%				
Target Compounds							Qvalue
2) ethanol	1.651	45	4610	302.78	ug/L		81
3) tertiary butyl alcohol	2.107	59	5138	19.88	ug/L	#	84
4) 1,4-dioxane	3.914	88	1164	92.09	ug/L	#	66
6) chlorodifluoromethane	1.085	51	5730	3.69	ug/L		89
7) dichlorodifluoromethane	1.049	85	6705	3.27	ug/L		98
8) chloromethane	1.168	50	3850	3.46	ug/L		97
9) vinyl chloride	1.188	62	5041	3.96	ug/L		89
10) 1,3-butadiene	1.197	39	4382	3.48	ug/L		95
11) bromomethane	1.345	96	751	2.34	ug/L	#	70
12) chloroethane	1.406	64	2847	3.25	ug/L		90
13) trichlorofluoromethane	1.471	101	7984	3.76	ug/L		91
14) ethyl ether	1.602	74	2680	3.72	ug/L		96
15) acrolein	1.853	56	1320	4.71	ug/L		87
16) freon 113	1.715	151	3363	3.56	ug/L		87
17) 1,1-dichloroethene	1.702	61	6662	3.88	ug/L		98
18) acetone	1.979	58	5492	15.90	ug/L		97
19) acetonitrile	2.204	41	8543	52.01	ug/L		97
21) carbon disulfide	1.731	76	11819	3.70	ug/L		96
22) methylene chloride	1.966	84	5071	3.84	ug/L		92
23) methyl acetate	2.033	74	1286	3.92	ug/L		87
24) methyl tert butyl ether	2.081	73	15900	3.91	ug/L		94
25) trans-1,2-dichloroethene	2.040	61	6675	4.07	ug/L		97
26) hexane	2.072	57	10722	3.63	ug/L		96
27) di-isopropyl ether	2.255	45	15337	3.74	ug/L		94
28) ethyl tert-butyl ether	2.435	59	16779	3.86	ug/L		96
29) 2-butanone	2.905	72	5901	16.77	ug/L	#	72
30) 1,1-dichloroethane	2.336	63	9040	3.82	ug/L		96
31) chloroprene	2.319	53	7827	3.76	ug/L		98
32) acrylonitrile	2.352	52	2455	4.57	ug/L		91
33) vinyl acetate	2.435	86	1220	4.57	ug/L	#	41
34) ethyl acetate	2.789	70	775	3.69	ug/L	#	81
35) 2,2-dichloropropane	2.660	77	7500	3.70	ug/L		93
36) cis-1,2-dichloroethene	2.602	96	5710	3.90	ug/L		92
37) propionitrile	3.072	54	13108	42.44	ug/L		89
38) methyl acrylate	2.799	85	1236	4.02	ug/L	#	74
39) bromochloromethane	2.712	128	3050	4.03	ug/L		90
40) tetrahydrofuran	2.837	71	1148	4.32	ug/L	#	39
41) chloroform	2.744	47	2745	3.54	ug/L		90
43) methacrylonitrile	3.081	67	3186	3.63	ug/L		91
44) 1,1,1-trichloroethane	2.869	97	8921	3.92	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177447.D
Acq On : 26 Oct 2023 06:09 pm
Operator : louied
Sample : ic8736-4
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 27 17:32:19 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.721	84	7246	3.75	ug/L		91
46) 1,1-dichloropropene	2.927	75	7035	3.95	ug/L		97
47) carbon tetrachloride	2.831	117	8055	3.66	ug/L		89
48) isobutyl alcohol	3.152	43	4118	52.75	ug/L		94
49) tert-amyl alcohol	3.216	55	1814	18.76	ug/L		98
52) iso-octane	2.988	57	16008	3.86	ug/L		97
53) benzene	3.072	78	20672	4.08	ug/L		96
54) tert-amyl methyl ether	3.123	73	17314	4.17	ug/L		97
55) heptane	3.036	57	2806	3.55	ug/L		93
56) isopropyl acetate	3.307	87	1873	4.33	ug/L		95
57) 1,2-dichloroethane	3.181	62	8214	3.83	ug/L		95
58) n-butyl alcohol	3.583	56	11508	218.25	ug/L		98
59) ethyl acrylate	3.741	55	9553	4.03	ug/L		95
60) trichloroethene	3.413	130	6054	3.97	ug/L		98
61) 2-nitropropane	4.561	41	3279	4.17	ug/L	#	77
62) 2-chloroethyl vinyl ether	4.171	63	17219	21.52	ug/L		96
63) methyl methacrylate	3.879	100	2125	4.10	ug/L	#	87
64) 1,2-dichloropropane	3.747	63	5518	4.24	ug/L		97
65) methylcyclohexane	3.422	98	4211	3.78	ug/L	#	75
66) dibromomethane	3.680	93	3795	3.69	ug/L		97
67) bromodichloromethane	3.779	83	7951	4.14	ug/L		94
68) epichlorohydrin	4.397	57	5011	21.03	ug/L		90
69) cis-1,3-dichloropropene	4.220	75	9008	3.95	ug/L		99
70) 4-methyl-2-pentanone	4.676	58	13058	16.88	ug/L		92
71) 3-methyl-1-butanol	4.512	70	5040	87.16	ug/L		88
74) toluene	4.397	92	13269	4.00	ug/L		97
75) ethyl methacrylate	4.840	69	7715	3.89	ug/L		89
76) trans-1,3-dichloropropene	4.708	75	9148	4.29	ug/L		95
77) 1,1,2-trichloroethane	4.834	83	4591	3.81	ug/L		91
78) tetrachloroethene	4.699	166	6328	3.93	ug/L		90
79) 2-hexanone	5.313	58	15713	16.39	ug/L		98
80) 1,3-dichloropropane	5.046	76	9247	4.11	ug/L		96
81) butyl acetate	5.252	56	4579	3.96	ug/L		98
82) dibromochloromethane	4.972	129	6913	3.92	ug/L		94
83) 1,2-dibromoethane	5.149	107	5973	4.00	ug/L		100
84) n-butyl ether	5.477	57	22049	4.08	ug/L		94
85) chlorobenzene	5.532	112	15639	3.99	ug/L		92
86) 1,1,1,2-tetrachloroethane	5.577	131	6336	4.28	ug/L		88
87) ethylbenzene	5.554	91	25583	4.01	ug/L		96
88) m,p-xylene	5.660	106	20279	8.09	ug/L		92
89) o-xylene	5.950	106	10015	4.02	ug/L		94
90) styrene	5.985	104	16283	3.87	ug/L		96
91) bromoform	5.995	173	5047	4.08	ug/L		89
92) butyl acrylate	6.078	55	12295	3.98	ug/L		98
93) isopropylbenzene	6.162	105	23182	3.84	ug/L		95
94) cis-1,4-dichloro-2-butene	6.384	88	3126	3.76	ug/L		85
97) bromobenzene	6.406	156	7169	4.42	ug/L		95
98) 1,1,2,2-tetrachloroethane	6.474	83	8076	4.01	ug/L		91
99) trans-1,4-dichloro-2-b...	6.586	53	2400	3.46	ug/L		91
100) 1,2,3-trichloropropane	6.557	110	2982	4.01	ug/L		93
101) n-propylbenzene	6.432	91	29335	4.02	ug/L		99
102) 2-chlorotoluene	6.528	126	6309m	4.01	ug/L		
103) 4-chlorotoluene	6.631	91	19170	4.04	ug/L		94
104) 1,3,5-trimethylbenzene	6.557	105	22223	4.23	ug/L		99
105) tert-butylbenzene	6.757	119	18481	4.07	ug/L		98
106) 1,2,4-trimethylbenzene	6.802	105	22114	4.12	ug/L		97
107) sec-butylbenzene	6.869	105	26199	4.10	ug/L		97
108) 1,3-dichlorobenzene	6.998	146	13399	4.30	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177447.D
Acq On : 26 Oct 2023 06:09 pm
Operator : louied
Sample : ic8736-4
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 27 17:32:19 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

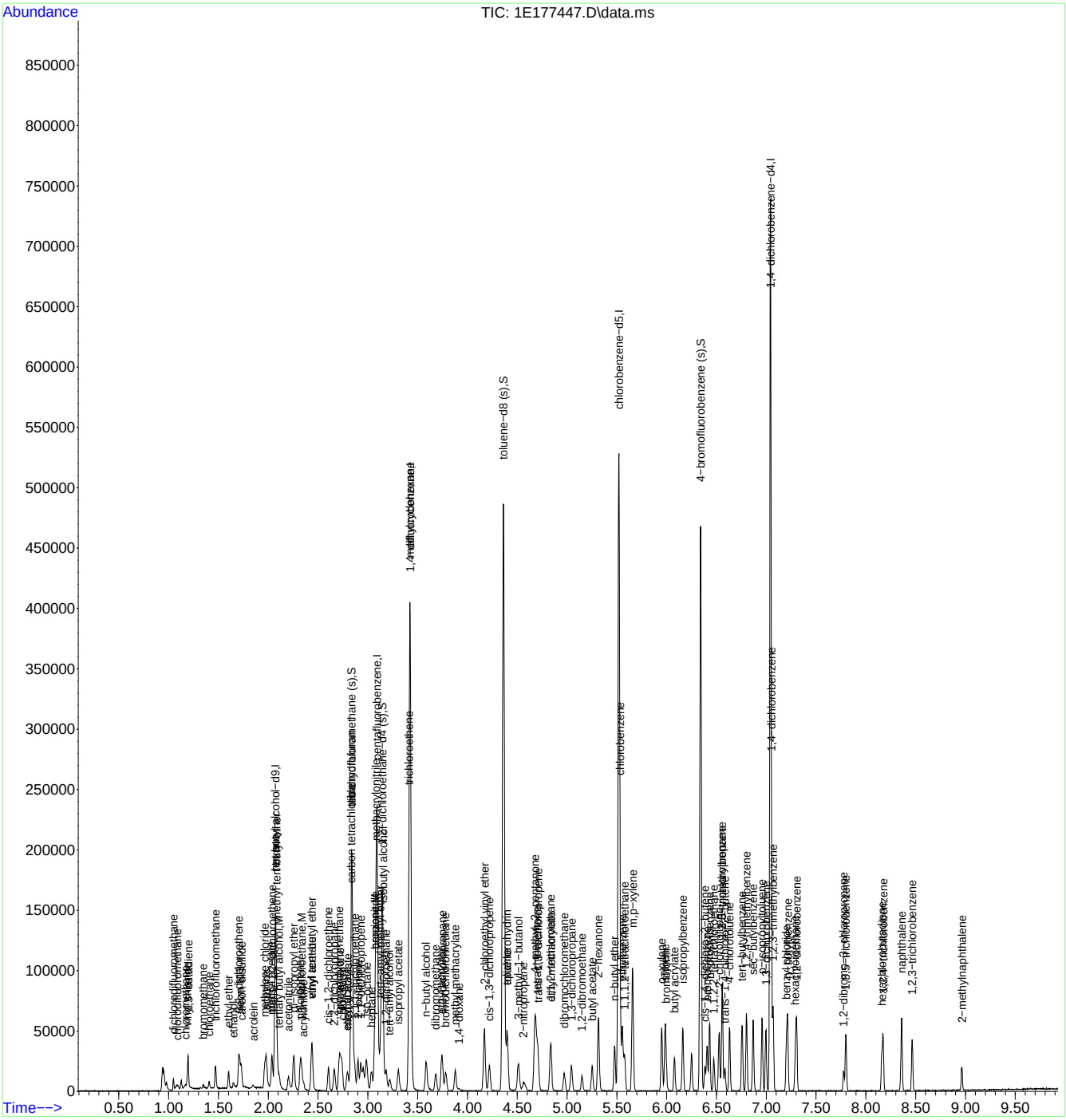
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.956	119	22914	4.34	ug/L	97
110) 1,4-dichlorobenzene	7.052	146	13944	3.99	ug/L	90
111) 1,2-dichlorobenzene	7.306	146	13281	4.15	ug/L	97
112) 1,2,3-trimethylbenzene	7.069	105	23323	4.16	ug/L	96
113) n-butylbenzene	7.216	134	5060	3.95	ug/L	95
114) 1,2-dibromo-3-chloropr...	7.776	157	2906	4.21	ug/L	93
115) 1,3,5-trichlorobenzene	7.798	180	8936	4.14	ug/L	95
116) 1,2,4-trichlorobenzene	8.175	180	8208	3.98	ug/L	98
117) hexachlorobutadiene	8.162	225	3117	4.46	ug/L	95
118) naphthalene	8.358	128	27252	4.00	ug/L	98
119) 1,2,3-trichlorobenzene	8.464	180	8052	4.12	ug/L	90
120) hexachloroethane	7.290	119	3781	3.85	ug/L	96
121) benzyl chloride	7.200	126	3492	4.22	ug/L	98
122) 2-methylnaphthalene	8.966	142	5954	2.00	ug/L	95

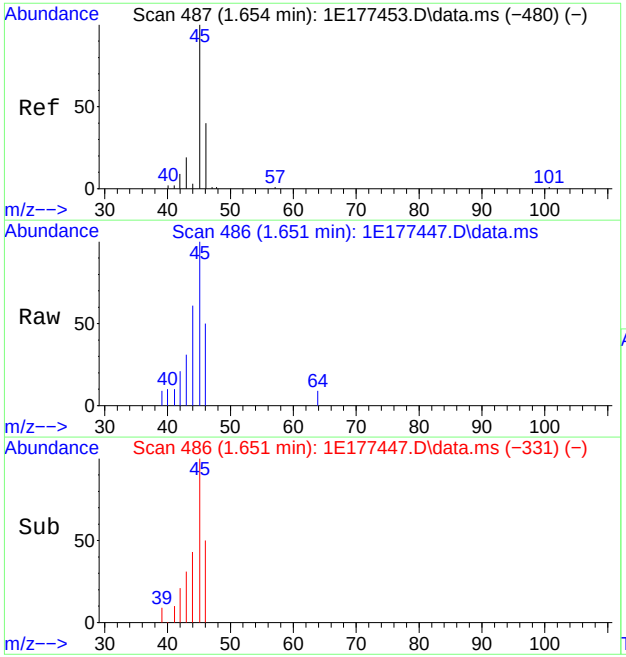
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177447.D
Acq On : 26 Oct 2023 06:09 pm
Operator : louied
Sample : ic8736-4
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 27 17:32:19 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

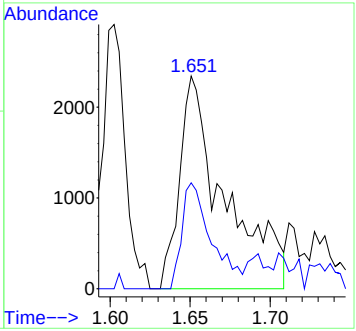


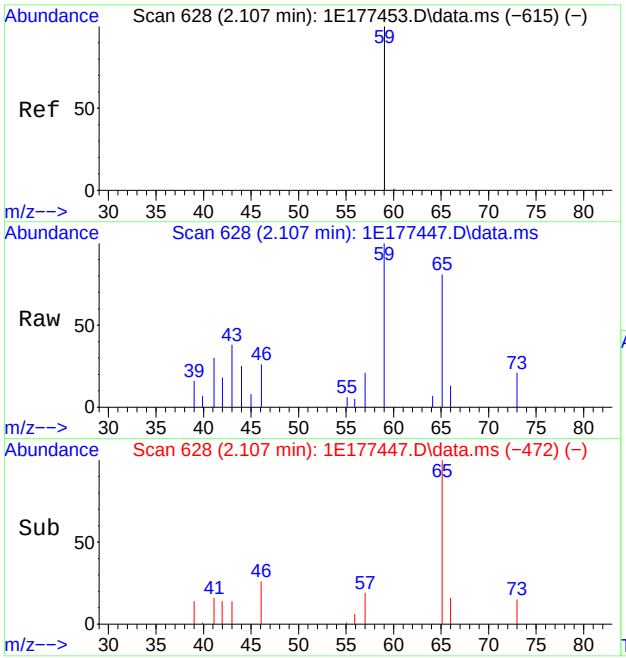


#2
ethanol
Concen: 302.78 ug/L
RT: 1.651 min Scan# 486
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 45 Resp: 4610

Ion	Ratio	Lower	Upper
45	100		
46	49.8	18.1	58.1

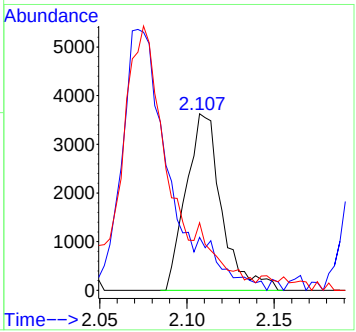


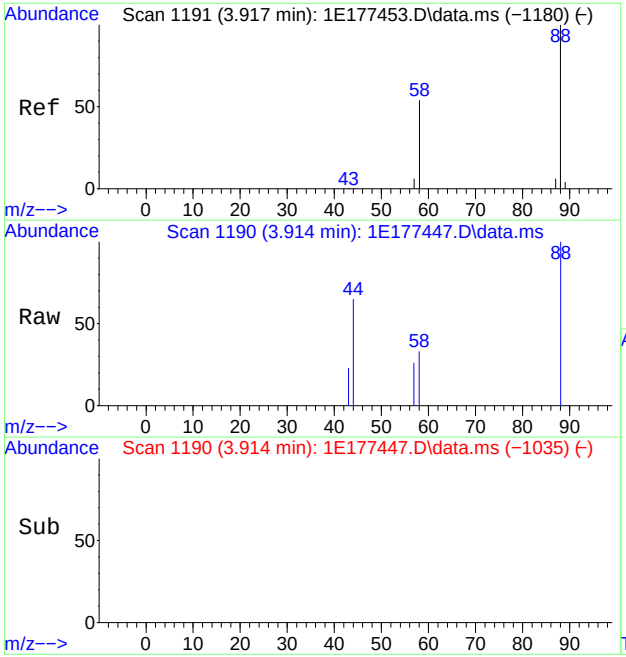


#3
tertiary butyl alcohol
Concen: 19.88 ug/L
RT: 2.107 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 59 Resp: 5138

Ion	Ratio	Lower	Upper
59	100		
41	30.0	0.0	30.0#
43	30.6	0.0	52.8

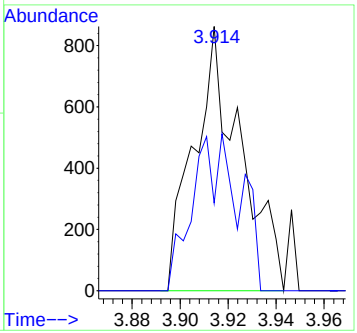


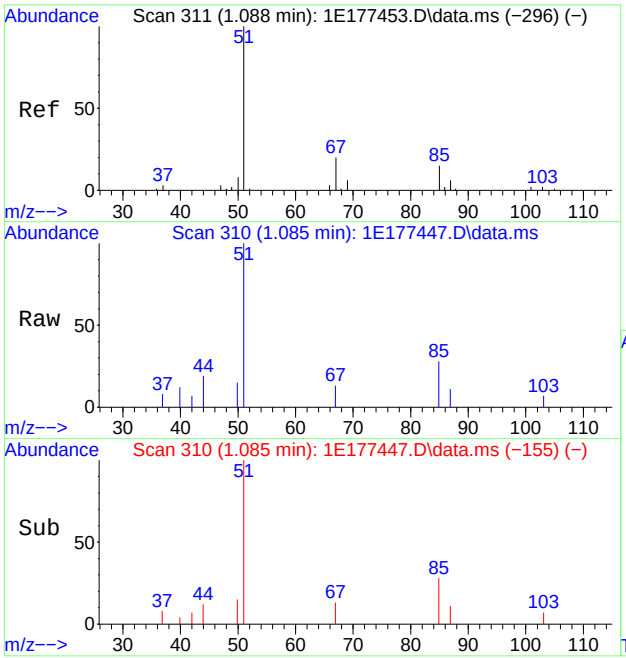


#4
1,4-dioxane
Concen: 92.09 ug/L
RT: 3.914 min Scan# 1190
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 88 Resp: 1164

Ion	Ratio	Lower	Upper
88	100		
58	33.1	38.3	78.3#

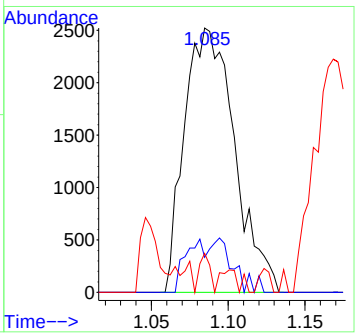


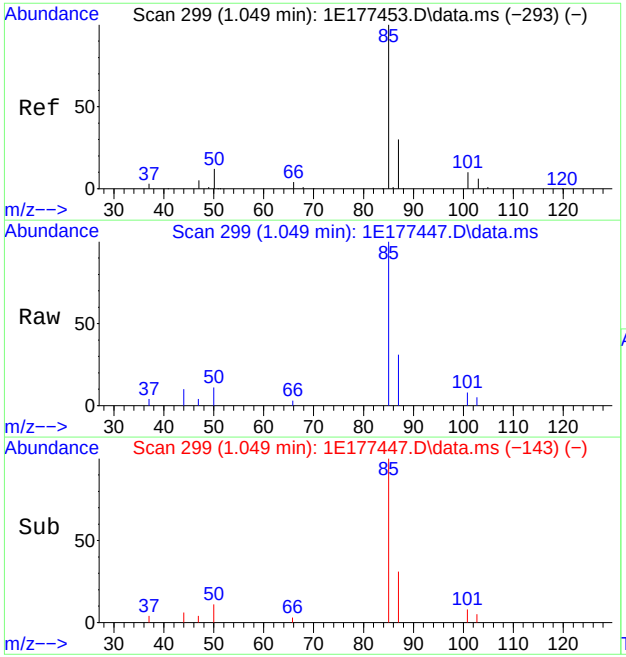


#6
chlorodifluoromethane
Concen: 3.69 ug/L
RT: 1.085 min Scan# 310
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 51 Resp: 5730

Ion	Ratio	Lower	Upper
51	100		
67	13.3	0.0	49.5
50	6.2	0.0	38.4

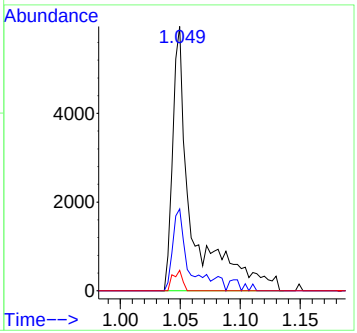


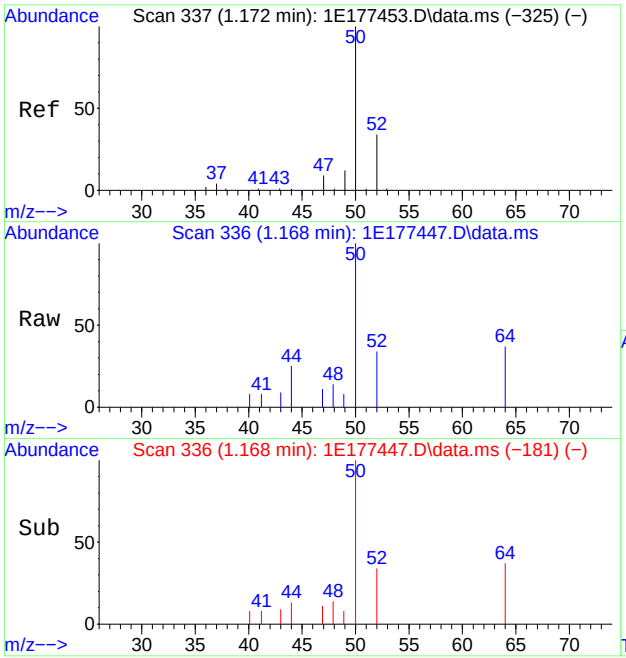


#7
dichlorodifluoromethane
Concen: 3.27 ug/L
RT: 1.049 min Scan# 299
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 85 Resp: 6705

Ion	Ratio	Lower	Upper
85	100		
87	30.9	0.4	60.4
101	7.8	0.0	39.9

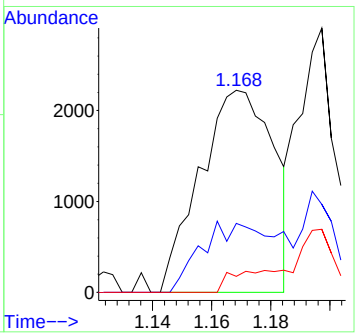


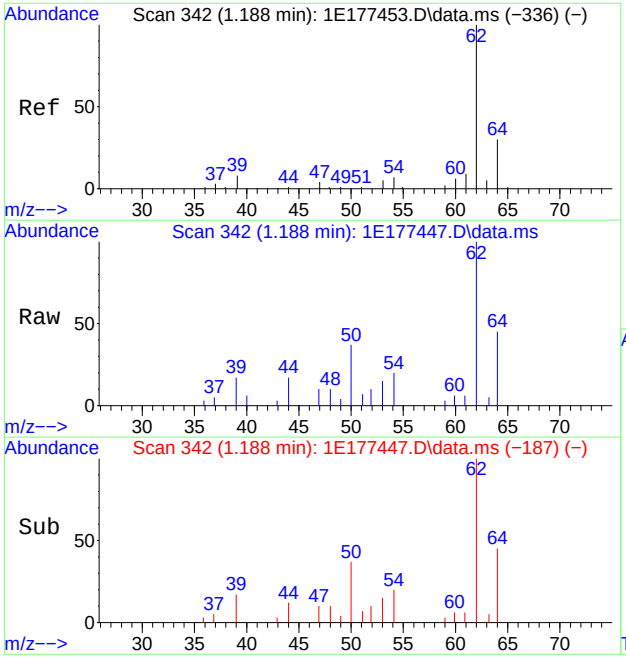


#8
chloromethane
Concen: 3.46 ug/L
RT: 1.168 min Scan# 336
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 50 Resp: 3850

Ion	Ratio	Lower	Upper
50	100		
52	34.1	4.4	64.4
49	8.0	0.0	42.1

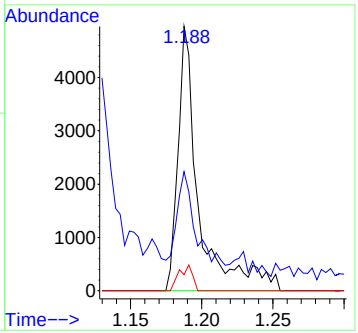


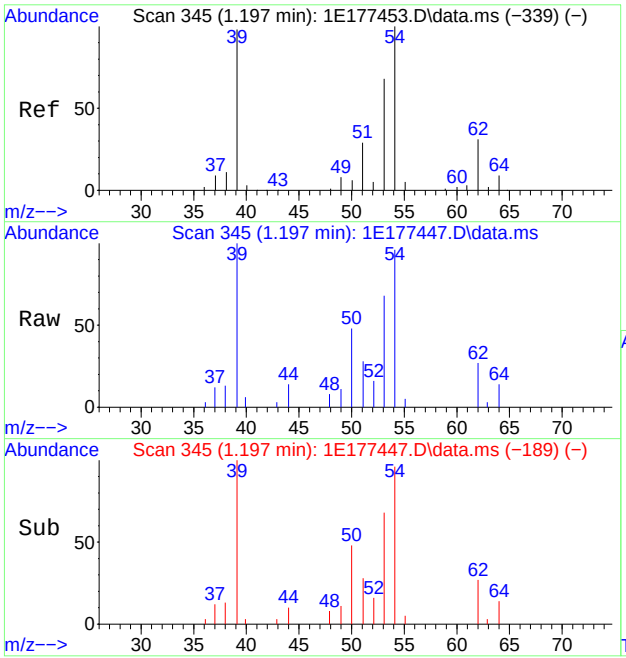


#9
vinyl chloride
Concen: 3.96 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 62 Resp: 5041

Ion	Ratio	Lower	Upper
62	100		
64	36.7	0.7	60.7
61	6.0	0.0	39.5

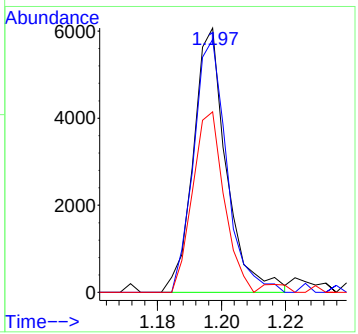


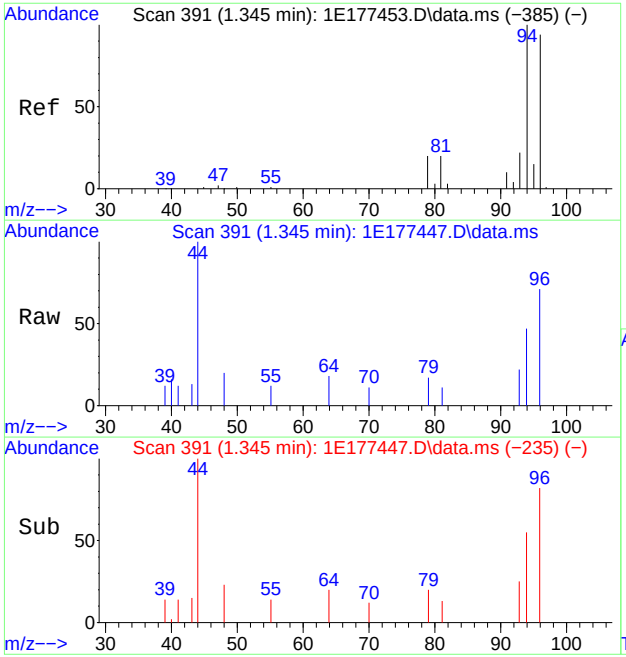


#10
1,3-butadiene
Concen: 3.48 ug/L
RT: 1.197 min Scan# 345
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 39 Resp: 4382

Ion	Ratio	Lower	Upper
39	100		
54	95.7	72.3	132.3
53	68.3	39.8	99.8

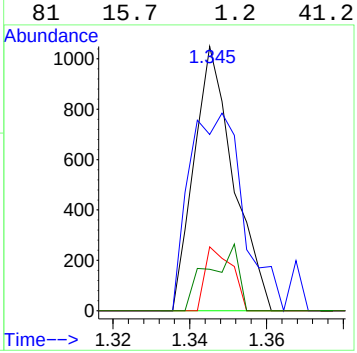


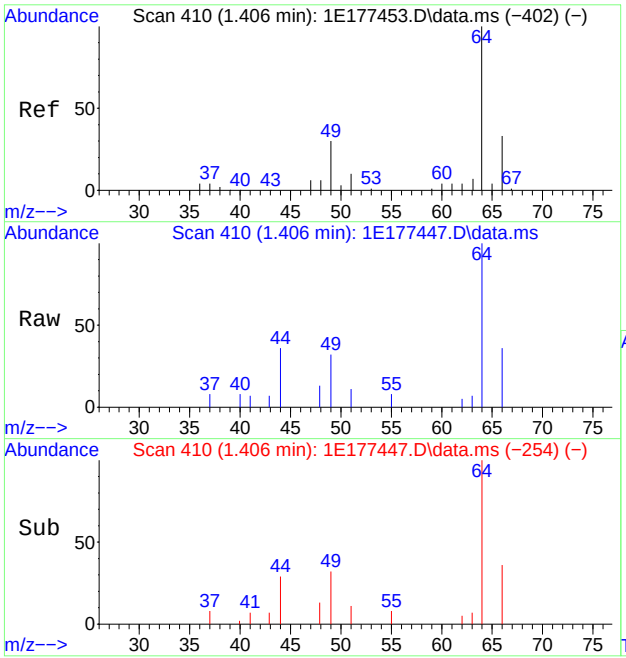


#11
bromomethane
Concen: 2.34 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 96 Resp: 751

Ion	Ratio	Lower	Upper
96	100		
94	66.7	76.0	136.0#
79	24.2	20.8	20.8#
81	15.7	1.2	41.2

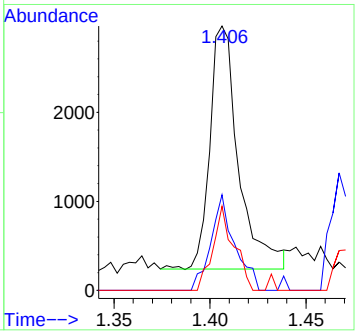




#12
chloroethane
Concen: 3.25 ug/L
RT: 1.406 min Scan# 410
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

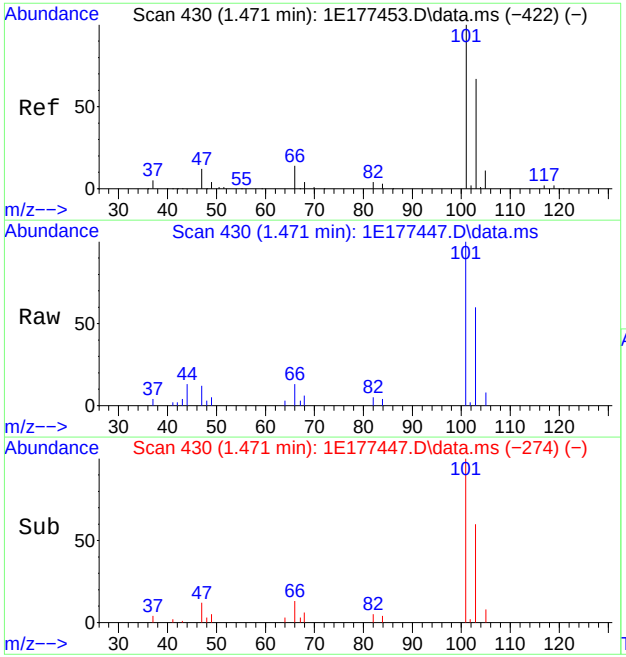
Tgt Ion: 64 Resp: 2847

Ion	Ratio	Lower	Upper
64	100		
66	39.3	3.1	63.1
49	34.7	0.1	60.1



7.6.5

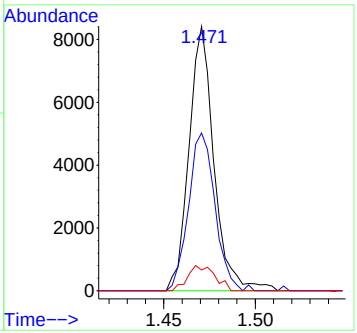
7

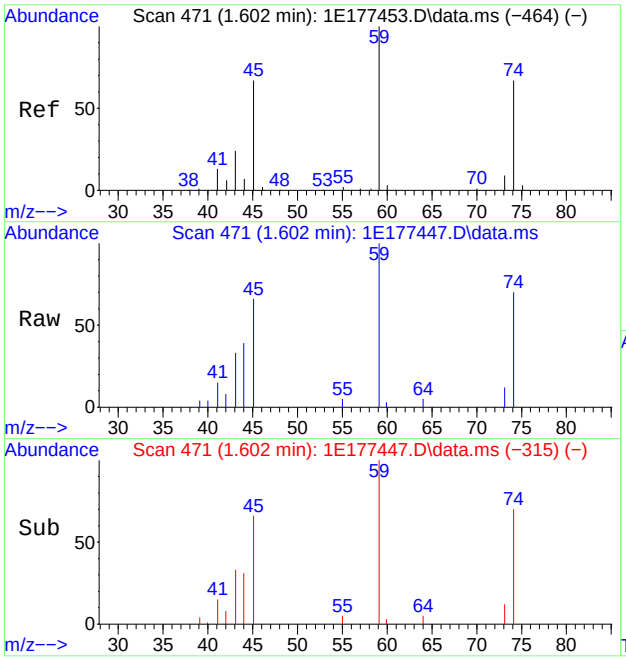


#13
trichlorofluoromethane
Concen: 3.76 ug/L
RT: 1.471 min Scan# 430
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:101 Resp: 7984

Ion	Ratio	Lower	Upper
101	100		
103	59.7	37.1	97.1
105	7.9	0.0	40.8

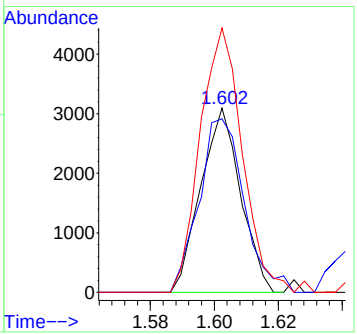


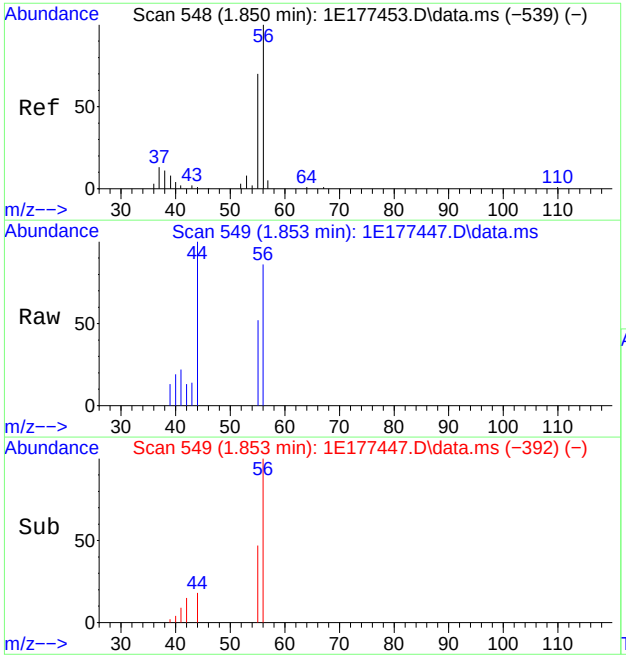


#14
ethyl ether
Concen: 3.72 ug/L
RT: 1.602 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 74 Resp: 2680

Ion	Ratio	Lower	Upper
74	100		
45	94.2	69.1	129.1
59	143.6	118.9	178.9

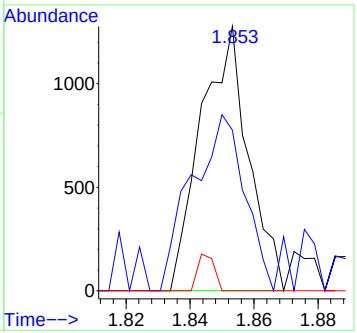


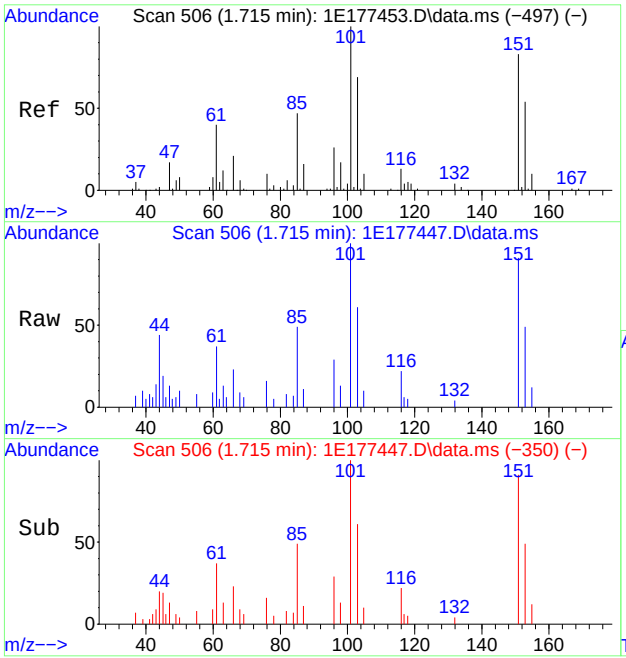


#15
acrolein
Concen: 4.71 ug/L
RT: 1.853 min Scan# 549
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 56 Resp: 1320

Ion	Ratio	Lower	Upper
56	100		
55	60.7	40.4	100.4
53	0.0	0.0	38.2

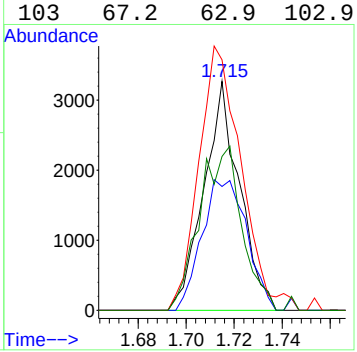


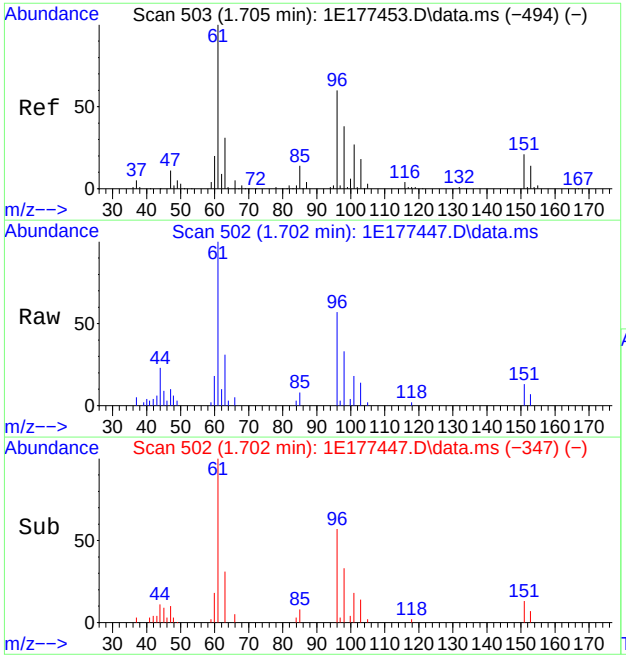


#16
freon 113
Concen: 3.56 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:151 Resp: 3363

Ion	Ratio	Lower	Upper
151	100		
153	54.1	44.6	84.6
101	109.3	100.2	140.2
103	67.2	62.9	102.9

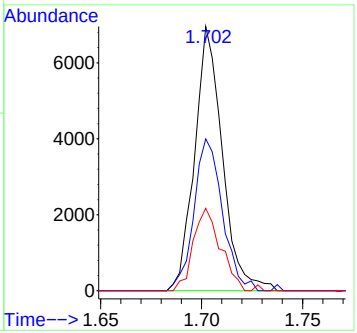


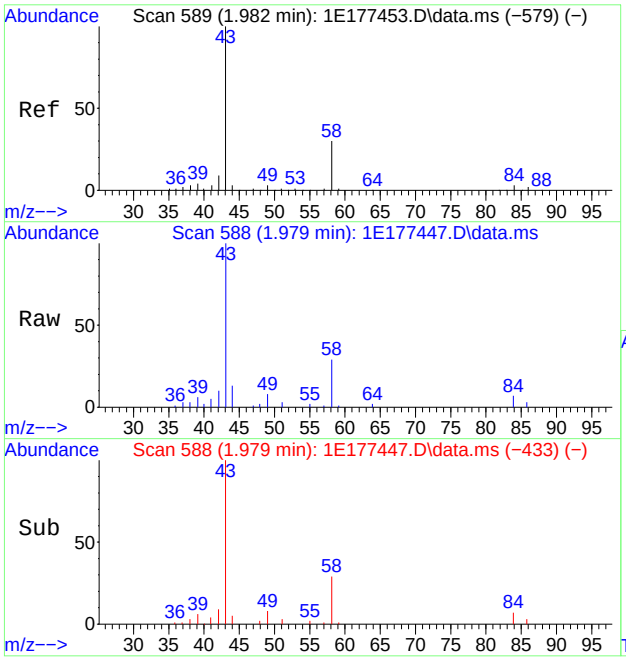


#17
1,1-dichloroethene
Concen: 3.88 ug/L
RT: 1.702 min Scan# 502
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 61 Resp: 6662

Ion	Ratio	Lower	Upper
61	100		
96	57.5	29.6	89.6
63	31.1	1.2	61.2

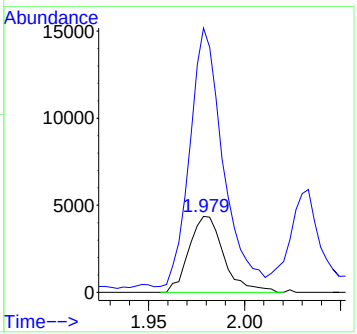


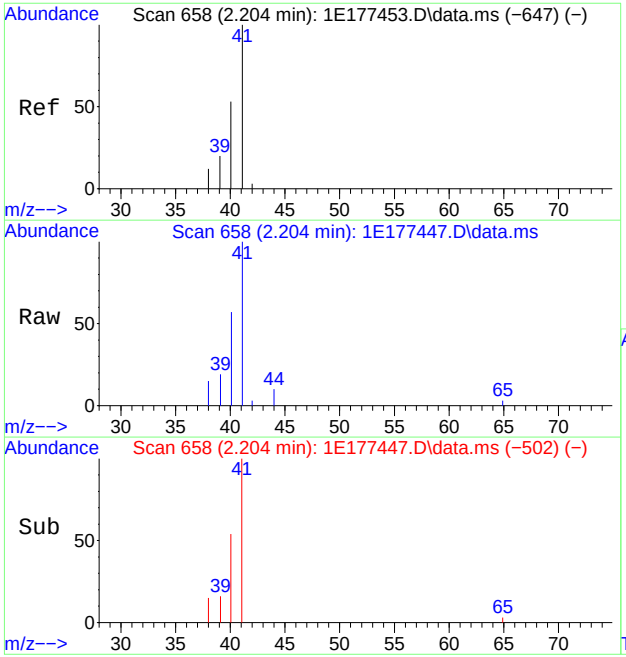


#18
acetone
Concen: 15.90 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 58 Resp: 5492

Ion	Ratio	Lower	Upper
58	100		
43	340.7	304.0	364.0

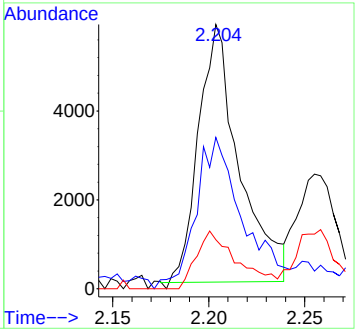


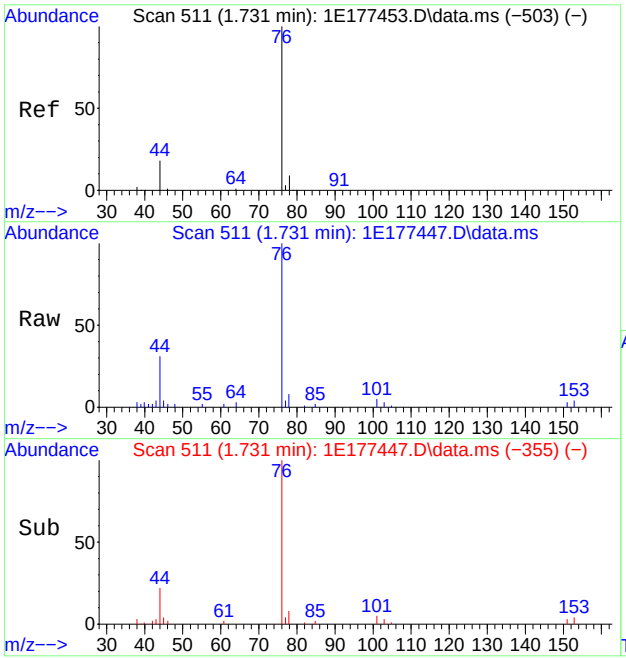


#19
acetonitrile
Concen: 52.01 ug/L
RT: 2.204 min Scan# 658
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 41 Resp: 8543

Ion	Ratio	Lower	Upper
41	100		
40	55.4	22.9	82.9
39	19.1	0.0	49.7

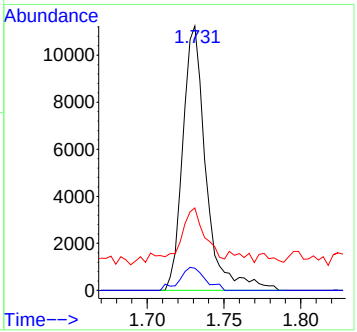




#21
carbon disulfide
Concen: 3.70 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

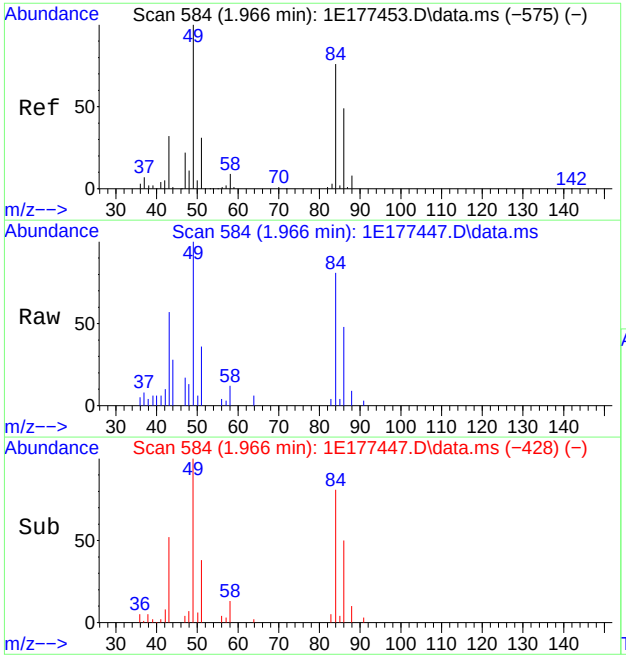
Tgt Ion: 76 Resp: 11819

Ion	Ratio	Lower	Upper
76	100		
78	8.4	0.0	39.2
44	20.5	0.0	48.3



7.6.5

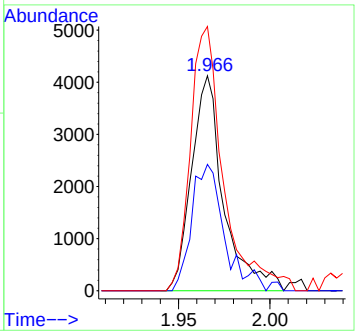
7

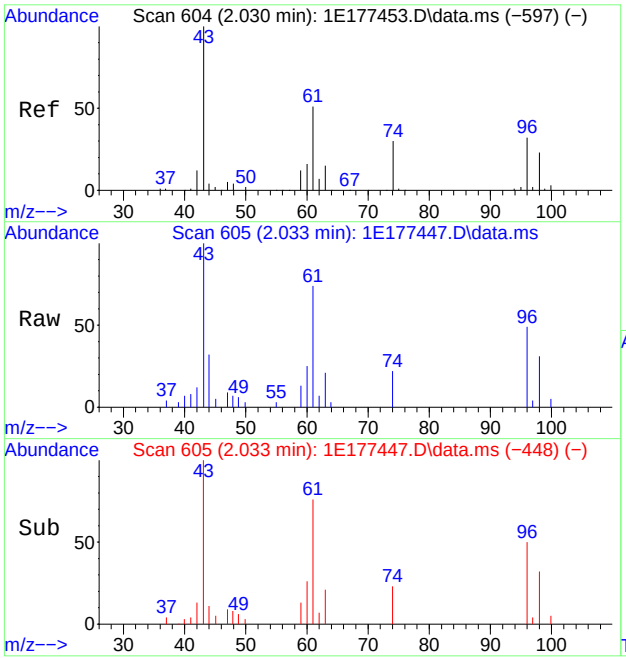


#22
methylene chloride
Concen: 3.84 ug/L
RT: 1.966 min Scan# 584
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 84 Resp: 5071

Ion	Ratio	Lower	Upper
84	100		
86	58.7	34.9	94.9
49	122.9	102.4	162.4

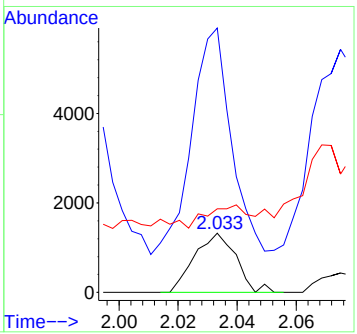


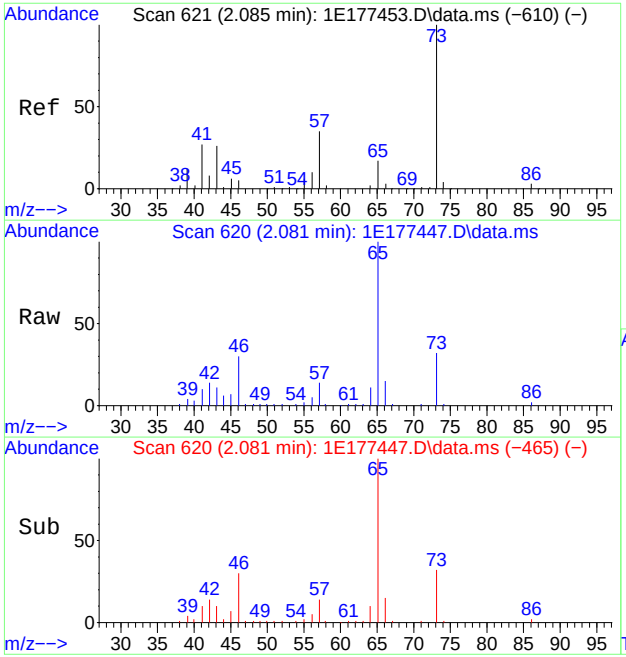


#23
methyl acetate
Concen: 3.92 ug/L
RT: 2.033 min Scan# 605
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 74 Resp: 1286

Ion	Ratio	Lower	Upper
74	100		
43	365.6	307.5	367.5
44	17.3	0.0	43.7

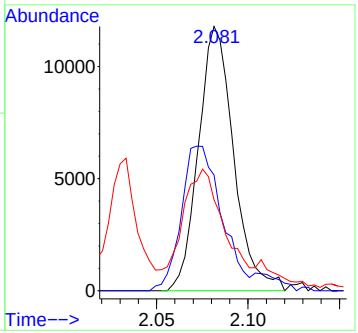


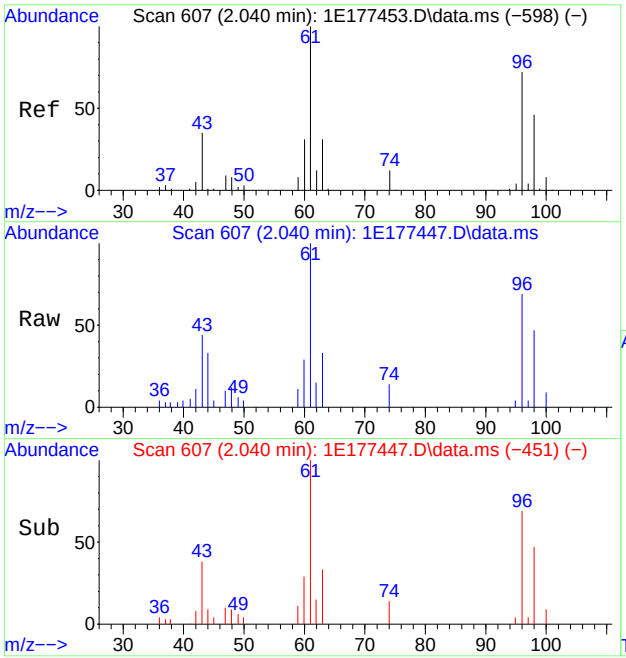


#24
methyl tert butyl ether
Concen: 3.91 ug/L
RT: 2.081 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 73 Resp: 15900

Ion	Ratio	Lower	Upper
73	100		
57	41.2	5.0	65.0
43	29.6	0.4	60.4

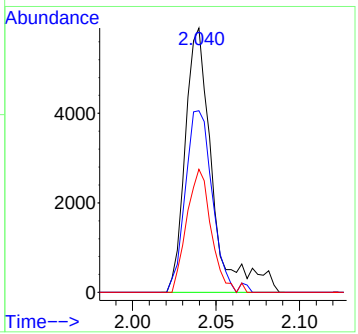


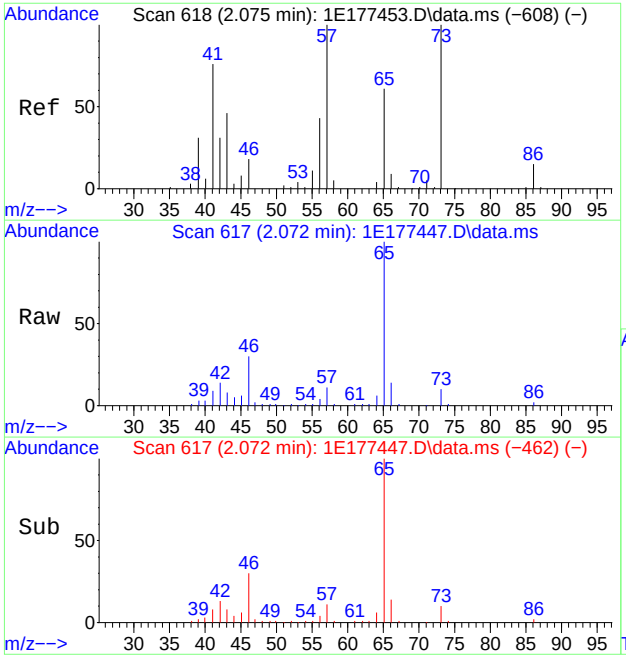


#25
trans-1,2-dichloroethene
Concen: 4.07 ug/L
RT: 2.040 min Scan# 607
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 61 Resp: 6675

Ion	Ratio	Lower	Upper
61	100		
96	68.7	41.6	101.6
98	46.5	15.7	75.7

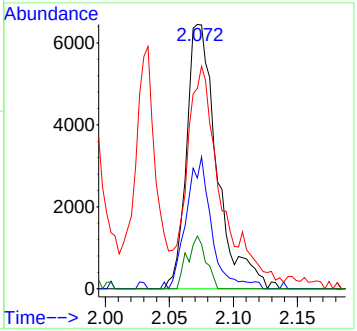


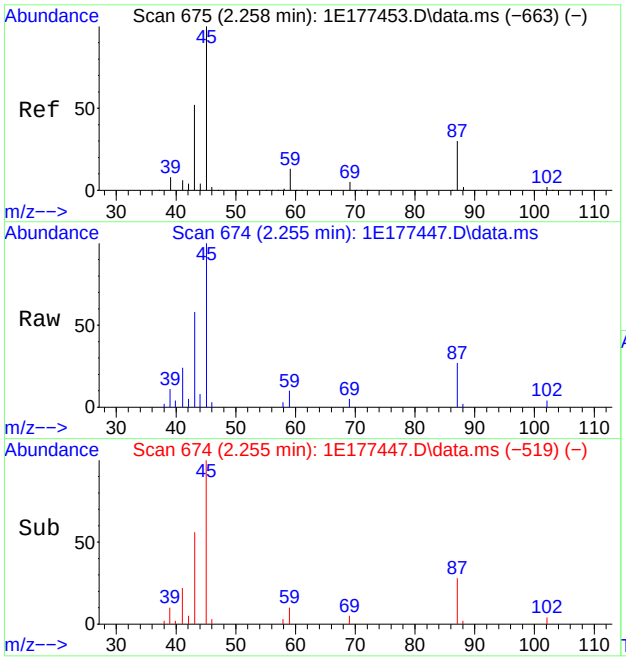


#26
hexane
Concen: 3.63 ug/L
RT: 2.072 min Scan# 617
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 57 Resp: 10722

Ion	Ratio	Lower	Upper
57	100		
56	41.9	23.0	63.0
43	73.4	50.7	90.7
86	19.9	0.0	35.6

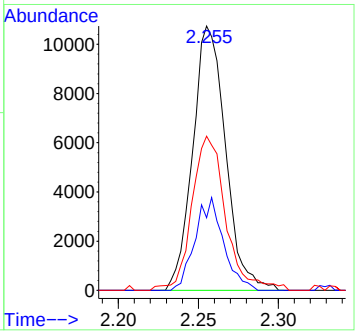


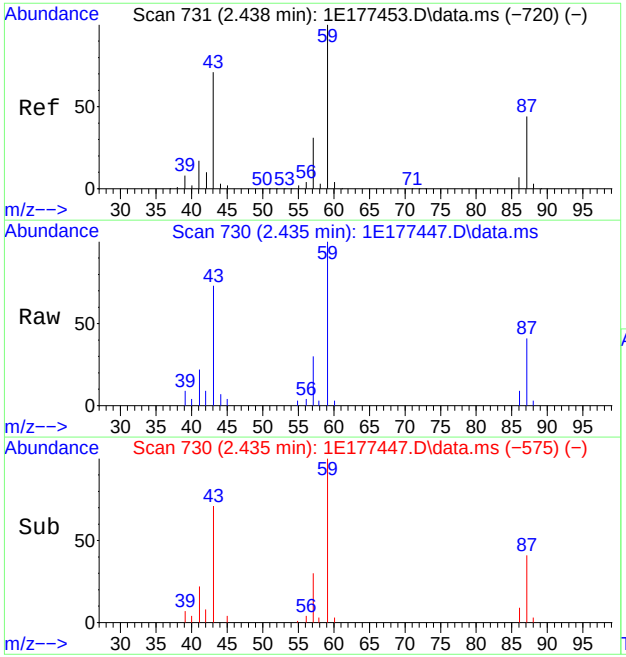


#27
di-isopropyl ether
Concen: 3.74 ug/L
RT: 2.255 min Scan# 674
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 45 Resp: 15337

Ion	Ratio	Lower	Upper
45	100		
87	27.5	0.0	59.9
43	56.5	22.2	82.2

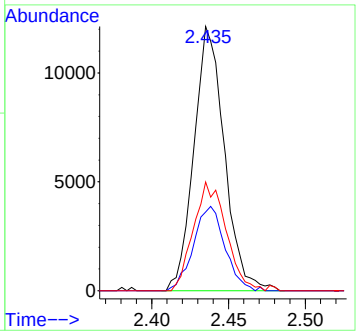


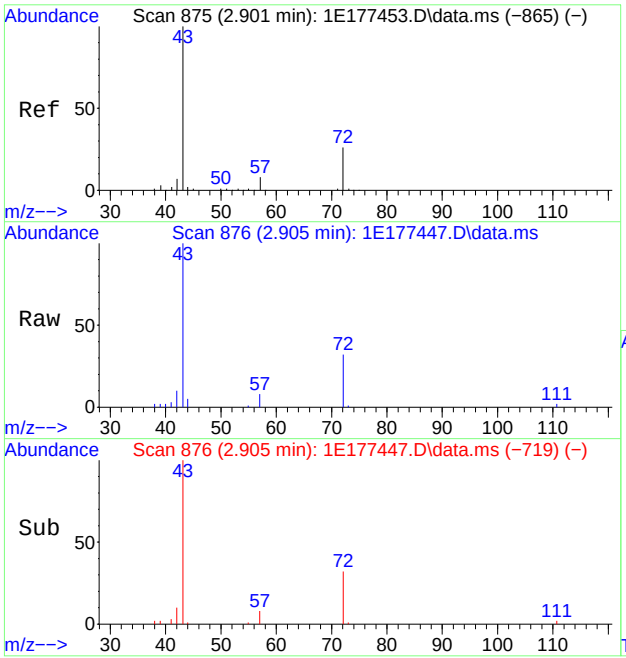


#28
ethyl tert-butyl ether
Concen: 3.86 ug/L
RT: 2.435 min Scan# 730
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 59 Resp: 16779

Ion	Ratio	Lower	Upper
59	100		
57	29.7	1.2	61.2
87	41.1	14.3	74.3

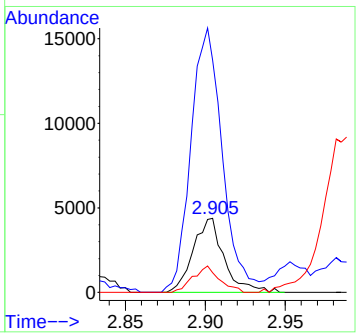


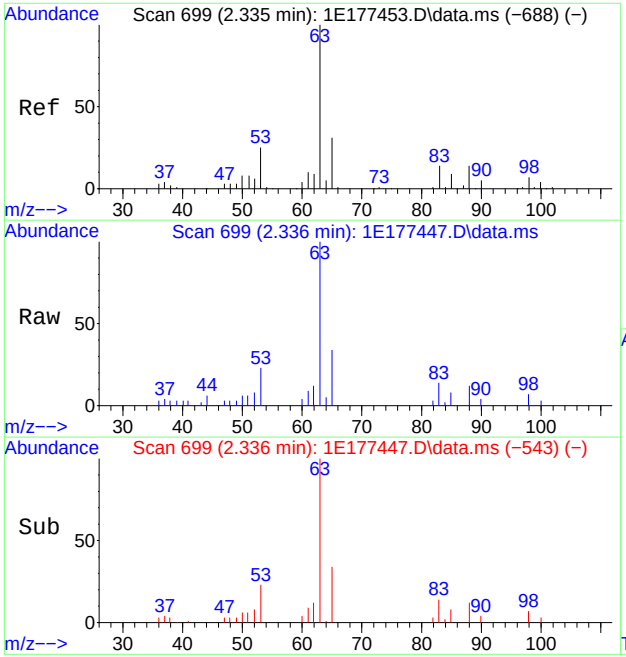


#29
2-butanone
Concen: 16.77 ug/L
RT: 2.905 min Scan# 876
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 72 Resp: 5901

Ion	Ratio	Lower	Upper
72	100		
43	312.8	351.4	411.4#
57	26.5	1.3	61.3

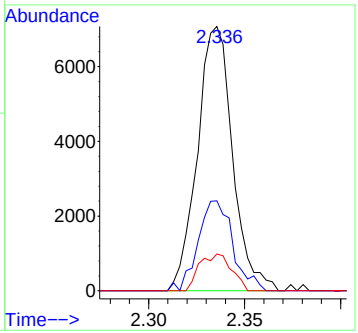


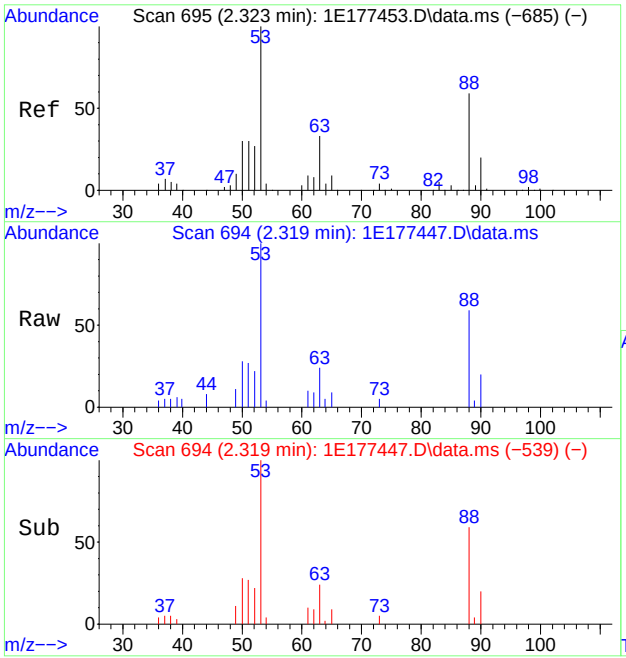


#30
1,1-dichloroethane
Concen: 3.82 ug/L
RT: 2.336 min Scan# 699
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 63 Resp: 9040

Ion	Ratio	Lower	Upper
63	100		
65	34.1	1.1	61.1
83	13.9	0.0	44.4

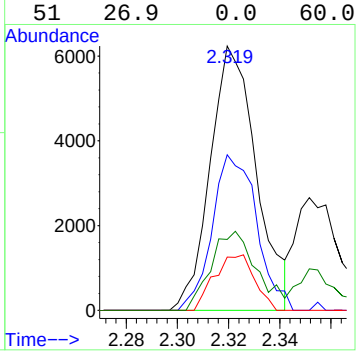


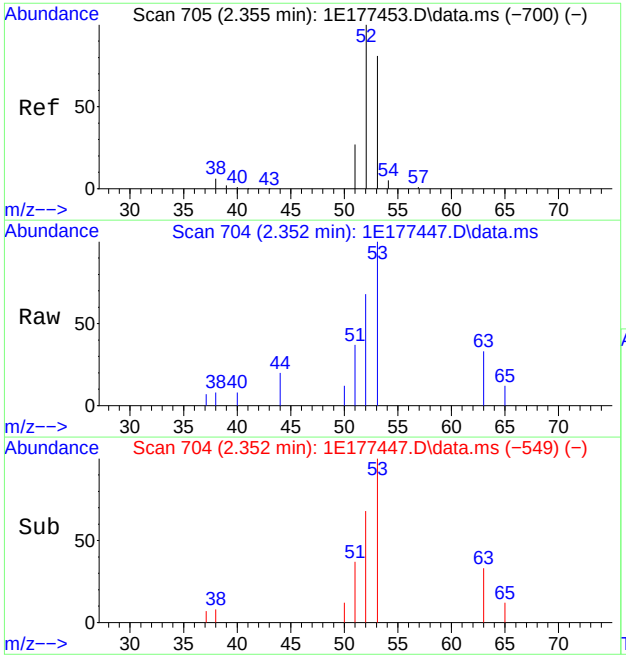


#31
chloroprene
Concen: 3.76 ug/L
RT: 2.319 min Scan# 694
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 53 Resp: 7827

Ion	Ratio	Lower	Upper
53	100		
88	58.8	29.0	89.0
90	20.1	0.0	50.3
51	26.9	0.0	60.0

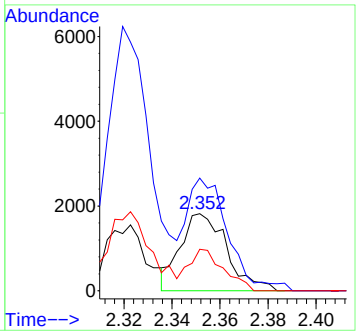


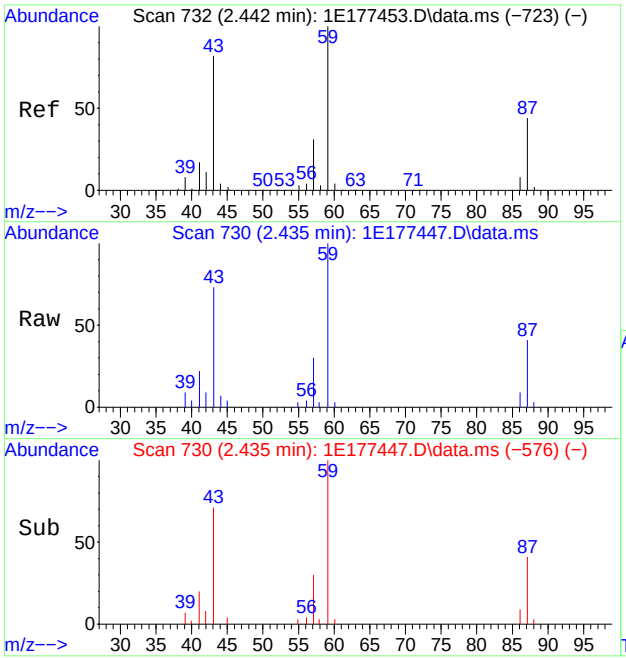


#32
acrylonitrile
Concen: 4.57 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 52 Resp: 2455

Ion	Ratio	Lower	Upper
52	100		
53	136.1	98.3	158.3
51	53.8	13.3	73.3

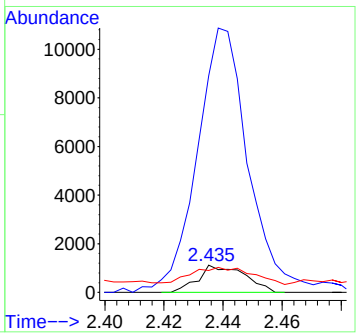


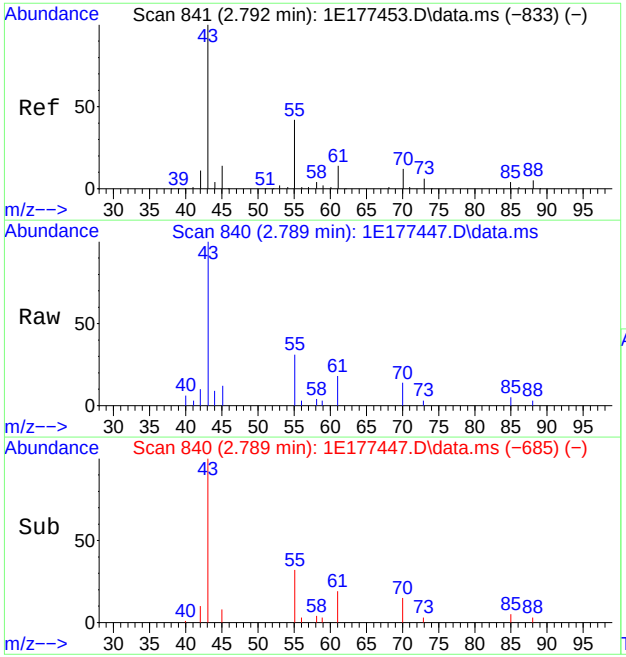


#33
vinyl acetate
Concen: 4.57 ug/L
RT: 2.435 min Scan# 730
Delta R.T. -0.006 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 86 Resp: 1220

Ion	Ratio	Lower	Upper
86	100		
43	746.9	996.1	1056.1#
44	51.7	16.2	76.2

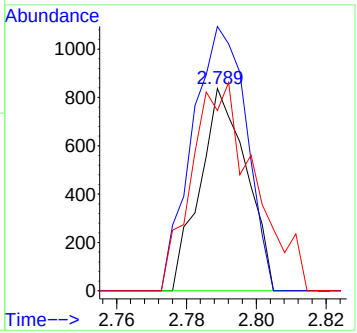


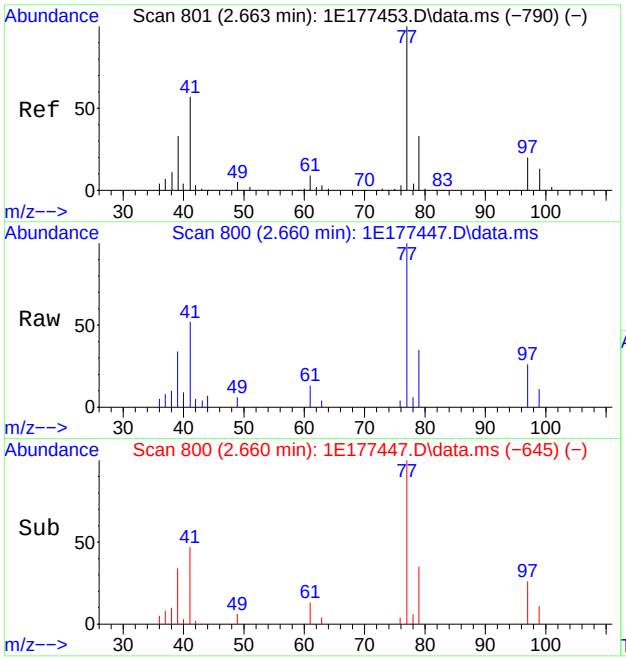


#34
ethyl acetate
Concen: 3.69 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 70 Resp: 775

Ion	Ratio	Lower	Upper
70	100		
61	130.7	88.3	148.3
45	89.1	89.7	149.7#

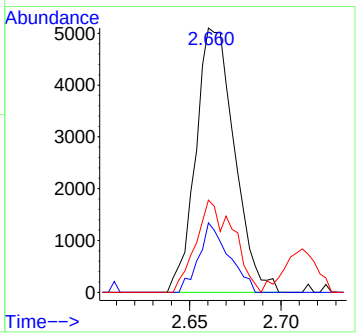


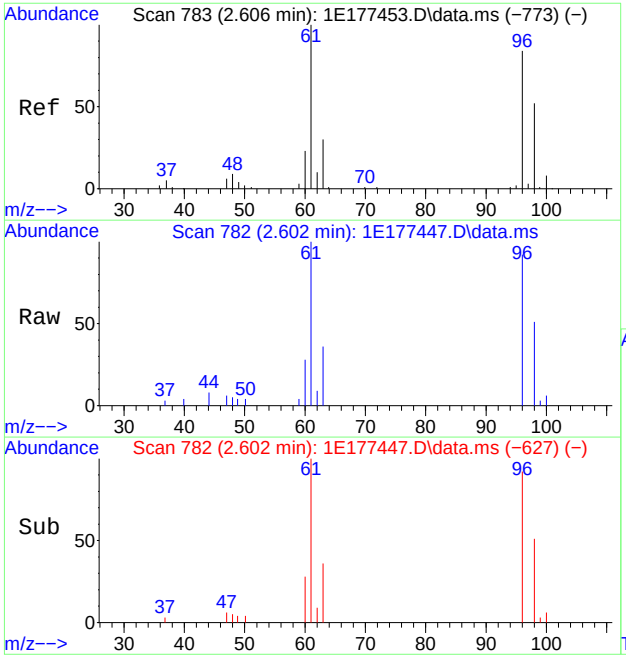


#35
2,2-dichloropropane
Concen: 3.70 ug/L
RT: 2.660 min Scan# 800
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 77 Resp: 7500

Ion	Ratio	Lower	Upper
77	100		
97	26.4	0.0	50.3
79	34.9	2.7	62.7

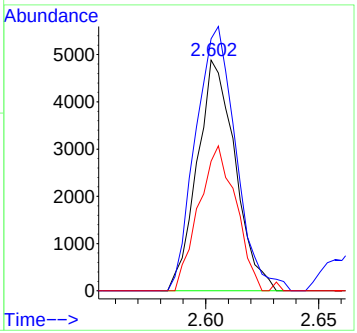


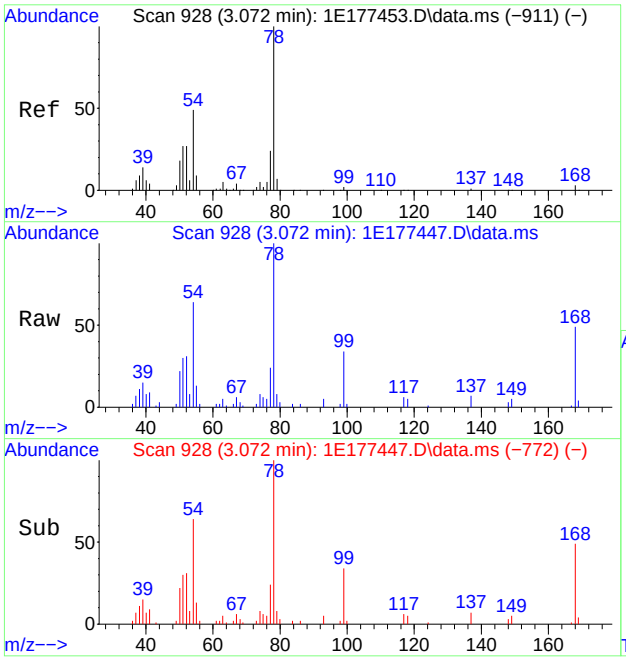


#36
cis-1,2-dichloroethene
Concen: 3.90 ug/L
RT: 2.602 min Scan# 782
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 96 Resp: 5710

Ion	Ratio	Lower	Upper
96	100		
61	109.2	89.1	149.1
98	56.1	31.8	91.8

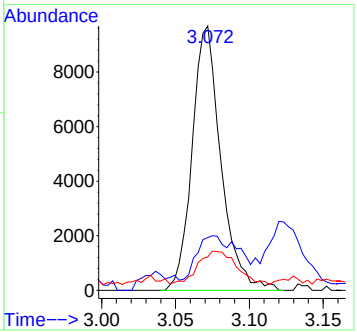


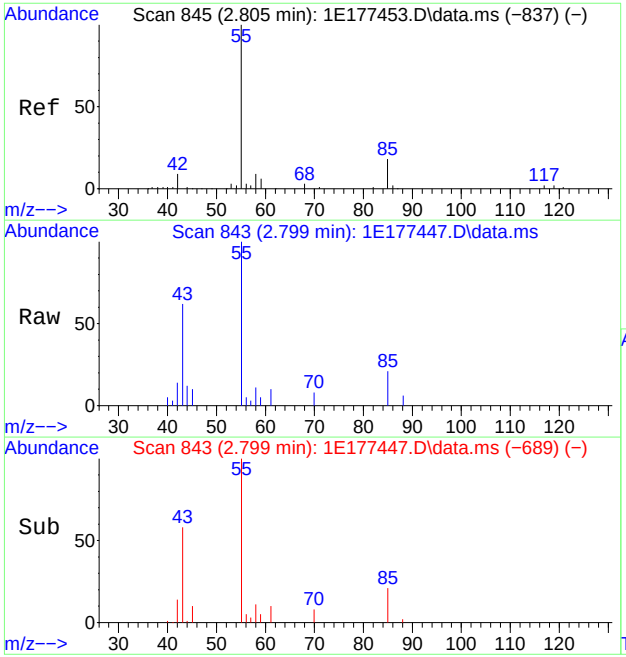


#37
propionitrile
Concen: 42.44 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 54 Resp: 13108

Ion	Ratio	Lower	Upper
54	100		
55	13.8	0.0	49.2
40	9.1	0.0	43.2

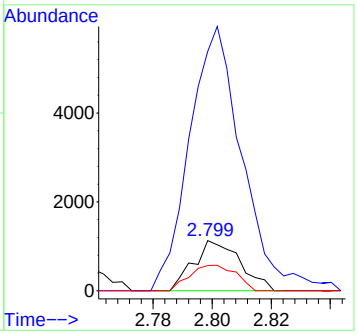


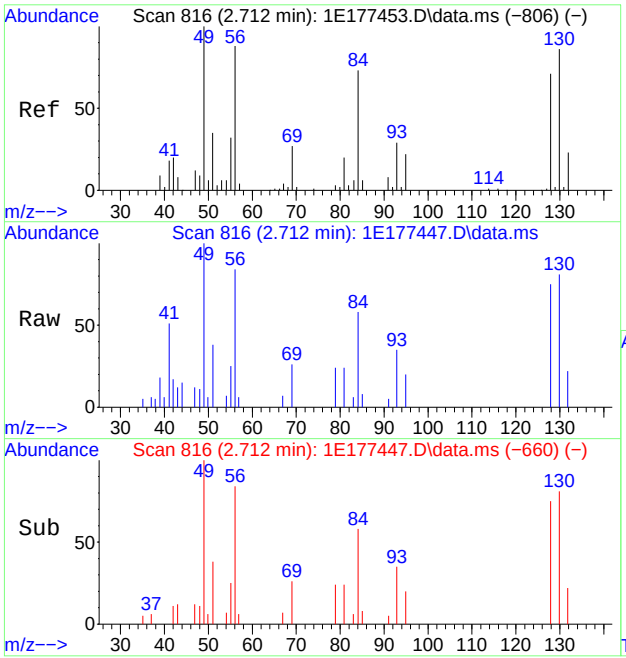


#38
methyl acrylate
Concen: 4.02 ug/L
RT: 2.799 min Scan# 843
Delta R.T. -0.006 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 85 Resp: 1236

Ion	Ratio	Lower	Upper
85	100		
55	447.3	505.5	545.5#
58	50.4	25.5	65.5

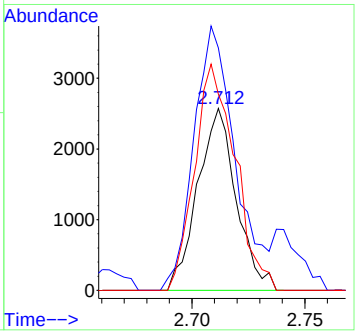


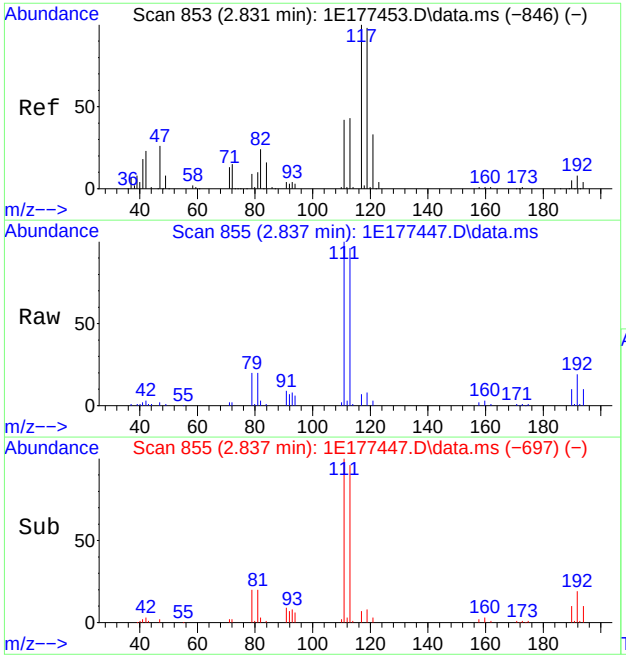


#39
bromochloromethane
Concen: 4.03 ug/L
RT: 2.712 min Scan# 816
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:128 Resp: 3050

Ion	Ratio	Lower	Upper
128	100		
49	133.2	113.7	173.7
130	107.9	91.4	151.4

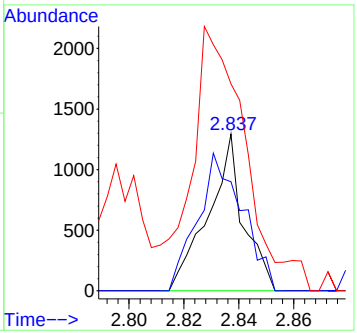


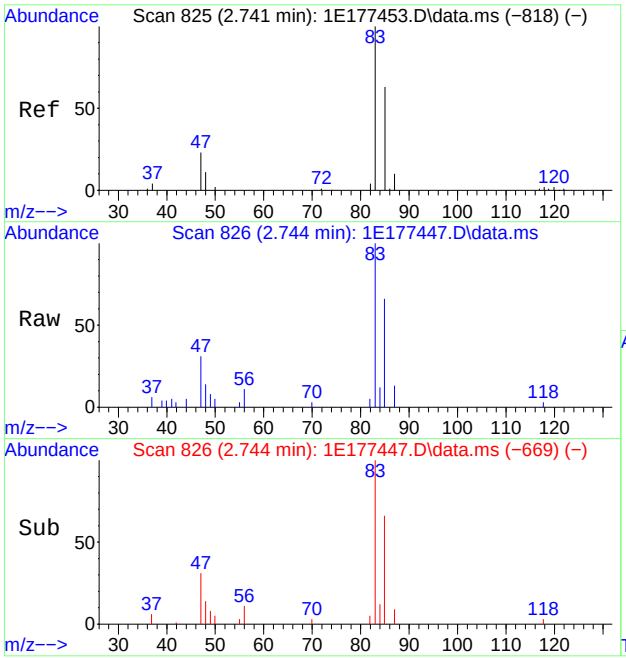


#40
tetrahydrofuran
Concen: 4.32 ug/L
RT: 2.837 min Scan# 855
Delta R.T. 0.006 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 71 Resp: 1148

Ion	Ratio	Lower	Upper
71	100		
72	69.6	82.2	142.2#
42	113.6	201.9	261.9#

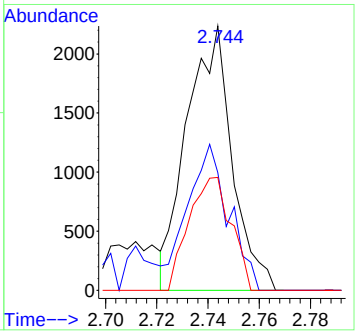


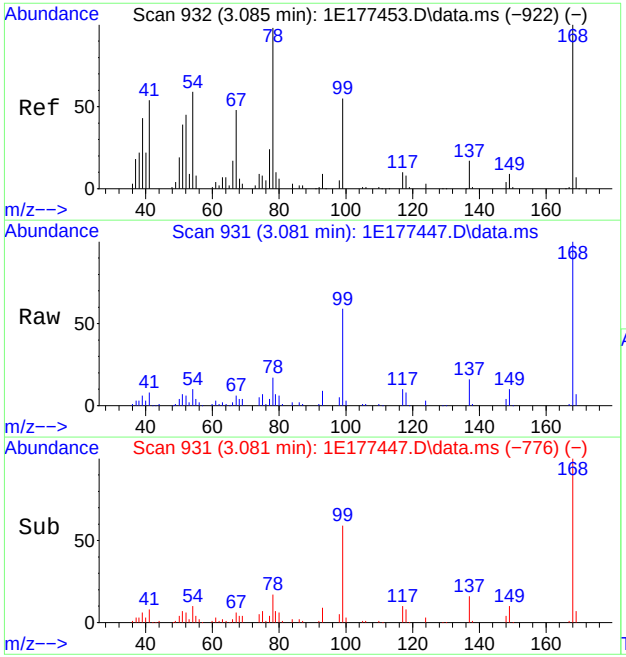


#41
chloroform
Concen: 3.54 ug/L
RT: 2.744 min Scan# 826
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 47 Resp: 2745

Ion	Ratio	Lower	Upper
47	100		
48	44.6	23.0	83.0
87	42.8	8.1	68.1

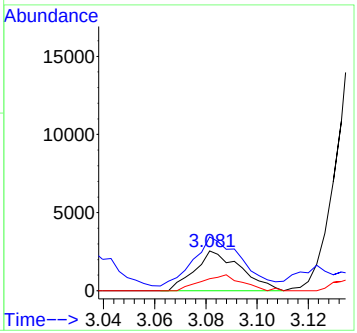


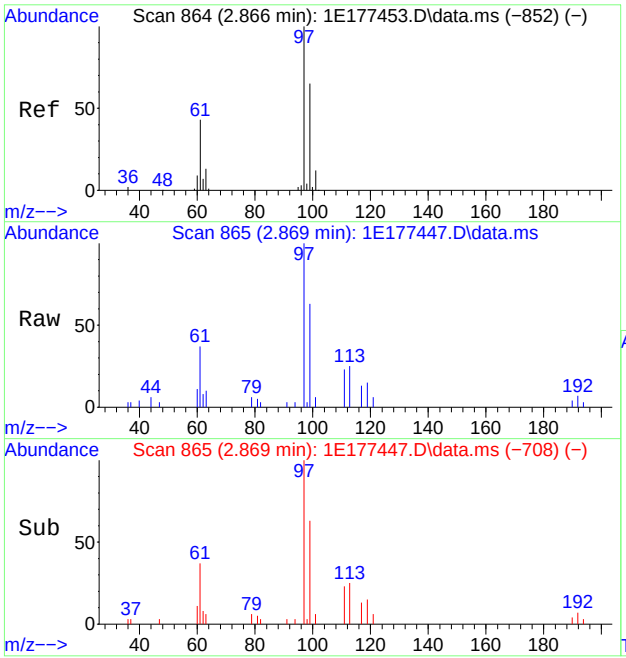


#43
methacrylonitrile
Concen: 3.63 ug/L
RT: 3.081 min Scan# 931
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 67 Resp: 3186

Ion	Ratio	Lower	Upper
67	100		
41	123.2	83.8	143.8
66	30.4	6.0	66.0

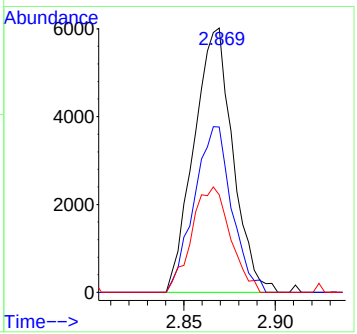


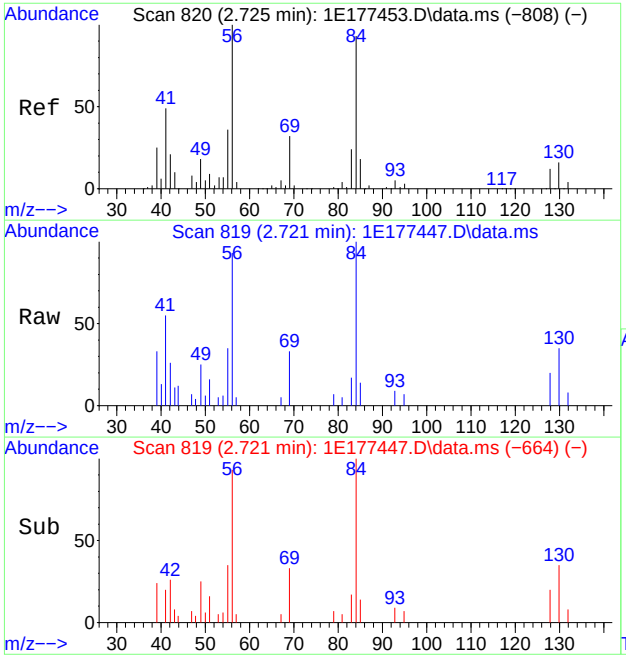


#44
1,1,1-trichloroethane
Concen: 3.92 ug/L
RT: 2.869 min Scan# 865
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 97 Resp: 8921

Ion	Ratio	Lower	Upper
97	100		
99	62.6	34.9	94.9
61	36.9	13.2	73.2

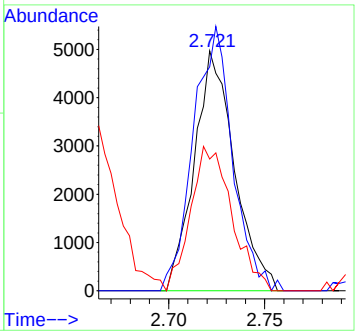


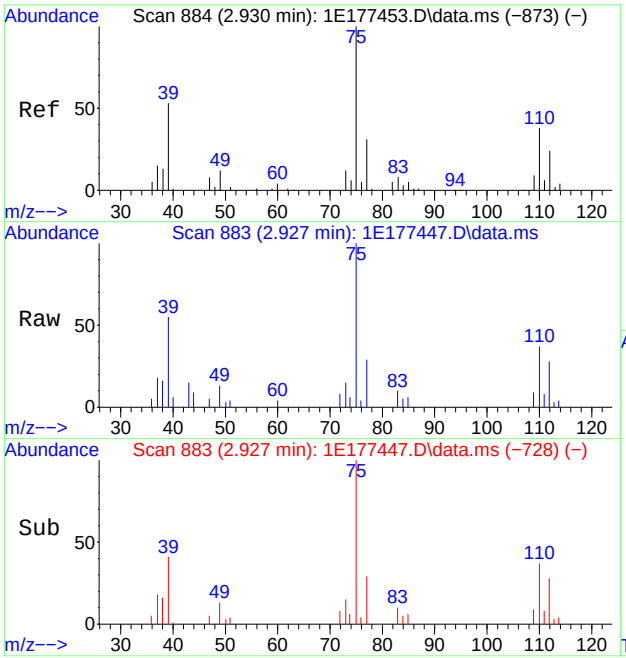


#45
cyclohexane
Concen: 3.75 ug/L
RT: 2.721 min Scan# 819
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 84 Resp: 7246

Ion	Ratio	Lower	Upper
84	100		
56	93.3	87.1	127.1
41	54.9	36.3	76.3

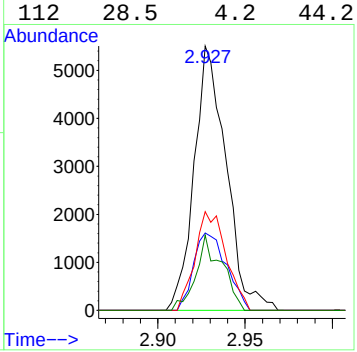


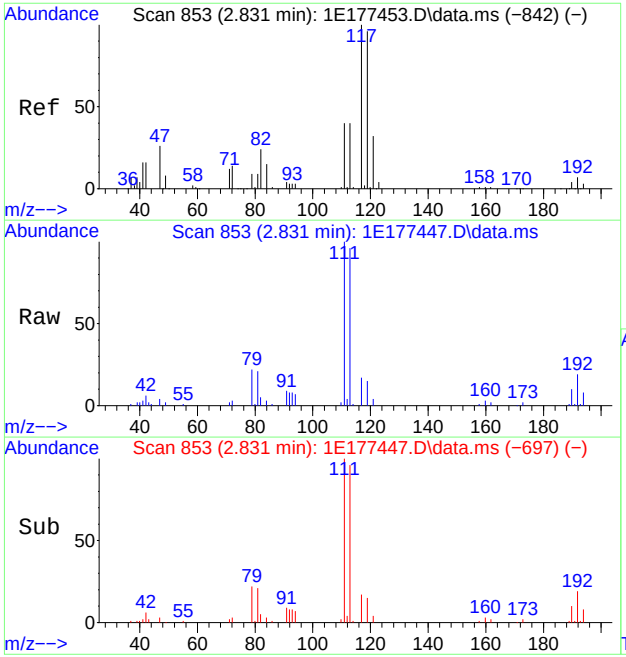


#46
1,1-dichloropropene
Concen: 3.95 ug/L
RT: 2.927 min Scan# 883
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 75 Resp: 7035

Ion	Ratio	Lower	Upper
75	100		
77	29.3	10.6	50.6
110	37.3	17.7	57.7
112	28.5	4.2	44.2

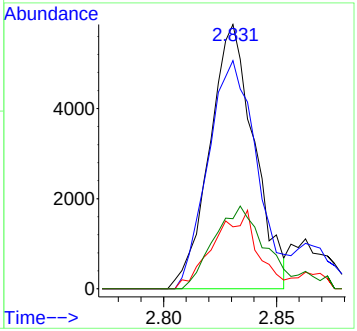


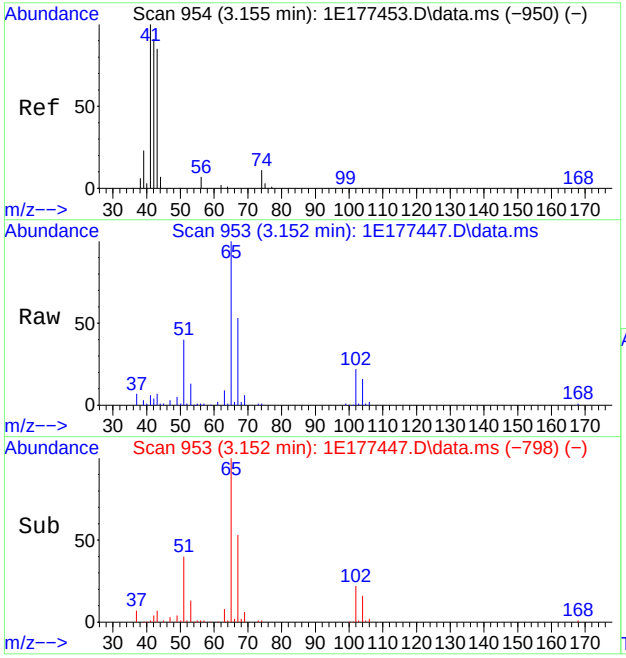


#47
carbon tetrachloride
Concen: 3.66 ug/L
RT: 2.831 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:117 Resp: 8055

Ion	Ratio	Lower	Upper
117	100		
119	86.3	76.4	116.4
121	23.5	12.4	52.4
82	26.5	4.0	44.0

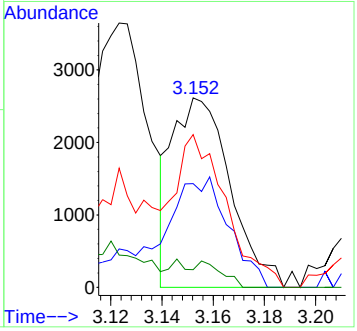


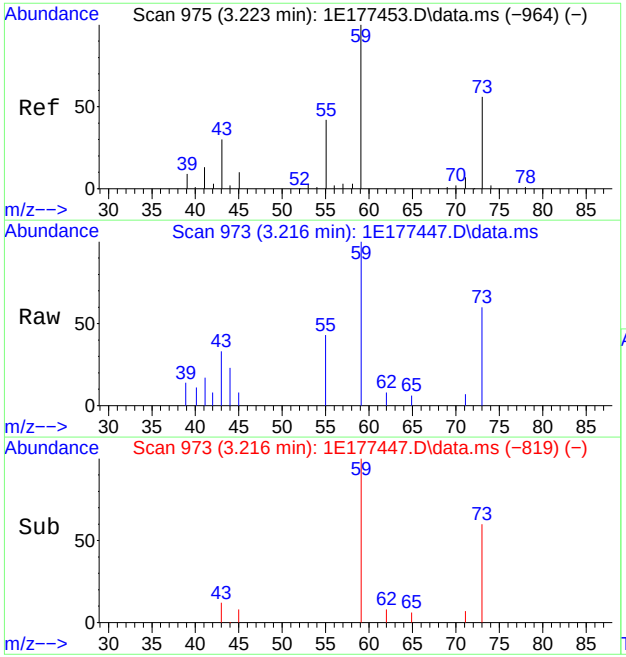


#48
isobutyl alcohol
Concen: 52.75 ug/L
RT: 3.152 min Scan# 953
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 43 Resp: 4118

Ion	Ratio	Lower	Upper
43	100		
42	54.8	34.0	74.0
41	80.7	52.4	92.4
74	9.4	0.0	32.3

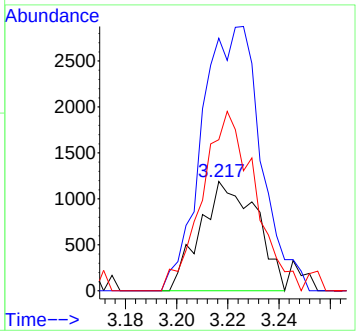


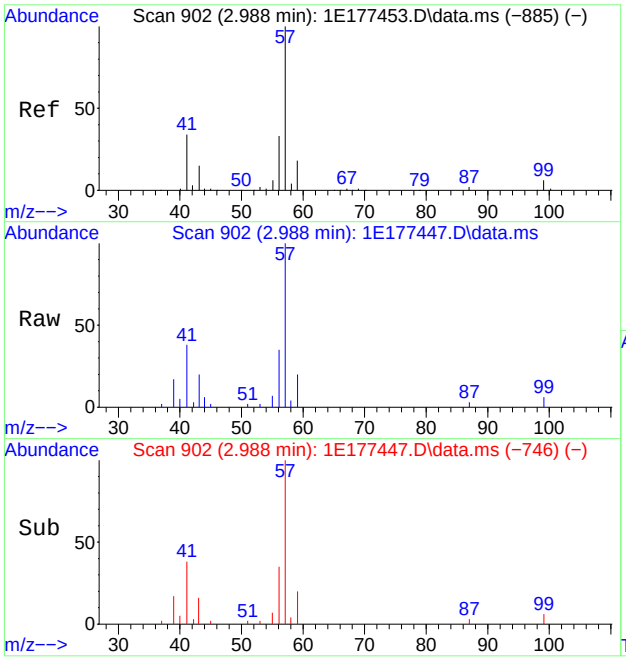


#49
tert-amyl alcohol
Concen: 18.76 ug/L
RT: 3.216 min Scan# 973
Delta R.T. -0.006 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 55 Resp: 1814

Ion	Ratio	Lower	Upper
55	100		
59	231.1	210.1	250.1
73	138.2	111.6	151.6

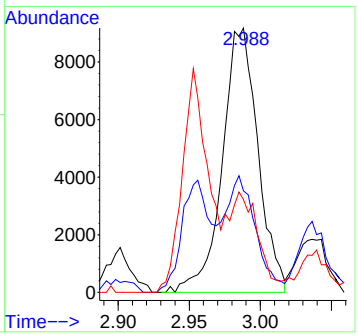


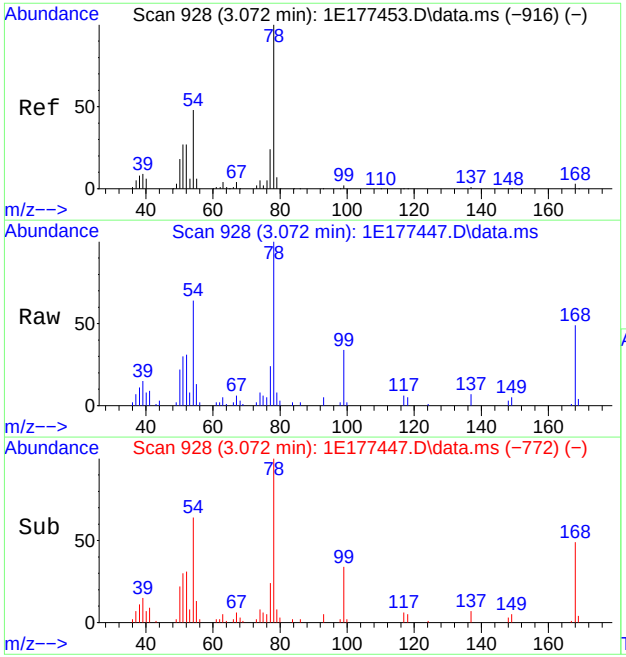


#52
iso-octane
Concen: 3.86 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 57 Resp: 16008

Ion	Ratio	Lower	Upper
57	100		
41	36.6	14.3	54.3
56	32.2	13.6	53.6

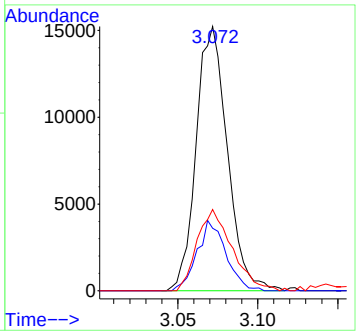


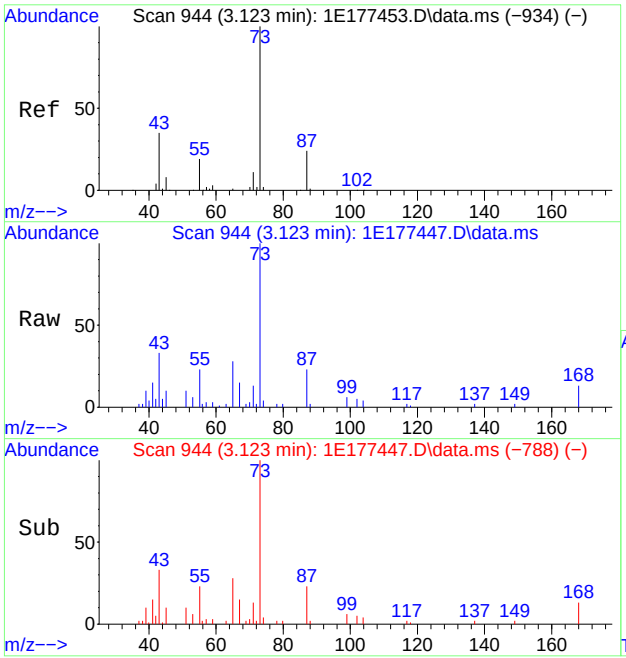


#53
benzene
Concen: 4.08 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 78 Resp: 20672

Ion	Ratio	Lower	Upper
78	100		
77	23.7	0.0	54.3
52	30.8	0.0	57.1

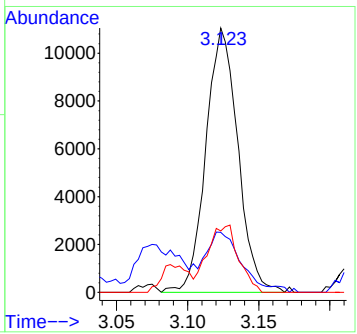


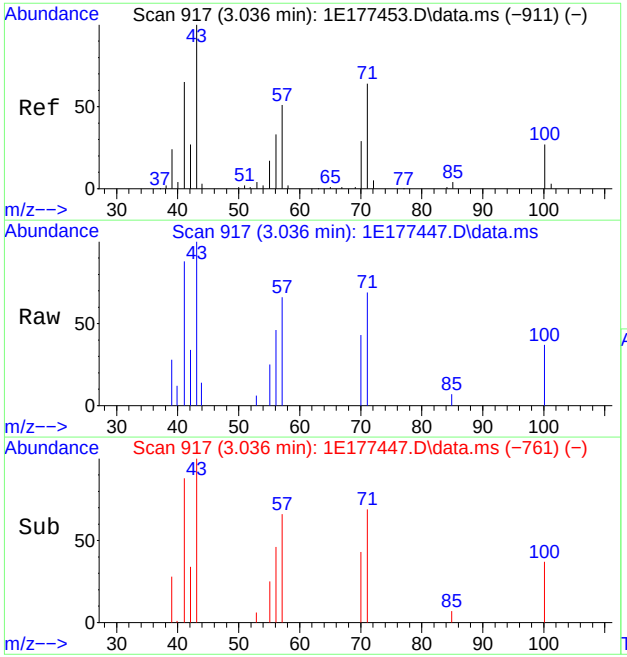


#54
tert-amyl methyl ether
Concen: 4.17 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 73 Resp: 17314

Ion	Ratio	Lower	Upper
73	100		
55	20.8	2.5	42.5
87	23.2	5.0	45.0

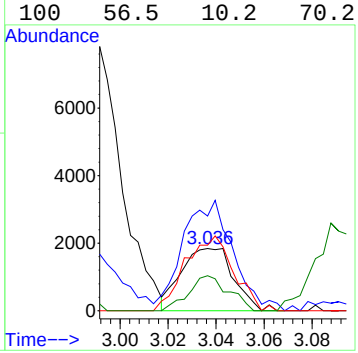


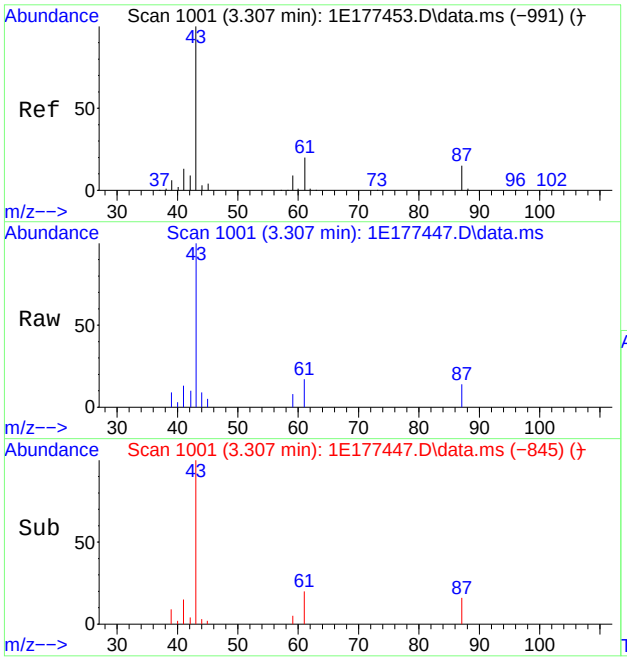


#55
heptane
Concen: 3.55 ug/L
RT: 3.036 min Scan# 917
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 57 Resp: 2806

Ion	Ratio	Lower	Upper
57	100		
43	152.4	129.2	189.2
71	105.3	71.9	131.9
100	56.5	10.2	70.2

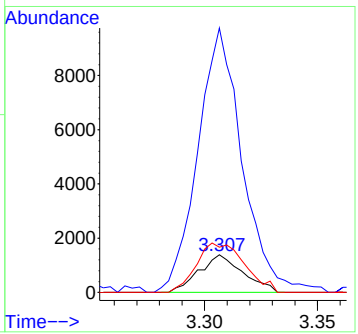


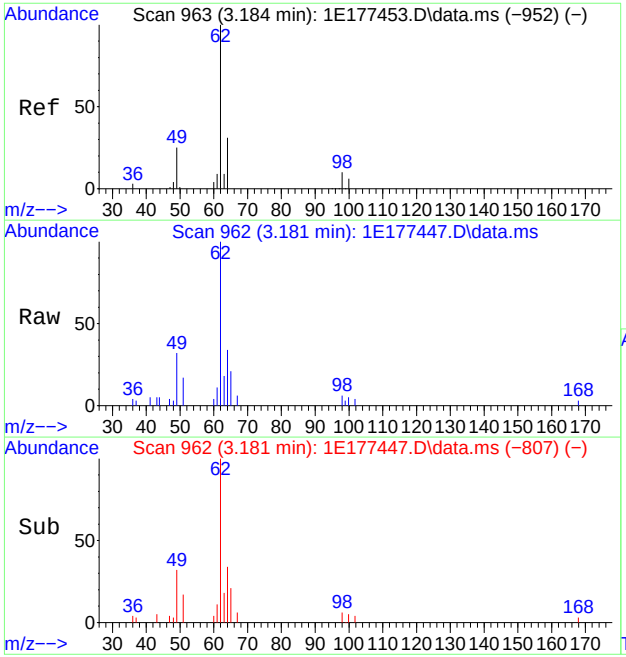


#56
isopropyl acetate
Concen: 4.33 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 87 Resp: 1873

Ion	Ratio	Lower	Upper
87	100		
43	688.6	647.0	707.0
61	119.5	104.0	164.0

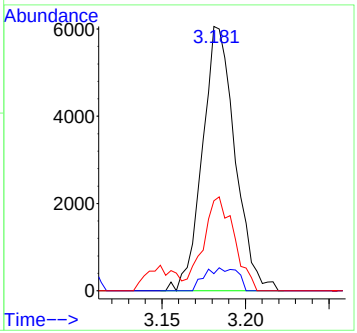


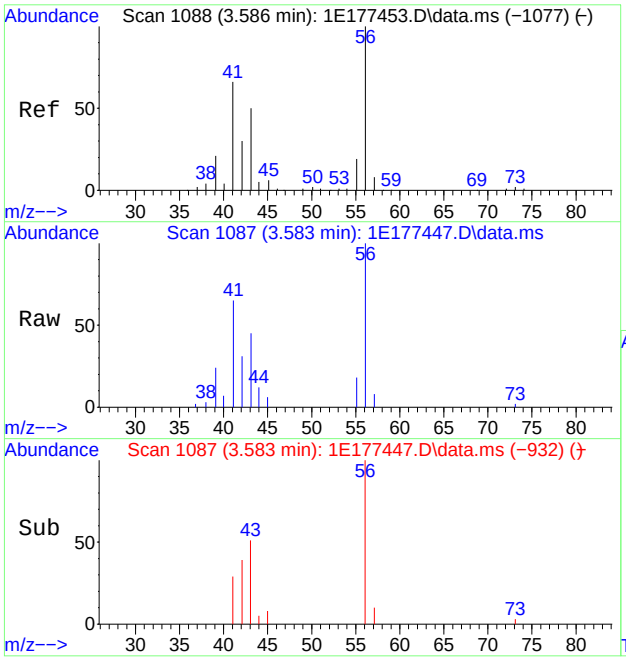


#57
1,2-dichloroethane
Concen: 3.83 ug/L
RT: 3.181 min Scan# 962
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 62 Resp: 8214

Ion	Ratio	Lower	Upper
62	100		
98	6.5	0.0	39.5
64	34.0	1.9	61.9

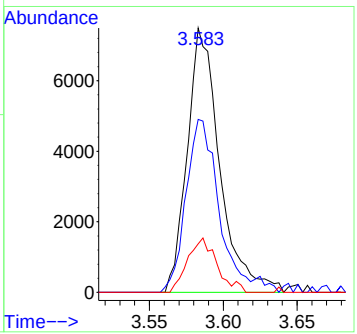


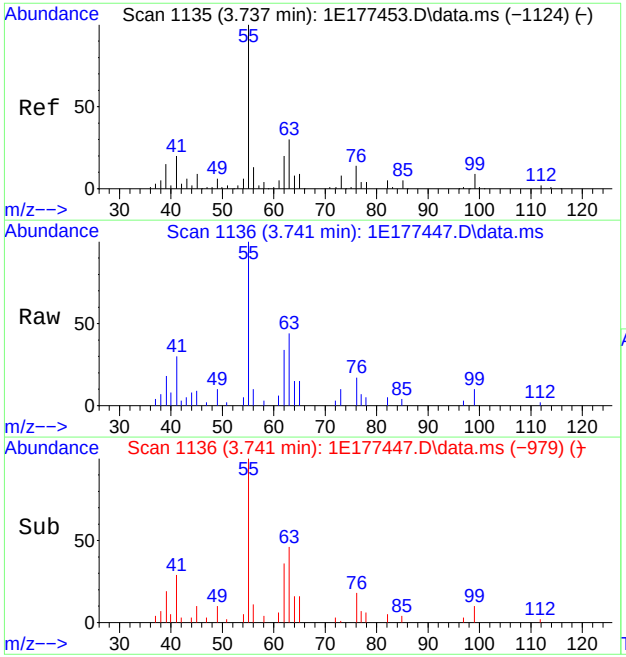


#58
n-butyl alcohol
Concen: 218.25 ug/L
RT: 3.583 min Scan# 1087
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 56 Resp: 11508

Ion	Ratio	Lower	Upper
56	100		
41	65.4	46.6	86.6
55	18.4	0.0	39.2

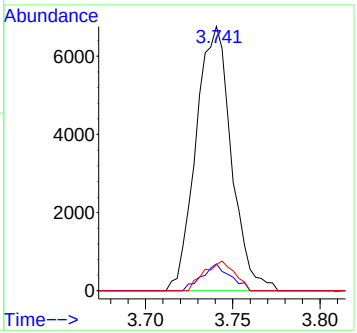


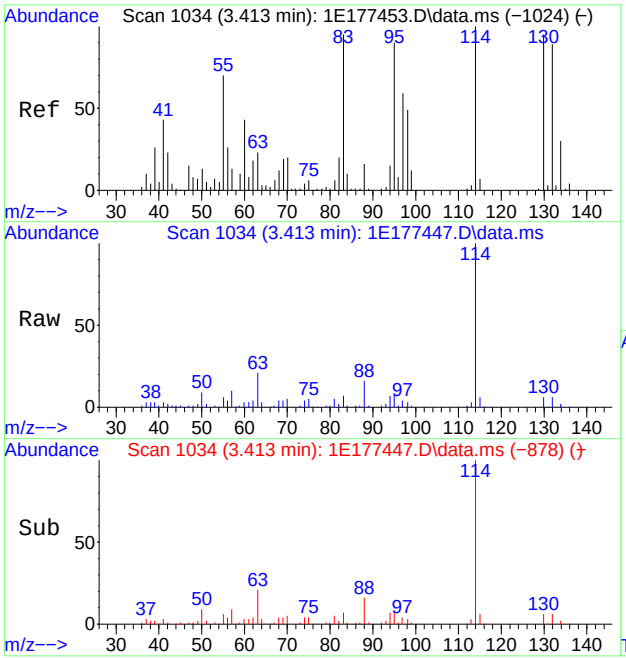


#59
ethyl acrylate
Concen: 4.03 ug/L
RT: 3.741 min Scan# 1136
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 55 Resp: 9553

Ion	Ratio	Lower	Upper
55	100		
73	10.2	0.0	37.9
99	9.9	0.0	38.9

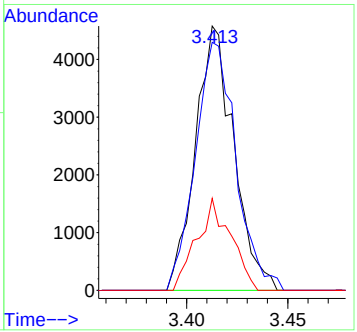


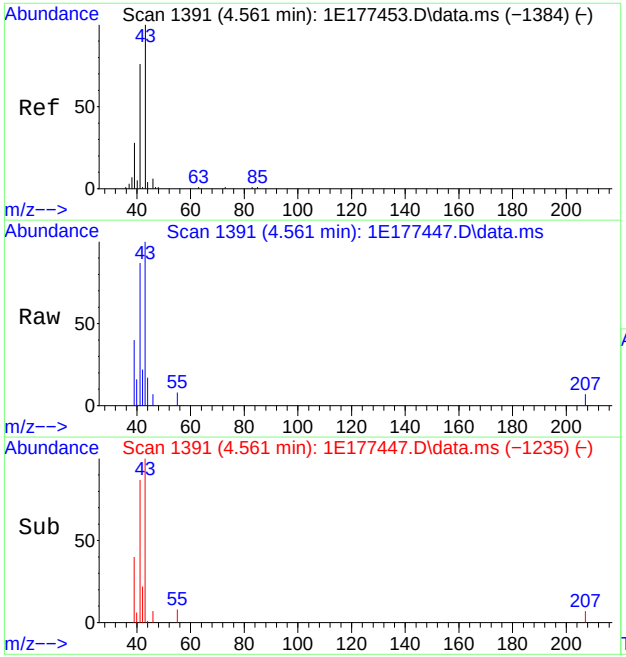


#60
trichloroethene
Concen: 3.97 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:130 Resp: 6054

Ion	Ratio	Lower	Upper
130	100		
132	93.8	63.8	123.8
134	34.8	1.3	61.3

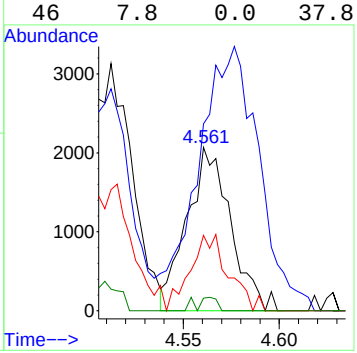


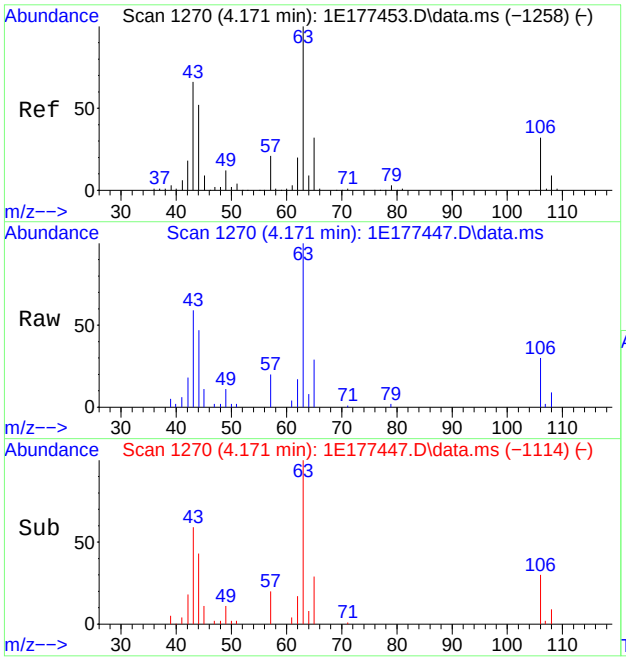


#61
2-nitropropane
Concen: 4.17 ug/L
RT: 4.561 min Scan# 1391
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 41 Resp: 3279

Ion	Ratio	Lower	Upper
41	100		
43	91.6	93.3	153.3#
39	46.2	9.2	69.2
46	7.8	0.0	37.8

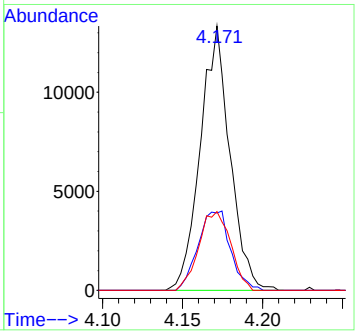


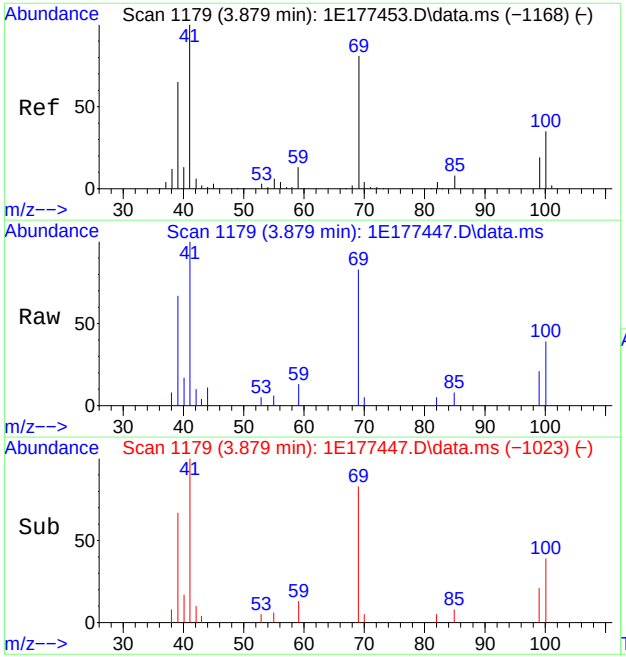


#62
2-chloroethyl vinyl ether
Concen: 21.52 ug/L
RT: 4.171 min Scan# 1270
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 63 Resp: 17219

Ion	Ratio	Lower	Upper
63	100		
65	29.2	1.9	61.9
106	29.8	2.0	62.0

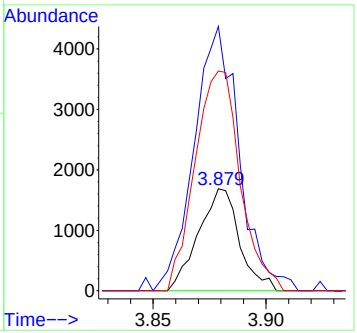


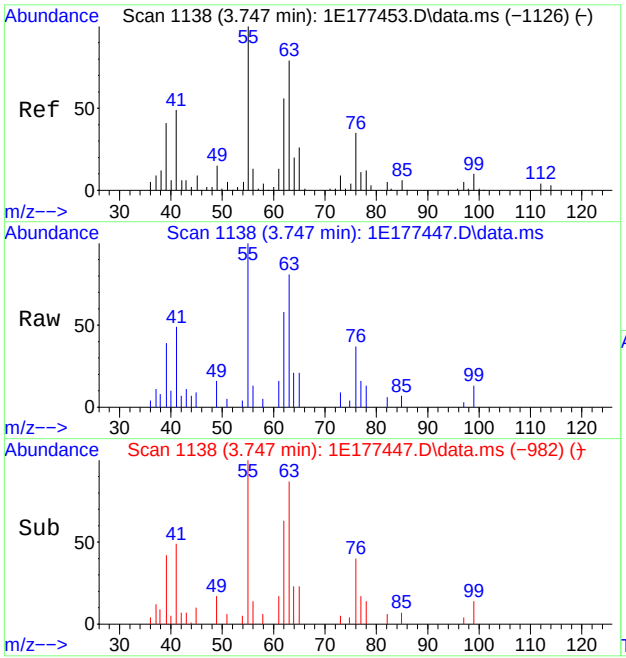


#63
methyl methacrylate
Concen: 4.10 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:100 Resp: 2125

Ion	Ratio	Lower	Upper
100	100		
41	249.7	253.3	313.3#
69	215.6	198.3	258.3

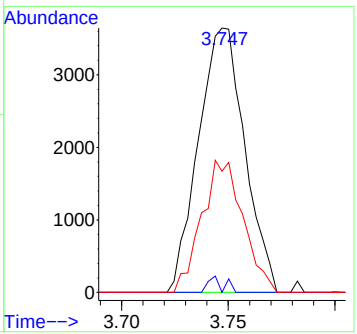




#64
1,2-dichloropropane
Concen: 4.24 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

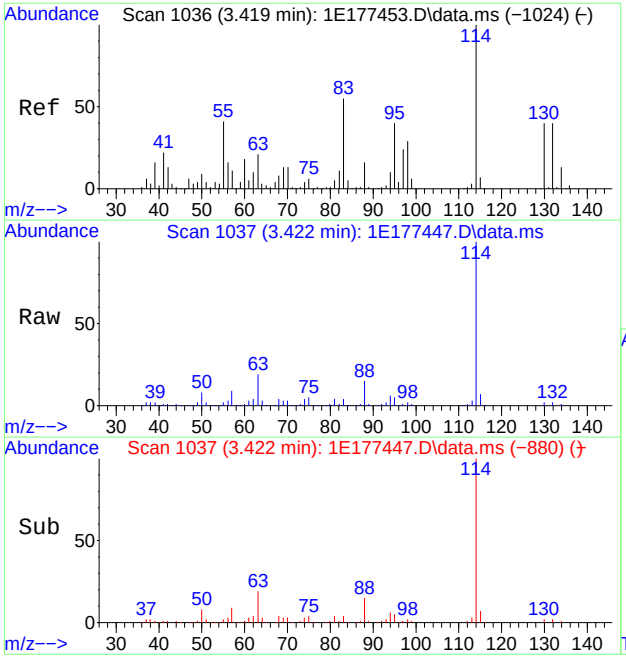
Tgt Ion: 63 Resp: 5518

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.8
76	45.8	14.8	74.8



7.6.5

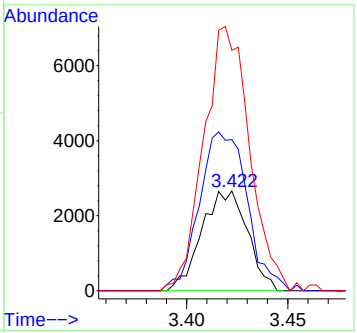
7

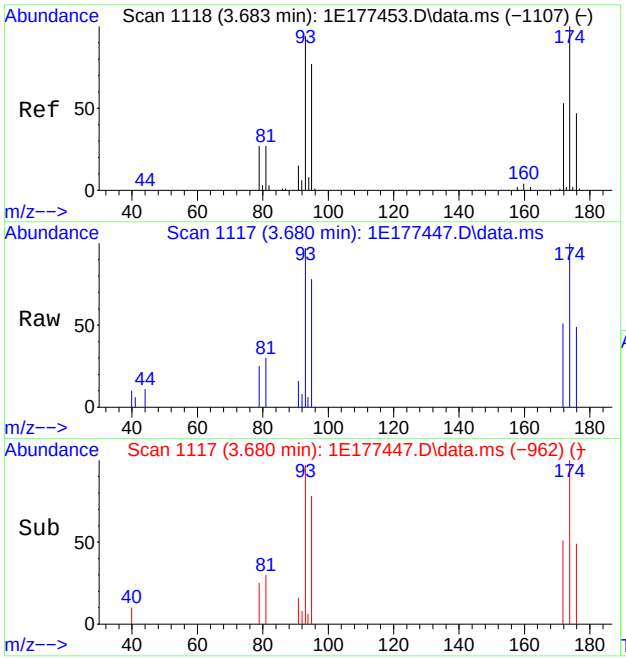


#65
methylcyclohexane
Concen: 3.78 ug/L
RT: 3.422 min Scan# 1037
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 98 Resp: 4211

Ion	Ratio	Lower	Upper
98	100		
55	151.2	109.6	169.6
83	240.7	187.2	187.2#

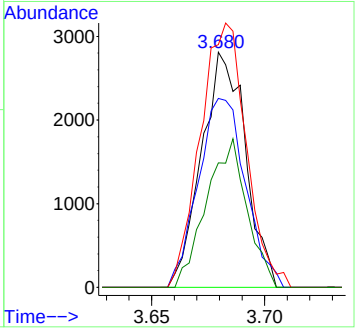


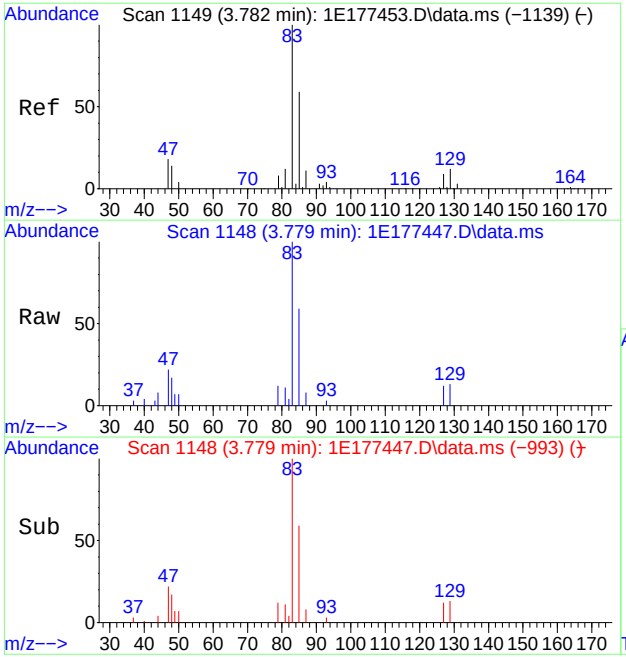


#66
dibromomethane
Concen: 3.69 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 93 Resp: 3795

Ion	Ratio	Lower	Upper
93	100		
95	80.4	51.7	111.7
174	103.3	76.6	136.6
172	53.0	36.3	76.3

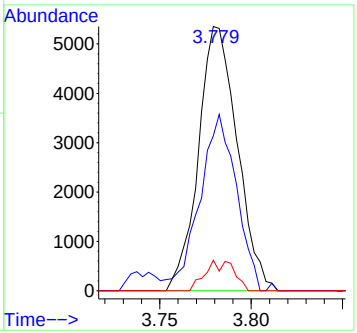


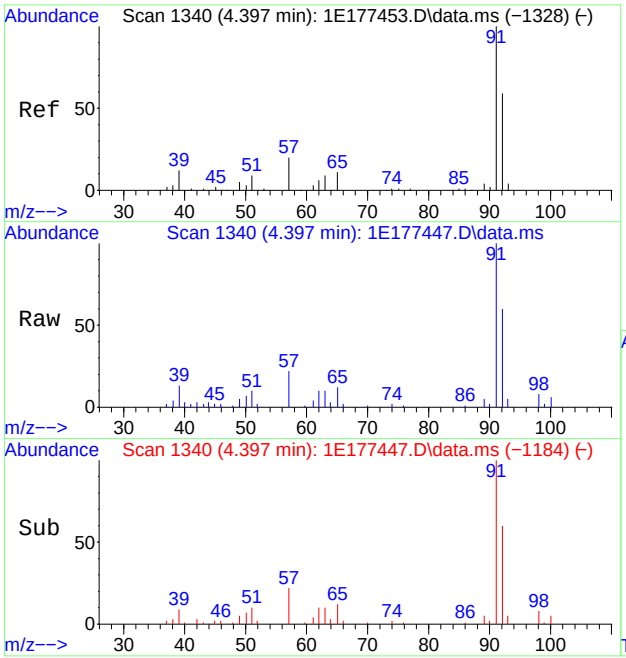


#67
bromodichloromethane
Concen: 4.14 ug/L
RT: 3.779 min Scan# 1148
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 83 Resp: 7951

Ion	Ratio	Lower	Upper
83	100		
85	58.6	33.0	93.0
127	11.5	0.0	38.8

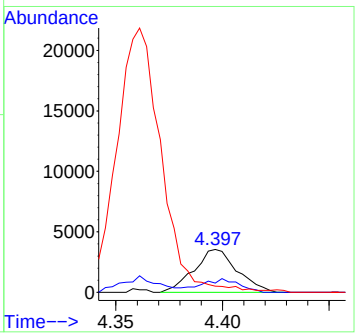


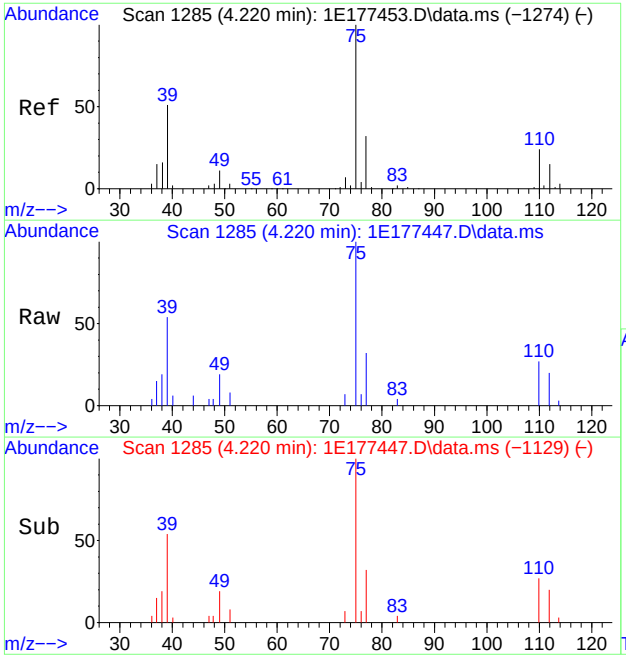


#68
epichlorohydrin
Concen: 21.03 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 57 Resp: 5011

Ion	Ratio	Lower	Upper
57	100		
49	22.0	8.6	48.6
42	9.5	0.0	30.2

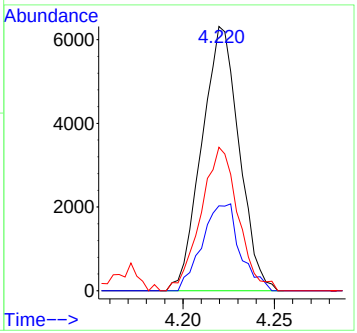


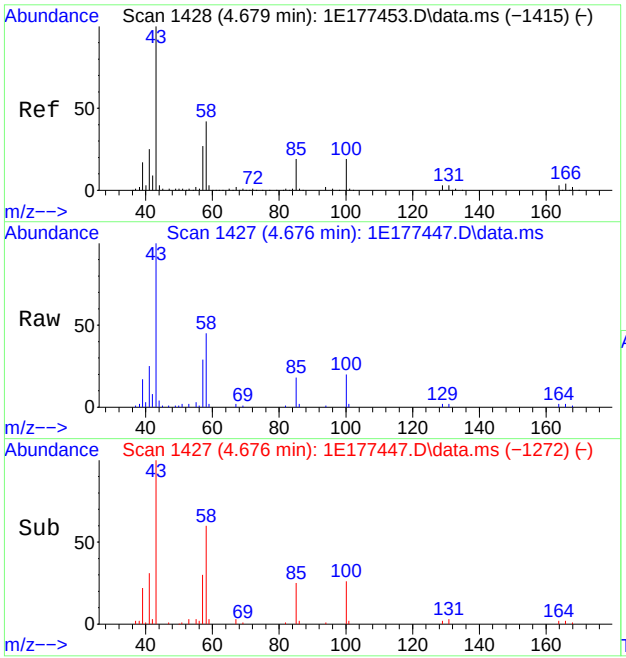


#69
cis-1,3-dichloropropene
Concen: 3.95 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 75 Resp: 9008

Ion	Ratio	Lower	Upper
75	100		
77	32.1	2.1	62.1
39	54.3	23.0	83.0

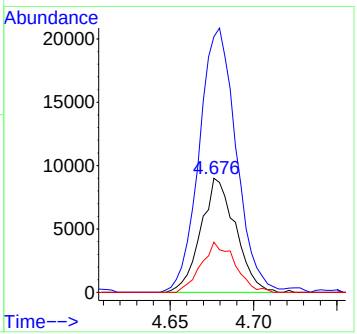


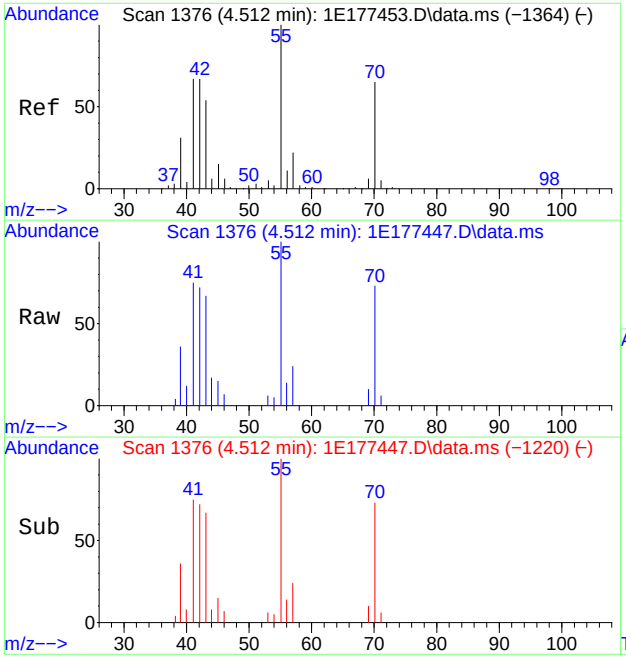


#70
4-methyl-2-pentanone
Concen: 16.88 ug/L
RT: 4.676 min Scan# 1427
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 58 Resp: 13058

Ion	Ratio	Lower	Upper
58	100		
43	223.8	210.4	270.4
100	44.0	14.6	74.6

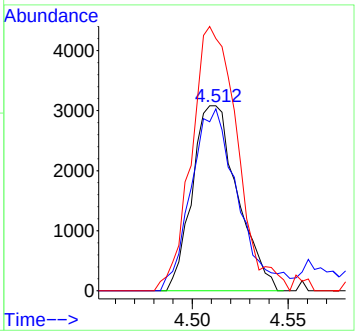


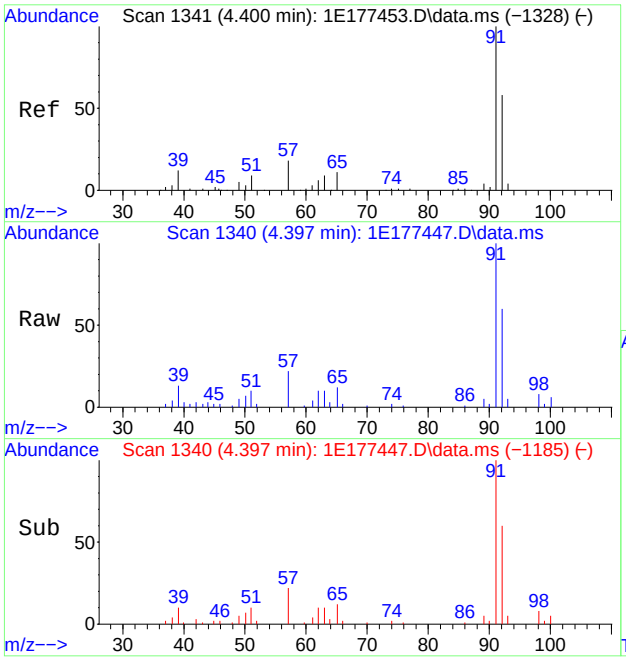


#71
3-methyl-1-butanol
Concen: 87.16 ug/L
RT: 4.512 min Scan# 1376
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 70 Resp: 5040

Ion	Ratio	Lower	Upper
70	100		
42	98.3	73.1	133.1
55	131.3	123.9	183.9

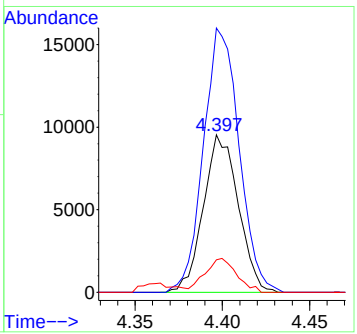


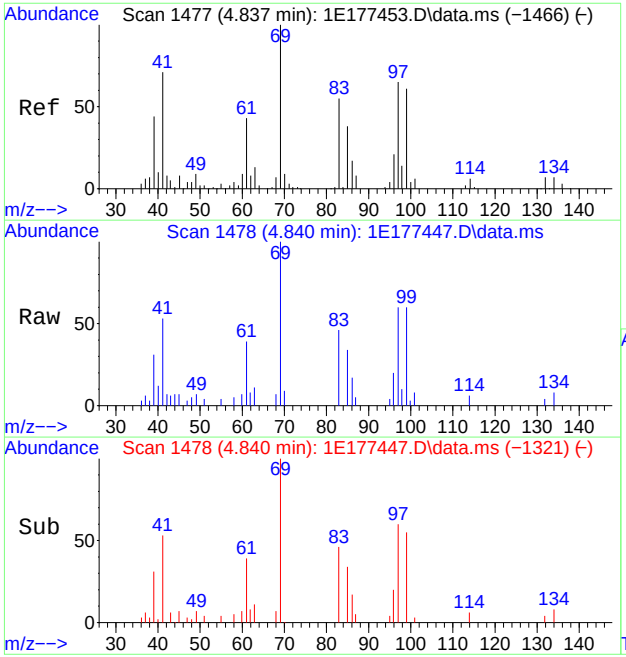


#74
toluene
Concen: 4.00 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 92 Resp: 13269

Ion	Ratio	Lower	Upper
92	100		
91	167.9	151.4	191.4
65	20.6	0.0	39.2

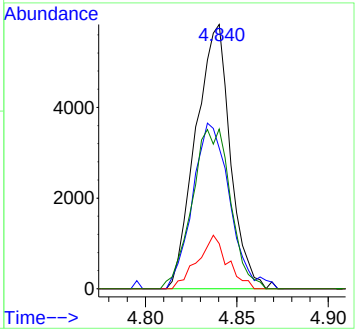


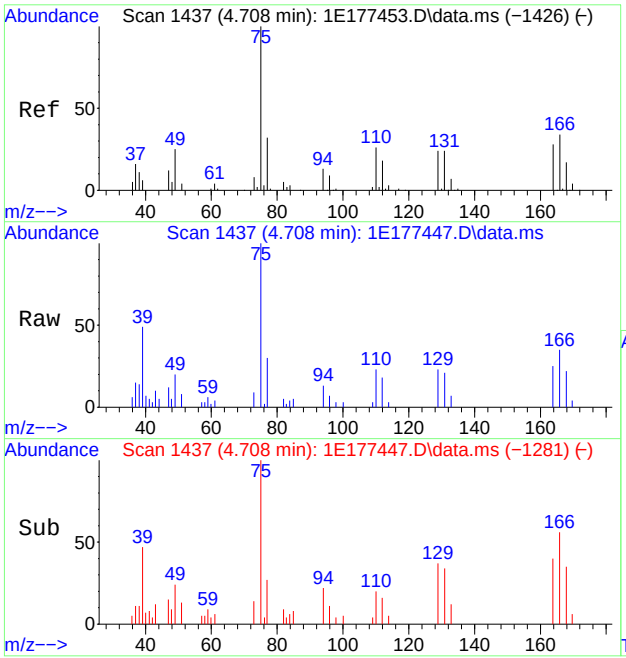


#75
ethyl methacrylate
Concen: 3.89 ug/L
RT: 4.840 min Scan# 1478
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 69 Resp: 7715

Ion	Ratio	Lower	Upper
69	100		
41	53.2	51.1	91.1
86	17.1	0.0	36.7
99	60.4	41.3	81.3

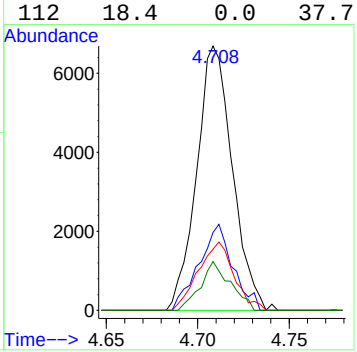


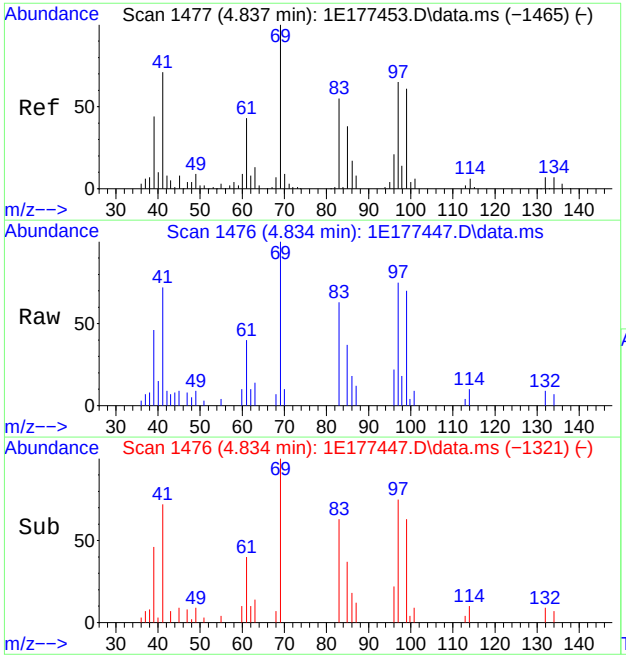


#76
trans-1,3-dichloropropene
Concen: 4.29 ug/L
RT: 4.708 min Scan# 1437
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 75 Resp: 9148

Ion	Ratio	Lower	Upper
75	100		
77	29.5	12.4	52.4
110	23.1	6.3	46.3
112	18.4	0.0	37.7

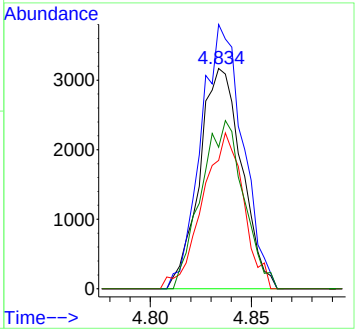


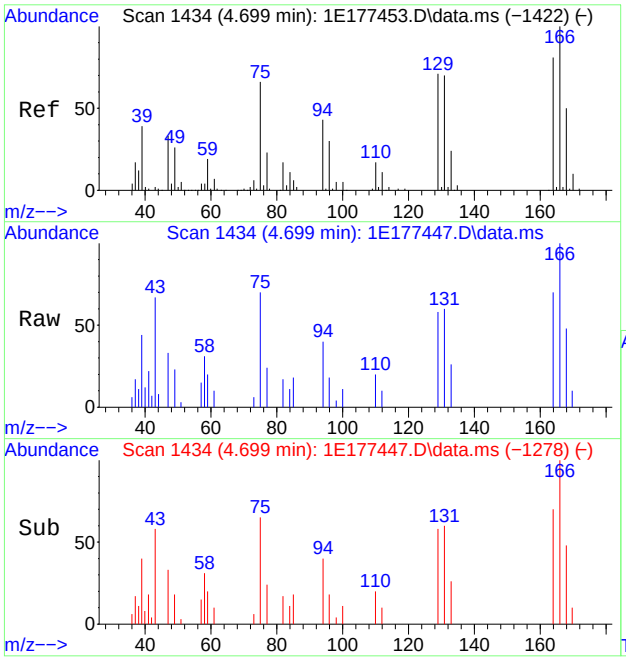


#77
1,1,2-trichloroethane
Concen: 3.81 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 83 Resp: 4591

Ion	Ratio	Lower	Upper
83	100		
97	120.0	97.4	137.4
85	58.2	48.3	88.3
61	64.2	56.7	96.7

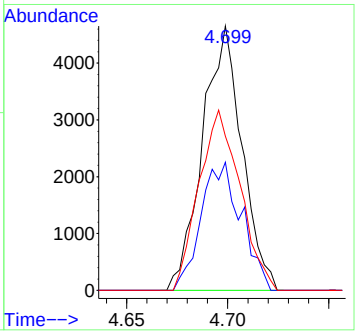


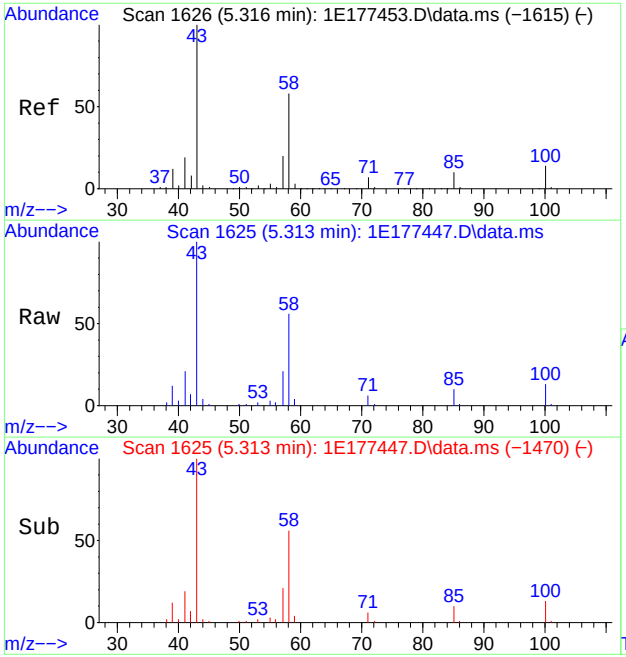


#78
tetrachloroethene
Concen: 3.93 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:166 Resp: 6328

Ion	Ratio	Lower	Upper
166	100		
168	48.5	20.1	80.1
129	58.3	41.0	101.0

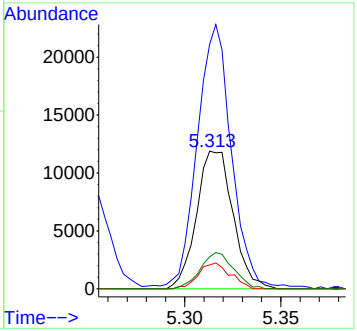


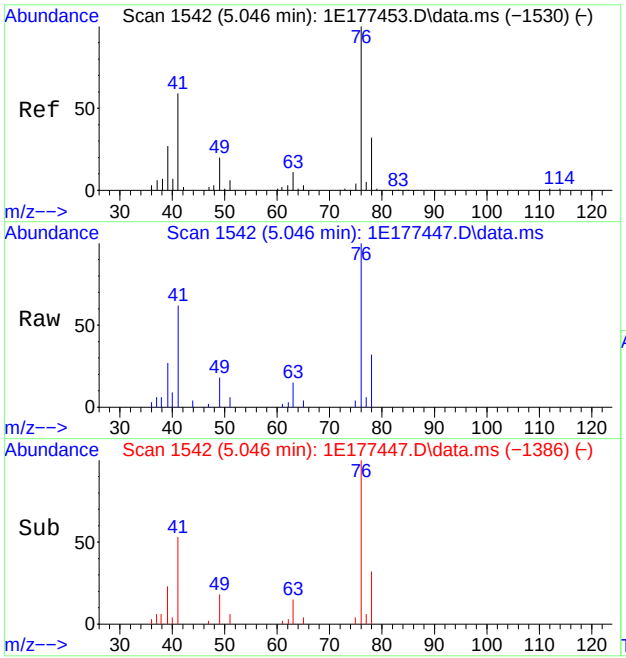


#79
2-hexanone
Concen: 16.39 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 58 Resp: 15713

Ion	Ratio	Lower	Upper
58	100		
43	175.5	153.6	193.6
85	17.3	0.0	37.1
100	23.2	5.0	45.0

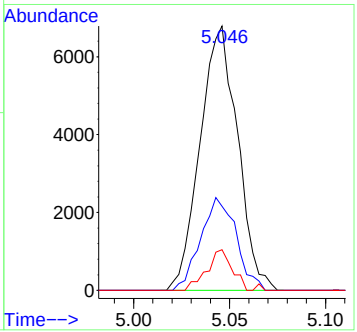


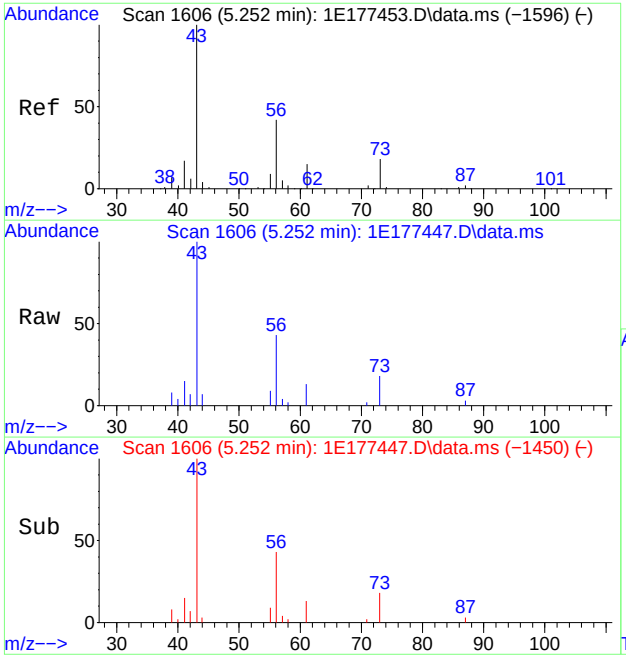


#80
1,3-dichloropropane
Concen: 4.11 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 76 Resp: 9247

Ion	Ratio	Lower	Upper
76	100		
78	31.9	2.4	62.4
63	15.4	0.0	41.1

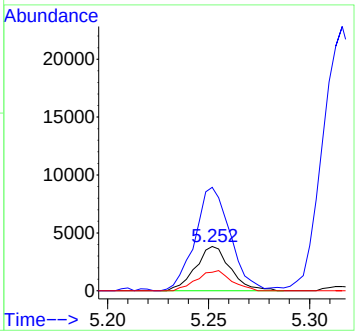


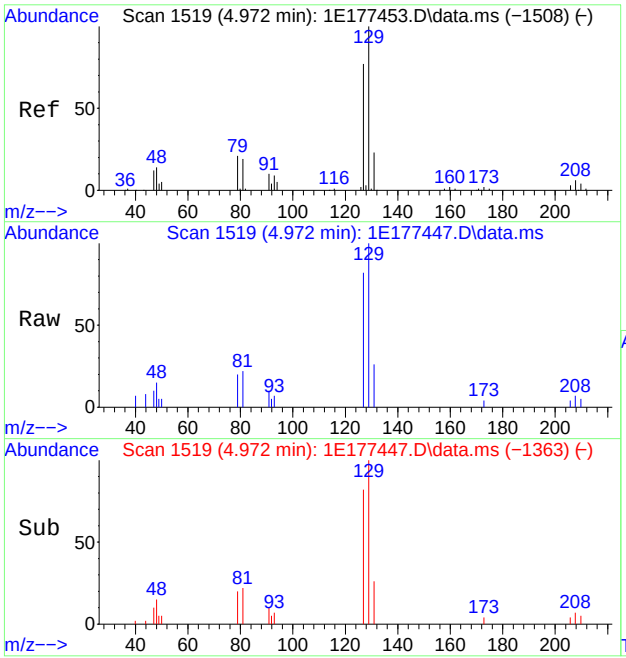


#81
butyl acetate
Concen: 3.96 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 56 Resp: 4579

Ion	Ratio	Lower	Upper
56	100		
43	233.4	205.8	265.8
73	41.6	13.1	73.1

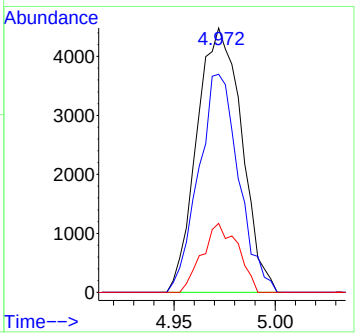


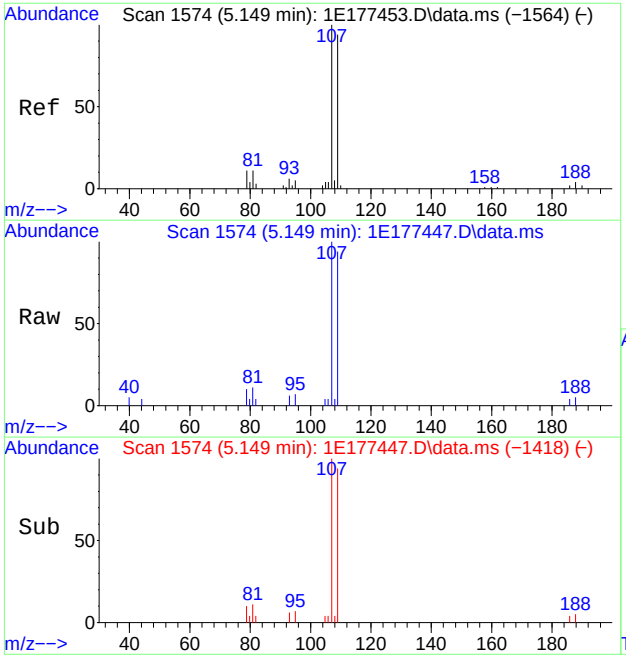


#82
dibromochloromethane
Concen: 3.92 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:129 Resp: 6913

Ion	Ratio	Lower	Upper
129	100		
127	82.4	47.3	107.3
131	26.1	0.0	52.9

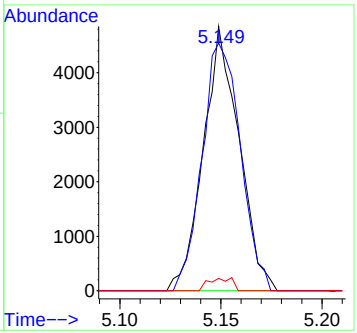


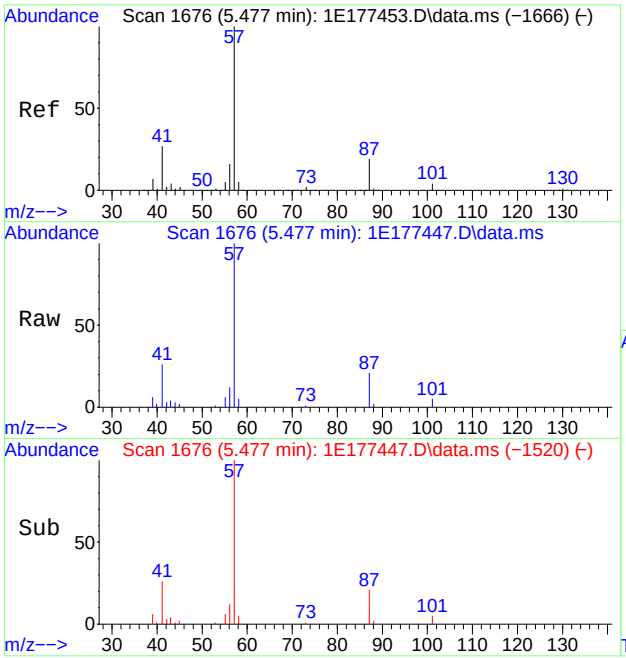


#83
1,2-dibromoethane
Concen: 4.00 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:107 Resp: 5973

Ion	Ratio	Lower	Upper
107	100		
109	93.7	63.9	123.9
188	4.7	0.0	34.1

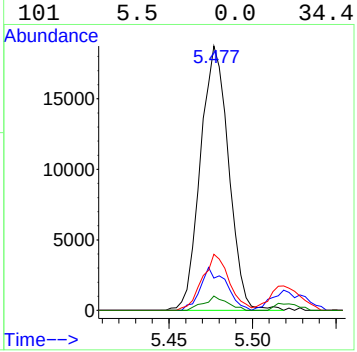


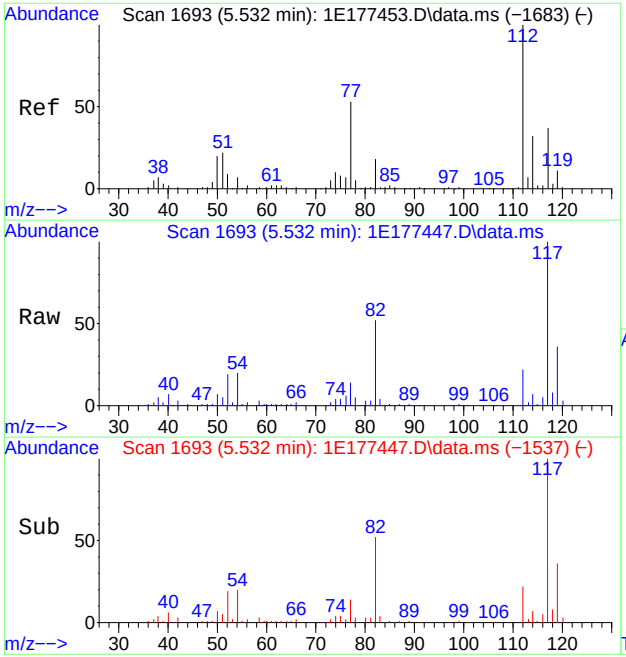


#84
n-butyl ether
Concen: 4.08 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 57 Resp: 22049

Ion	Ratio	Lower	Upper
57	100		
56	12.2	0.0	45.9
87	21.2	0.0	49.2
101	5.5	0.0	34.4

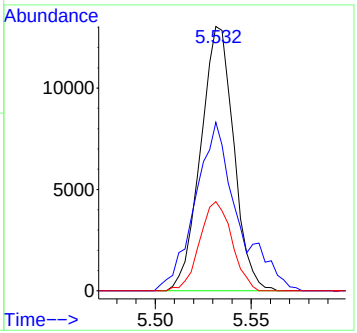


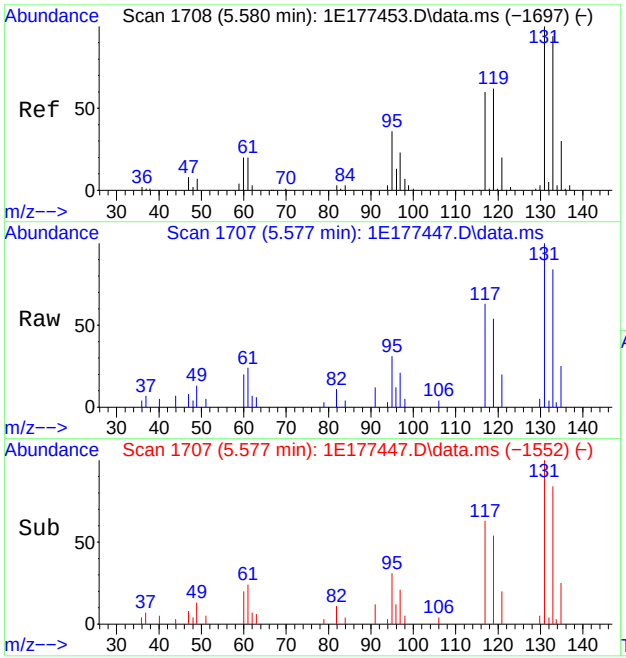


#85
chlorobenzene
Concen: 3.99 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:112 Resp: 15639

Ion	Ratio	Lower	Upper
112	100		
77	61.5	23.2	83.2
114	33.7	2.3	62.3

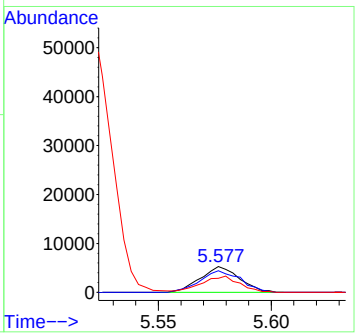


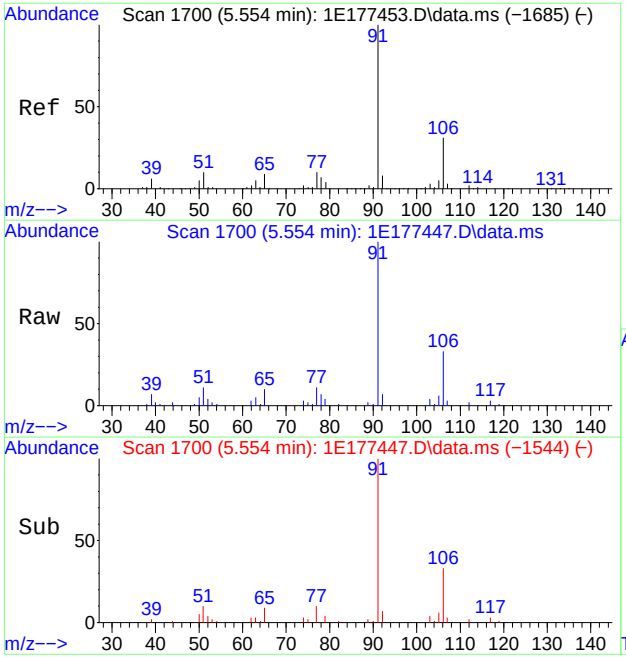


#86
1,1,1,2-tetrachloroethane
Concen: 4.28 ug/L
RT: 5.577 min Scan# 1707
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:131 Resp: 6336

Ion	Ratio	Lower	Upper
131	100		
133	83.6	64.5	124.5
119	54.0	33.5	93.5

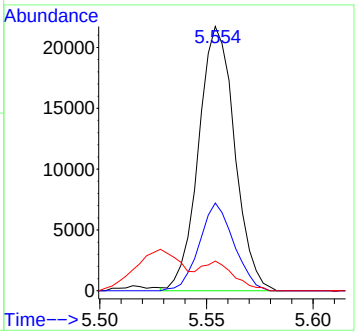


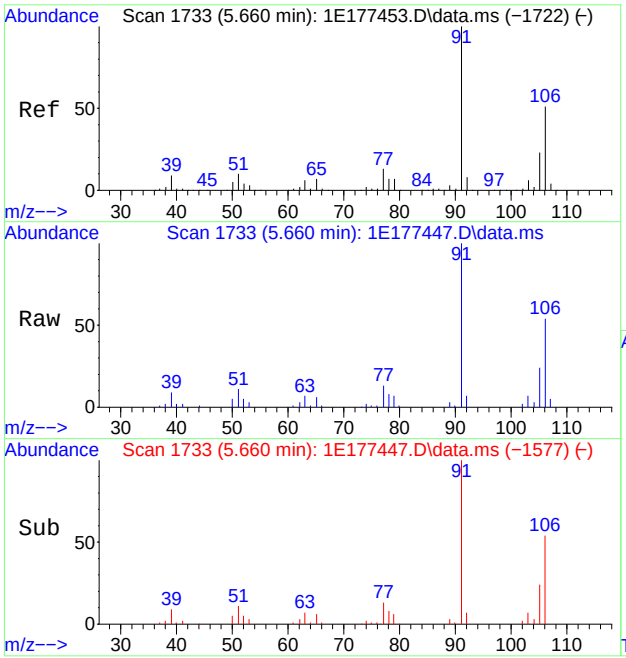


#87
ethylbenzene
Concen: 4.01 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 91 Resp: 25583

Ion	Ratio	Lower	Upper
91	100		
106	33.2	1.0	61.0
51	11.2	0.0	40.1

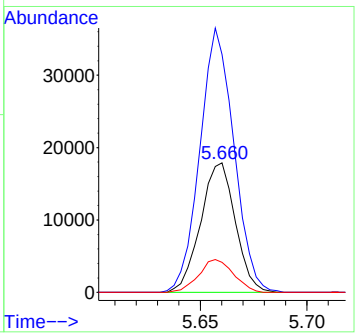


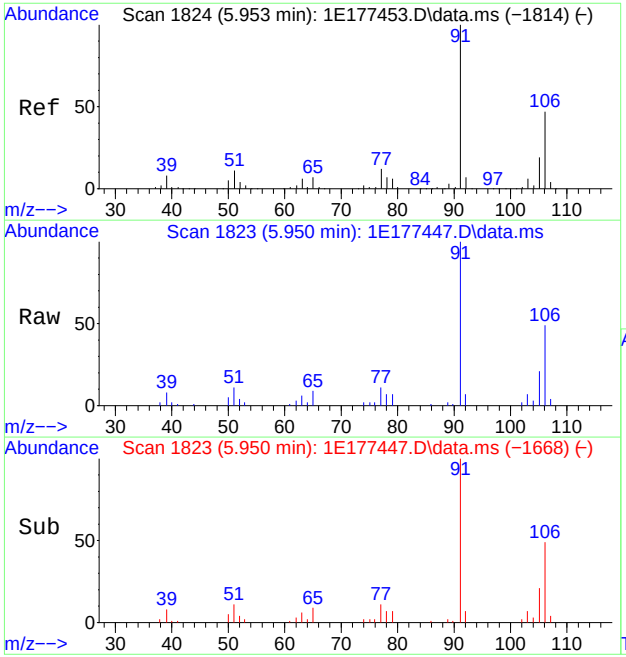


#88
m,p-xylene
Concen: 8.09 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:106 Resp: 20279

Ion	Ratio	Lower	Upper
106	100		
91	183.9	166.4	226.4
77	23.2	5.3	45.3

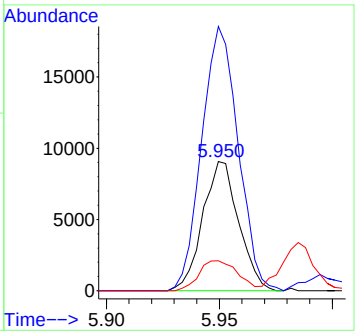


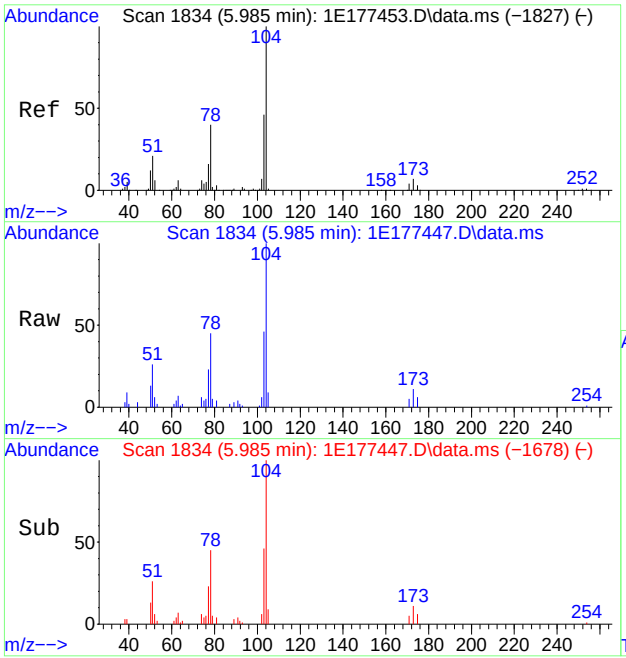


#89
o-xylene
Concen: 4.02 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:106 Resp: 10015

Ion	Ratio	Lower	Upper
106	100		
91	204.5	184.0	244.0
77	23.1	6.6	46.6

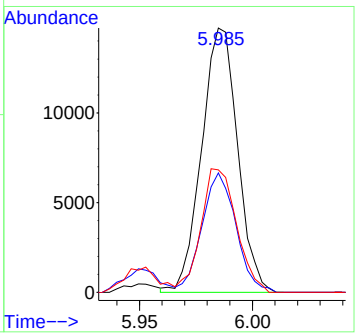


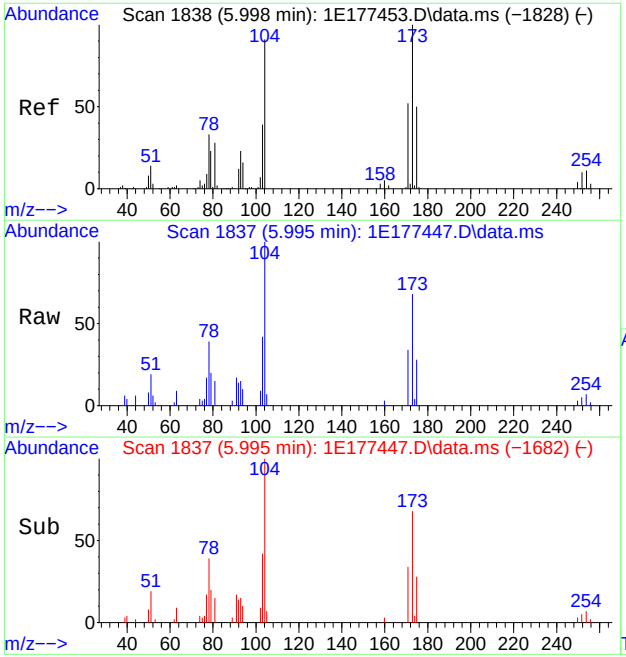


#90
styrene
Concen: 3.87 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:104 Resp: 16283

Ion	Ratio	Lower	Upper
104	100		
78	45.2	12.2	72.2
103	46.4	18.0	78.0

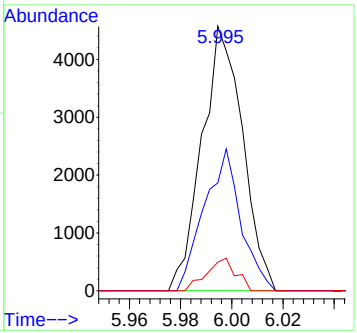


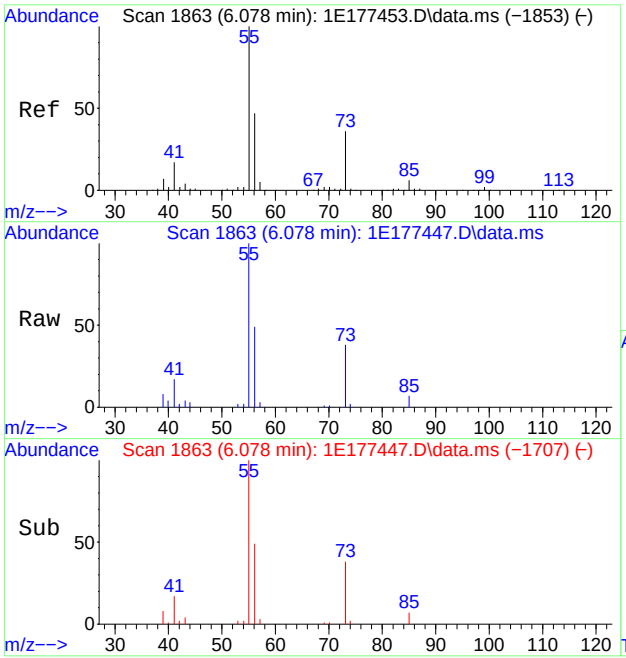


#91
bromoform
Concen: 4.08 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:173 Resp: 5047

Ion	Ratio	Lower	Upper
173	100		
175	40.8	20.2	80.2
254	10.8	0.0	40.9

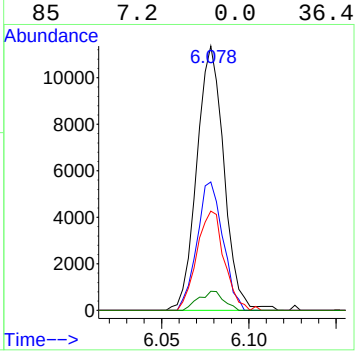


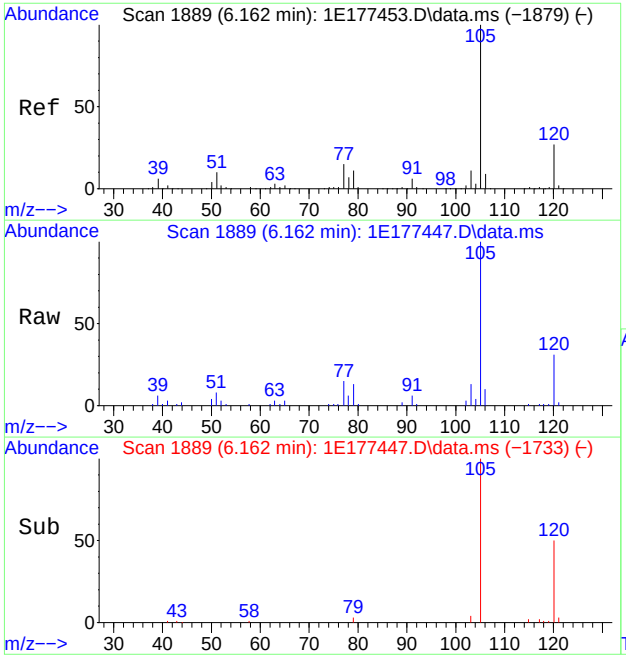


#92
butyl acrylate
Concen: 3.98 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 55 Resp: 12295

Ion	Ratio	Lower	Upper
55	100		
56	48.6	17.5	77.5
73	37.5	5.8	65.8
85	7.2	0.0	36.4

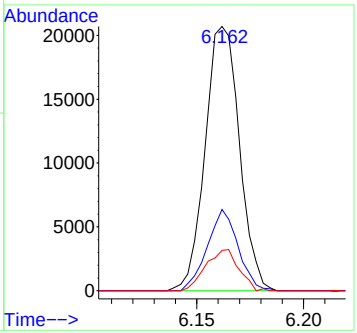


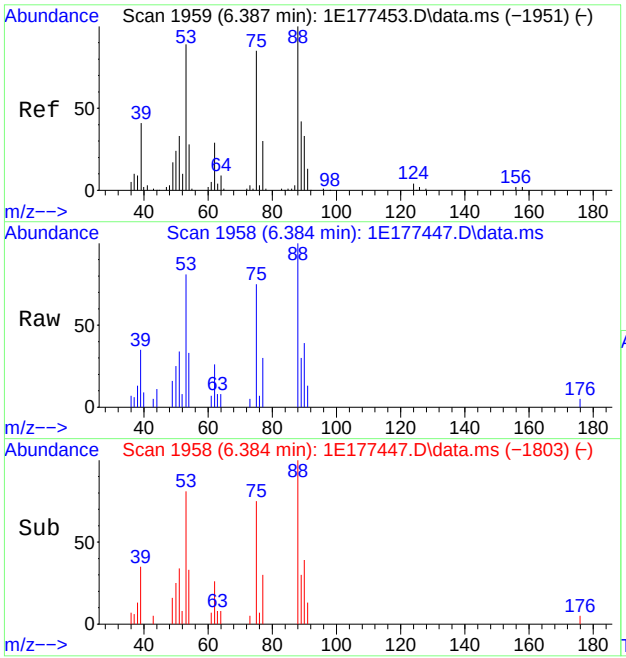


#93
isopropylbenzene
Concen: 3.84 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:105 Resp: 23182

Ion	Ratio	Lower	Upper
105	100		
120	30.7	6.8	46.8
77	15.3	0.0	34.9

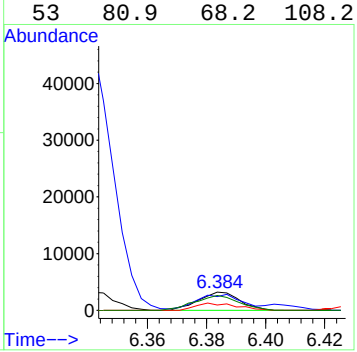


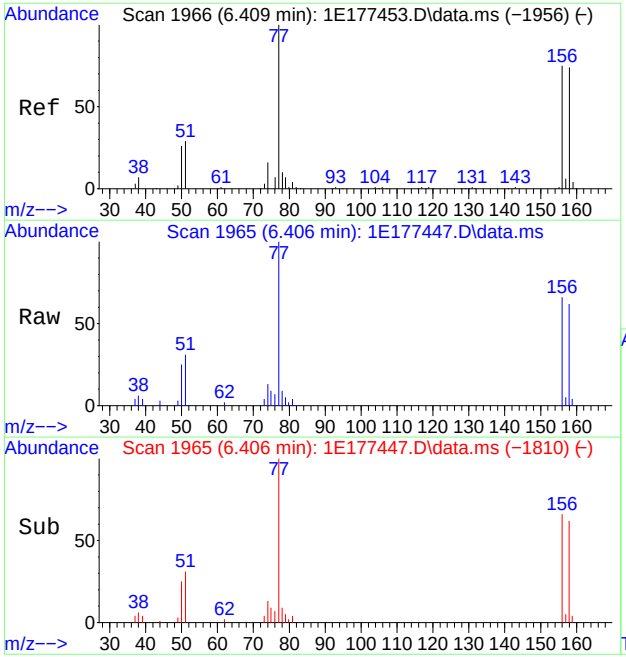


#94
cis-1,4-dichloro-2-butene
Concen: 3.76 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 88 Resp: 3126

Ion	Ratio	Lower	Upper
88	100		
75	64.9	64.1	104.1
89	30.2	22.2	62.2
53	80.9	68.2	108.2

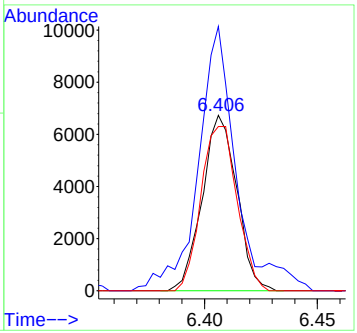


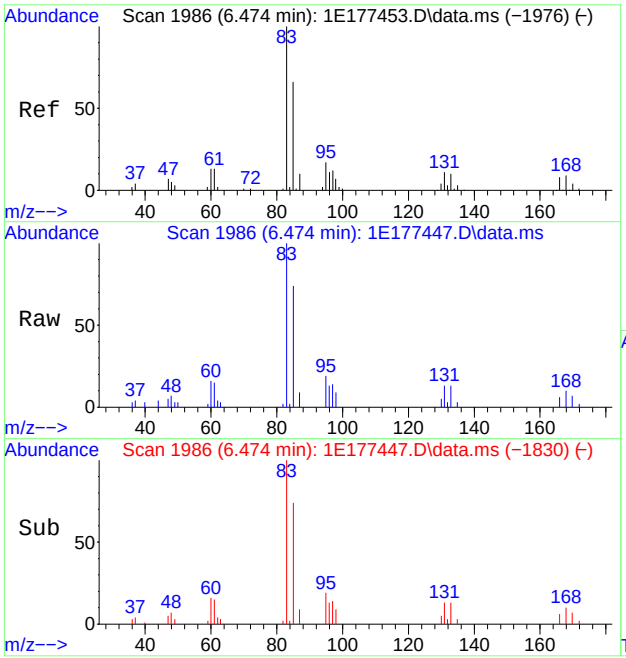


#97
bromobenzene
Concen: 4.42 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:156 Resp: 7169

Ion	Ratio	Lower	Upper
156	100		
77	143.1	106.4	166.4
158	93.7	68.2	128.2

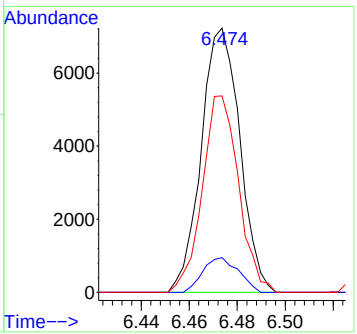


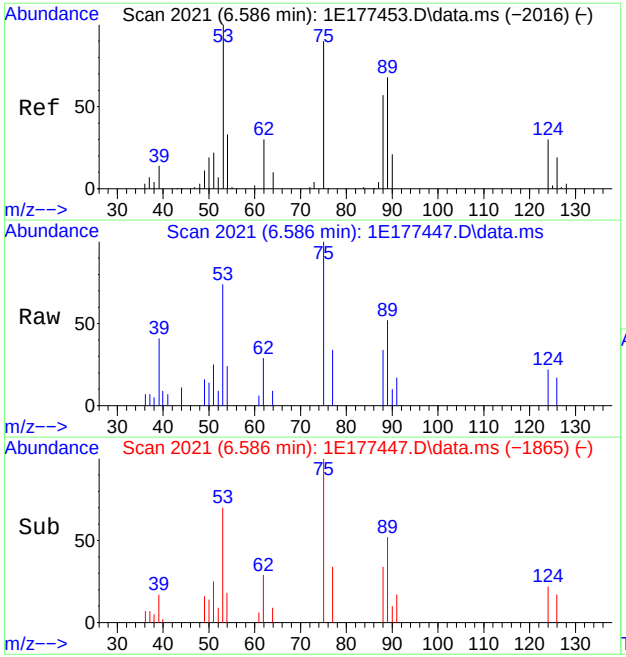


#98
1,1,2,2-tetrachloroethane
Concen: 4.01 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 83 Resp: 8076

Ion	Ratio	Lower	Upper
83	100		
131	13.2	0.0	41.0
85	74.3	36.4	96.4

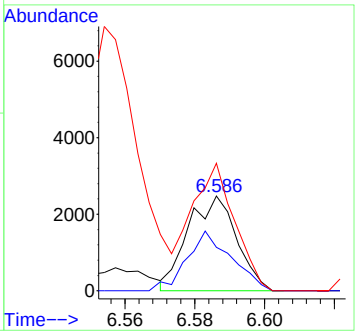


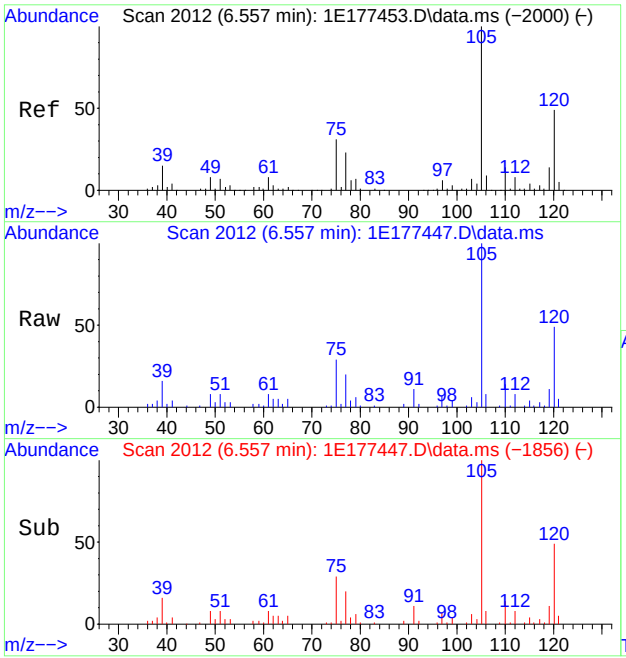


#99
trans-1,4-dichloro-2-butene
Concen: 3.46 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 53 Resp: 2400

Ion	Ratio	Lower	Upper
53	100		
88	45.9	22.7	82.7
75	134.6	94.8	154.8

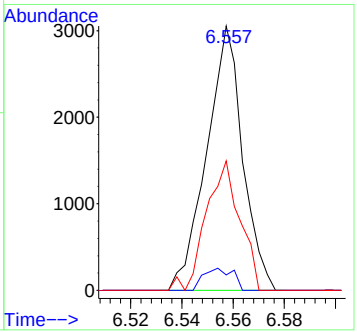


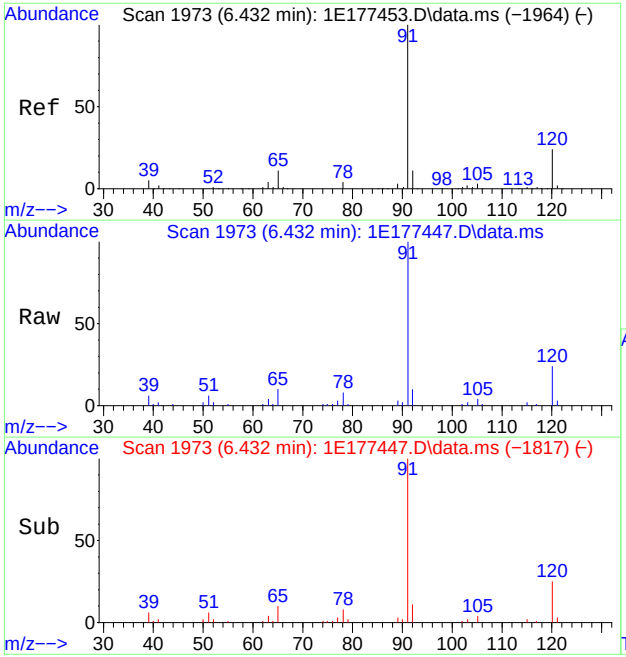


#100
1,2,3-trichloropropane
Concen: 4.01 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:110 Resp: 2982

Ion	Ratio	Lower	Upper
110	100		
111	5.9	0.0	38.2
97	49.0	14.3	74.3

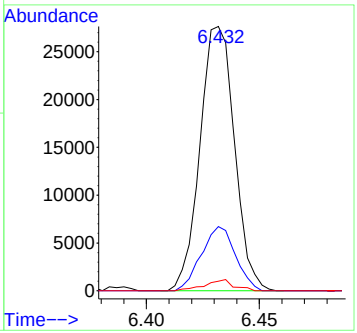


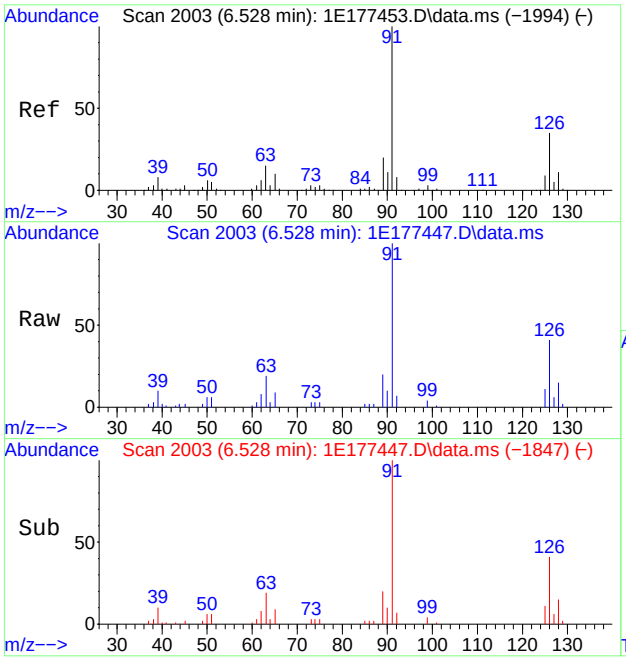


#101
n-propylbenzene
Concen: 4.02 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 91 Resp: 29335

Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	53.6
105	3.6	0.0	33.5

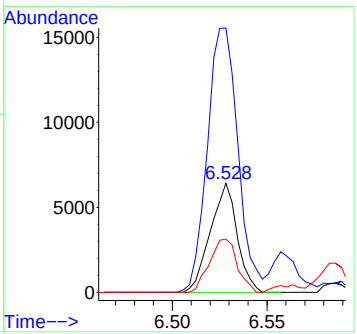


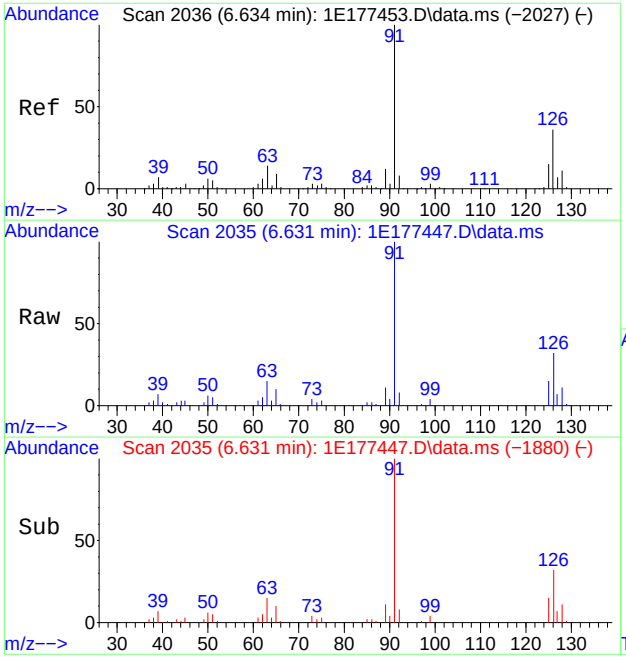


#102
2-chlorotoluene
Concen: 4.01 ug/L m
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:126 Resp: 6309

Ion	Ratio	Lower	Upper
126	100		
91	242.3	257.7	317.7#
89	49.0	26.9	86.9

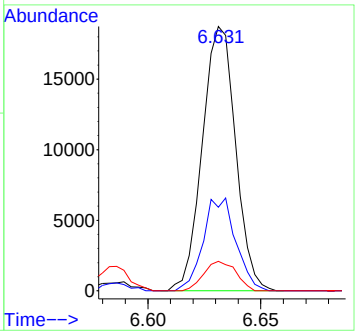


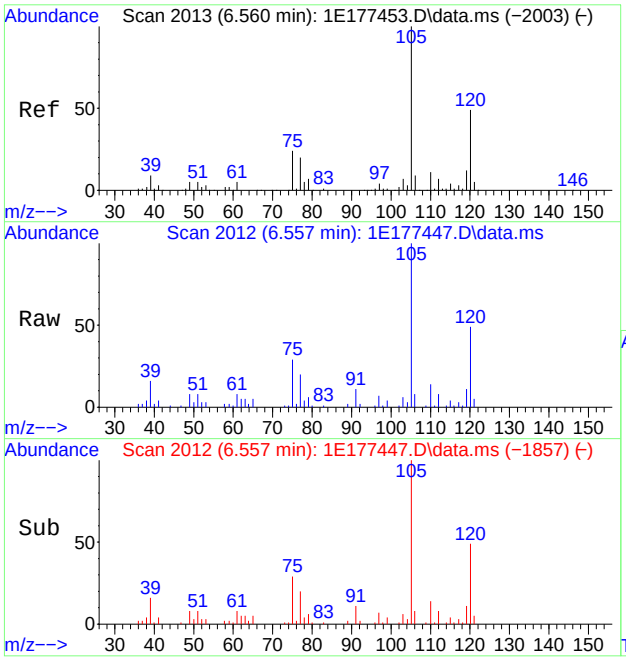


#103
4-chlorotoluene
Concen: 4.04 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion: 91 Resp: 19170

Ion	Ratio	Lower	Upper
91	100		
126	31.6	5.7	65.7
89	11.2	0.0	41.7

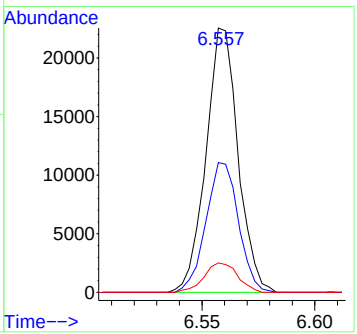


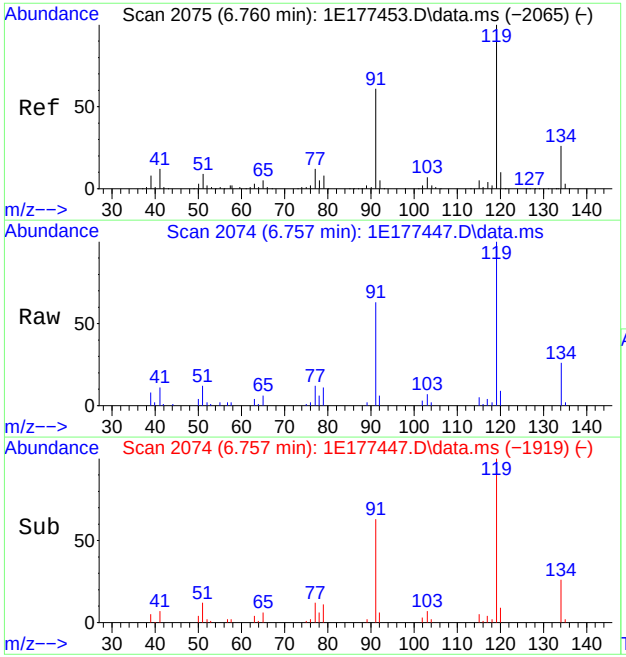


#104
1,3,5-trimethylbenzene
Concen: 4.23 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:105 Resp: 22223

Ion	Ratio	Lower	Upper
105	100		
120	49.1	18.8	78.8
119	11.1	0.0	42.5

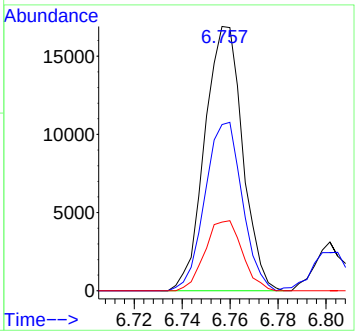


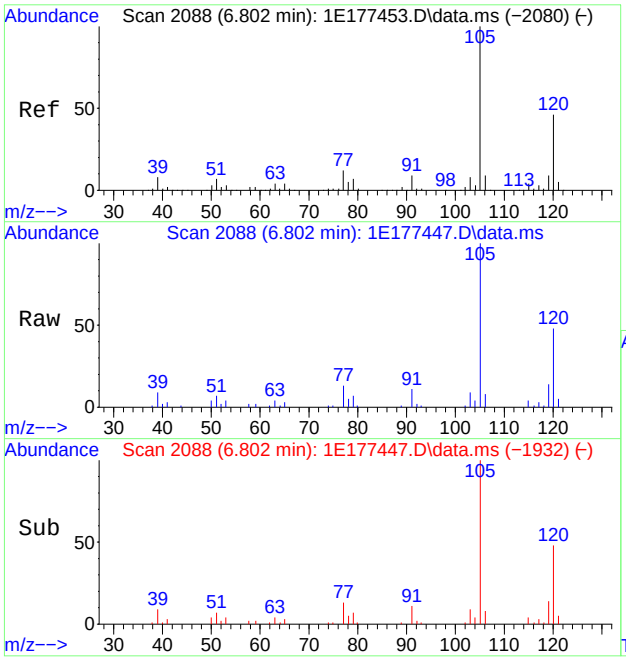


#105
tert-butylbenzene
Concen: 4.07 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:119 Resp: 18481

Ion	Ratio	Lower	Upper
119	100		
91	62.9	30.8	90.8
134	26.0	0.0	55.6

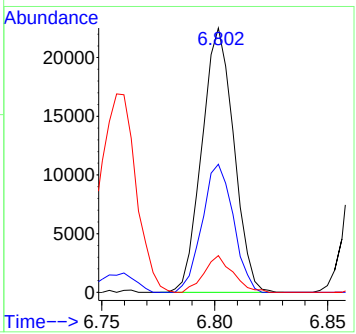


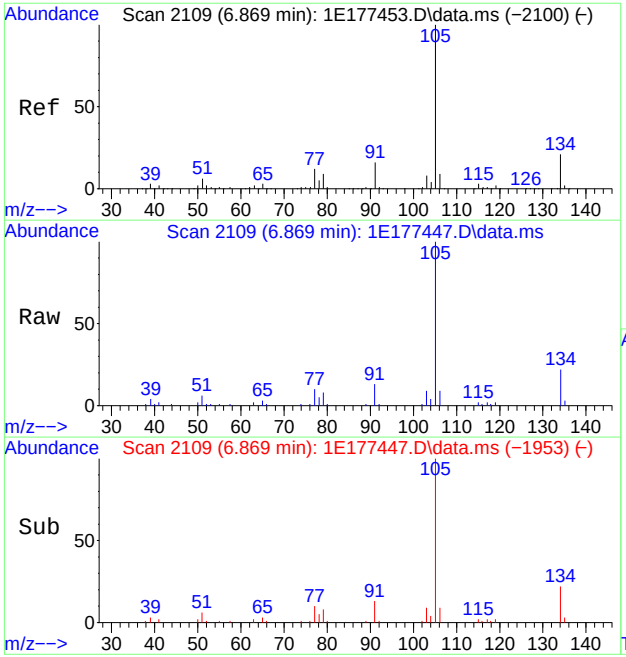


#106
1,2,4-trimethylbenzene
Concen: 4.12 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:105 Resp: 22114

Ion	Ratio	Lower	Upper
105	100		
120	48.5	16.7	76.7
119	13.9	0.0	42.3

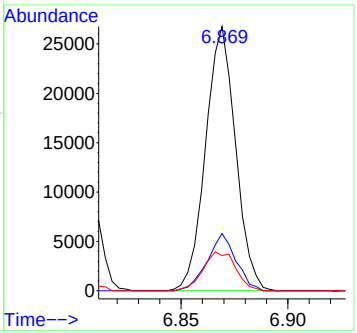


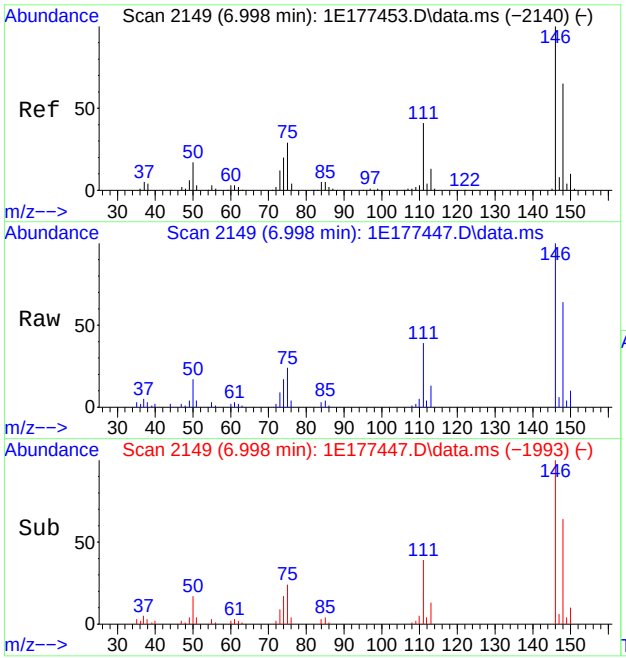


#107
sec-butylbenzene
Concen: 4.10 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:105 Resp: 26199

Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	51.2
91	13.4	0.0	46.0

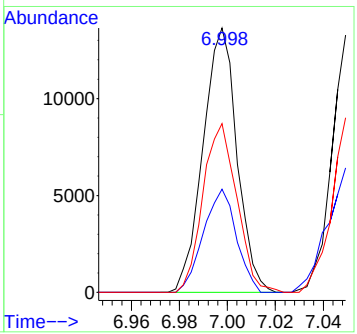


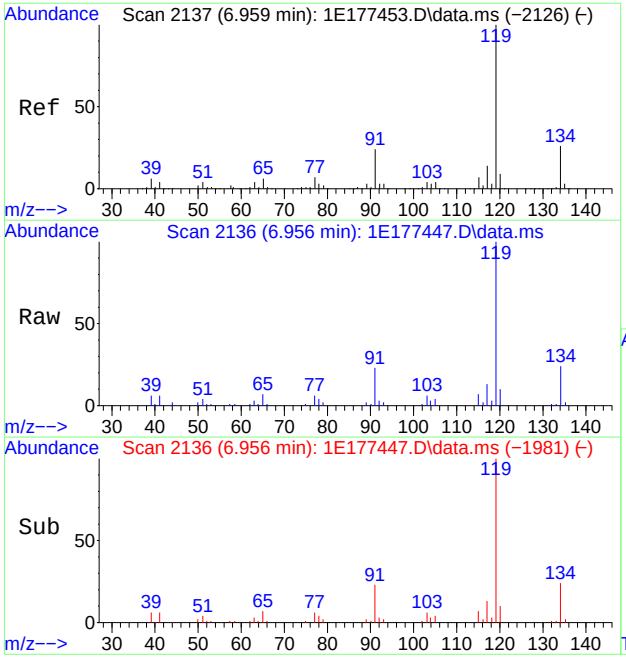


#108
1,3-dichlorobenzene
Concen: 4.30 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:146 Resp: 13399

Ion	Ratio	Lower	Upper
146	100		
111	39.0	11.3	71.3
148	63.8	34.9	94.9

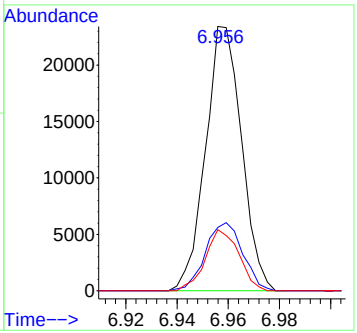


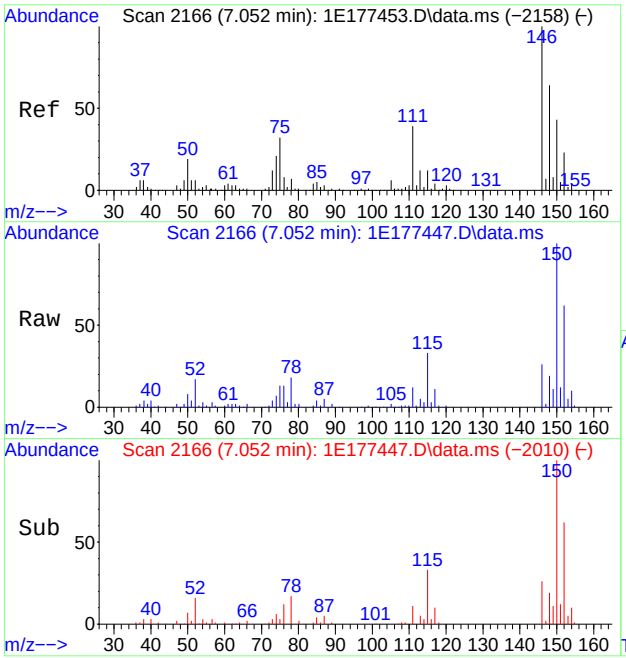


#109
p-isopropyltoluene
Concen: 4.34 ug/L
RT: 6.956 min Scan# 2136
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:119 Resp: 22914

Ion	Ratio	Lower	Upper
119	100		
134	24.0	0.0	56.2
91	23.1	0.0	53.6

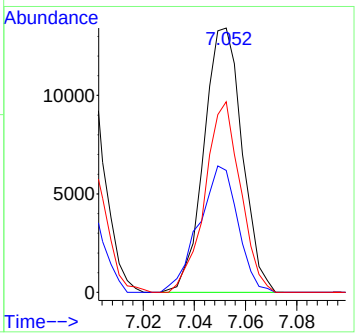


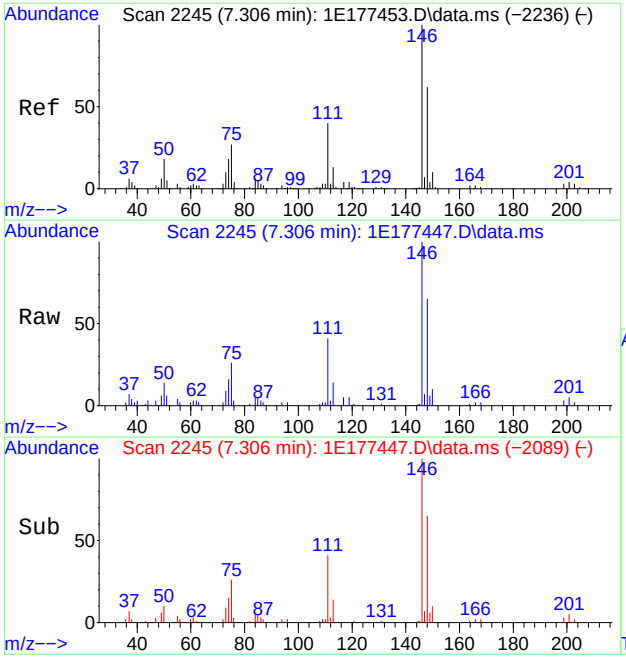


#110
1,4-dichlorobenzene
Concen: 3.99 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:146 Resp: 13944

Ion	Ratio	Lower	Upper
146	100		
111	46.1	9.4	69.4
148	72.1	34.4	94.4

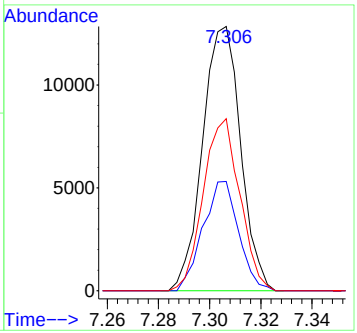


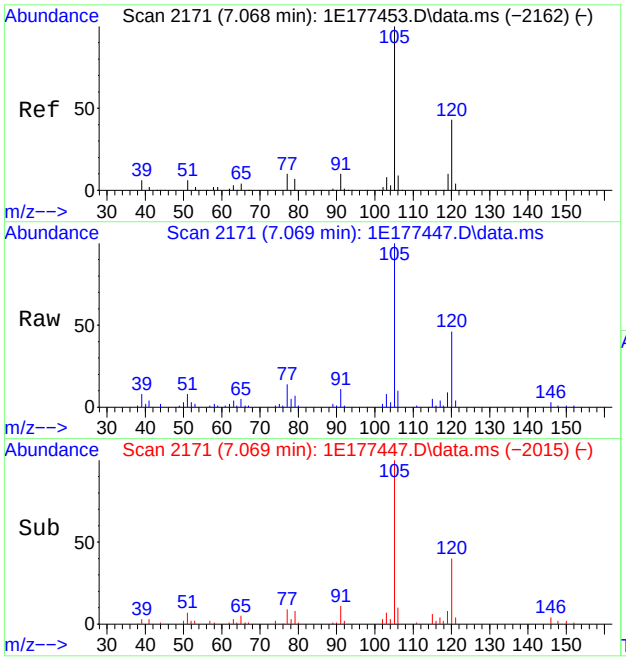


#111
1,2-dichlorobenzene
Concen: 4.15 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:146 Resp: 13281

Ion	Ratio	Lower	Upper
146	100		
111	41.3	10.1	70.1
148	65.0	31.9	91.9

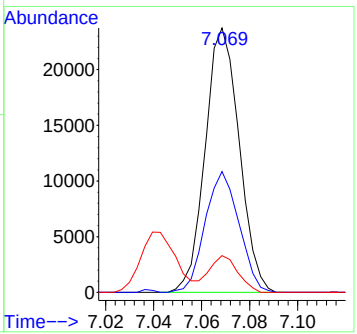


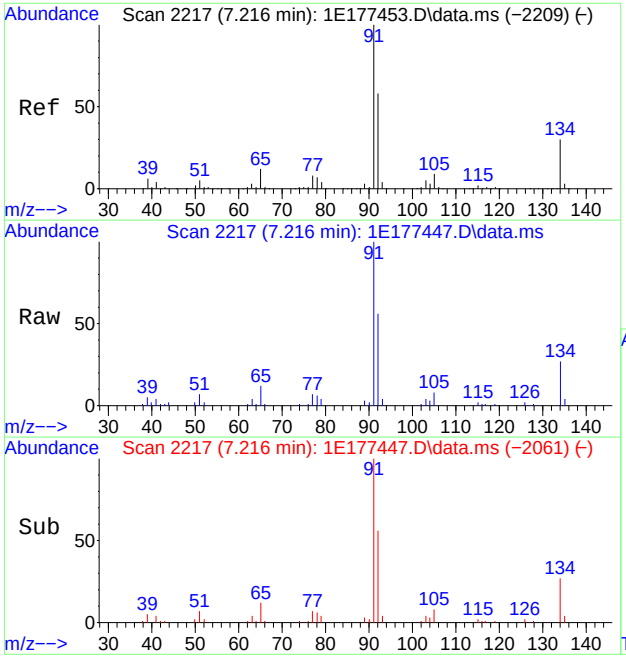


#112
1,2,3-trimethylbenzene
Concen: 4.16 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:105 Resp: 23323

Ion	Ratio	Lower	Upper
105	100		
120	45.7	13.3	73.3
77	13.9	0.0	41.9

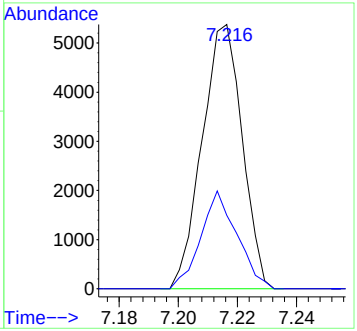


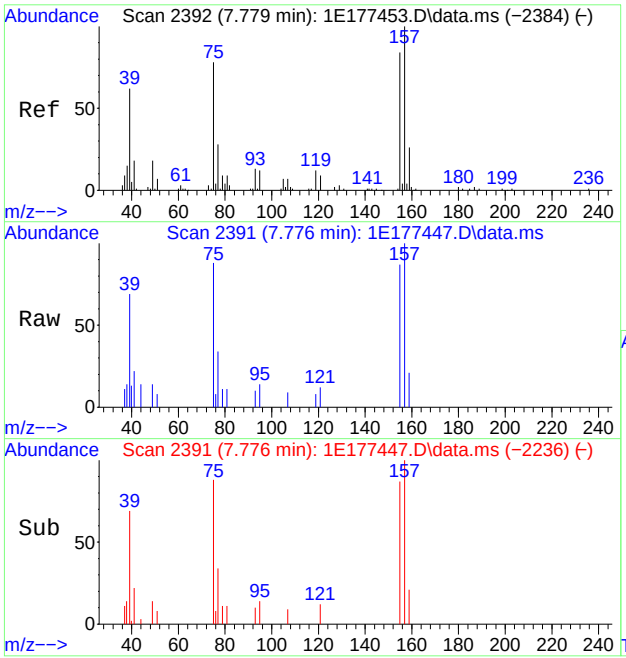


#113
n-butylbenzene
Concen: 3.95 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:134 Resp: 5060

Ion	Ratio	Lower	Upper
134	100		
105	27.8	0.7	60.7

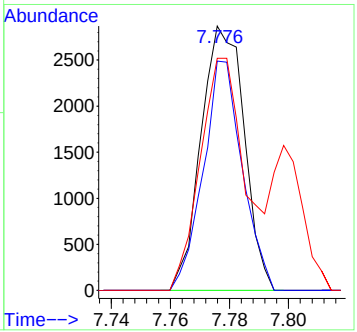


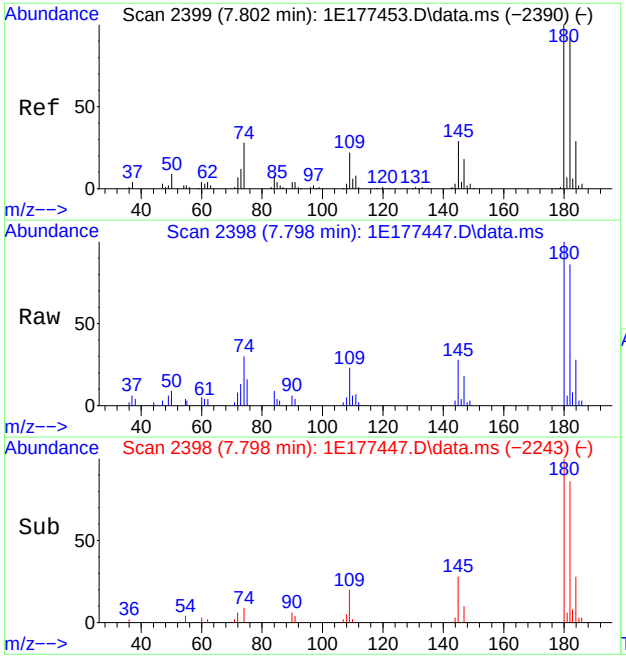


#114
1,2-dibromo-3-chloropropane
Concen: 4.21 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:157 Resp: 2906

Ion	Ratio	Lower	Upper
157	100		
155	86.7	54.1	114.1
75	87.7	48.2	108.2

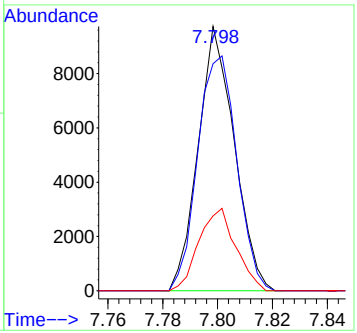


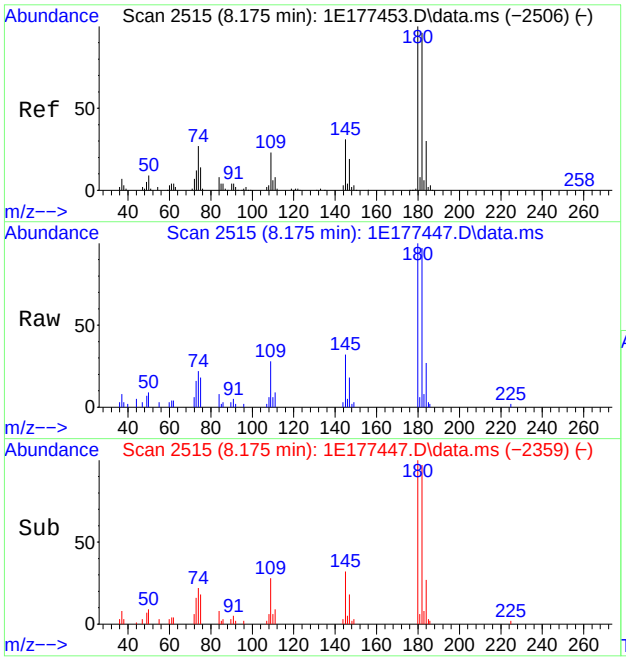


#115
1,3,5-trichlorobenzene
Concen: 4.14 ug/L
RT: 7.798 min Scan# 2398
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:180 Resp: 8936

Ion	Ratio	Lower	Upper
180	100		
182	85.9	71.6	111.6
184	28.3	9.2	49.2

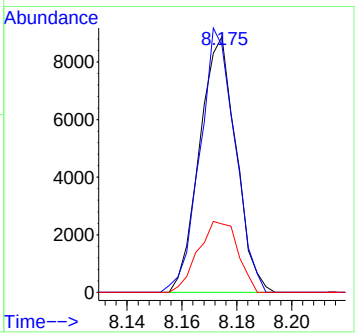


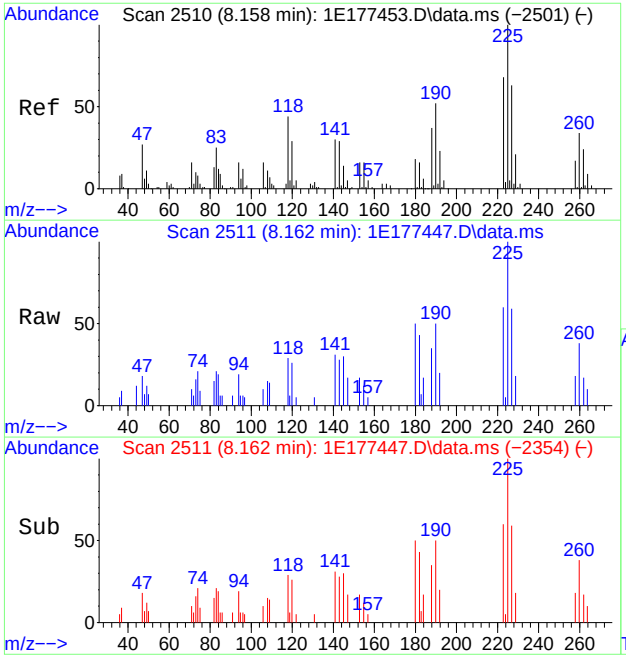


#116
1,2,4-trichlorobenzene
Concen: 3.98 ug/L
RT: 8.175 min Scan# 2515
Delta R.T. 0.000 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:180 Resp: 8208

Ion	Ratio	Lower	Upper
180	100		
182	96.5	65.8	125.8
184	26.8	0.0	59.9

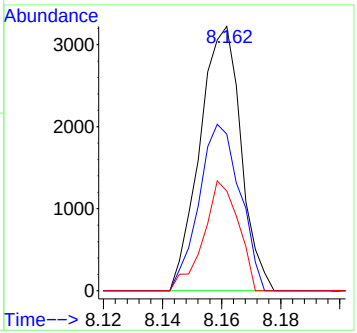


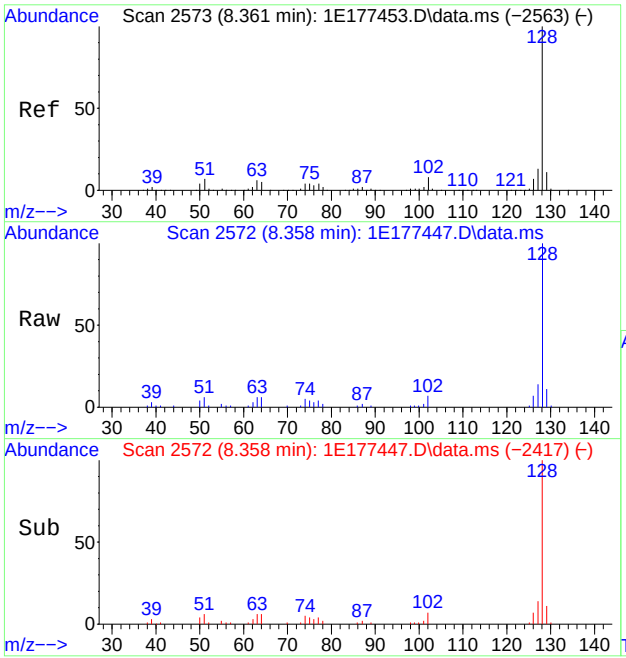


#117
hexachlorobutadiene
Concen: 4.46 ug/L
RT: 8.162 min Scan# 2511
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:225 Resp: 3117

Ion	Ratio	Lower	Upper
225	100		
227	59.2	32.9	92.9
260	37.7	3.9	63.9

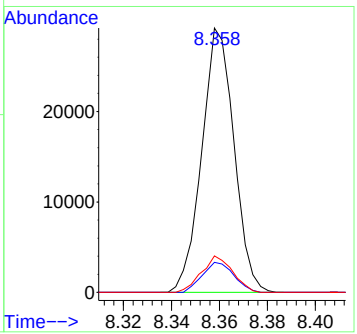


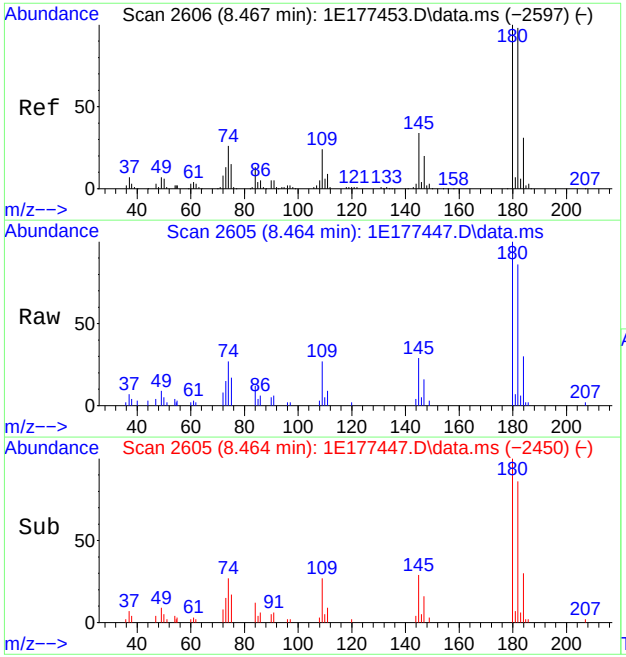


#118
naphthalene
Concen: 4.00 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:128 Resp: 27252

Ion	Ratio	Lower	Upper
128	100		
129	11.3	0.0	40.8
127	13.8	0.0	42.7

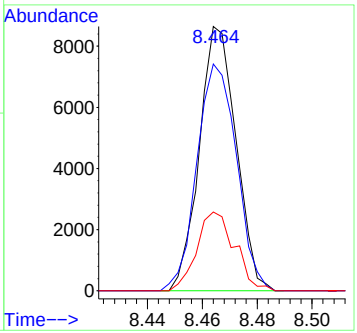


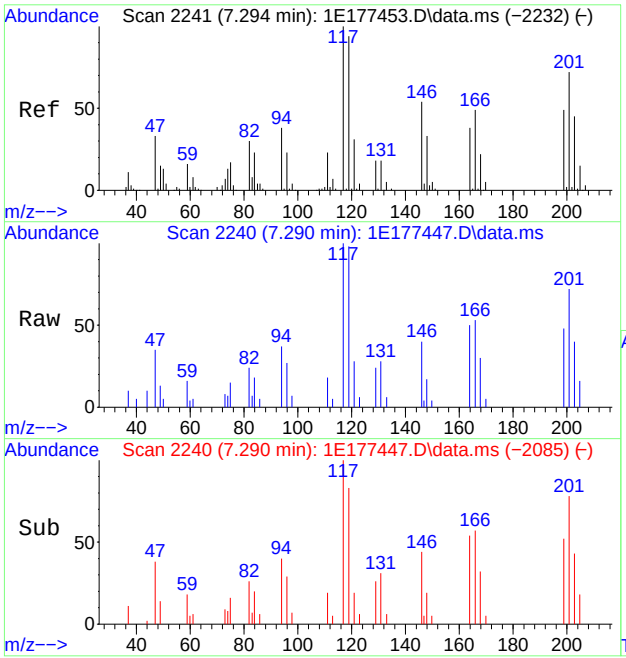


#119
1,2,3-trichlorobenzene
Concen: 4.12 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:180 Resp: 8052

Ion	Ratio	Lower	Upper
180	100		
182	85.8	67.6	127.6
184	29.8	1.0	61.0

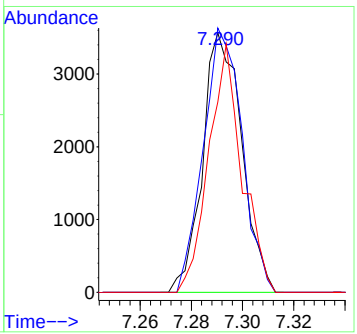


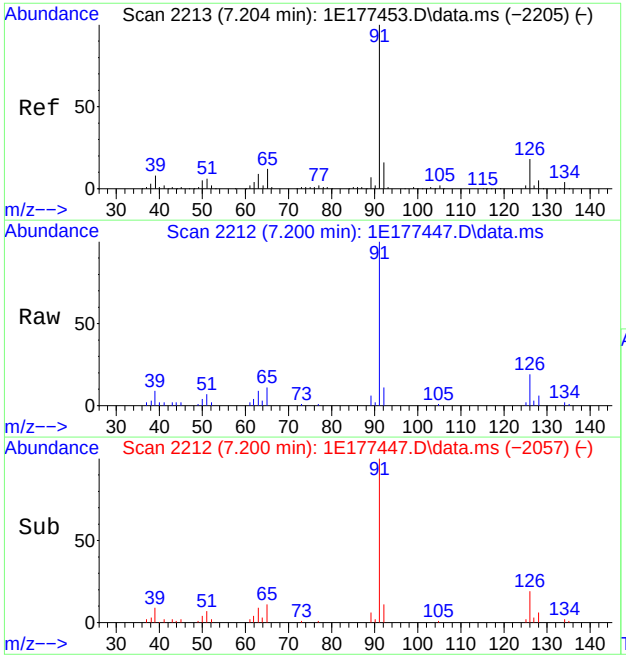


#120
hexachloroethane
Concen: 3.85 ug/L
RT: 7.290 min Scan# 2240
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:119 Resp: 3781

Ion	Ratio	Lower	Upper
119	100		
117	101.9	75.9	135.9
201	73.3	46.7	106.7

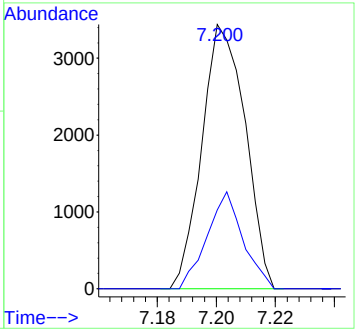


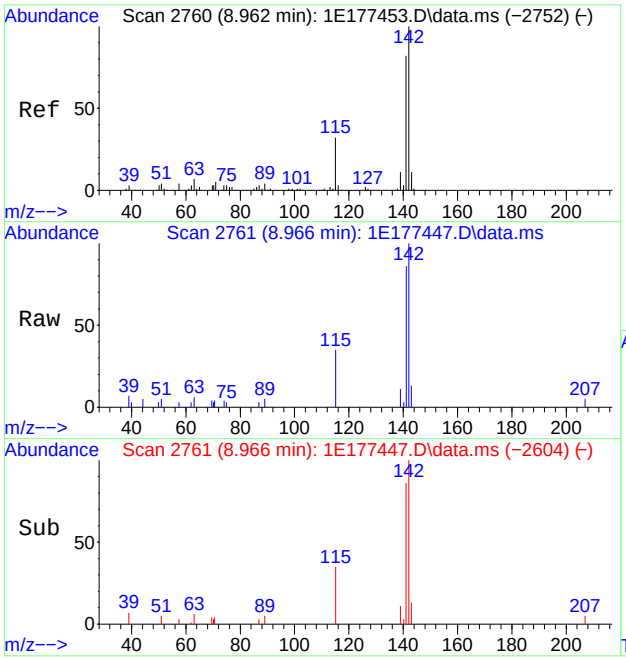


#121
benzyl chloride
Concen: 4.22 ug/L
RT: 7.200 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:126 Resp: 3492

Ion	Ratio	Lower	Upper
126	100		
128	29.8	0.9	60.9

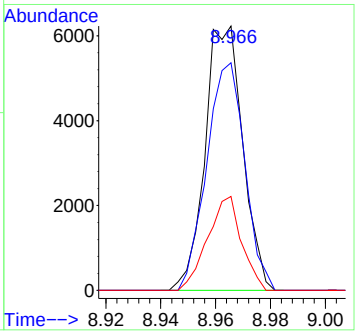




#122
2-methylnaphthalene
Concen: 2.00 ug/L
RT: 8.966 min Scan# 2761
Delta R.T. 0.003 min
Lab File: 1E177447.D
Acq: 26 Oct 2023 06:09 pm

Tgt Ion:142 Resp: 5954

Ion	Ratio	Lower	Upper
142	100		
141	86.1	52.4	112.4
115	35.5	2.0	62.0



Manual Integration Approval Summary

Sample Number:	V1E8736-IC8736	**Method:**	SW846 8260D
Lab FileID:	1E177447.D	**Analyst approved:**	10/30/23 11:16 MoHui Huang
Injection Time:	10/26/23 18:09	**Supervisor approved:**	10/30/23 21:10 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
o-Chlorotoluene	95-49-8		6.53	Missed peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177449.D
Acq On : 26 Oct 2023 06:36 pm
Operator : louied
Sample : ic8736-8
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 17:35:38 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.075	65	81739	500.00	ug/L		0.00
5) pentafluorobenzene	3.094	168	110950	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.422	114	232505	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	209880	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	115364	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	73068	48.31	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 96.62%				
51) 1,2-dichloroethane-d4 (s)	3.146	65	78646	50.21	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.42%				
73) toluene-d8 (s)	4.361	98	262122	50.07	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%				
96) 4-bromofluorobenzene (s)	6.342	95	100101	49.25	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.50%				
Target Compounds							Qvalue
2) ethanol	1.654	45	9923	716.76	ug/L		95
3) tertiary butyl alcohol	2.114	59	10362	41.46	ug/L		87
4) 1,4-dioxane	3.914	88	2007	170.77	ug/L		96
6) chlorodifluoromethane	1.085	51	12113	7.92	ug/L		93
7) dichlorodifluoromethane	1.049	85	13863	7.17	ug/L		100
8) chloromethane	1.171	50	8361	7.74	ug/L		94
9) vinyl chloride	1.191	62	10632	8.33	ug/L		97
10) 1,3-butadiene	1.197	39	8904	7.23	ug/L		92
11) bromomethane	1.348	96	1979	7.11	ug/L	#	88
12) chloroethane	1.409	64	6978	8.33	ug/L		95
13) trichlorofluoromethane	1.474	101	16970	8.05	ug/L		97
14) ethyl ether	1.602	74	5996	8.40	ug/L		86
15) acrolein	1.850	56	2677	8.74	ug/L		81
16) freon 113	1.718	151	7809	8.41	ug/L	#	85
17) 1,1-dichloroethene	1.705	61	13261	7.74	ug/L		98
18) acetone	1.979	58	11790	34.03	ug/L		97
19) acetonitrile	2.204	41	17485	92.14	ug/L		98
21) carbon disulfide	1.731	76	24528	7.76	ug/L		99
22) methylene chloride	1.969	84	9983	7.58	ug/L		89
23) methyl acetate	2.030	74	2710	8.26	ug/L		93
24) methyl tert butyl ether	2.085	73	32728	8.04	ug/L		99
25) trans-1,2-dichloroethene	2.040	61	14291	8.65	ug/L		98
26) hexane	2.075	57	21607	7.42	ug/L		98
27) di-isopropyl ether	2.258	45	32566	8.00	ug/L		98
28) ethyl tert-butyl ether	2.438	59	34835	8.02	ug/L		100
29) 2-butanone	2.901	72	12667	35.42	ug/L	#	79
30) 1,1-dichloroethane	2.335	63	18625	7.91	ug/L		97
31) chloroprene	2.323	53	15266	7.39	ug/L		98
32) acrylonitrile	2.352	52	5186	9.28	ug/L		95
33) vinyl acetate	2.442	86	2369	8.53	ug/L	#	77
34) ethyl acetate	2.789	70	1703	8.28	ug/L		95
35) 2,2-dichloropropane	2.663	77	15569	7.76	ug/L		99
36) cis-1,2-dichloroethene	2.606	96	11931	8.15	ug/L		92
37) propionitrile	3.072	54	26737	84.89	ug/L		97
38) methyl acrylate	2.798	85	2892	9.35	ug/L	#	87
39) bromochloromethane	2.712	128	6439	8.45	ug/L		93
40) tetrahydrofuran	2.834	71	2470	9.07	ug/L	#	73
41) chloroform	2.741	47	5427	7.18	ug/L		93
43) methacrylonitrile	3.088	67	6582	7.70	ug/L		94
44) 1,1,1-trichloroethane	2.866	97	18086	7.95	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177449.D
Acq On : 26 Oct 2023 06:36 pm
Operator : louied
Sample : ic8736-8
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 17:35:38 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.721	84	15543	8.11	ug/L		94
46) 1,1-dichloropropene	2.930	75	14263	7.99	ug/L		97
47) carbon tetrachloride	2.831	117	16370	7.51	ug/L		95
48) isobutyl alcohol	3.155	43	7831	86.14	ug/L		96
49) tert-amyl alcohol	3.226	55	4039	42.24	ug/L	#	71
52) iso-octane	2.988	57	33210	7.96	ug/L		97
53) benzene	3.072	78	42349	8.21	ug/L		97
54) tert-amyl methyl ether	3.126	73	34880	8.23	ug/L		99
55) heptane	3.040	57	6218	7.99	ug/L		96
56) isopropyl acetate	3.310	87	3831	8.56	ug/L		99
57) 1,2-dichloroethane	3.184	62	16513	7.66	ug/L		94
58) n-butyl alcohol	3.583	56	21025	384.42	ug/L		92
59) ethyl acrylate	3.737	55	19864	8.25	ug/L		99
60) trichloroethene	3.416	130	13038	8.44	ug/L		93
61) 2-nitropropane	4.557	41	6031	7.46	ug/L	#	66
62) 2-chloroethyl vinyl ether	4.171	63	36556	44.21	ug/L		93
63) methyl methacrylate	3.879	100	4503	8.51	ug/L	#	81
64) 1,2-dichloropropane	3.750	63	11485	8.60	ug/L		95
65) methylcyclohexane	3.419	98	8779	7.88	ug/L	#	80
66) dibromomethane	3.683	93	7973	7.80	ug/L		97
67) bromodichloromethane	3.782	83	16159	8.24	ug/L		91
68) epichlorohydrin	4.396	57	10338	42.23	ug/L		94
69) cis-1,3-dichloropropene	4.220	75	18663	8.09	ug/L		98
70) 4-methyl-2-pentanone	4.679	58	26613	33.55	ug/L		98
71) 3-methyl-1-butanol	4.512	70	9822	164.54	ug/L		93
74) toluene	4.403	92	28341	8.41	ug/L		92
75) ethyl methacrylate	4.837	69	16047	8.01	ug/L		93
76) trans-1,3-dichloropropene	4.708	75	18108	8.26	ug/L		97
77) 1,1,2-trichloroethane	4.834	83	9372	7.73	ug/L		96
78) tetrachloroethene	4.696	166	12615	7.75	ug/L		92
79) 2-hexanone	5.316	58	32564	33.28	ug/L		99
80) 1,3-dichloropropane	5.049	76	18904	8.23	ug/L		94
81) butyl acetate	5.252	56	9178	7.83	ug/L		87
82) dibromochloromethane	4.972	129	13150	7.37	ug/L		91
83) 1,2-dibromoethane	5.152	107	12788	8.44	ug/L		98
84) n-butyl ether	5.477	57	45787	8.32	ug/L		98
85) chlorobenzene	5.531	112	32493	8.18	ug/L		99
86) 1,1,1,2-tetrachloroethane	5.580	131	12190	7.99	ug/L		98
87) ethylbenzene	5.557	91	53551	8.26	ug/L		99
88) m,p-xylene	5.660	106	42594	16.71	ug/L		100
89) o-xylene	5.949	106	20544	8.12	ug/L		95
90) styrene	5.988	104	33934	7.99	ug/L		94
91) bromoform	5.998	173	10574	8.39	ug/L		95
92) butyl acrylate	6.078	55	24879	7.95	ug/L		97
93) isopropylbenzene	6.162	105	49572	8.16	ug/L		99
94) cis-1,4-dichloro-2-butene	6.384	88	6478	7.80	ug/L		94
97) bromobenzene	6.406	156	13882	8.19	ug/L		96
98) 1,1,2,2-tetrachloroethane	6.474	83	17013	8.22	ug/L		99
99) trans-1,4-dichloro-2-b...	6.583	53	5166	7.60	ug/L		94
100) 1,2,3-trichloropropane	6.560	110	6202	8.12	ug/L		98
101) n-propylbenzene	6.432	91	60279	8.03	ug/L		99
102) 2-chlorotoluene	6.528	126	12752	7.88	ug/L		99
103) 4-chlorotoluene	6.631	91	38691	7.92	ug/L		98
104) 1,3,5-trimethylbenzene	6.560	105	43193	7.92	ug/L		97
105) tert-butylbenzene	6.757	119	38561	8.24	ug/L		96
106) 1,2,4-trimethylbenzene	6.802	105	47363	8.56	ug/L		96
107) sec-butylbenzene	6.869	105	52710	7.99	ug/L		99
108) 1,3-dichlorobenzene	6.998	146	27510	8.49	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177449.D
Acq On : 26 Oct 2023 06:36 pm
Operator : louied
Sample : ic8736-8
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 17:35:38 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

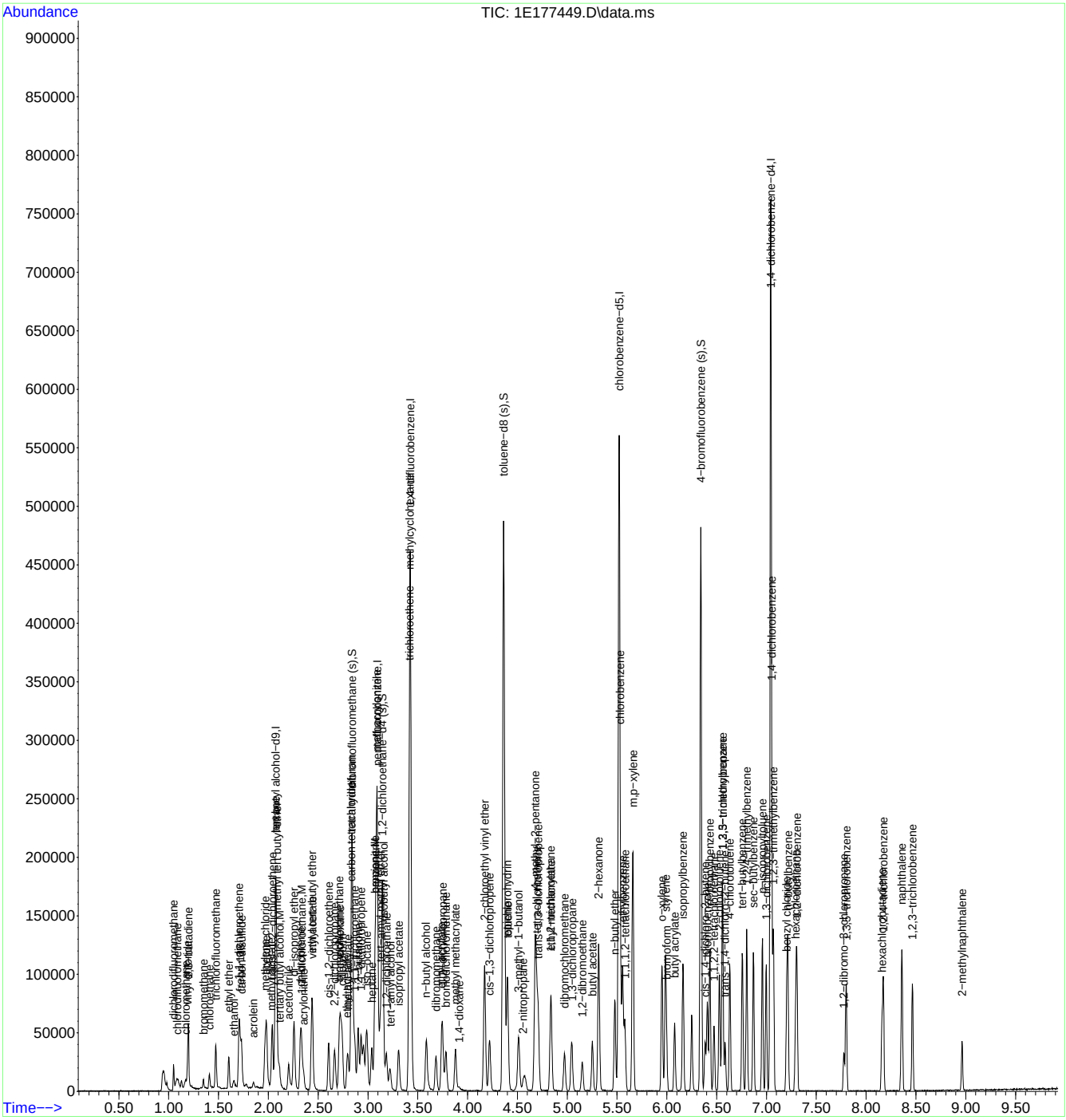
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	46796	8.51	ug/L	99
110) 1,4-dichlorobenzene	7.052	146	27922	7.78	ug/L	96
111) 1,2-dichlorobenzene	7.306	146	27257	8.25	ug/L	97
112) 1,2,3-trimethylbenzene	7.068	105	48337	8.34	ug/L	100
113) n-butylbenzene	7.216	134	11289	8.61	ug/L	100
114) 1,2-dibromo-3-chloropr...	7.776	157	5803	8.08	ug/L	92
115) 1,3,5-trichlorobenzene	7.802	180	18303	8.22	ug/L	93
116) 1,2,4-trichlorobenzene	8.171	180	16939	8.00	ug/L	97
117) hexachlorobutadiene	8.158	225	6166	8.35	ug/L	93
118) naphthalene	8.358	128	55029	7.86	ug/L	98
119) 1,2,3-trichlorobenzene	8.464	180	16541	8.20	ug/L	92
120) hexachloroethane	7.293	119	7852	7.85	ug/L	96
121) benzyl chloride	7.200	126	7047	8.20	ug/L	98
122) 2-methylnaphthalene	8.962	142	12044	3.94	ug/L	90

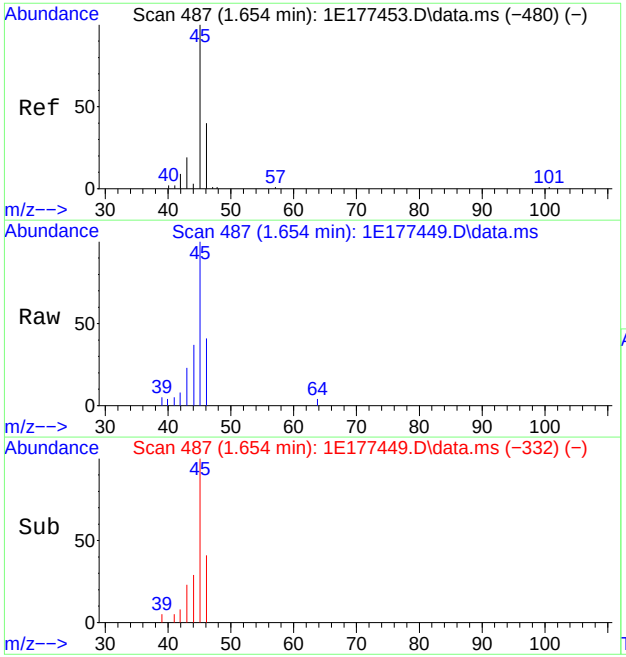
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177449.D
Acq On : 26 Oct 2023 06:36 pm
Operator : louied
Sample : ic8736-8
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 17:35:38 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

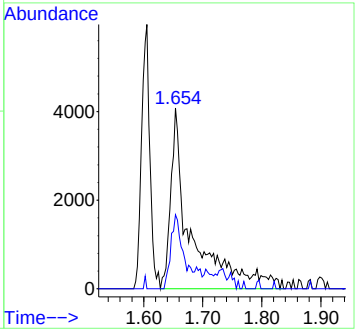


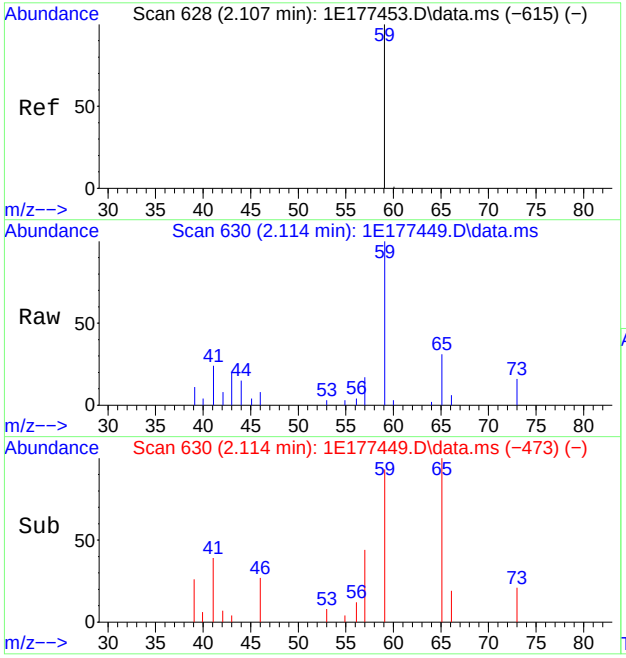


#2
ethanol
Concen: 716.76 ug/L
RT: 1.654 min Scan# 487
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 45 Resp: 9923

Ion	Ratio	Lower	Upper
45	100		
46	40.9	18.1	58.1

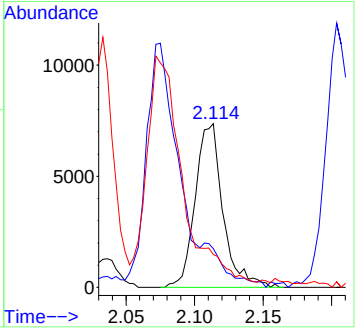


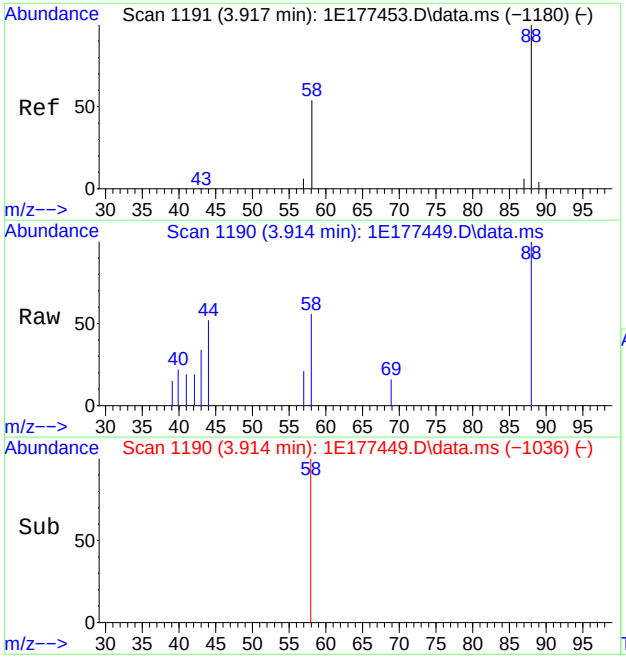


#3
tertiary butyl alcohol
Concen: 41.46 ug/L
RT: 2.114 min Scan# 630
Delta R.T. 0.006 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 59 Resp: 10362

Ion	Ratio	Lower	Upper
59	100		
41	20.7	0.0	30.0
43	16.7	0.0	52.8

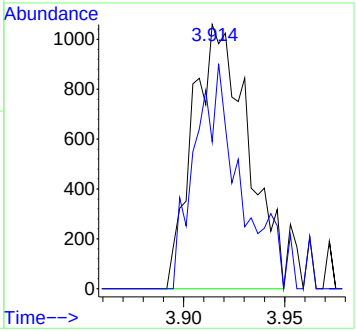


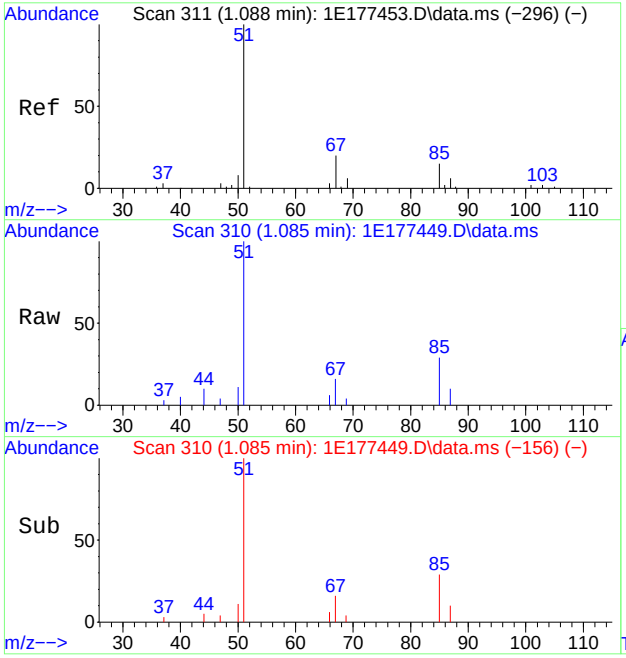


#4
1,4-dioxane
Concen: 170.77 ug/L
RT: 3.914 min Scan# 1190
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 88 Resp: 2007

Ion	Ratio	Lower	Upper
88	100		
58	55.6	38.3	78.3

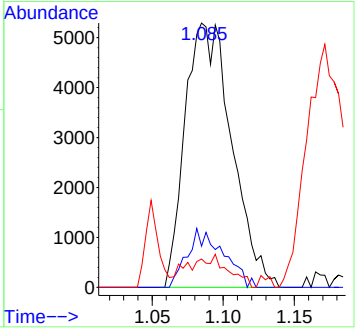


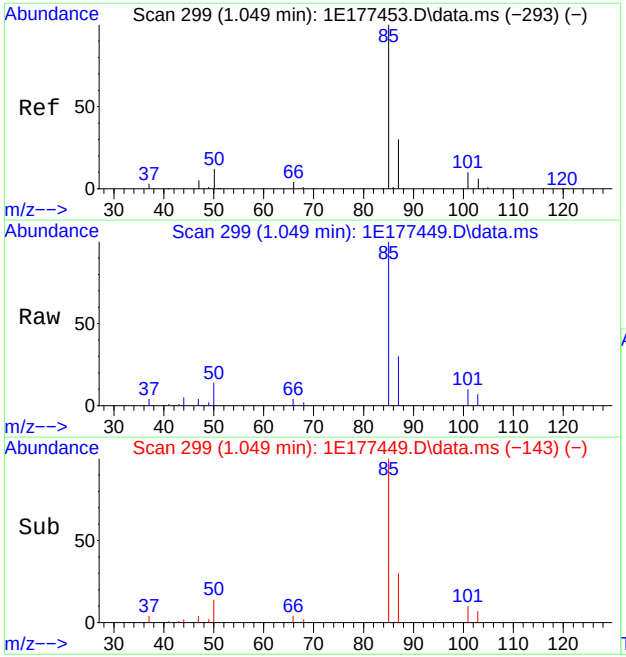


#6
chlorodifluoromethane
Concen: 7.92 ug/L
RT: 1.085 min Scan# 310
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 51 Resp: 12113

Ion	Ratio	Lower	Upper
51	100		
67	15.6	0.0	49.5
50	7.6	0.0	38.4

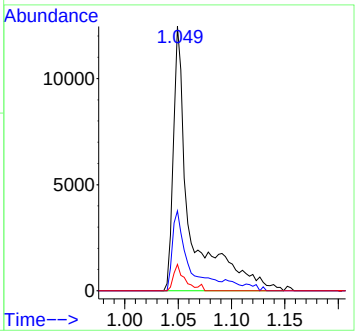


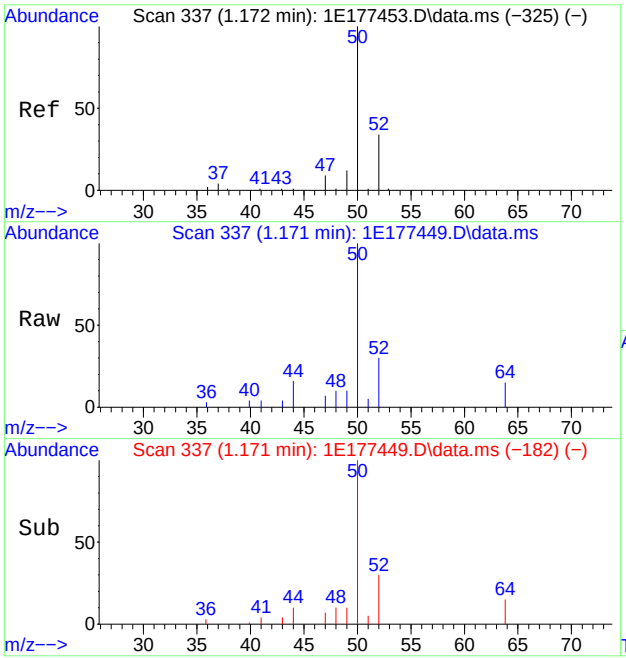


#7
dichlorodifluoromethane
Concen: 7.17 ug/L
RT: 1.049 min Scan# 299
Delta R.T. 0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 85 Resp: 13863

Ion	Ratio	Lower	Upper
85	100		
87	30.3	0.4	60.4
101	10.0	0.0	39.9

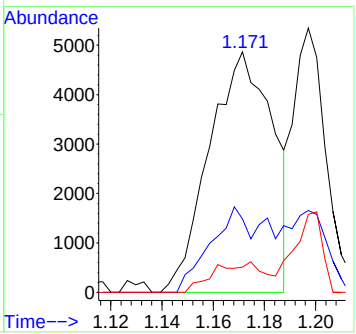


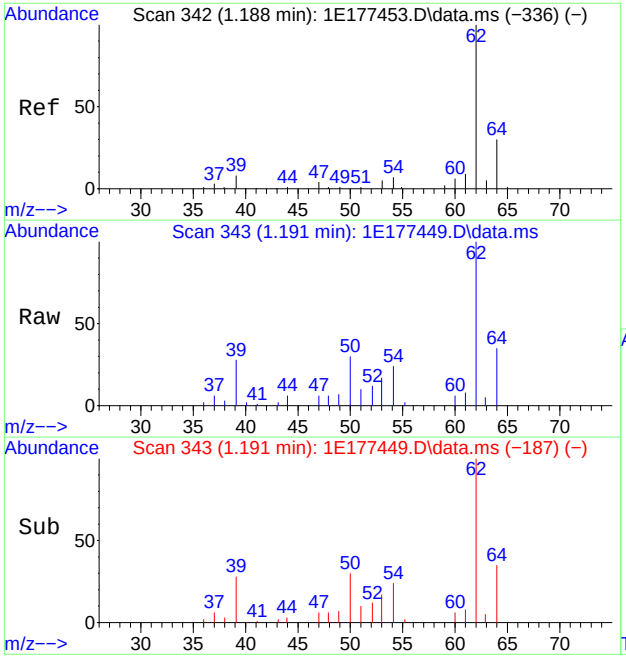


#8
chloromethane
Concen: 7.74 ug/L
RT: 1.171 min Scan# 337
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 50 Resp: 8361

Ion	Ratio	Lower	Upper
50	100		
52	30.5	4.4	64.4
49	10.5	0.0	42.1

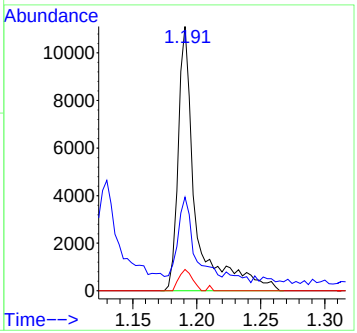


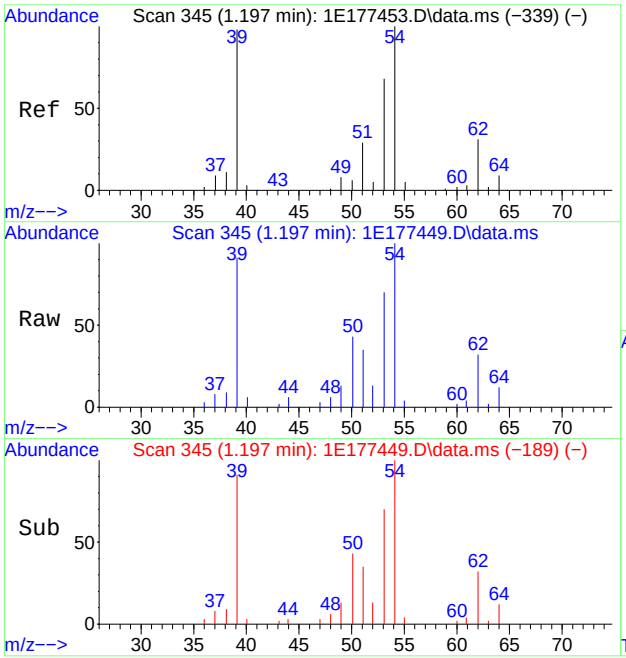


#9
vinyl chloride
Concen: 8.33 ug/L
RT: 1.191 min Scan# 343
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 62 Resp: 10632

Ion	Ratio	Lower	Upper
62	100		
64	32.1	0.7	60.7
61	8.1	0.0	39.5

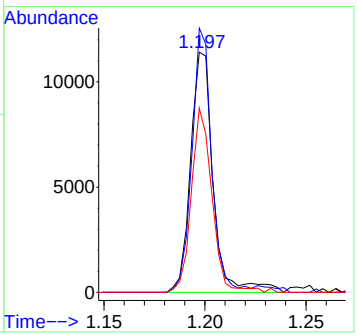


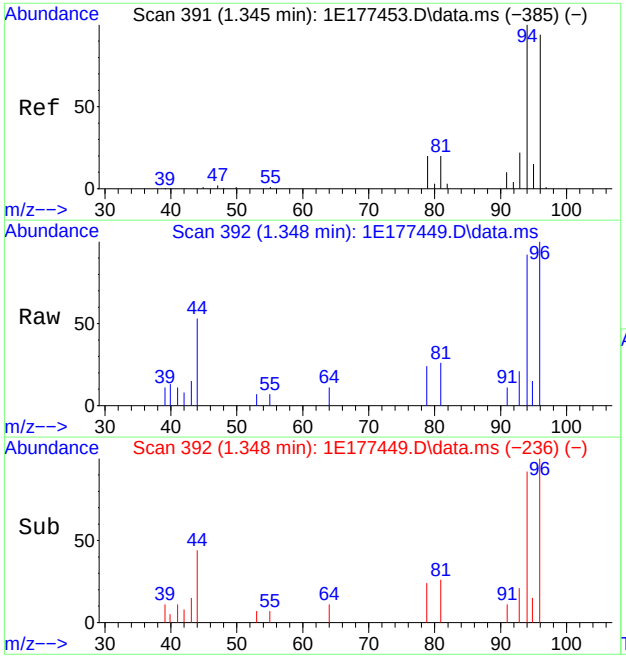


#10
1,3-butadiene
Concen: 7.23 ug/L
RT: 1.197 min Scan# 345
Delta R.T. 0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 39 Resp: 8904

Ion	Ratio	Lower	Upper
39	100		
54	110.1	72.3	132.3
53	76.7	39.8	99.8

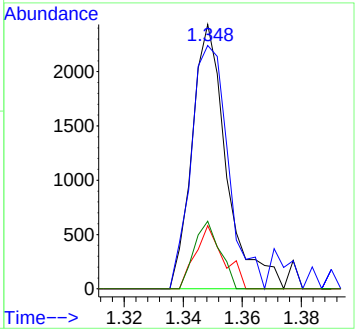


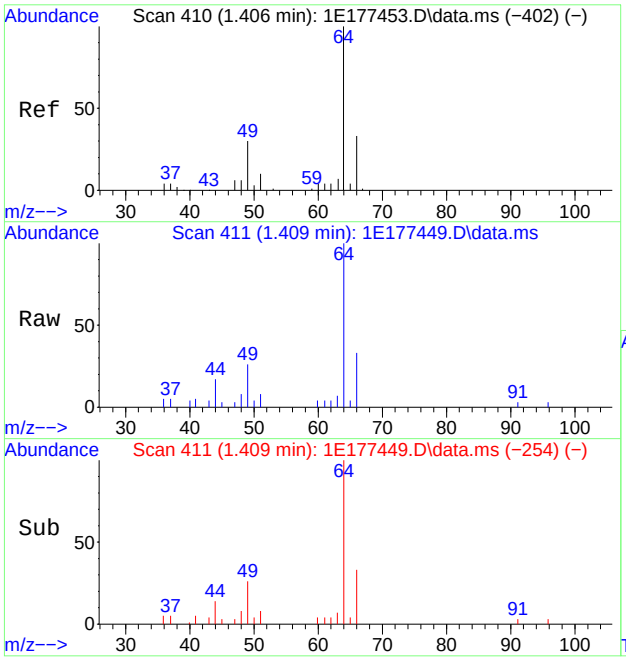


#11
bromomethane
Concen: 7.11 ug/L
RT: 1.348 min Scan# 392
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 96 Resp: 1979

Ion	Ratio	Lower	Upper
96	100		
94	92.0	76.0	136.0
79	23.9	20.8	20.8#
81	25.6	1.2	41.2

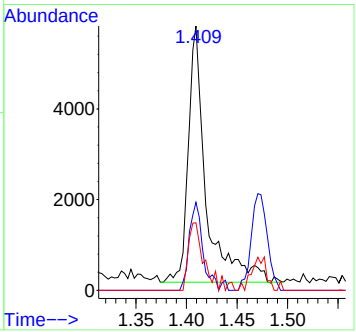


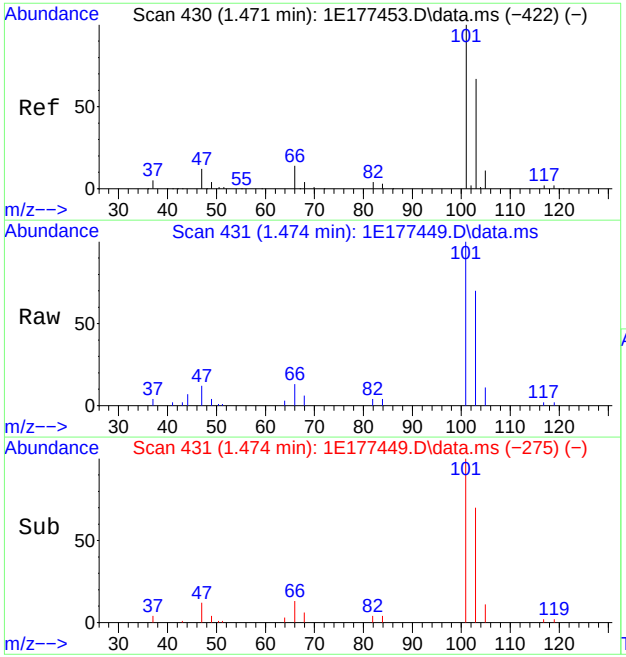


#12
chloroethane
Concen: 8.33 ug/L
RT: 1.409 min Scan# 411
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 64 Resp: 6978

Ion	Ratio	Lower	Upper
64	100		
66	34.4	3.1	63.1
49	26.3	0.1	60.1

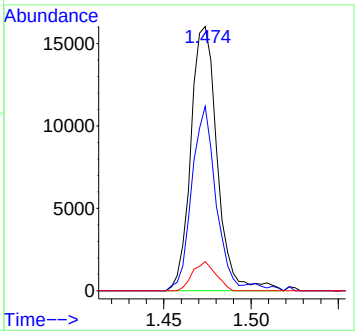


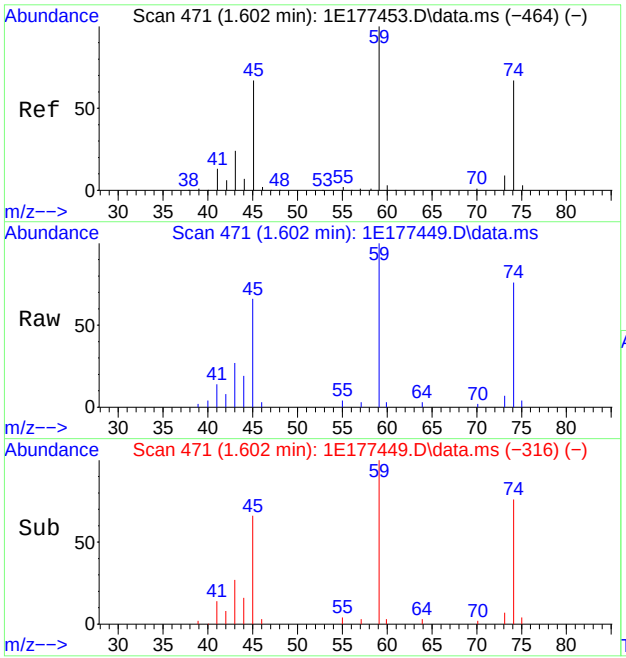


#13
trichlorofluoromethane
Concen: 8.05 ug/L
RT: 1.474 min Scan# 431
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:101 Resp: 16970

Ion	Ratio	Lower	Upper
101	100		
103	69.8	37.1	97.1
105	11.1	0.0	40.8

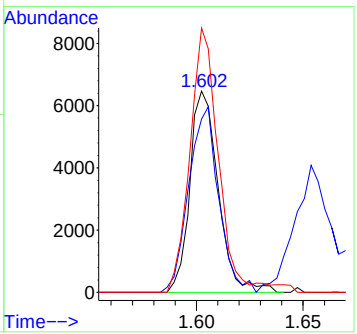


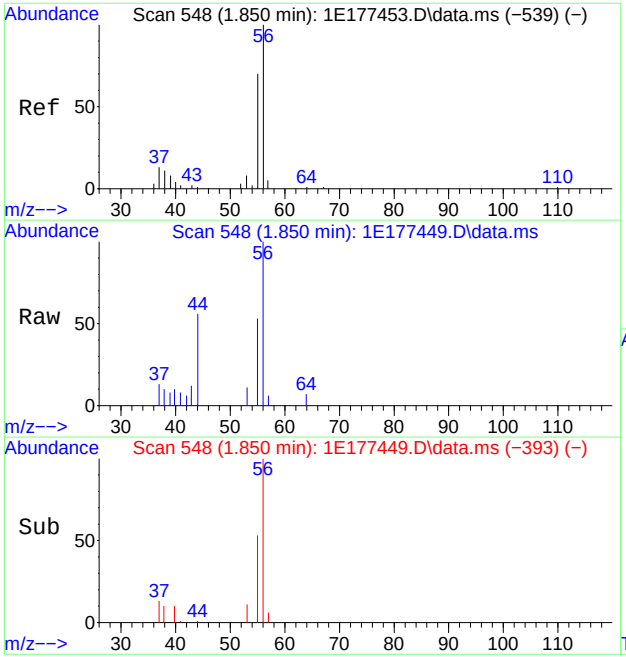


#14
ethyl ether
Concen: 8.40 ug/L
RT: 1.602 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 74 Resp: 5996

Ion	Ratio	Lower	Upper
74	100		
45	86.1	69.1	129.1
59	131.4	118.9	178.9

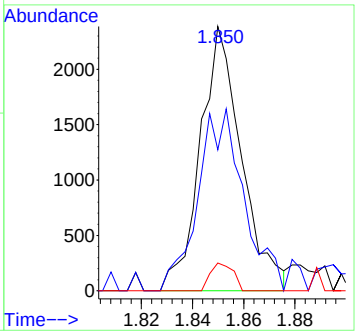


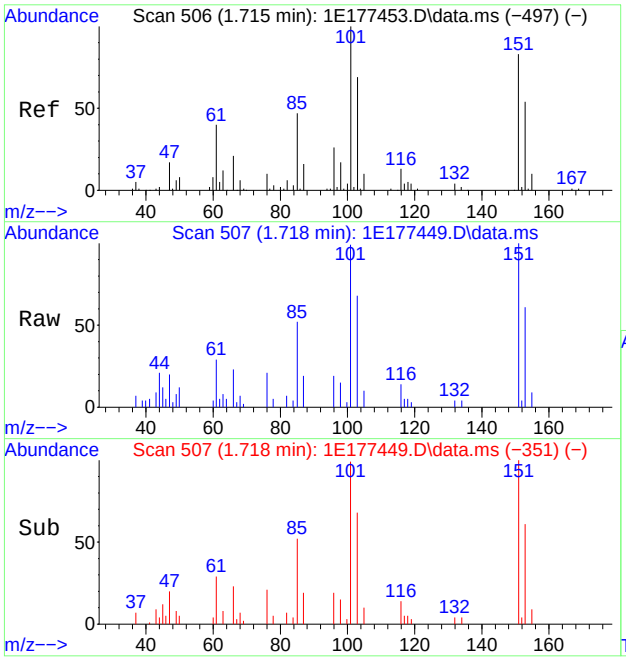


#15
acrolein
Concen: 8.74 ug/L
RT: 1.850 min Scan# 548
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 56 Resp: 2677

Ion	Ratio	Lower	Upper
56	100		
55	53.3	40.4	100.4
53	10.5	0.0	38.2

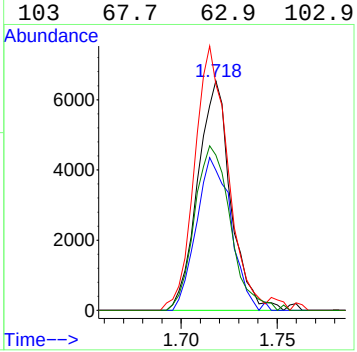


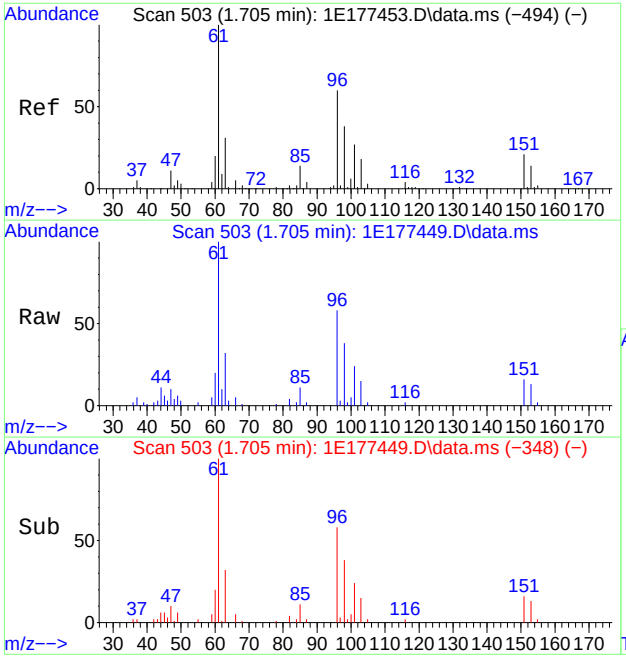


#16
freon 113
Concen: 8.41 ug/L
RT: 1.718 min Scan# 507
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:151 Resp: 7809

Ion	Ratio	Lower	Upper
151	100		
153	61.0	44.6	84.6
101	98.6	100.2	140.2#
103	67.7	62.9	102.9

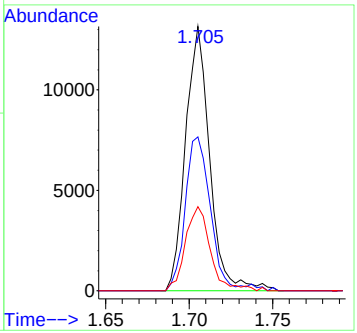


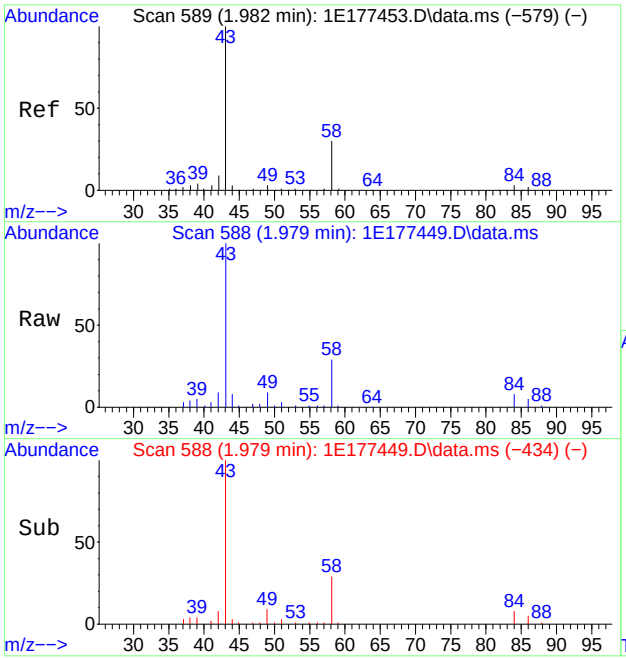


#17
1,1-dichloroethene
Concen: 7.74 ug/L
RT: 1.705 min Scan# 503
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 61 Resp: 13261

Ion	Ratio	Lower	Upper
61	100		
96	58.2	29.6	89.6
63	31.8	1.2	61.2

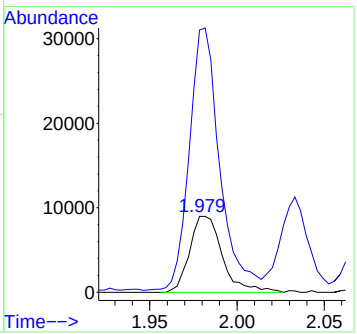


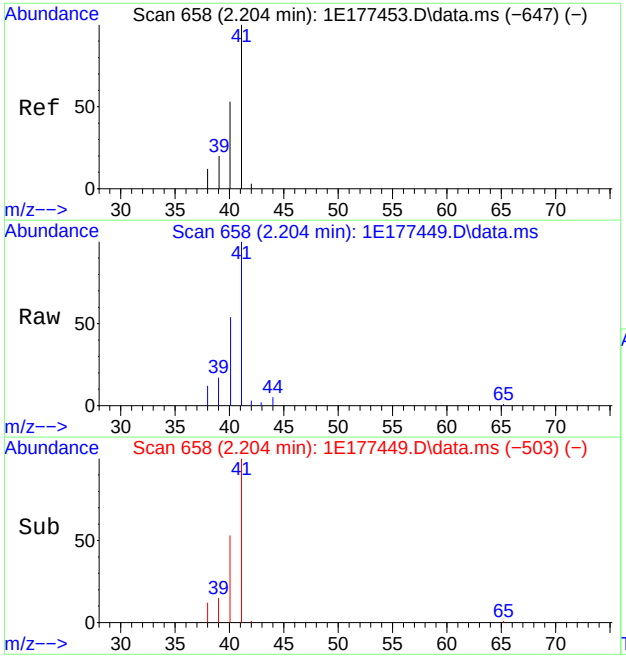


#18
acetone
Concen: 34.03 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 58 Resp: 11790

Ion	Ratio	Lower	Upper
58	100		
43	340.4	304.0	364.0

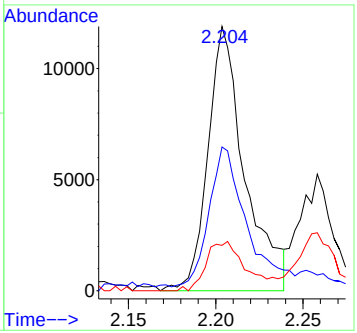


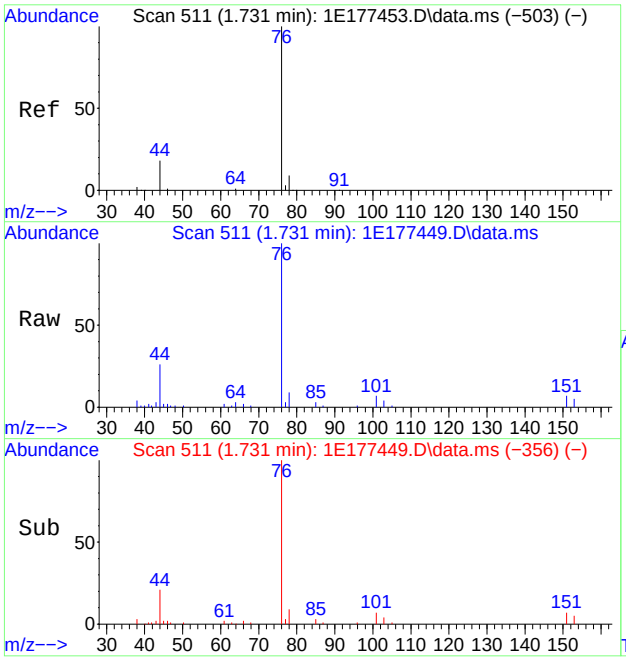


#19
acetonitrile
Concen: 92.14 ug/L
RT: 2.204 min Scan# 658
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 41 Resp: 17485

Ion	Ratio	Lower	Upper
41	100		
40	52.2	22.9	82.9
39	17.2	0.0	49.7

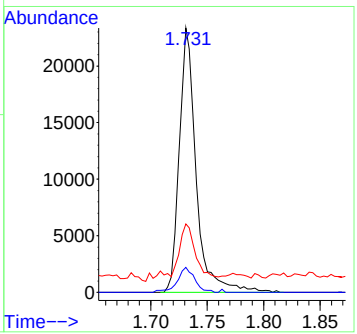


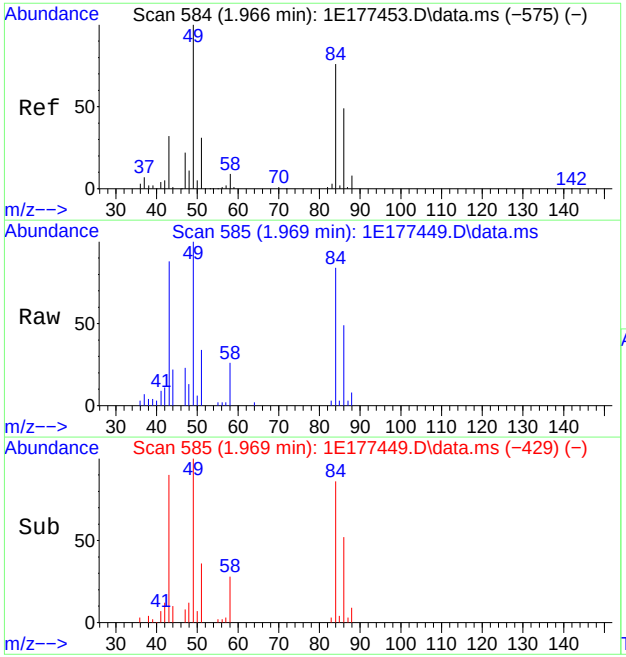


#21
carbon disulfide
Concen: 7.76 ug/L
RT: 1.731 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 76 Resp: 24528

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	39.2
44	18.5	0.0	48.3

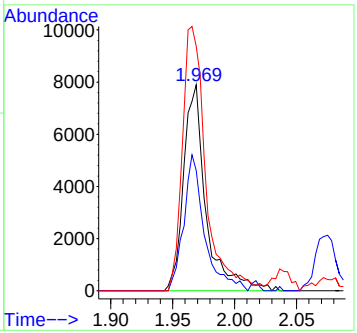


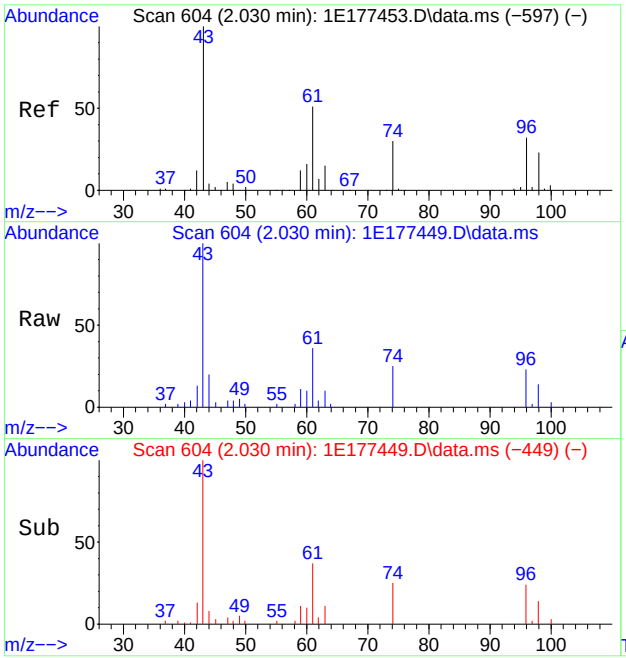


#22
methylene chloride
Concen: 7.58 ug/L
RT: 1.969 min Scan# 585
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 84 Resp: 9983

Ion	Ratio	Lower	Upper
84	100		
86	58.3	34.9	94.9
49	118.6	102.4	162.4

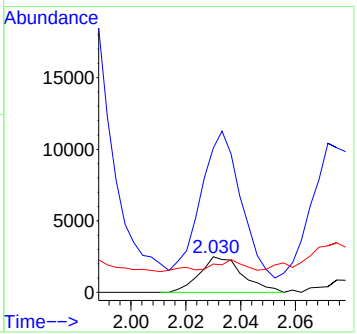


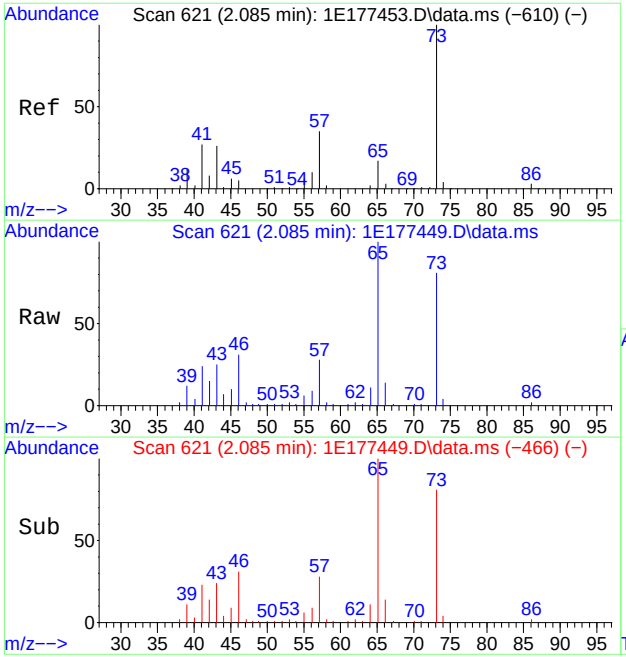


#23
methyl acetate
Concen: 8.26 ug/L
RT: 2.030 min Scan# 604
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 74 Resp: 2710

Ion	Ratio	Lower	Upper
74	100		
43	350.3	307.5	367.5
44	21.1	0.0	43.7

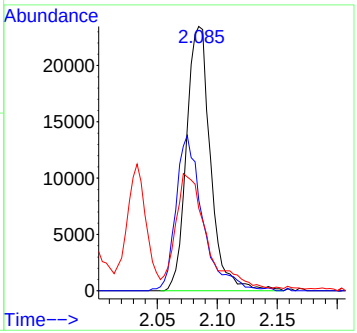


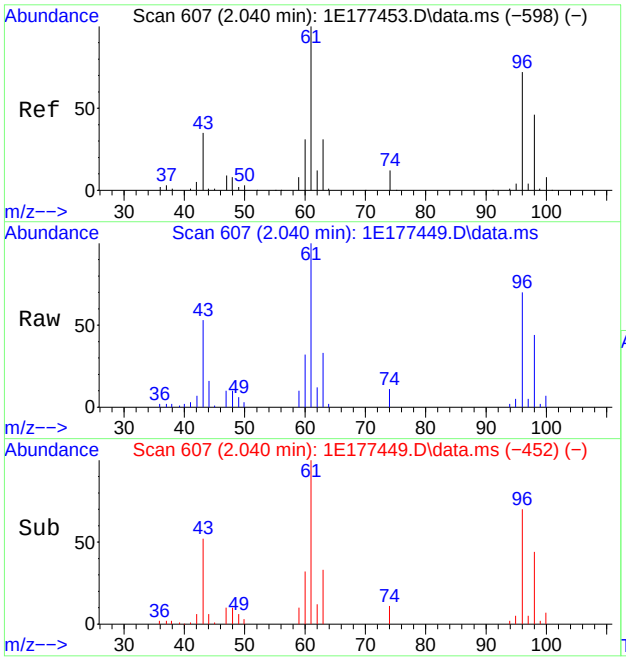


#24
methyl tert butyl ether
Concen: 8.04 ug/L
RT: 2.085 min Scan# 621
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 73 Resp: 32728

Ion	Ratio	Lower	Upper
73	100		
57	34.4	5.0	65.0
43	30.3	0.4	60.4

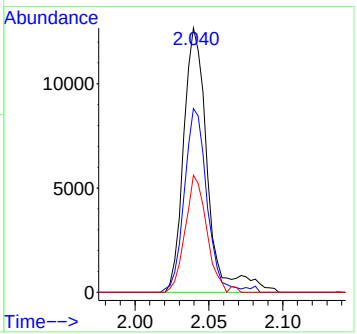


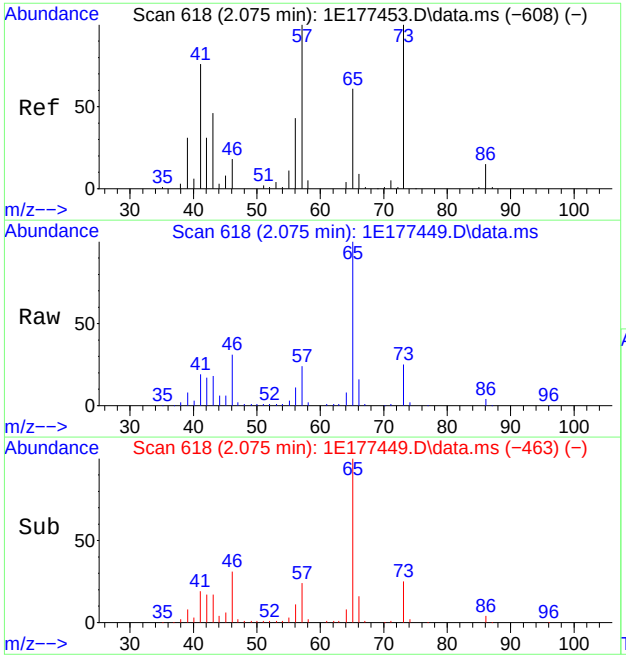


#25
trans-1,2-dichloroethene
Concen: 8.65 ug/L
RT: 2.040 min Scan# 607
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 61 Resp: 14291

Ion	Ratio	Lower	Upper
61	100		
96	69.5	41.6	101.6
98	44.3	15.7	75.7

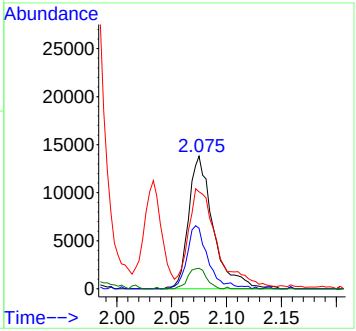


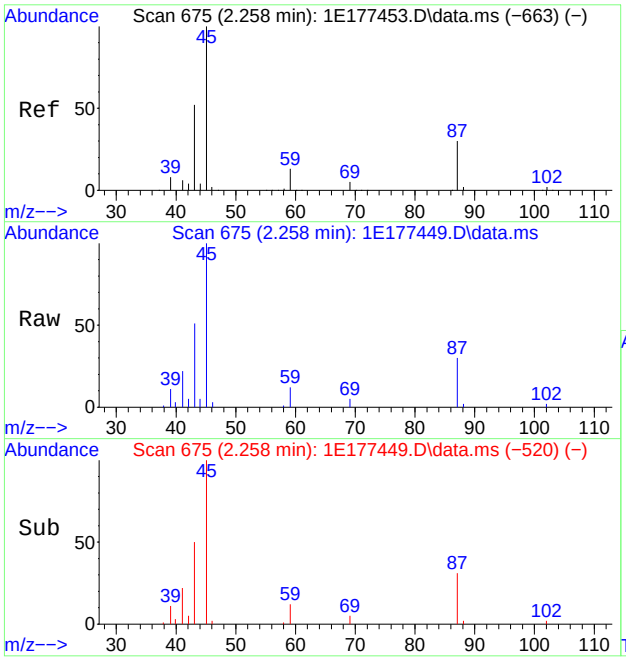


#26
hexane
Concen: 7.42 ug/L
RT: 2.075 min Scan# 618
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 57 Resp: 21607

Ion	Ratio	Lower	Upper
57	100		
56	45.7	23.0	63.0
43	71.2	50.7	90.7
86	15.4	0.0	35.6

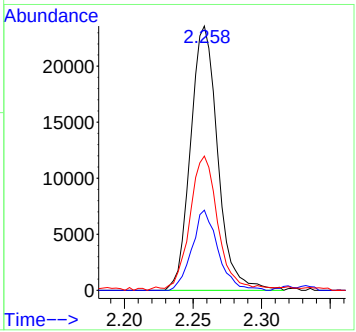




#27
di-isopropyl ether
Concen: 8.00 ug/L
RT: 2.258 min Scan# 675
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

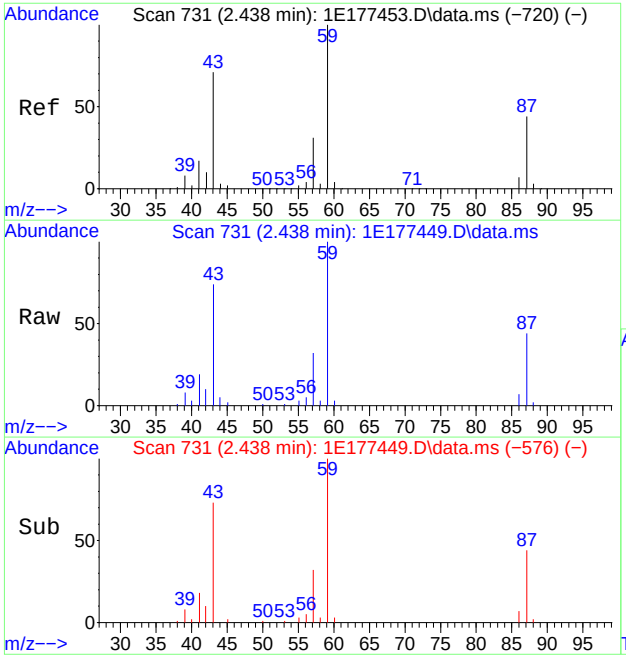
Tgt Ion: 45 Resp: 32566

Ion	Ratio	Lower	Upper
45	100		
87	30.3	0.0	59.9
43	49.9	22.2	82.2



7.6.6

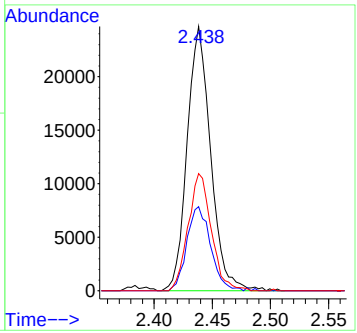
7

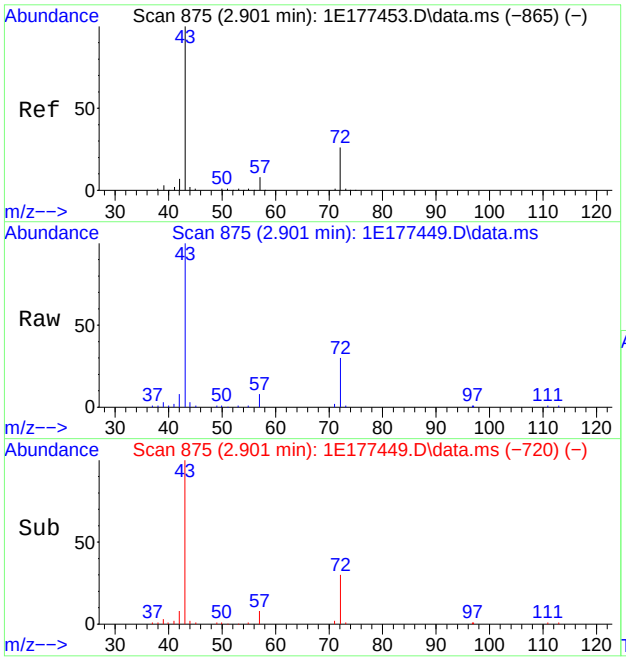


#28
ethyl tert-butyl ether
Concen: 8.02 ug/L
RT: 2.438 min Scan# 731
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 59 Resp: 34835

Ion	Ratio	Lower	Upper
59	100		
57	31.8	1.2	61.2
87	44.3	14.3	74.3

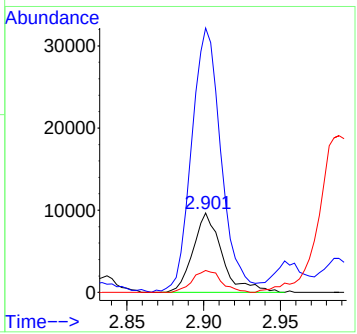


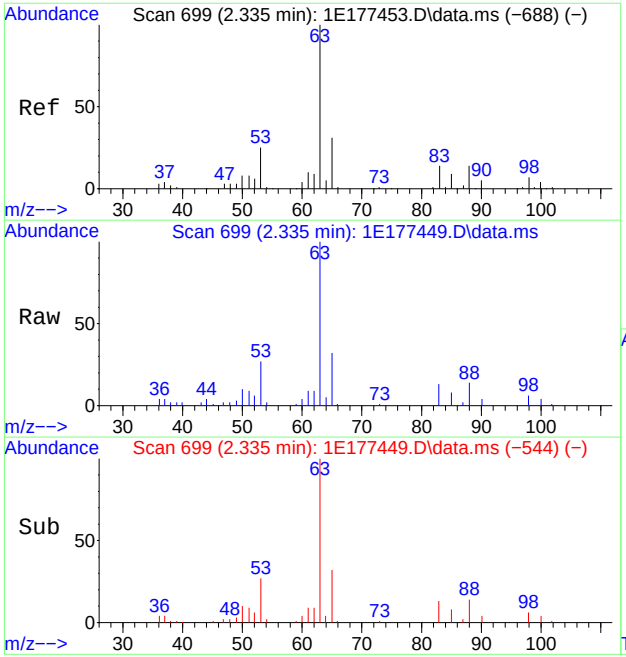


#29
2-butanone
Concen: 35.42 ug/L
RT: 2.901 min Scan# 875
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 72 Resp: 12667

Ion	Ratio	Lower	Upper
72	100		
43	331.6	351.4	411.4#
57	27.7	1.3	61.3

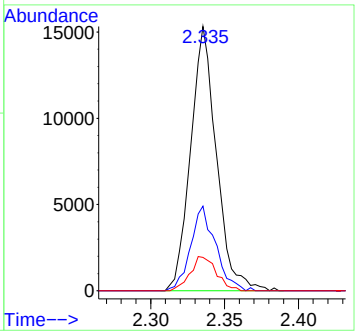


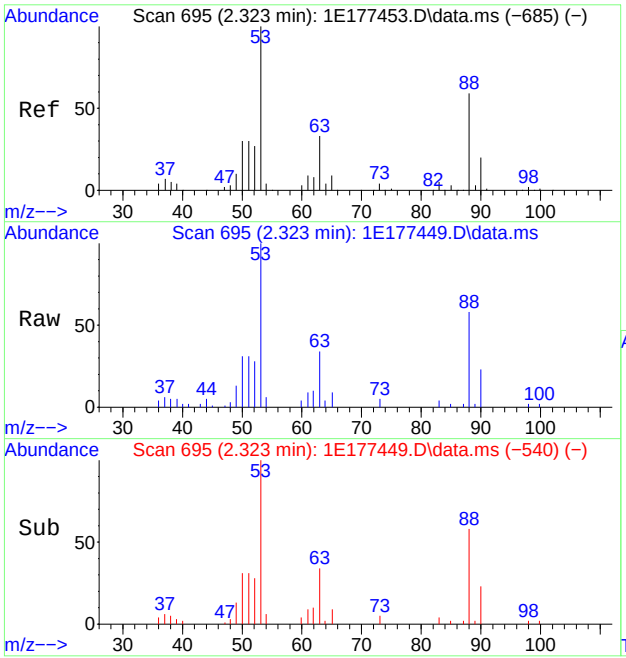


#30
1,1-dichloroethane
Concen: 7.91 ug/L
RT: 2.335 min Scan# 699
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 63 Resp: 18625

Ion	Ratio	Lower	Upper
63	100		
65	32.0	1.1	61.1
83	12.6	0.0	44.4

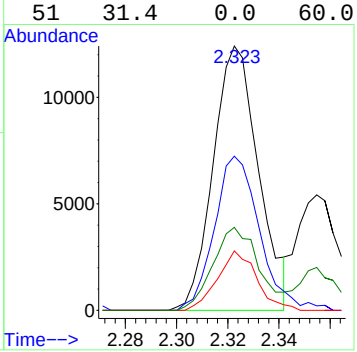


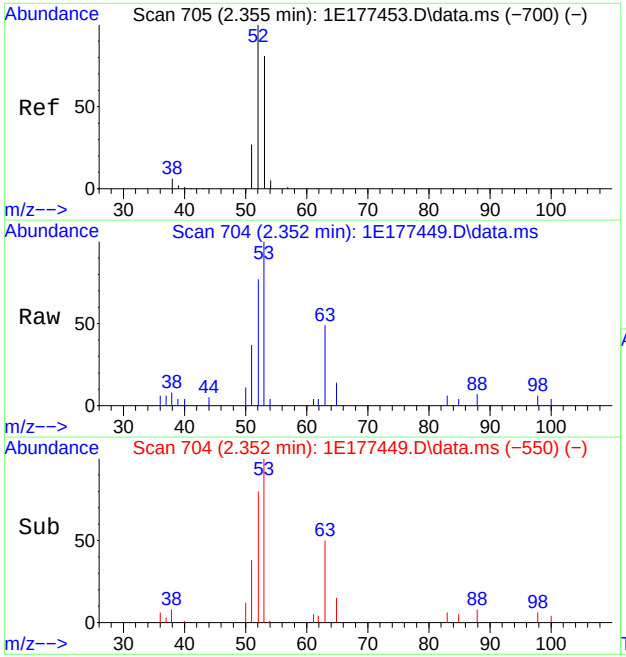


#31
chloroprene
Concen: 7.39 ug/L
RT: 2.323 min Scan# 695
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 53 Resp: 15266

Ion	Ratio	Lower	Upper
53	100		
88	58.3	29.0	89.0
90	22.5	0.0	50.3
51	31.4	0.0	60.0

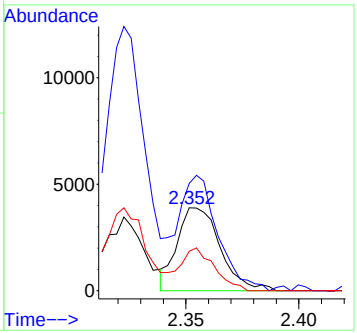


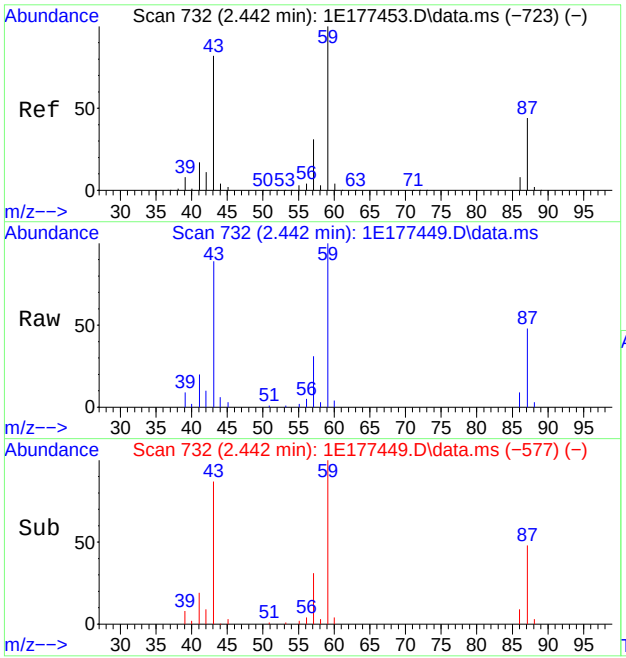


#32
acrylonitrile
Concen: 9.28 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 52 Resp: 5186

Ion	Ratio	Lower	Upper
52	100		
53	123.5	98.3	158.3
51	47.7	13.3	73.3

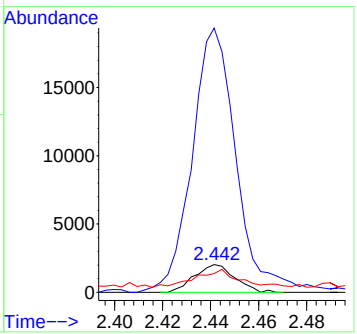


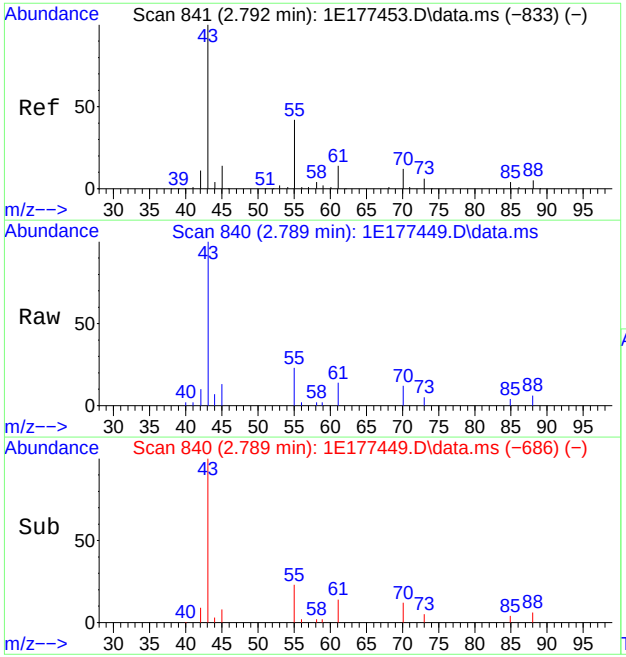


#33
vinyl acetate
Concen: 8.53 ug/L
RT: 2.442 min Scan# 732
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 86 Resp: 2369

Ion	Ratio	Lower	Upper
86	100		
43	919.7	996.1	1056.1#
44	44.1	16.2	76.2

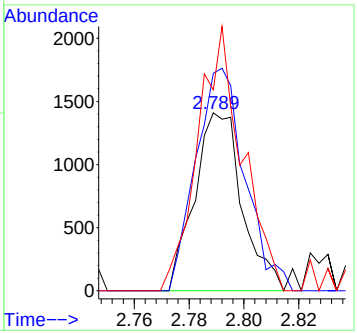


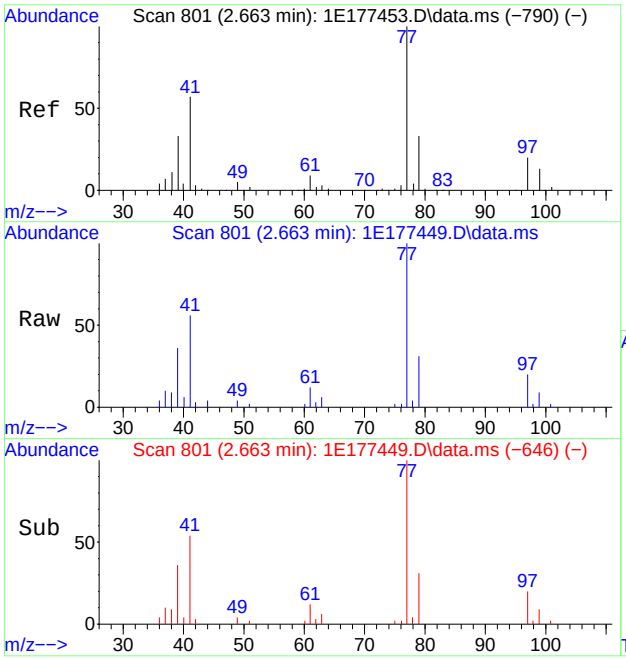


#34
ethyl acetate
Concen: 8.28 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 70 Resp: 1703

Ion	Ratio	Lower	Upper
70	100		
61	122.1	88.3	148.3
45	112.8	89.7	149.7

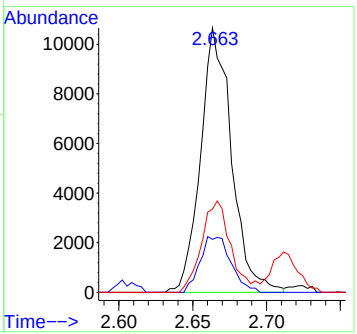


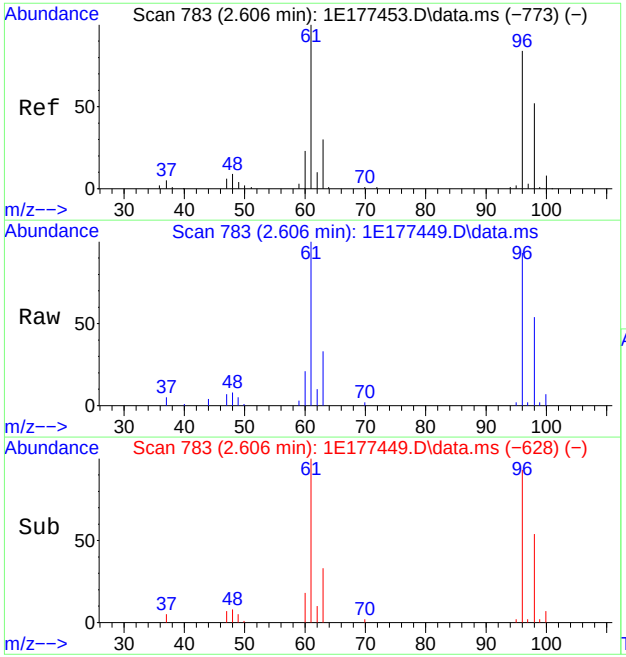


#35
2,2-dichloropropane
Concen: 7.76 ug/L
RT: 2.663 min Scan# 801
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 77 Resp: 15569

Ion	Ratio	Lower	Upper
77	100		
97	20.1	0.0	50.3
79	31.5	2.7	62.7

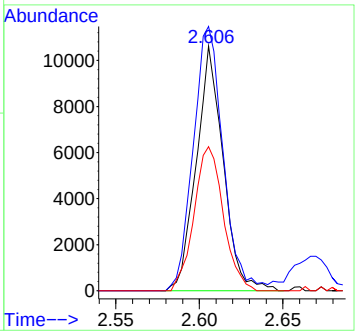


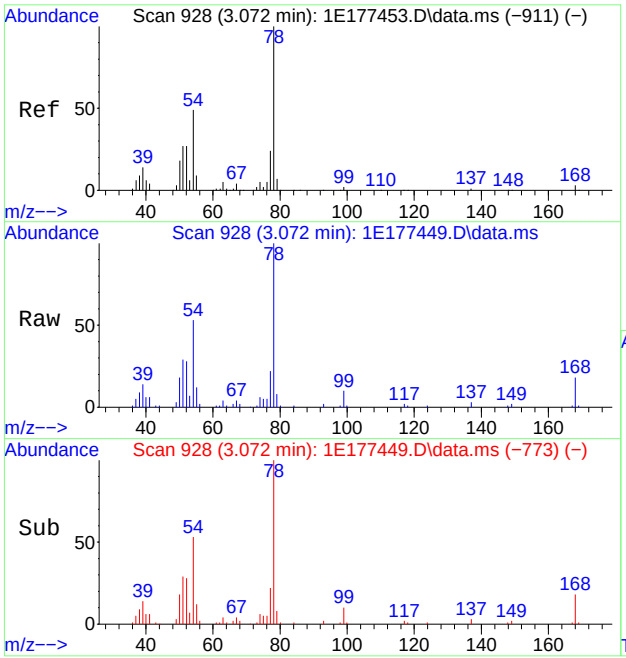


#36
cis-1,2-dichloroethene
Concen: 8.15 ug/L
RT: 2.606 min Scan# 783
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 96 Resp: 11931

Ion	Ratio	Lower	Upper
96	100		
61	108.1	89.1	149.1
98	58.9	31.8	91.8

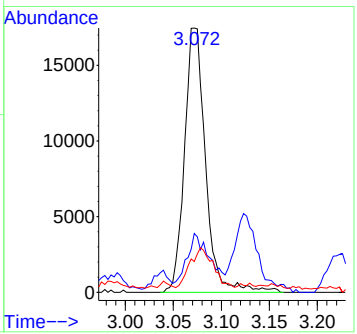


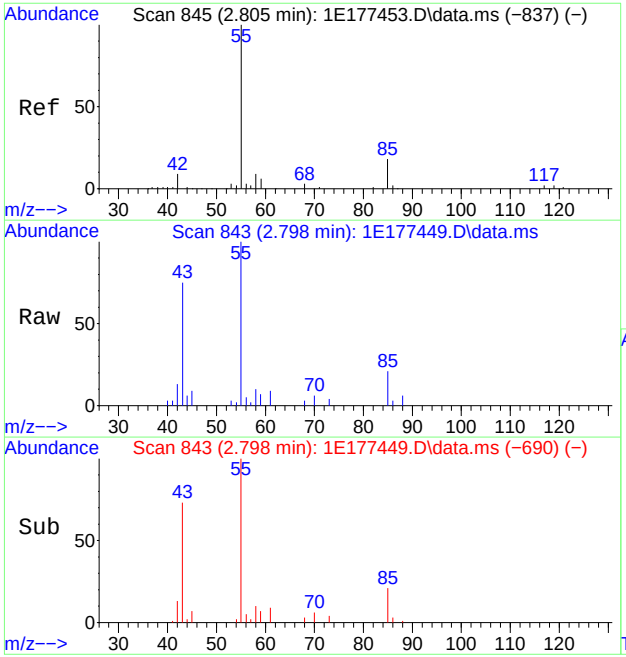


#37
propionitrile
Concen: 84.89 ug/L
RT: 3.072 min Scan# 928
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 54 Resp: 26737

Ion	Ratio	Lower	Upper
54	100		
55	19.3	0.0	49.2
40	9.9	0.0	43.2

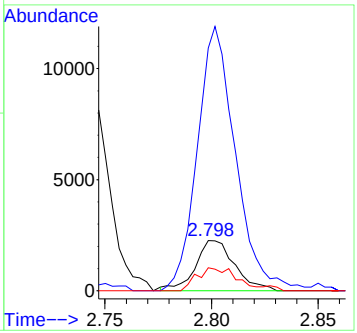


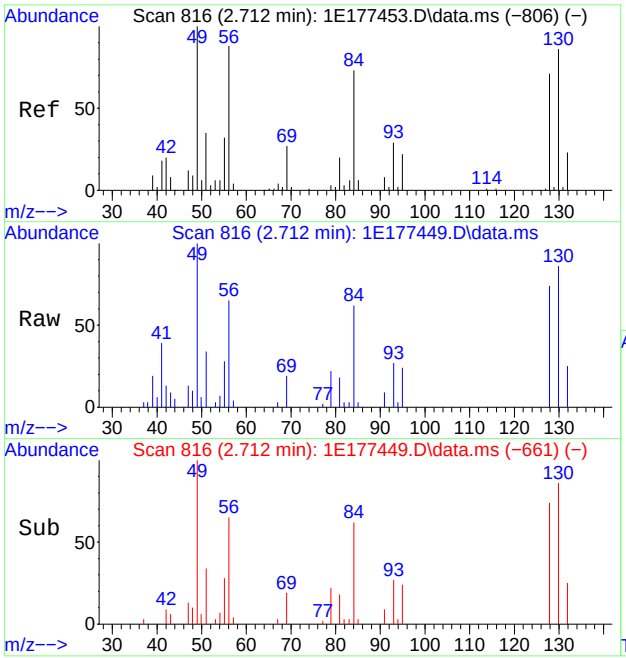


#38
methyl acrylate
Concen: 9.35 ug/L
RT: 2.798 min Scan# 843
Delta R.T. -0.006 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 85 Resp: 2892

Ion	Ratio	Lower	Upper
85	100		
55	484.1	505.5	545.5#
58	46.2	25.5	65.5

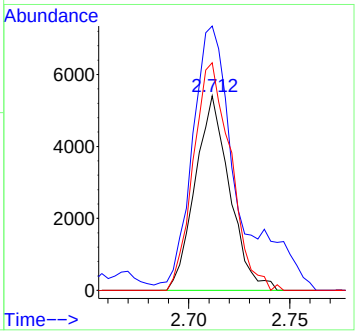


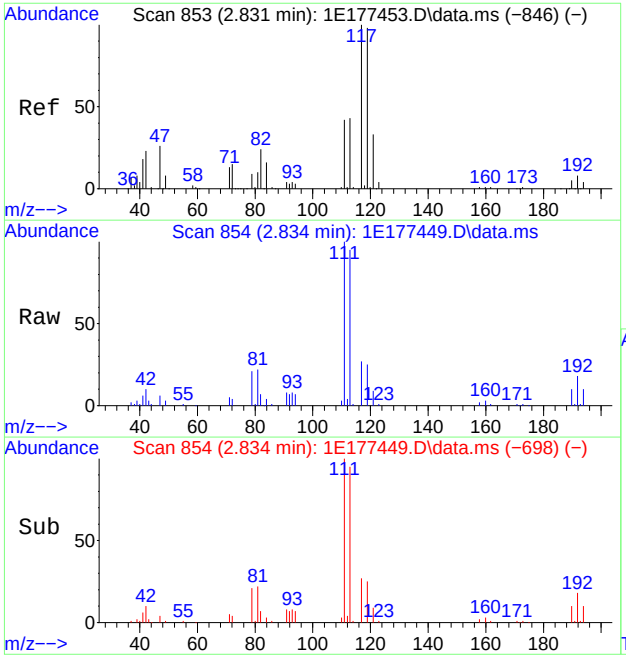


#39
bromochloromethane
Concen: 8.45 ug/L
RT: 2.712 min Scan# 816
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:128 Resp: 6439

Ion	Ratio	Lower	Upper
128	100		
49	131.9	113.7	173.7
130	117.0	91.4	151.4

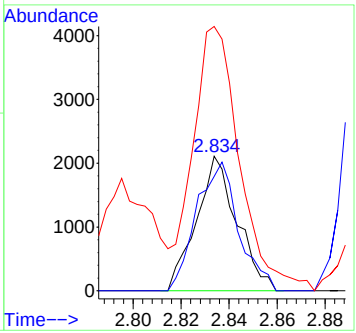


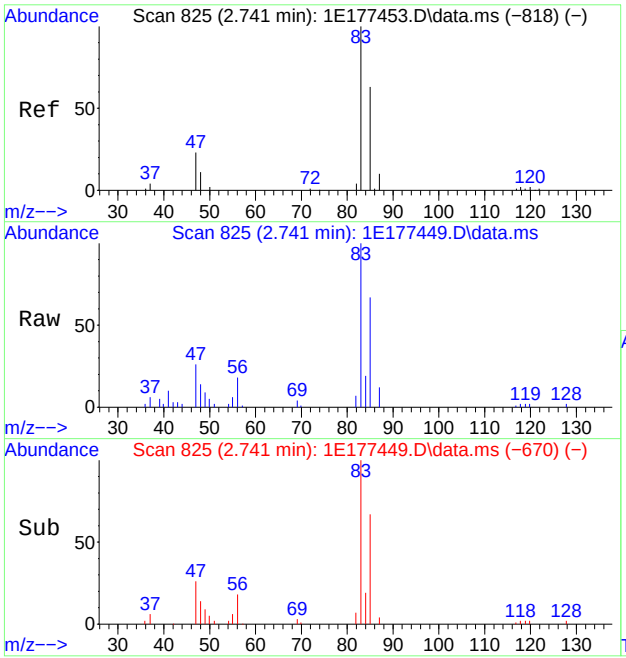


#40
tetrahydrofuran
Concen: 9.07 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 71 Resp: 2470

Ion	Ratio	Lower	Upper
71	100		
72	85.0	82.2	142.2
42	185.0	201.9	261.9#

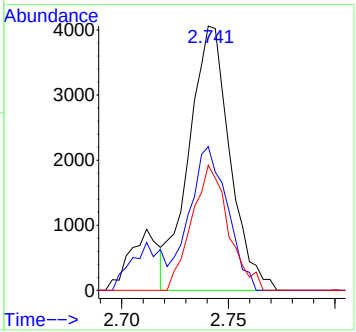


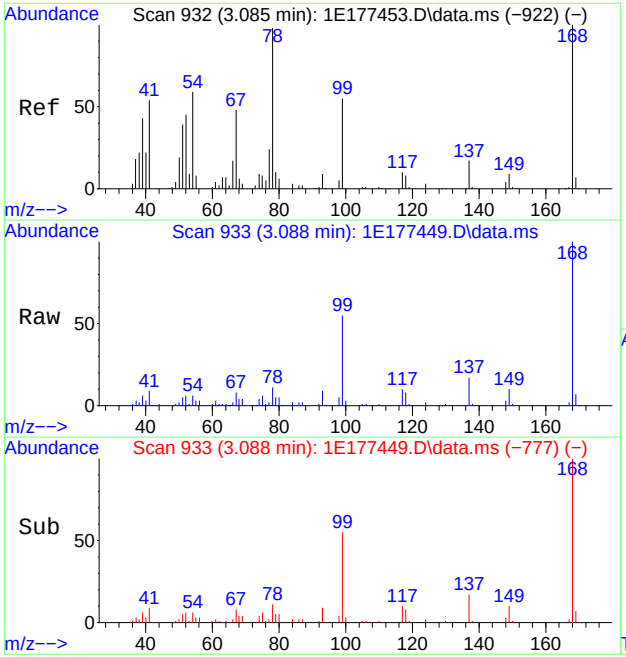


#41
chloroform
Concen: 7.18 ug/L
RT: 2.741 min Scan# 825
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 47 Resp: 5427

Ion	Ratio	Lower	Upper
47	100		
48	54.4	23.0	83.0
87	47.3	8.1	68.1

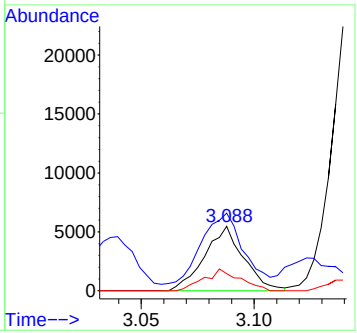


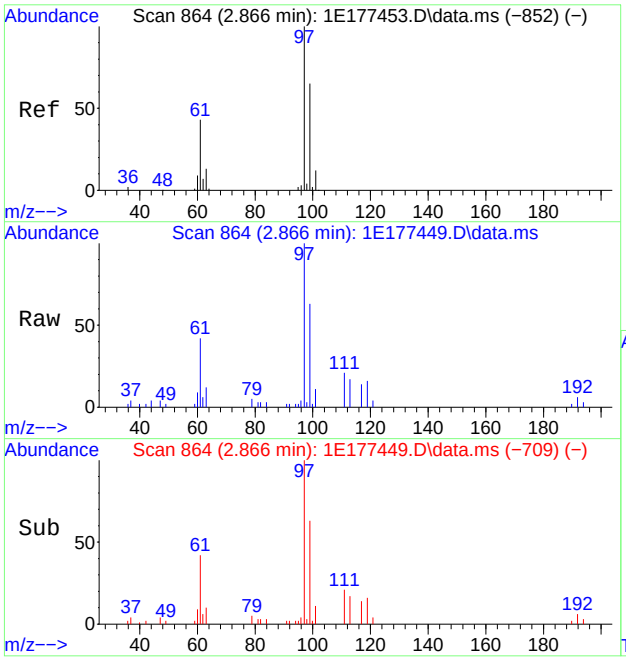


#43
methacrylonitrile
Concen: 7.70 ug/L
RT: 3.088 min Scan# 933
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 67 Resp: 6582

Ion	Ratio	Lower	Upper
67	100		
41	110.0	83.8	143.8
66	26.7	6.0	66.0

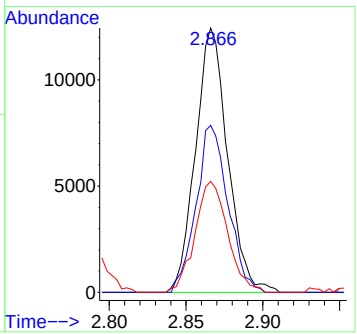


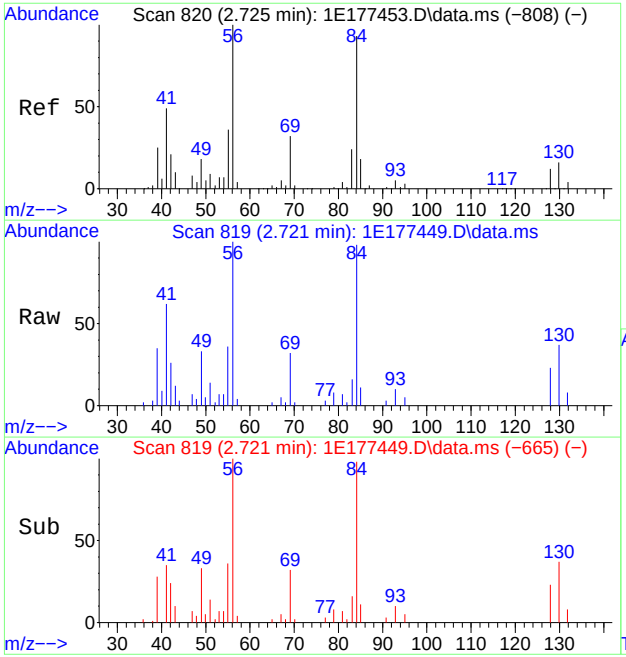


#44
1,1,1-trichloroethane
Concen: 7.95 ug/L
RT: 2.866 min Scan# 864
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 97 Resp: 18086

Ion	Ratio	Lower	Upper
97	100		
99	63.1	34.9	94.9
61	42.0	13.2	73.2

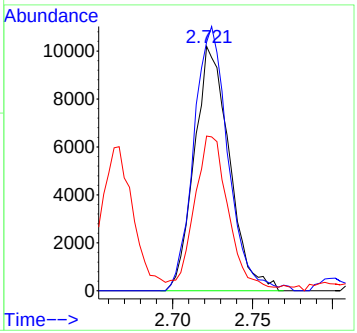


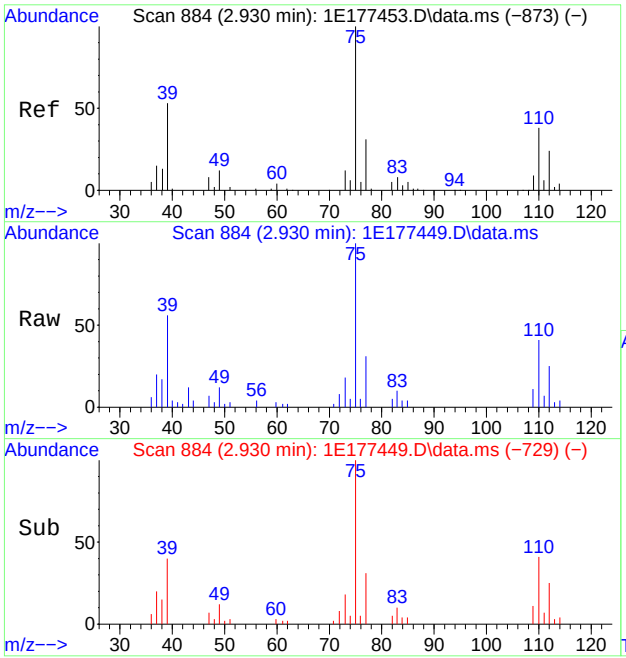


#45
cyclohexane
Concen: 8.11 ug/L
RT: 2.721 min Scan# 819
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 84 Resp: 15543

Ion	Ratio	Lower	Upper
84	100		
56	101.7	87.1	127.1
41	61.1	36.3	76.3

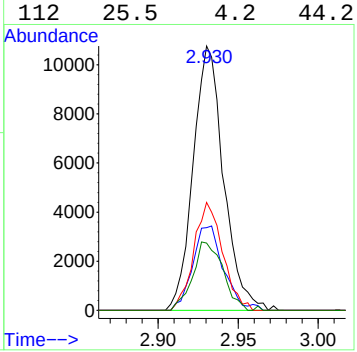


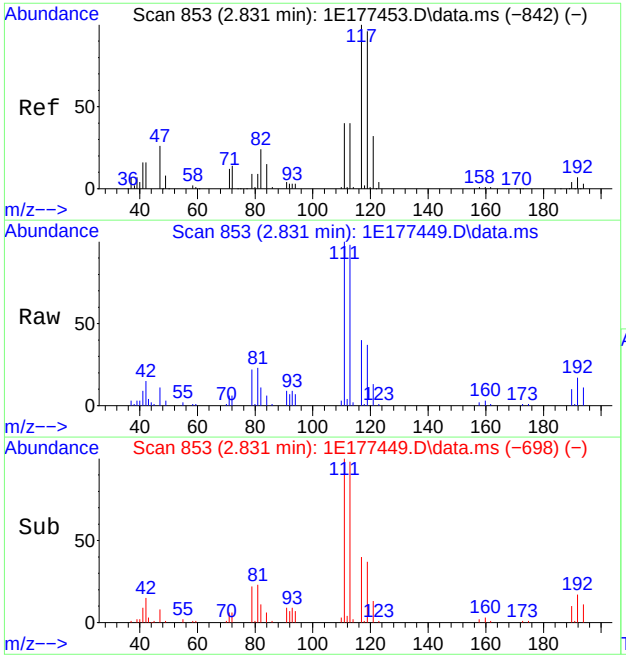


#46
1,1-dichloropropene
Concen: 7.99 ug/L
RT: 2.930 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 75 Resp: 14263

Ion	Ratio	Lower	Upper
75	100		
77	31.3	10.6	50.6
110	40.9	17.7	57.7
112	25.5	4.2	44.2

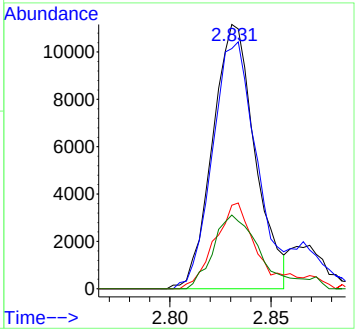


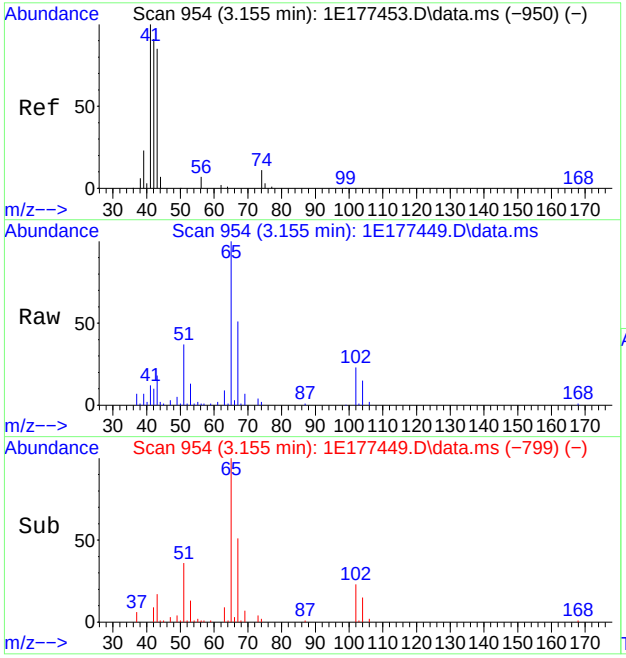


#47
carbon tetrachloride
Concen: 7.51 ug/L
RT: 2.831 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:117 Resp: 16370

Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.4	116.4
121	31.6	12.4	52.4
82	27.9	4.0	44.0

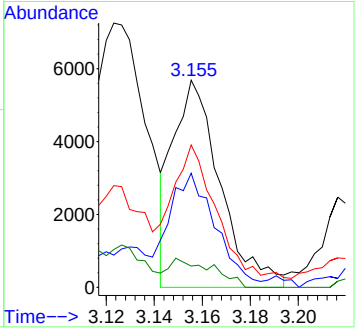


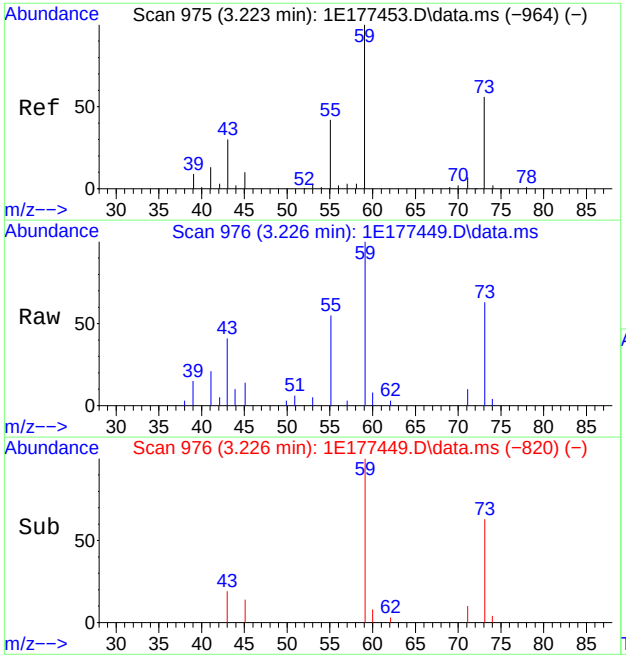


#48
isobutyl alcohol
Concen: 86.14 ug/L
RT: 3.155 min Scan# 954
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 43 Resp: 7831

Ion	Ratio	Lower	Upper
43	100		
42	55.1	34.0	74.0
41	68.2	52.4	92.4
74	11.0	0.0	32.3

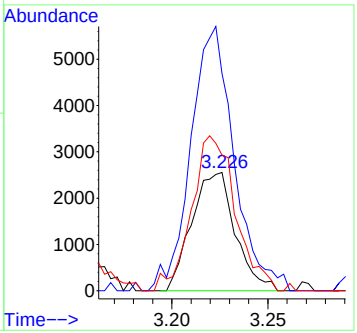


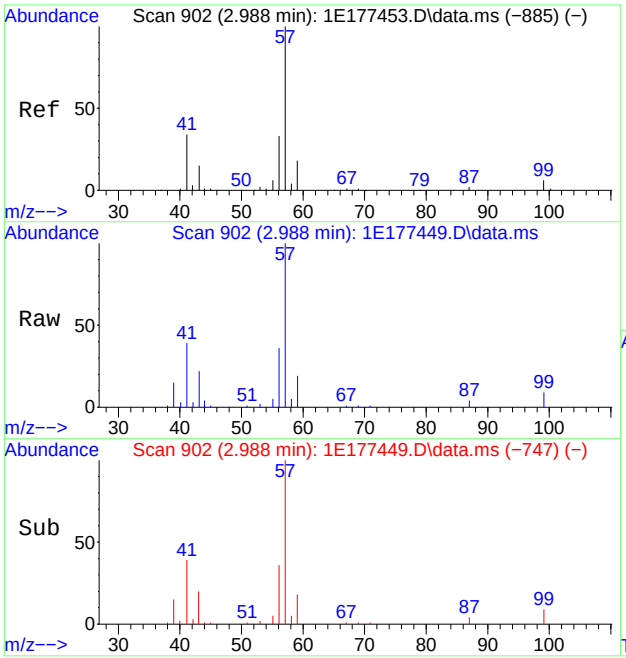


#49
tert-amyl alcohol
Concen: 42.24 ug/L
RT: 3.226 min Scan# 976
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 55 Resp: 4039

Ion	Ratio	Lower	Upper
55	100		
59	169.4	210.1	250.1#
73	114.8	111.6	151.6

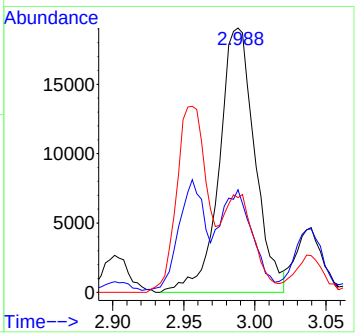


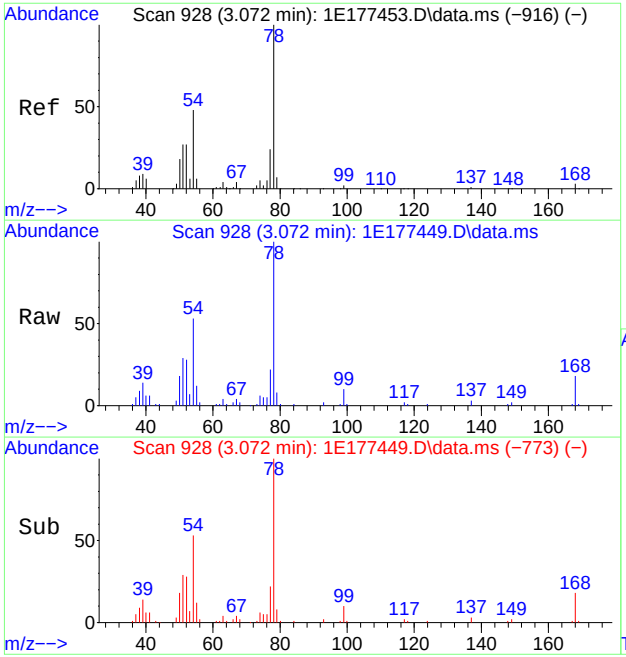


#52
iso-octane
Concen: 7.96 ug/L
RT: 2.988 min Scan# 902
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 57 Resp: 33210

Ion	Ratio	Lower	Upper
57	100		
41	36.8	14.3	54.3
56	32.3	13.6	53.6

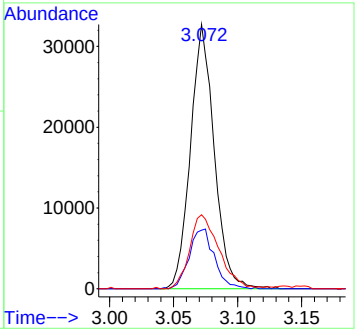


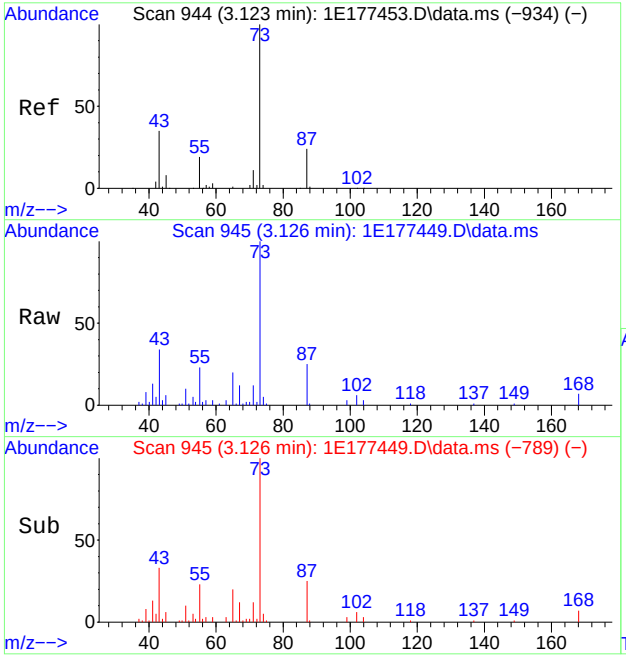


#53
benzene
Concen: 8.21 ug/L
RT: 3.072 min Scan# 928
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 78 Resp: 42349

Ion	Ratio	Lower	Upper
78	100		
77	22.2	0.0	54.3
52	28.0	0.0	57.1

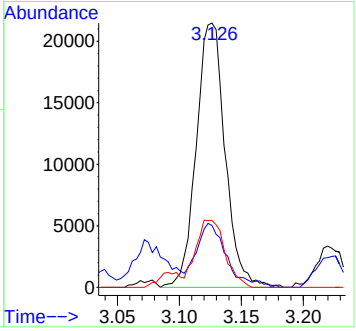


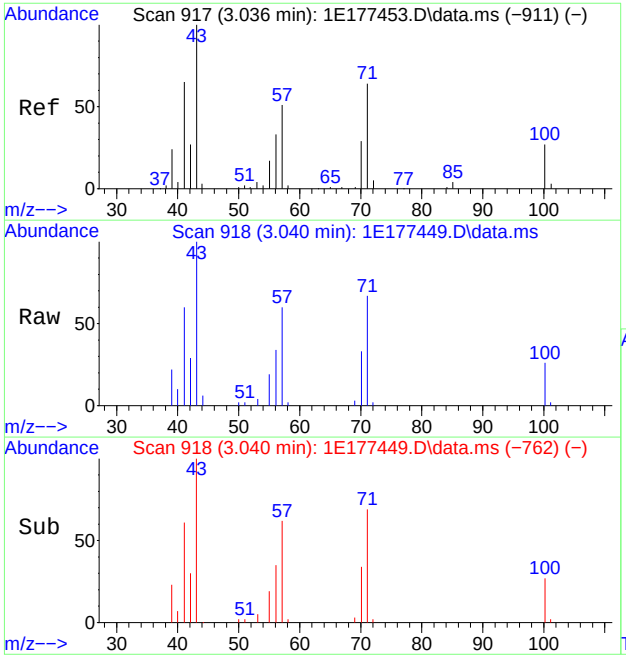


#54
tert-amyl methyl ether
Concen: 8.23 ug/L
RT: 3.126 min Scan# 945
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 73 Resp: 34880

Ion	Ratio	Lower	Upper
73	100		
55	23.5	2.5	42.5
87	25.3	5.0	45.0

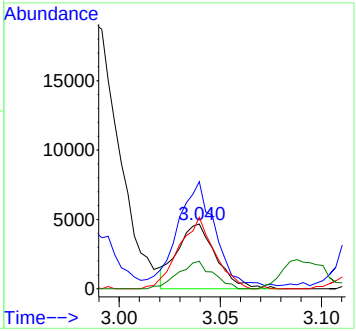


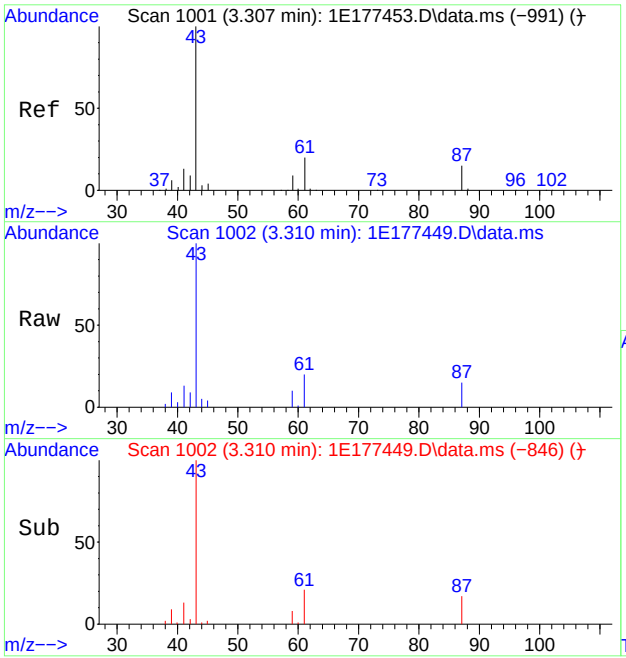


#55
heptane
Concen: 7.99 ug/L
RT: 3.040 min Scan# 918
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 57 Resp: 6218

Ion	Ratio	Lower	Upper
57	100		
43	159.7	129.2	189.2
71	110.5	71.9	131.9
100	38.2	10.2	70.2

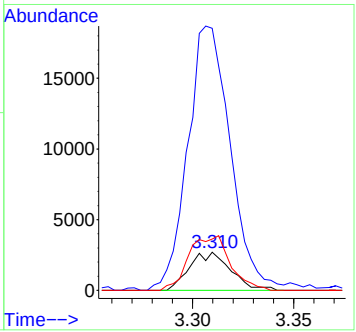


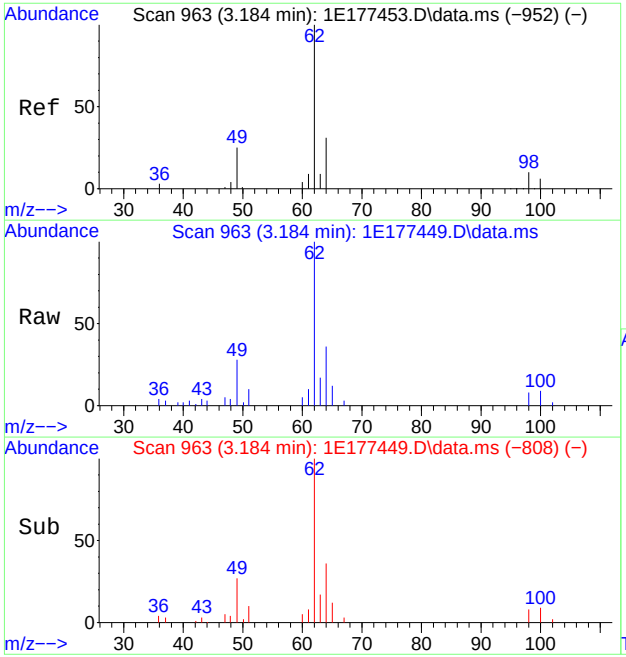


#56
isopropyl acetate
Concen: 8.56 ug/L
RT: 3.310 min Scan# 1002
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 87 Resp: 3831

Ion	Ratio	Lower	Upper
87	100		
43	672.9	647.0	707.0
61	134.8	104.0	164.0

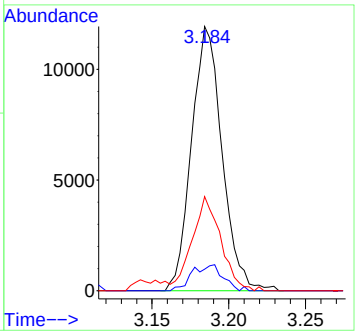


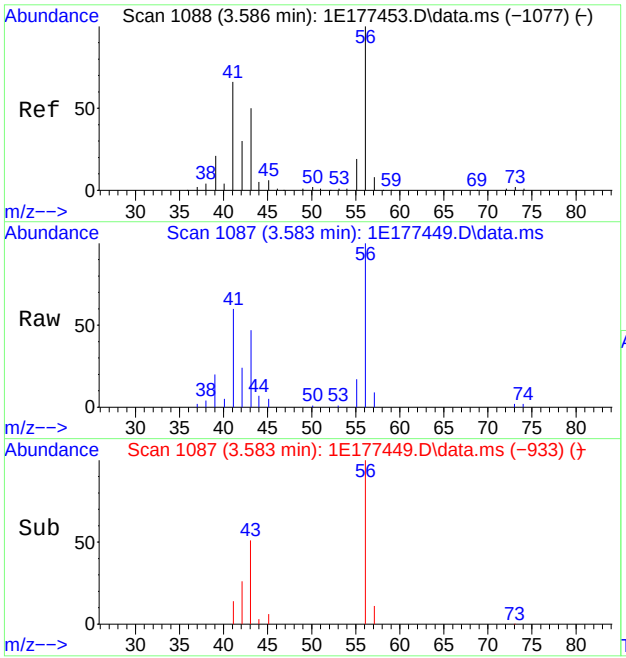


#57
1,2-dichloroethane
Concen: 7.66 ug/L
RT: 3.184 min Scan# 963
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 62 Resp: 16513

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	39.5
64	35.6	1.9	61.9

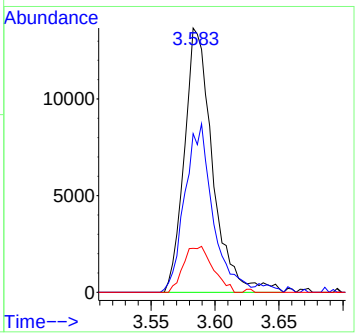


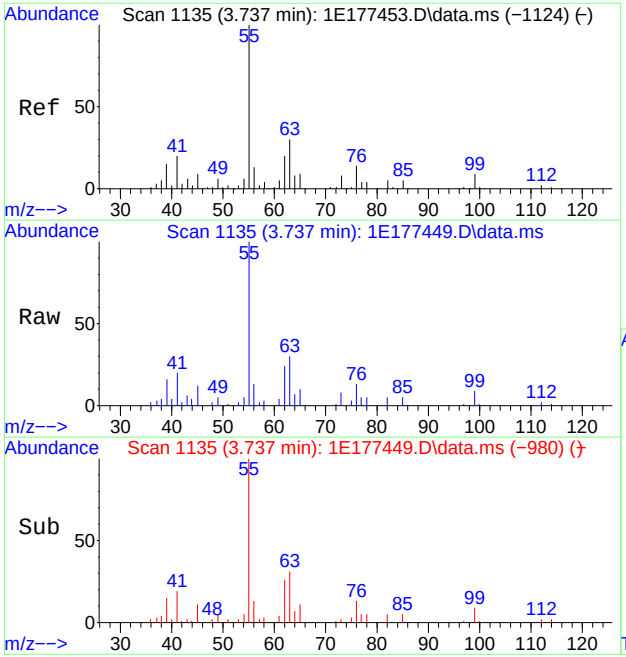


#58
n-butyl alcohol
Concen: 384.42 ug/L
RT: 3.583 min Scan# 1087
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 56 Resp: 21025

Ion	Ratio	Lower	Upper
56	100		
41	60.0	46.6	86.6
55	16.7	0.0	39.2

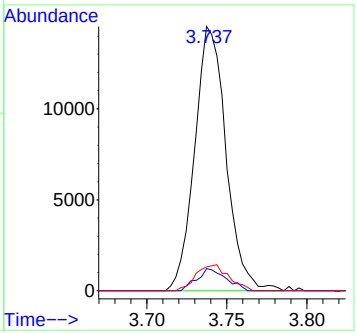


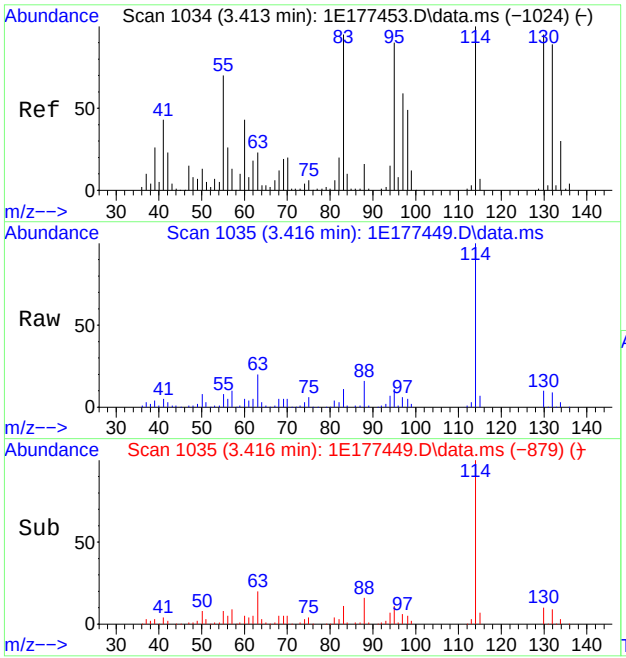


#59
ethyl acrylate
Concen: 8.25 ug/L
RT: 3.737 min Scan# 1135
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 55 Resp: 19864

Ion	Ratio	Lower	Upper
55	100		
73	8.4	0.0	37.9
99	9.1	0.0	38.9

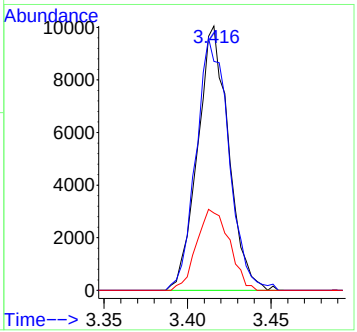


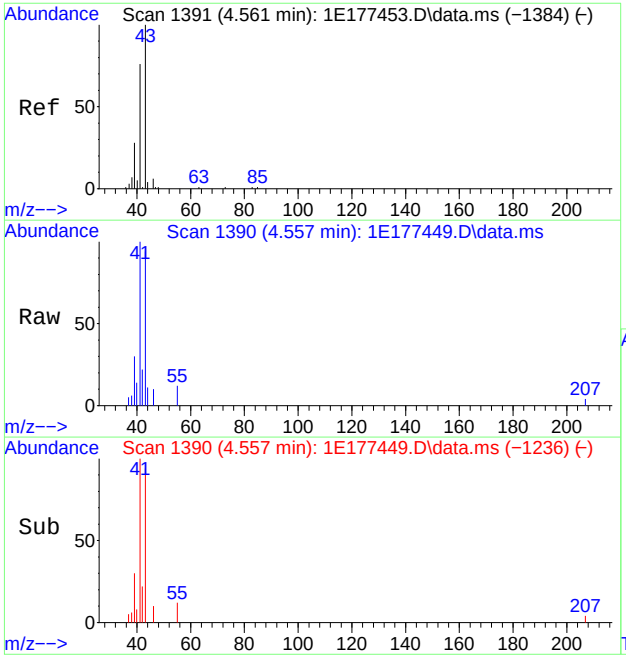


#60
trichloroethene
Concen: 8.44 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:130 Resp: 13038

Ion	Ratio	Lower	Upper
130	100		
132	86.6	63.8	123.8
134	29.2	1.3	61.3

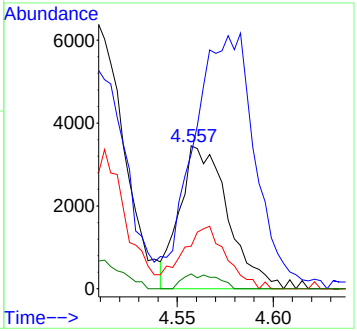


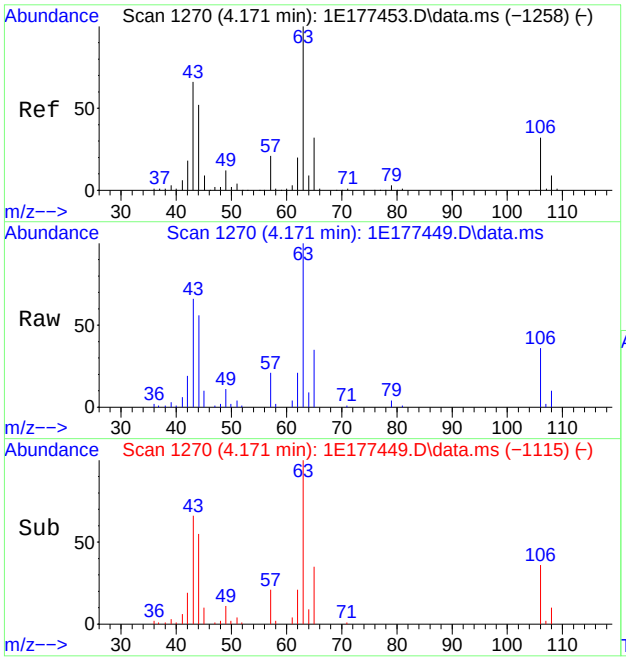


#61
2-nitropropane
Concen: 7.46 ug/L
RT: 4.557 min Scan# 1390
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 41 Resp: 6031

Ion	Ratio	Lower	Upper
41	100		
43	76.5	93.3	153.3#
39	29.9	9.2	69.2
46	10.4	0.0	37.8

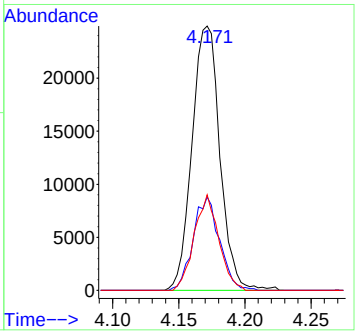


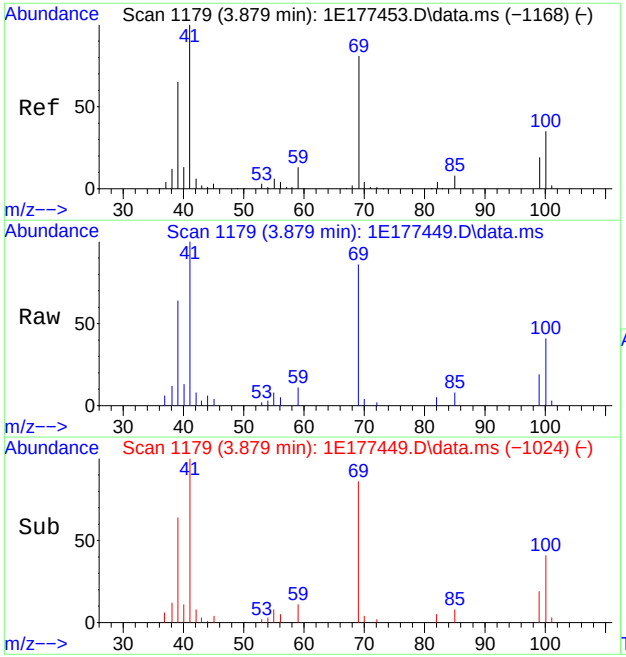


#62
2-chloroethyl vinyl ether
Concen: 44.21 ug/L
RT: 4.171 min Scan# 1270
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 63 Resp: 36556

Ion	Ratio	Lower	Upper
63	100		
65	35.3	1.9	61.9
106	36.1	2.0	62.0

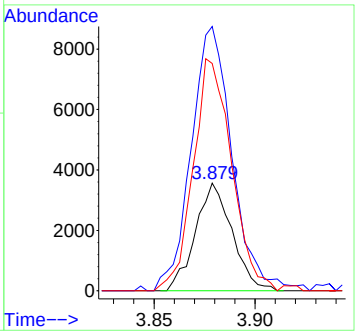


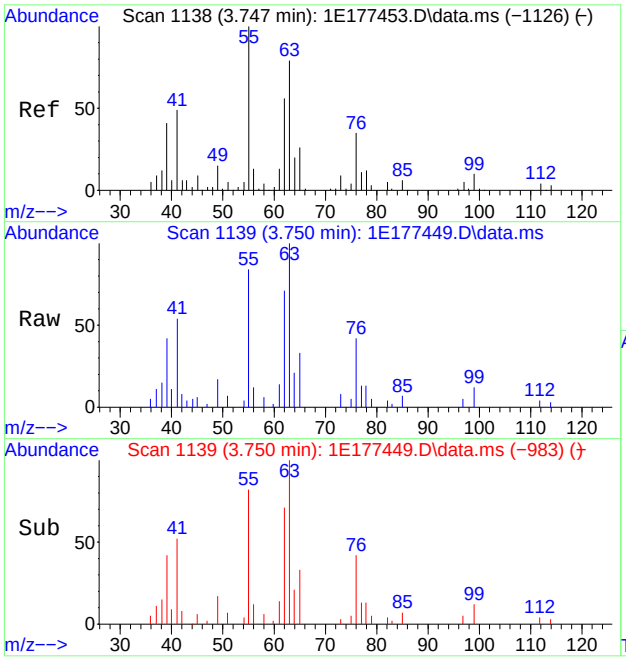


#63
methyl methacrylate
Concen: 8.51 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:100 Resp: 4503

Ion	Ratio	Lower	Upper
100	100		
41	239.7	253.3	313.3#
69	206.4	198.3	258.3

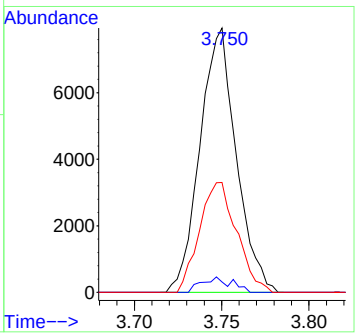


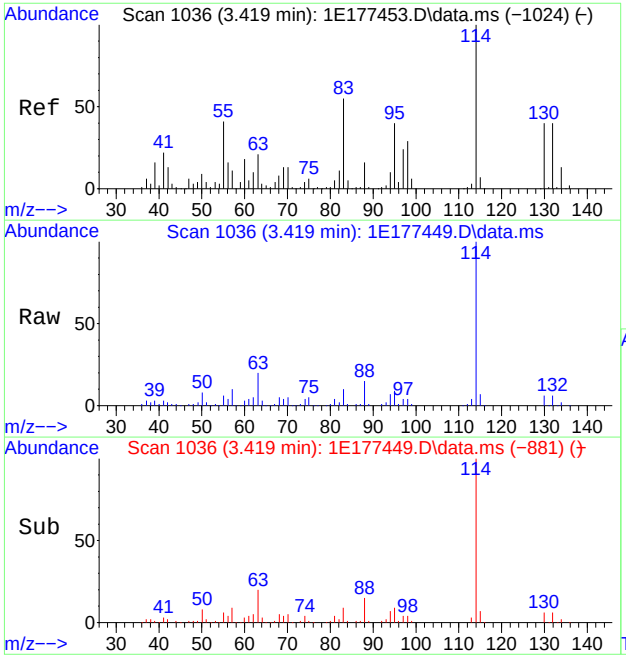


#64
1,2-dichloropropane
Concen: 8.60 ug/L
RT: 3.750 min Scan# 1139
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 63 Resp: 11485

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	34.8
76	41.6	14.8	74.8

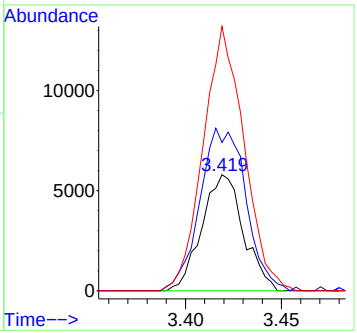


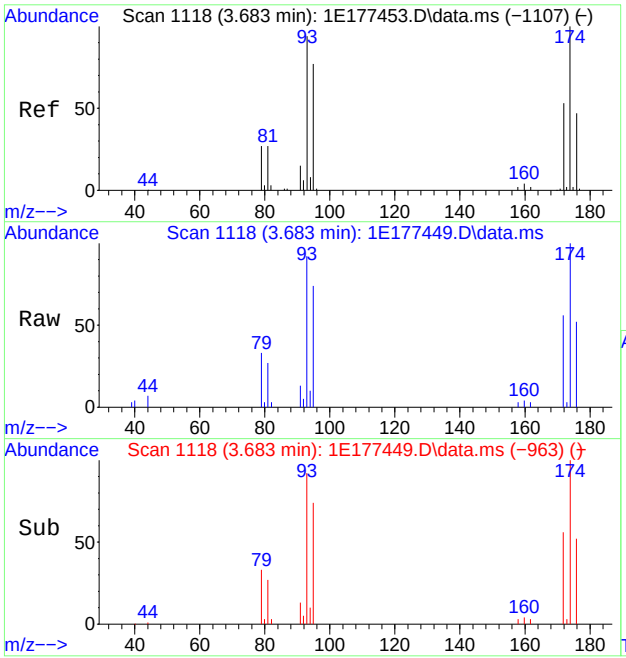


#65
methylcyclohexane
Concen: 7.88 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 98 Resp: 8779

Ion	Ratio	Lower	Upper
98	100		
55	127.7	109.6	169.6
83	227.7	187.2	187.2#

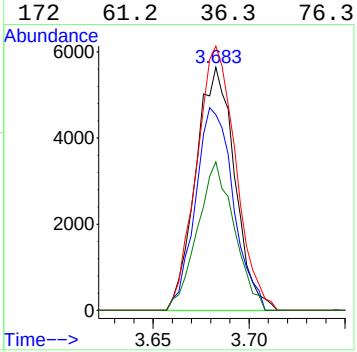


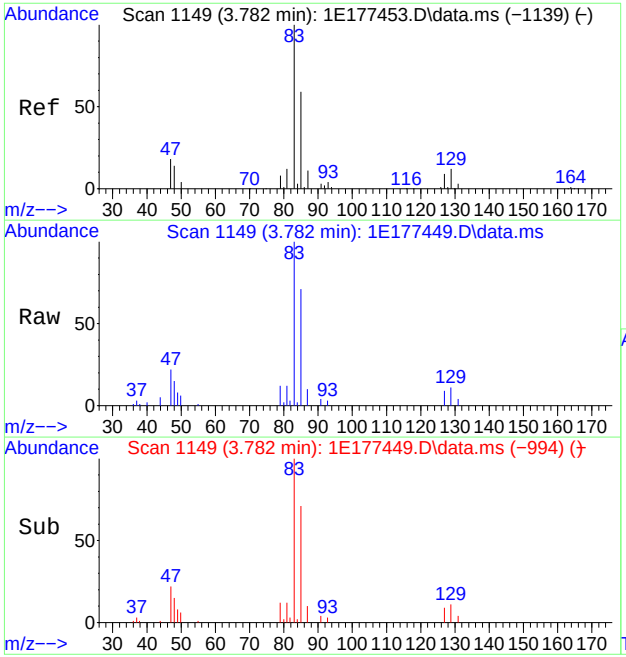


#66
dibromomethane
Concen: 7.80 ug/L
RT: 3.683 min Scan# 1118
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 93 Resp: 7973

Ion	Ratio	Lower	Upper
93	100		
95	80.5	51.7	111.7
174	108.8	76.6	136.6
172	61.2	36.3	76.3

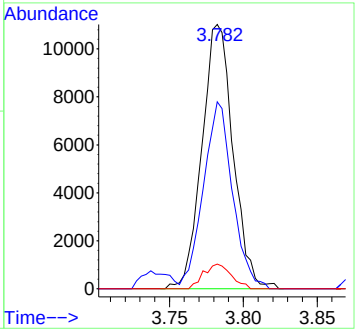


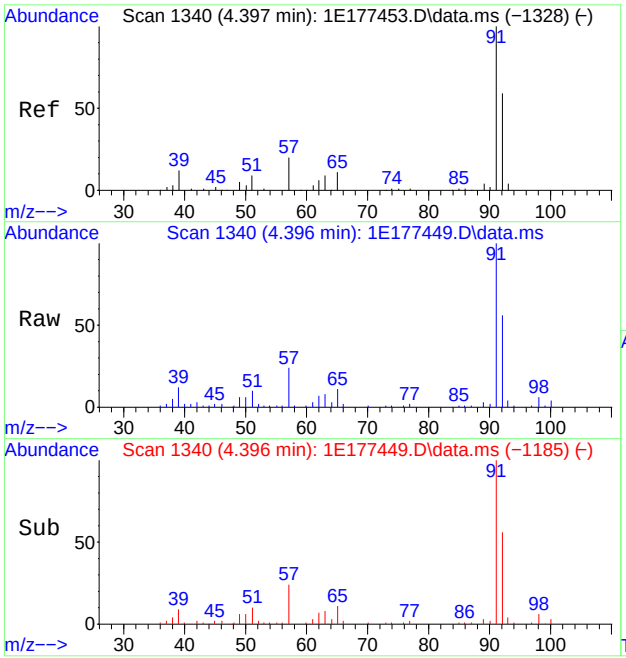


#67
bromodichloromethane
Concen: 8.24 ug/L
RT: 3.782 min Scan# 1149
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 83 Resp: 16159

Ion	Ratio	Lower	Upper
83	100		
85	70.7	33.0	93.0
127	9.3	0.0	38.8

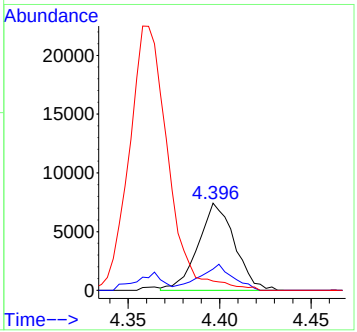


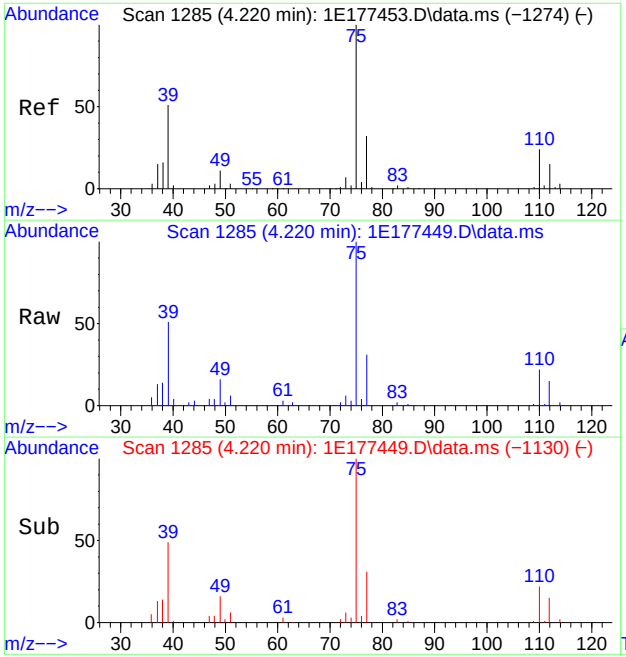


#68
epichlorohydrin
Concen: 42.23 ug/L
RT: 4.396 min Scan# 1340
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 57 Resp: 10338

Ion	Ratio	Lower	Upper
57	100		
49	24.6	8.6	48.6
42	10.6	0.0	30.2

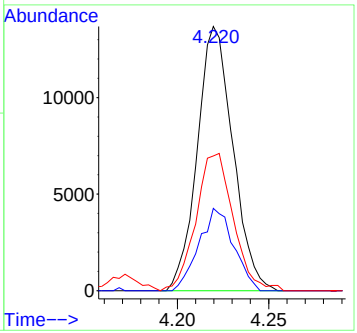


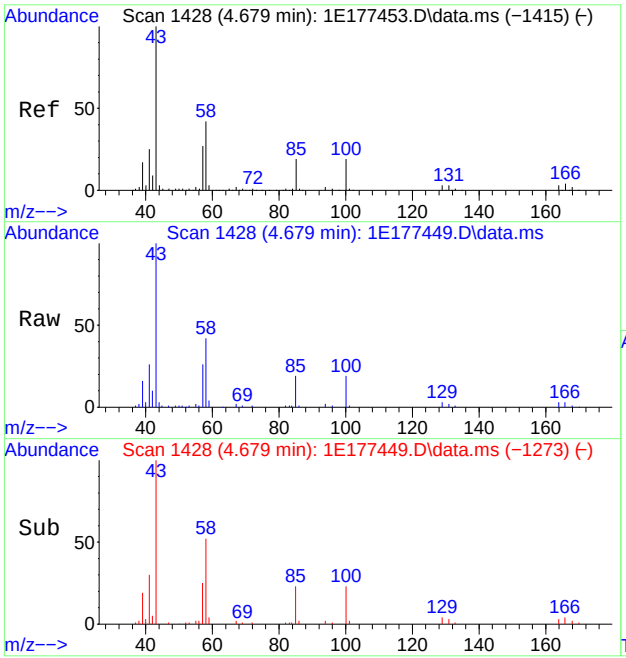


#69
cis-1,3-dichloropropene
Concen: 8.09 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 75 Resp: 18663

Ion	Ratio	Lower	Upper
75	100		
77	31.2	2.1	62.1
39	51.0	23.0	83.0

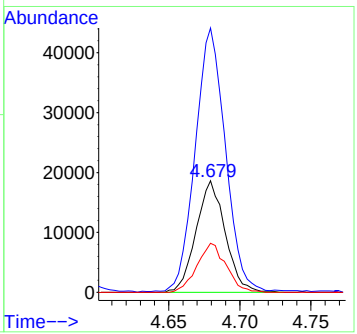


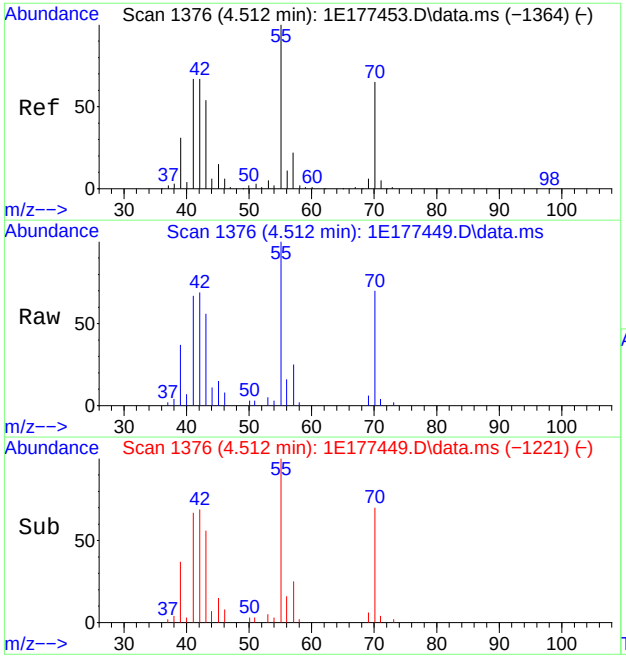


#70
4-methyl-2-pentanone
Concen: 33.55 ug/L
RT: 4.679 min Scan# 1428
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 58 Resp: 26613

Ion	Ratio	Lower	Upper
58	100		
43	236.0	210.4	270.4
100	44.1	14.6	74.6

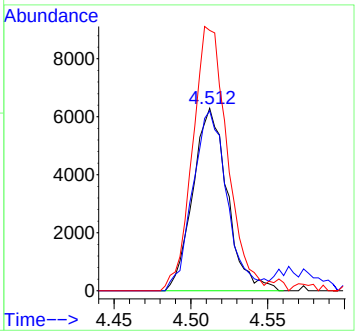


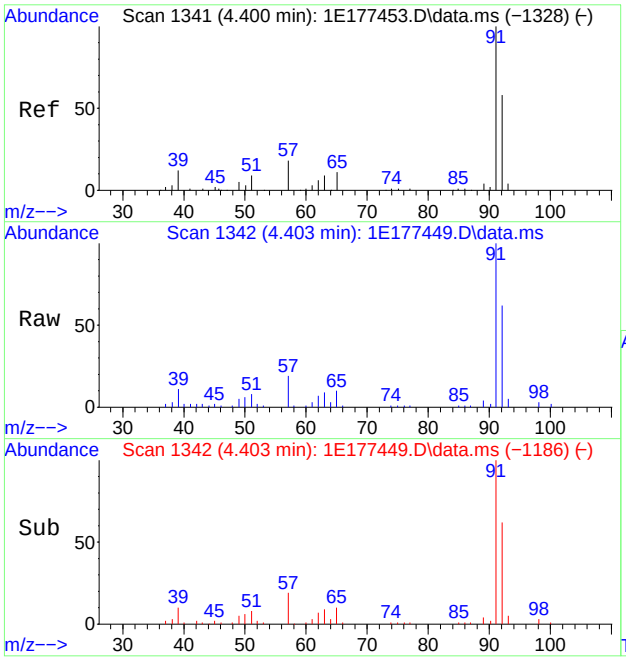


#71
3-methyl-1-butanol
Concen: 164.54 ug/L
RT: 4.512 min Scan# 1376
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 70 Resp: 9822

Ion	Ratio	Lower	Upper
70	100		
42	98.6	73.1	133.1
55	142.7	123.9	183.9

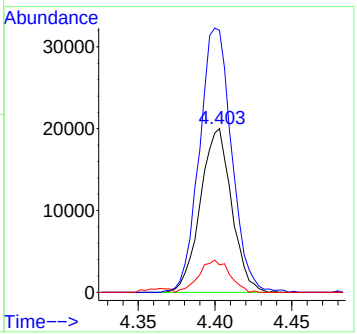


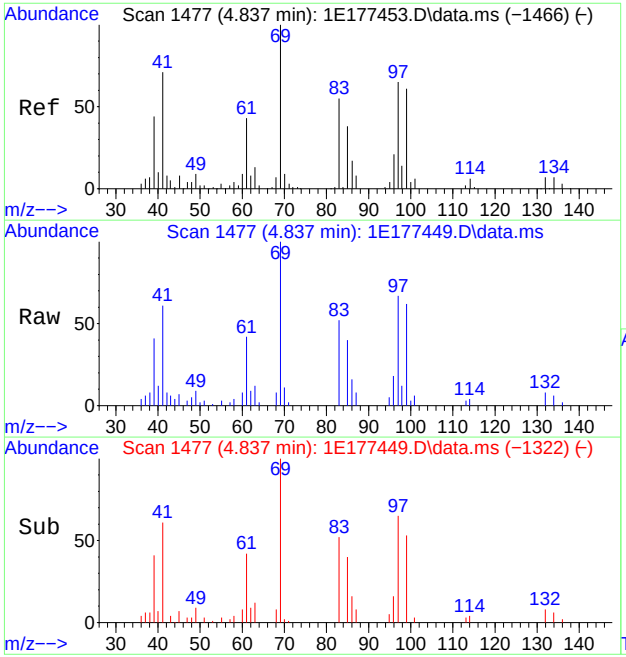


#74
toluene
Concen: 8.41 ug/L
RT: 4.403 min Scan# 1342
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 92 Resp: 28341

Ion	Ratio	Lower	Upper
92	100		
91	160.1	151.4	191.4
65	16.8	0.0	39.2

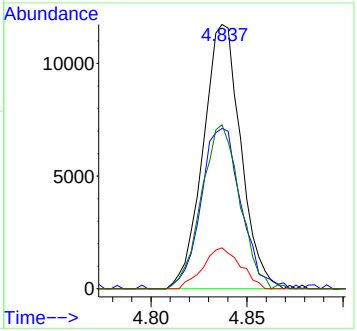


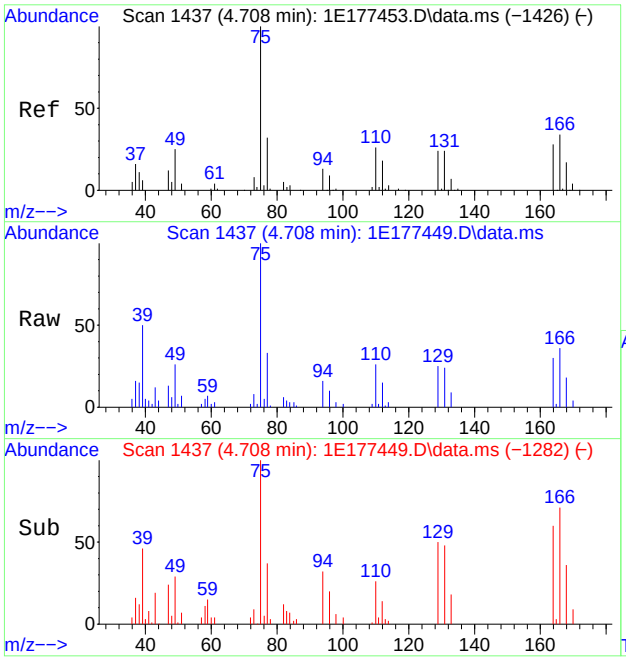


#75
ethyl methacrylate
Concen: 8.01 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 69 Resp: 16047

Ion	Ratio	Lower	Upper
69	100		
41	60.6	51.1	91.1
86	15.5	0.0	36.7
99	62.0	41.3	81.3

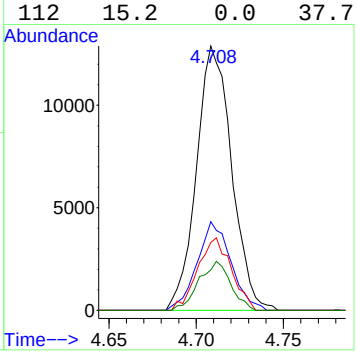


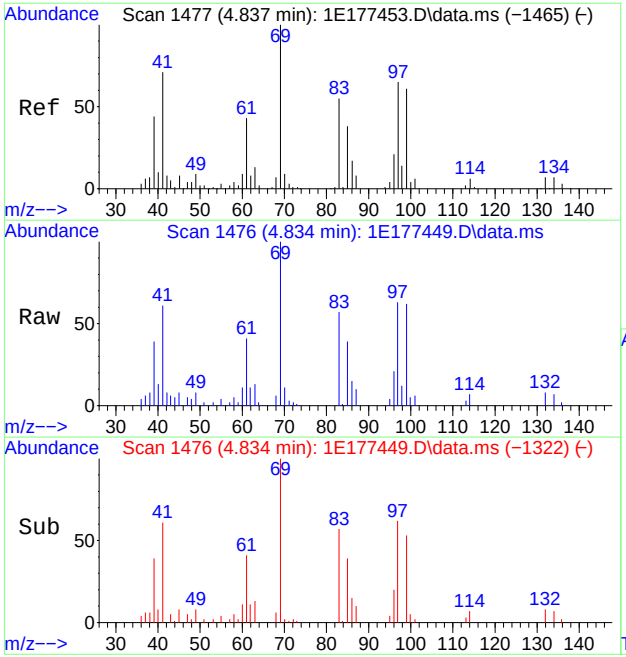


#76
trans-1,3-dichloropropene
Concen: 8.26 ug/L
RT: 4.708 min Scan# 1437
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 75 Resp: 18108

Ion	Ratio	Lower	Upper
75	100		
77	33.5	12.4	52.4
110	25.6	6.3	46.3
112	15.2	0.0	37.7

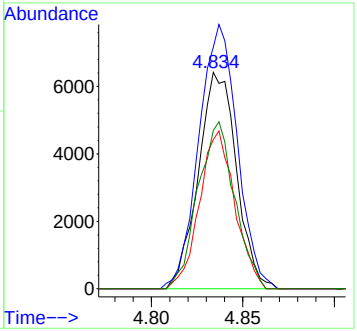


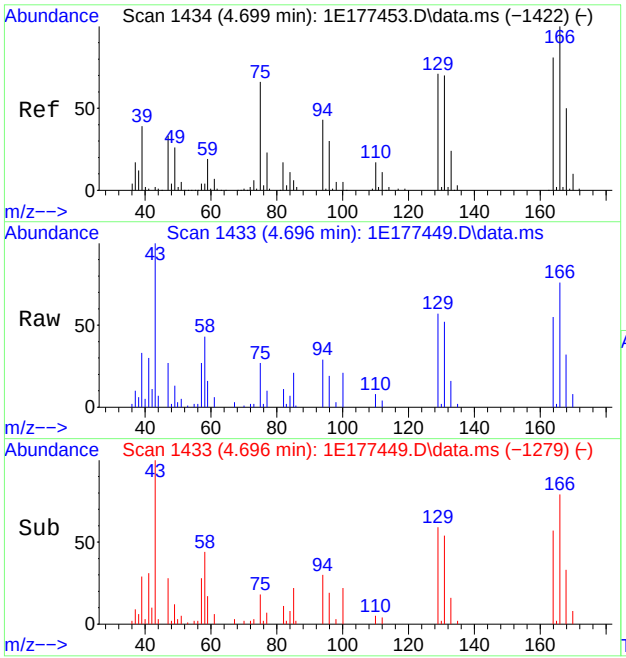


#77
1,1,2-trichloroethane
Concen: 7.73 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 83 Resp: 9372

Ion	Ratio	Lower	Upper
83	100		
97	111.6	97.4	137.4
85	68.9	48.3	88.3
61	73.3	56.7	96.7

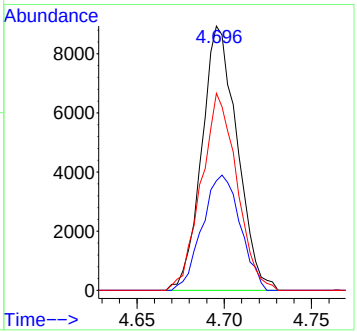




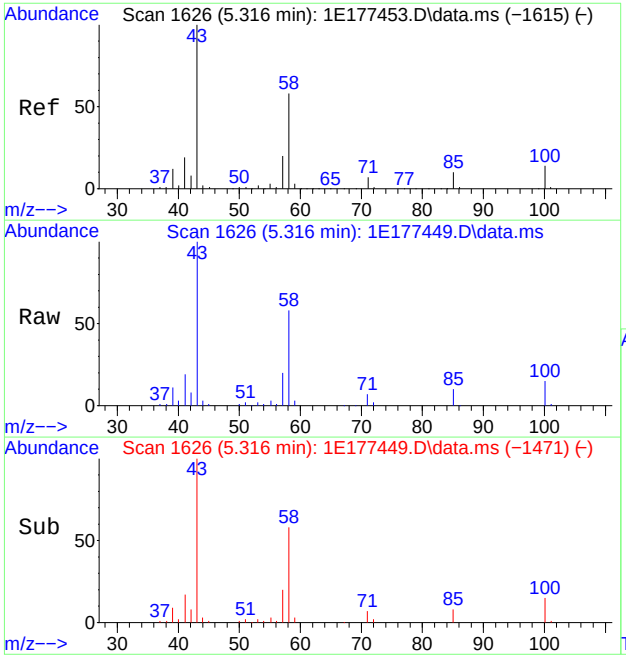
#78
tetrachloroethene
Concen: 7.75 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:166 Resp: 12615

Ion	Ratio	Lower	Upper
166	100		
168	41.4	20.1	80.1
129	74.5	41.0	101.0



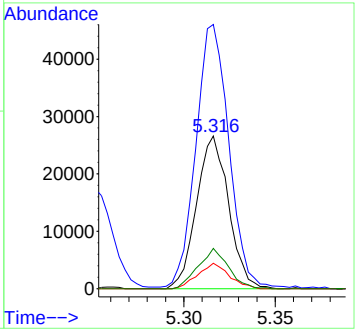
7.6.6

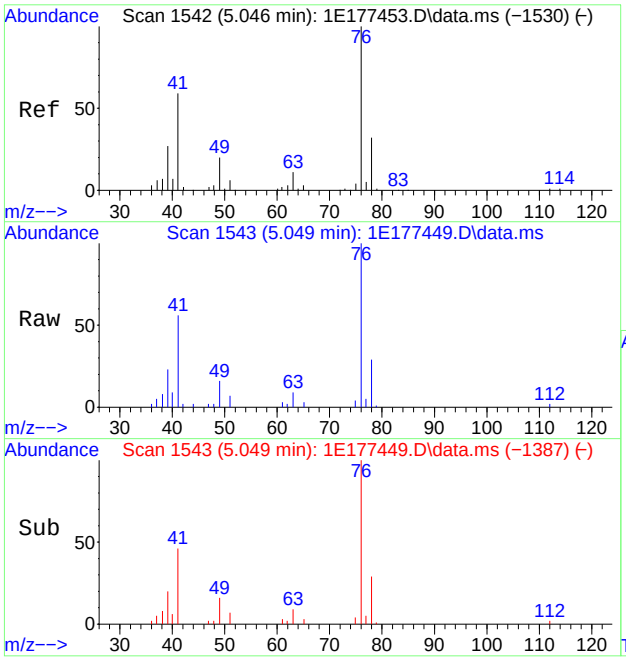


#79
2-hexanone
Concen: 33.28 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 58 Resp: 32564

Ion	Ratio	Lower	Upper
58	100		
43	172.0	153.6	193.6
85	16.8	0.0	37.1
100	26.5	5.0	45.0

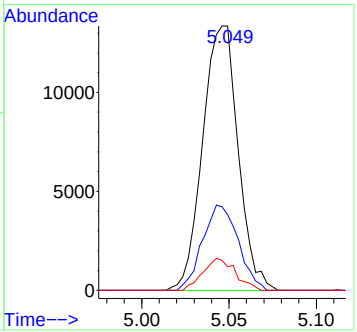


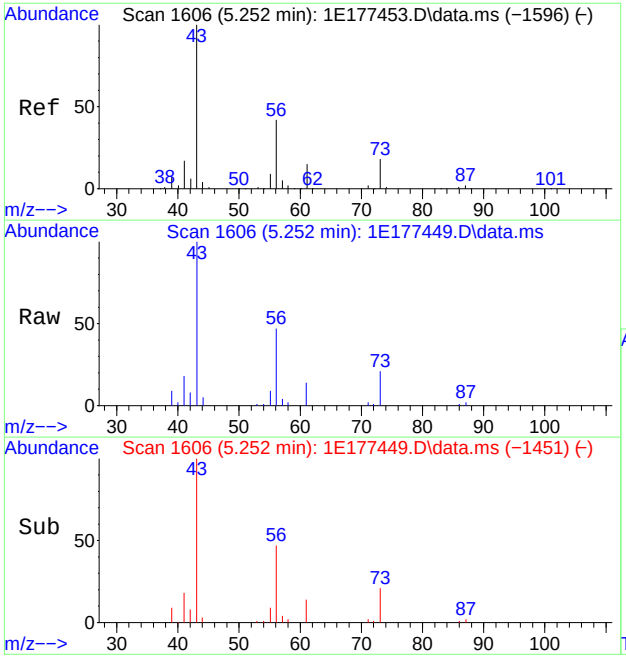


#80
1,3-dichloropropane
Concen: 8.23 ug/L
RT: 5.049 min Scan# 1543
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 76 Resp: 18904

Ion	Ratio	Lower	Upper
76	100		
78	28.7	2.4	62.4
63	8.9	0.0	41.1

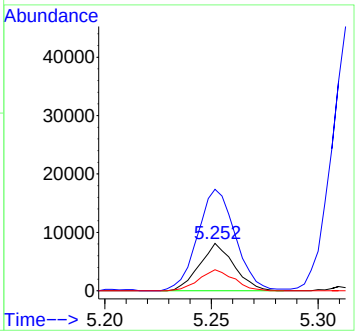


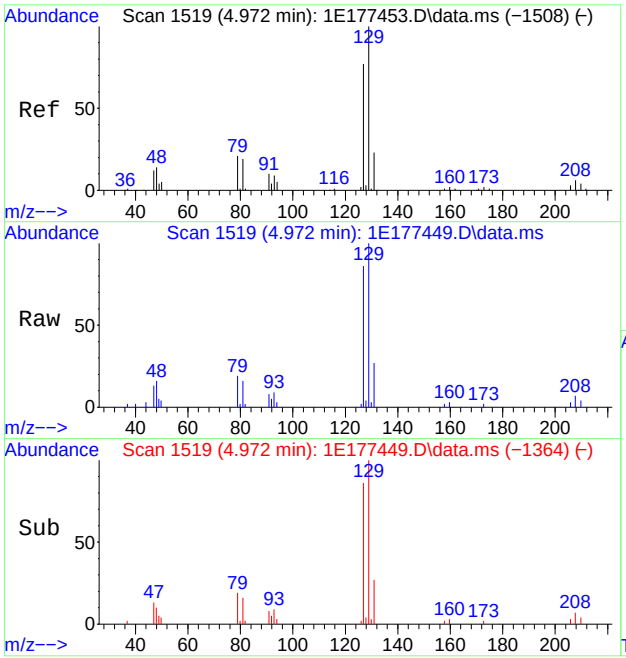


#81
butyl acetate
Concen: 7.83 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 56 Resp: 9178

Ion	Ratio	Lower	Upper
56	100		
43	210.7	205.8	265.8
73	44.8	13.1	73.1

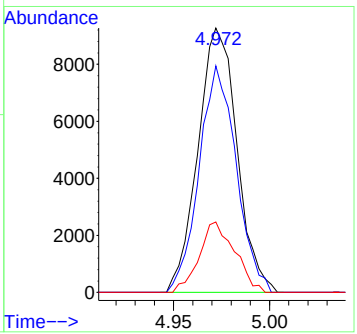


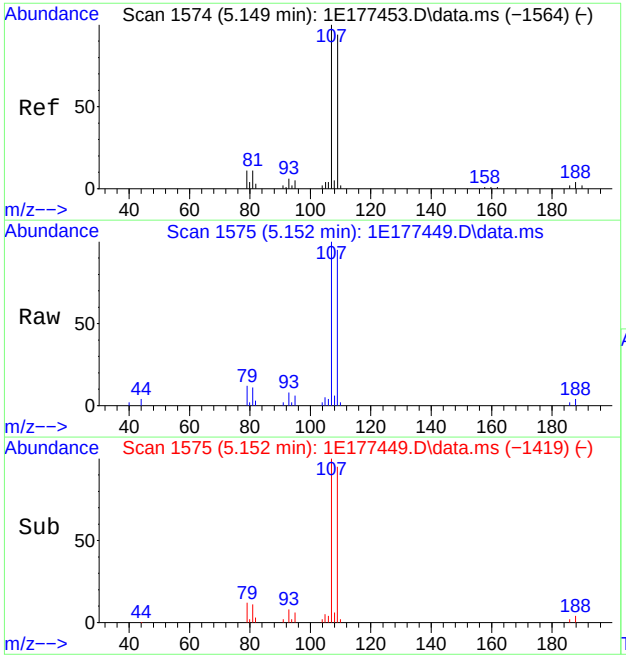


#82
dibromochloromethane
Concen: 7.37 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:129 Resp: 13150

Ion	Ratio	Lower	Upper
129	100		
127	85.6	47.3	107.3
131	26.7	0.0	52.9

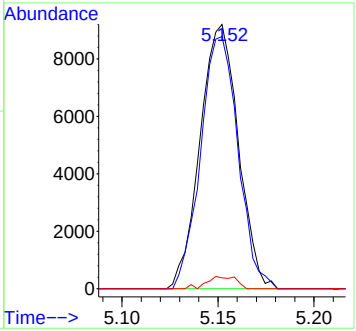


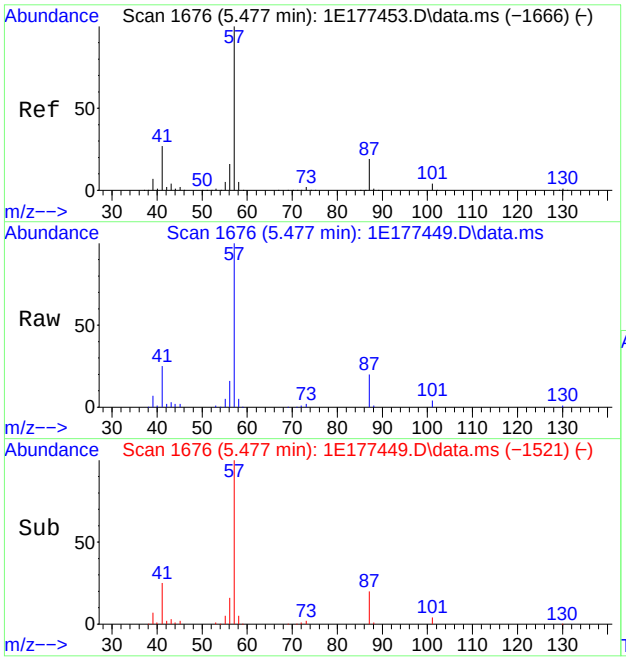


#83
1,2-dibromoethane
Concen: 8.44 ug/L
RT: 5.152 min Scan# 1575
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:107 Resp: 12788

Ion	Ratio	Lower	Upper
107	100		
109	95.4	63.9	123.9
188	4.2	0.0	34.1

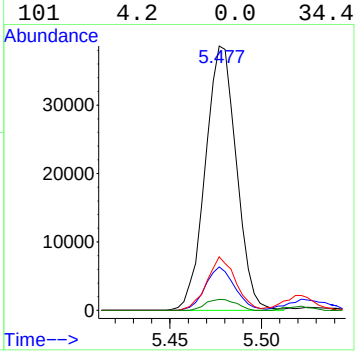


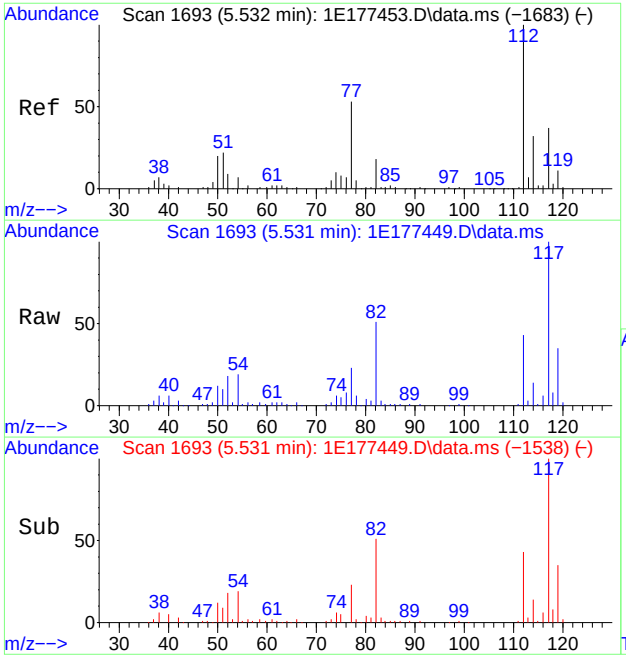


#84
n-butyl ether
Concen: 8.32 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 57 Resp: 45787

Ion	Ratio	Lower	Upper
57	100		
56	16.4	0.0	45.9
87	20.2	0.0	49.2
101	4.2	0.0	34.4

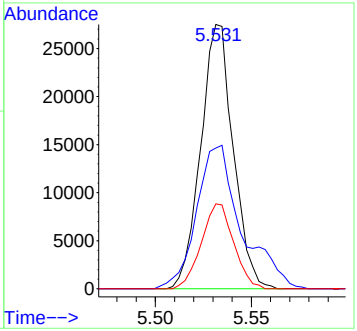


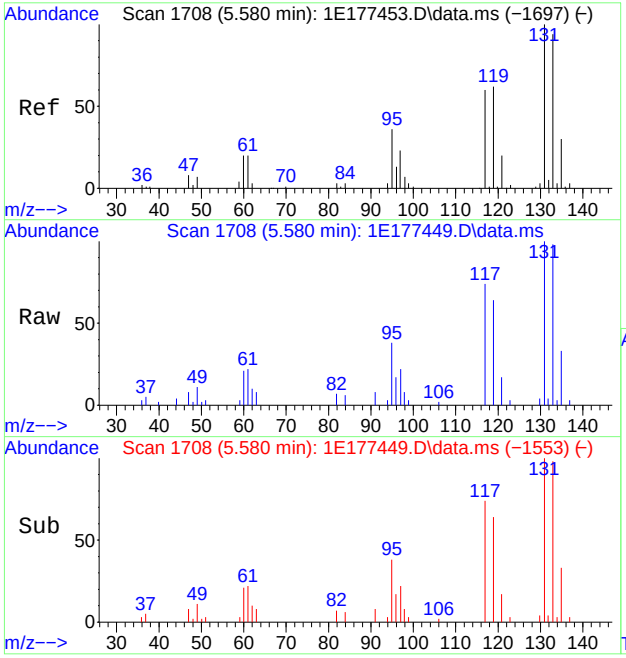


#85
chlorobenzene
Concen: 8.18 ug/L
RT: 5.531 min Scan# 1693
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:112 Resp: 32493

Ion	Ratio	Lower	Upper
112	100		
77	52.1	23.2	83.2
114	32.1	2.3	62.3

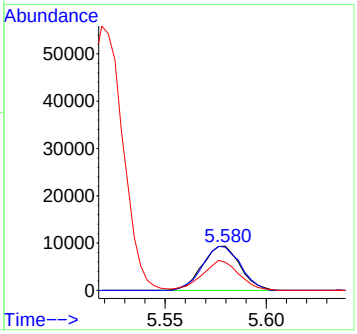


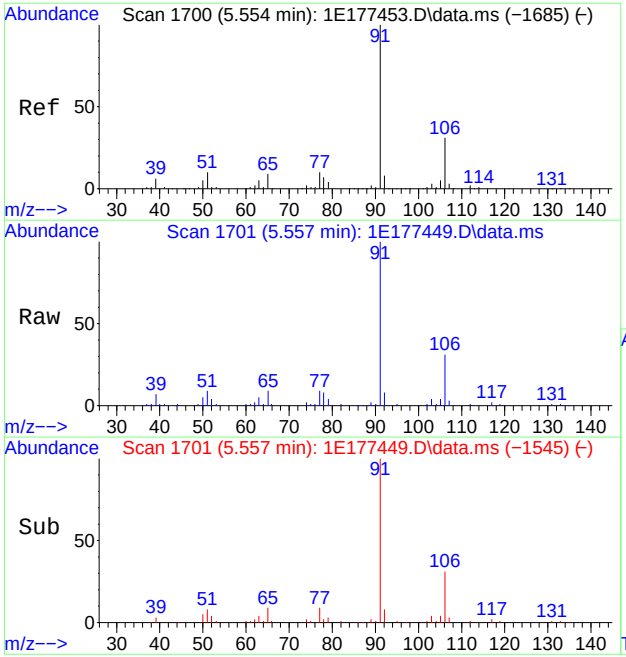


#86
1,1,1,2-tetrachloroethane
Concen: 7.99 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:131 Resp: 12190

Ion	Ratio	Lower	Upper
131	100		
133	97.7	64.5	124.5
119	63.6	33.5	93.5

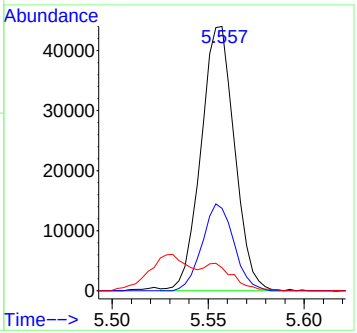


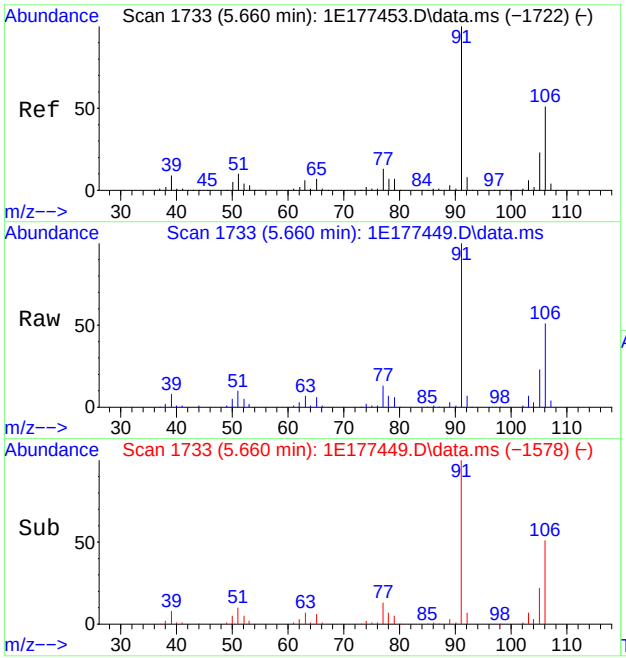


#87
ethylbenzene
Concen: 8.26 ug/L
RT: 5.557 min Scan# 1701
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 91 Resp: 53551

Ion	Ratio	Lower	Upper
91	100		
106	31.2	1.0	61.0
51	8.7	0.0	40.1

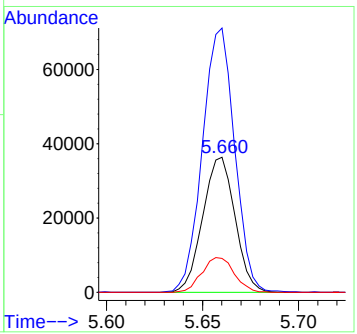


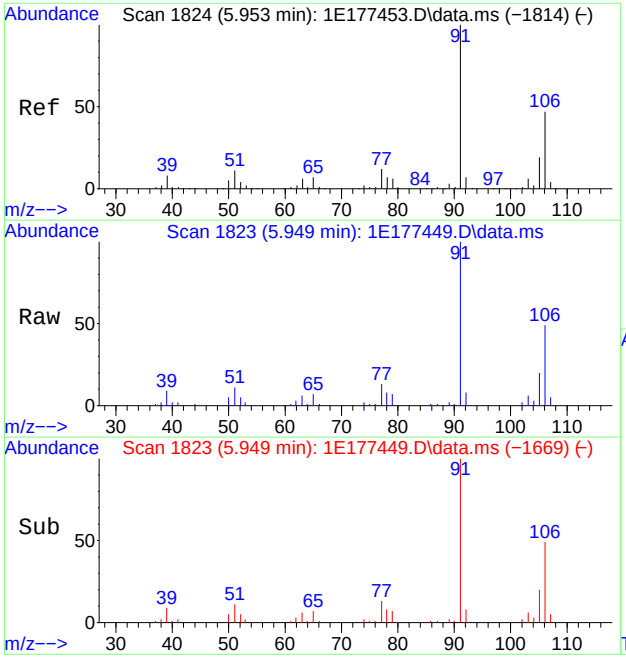


#88
m,p-xylene
Concen: 16.71 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:106 Resp: 42594

Ion	Ratio	Lower	Upper
106	100		
91	195.9	166.4	226.4
77	25.2	5.3	45.3

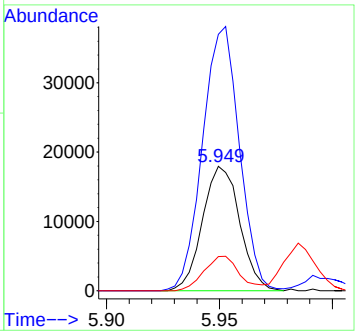


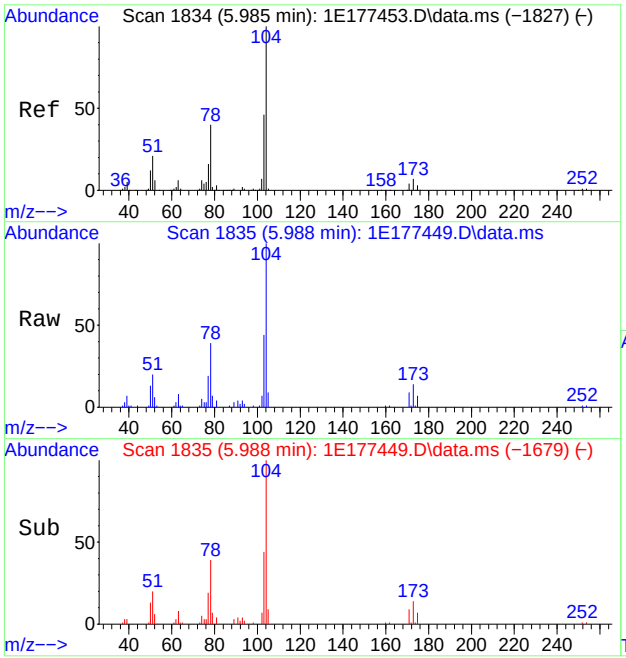


#89
o-xylene
Concen: 8.12 ug/L
RT: 5.949 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:106 Resp: 20544

Ion	Ratio	Lower	Upper
106	100		
91	205.8	184.0	244.0
77	27.5	6.6	46.6

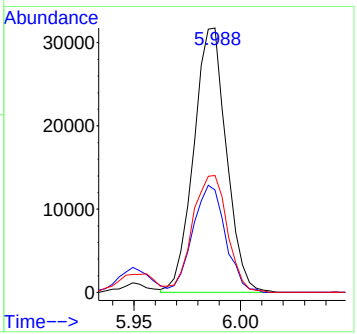




#90
styrene
Concen: 7.99 ug/L
RT: 5.988 min Scan# 1835
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

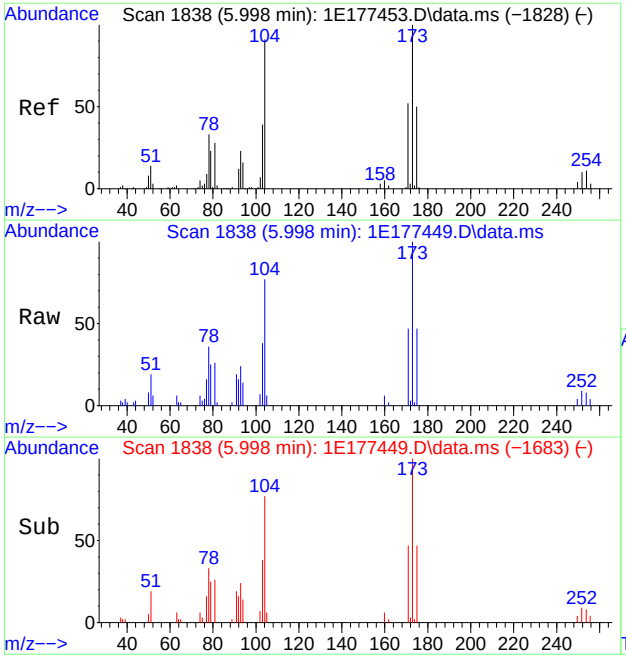
Tgt Ion:104 Resp: 33934

Ion	Ratio	Lower	Upper
104	100		
78	38.7	12.2	72.2
103	44.2	18.0	78.0



7.6.6

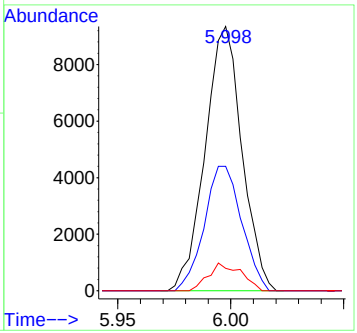
7

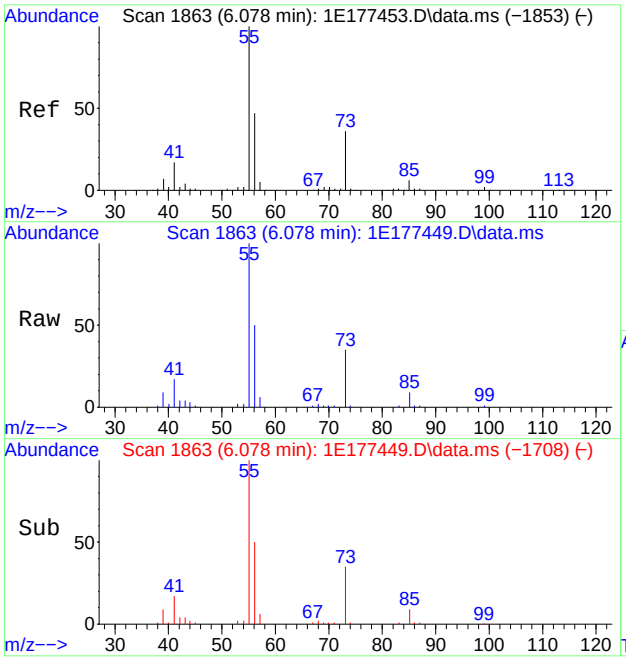


#91
bromoform
Concen: 8.39 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:173 Resp: 10574

Ion	Ratio	Lower	Upper
173	100		
175	47.1	20.2	80.2
254	8.4	0.0	40.9

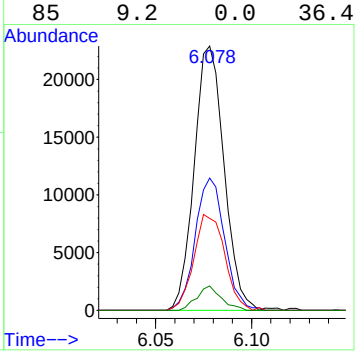


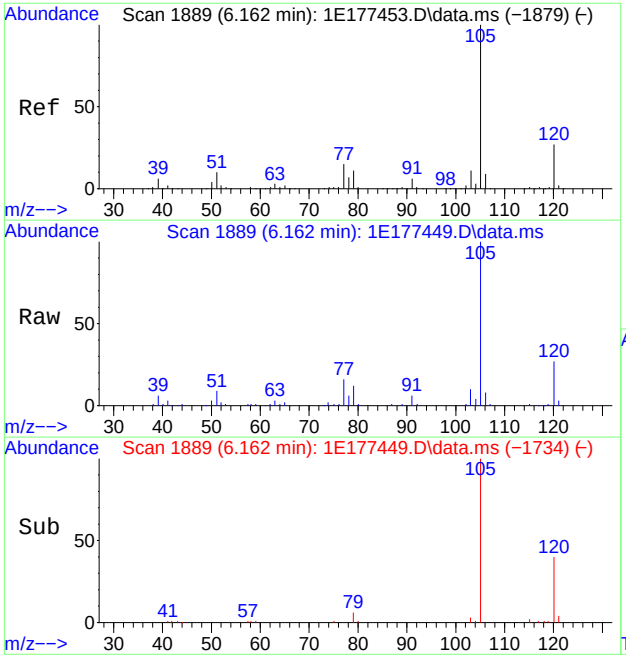


#92
butyl acrylate
Concen: 7.95 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 55 Resp: 24879

Ion	Ratio	Lower	Upper
55	100		
56	50.1	17.5	77.5
73	34.8	5.8	65.8
85	9.2	0.0	36.4

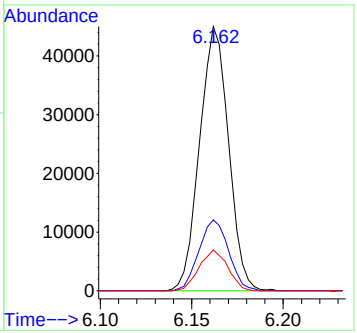


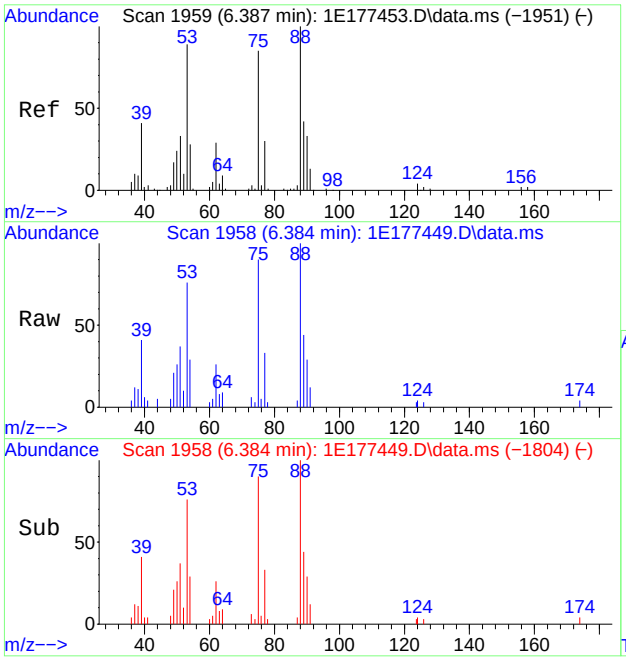


#93
isopropylbenzene
Concen: 8.16 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:105 Resp: 49572

Ion	Ratio	Lower	Upper
105	100		
120	26.9	6.8	46.8
77	15.5	0.0	34.9

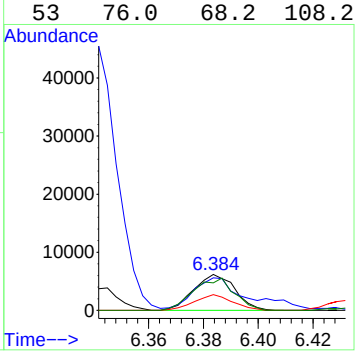


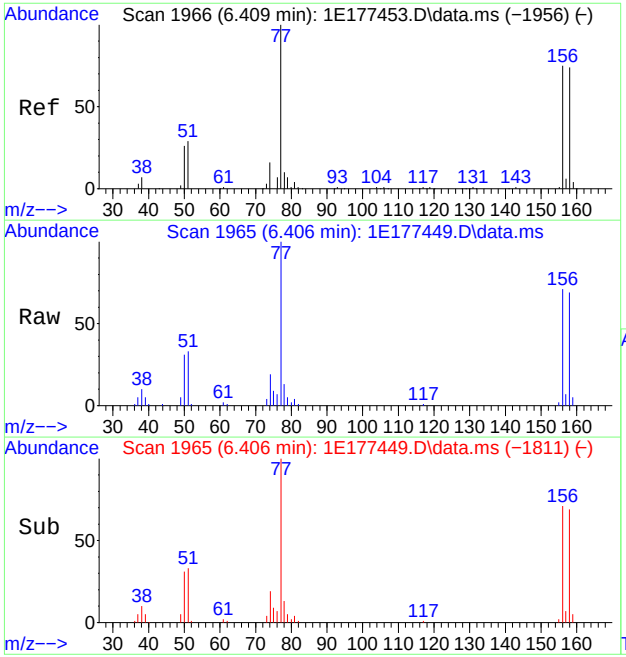


#94
cis-1,4-dichloro-2-butene
Concen: 7.80 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 88 Resp: 6478

Ion	Ratio	Lower	Upper
88	100		
75	84.6	64.1	104.1
89	44.0	22.2	62.2
53	76.0	68.2	108.2

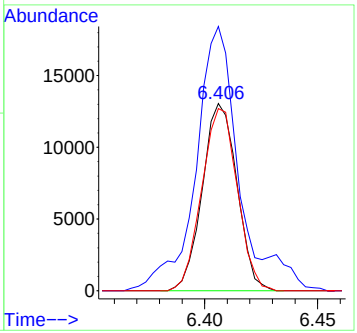


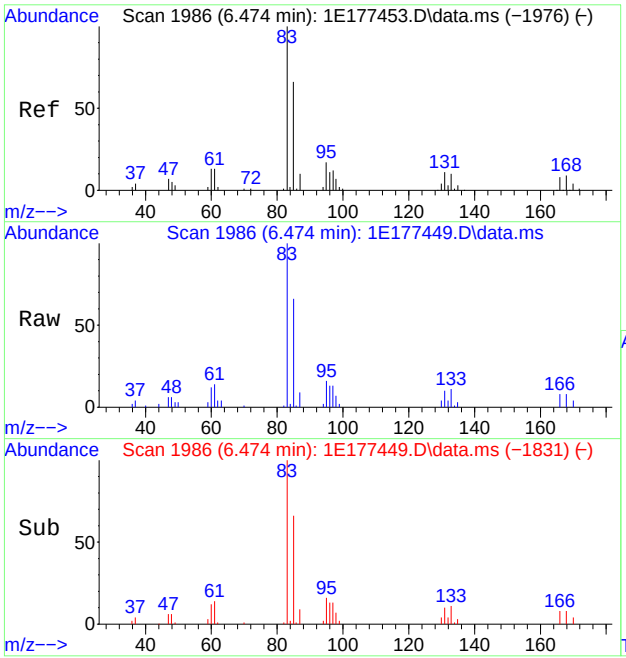


#97
bromobenzene
Concen: 8.19 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:156 Resp: 13882

Ion	Ratio	Lower	Upper
156	100		
77	128.1	106.4	166.4
158	97.3	68.2	128.2

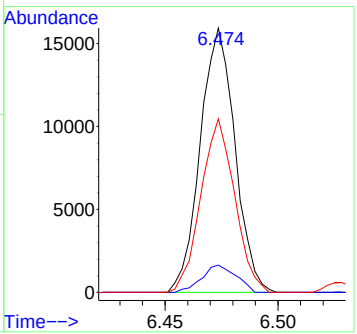


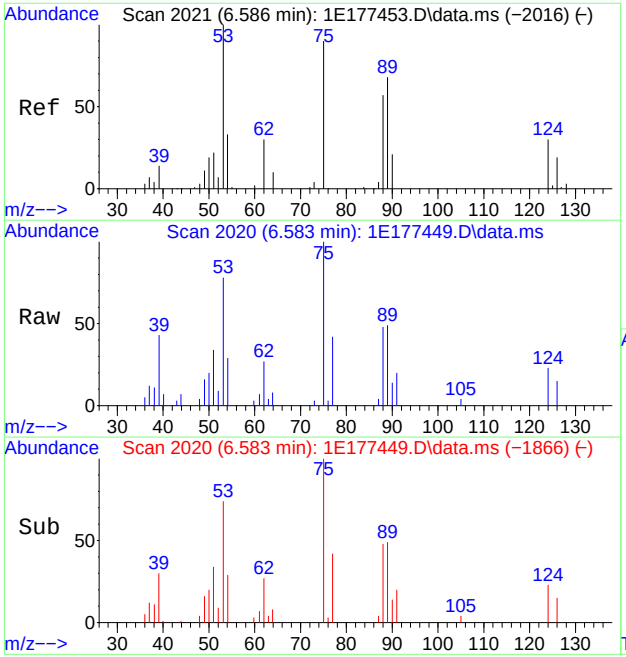


#98
1,1,2,2-tetrachloroethane
Concen: 8.22 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 83 Resp: 17013

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	41.0
85	65.6	36.4	96.4

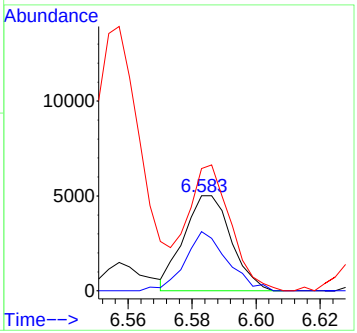


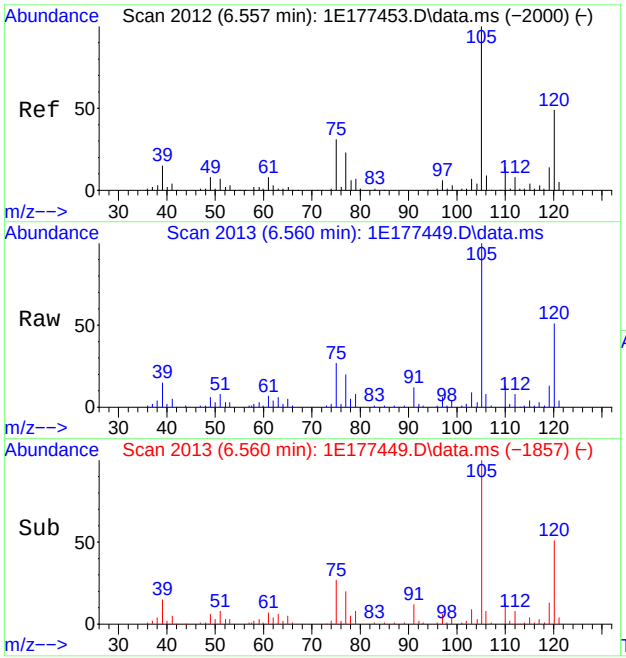


#99
trans-1,4-dichloro-2-butene
Concen: 7.60 ug/L
RT: 6.583 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 53 Resp: 5166

Ion	Ratio	Lower	Upper
53	100		
88	62.1	22.7	82.7
75	128.5	94.8	154.8

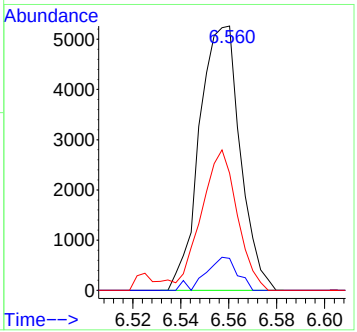




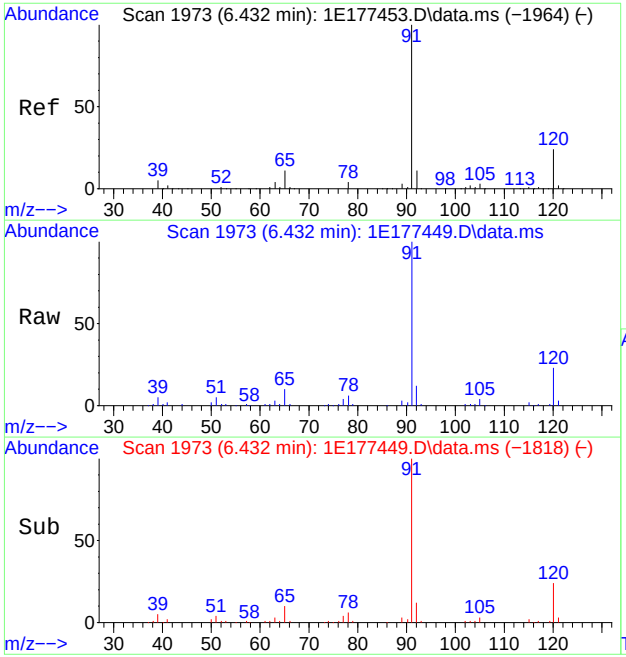
#100
1,2,3-trichloropropane
Concen: 8.12 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. 0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:110 Resp: 6202

Ion	Ratio	Lower	Upper
110	100		
111	12.1	0.0	38.2
97	44.4	14.3	74.3



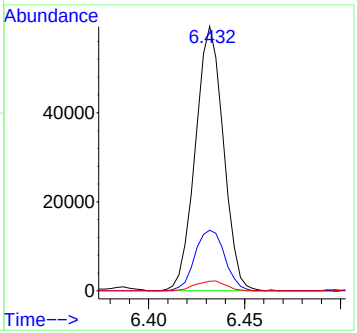
7.6.6

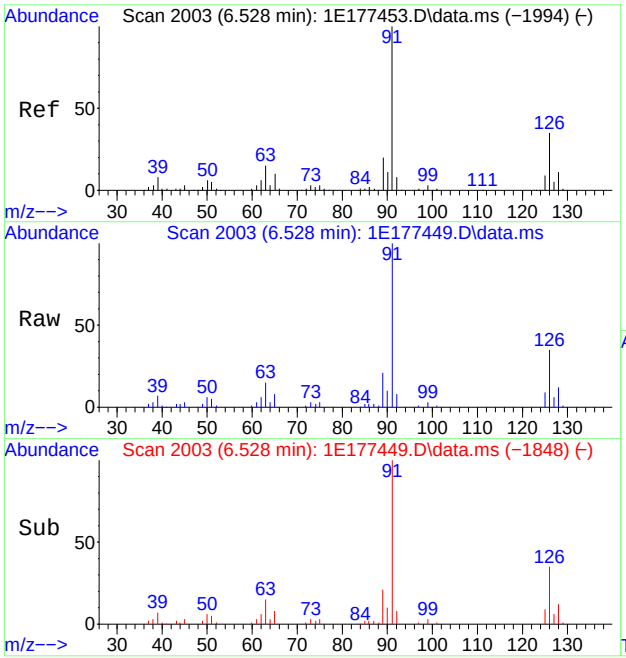


#101
n-propylbenzene
Concen: 8.03 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 91 Resp: 60279

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	53.6
105	3.6	0.0	33.5

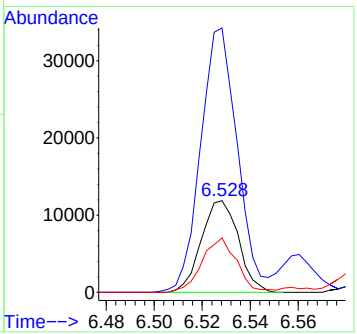


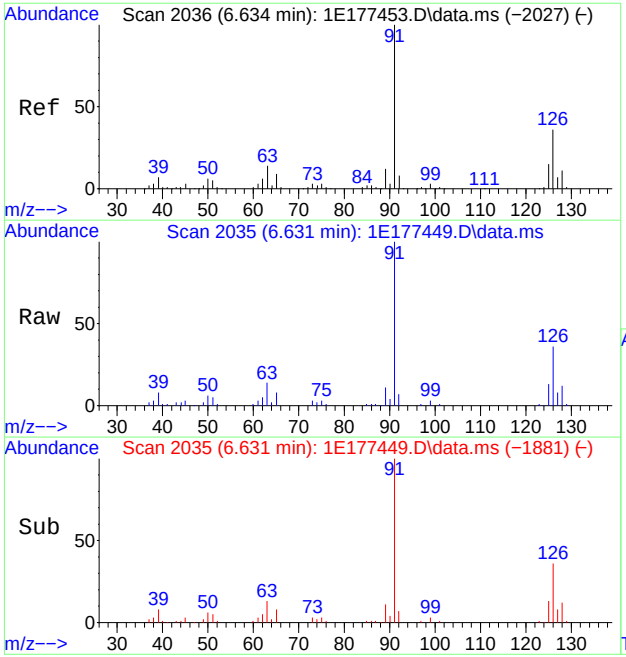


#102
2-chlorotoluene
Concen: 7.88 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:126 Resp: 12752

Ion	Ratio	Lower	Upper
126	100		
91	286.7	257.7	317.7
89	59.3	26.9	86.9

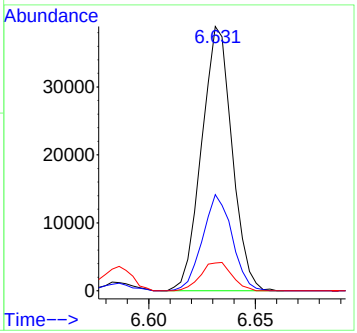


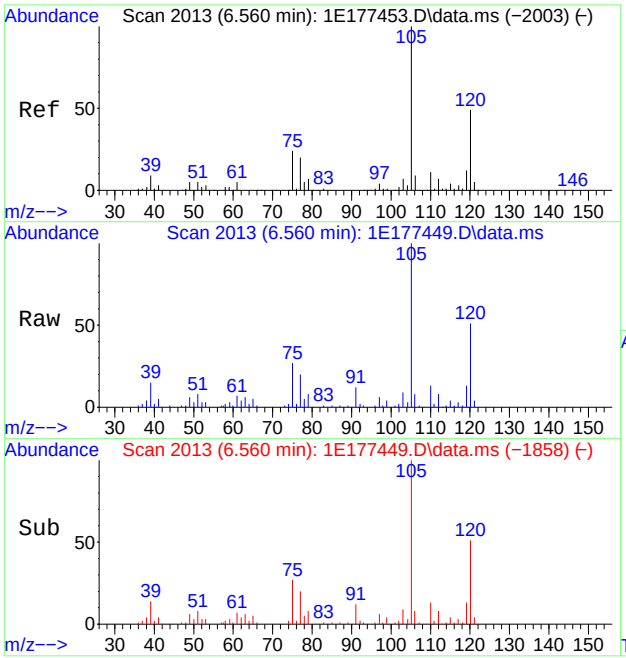


#103
4-chlorotoluene
Concen: 7.92 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion: 91 Resp: 38691

Ion	Ratio	Lower	Upper
91	100		
126	36.3	5.7	65.7
89	10.5	0.0	41.7

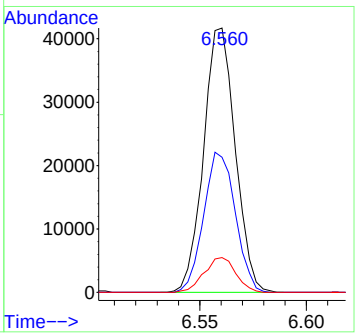


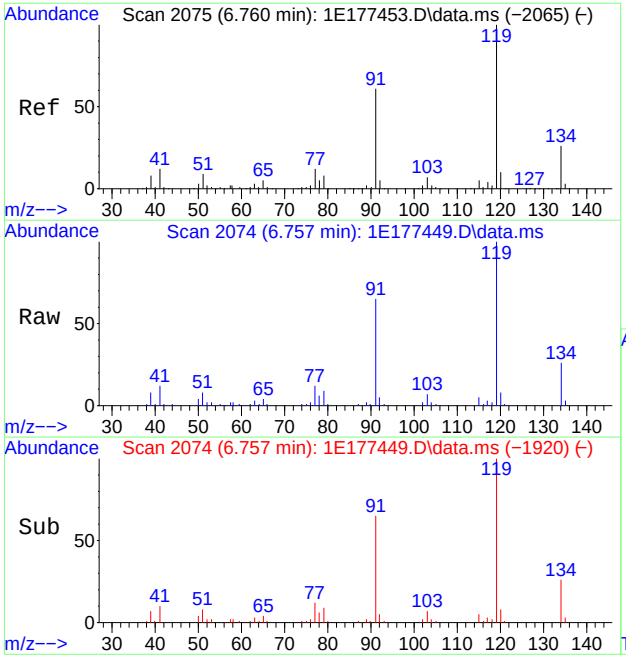


#104
1,3,5-trimethylbenzene
Concen: 7.92 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:105 Resp: 43193

Ion	Ratio	Lower	Upper
105	100		
120	51.2	18.8	78.8
119	13.2	0.0	42.5

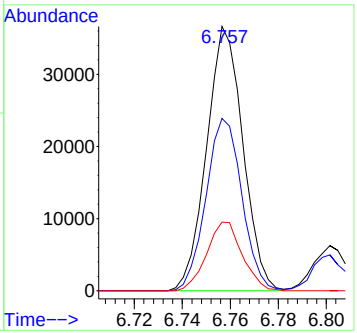


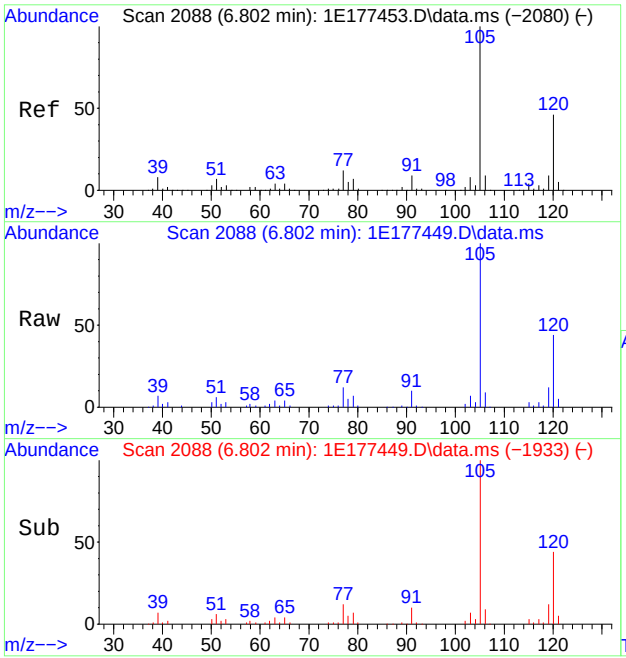


#105
tert-butylbenzene
Concen: 8.24 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:119 Resp: 38561

Ion	Ratio	Lower	Upper
119	100		
91	65.2	30.8	90.8
134	26.0	0.0	55.6

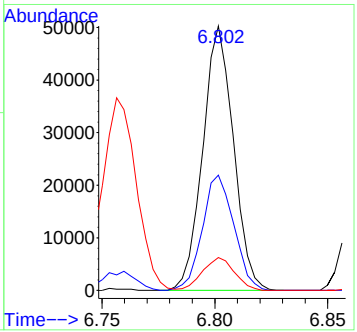


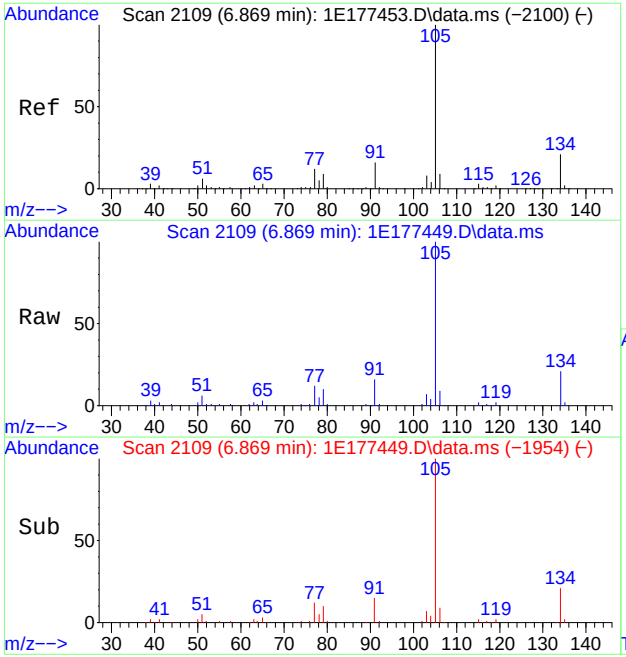


#106
1,2,4-trimethylbenzene
Concen: 8.56 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:105 Resp: 47363

Ion	Ratio	Lower	Upper
105	100		
120	43.5	16.7	76.7
119	12.4	0.0	42.3

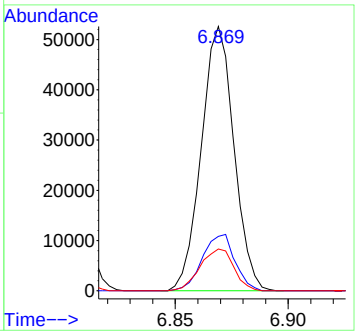


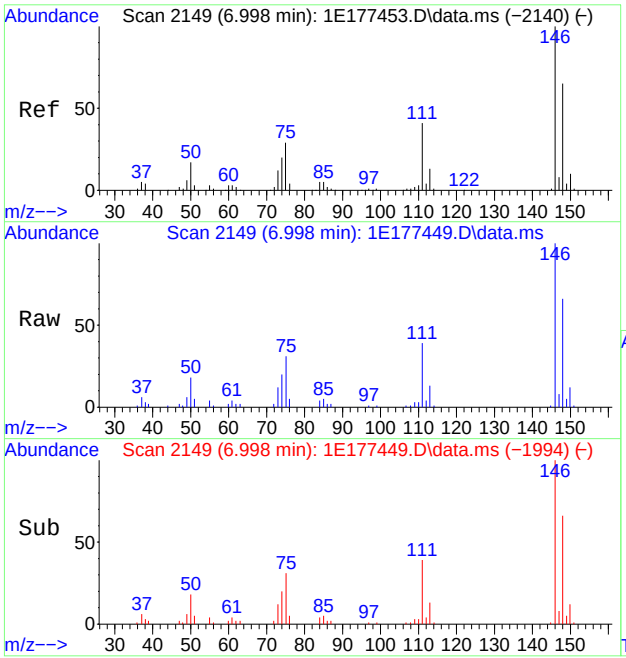


#107
sec-butylbenzene
Concen: 7.99 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:105 Resp: 52710

Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	51.2
91	15.8	0.0	46.0

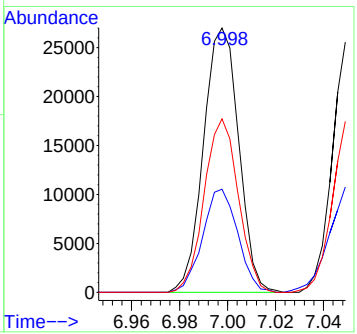


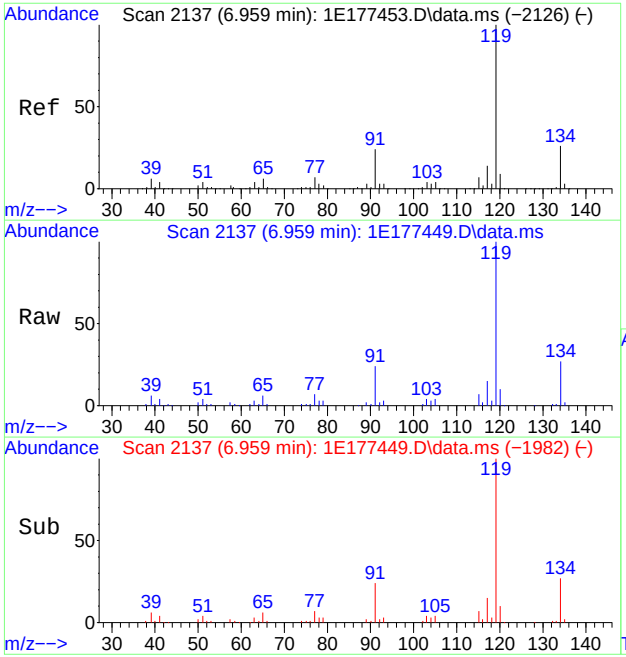


#108
1,3-dichlorobenzene
Concen: 8.49 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:146 Resp: 27510

Ion	Ratio	Lower	Upper
146	100		
111	39.0	11.3	71.3
148	65.6	34.9	94.9

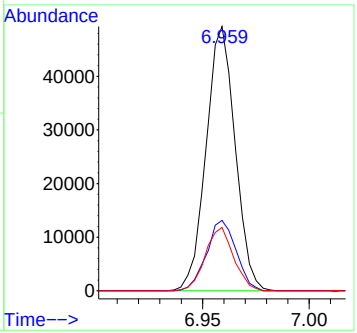


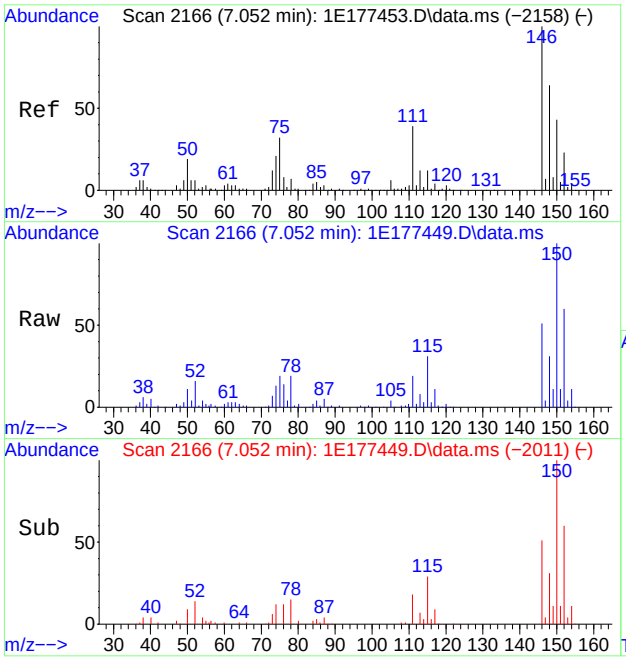


#109
p-isopropyltoluene
Concen: 8.51 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:119 Resp: 46796

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	56.2
91	23.9	0.0	53.6

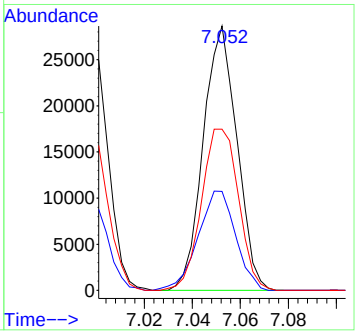


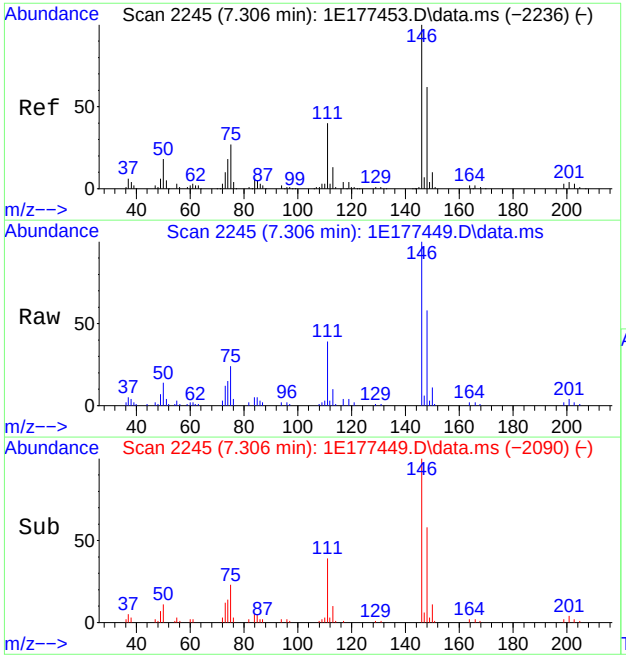


#110
1,4-dichlorobenzene
Concen: 7.78 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:146 Resp: 27922

Ion	Ratio	Lower	Upper
146	100		
111	37.5	9.4	69.4
148	60.9	34.4	94.4

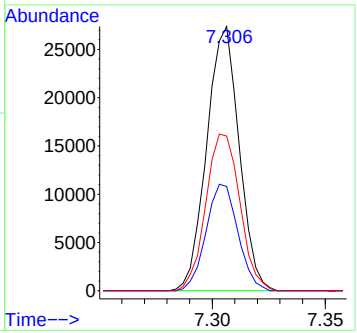


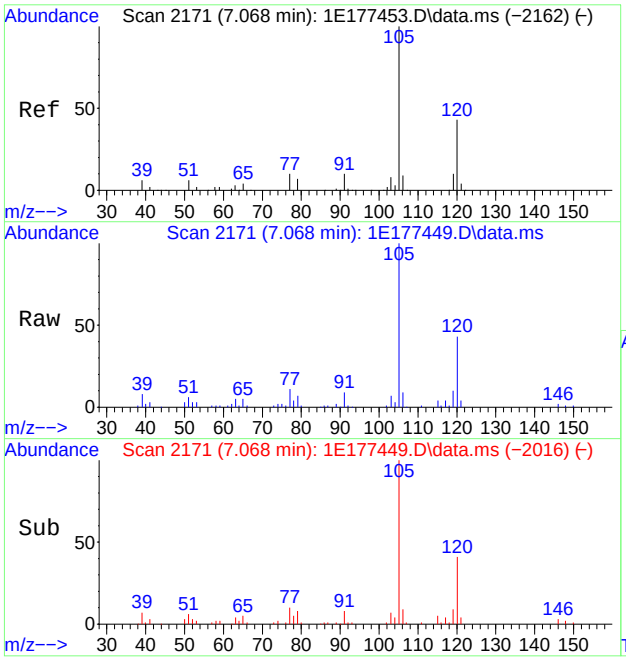


#111
1,2-dichlorobenzene
Concen: 8.25 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:146 Resp: 27257

Ion	Ratio	Lower	Upper
146	100		
111	39.4	10.1	70.1
148	58.5	31.9	91.9

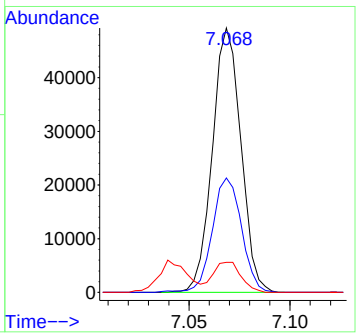


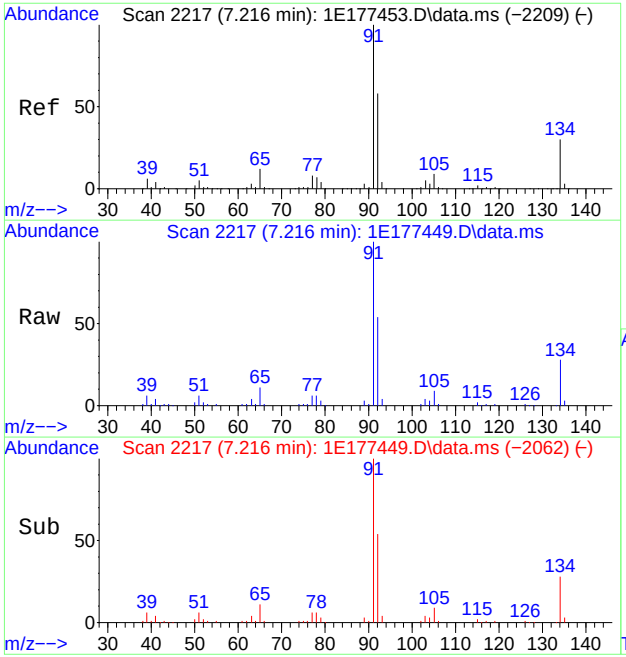


#112
1,2,3-trimethylbenzene
Concen: 8.34 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:105 Resp: 48337

Ion	Ratio	Lower	Upper
105	100		
120	43.3	13.3	73.3
77	11.4	0.0	41.9

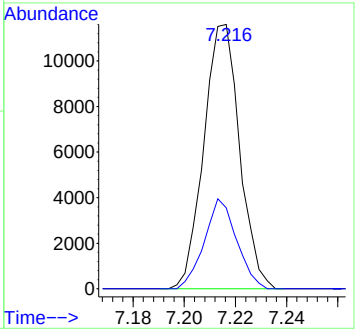


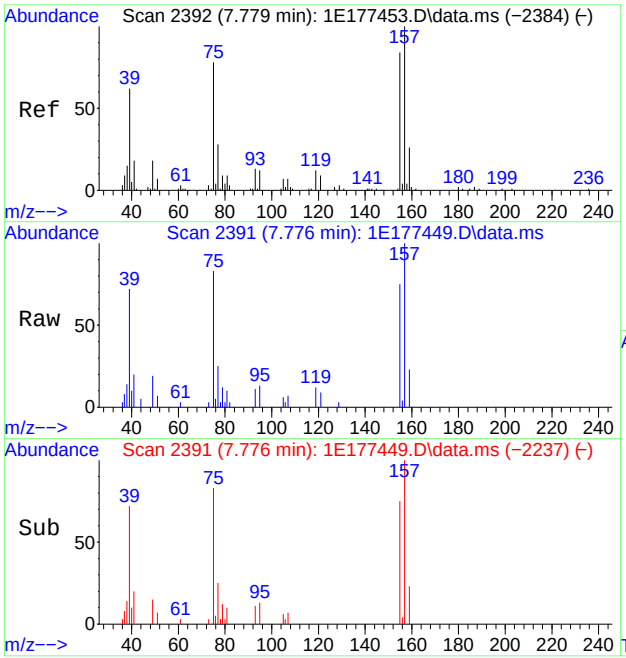


#113
n-butylbenzene
Concen: 8.61 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:134 Resp: 11289

Ion	Ratio	Lower	Upper
134	100		
105	30.7	0.7	60.7

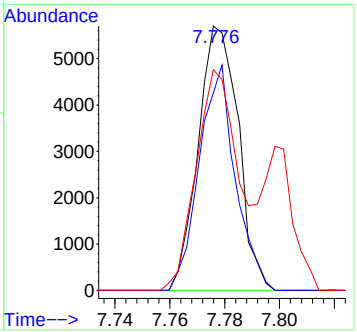


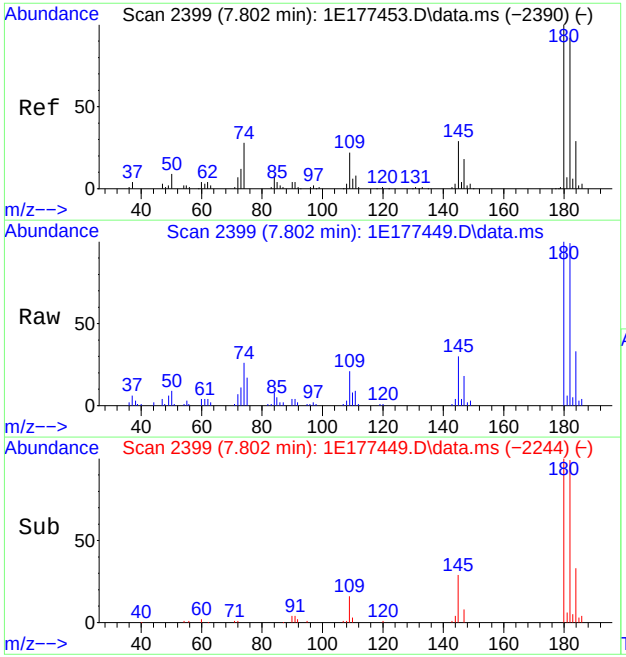


#114
1,2-dibromo-3-chloropropane
Concen: 8.08 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:157 Resp: 5803

Ion	Ratio	Lower	Upper
157	100		
155	74.6	54.1	114.1
75	83.4	48.2	108.2

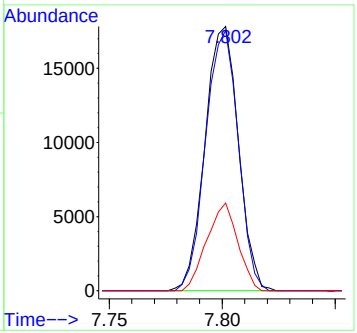


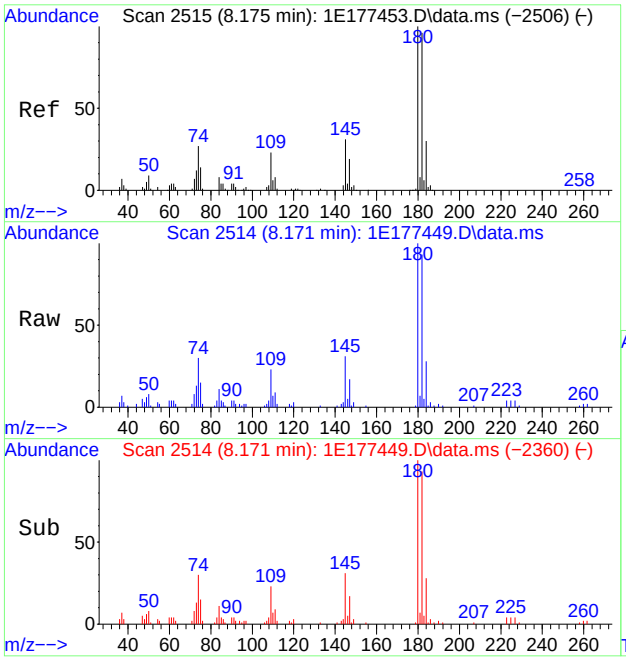


#115
1,3,5-trichlorobenzene
Concen: 8.22 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:180 Resp: 18303

Ion	Ratio	Lower	Upper
180	100		
182	98.5	71.6	111.6
184	33.2	9.2	49.2

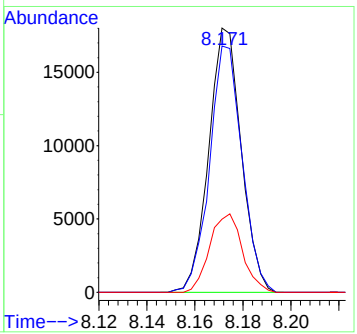


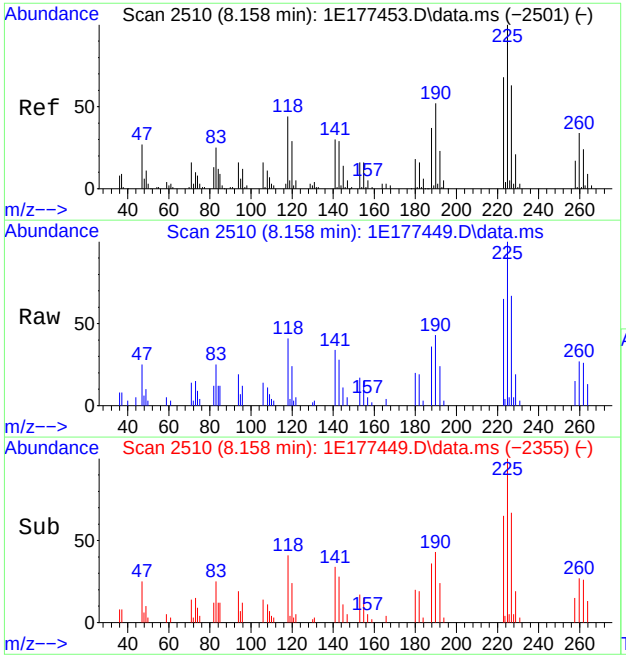


#116
1,2,4-trichlorobenzene
Concen: 8.00 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:180 Resp: 16939

Ion	Ratio	Lower	Upper
180	100		
182	93.2	65.8	125.8
184	27.7	0.0	59.9

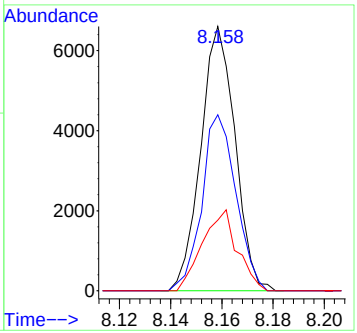


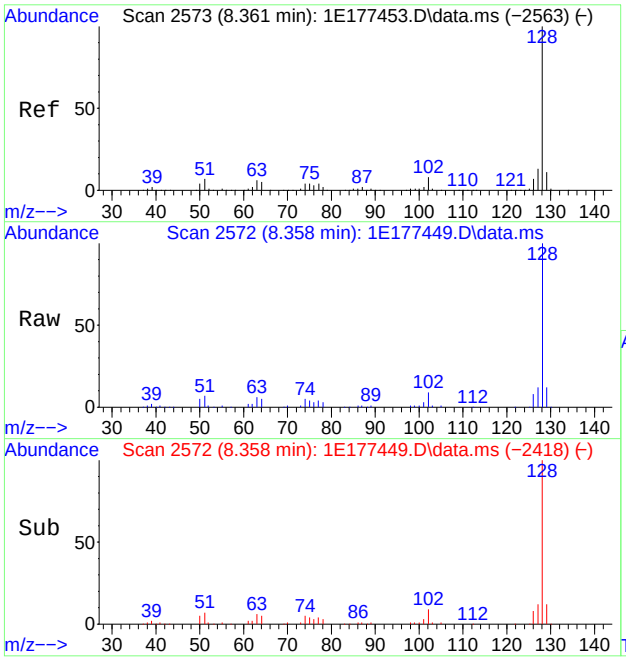


#117
hexachlorobutadiene
Concen: 8.35 ug/L
RT: 8.158 min Scan# 2510
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:225 Resp: 6166

Ion	Ratio	Lower	Upper
225	100		
227	66.5	32.9	92.9
260	26.8	3.9	63.9

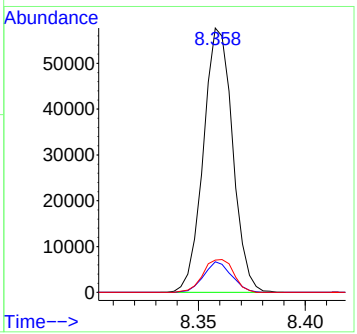


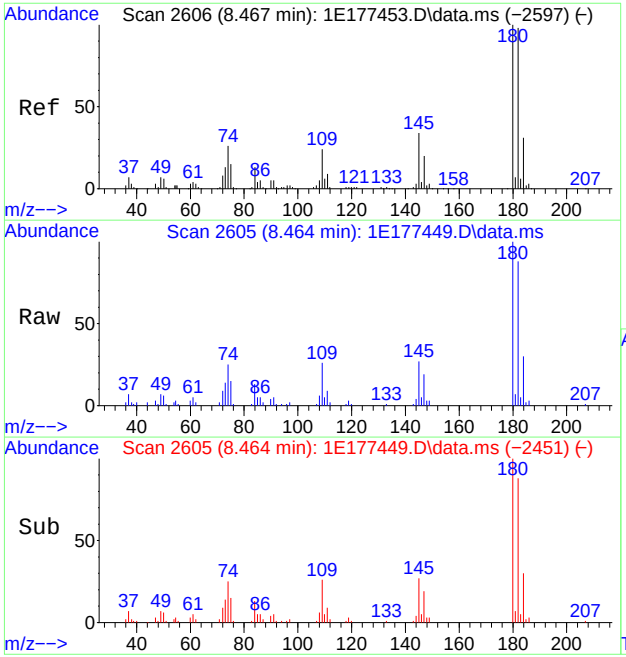


#118
naphthalene
Concen: 7.86 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:128 Resp: 55029

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	40.8
127	12.2	0.0	42.7

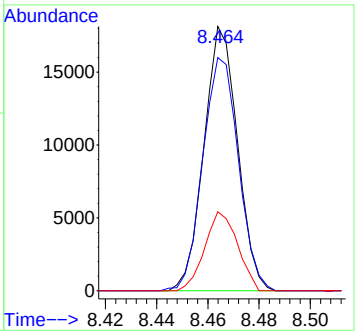


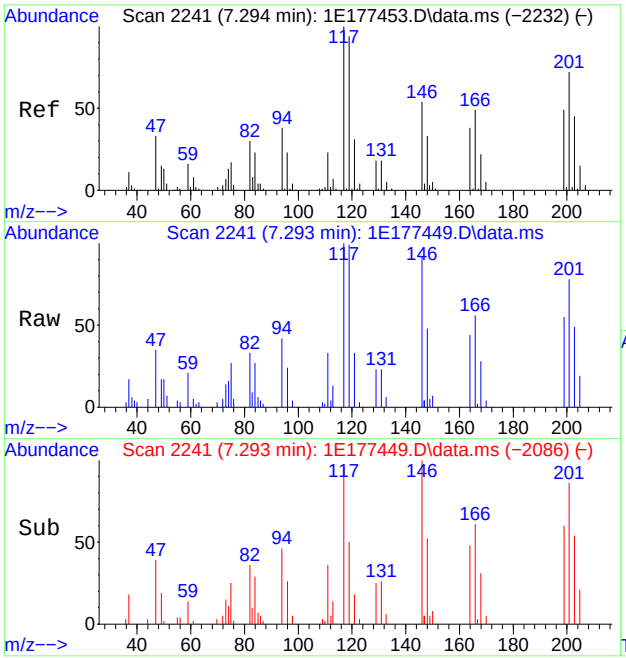


#119
1,2,3-trichlorobenzene
Concen: 8.20 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:180 Resp: 16541

Ion	Ratio	Lower	Upper
180	100		
182	88.2	67.6	127.6
184	29.9	1.0	61.0

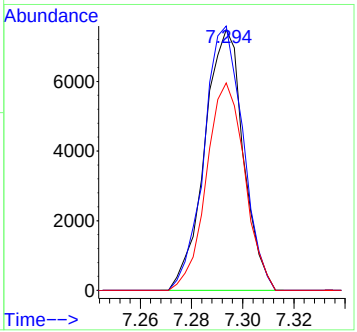


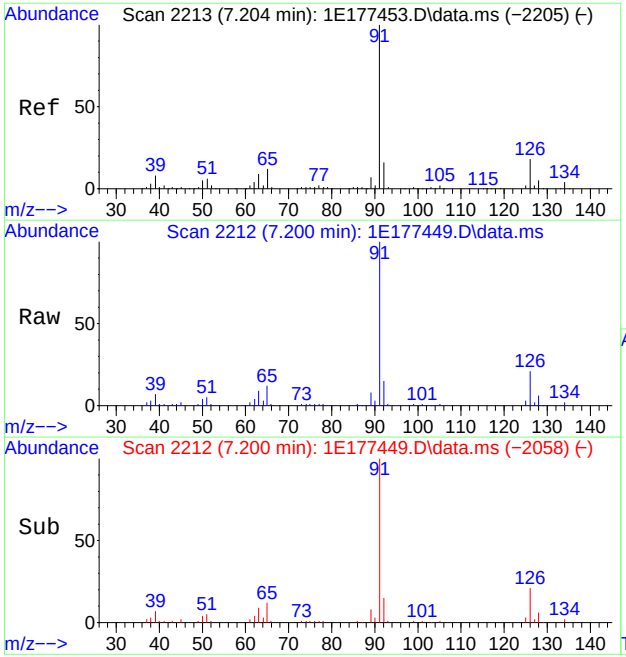


#120
hexachloroethane
Concen: 7.85 ug/L
RT: 7.293 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:119 Resp: 7852

Ion	Ratio	Lower	Upper
119	100		
117	101.4	75.9	135.9
201	79.5	46.7	106.7

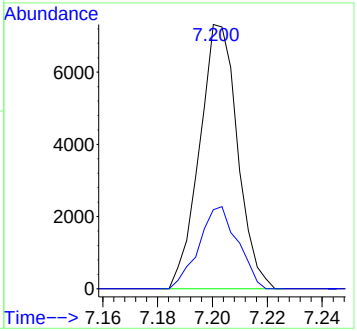


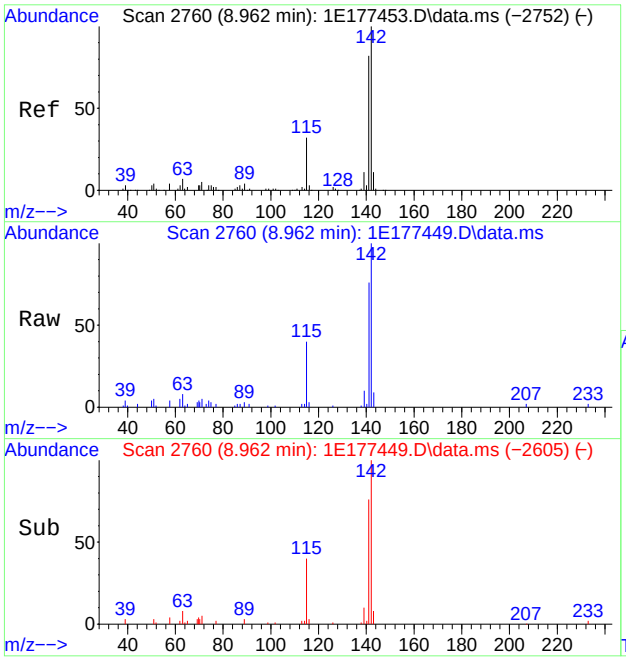


#121
benzyl chloride
Concen: 8.20 ug/L
RT: 7.200 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:126 Resp: 7047

Ion	Ratio	Lower	Upper
126	100		
128	29.9	0.9	60.9

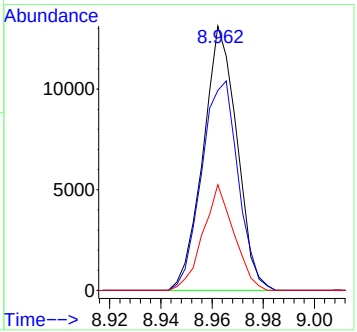




#122
2-methylnaphthalene
Concen: 3.94 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. -0.000 min
Lab File: 1E177449.D
Acq: 26 Oct 2023 06:36 pm

Tgt Ion:142 Resp: 12044

Ion	Ratio	Lower	Upper
142	100		
141	75.6	52.4	112.4
115	40.0	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177451.D
Acq On : 26 Oct 2023 07:03 pm
Operator : louied
Sample : ic8736-20
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 27 17:35:26 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	75299	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	112485	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.422	114	230135	50.00	ug/L		0.00
72) chlorobenzene-d5	5.519	117	210215	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	113852	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	73468	48.15	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 96.30%				
51) 1,2-dichloroethane-d4 (s)	3.143	65	79674	51.36	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 102.72%				
73) toluene-d8 (s)	4.361	98	262843	50.11	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%				
96) 4-bromofluorobenzene (s)	6.342	95	101912	50.91	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 101.82%				
Target Compounds							Qvalue
2) ethanol	1.651	45	19876	1591.59	ug/L		100
3) tertiary butyl alcohol	2.107	59	23677	102.21	ug/L		86
4) 1,4-dioxane	3.914	88	5673	550.82	ug/L		89
6) chlorodifluoromethane	1.091	51	31629	20.43	ug/L		89
7) dichlorodifluoromethane	1.046	85	39298	20.57	ug/L		99
8) chloromethane	1.165	50	23732	21.80	ug/L		91
9) vinyl chloride	1.188	62	30250	23.19	ug/L		98
10) 1,3-butadiene	1.194	39	21529	17.52	ug/L		91
11) bromomethane	1.345	96	6746	24.60	ug/L	#	96
12) chloroethane	1.406	64	16846	19.67	ug/L		94
13) trichlorofluoromethane	1.471	101	46728	21.84	ug/L		98
14) ethyl ether	1.602	74	15000	20.55	ug/L		92
15) acrolein	1.850	56	5919	18.49	ug/L		93
16) freon 113	1.715	151	21015	22.14	ug/L		97
17) 1,1-dichloroethene	1.702	61	34635	20.04	ug/L		97
18) acetone	1.979	58	25654	72.13	ug/L		98
19) acetonitrile	2.200	41	37347	184.78	ug/L		96
21) carbon disulfide	1.728	76	61540	19.29	ug/L		99
22) methylene chloride	1.962	84	25609	19.32	ug/L		96
23) methyl acetate	2.030	74	6887	20.57	ug/L	#	84
24) methyl tert butyl ether	2.081	73	81283	19.68	ug/L		94
25) trans-1,2-dichloroethene	2.036	61	35190	20.73	ug/L		94
26) hexane	2.072	57	55948	19.19	ug/L		97
27) di-isopropyl ether	2.258	45	82527	19.99	ug/L		95
28) ethyl tert-butyl ether	2.438	59	89395	20.30	ug/L		98
29) 2-butanone	2.901	72	30155	81.43	ug/L		88
30) 1,1-dichloroethane	2.335	63	48495	20.36	ug/L		98
31) chloroprene	2.319	53	40467	19.58	ug/L		95
32) acrylonitrile	2.355	52	12030	20.57	ug/L		96
33) vinyl acetate	2.438	86	6623	23.22	ug/L	#	56
34) ethyl acetate	2.789	70	4524	21.51	ug/L		90
35) 2,2-dichloropropane	2.667	77	39230	19.37	ug/L		98
36) cis-1,2-dichloroethene	2.602	96	30579	20.54	ug/L		98
37) propionitrile	3.072	54	63161	195.41	ug/L		94
38) methyl acrylate	2.799	85	7341	22.46	ug/L		98
39) bromochloromethane	2.708	128	15716	20.16	ug/L		96
40) tetrahydrofuran	2.834	71	5686	20.06	ug/L		89
41) chloroform	2.741	47	13367	17.81	ug/L		93
43) methacrylonitrile	3.085	67	16970	19.77	ug/L		96
44) 1,1,1-trichloroethane	2.863	97	47263	20.51	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177451.D
Acq On : 26 Oct 2023 07:03 pm
Operator : louied
Sample : ic8736-20
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 27 17:35:26 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	43621	22.39	ug/L		97
46) 1,1-dichloropropene	2.927	75	37997	21.00	ug/L		97
47) carbon tetrachloride	2.831	117	42477	19.38	ug/L		97
48) isobutyl alcohol	3.155	43	15828	167.45	ug/L		96
49) tert-amyl alcohol	3.223	55	9197	93.82	ug/L		93
52) iso-octane	2.988	57	88954	21.55	ug/L		99
53) benzene	3.072	78	108044	21.08	ug/L		99
54) tert-amyl methyl ether	3.126	73	90038	21.37	ug/L		98
55) heptane	3.036	57	16501	21.43	ug/L		87
56) isopropyl acetate	3.307	87	10058	22.40	ug/L	#	89
57) 1,2-dichloroethane	3.184	62	41453	19.58	ug/L		97
58) n-butyl alcohol	3.586	56	48956	911.42	ug/L		99
59) ethyl acrylate	3.737	55	48819	20.35	ug/L		98
60) trichloroethene	3.413	130	33352	21.62	ug/L		97
61) 2-nitropropane	4.561	41	13558	17.24	ug/L		97
62) 2-chloroethyl vinyl ether	4.171	63	95176	113.89	ug/L		99
63) methyl methacrylate	3.879	100	11228	21.18	ug/L		89
64) 1,2-dichloropropane	3.747	63	27932	20.87	ug/L		99
65) methylcyclohexane	3.419	98	23557	21.42	ug/L	#	97
66) dibromomethane	3.680	93	20479	20.34	ug/L		96
67) bromodichloromethane	3.782	83	41761	21.43	ug/L		98
68) epichlorohydrin	4.397	57	23854	97.36	ug/L		98
69) cis-1,3-dichloropropene	4.223	75	48056	21.00	ug/L		98
70) 4-methyl-2-pentanone	4.679	58	67589	85.40	ug/L		100
71) 3-methyl-1-butanol	4.512	70	23330	393.00	ug/L		92
74) toluene	4.400	92	71834	21.14	ug/L		100
75) ethyl methacrylate	4.837	69	42130	21.00	ug/L		93
76) trans-1,3-dichloropropene	4.712	75	46707	21.18	ug/L		99
77) 1,1,2-trichloroethane	4.834	83	23635	19.58	ug/L		97
78) tetrachloroethene	4.699	166	32826	20.24	ug/L		98
79) 2-hexanone	5.313	58	81341	82.45	ug/L		96
80) 1,3-dichloropropane	5.046	76	46936	20.30	ug/L		97
81) butyl acetate	5.252	56	24208	20.70	ug/L		96
82) dibromochloromethane	4.975	129	35746	20.27	ug/L		96
83) 1,2-dibromoethane	5.149	107	32215	21.03	ug/L		96
84) n-butyl ether	5.477	57	120186	21.69	ug/L		97
85) chlorobenzene	5.532	112	82626	20.69	ug/L		97
86) 1,1,1,2-tetrachloroethane	5.580	131	32419	21.22	ug/L		96
87) ethylbenzene	5.554	91	139028	21.31	ug/L		98
88) m,p-xylene	5.657	106	109799	42.73	ug/L		95
89) o-xylene	5.950	106	54177	21.33	ug/L		98
90) styrene	5.985	104	88812	20.88	ug/L		96
91) bromoform	5.998	173	26387	20.74	ug/L		96
92) butyl acrylate	6.078	55	64908	20.72	ug/L		97
93) isopropylbenzene	6.162	105	131520	21.54	ug/L		97
94) cis-1,4-dichloro-2-butene	6.387	88	17244	20.83	ug/L		99
97) bromobenzene	6.406	156	36675	21.84	ug/L		93
98) 1,1,2,2-tetrachloroethane	6.474	83	42635	20.80	ug/L		98
99) trans-1,4-dichloro-2-b...	6.586	53	14344	21.65	ug/L		100
100) 1,2,3-trichloropropane	6.557	110	15620	20.66	ug/L		94
101) n-propylbenzene	6.432	91	160243	21.62	ug/L		100
102) 2-chlorotoluene	6.528	126	32975	20.70	ug/L		96
103) 4-chlorotoluene	6.634	91	100102	20.80	ug/L		99
104) 1,3,5-trimethylbenzene	6.560	105	116399	21.66	ug/L		99
105) tert-butylbenzene	6.760	119	100721	21.70	ug/L		97
106) 1,2,4-trimethylbenzene	6.802	105	121289	21.99	ug/L		100
107) sec-butylbenzene	6.869	105	141336	21.72	ug/L		99
108) 1,3-dichlorobenzene	6.998	146	69733	21.62	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177451.D
Acq On : 26 Oct 2023 07:03 pm
Operator : louied
Sample : ic8736-20
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 27 17:35:26 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

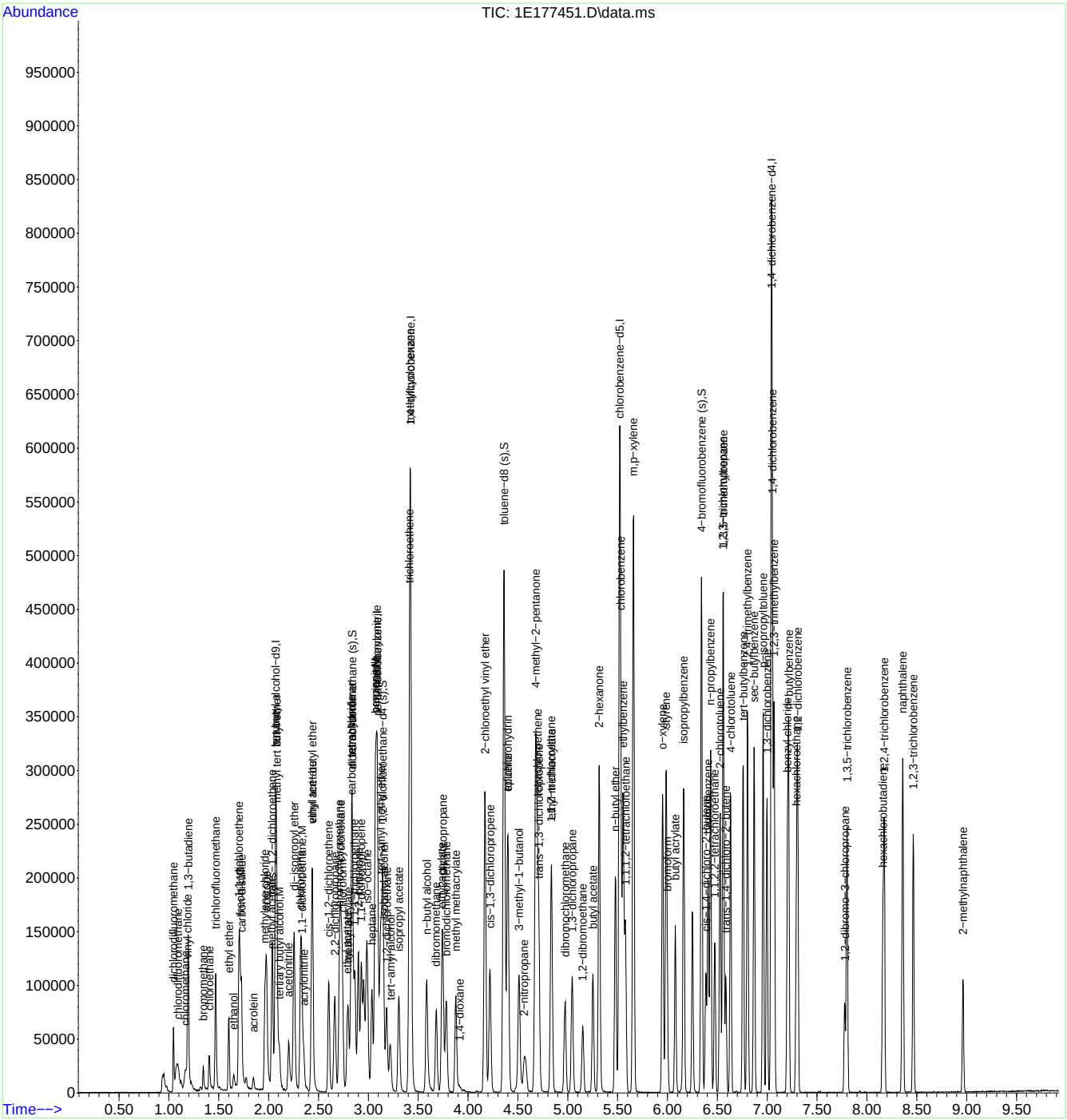
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	125091	22.84	ug/L	98
110) 1,4-dichlorobenzene	7.052	146	70234	19.92	ug/L	99
111) 1,2-dichlorobenzene	7.306	146	66766	20.38	ug/L	96
112) 1,2,3-trimethylbenzene	7.068	105	124977	21.73	ug/L	97
113) n-butylbenzene	7.216	134	29795	22.74	ug/L	100
114) 1,2-dibromo-3-chloropr...	7.779	157	14754	20.78	ug/L	91
115) 1,3,5-trichlorobenzene	7.802	180	47995	21.75	ug/L	98
116) 1,2,4-trichlorobenzene	8.171	180	44635	21.37	ug/L	95
117) hexachlorobutadiene	8.158	225	16388	22.30	ug/L	97
118) naphthalene	8.358	128	144122	20.92	ug/L	99
119) 1,2,3-trichlorobenzene	8.464	180	41720	20.89	ug/L	98
120) hexachloroethane	7.294	119	21459	21.80	ug/L	95
121) benzyl chloride	7.204	126	18115	21.28	ug/L	91
122) 2-methylnaphthalene	8.962	142	30980	10.29	ug/L	99

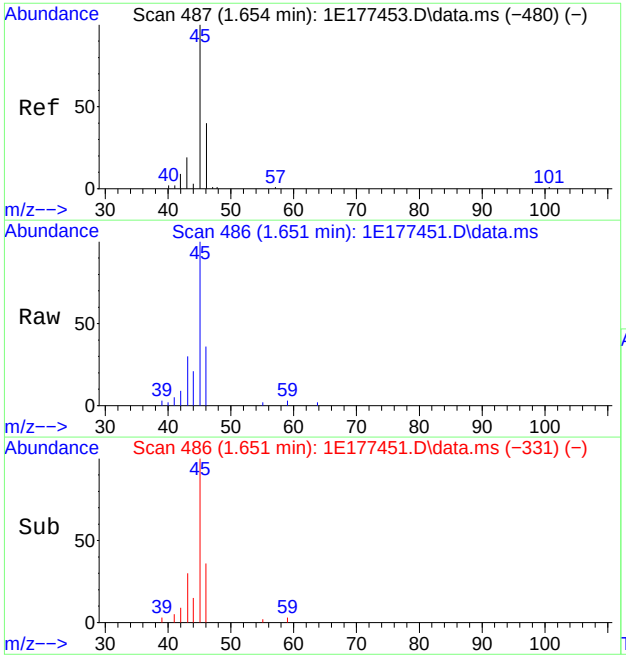
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177451.D
Acq On : 26 Oct 2023 07:03 pm
Operator : louied
Sample : ic8736-20
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 27 17:35:26 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:01:00 2023
Response via : Initial Calibration

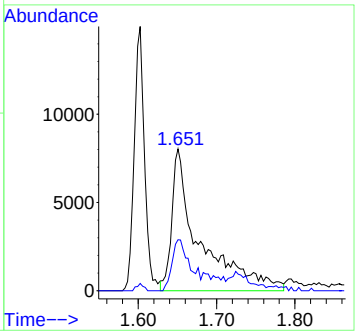


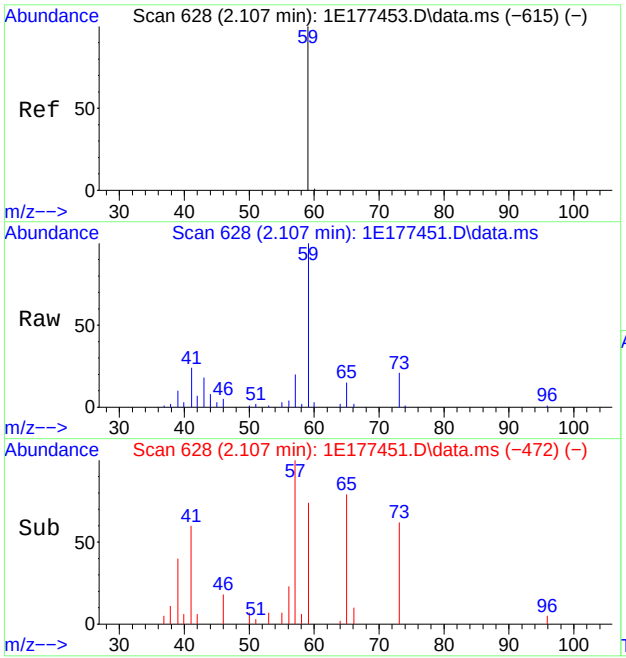


#2
ethanol
Concen: 1591.59 ug/L
RT: 1.651 min Scan# 486
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 45 Resp: 19876

Ion	Ratio	Lower	Upper
45	100		
46	37.8	18.1	58.1

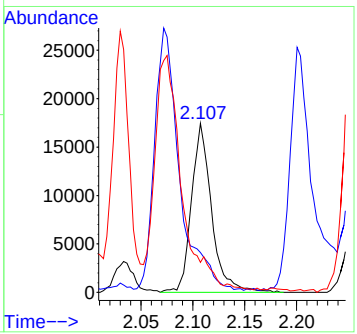


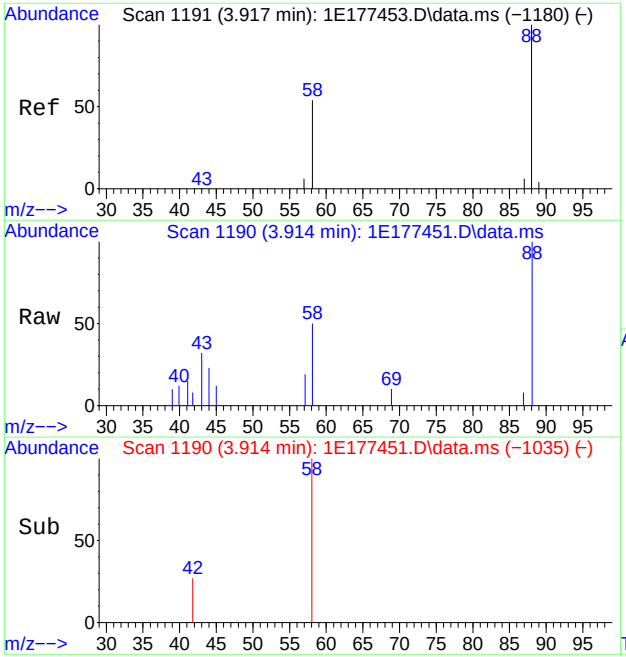


#3
tertiary butyl alcohol
Concen: 102.21 ug/L
RT: 2.107 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 59 Resp: 23677

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	16.1	0.0	52.8

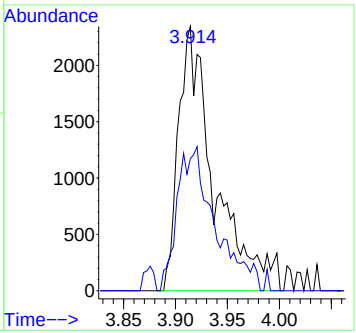


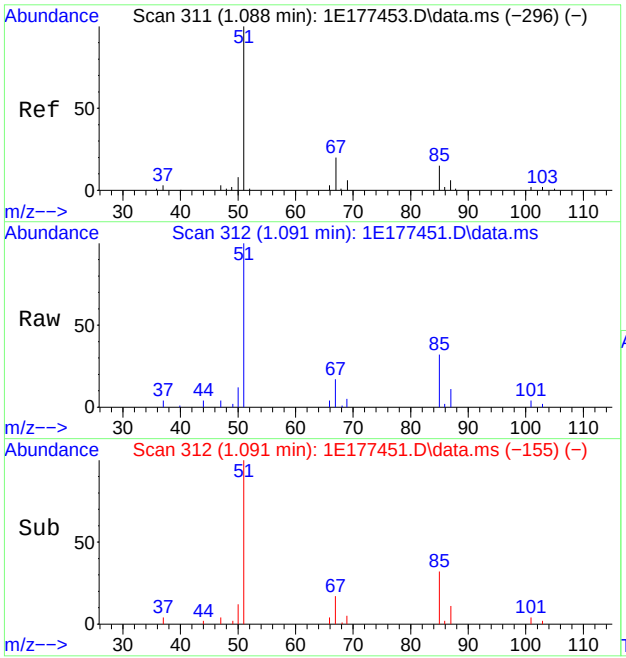


#4
1,4-dioxane
Concen: 550.82 ug/L
RT: 3.914 min Scan# 1190
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 88 Resp: 5673

Ion	Ratio	Lower	Upper
88	100		
58	49.9	38.3	78.3

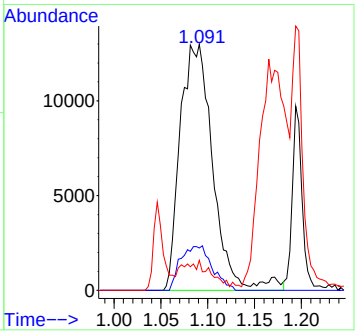


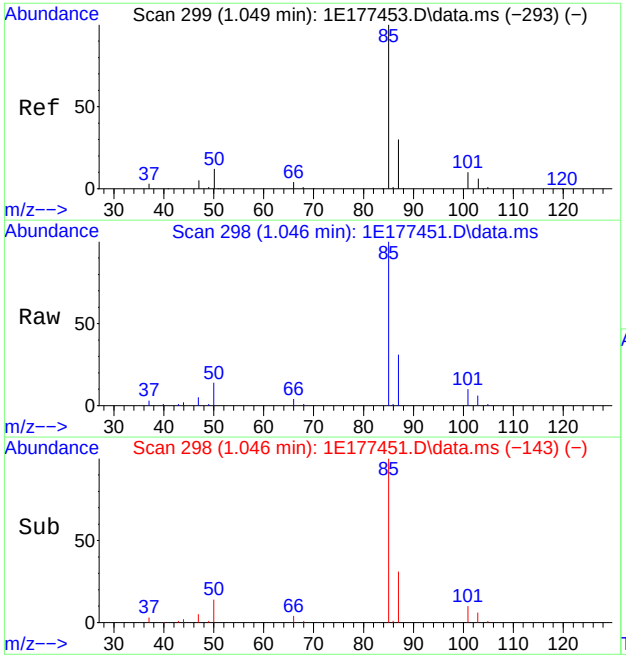


#6
chlorodifluoromethane
Concen: 20.43 ug/L
RT: 1.091 min Scan# 312
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 51 Resp: 31629

Ion	Ratio	Lower	Upper
51	100		
67	17.2	0.0	49.5
50	0.0	0.0	38.4

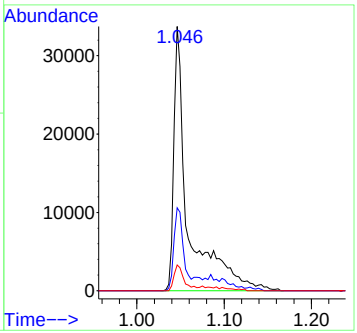


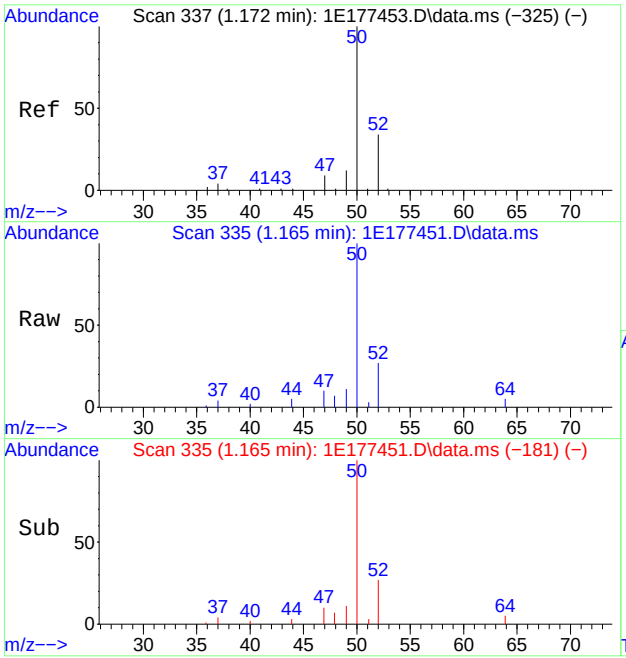


#7
dichlorodifluoromethane
Concen: 20.57 ug/L
RT: 1.046 min Scan# 298
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 85 Resp: 39298

Ion	Ratio	Lower	Upper
85	100		
87	31.4	0.4	60.4
101	9.8	0.0	39.9

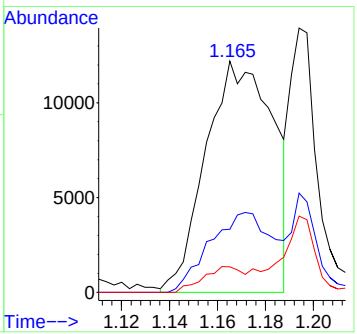


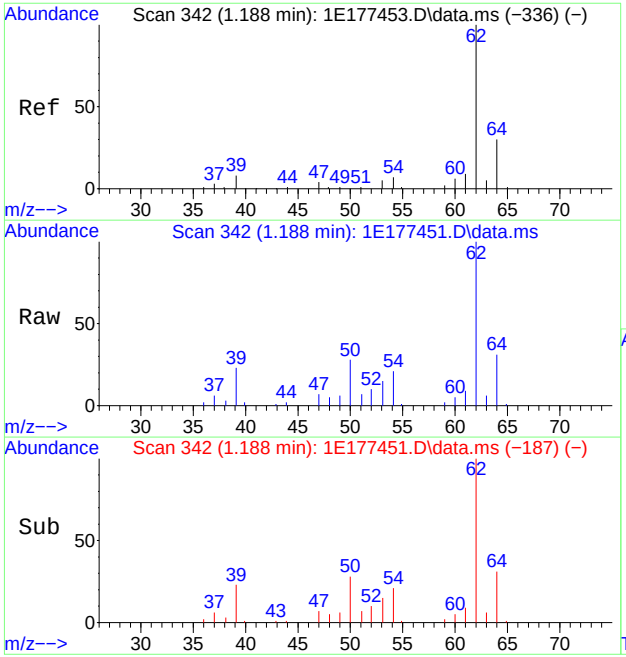


#8
chloromethane
Concen: 21.80 ug/L
RT: 1.165 min Scan# 335
Delta R.T. -0.006 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 50 Resp: 23732

Ion	Ratio	Lower	Upper
50	100		
52	27.7	4.4	64.4
49	11.2	0.0	42.1

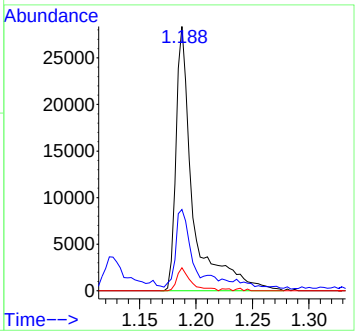


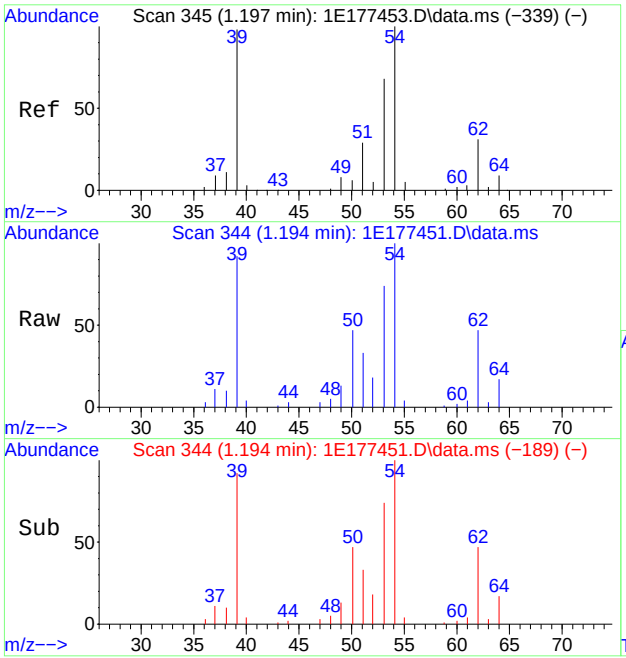


#9
vinyl chloride
Concen: 23.19 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 62 Resp: 30250

Ion	Ratio	Lower	Upper
62	100		
64	29.8	0.7	60.7
61	8.7	0.0	39.5

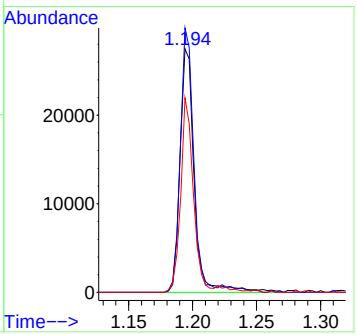


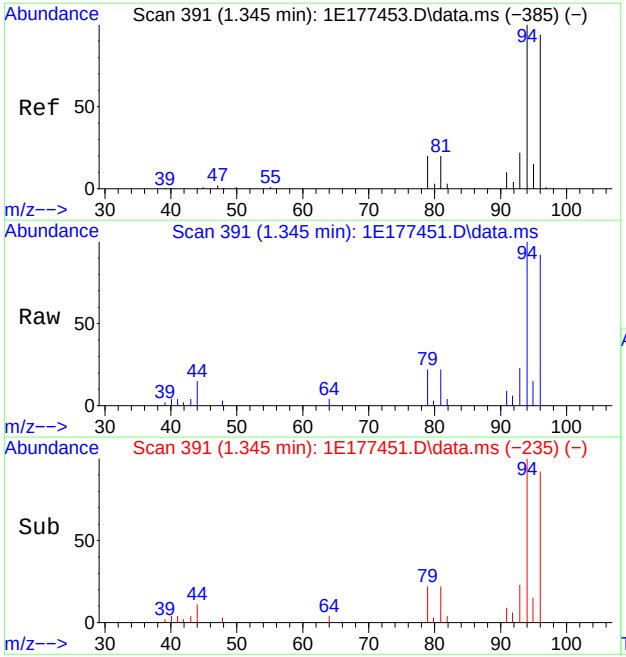


#10
1,3-butadiene
Concen: 17.52 ug/L
RT: 1.194 min Scan# 344
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 39 Resp: 21529

Ion	Ratio	Lower	Upper
39	100		
54	108.6	72.3	132.3
53	79.9	39.8	99.8

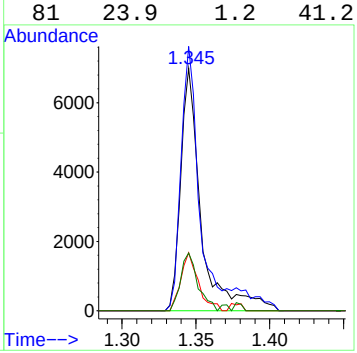


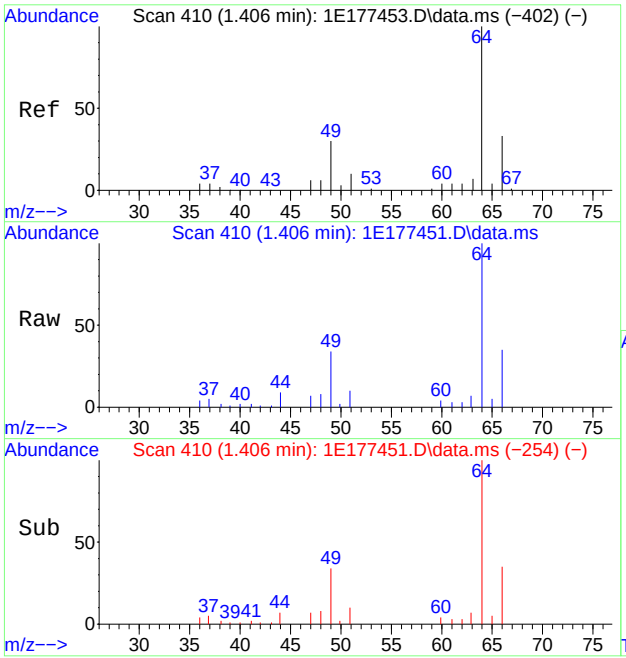


#11
bromomethane
Concen: 24.60 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 96 Resp: 6746

Ion	Ratio	Lower	Upper
96	100		
94	109.1	76.0	136.0
79	23.9	20.8	20.8#
81	23.9	1.2	41.2

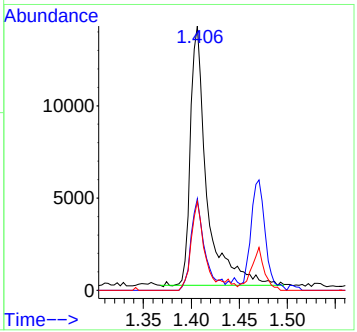


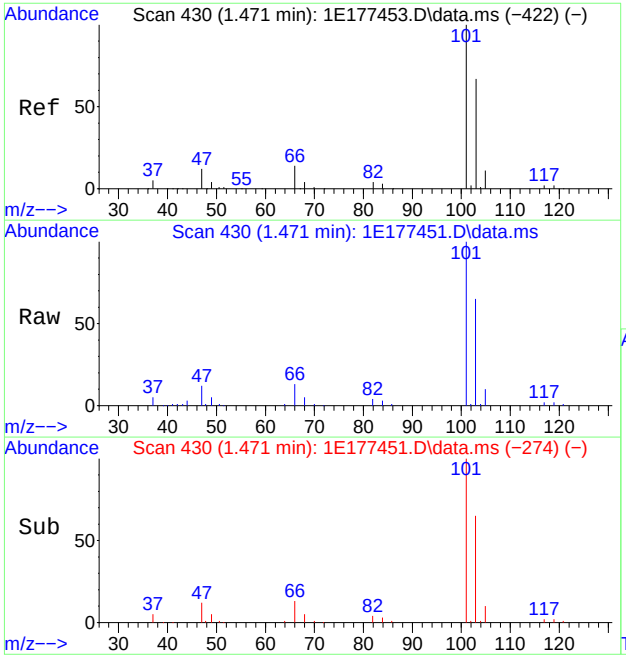


#12
chloroethane
Concen: 19.67 ug/L
RT: 1.406 min Scan# 410
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 64 Resp: 16846

Ion	Ratio	Lower	Upper
64	100		
66	35.3	3.1	63.1
49	34.3	0.1	60.1

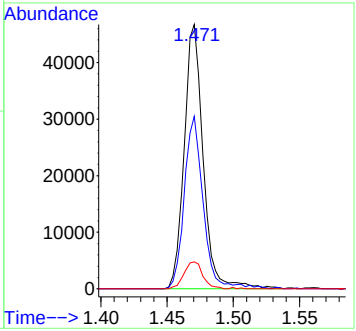


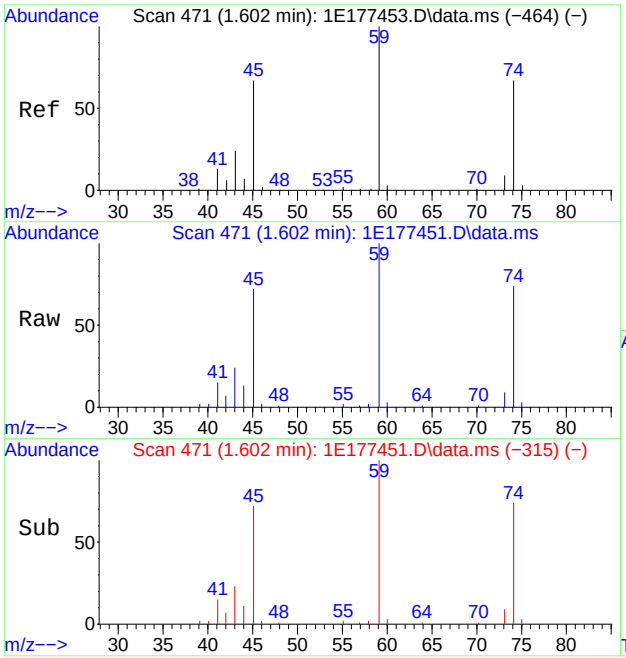


#13
trichlorofluoromethane
Concen: 21.84 ug/L
RT: 1.471 min Scan# 430
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:101 Resp: 46728

Ion	Ratio	Lower	Upper
101	100		
103	65.2	37.1	97.1
105	10.2	0.0	40.8

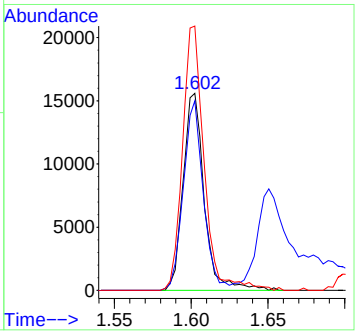


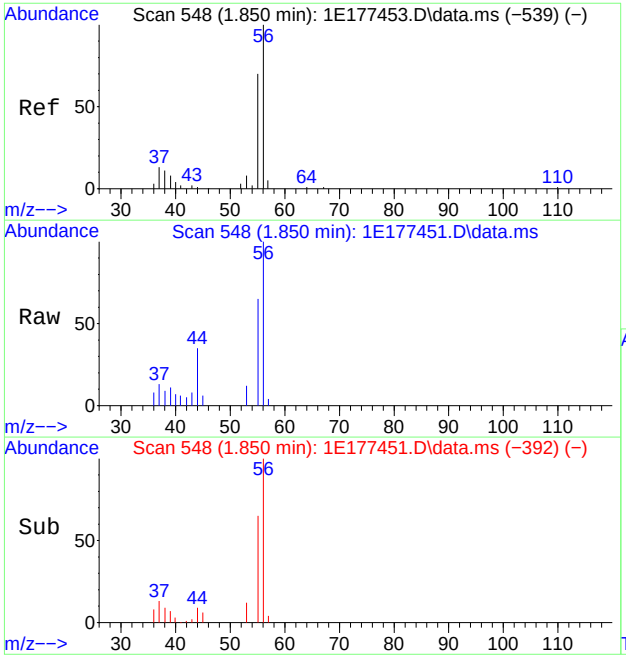


#14
ethyl ether
Concen: 20.55 ug/L
RT: 1.602 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 74 Resp: 15000

Ion	Ratio	Lower	Upper
74	100		
45	96.1	69.1	129.1
59	134.3	118.9	178.9

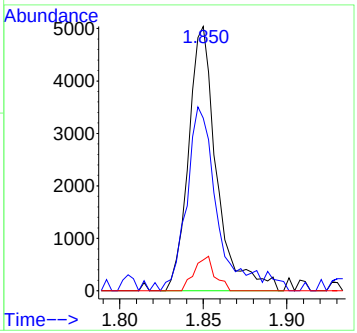


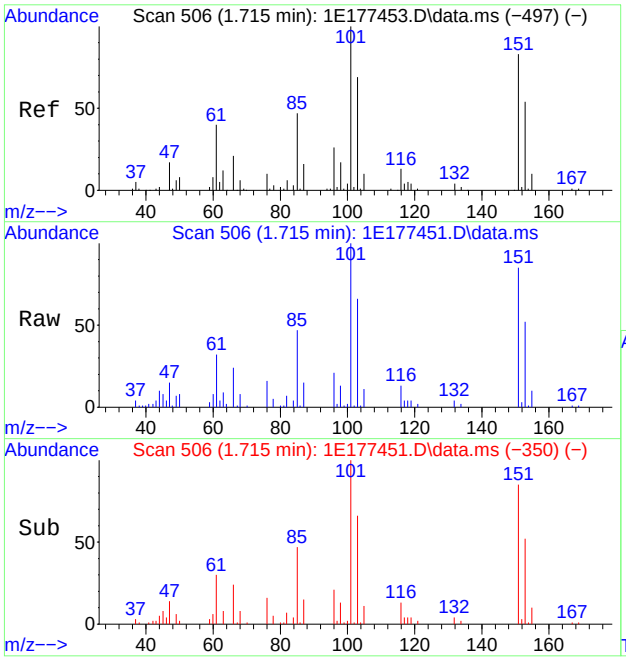


#15
acrolein
Concen: 18.49 ug/L
RT: 1.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 56 Resp: 5919

Ion	Ratio	Lower	Upper
56	100		
55	65.3	40.4	100.4
53	11.7	0.0	38.2

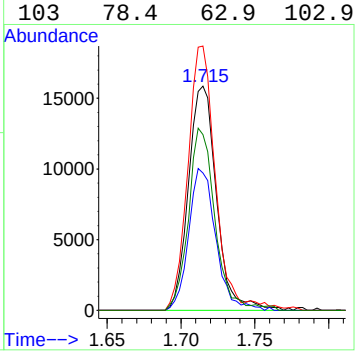


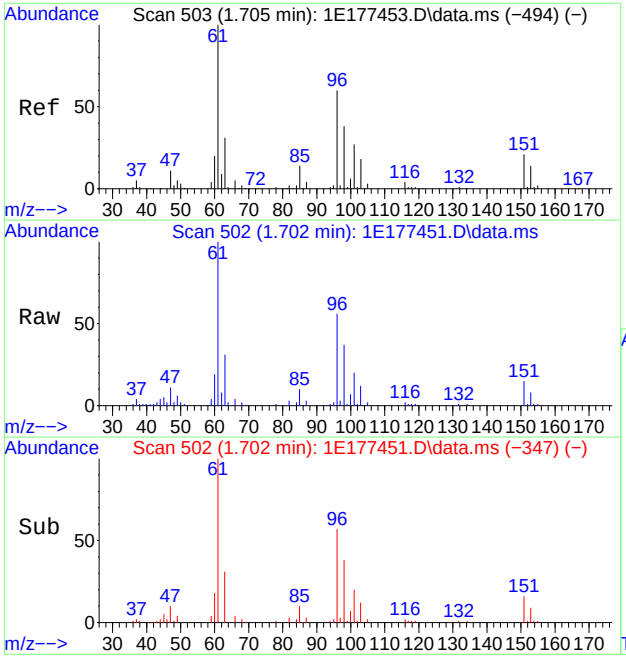


#16
freon 113
Concen: 22.14 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:151 Resp: 21015

Ion	Ratio	Lower	Upper
151	100		
153	61.3	44.6	84.6
101	118.0	100.2	140.2
103	78.4	62.9	102.9

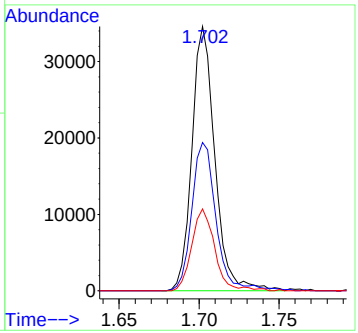


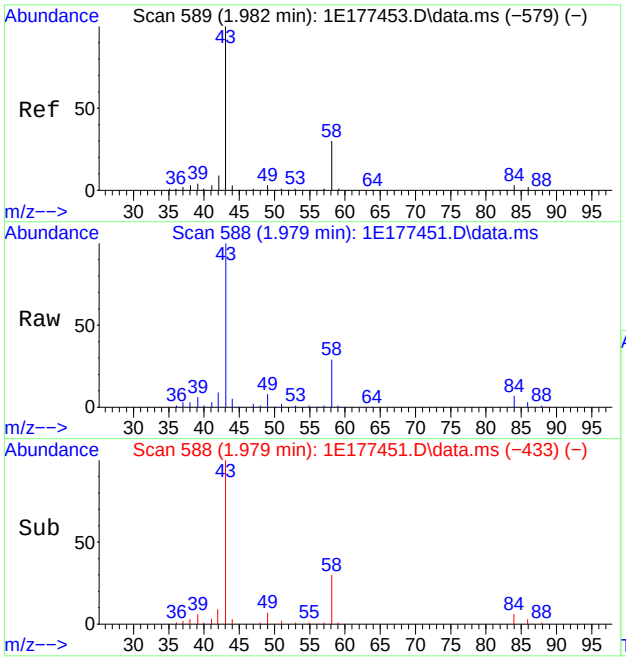


#17
1,1-dichloroethene
Concen: 20.04 ug/L
RT: 1.702 min Scan# 502
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 61 Resp: 34635

Ion	Ratio	Lower	Upper
61	100		
96	56.1	29.6	89.6
63	31.0	1.2	61.2

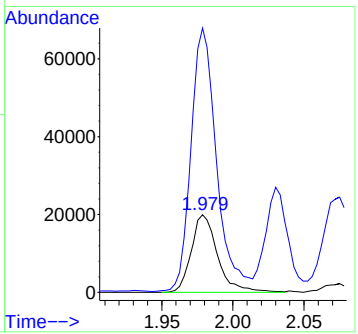


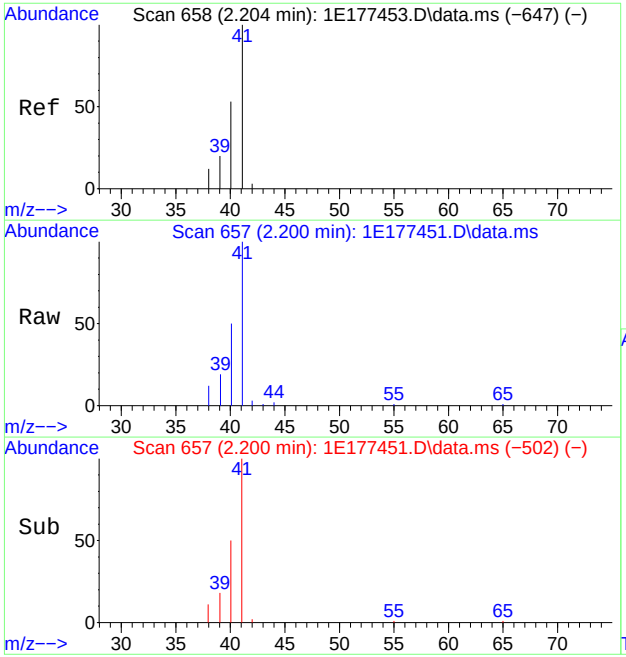


#18
acetone
Concen: 72.13 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 58 Resp: 25654

Ion	Ratio	Lower	Upper
58	100		
43	338.0	304.0	364.0

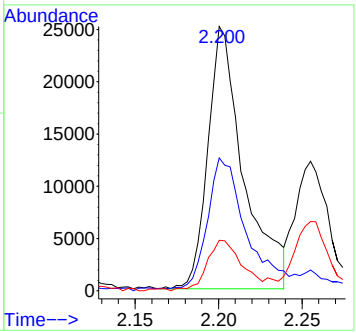


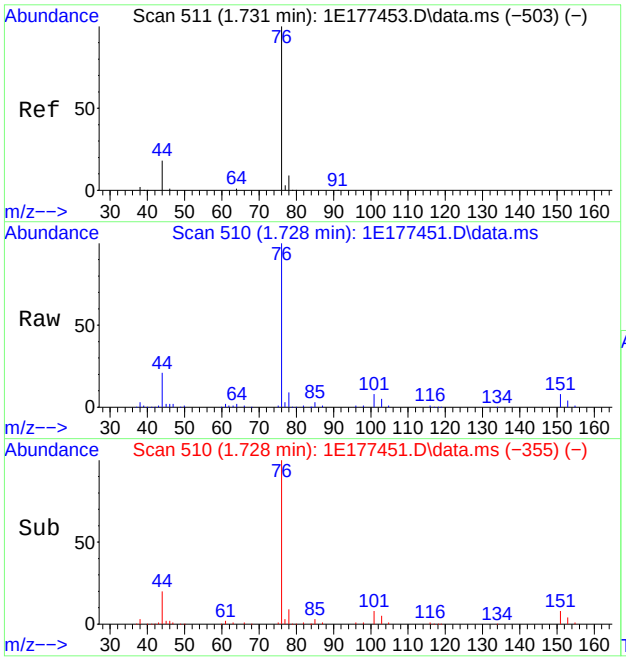


#19
acetonitrile
Concen: 184.78 ug/L
RT: 2.200 min Scan# 657
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 41 Resp: 37347

Ion	Ratio	Lower	Upper
41	100		
40	49.6	22.9	82.9
39	18.5	0.0	49.7

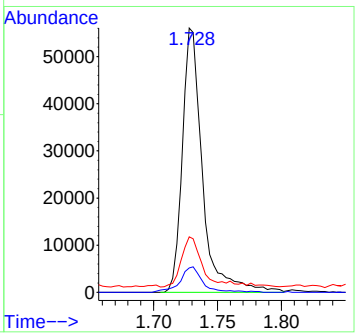


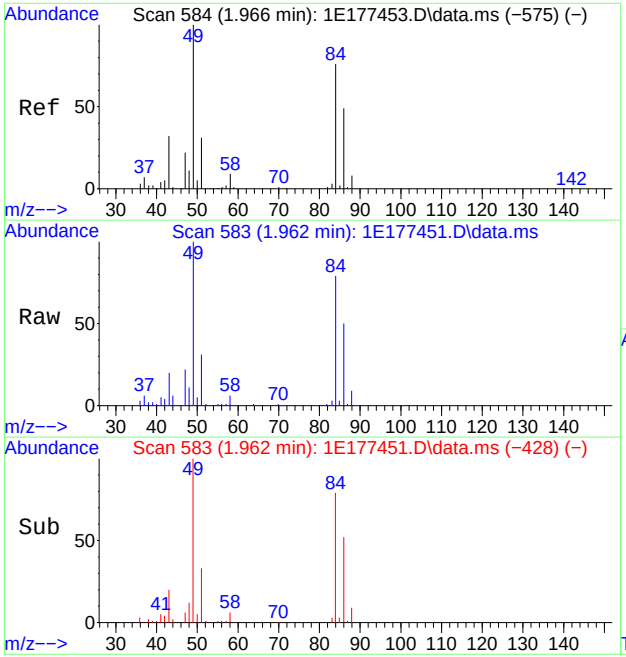


#21
carbon disulfide
Concen: 19.29 ug/L
RT: 1.728 min Scan# 510
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 76 Resp: 61540

Ion	Ratio	Lower	Upper
76	100		
78	9.2	0.0	39.2
44	19.0	0.0	48.3

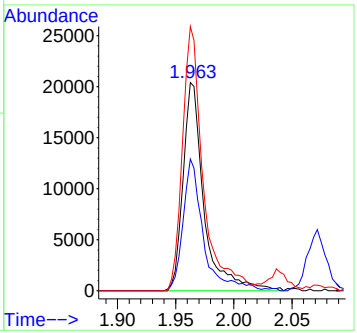


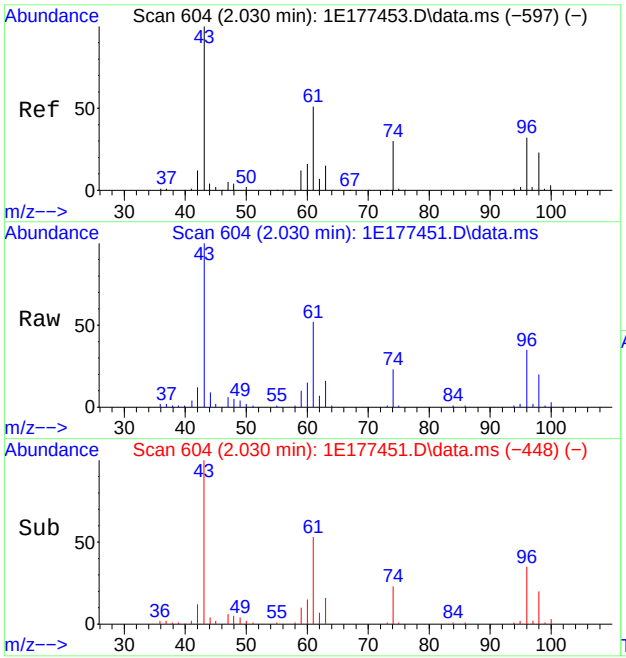


#22
methylene chloride
Concen: 19.32 ug/L
RT: 1.962 min Scan# 583
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 84 Resp: 25609

Ion	Ratio	Lower	Upper
84	100		
86	63.2	34.9	94.9
49	127.0	102.4	162.4

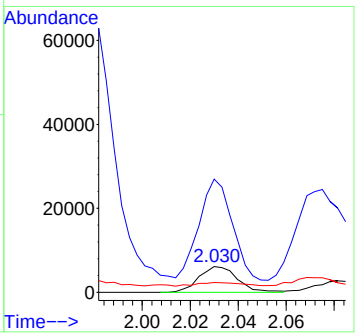


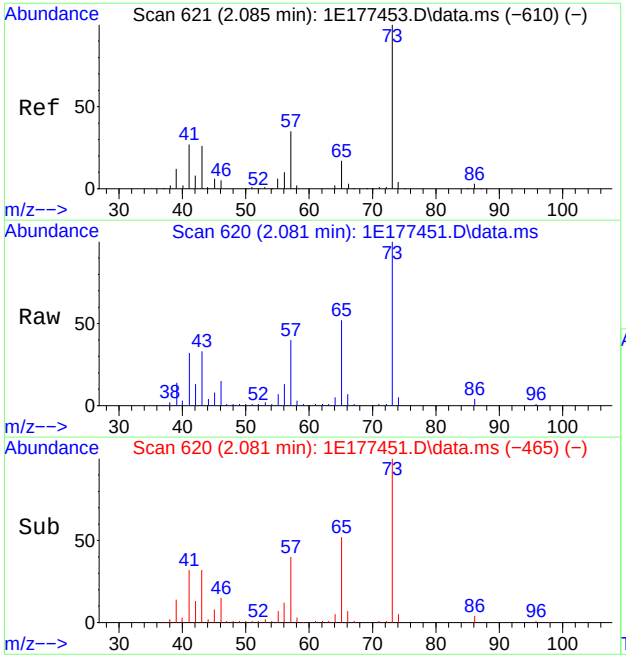


#23
methyl acetate
Concen: 20.57 ug/L
RT: 2.030 min Scan# 604
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 74 Resp: 6887

Ion	Ratio	Lower	Upper
74	100		
43	372.6	307.5	367.5#
44	8.6	0.0	43.7

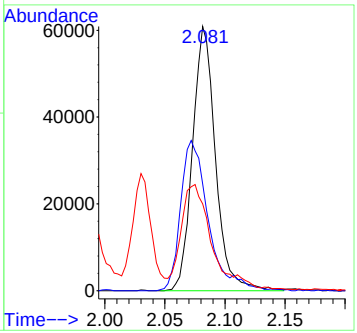


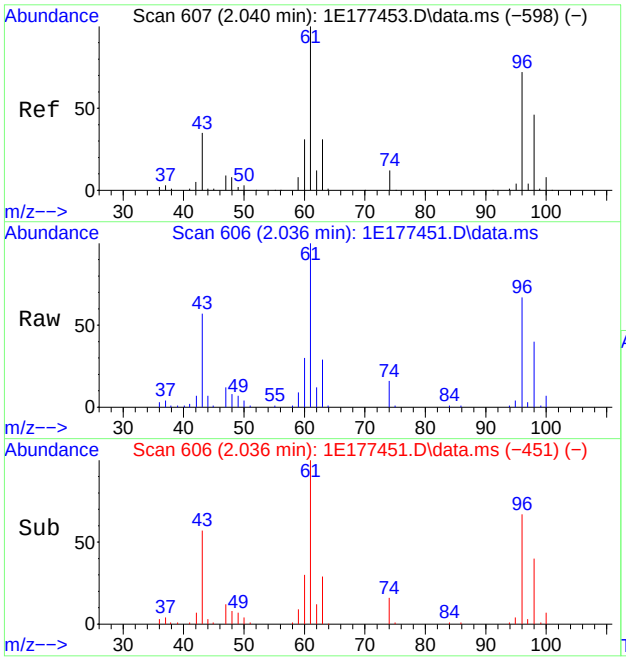


#24
methyl tert butyl ether
Concen: 19.68 ug/L
RT: 2.081 min Scan# 620
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 73 Resp: 81283

Ion	Ratio	Lower	Upper
73	100		
57	40.1	5.0	65.0
43	32.1	0.4	60.4

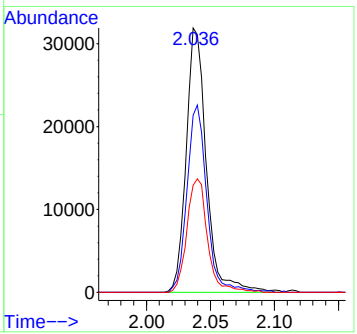


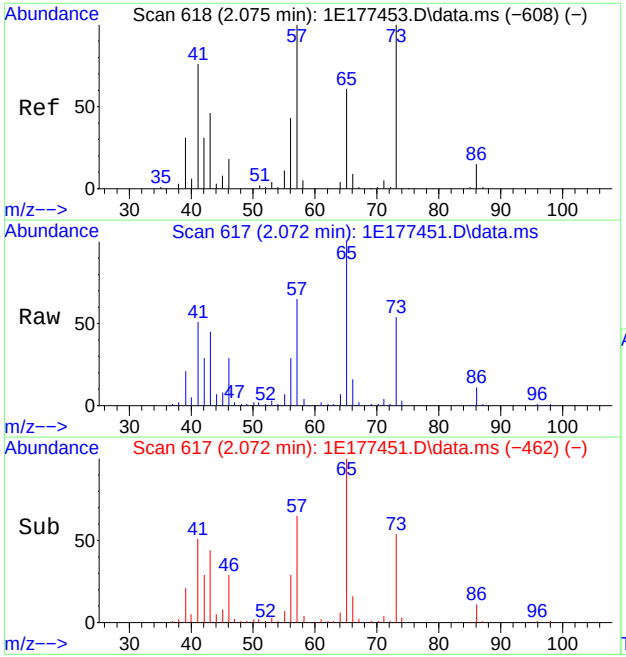


#25
trans-1,2-dichloroethene
Concen: 20.73 ug/L
RT: 2.036 min Scan# 606
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 61 Resp: 35190

Ion	Ratio	Lower	Upper
61	100		
96	67.0	41.6	101.6
98	40.5	15.7	75.7

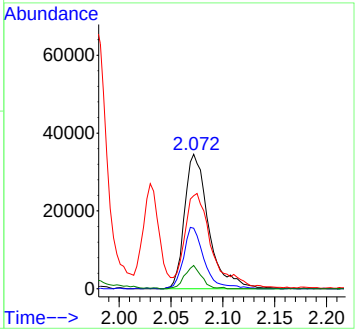


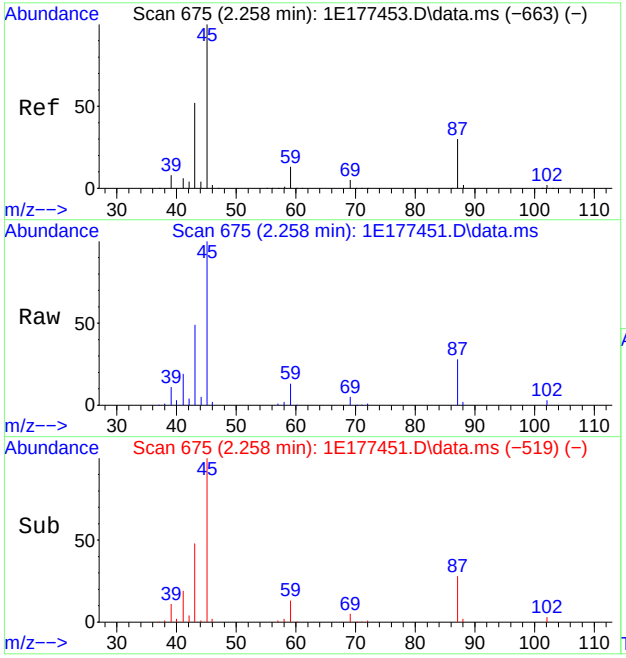


#26
hexane
Concen: 19.19 ug/L
RT: 2.072 min Scan# 617
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 57 Resp: 55948

Ion	Ratio	Lower	Upper
57	100		
56	44.9	23.0	63.0
43	68.4	50.7	90.7
86	17.4	0.0	35.6

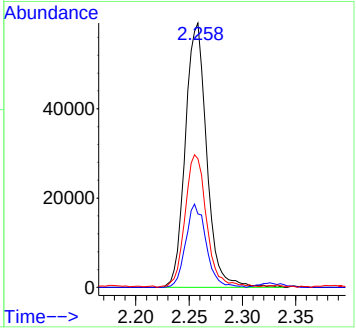


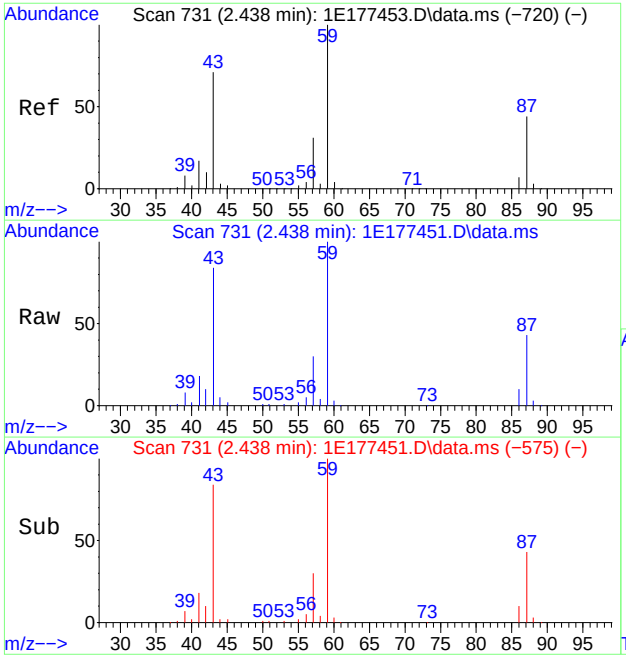


#27
di-isopropyl ether
Concen: 19.99 ug/L
RT: 2.258 min Scan# 675
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 45 Resp: 82527

Ion	Ratio	Lower	Upper
45	100		
87	27.8	0.0	59.9
43	48.2	22.2	82.2

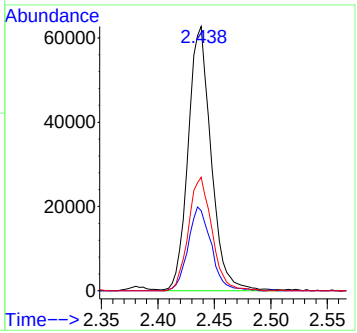


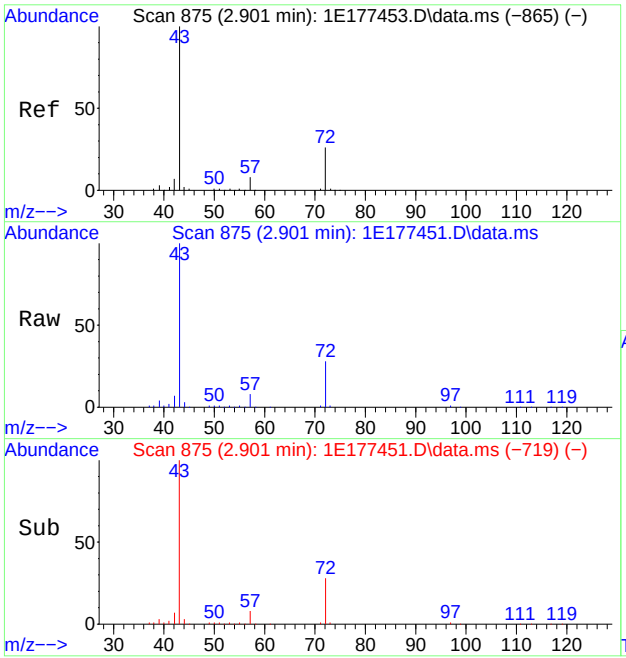


#28
ethyl tert-butyl ether
Concen: 20.30 ug/L
RT: 2.438 min Scan# 731
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 59 Resp: 89395

Ion	Ratio	Lower	Upper
59	100		
57	30.4	1.2	61.2
87	43.0	14.3	74.3

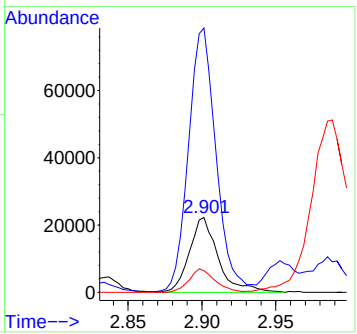


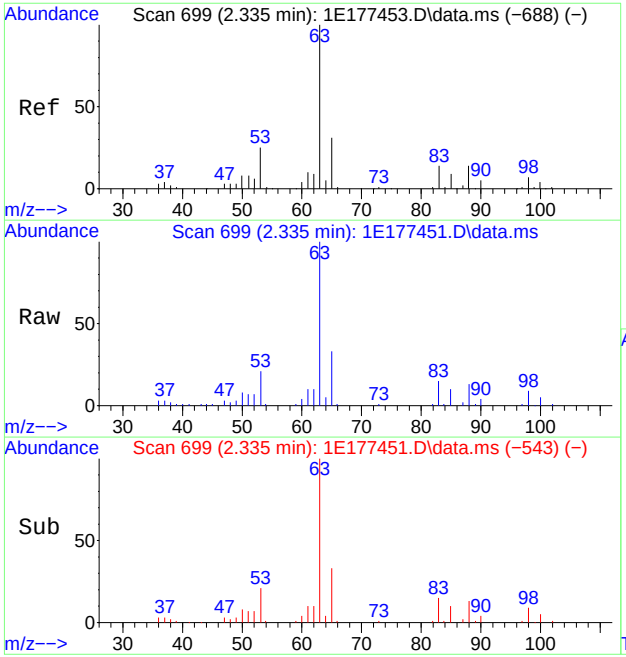


#29
2-butanone
Concen: 81.43 ug/L
RT: 2.901 min Scan# 875
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 72 Resp: 30155

Ion	Ratio	Lower	Upper
72	100		
43	351.4	351.4	411.4
57	28.9	1.3	61.3

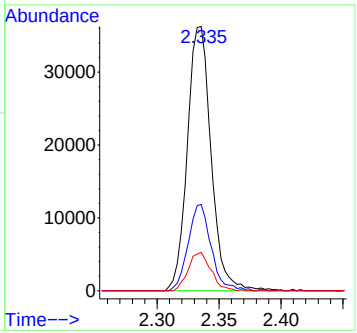


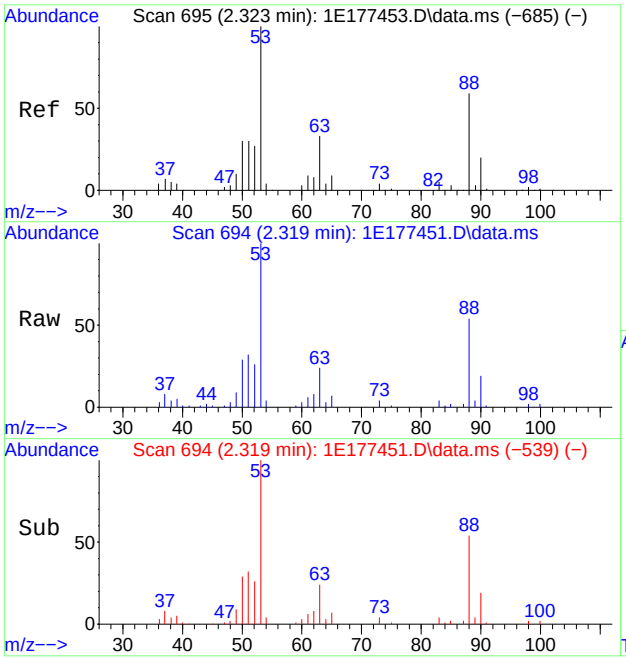


#30
1,1-dichloroethane
Concen: 20.36 ug/L
RT: 2.335 min Scan# 699
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 63 Resp: 48495

Ion	Ratio	Lower	Upper
63	100		
65	32.6	1.1	61.1
83	14.6	0.0	44.4

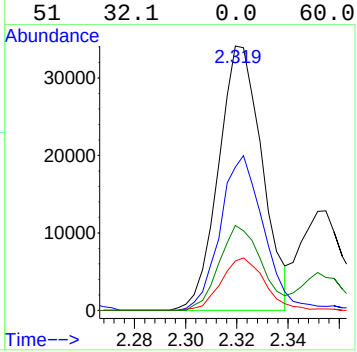


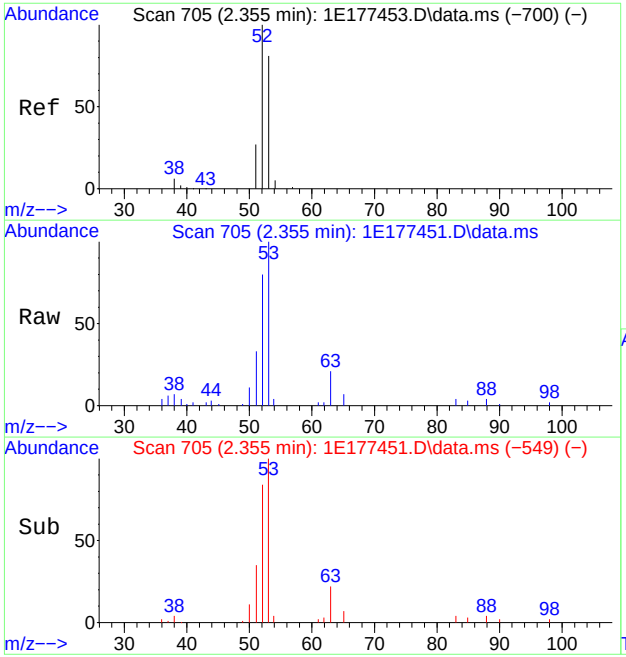


#31
chloroprene
Concen: 19.58 ug/L
RT: 2.319 min Scan# 694
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 53 Resp: 40467

Ion	Ratio	Lower	Upper
53	100		
88	54.2	29.0	89.0
90	18.7	0.0	50.3
51	32.1	0.0	60.0

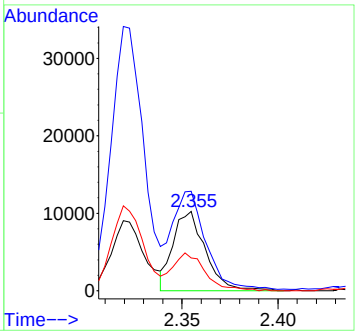


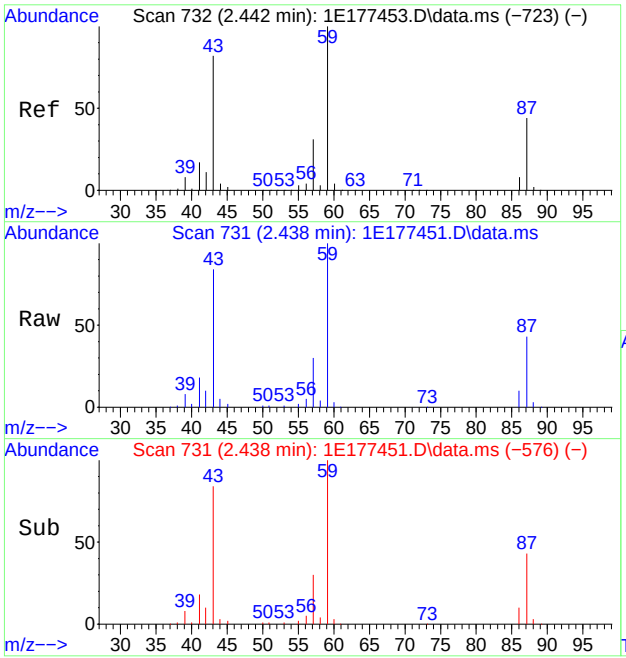


#32
acrylonitrile
Concen: 20.57 ug/L
RT: 2.355 min Scan# 705
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 52 Resp: 12030

Ion	Ratio	Lower	Upper
52	100		
53	123.0	98.3	158.3
51	41.2	13.3	73.3

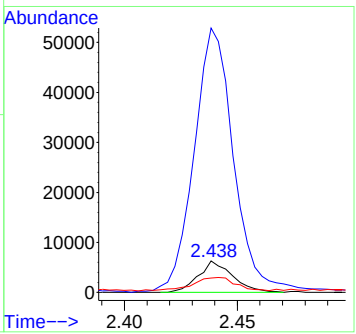


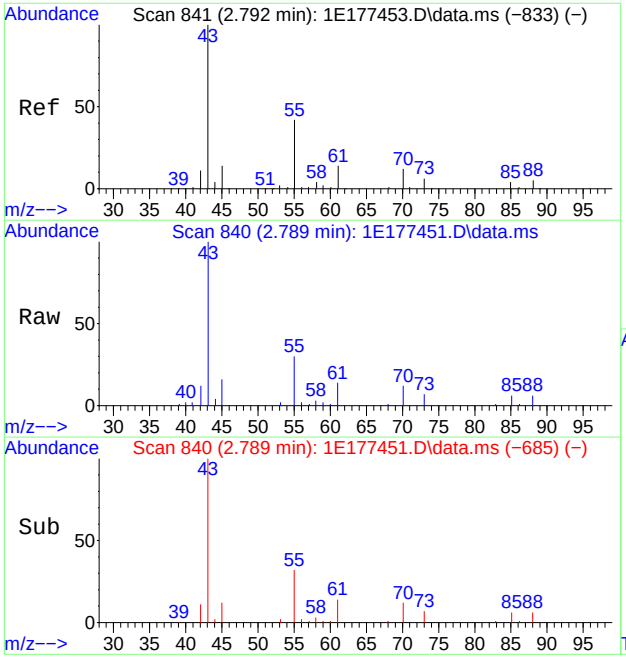


#33
vinyl acetate
Concen: 23.22 ug/L
RT: 2.438 min Scan# 731
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 86 Resp: 6623

Ion	Ratio	Lower	Upper
86	100		
43	820.1	996.1	1056.1#
44	38.8	16.2	76.2

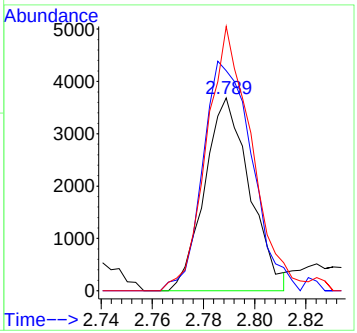


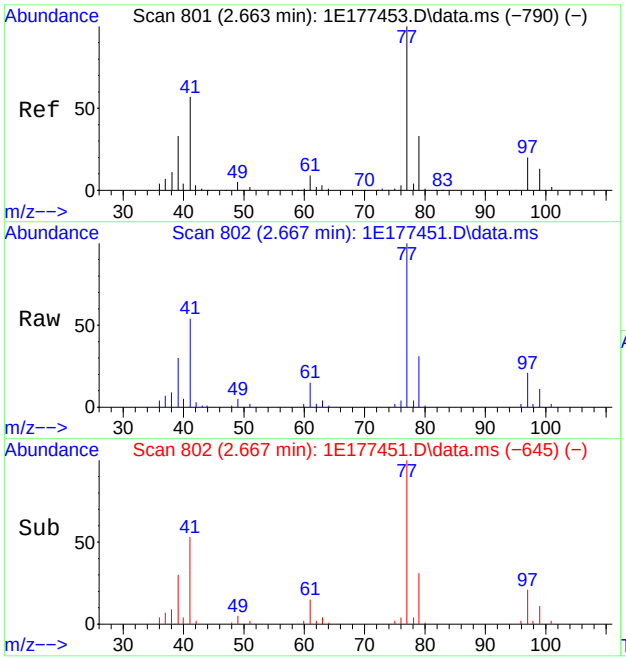


#34
ethyl acetate
Concen: 21.51 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 70 Resp: 4524

Ion	Ratio	Lower	Upper
70	100		
61	114.1	88.3	148.3
45	137.2	89.7	149.7

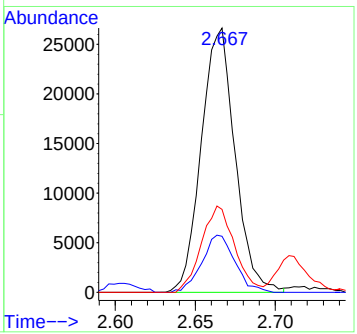




#35
2,2-dichloropropane
Concen: 19.37 ug/L
RT: 2.667 min Scan# 802
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

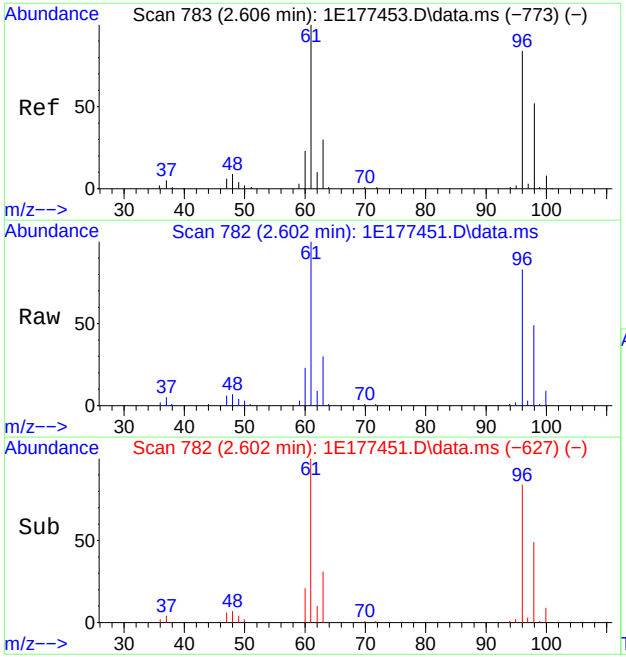
Tgt Ion: 77 Resp: 39230

Ion	Ratio	Lower	Upper
77	100		
97	21.2	0.0	50.3
79	31.4	2.7	62.7



7.6.7

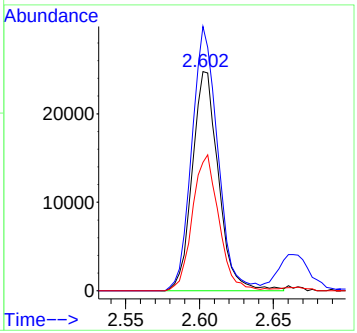
7

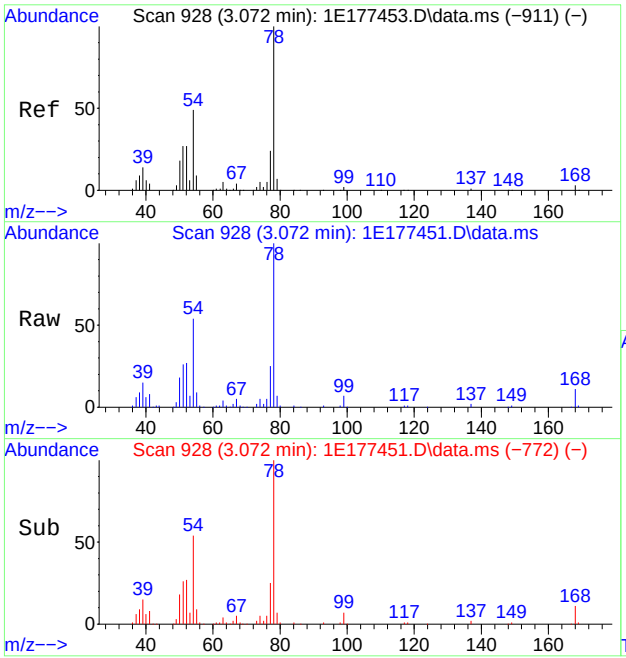


#36
cis-1,2-dichloroethene
Concen: 20.54 ug/L
RT: 2.602 min Scan# 782
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 96 Resp: 30579

Ion	Ratio	Lower	Upper
96	100		
61	120.6	89.1	149.1
98	58.5	31.8	91.8

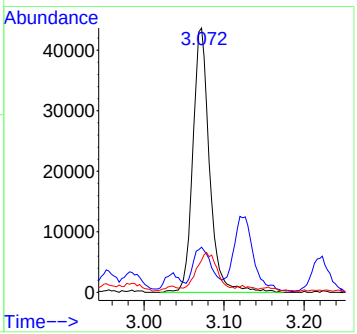


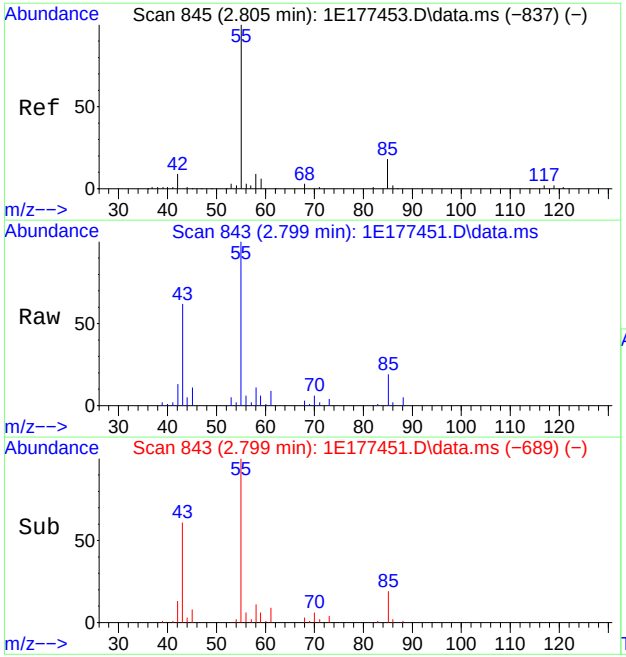


#37
propionitrile
Concen: 195.41 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 54 Resp: 63161

Ion	Ratio	Lower	Upper
54	100		
55	16.4	0.0	49.2
40	11.3	0.0	43.2

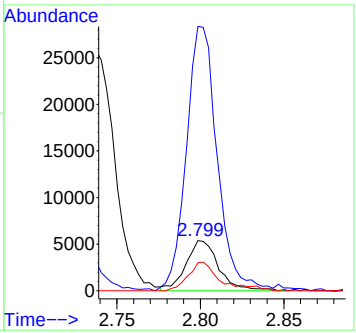


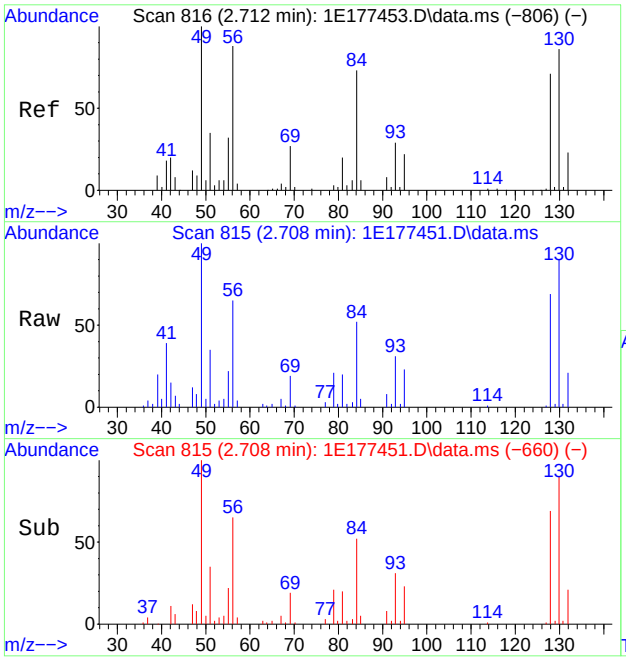


#38
methyl acrylate
Concen: 22.46 ug/L
RT: 2.799 min Scan# 843
Delta R.T. -0.006 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 85 Resp: 7341

Ion	Ratio	Lower	Upper
85	100		
55	522.0	505.5	545.5
58	55.8	25.5	65.5

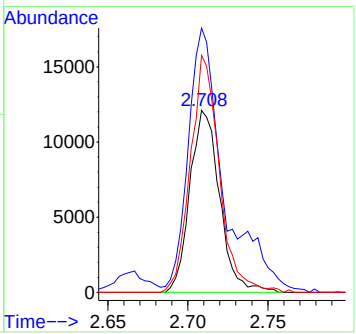


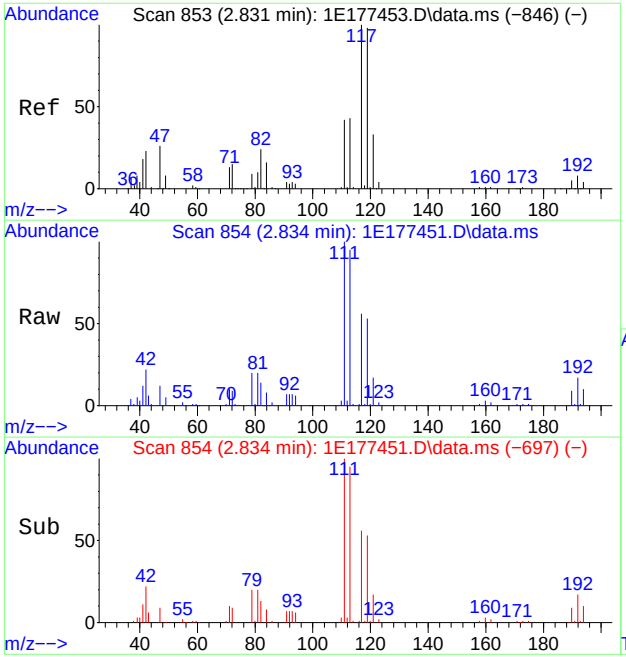


#39
bromochloromethane
Concen: 20.16 ug/L
RT: 2.708 min Scan# 815
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:128 Resp: 15716

Ion	Ratio	Lower	Upper
128	100		
49	142.5	113.7	173.7
130	130.2	91.4	151.4

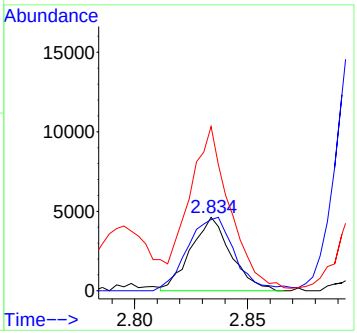


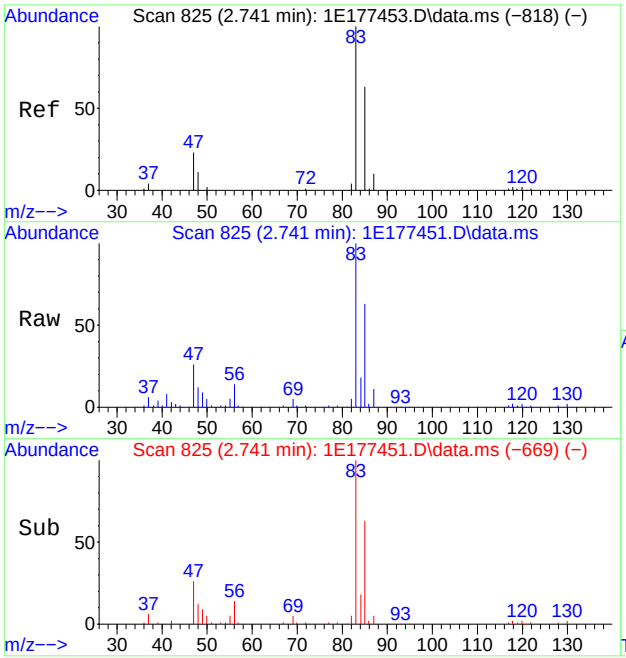


#40
tetrahydrofuran
Concen: 20.06 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 71 Resp: 5686

Ion	Ratio	Lower	Upper
71	100		
72	91.4	82.2	142.2
42	219.7	201.9	261.9

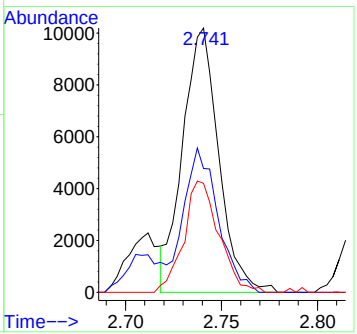


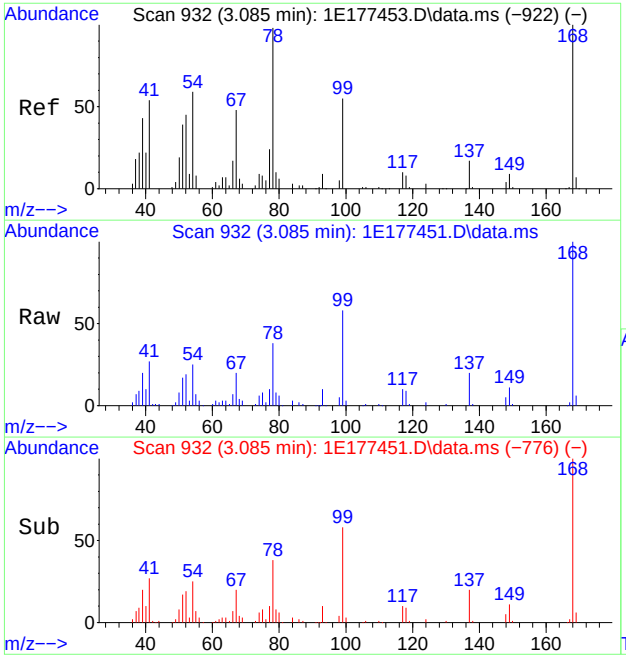


#41
chloroform
Concen: 17.81 ug/L
RT: 2.741 min Scan# 825
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 47 Resp: 13367

Ion	Ratio	Lower	Upper
47	100		
48	46.9	23.0	83.0
87	41.3	8.1	68.1

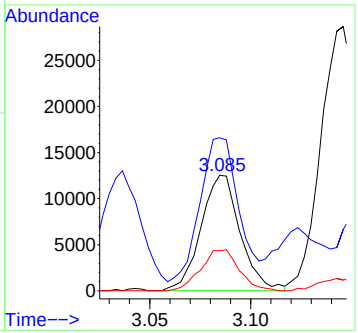


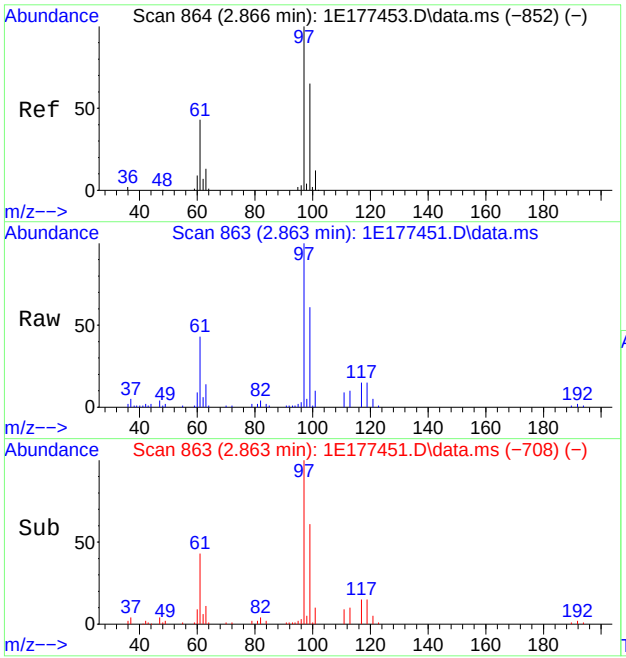


#43
methacrylonitrile
Concen: 19.77 ug/L
RT: 3.085 min Scan# 932
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 67 Resp: 16970

Ion	Ratio	Lower	Upper
67	100		
41	119.4	83.8	143.8
66	34.8	6.0	66.0

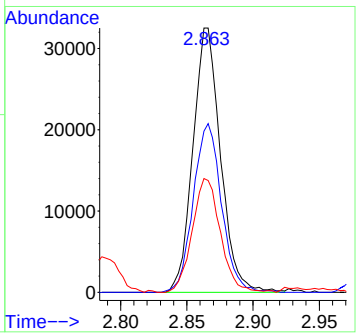


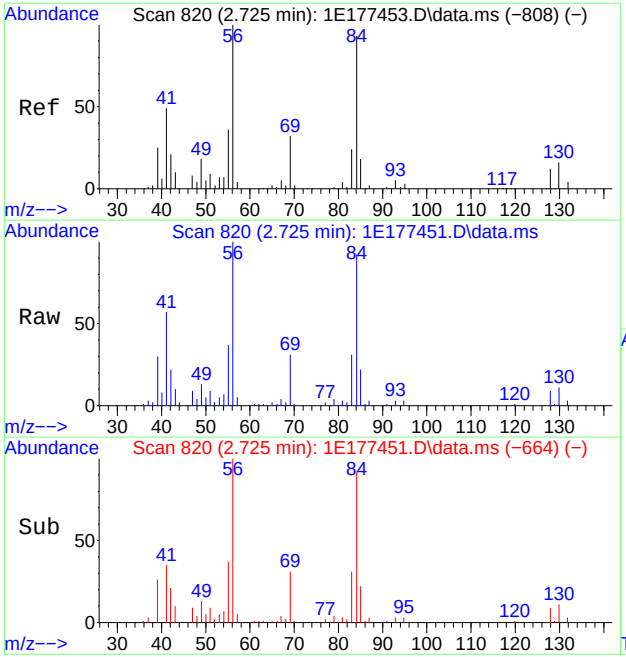


#44
1,1,1-trichloroethane
Concen: 20.51 ug/L
RT: 2.863 min Scan# 863
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 97 Resp: 47263

Ion	Ratio	Lower	Upper
97	100		
99	61.0	34.9	94.9
61	43.0	13.2	73.2

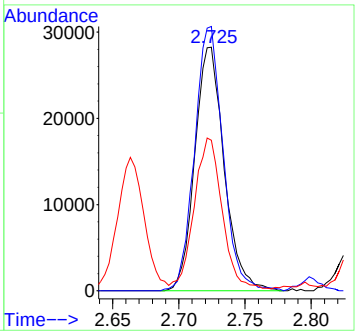


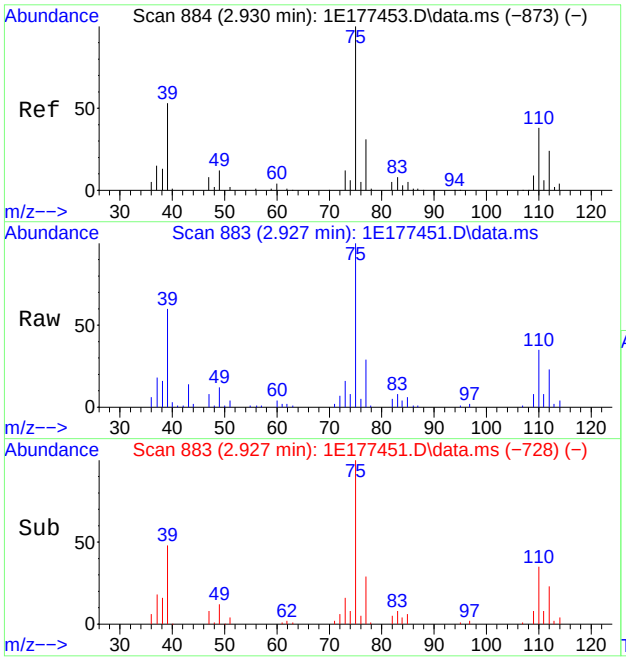


#45
cyclohexane
Concen: 22.39 ug/L
RT: 2.725 min Scan# 820
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 84 Resp: 43621

Ion	Ratio	Lower	Upper
84	100		
56	108.6	87.1	127.1
41	59.9	36.3	76.3

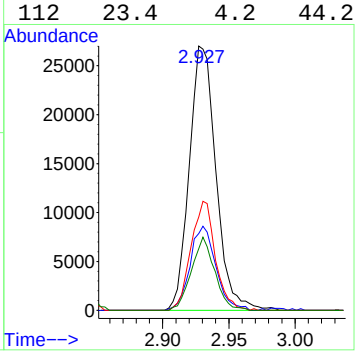


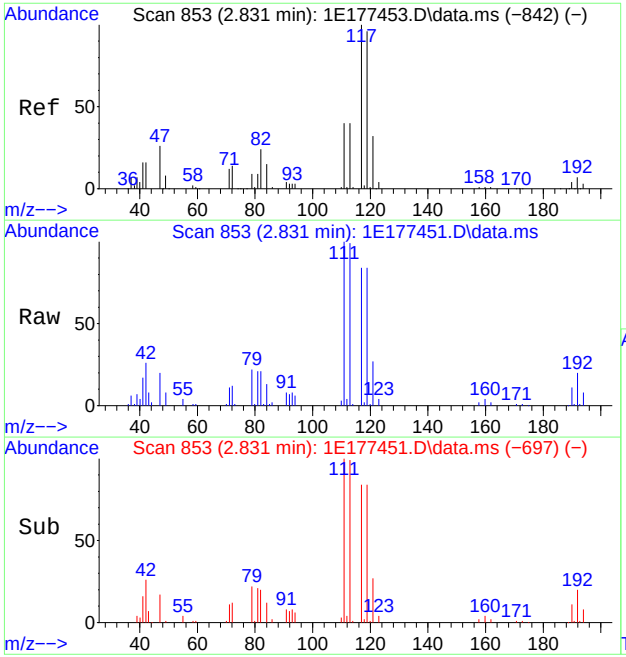


#46
1,1-dichloropropene
Concen: 21.00 ug/L
RT: 2.927 min Scan# 883
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 75 Resp: 37997

Ion	Ratio	Lower	Upper
75	100		
77	29.1	10.6	50.6
110	35.3	17.7	57.7
112	23.4	4.2	44.2

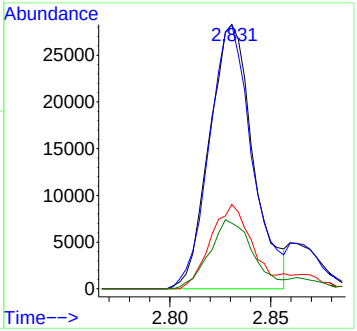


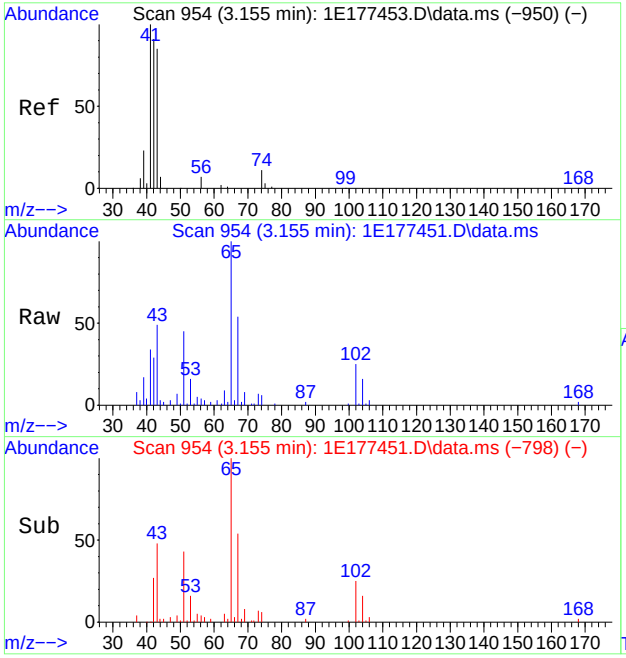


#47
carbon tetrachloride
Concen: 19.38 ug/L
RT: 2.831 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:117 Resp: 42477

Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.4	116.4
121	31.9	12.4	52.4
82	24.9	4.0	44.0

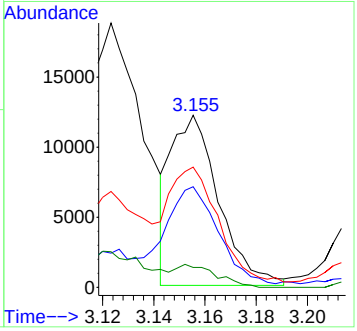




#48
isobutyl alcohol
Concen: 167.45 ug/L
RT: 3.155 min Scan# 954
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

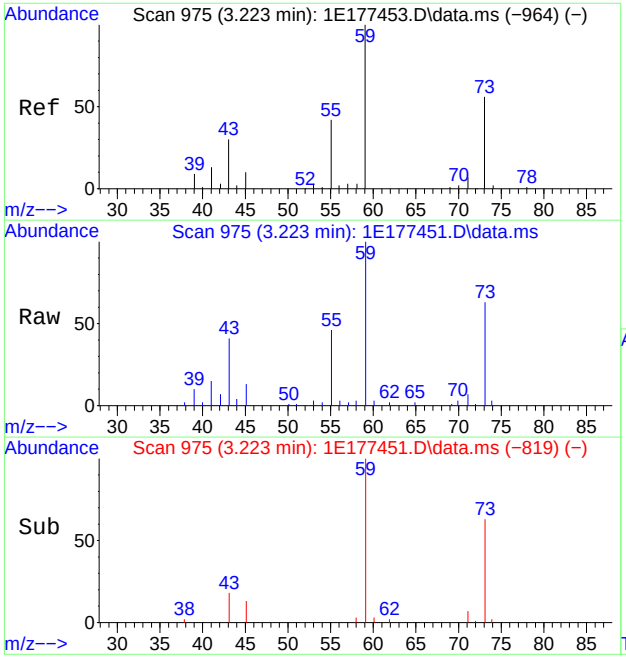
Tgt Ion: 43 Resp: 15828

Ion	Ratio	Lower	Upper
43	100		
42	57.9	34.0	74.0
41	70.0	52.4	92.4
74	12.2	0.0	32.3



7.6.7

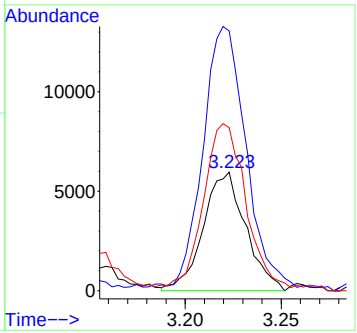
7

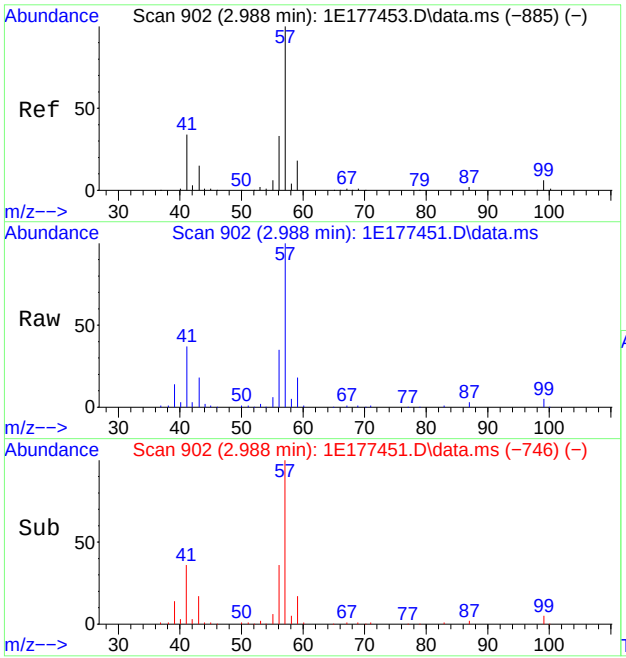


#49
tert-amyl alcohol
Concen: 93.82 ug/L
RT: 3.223 min Scan# 975
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 55 Resp: 9197

Ion	Ratio	Lower	Upper
55	100		
59	213.4	210.1	250.1
73	132.8	111.6	151.6

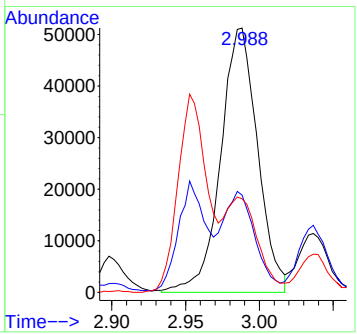


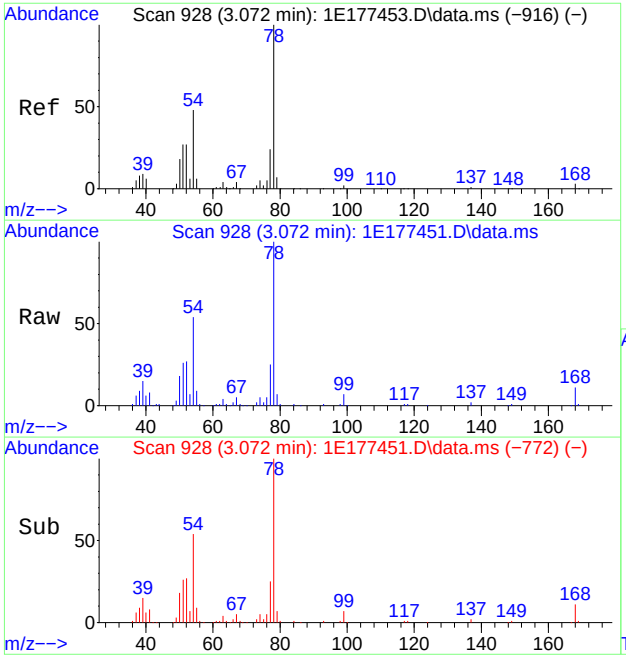


#52
iso-octane
Concen: 21.55 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 57 Resp: 88954

Ion	Ratio	Lower	Upper
57	100		
41	34.5	14.3	54.3
56	32.1	13.6	53.6

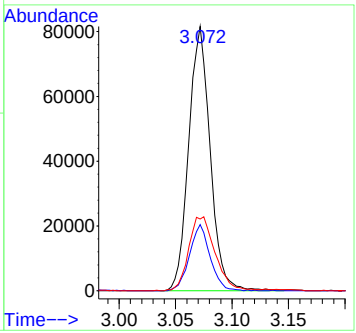


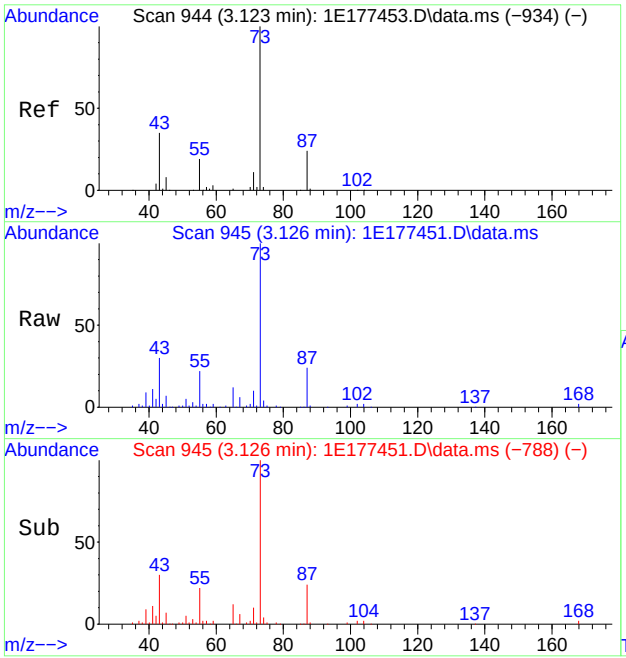


#53
benzene
Concen: 21.08 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 78 Resp: 108044

Ion	Ratio	Lower	Upper
78	100		
77	25.1	0.0	54.3
52	27.1	0.0	57.1

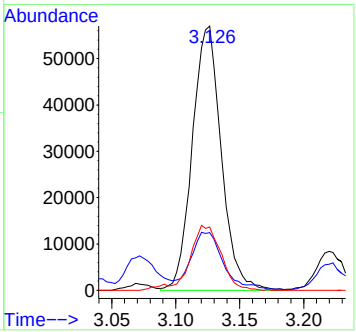


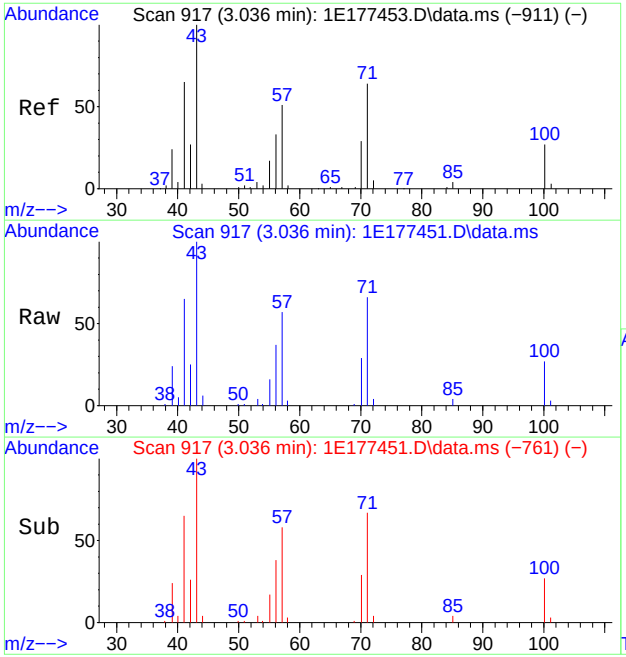


#54
tert-amyl methyl ether
Concen: 21.37 ug/L
RT: 3.126 min Scan# 945
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 73 Resp: 90038

Ion	Ratio	Lower	Upper
73	100		
55	21.6	2.5	42.5
87	24.1	5.0	45.0

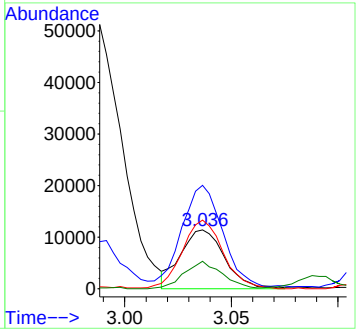


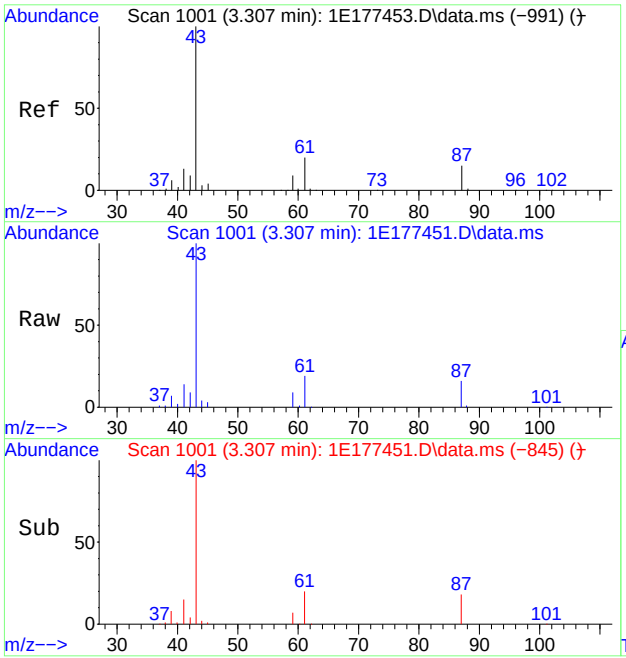


#55
heptane
Concen: 21.43 ug/L
RT: 3.036 min Scan# 917
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 57 Resp: 16501

Ion	Ratio	Lower	Upper
57	100		
43	174.5	129.2	189.2
71	119.3	71.9	131.9
100	44.9	10.2	70.2

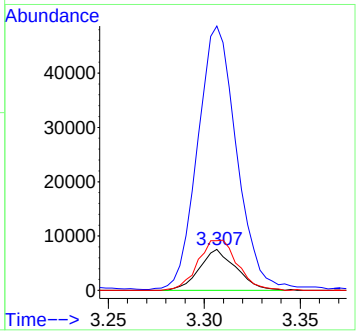


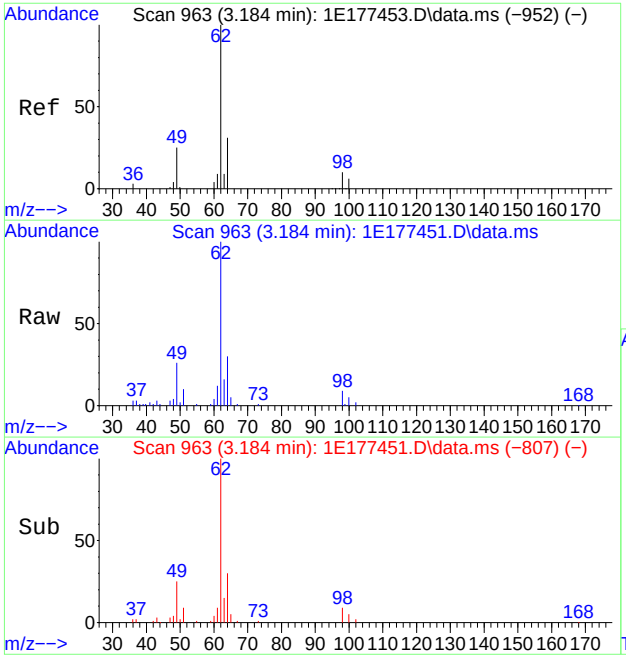


#56
isopropyl acetate
Concen: 22.40 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 87 Resp: 10058

Ion	Ratio	Lower	Upper
87	100		
43	639.5	647.0	707.0#
61	120.9	104.0	164.0

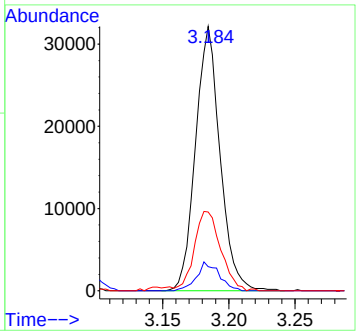


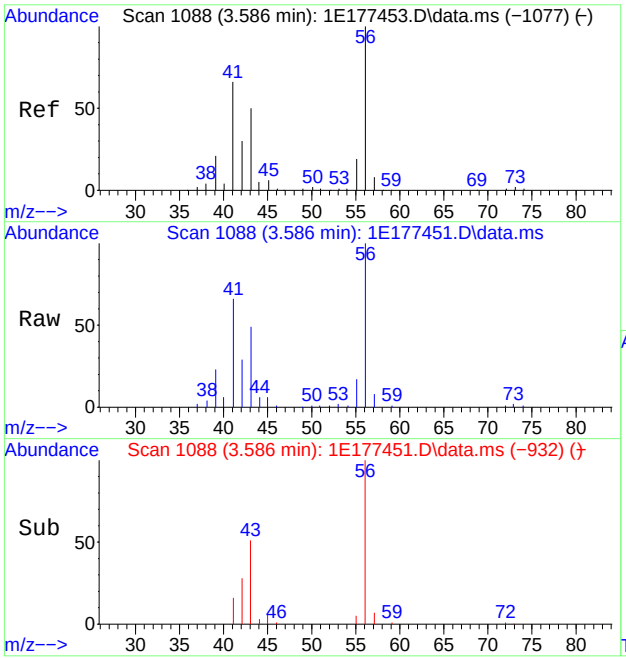


#57
1,2-dichloroethane
Concen: 19.58 ug/L
RT: 3.184 min Scan# 963
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 62 Resp: 41453

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	39.5
64	29.8	1.9	61.9

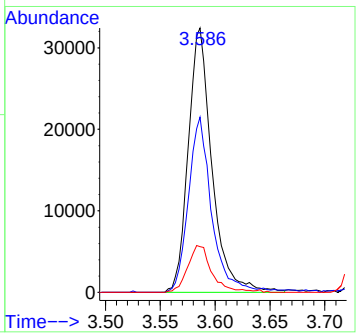


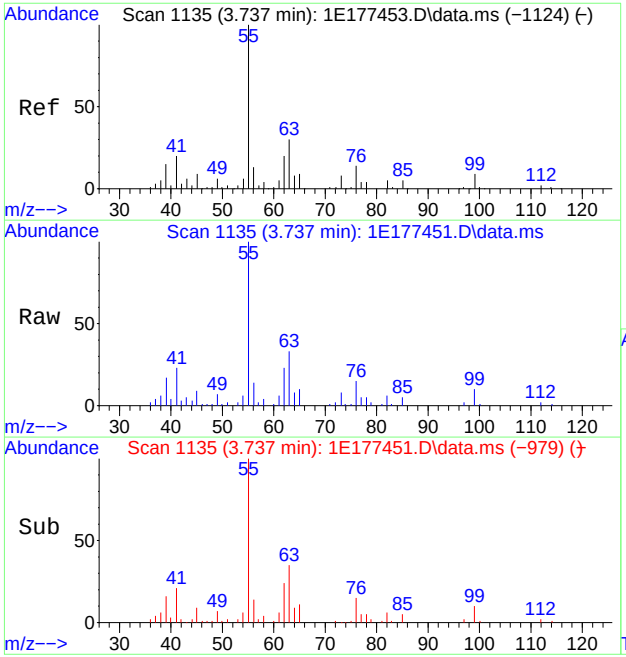


#58
n-butyl alcohol
Concen: 911.42 ug/L
RT: 3.586 min Scan# 1088
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 56 Resp: 48956

Ion	Ratio	Lower	Upper
56	100		
41	66.3	46.6	86.6
55	17.3	0.0	39.2

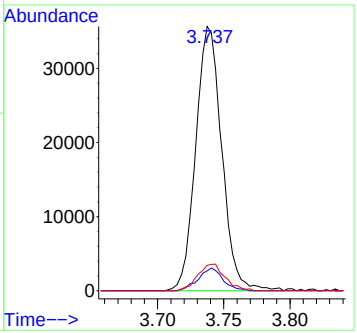


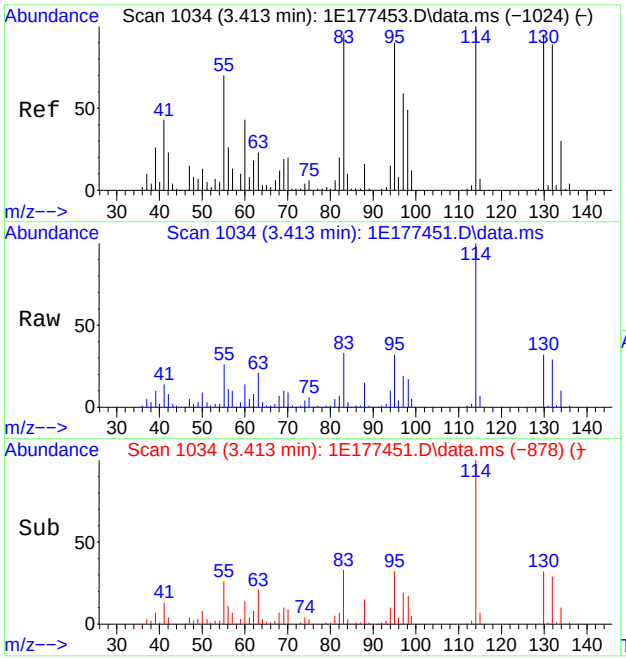


#59
ethyl acrylate
Concen: 20.35 ug/L
RT: 3.737 min Scan# 1135
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 55 Resp: 48819

Ion	Ratio	Lower	Upper
55	100		
73	7.5	0.0	37.9
99	9.7	0.0	38.9

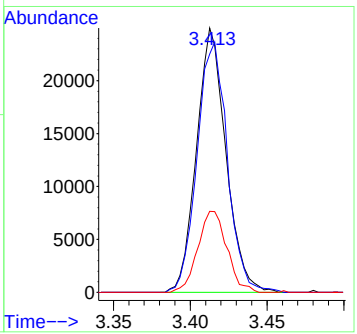


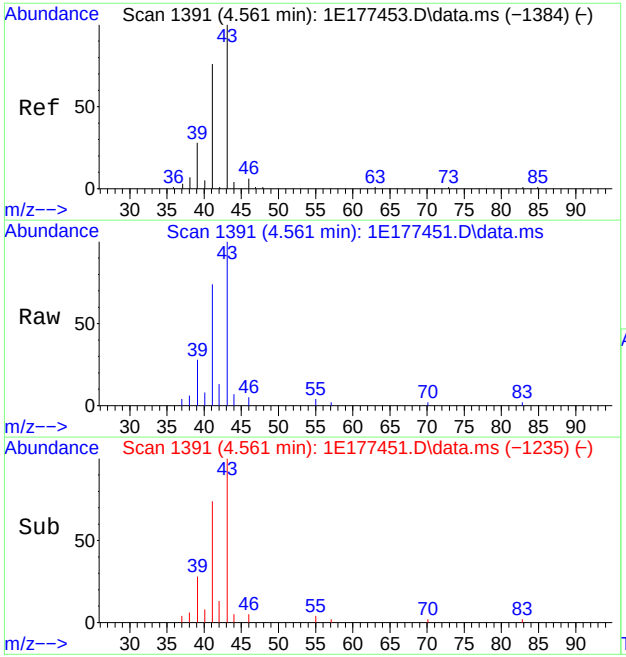


#60
trichloroethene
Concen: 21.62 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:130 Resp: 33352

Ion	Ratio	Lower	Upper
130	100		
132	90.1	63.8	123.8
134	30.7	1.3	61.3

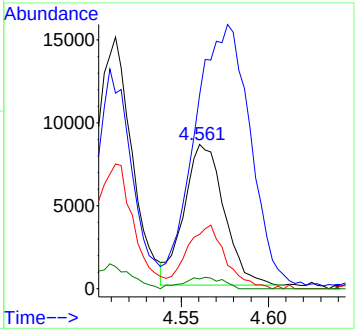


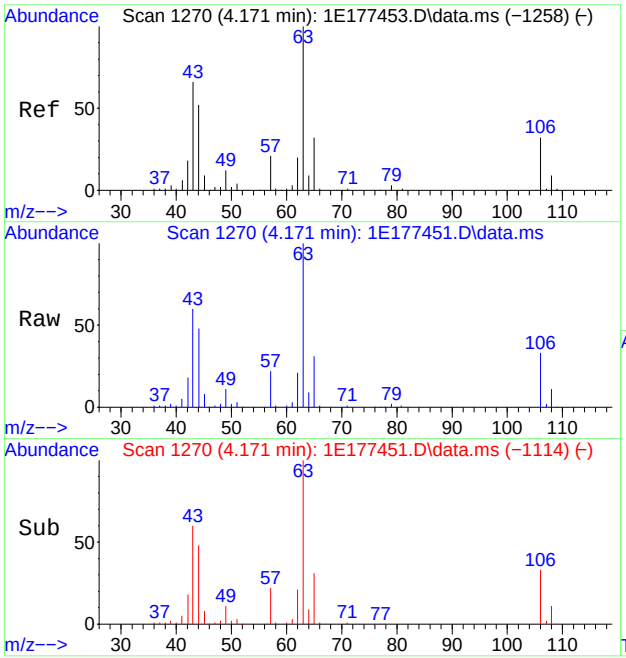


#61
2-nitropropane
Concen: 17.24 ug/L
RT: 4.561 min Scan# 1391
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 41 Resp: 13558

Ion	Ratio	Lower	Upper
41	100		
43	128.0	93.3	153.3
39	38.8	9.2	69.2
46	7.1	0.0	37.8

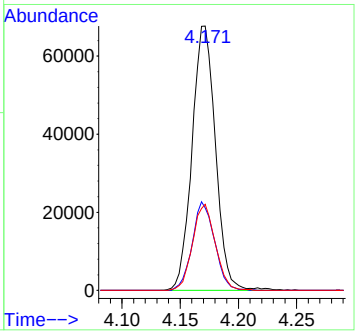


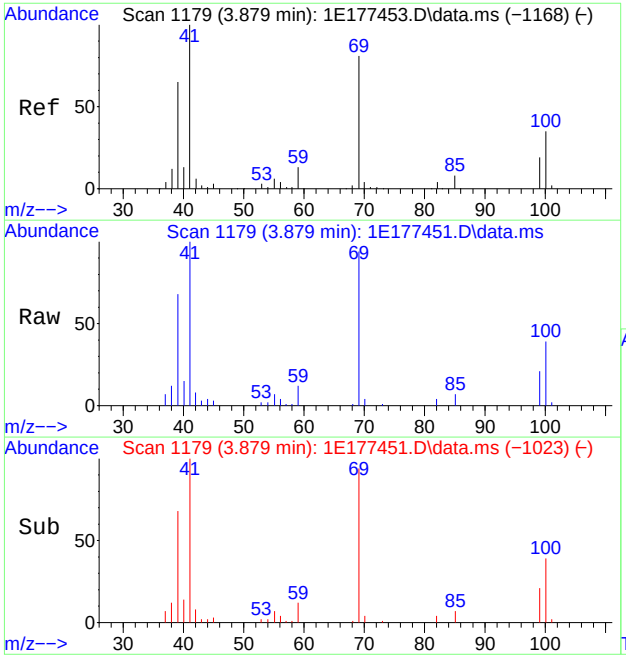


#62
2-chloroethyl vinyl ether
Concen: 113.89 ug/L
RT: 4.171 min Scan# 1270
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 63 Resp: 95176

Ion	Ratio	Lower	Upper
63	100		
65	31.2	1.9	61.9
106	32.6	2.0	62.0

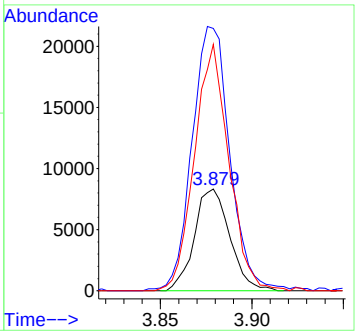


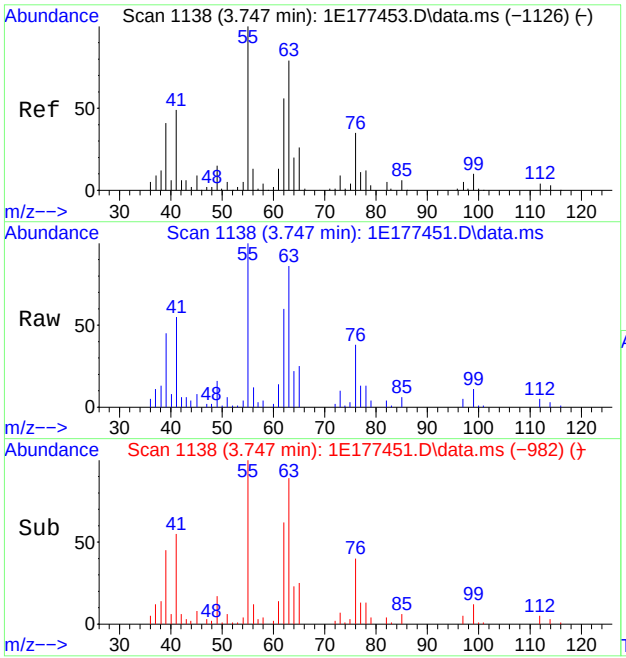


#63
methyl methacrylate
Concen: 21.18 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:100 Resp: 11228

Ion	Ratio	Lower	Upper
100	100		
41	255.0	253.3	313.3
69	239.9	198.3	258.3

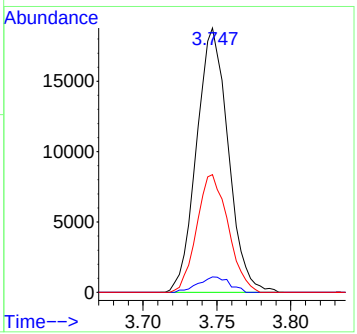


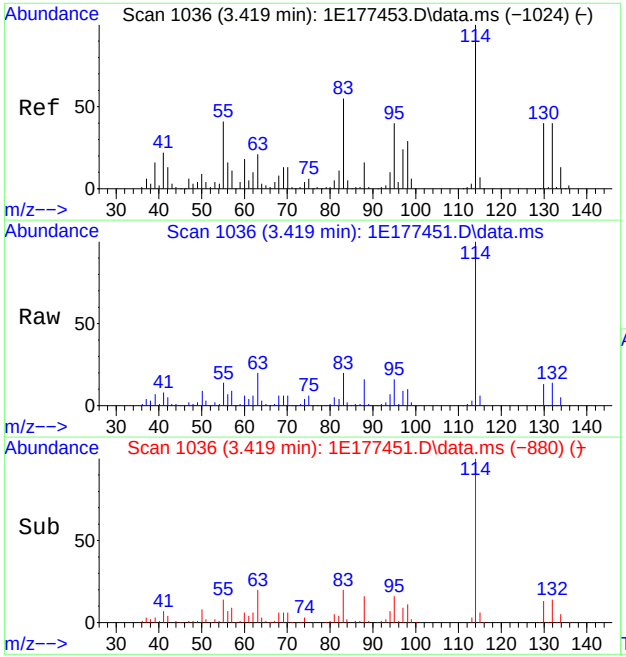


#64
1,2-dichloropropane
Concen: 20.87 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 63 Resp: 27932

Ion	Ratio	Lower	Upper
63	100		
112	5.9	0.0	34.8
76	44.5	14.8	74.8

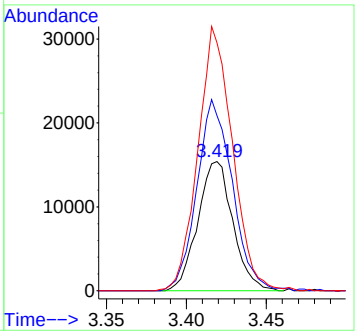


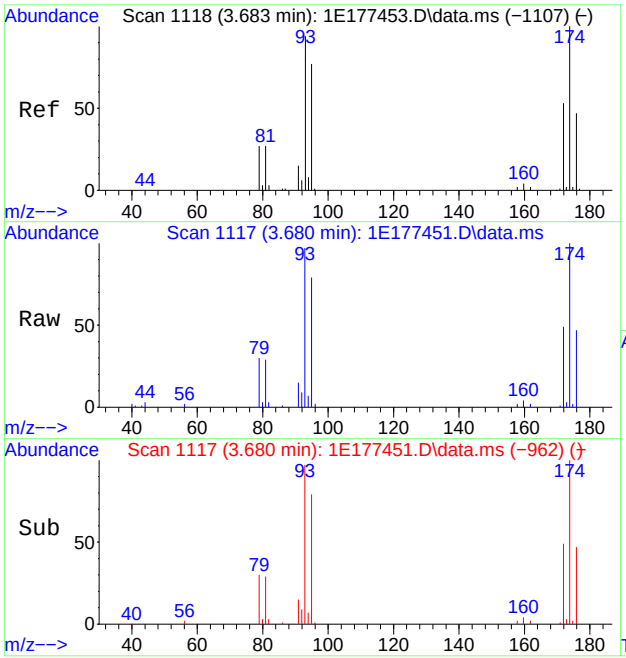


#65
methylcyclohexane
Concen: 21.42 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 98 Resp: 23557

Ion	Ratio	Lower	Upper
98	100		
55	135.4	109.6	169.6
83	190.4	187.2	187.2#

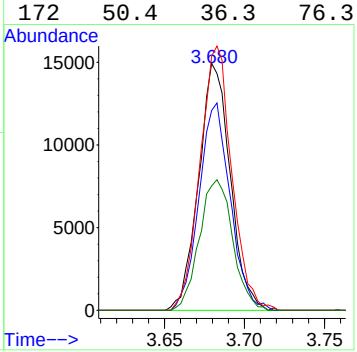


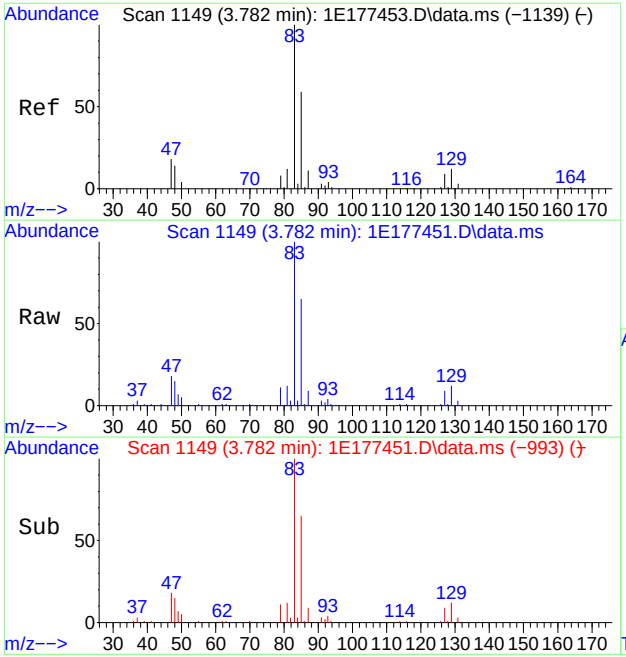


#66
dibromomethane
Concen: 20.34 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 93 Resp: 20479

Ion	Ratio	Lower	Upper
93	100		
95	81.0	51.7	111.7
174	103.0	76.6	136.6
172	50.4	36.3	76.3

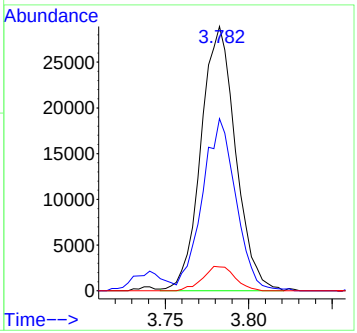


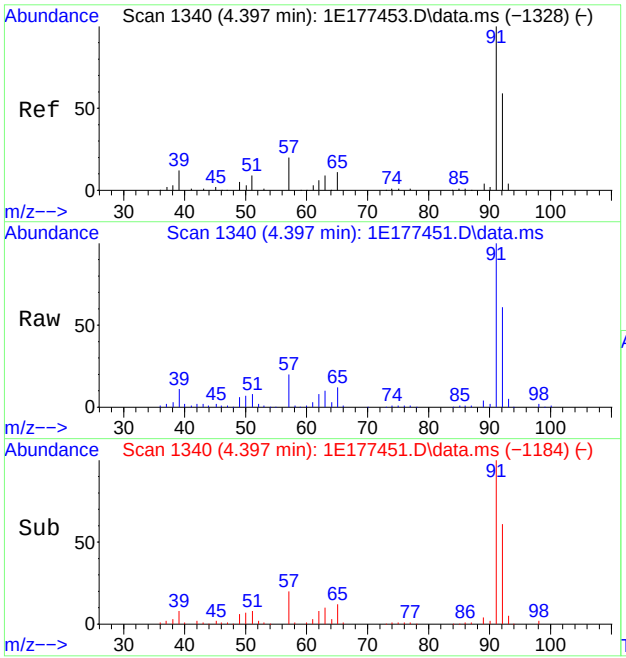


#67
bromodichloromethane
Concen: 21.43 ug/L
RT: 3.782 min Scan# 1149
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 83 Resp: 41761

Ion	Ratio	Lower	Upper
83	100		
85	64.5	33.0	93.0
127	9.1	0.0	38.8

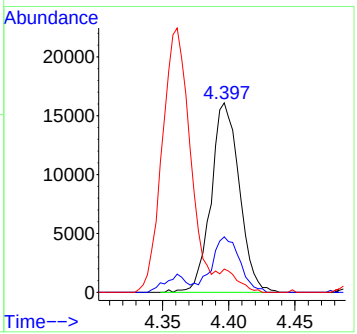


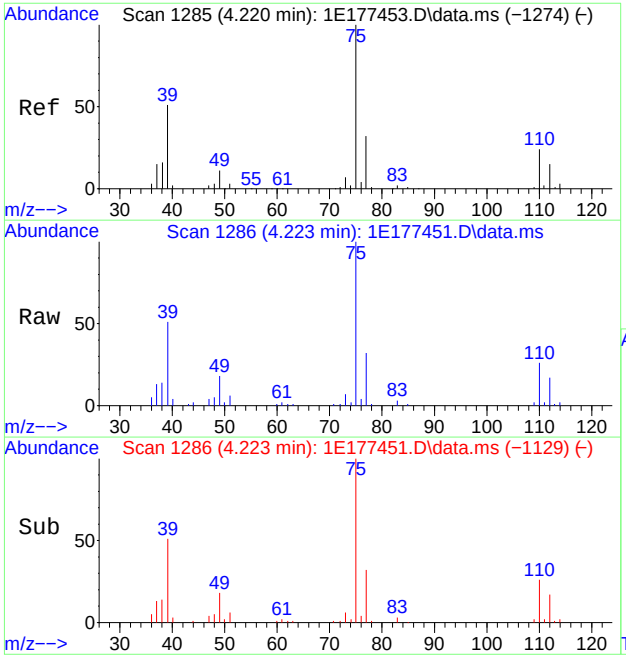


#68
epichlorohydrin
Concen: 97.36 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 57 Resp: 23854

Ion	Ratio	Lower	Upper
57	100		
49	29.3	8.6	48.6
42	12.3	0.0	30.2

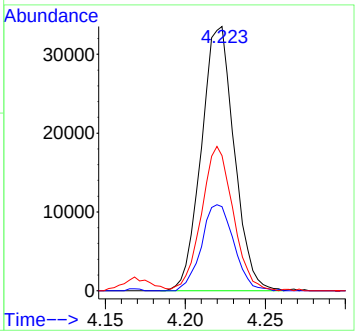


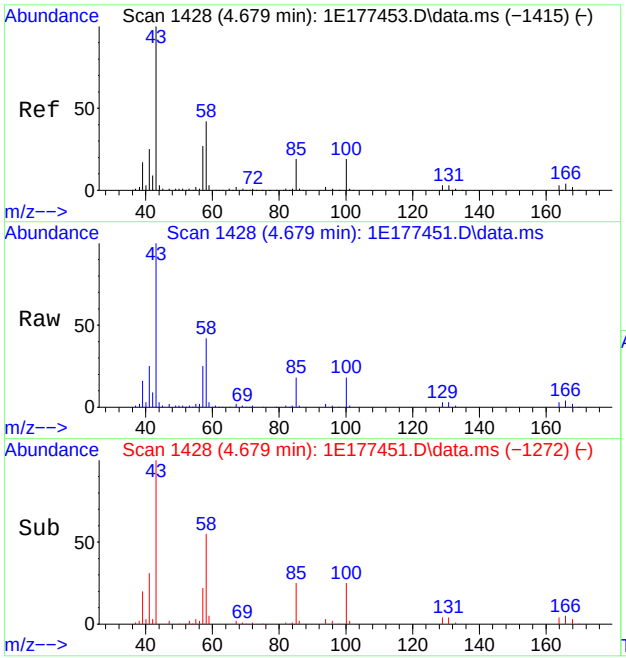


#69
cis-1,3-dichloropropene
Concen: 21.00 ug/L
RT: 4.223 min Scan# 1286
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 75 Resp: 48056

Ion	Ratio	Lower	Upper
75	100		
77	31.9	2.1	62.1
39	50.5	23.0	83.0

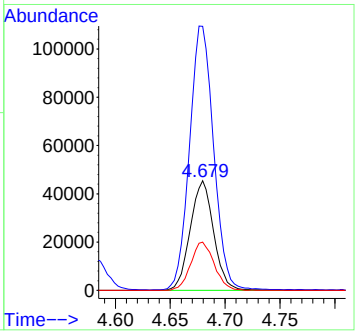


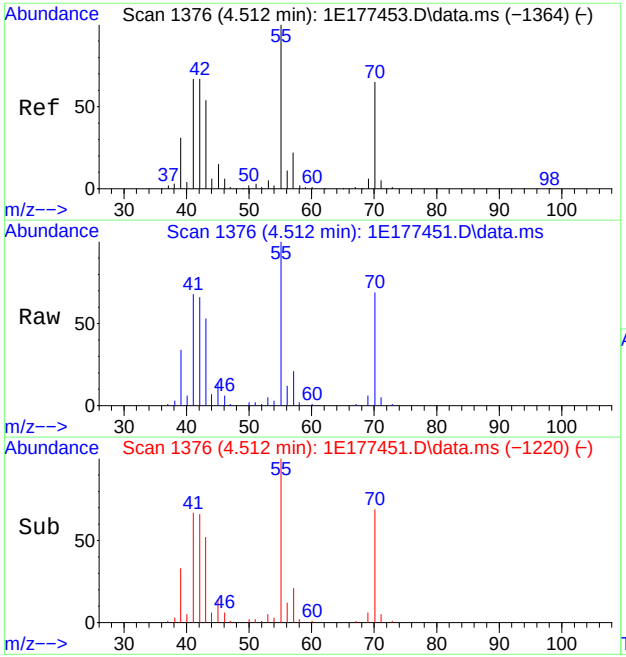


#70
4-methyl-2-pentanone
Concen: 85.40 ug/L
RT: 4.679 min Scan# 1428
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 58 Resp: 67589

Ion	Ratio	Lower	Upper
58	100		
43	240.0	210.4	270.4
100	43.9	14.6	74.6

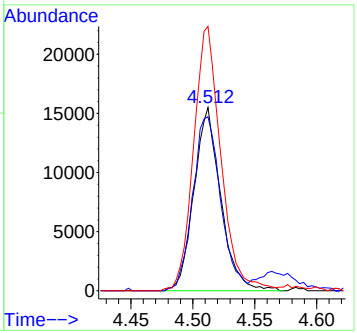


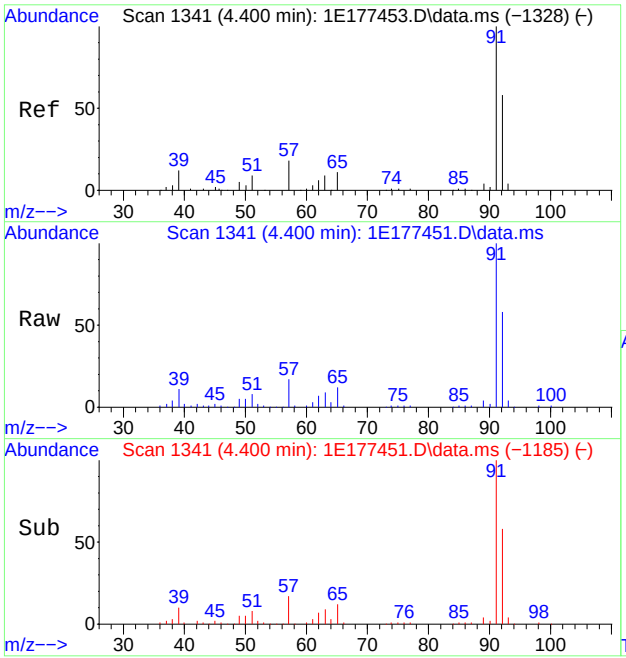


#71
3-methyl-1-butanol
Concen: 393.00 ug/L
RT: 4.512 min Scan# 1376
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 70 Resp: 23330

Ion	Ratio	Lower	Upper
70	100		
42	95.0	73.1	133.1
55	144.2	123.9	183.9

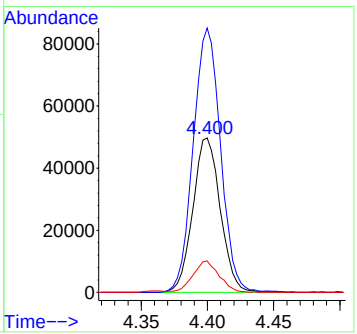


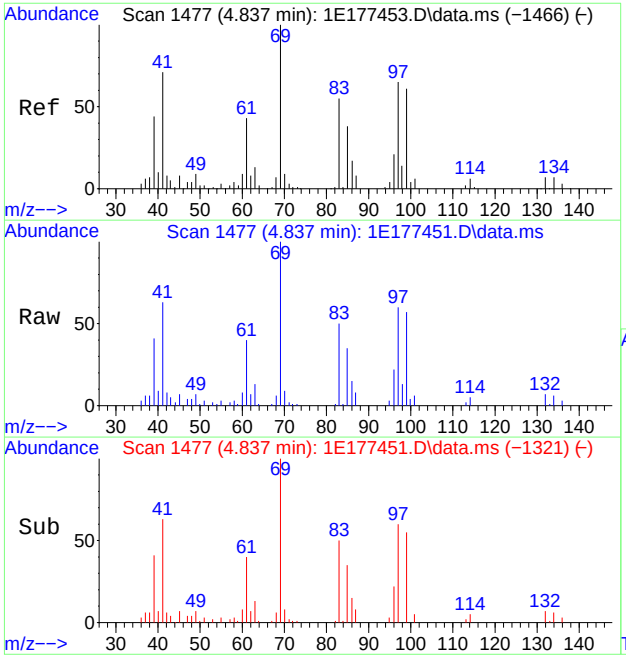


#74
toluene
Concen: 21.14 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 92 Resp: 71834

Ion	Ratio	Lower	Upper
92	100		
91	171.1	151.4	191.4
65	20.4	0.0	39.2

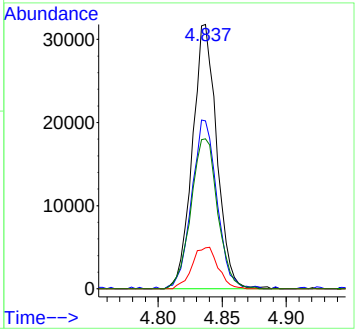


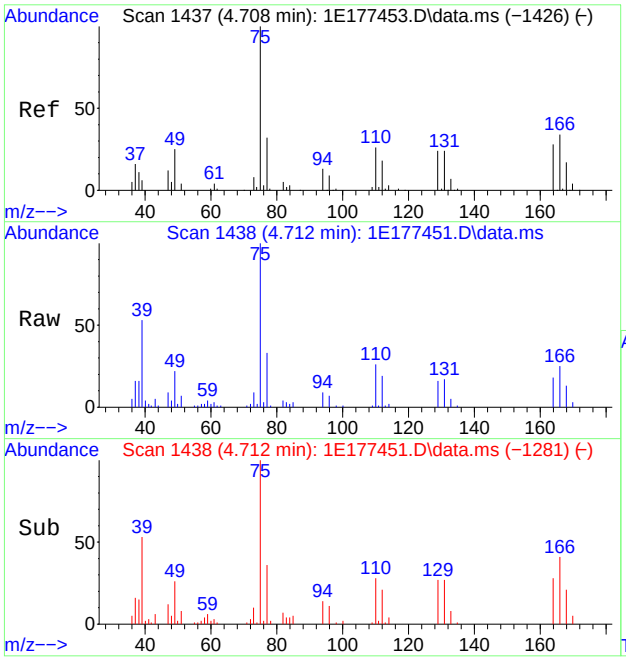


#75
ethyl methacrylate
Concen: 21.00 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 69 Resp: 42130

Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.1	91.1
86	15.5	0.0	36.7
99	56.7	41.3	81.3

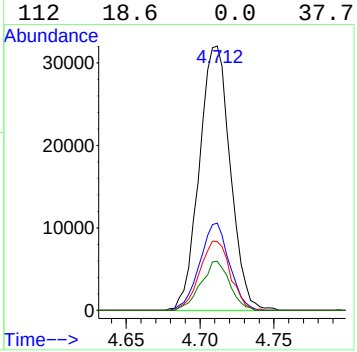


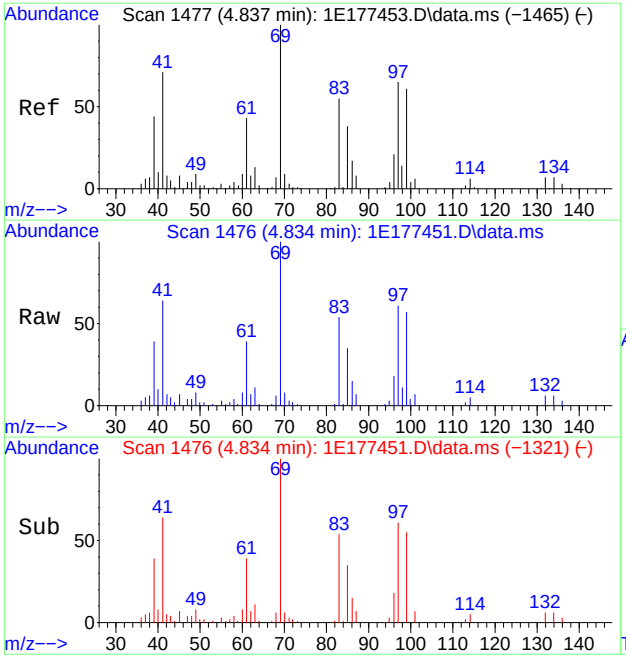


#76
trans-1,3-dichloropropene
Concen: 21.18 ug/L
RT: 4.712 min Scan# 1438
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 75 Resp: 46707

Ion	Ratio	Lower	Upper
75	100		
77	33.0	12.4	52.4
110	26.0	6.3	46.3
112	18.6	0.0	37.7

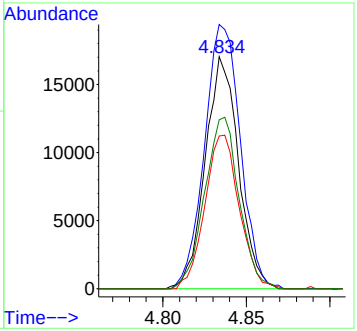


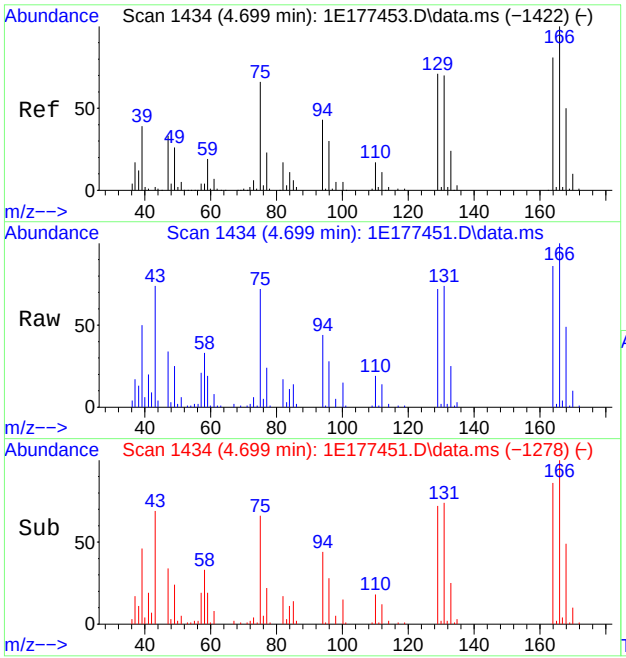


#77
1,1,2-trichloroethane
Concen: 19.58 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 83 Resp: 23635

Ion	Ratio	Lower	Upper
83	100		
97	114.0	97.4	137.4
85	65.9	48.3	88.3
61	72.9	56.7	96.7

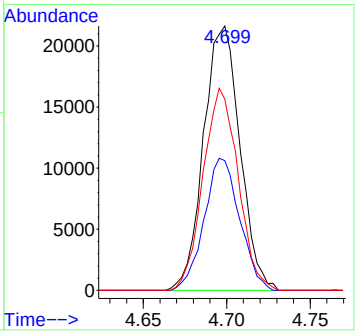




#78
tetrachloroethene
Concen: 20.24 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:166 Resp: 32826

Ion	Ratio	Lower	Upper
166	100		
168	49.0	20.1	80.1
129	72.3	41.0	101.0



7.6.7

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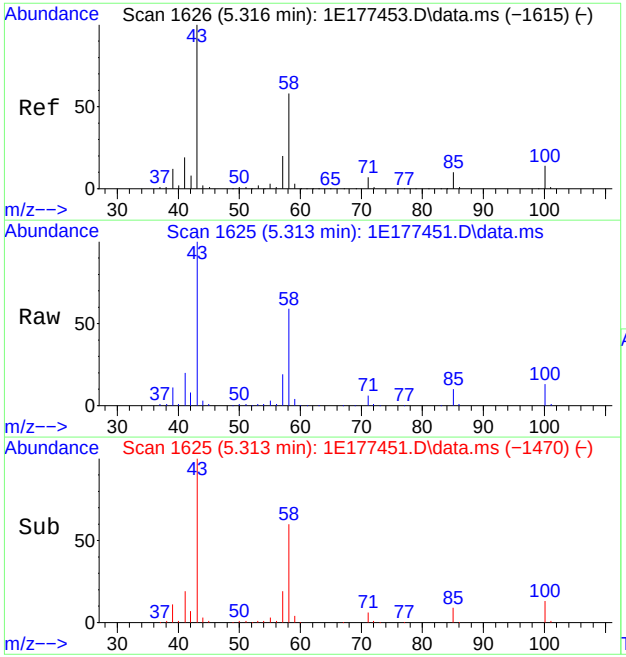
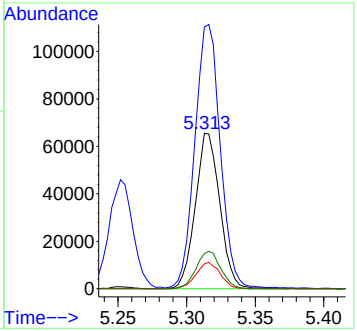
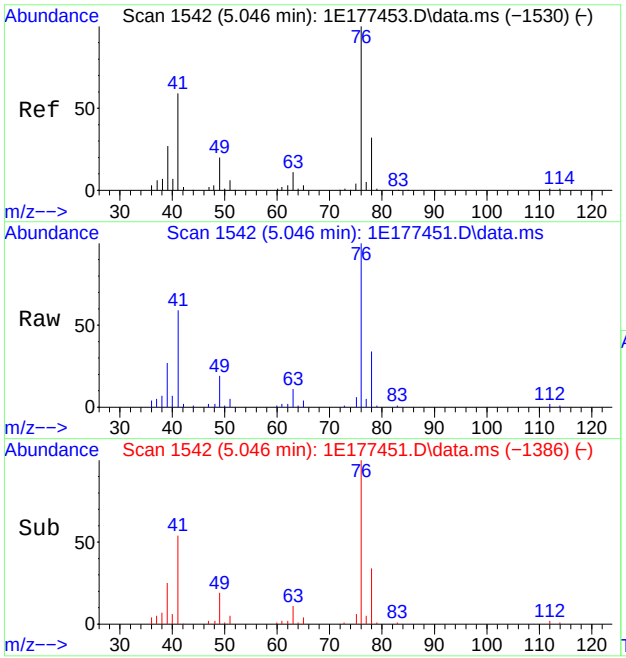


#79
2-hexanone
Concen: 82.45 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 58 Resp: 81341

Ion	Ratio	Lower	Upper
58	100		
43	167.4	153.6	193.6
85	16.0	0.0	37.1
100	22.6	5.0	45.0

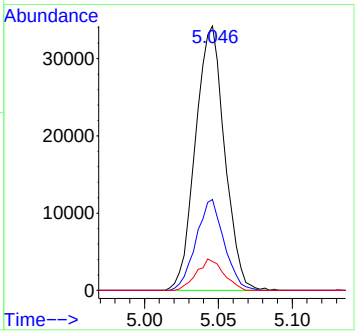


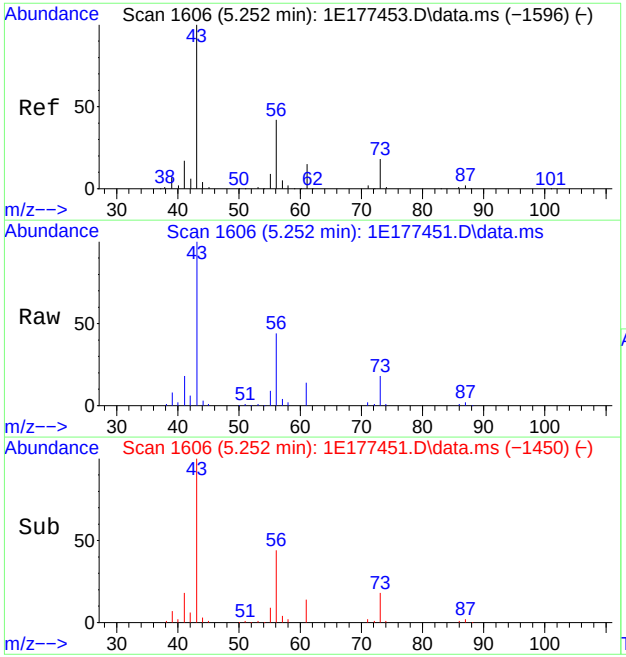


#80
1,3-dichloropropane
Concen: 20.30 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 76 Resp: 46936

Ion	Ratio	Lower	Upper
76	100		
78	34.4	2.4	62.4
63	11.0	0.0	41.1

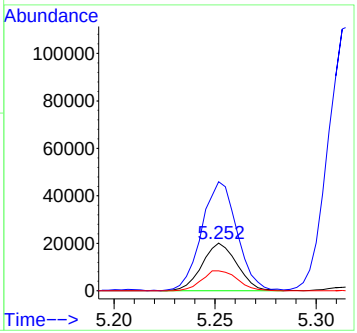


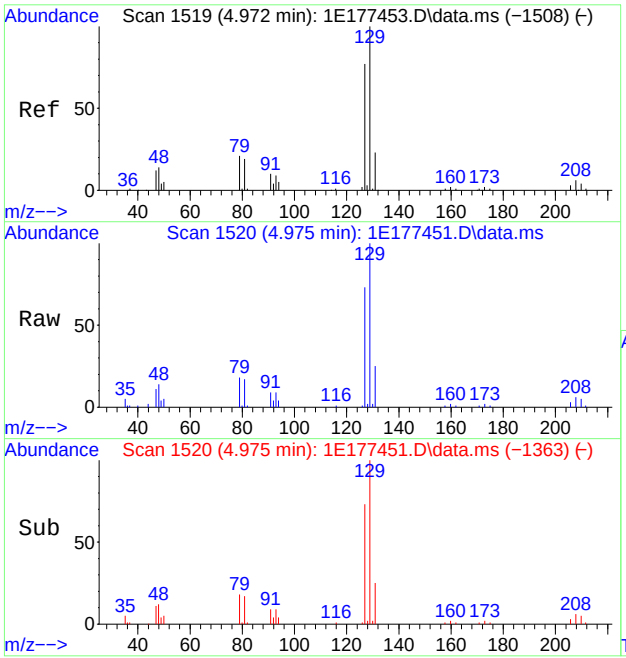


#81
butyl acetate
Concen: 20.70 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 56 Resp: 24208

Ion	Ratio	Lower	Upper
56	100		
43	228.6	205.8	265.8
73	42.0	13.1	73.1

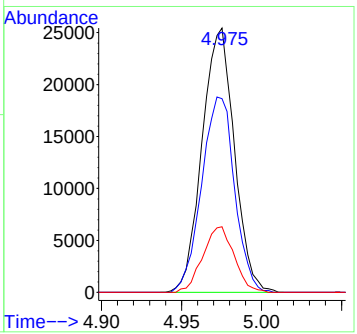


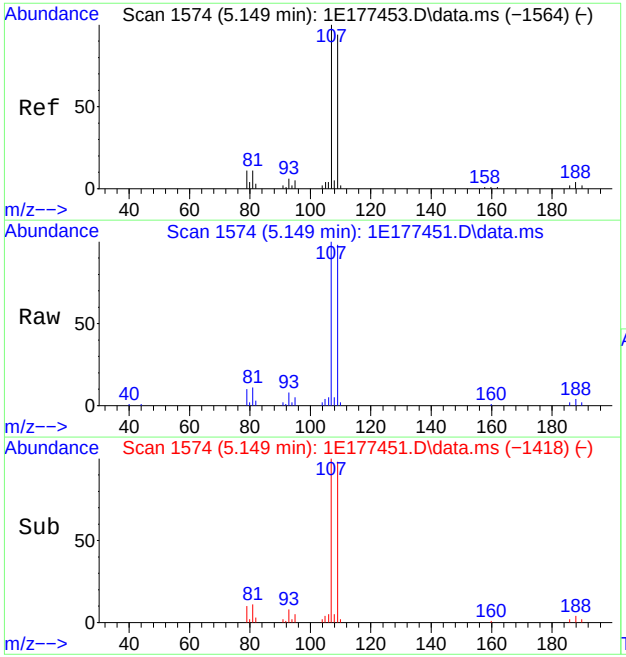


#82
dibromochloromethane
Concen: 20.27 ug/L
RT: 4.975 min Scan# 1520
Delta R.T. 0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:129 Resp: 35746

Ion	Ratio	Lower	Upper
129	100		
127	73.3	47.3	107.3
131	24.8	0.0	52.9

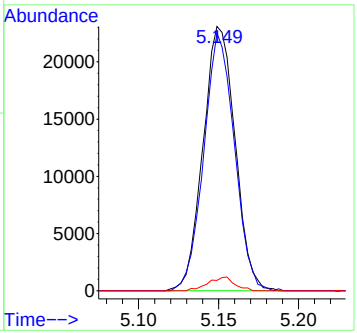


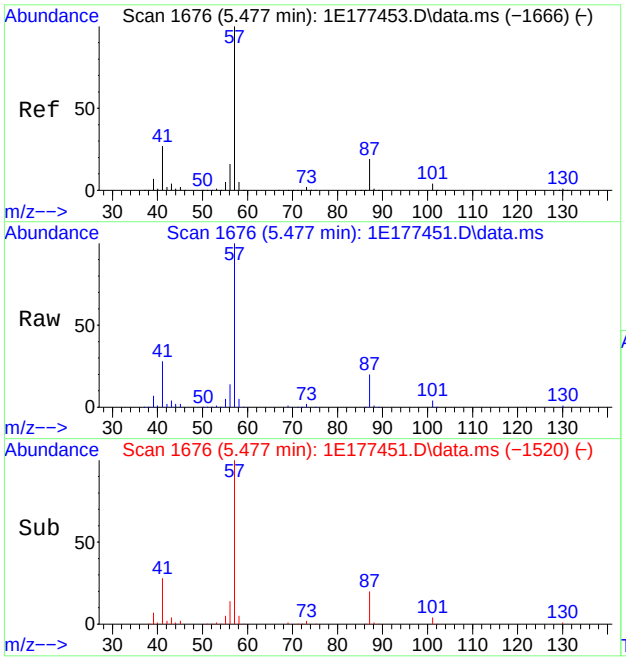


#83
1,2-dibromoethane
Concen: 21.03 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:107 Resp: 32215

Ion	Ratio	Lower	Upper
107	100		
109	97.5	63.9	123.9
188	4.0	0.0	34.1

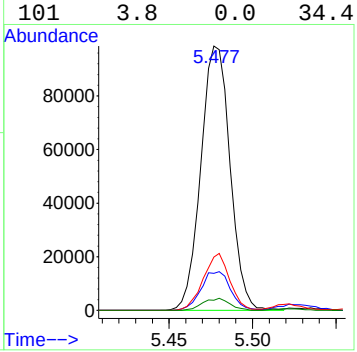


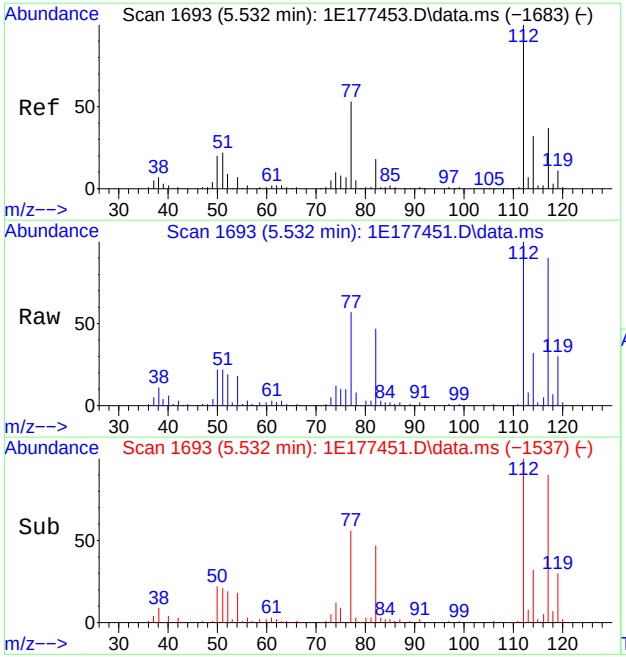


#84
n-butyl ether
Concen: 21.69 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 57 Resp: 120186

Ion	Ratio	Lower	Upper
57	100		
56	14.1	0.0	45.9
87	20.2	0.0	49.2
101	3.8	0.0	34.4

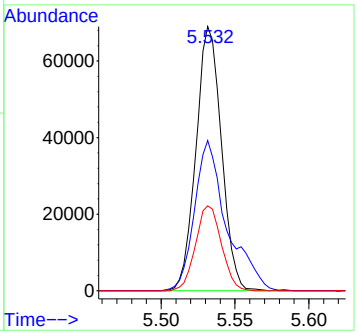


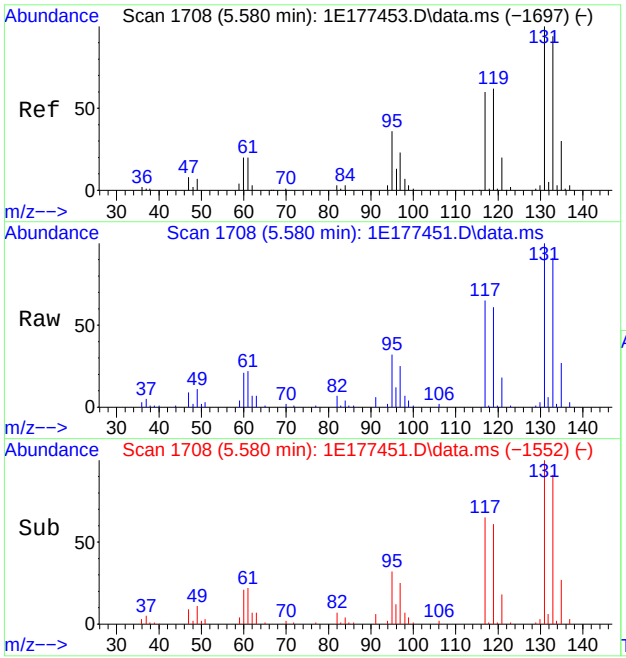


#85
chlorobenzene
Concen: 20.69 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:112 Resp: 82626

Ion	Ratio	Lower	Upper
112	100		
77	56.9	23.2	83.2
114	32.2	2.3	62.3

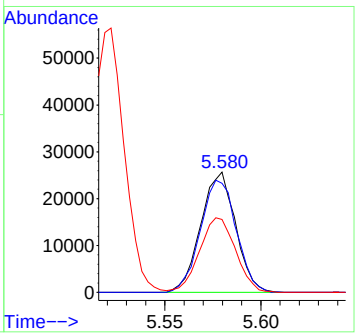




#86
1,1,1,2-tetrachloroethane
Concen: 21.22 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:131 Resp: 32419

Ion	Ratio	Lower	Upper
131	100		
133	90.6	64.5	124.5
119	60.6	33.5	93.5



7.6.7

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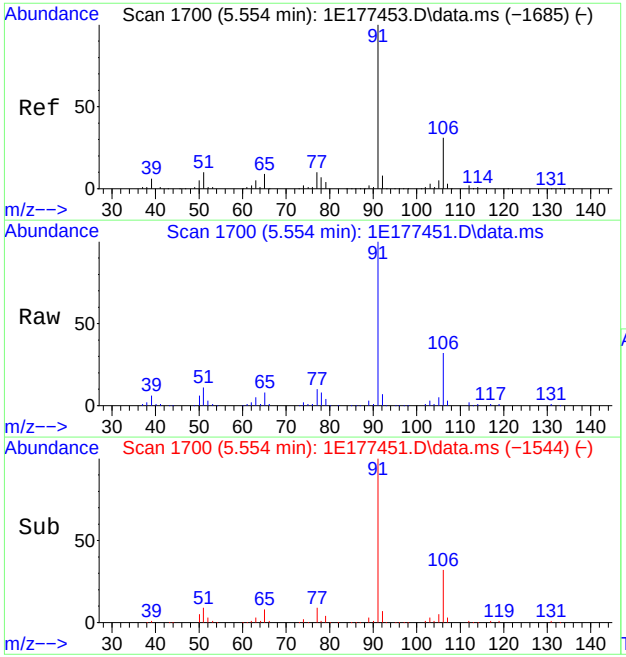
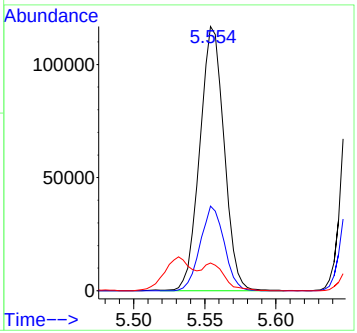
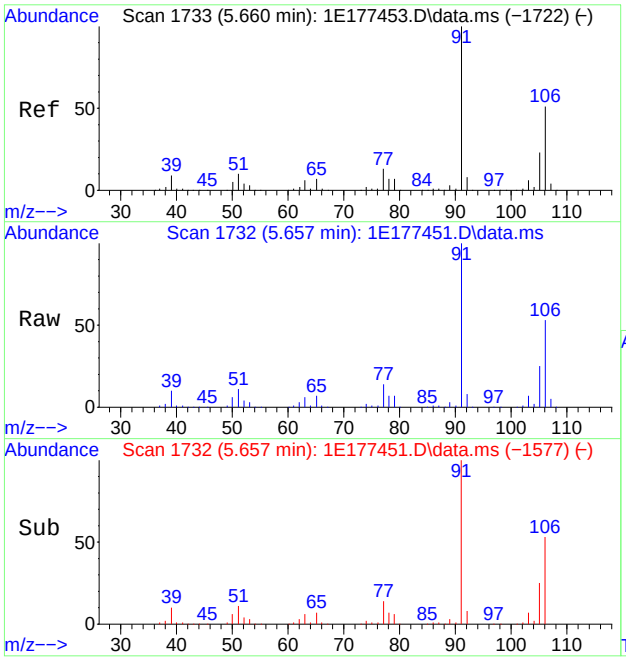


#87
ethylbenzene
Concen: 21.31 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 91 Resp: 139028

Ion	Ratio	Lower	Upper
91	100		
106	32.0	1.0	61.0
51	10.6	0.0	40.1

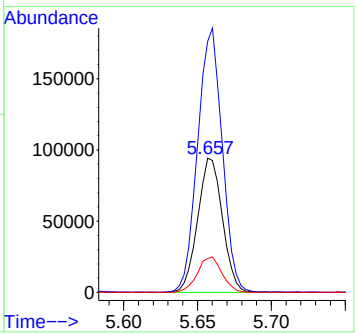


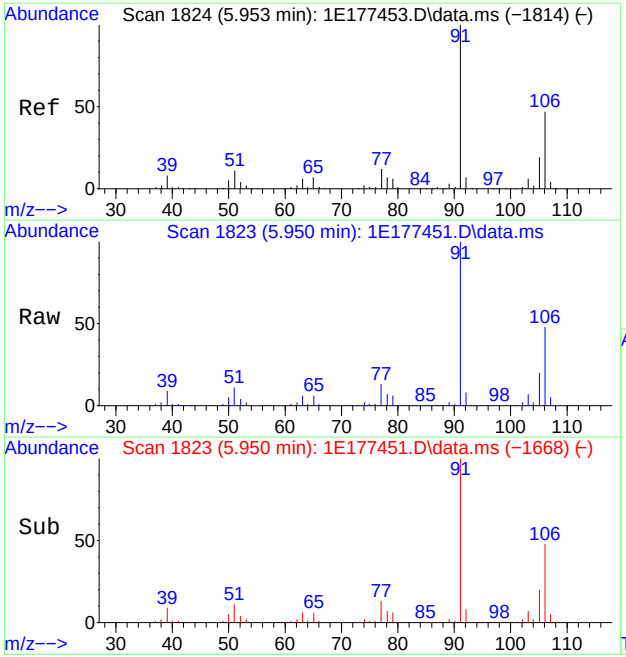


#88
m,p-xylene
Concen: 42.73 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:106 Resp: 109799

Ion	Ratio	Lower	Upper
106	100		
91	187.2	166.4	226.4
77	25.4	5.3	45.3

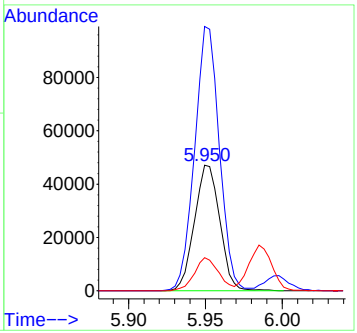


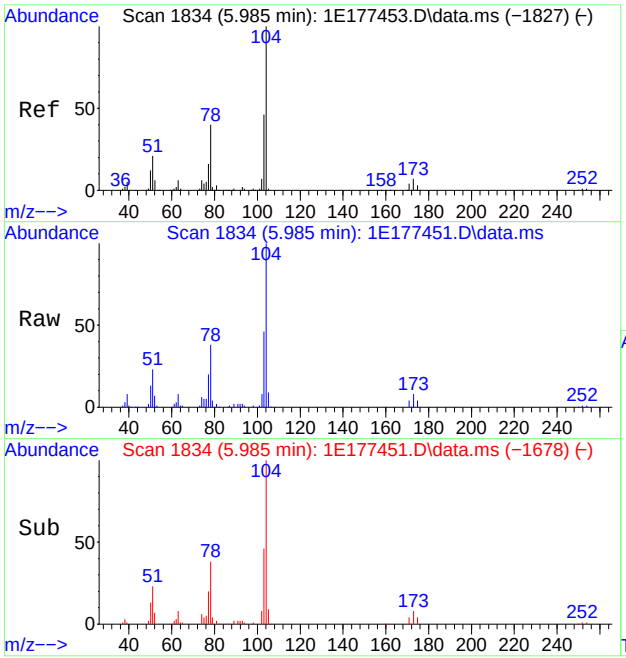


#89
o-xylene
Concen: 21.33 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:106 Resp: 54177

Ion	Ratio	Lower	Upper
106	100		
91	210.4	184.0	244.0
77	26.3	6.6	46.6

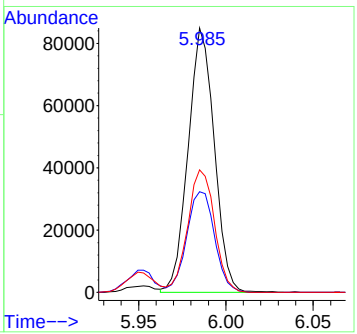


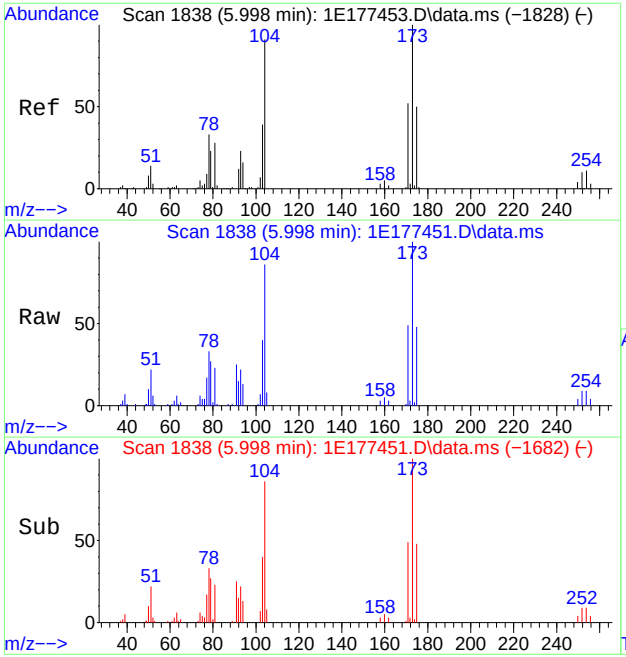


#90
styrene
Concen: 20.88 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:104 Resp: 88812

Ion	Ratio	Lower	Upper
104	100		
78	38.0	12.2	72.2
103	46.3	18.0	78.0

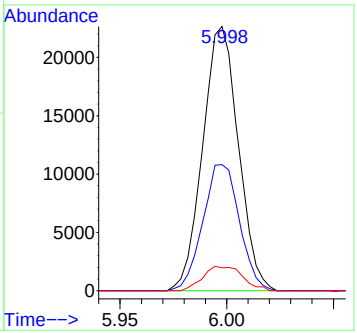


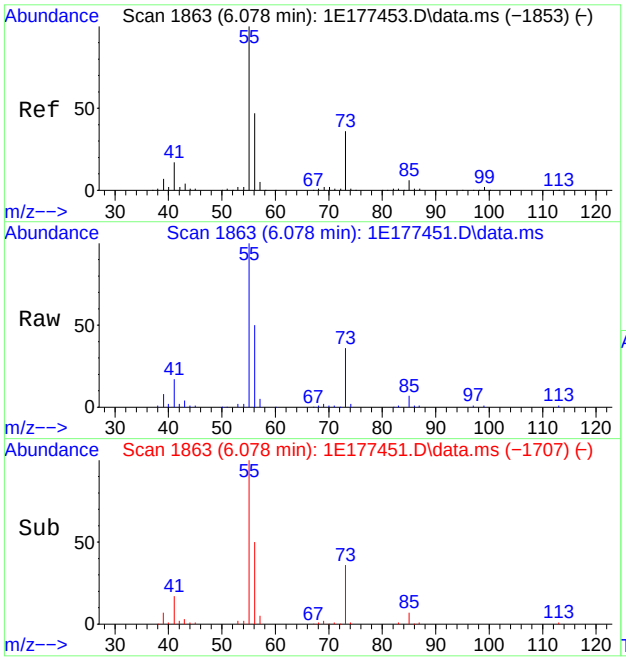


#91
bromoform
Concen: 20.74 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:173 Resp: 26387

Ion	Ratio	Lower	Upper
173	100		
175	47.7	20.2	80.2
254	8.7	0.0	40.9

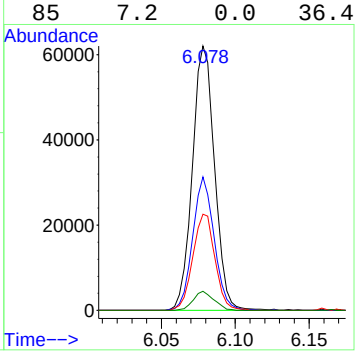




#92
butyl acrylate
Concen: 20.72 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 55 Resp: 64908

Ion	Ratio	Lower	Upper
55	100		
56	50.4	17.5	77.5
73	36.4	5.8	65.8
85	7.2	0.0	36.4



7.6.7

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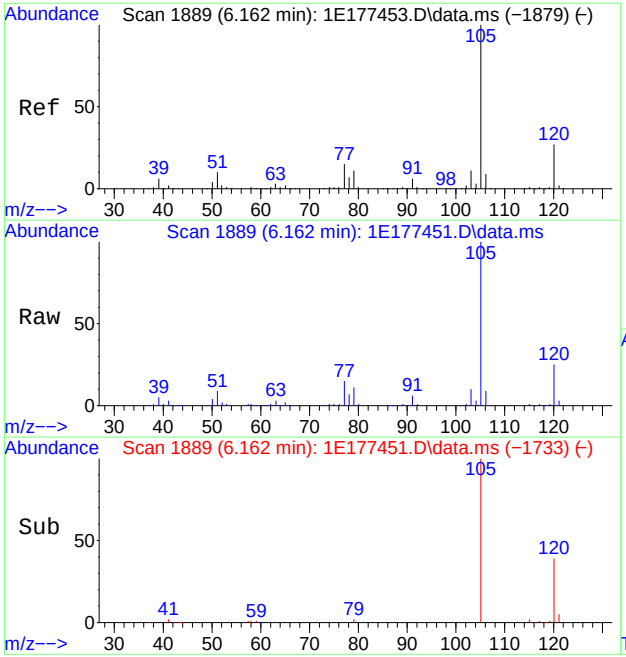
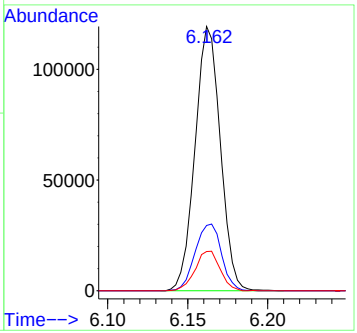
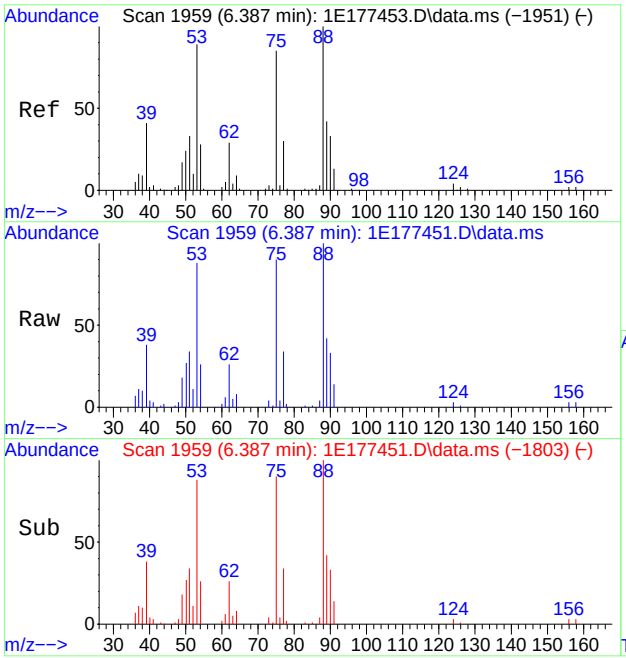


#93
isopropylbenzene
Concen: 21.54 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:105 Resp: 131520

Ion	Ratio	Lower	Upper
105	100		
120	24.7	6.8	46.8
77	14.9	0.0	34.9

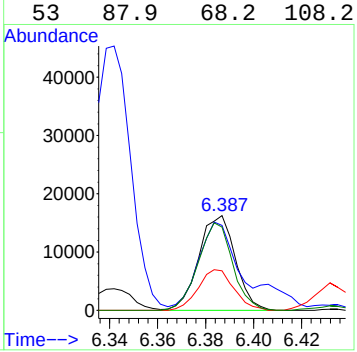




#94
cis-1,4-dichloro-2-butene
Concen: 20.83 ug/L
RT: 6.387 min Scan# 1959
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

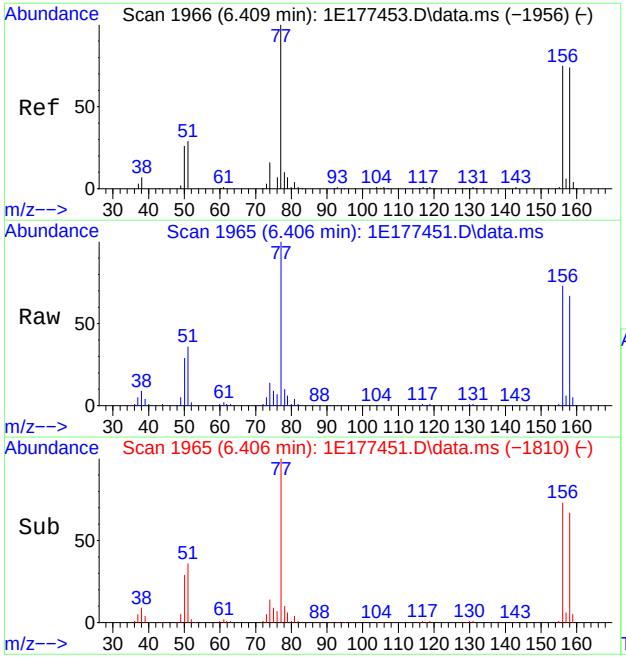
Tgt Ion: 88 Resp: 17244

Ion	Ratio	Lower	Upper
88	100		
75	83.2	64.1	104.1
89	41.9	22.2	62.2
53	87.9	68.2	108.2



7.6.7

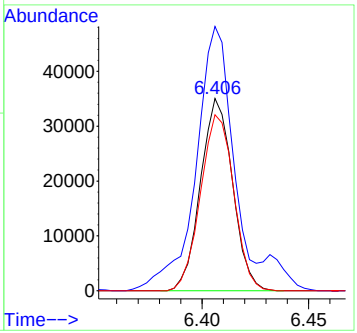
7

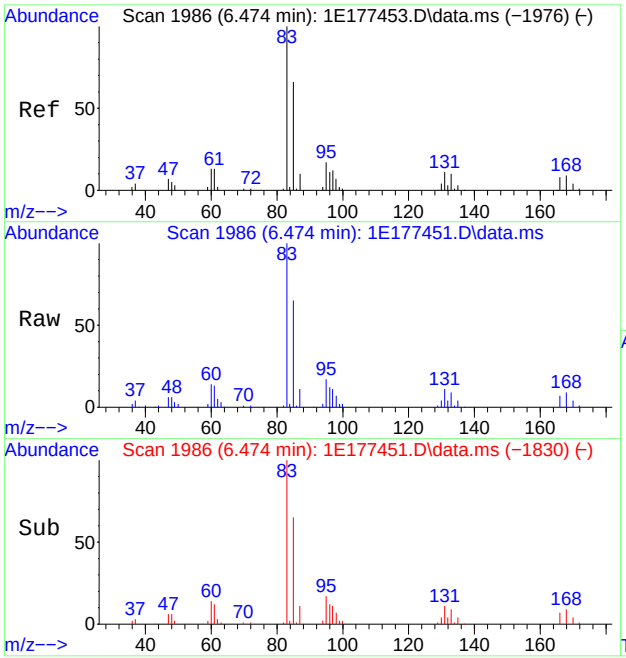


#97
bromobenzene
Concen: 21.84 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:156 Resp: 36675

Ion	Ratio	Lower	Upper
156	100		
77	127.6	106.4	166.4
158	91.6	68.2	128.2

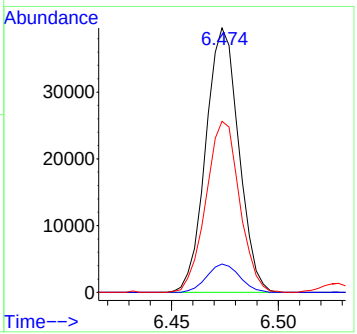


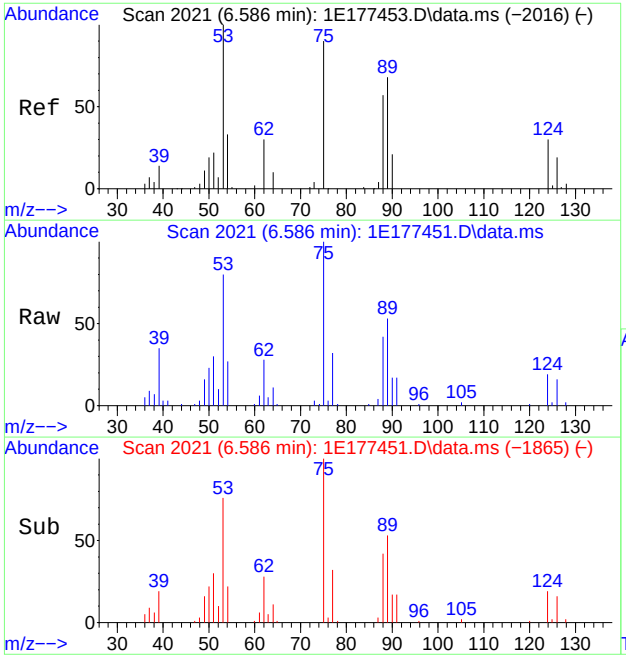


#98
1,1,2,2-tetrachloroethane
Concen: 20.80 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 83 Resp: 42635

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	41.0
85	64.6	36.4	96.4

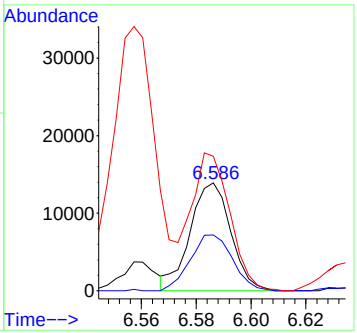


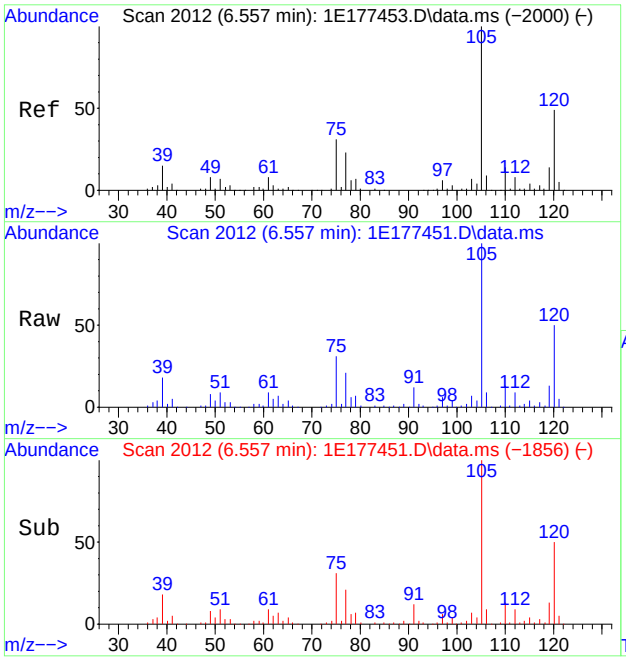


#99
trans-1,4-dichloro-2-butene
Concen: 21.65 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 53 Resp: 14344

Ion	Ratio	Lower	Upper
53	100		
88	51.8	22.7	82.7
75	124.7	94.8	154.8

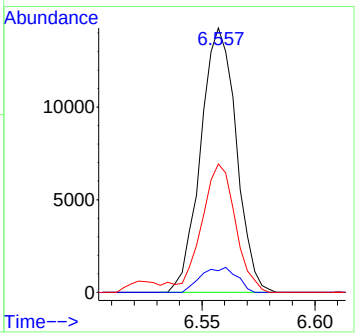


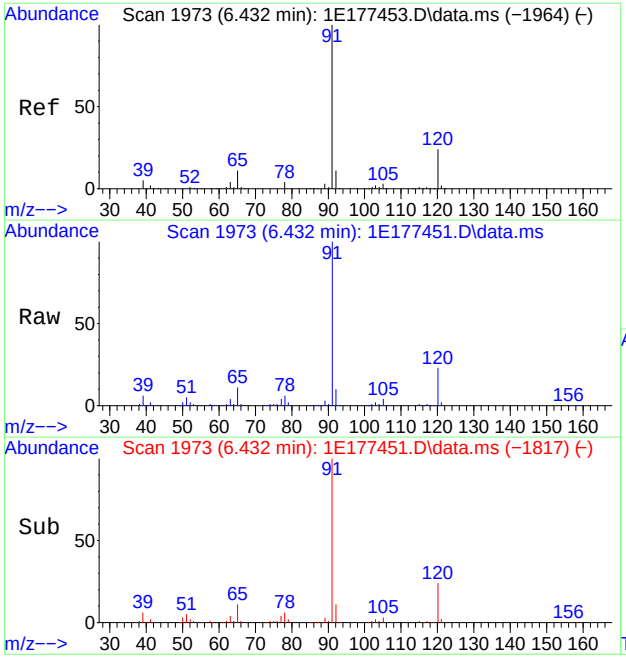


#100
1,2,3-trichloropropane
Concen: 20.66 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:110 Resp: 15620

Ion	Ratio	Lower	Upper
110	100		
111	8.2	0.0	38.2
97	48.5	14.3	74.3

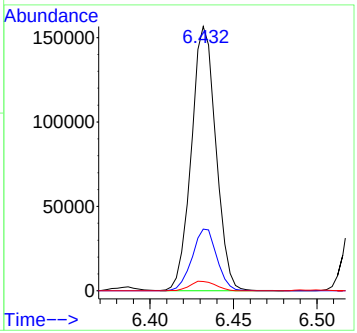


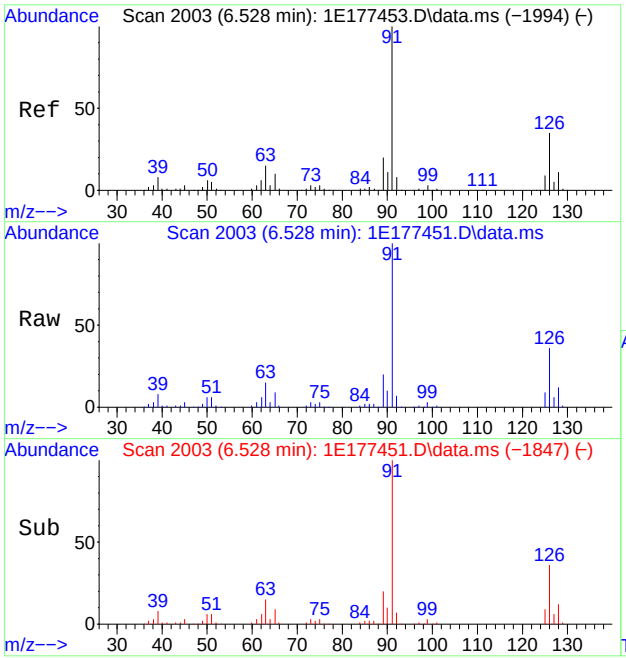


#101
n-propylbenzene
Concen: 21.62 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 91 Resp: 160243

Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	53.6
105	3.5	0.0	33.5

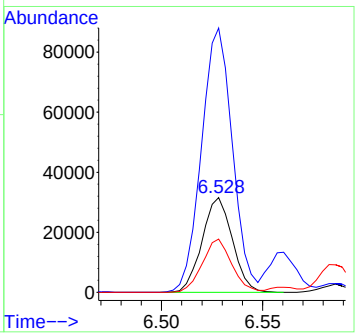


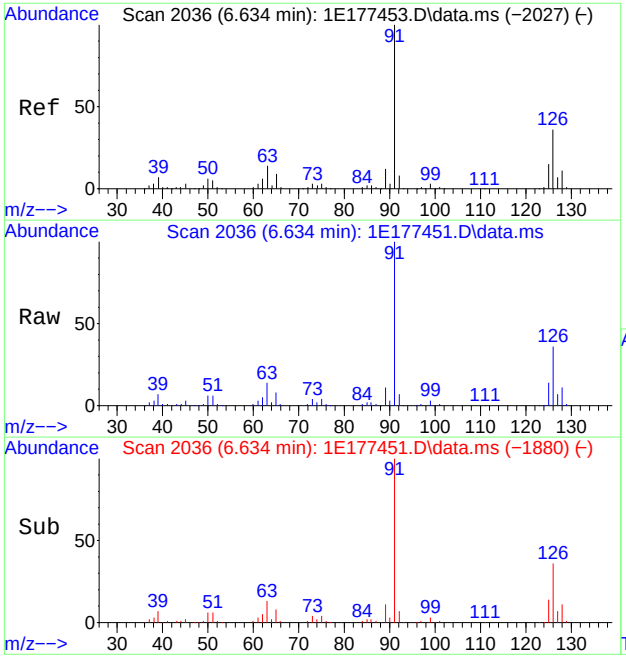


#102
2-chlorotoluene
Concen: 20.70 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:126 Resp: 32975

Ion	Ratio	Lower	Upper
126	100		
91	279.3	257.7	317.7
89	56.4	26.9	86.9

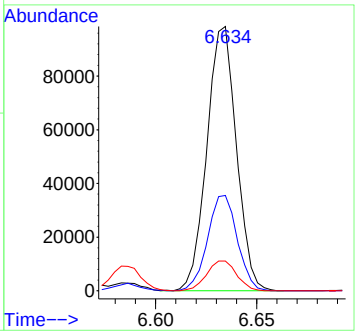


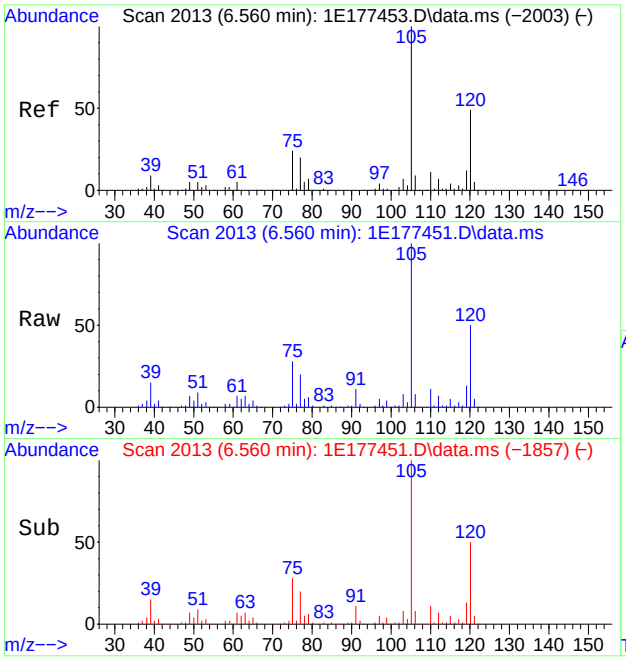


#103
4-chlorotoluene
Concen: 20.80 ug/L
RT: 6.634 min Scan# 2036
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion: 91 Resp: 100102

Ion	Ratio	Lower	Upper
91	100		
126	36.0	5.7	65.7
89	11.3	0.0	41.7

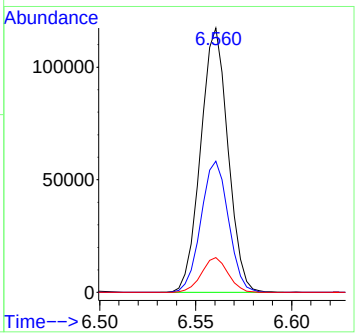


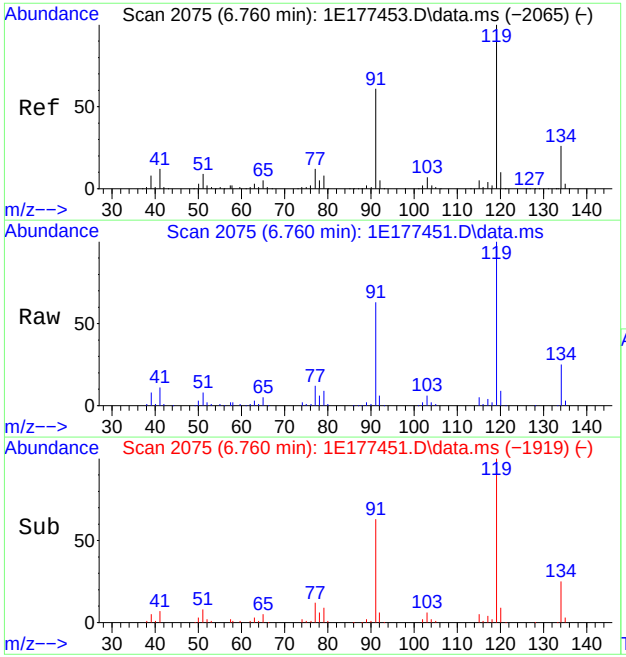


#104
1,3,5-trimethylbenzene
Concen: 21.66 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:105 Resp: 116399

Ion	Ratio	Lower	Upper
105	100		
120	49.6	18.8	78.8
119	13.2	0.0	42.5

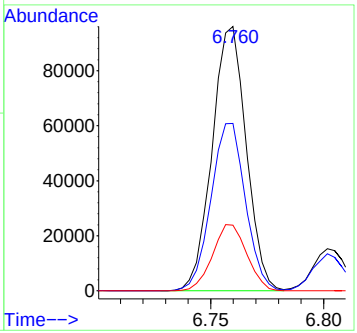


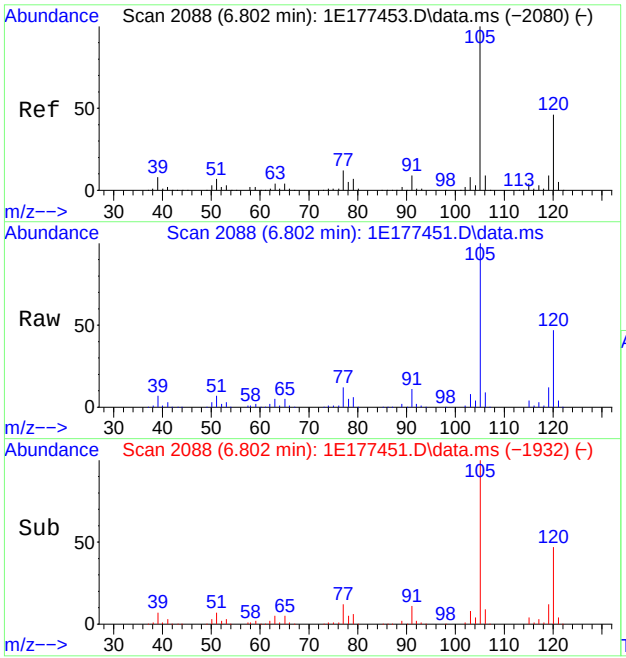


#105
tert-butylbenzene
Concen: 21.70 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:119 Resp: 100721

Ion	Ratio	Lower	Upper
119	100		
91	63.3	30.8	90.8
134	24.8	0.0	55.6

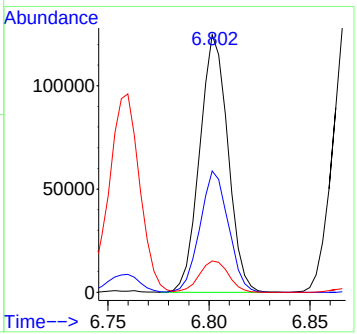


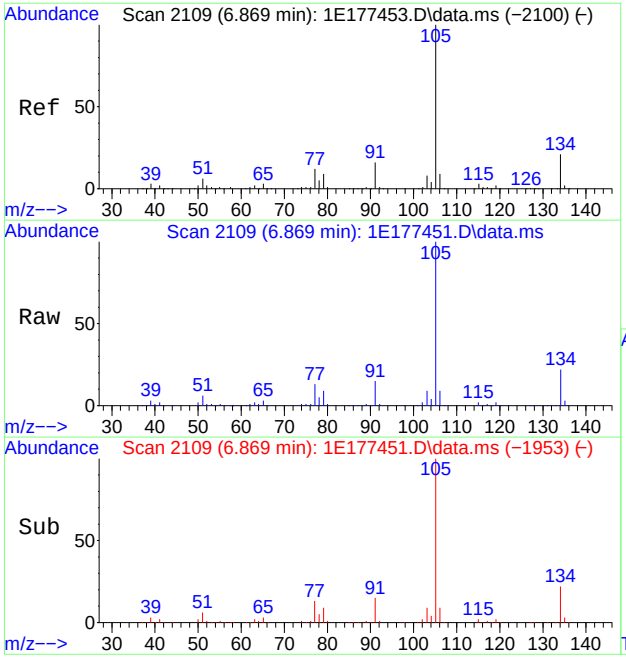


#106
1,2,4-trimethylbenzene
Concen: 21.99 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:105 Resp: 121289

Ion	Ratio	Lower	Upper
105	100		
120	47.1	16.7	76.7
119	12.2	0.0	42.3

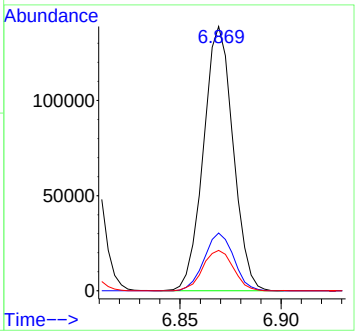


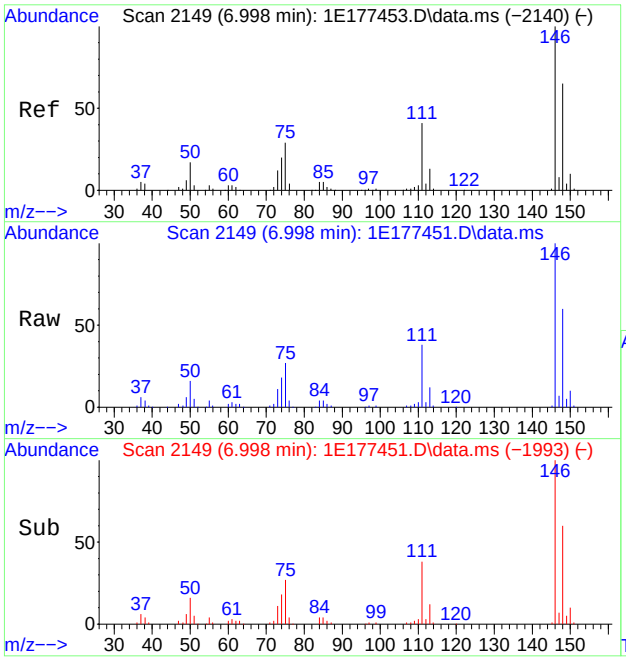


#107
sec-butylbenzene
Concen: 21.72 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:105 Resp: 141336

Ion	Ratio	Lower	Upper
105	100		
134	21.8	0.0	51.2
91	15.3	0.0	46.0

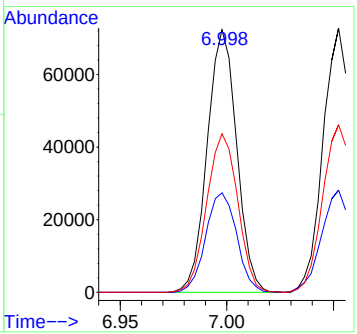


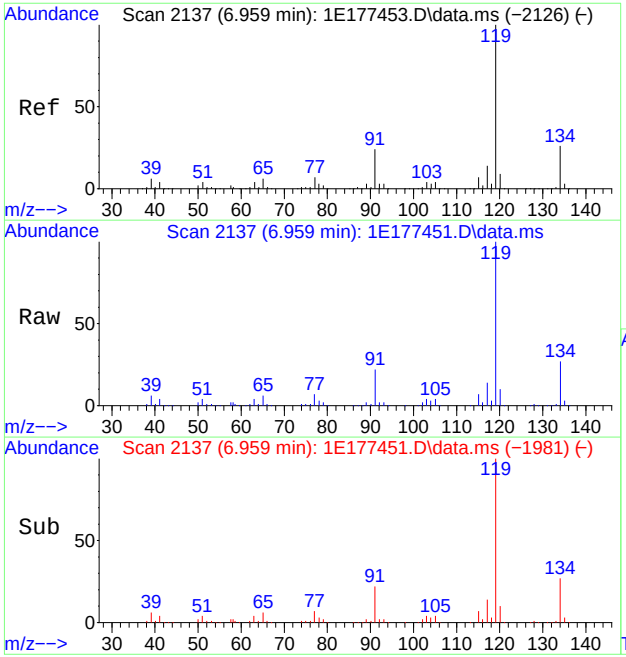


#108
1,3-dichlorobenzene
Concen: 21.62 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:146 Resp: 69733

Ion	Ratio	Lower	Upper
146	100		
111	37.9	11.3	71.3
148	60.4	34.9	94.9

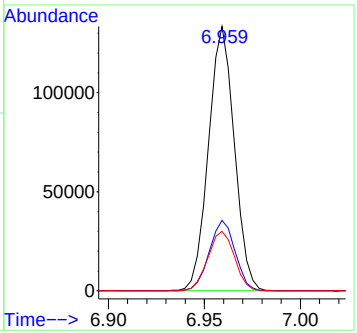


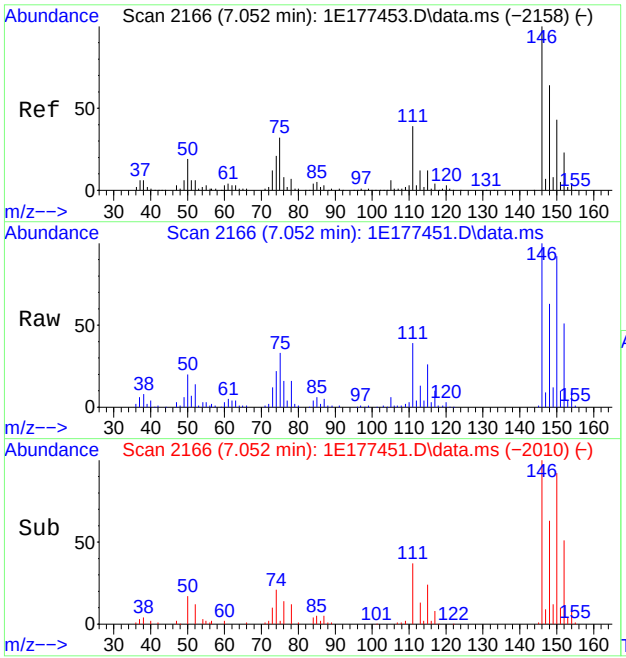


#109
p-isopropyltoluene
Concen: 22.84 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:119 Resp: 125091

Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	56.2
91	22.5	0.0	53.6

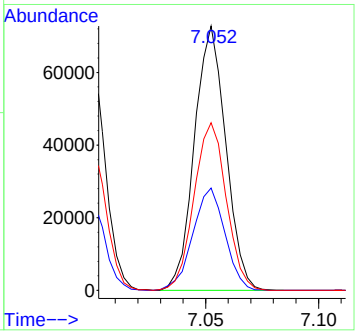


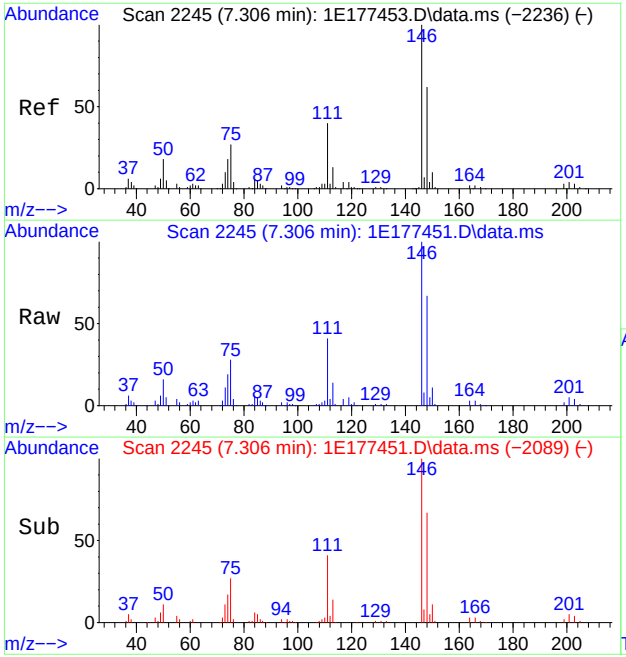


#110
1,4-dichlorobenzene
Concen: 19.92 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:146 Resp: 70234

Ion	Ratio	Lower	Upper
146	100		
111	38.7	9.4	69.4
148	63.3	34.4	94.4

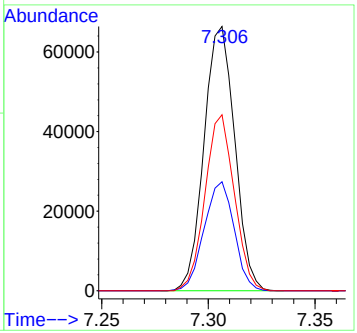


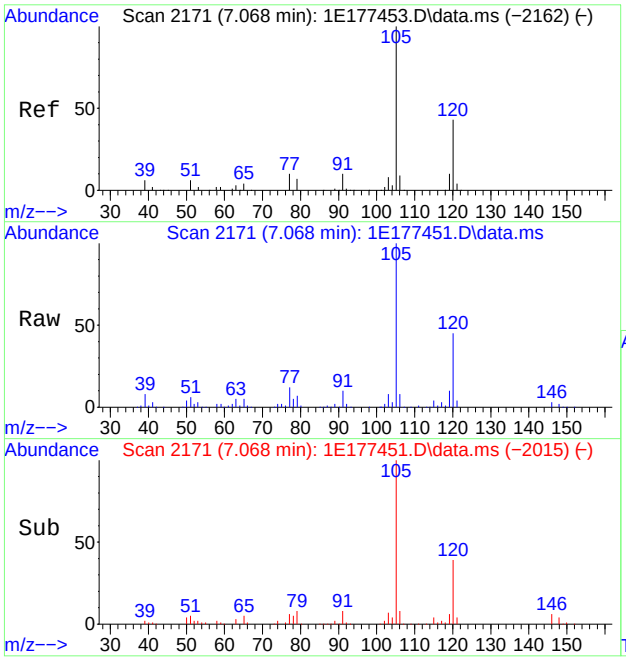


#111
1,2-dichlorobenzene
Concen: 20.38 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:146 Resp: 66766

Ion	Ratio	Lower	Upper
146	100		
111	41.2	10.1	70.1
148	66.5	31.9	91.9

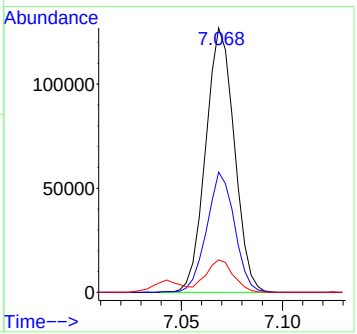


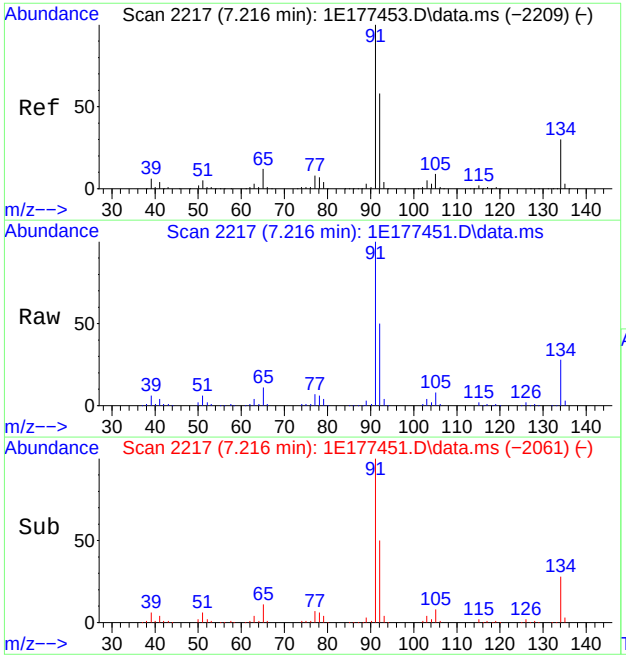


#112
1,2,3-trimethylbenzene
Concen: 21.73 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:105 Resp: 124977

Ion	Ratio	Lower	Upper
105	100		
120	45.5	13.3	73.3
77	12.3	0.0	41.9

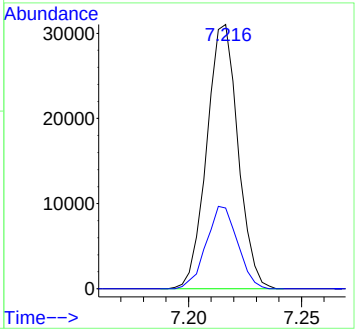


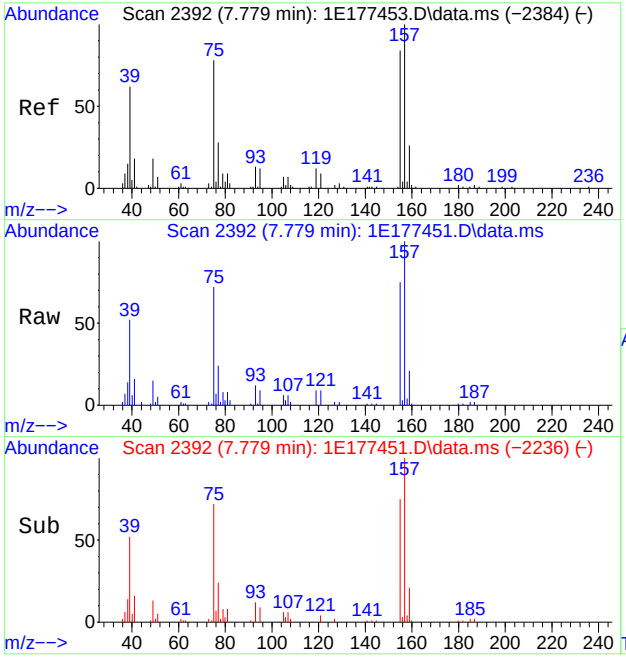


#113
n-butylbenzene
Concen: 22.74 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:134 Resp: 29795

Ion	Ratio	Lower	Upper
134	100		
105	30.5	0.7	60.7

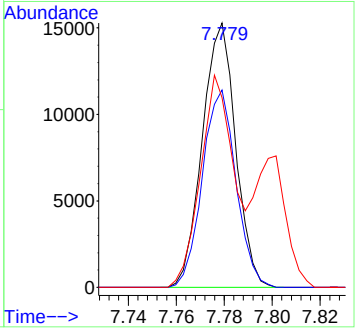


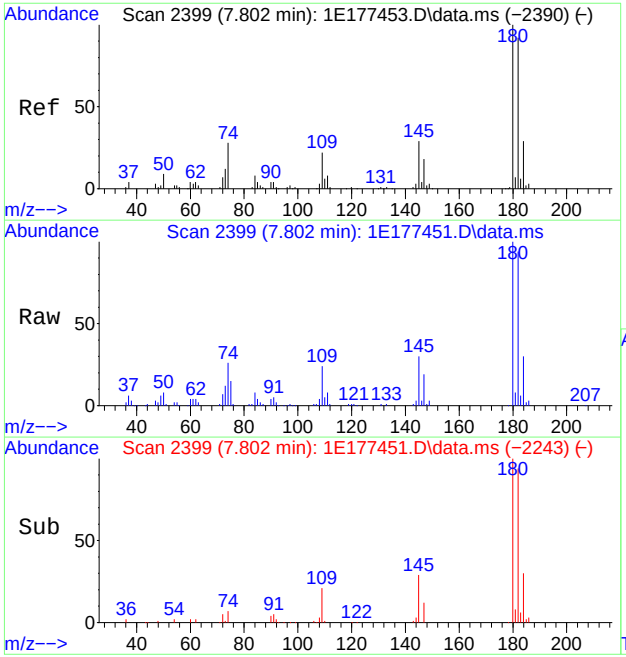


#114
1,2-dibromo-3-chloropropane
Concen: 20.78 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:157 Resp: 14754

Ion	Ratio	Lower	Upper
157	100		
155	74.6	54.1	114.1
75	71.8	48.2	108.2

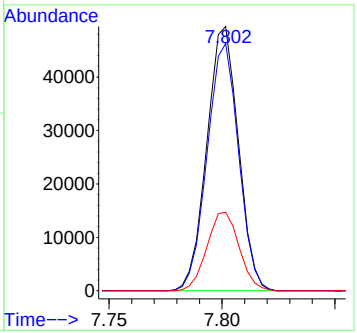


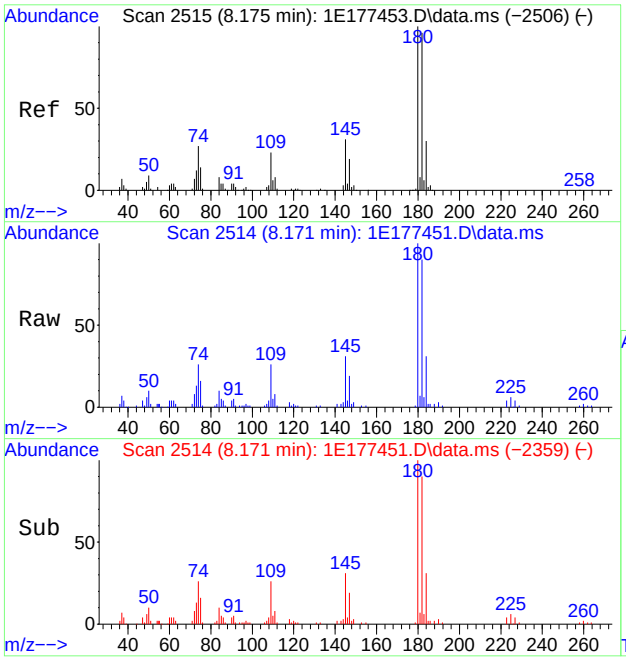


#115
1,3,5-trichlorobenzene
Concen: 21.75 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:180 Resp: 47995

Ion	Ratio	Lower	Upper
180	100		
182	93.5	71.6	111.6
184	29.7	9.2	49.2

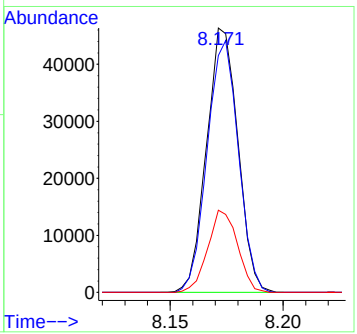


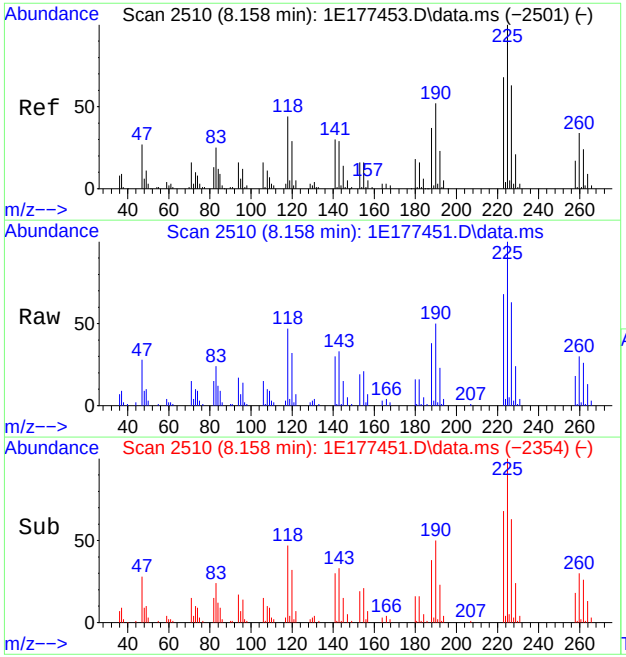


#116
1,2,4-trichlorobenzene
Concen: 21.37 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:180 Resp: 44635

Ion	Ratio	Lower	Upper
180	100		
182	89.6	65.8	125.8
184	31.0	0.0	59.9

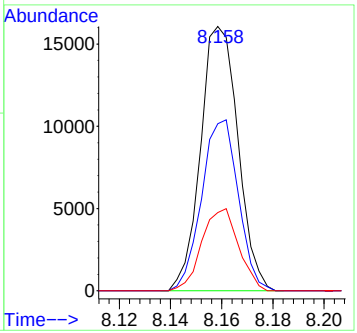


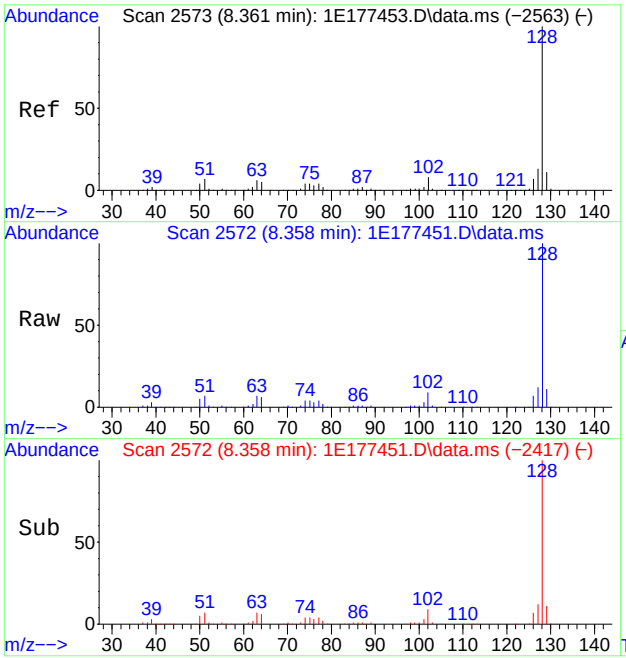


#117
hexachlorobutadiene
Concen: 22.30 ug/L
RT: 8.158 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:225 Resp: 16388

Ion	Ratio	Lower	Upper
225	100		
227	63.2	32.9	92.9
260	29.6	3.9	63.9

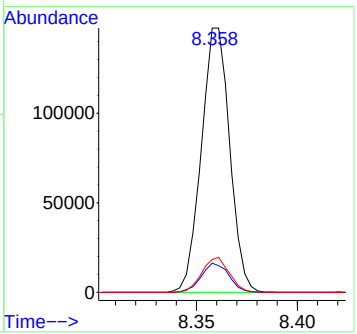


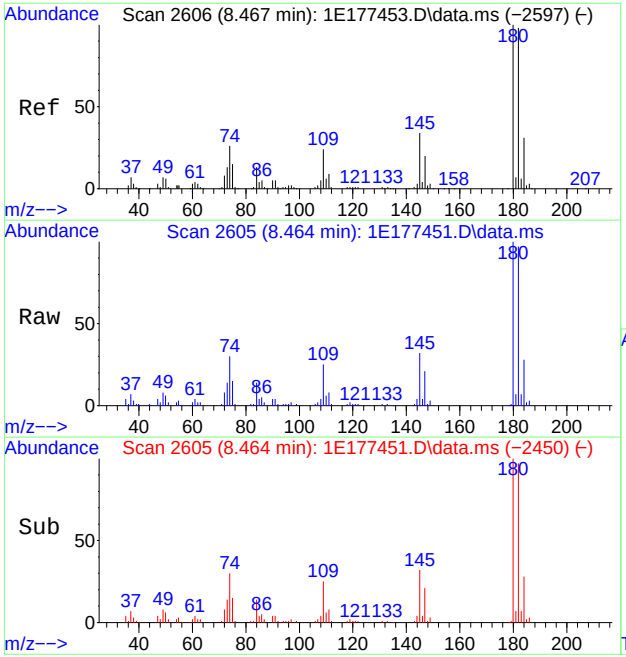


#118
naphthalene
Concen: 20.92 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:128 Resp: 144122

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.8
127	12.4	0.0	42.7

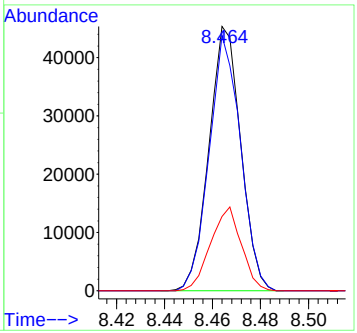


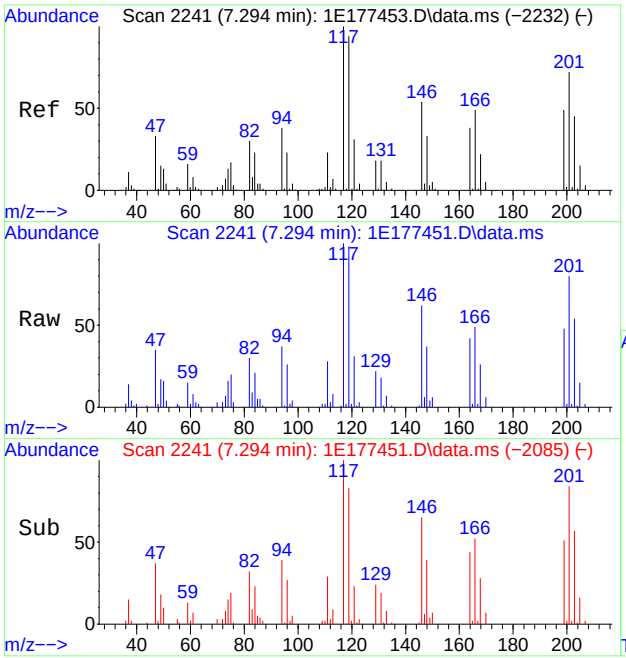


#119
1,2,3-trichlorobenzene
Concen: 20.89 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:180 Resp: 41720

Ion	Ratio	Lower	Upper
180	100		
182	96.6	67.6	127.6
184	28.1	1.0	61.0

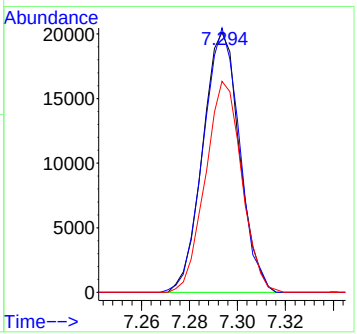


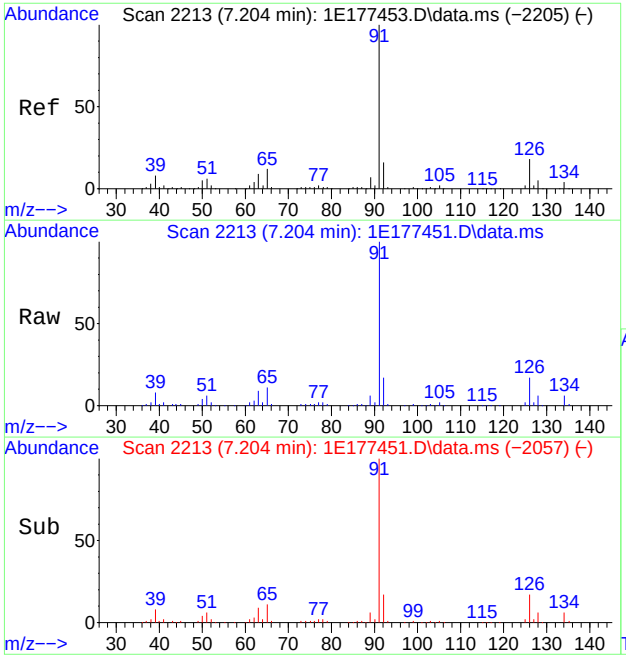


#120
hexachloroethane
Concen: 21.80 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:119 Resp: 21459

Ion	Ratio	Lower	Upper
119	100		
117	101.8	75.9	135.9
201	81.3	46.7	106.7

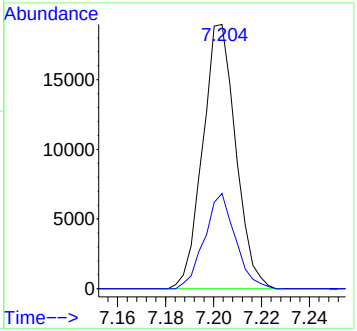


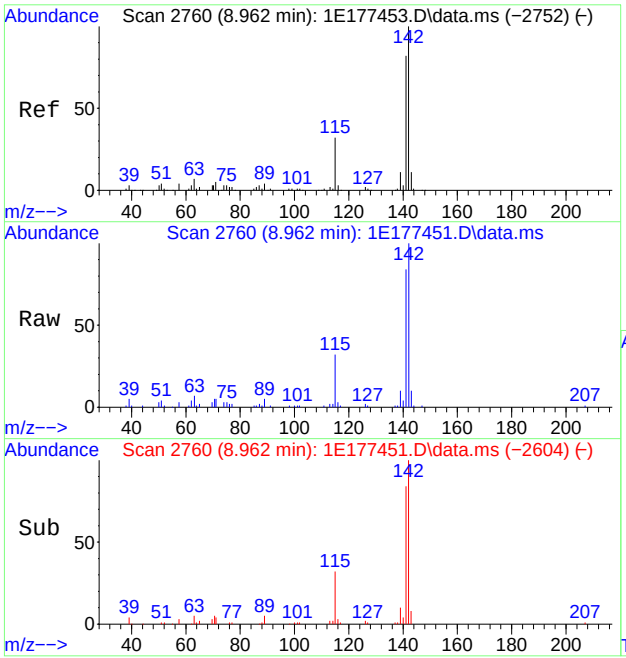


#121
benzyl chloride
Concen: 21.28 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:126 Resp: 18115

Ion	Ratio	Lower	Upper
126	100		
128	36.0	0.9	60.9

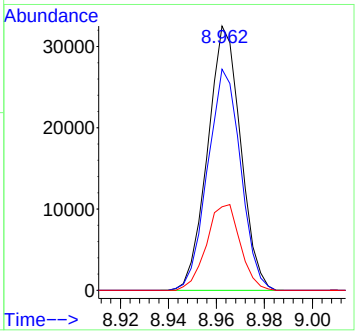




#122
2-methylnaphthalene
Concen: 10.29 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177451.D
Acq: 26 Oct 2023 07:03 pm

Tgt Ion:142 Resp: 30980

Ion	Ratio	Lower	Upper
142	100		
141	83.7	52.4	112.4
115	31.6	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177453.D
Acq On : 26 Oct 2023 07:31 pm
Operator : louied
Sample : icc8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 27 17:37:33 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:37:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.075	65	75427	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	114099	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.425	114	229578	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	212034	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	114759	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	74177	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.00%				
51) 1,2-dichloroethane-d4 (s)	3.146	65	78891	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.00%				
73) toluene-d8 (s)	4.361	98	264152	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
96) 4-bromofluorobenzene (s)	6.342	95	103597	50.00	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.00%				
Target Compounds							Qvalue
2) ethanol	1.654	45	50553	5000.00	ug/L		100
3) tertiary butyl alcohol	2.107	59	59269	250.00	ug/L		100
4) 1,4-dioxane	3.917	88	14114	1250.00	ug/L		100
6) chlorodifluoromethane	1.088	51	78157	50.00	ug/L		100
7) dichlorodifluoromethane	1.049	85	99311	50.00	ug/L		100
8) chloromethane	1.172	50	57823	50.00	ug/L		100
9) vinyl chloride	1.188	62	74053	50.00	ug/L		100
10) 1,3-butadiene	1.197	39	52907	50.00	ug/L		100
11) bromomethane	1.345	96	21900	50.00	ug/L	#	100
12) chloroethane	1.406	64	43807	50.00	ug/L		100
13) trichlorofluoromethane	1.471	101	118627	50.00	ug/L		100
14) ethyl ether	1.602	74	36970	50.00	ug/L		100
15) acrolein	1.850	56	14467	50.00	ug/L		100
16) freon 113	1.715	151	52749	50.00	ug/L		100
17) 1,1-dichloroethene	1.705	61	88004	50.00	ug/L		100
18) acetone	1.982	58	63009	200.00	ug/L		100
19) acetonitrile	2.204	41	84839	500.00	ug/L		100
21) carbon disulfide	1.731	76	156843	50.00	ug/L		100
22) methylene chloride	1.966	84	61995	50.00	ug/L		100
23) methyl acetate	2.030	74	16611	50.00	ug/L		100
24) methyl tert butyl ether	2.085	73	206428	50.00	ug/L		100
25) trans-1,2-dichloroethene	2.040	61	87534	50.00	ug/L		100
26) hexane	2.075	57	141777	50.00	ug/L		100
27) di-isopropyl ether	2.258	45	208551	50.00	ug/L		100
28) ethyl tert-butyl ether	2.438	59	232003	50.00	ug/L		100
29) 2-butanone	2.901	72	75358	200.00	ug/L		100
30) 1,1-dichloroethane	2.335	63	121776	50.00	ug/L		100
31) chloroprene	2.323	53	106218	50.00	ug/L		100
32) acrylonitrile	2.355	52	30619	50.00	ug/L		100
33) vinyl acetate	2.442	86	14604	50.00	ug/L		100
34) ethyl acetate	2.792	70	12191	50.00	ug/L		100
35) 2,2-dichloropropane	2.663	77	102480	50.00	ug/L		100
36) cis-1,2-dichloroethene	2.606	96	76913	50.00	ug/L		100
37) propionitrile	3.072	54	150618	500.00	ug/L		100
38) methyl acrylate	2.805	85	17529	50.00	ug/L		100
39) bromochloromethane	2.712	128	39183	50.00	ug/L		100
40) tetrahydrofuran	2.831	71	14588	50.00	ug/L		100
41) chloroform	2.741	47	34680	50.00	ug/L		100
43) methacrylonitrile	3.085	67	41038	50.00	ug/L		100
44) 1,1,1-trichloroethane	2.866	97	120905	50.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177453.D
Acq On : 26 Oct 2023 07:31 pm
Operator : louied
Sample : icc8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 27 17:37:33 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:37:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	109896	50.00	ug/L		100
46) 1,1-dichloropropene	2.930	75	96955	50.00	ug/L		100
47) carbon tetrachloride	2.831	117	109266	50.00	ug/L		100
48) isobutyl alcohol	3.155	43	40320	500.00	ug/L		100
49) tert-amyl alcohol	3.223	55	22737	250.00	ug/L		100
52) iso-octane	2.988	57	223737	50.00	ug/L		100
53) benzene	3.072	78	273337	50.00	ug/L		100
54) tert-amyl methyl ether	3.123	73	224375	50.00	ug/L		100
55) heptane	3.036	57	43888	50.00	ug/L		100
56) isopropyl acetate	3.307	87	24690	50.00	ug/L		100
57) 1,2-dichloroethane	3.184	62	104494	50.00	ug/L		100
58) n-butyl alcohol	3.586	56	120675	2500.00	ug/L		100
59) ethyl acrylate	3.737	55	124929	50.00	ug/L		100
60) trichloroethene	3.413	130	87148	50.00	ug/L		100
61) 2-nitropropane	4.561	41	36362	50.00	ug/L		100
62) 2-chloroethyl vinyl ether	4.171	63	239456	250.00	ug/L		100
63) methyl methacrylate	3.879	100	28036	50.00	ug/L		100
64) 1,2-dichloropropane	3.747	63	71242	50.00	ug/L		100
65) methylcyclohexane	3.419	98	59630	50.00	ug/L	#	100
66) dibromomethane	3.683	93	50811	50.00	ug/L		100
67) bromodichloromethane	3.782	83	103834	50.00	ug/L		100
68) epichlorohydrin	4.397	57	59228	250.00	ug/L		100
69) cis-1,3-dichloropropene	4.220	75	125289	50.00	ug/L		100
70) 4-methyl-2-pentanone	4.679	58	170907	200.00	ug/L		100
71) 3-methyl-1-butanol	4.512	70	57924	1000.00	ug/L		100
74) toluene	4.400	92	181736	50.00	ug/L		100
75) ethyl methacrylate	4.837	69	105759	50.00	ug/L		100
76) trans-1,3-dichloropropene	4.708	75	119714	50.00	ug/L		100
77) 1,1,2-trichloroethane	4.837	83	60195	50.00	ug/L		100
78) tetrachloroethene	4.699	166	85390	50.00	ug/L		100
79) 2-hexanone	5.316	58	205778	200.00	ug/L		100
80) 1,3-dichloropropane	5.046	76	118756	50.00	ug/L		100
81) butyl acetate	5.252	56	61102	50.00	ug/L		100
82) dibromochloromethane	4.972	129	90718	50.00	ug/L		100
83) 1,2-dibromoethane	5.149	107	80725	50.00	ug/L		100
84) n-butyl ether	5.477	57	308513	50.00	ug/L		100
85) chlorobenzene	5.532	112	210795	50.00	ug/L		100
86) 1,1,1,2-tetrachloroethane	5.580	131	81387	50.00	ug/L		100
87) ethylbenzene	5.554	91	354903	50.00	ug/L		100
88) m,p-xylene	5.660	106	275972	100.00	ug/L		100
89) o-xylene	5.953	106	137538	50.00	ug/L		100
90) styrene	5.985	104	226408	50.00	ug/L		100
91) bromoform	5.998	173	68111	50.00	ug/L		100
92) butyl acrylate	6.078	55	169054	50.00	ug/L		100
93) isopropylbenzene	6.162	105	333692	50.00	ug/L		100
94) cis-1,4-dichloro-2-butene	6.387	88	47628	50.00	ug/L		100
97) bromobenzene	6.409	156	91601	50.00	ug/L		100
98) 1,1,2,2-tetrachloroethane	6.474	83	105358	50.00	ug/L		100
99) trans-1,4-dichloro-2-b...	6.586	53	38590	50.00	ug/L		100
100) 1,2,3-trichloropropane	6.557	110	39142	50.00	ug/L		100
101) n-propylbenzene	6.432	91	408303	50.00	ug/L		100
102) 2-chlorotoluene	6.528	126	84372	50.00	ug/L		100
103) 4-chlorotoluene	6.634	91	257866	50.00	ug/L		100
104) 1,3,5-trimethylbenzene	6.560	105	298483	50.00	ug/L		100
105) tert-butylbenzene	6.760	119	253953	50.00	ug/L		100
106) 1,2,4-trimethylbenzene	6.802	105	314066	50.00	ug/L		100
107) sec-butylbenzene	6.869	105	363546	50.00	ug/L		100
108) 1,3-dichlorobenzene	6.998	146	176414	50.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177453.D
Acq On : 26 Oct 2023 07:31 pm
Operator : louied
Sample : icc8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 27 17:37:33 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:37:04 2023
Response via : Initial Calibration

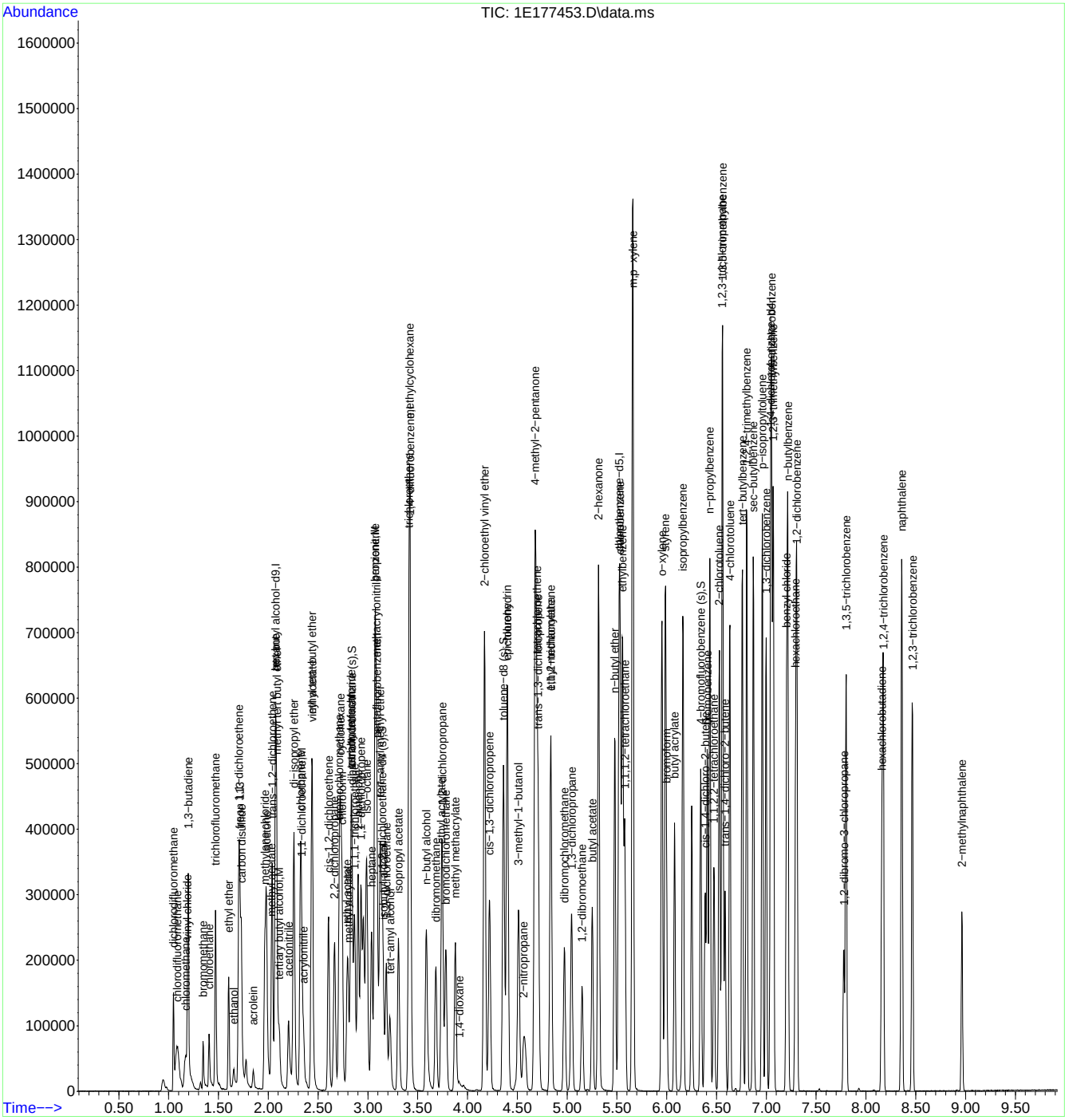
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	318447	50.00	ug/L	100
110) 1,4-dichlorobenzene	7.052	146	179086	50.00	ug/L	100
111) 1,2-dichlorobenzene	7.306	146	171147	50.00	ug/L	100
112) 1,2,3-trimethylbenzene	7.068	105	316187	50.00	ug/L	100
113) n-butylbenzene	7.216	134	75619	50.00	ug/L	100
114) 1,2-dibromo-3-chloropr...	7.779	157	36164	50.00	ug/L	100
115) 1,3,5-trichlorobenzene	7.802	180	121322	50.00	ug/L	100
116) 1,2,4-trichlorobenzene	8.175	180	111927	50.00	ug/L	100
117) hexachlorobutadiene	8.158	225	41232	50.00	ug/L	100
118) naphthalene	8.361	128	369012	50.00	ug/L	100
119) 1,2,3-trichlorobenzene	8.467	180	104808	50.00	ug/L	100
120) hexachloroethane	7.294	119	56862	50.00	ug/L	100
121) benzyl chloride	7.204	126	45579	50.00	ug/L	100
122) 2-methylnaphthalene	8.962	142	77798	25.00	ug/L	100

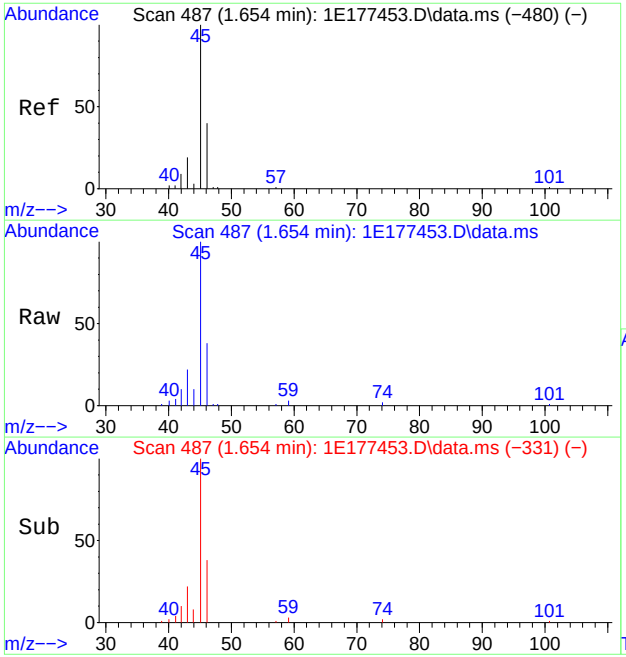
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177453.D
Acq On : 26 Oct 2023 07:31 pm
Operator : louied
Sample : icc8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 27 17:37:33 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:37:04 2023
Response via : Initial Calibration

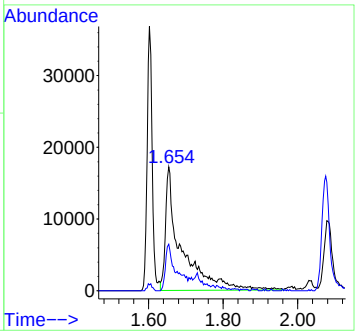


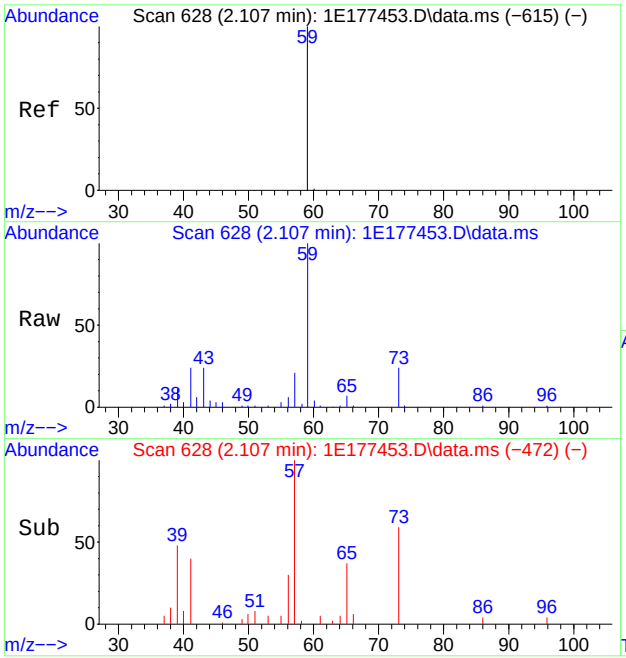


#2
ethanol
Concen: 5000.00 ug/L
RT: 1.654 min Scan# 487
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 45 Resp: 50553

Ion	Ratio	Lower	Upper
45	100		
46	38.1	18.1	58.1

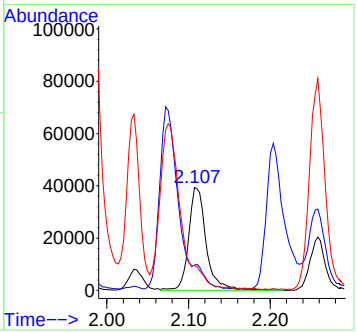


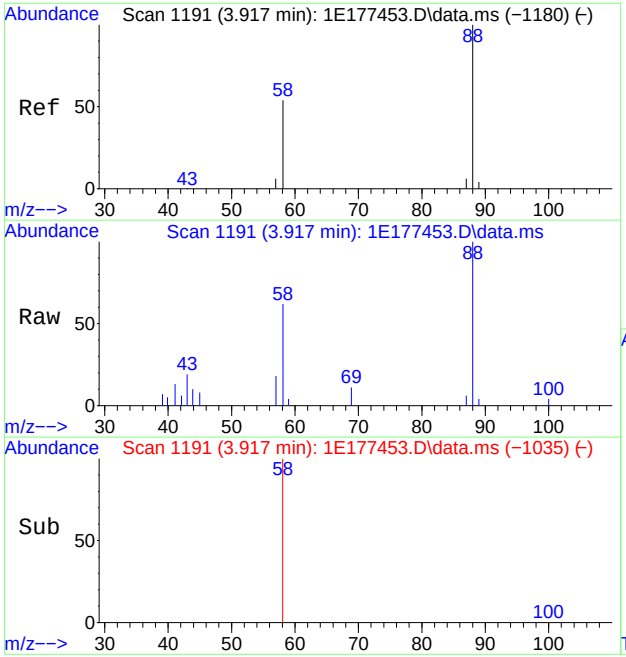


#3
tertiary butyl alcohol
Concen: 250.00 ug/L
RT: 2.107 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 59 Resp: 59269

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	22.8	0.0	52.8

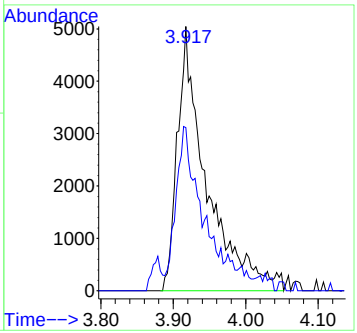


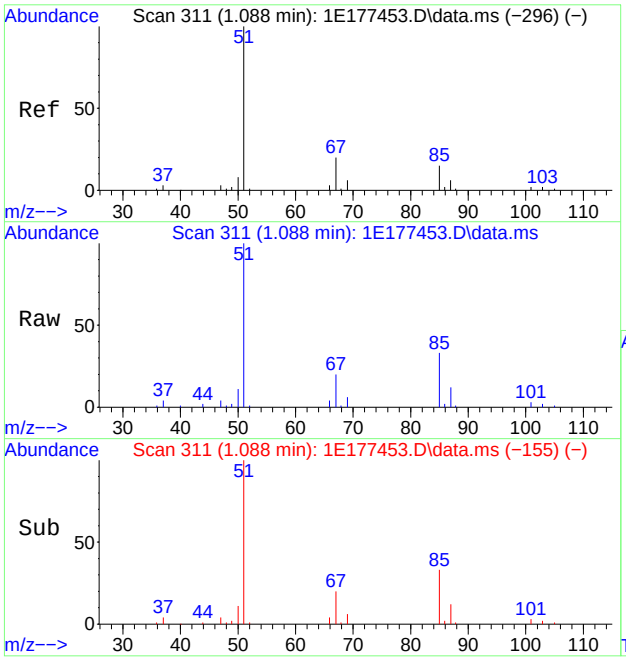


#4
1,4-dioxane
Concen: 1250.00 ug/L
RT: 3.917 min Scan# 1191
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 88 Resp: 14114

Ion	Ratio	Lower	Upper
88	100		
58	58.3	38.3	78.3

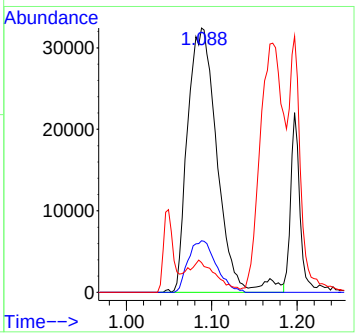


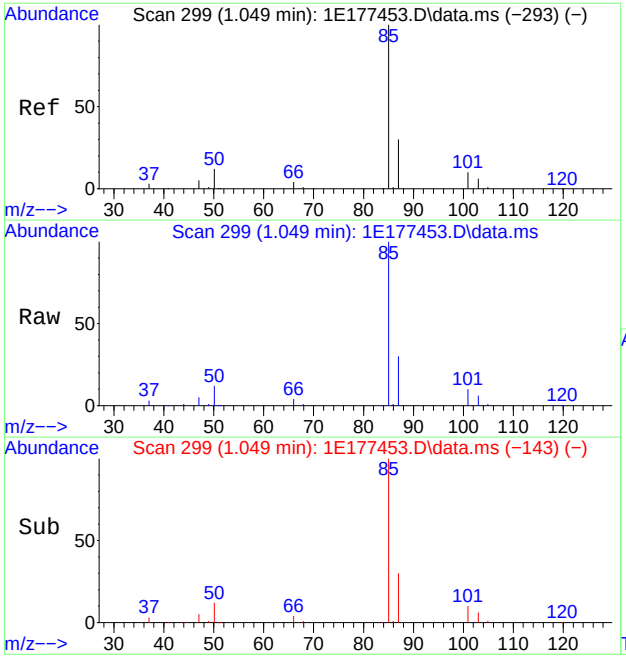


#6
chlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.088 min Scan# 311
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 51 Resp: 78157

Ion	Ratio	Lower	Upper
51	100		
67	19.5	0.0	49.5
50	8.4	0.0	38.4

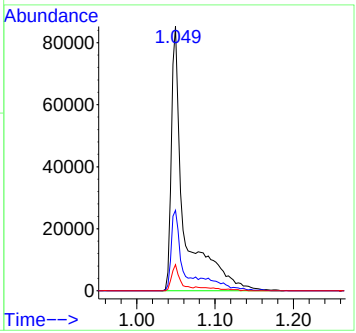


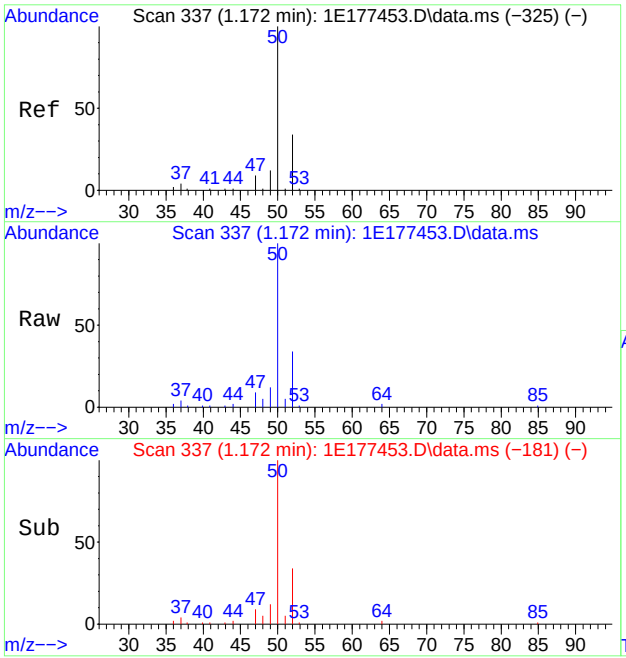


#7
dichlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.049 min Scan# 299
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 85 Resp: 99311

Ion	Ratio	Lower	Upper
85	100		
87	30.4	0.4	60.4
101	9.9	0.0	39.9

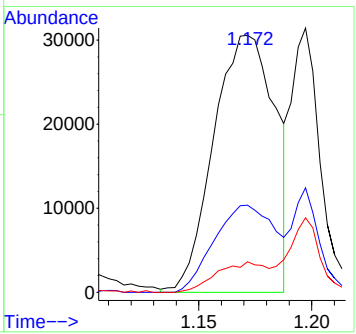


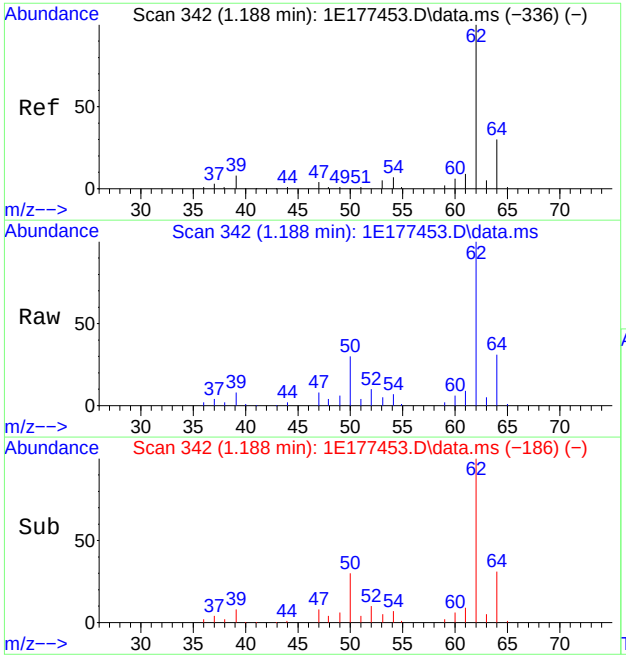


#8
chloromethane
Concen: 50.00 ug/L
RT: 1.172 min Scan# 337
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 50 Resp: 57823

Ion	Ratio	Lower	Upper
50	100		
52	34.4	4.4	64.4
49	12.1	0.0	42.1

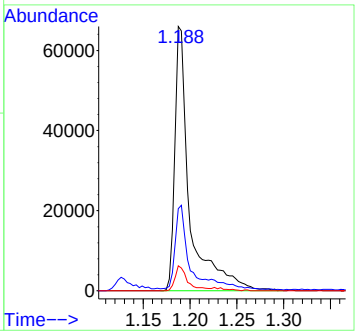


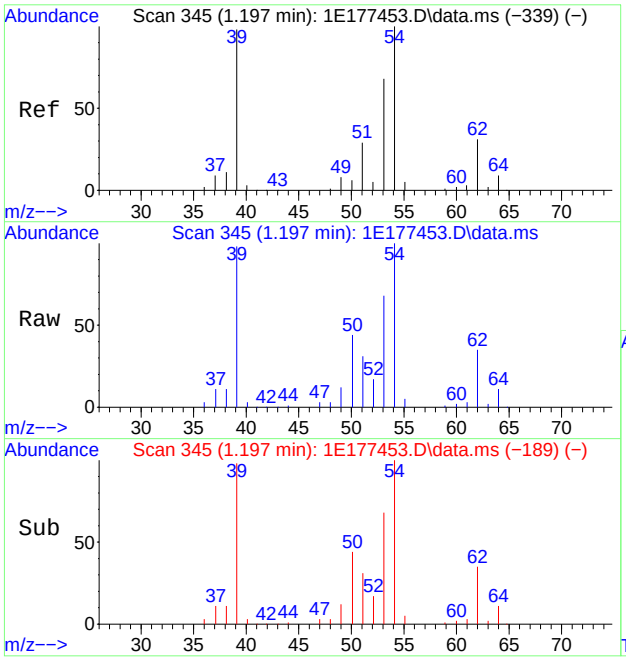


#9
vinyl chloride
Concen: 50.00 ug/L
RT: 1.188 min Scan# 342
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 62 Resp: 74053

Ion	Ratio	Lower	Upper
62	100		
64	30.7	0.7	60.7
61	9.5	0.0	39.5

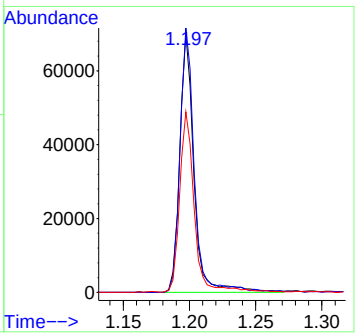


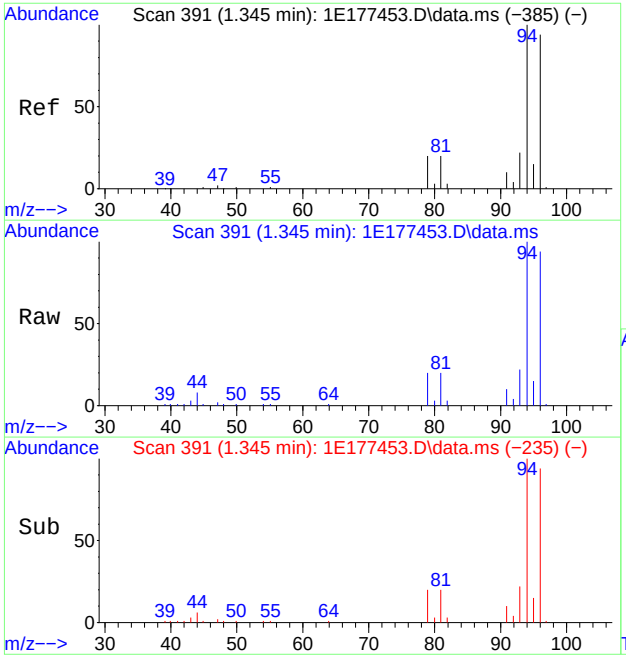


#10
1,3-butadiene
Concen: 50.00 ug/L
RT: 1.197 min Scan# 345
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 39 Resp: 52907

Ion	Ratio	Lower	Upper
39	100		
54	102.3	72.3	132.3
53	69.8	39.8	99.8

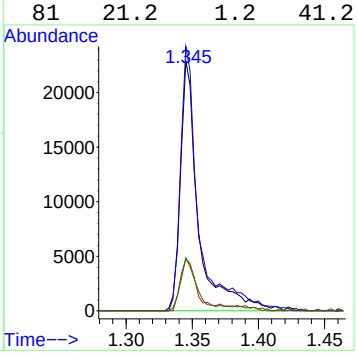


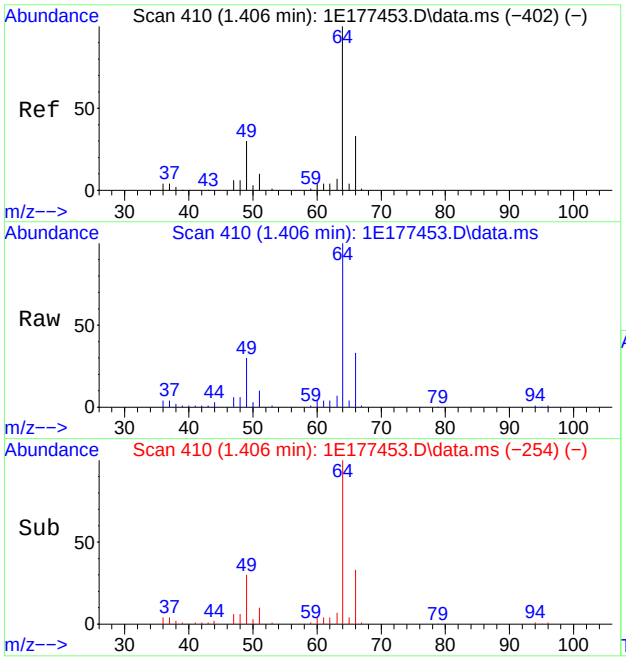


#11
bromomethane
Concen: 50.00 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 96 Resp: 21900

Ion	Ratio	Lower	Upper
96	100		
94	106.0	76.0	136.0
79	20.8	20.8	20.8#
81	21.2	1.2	41.2

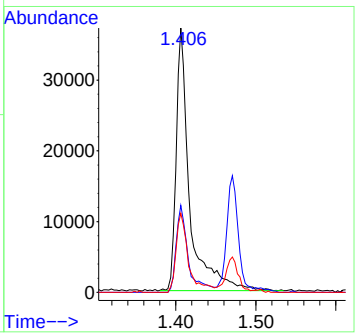


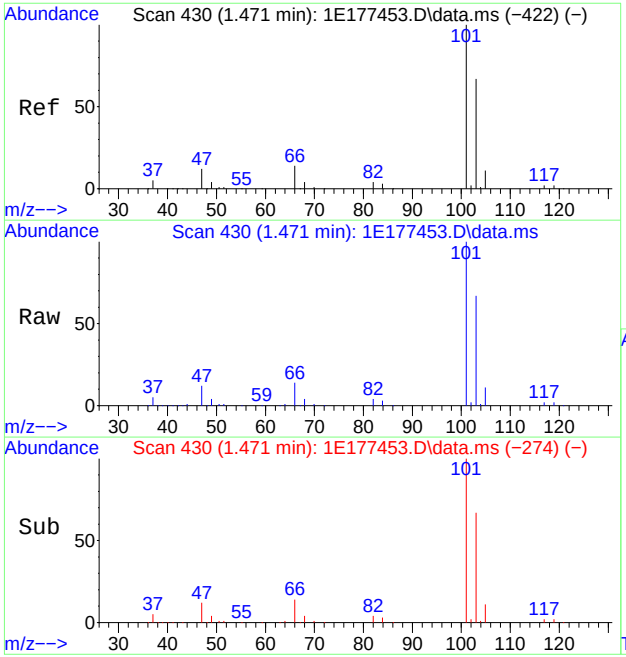


#12
chloroethane
Concen: 50.00 ug/L
RT: 1.406 min Scan# 410
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 64 Resp: 43807

Ion	Ratio	Lower	Upper
64	100		
66	33.1	3.1	63.1
49	30.1	0.1	60.1

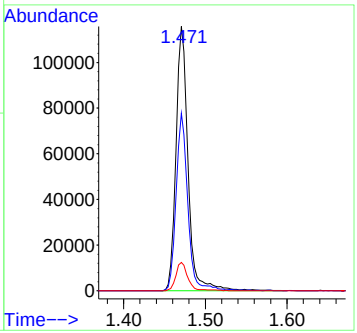


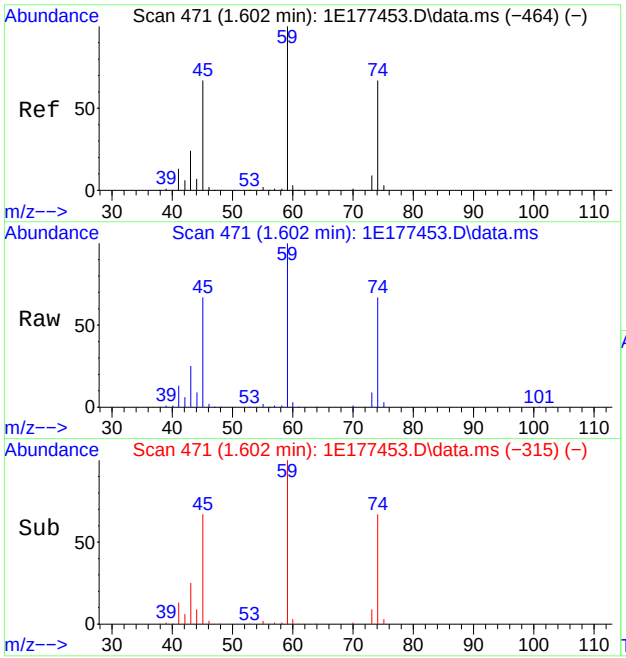


#13
trichlorofluoromethane
Concen: 50.00 ug/L
RT: 1.471 min Scan# 430
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:101 Resp: 118627

Ion	Ratio	Lower	Upper
101	100		
103	67.1	37.1	97.1
105	10.8	0.0	40.8

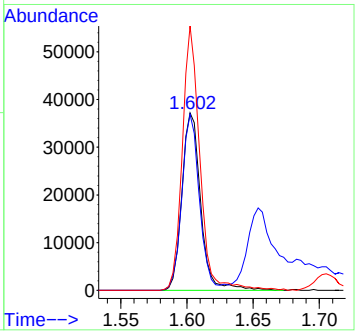


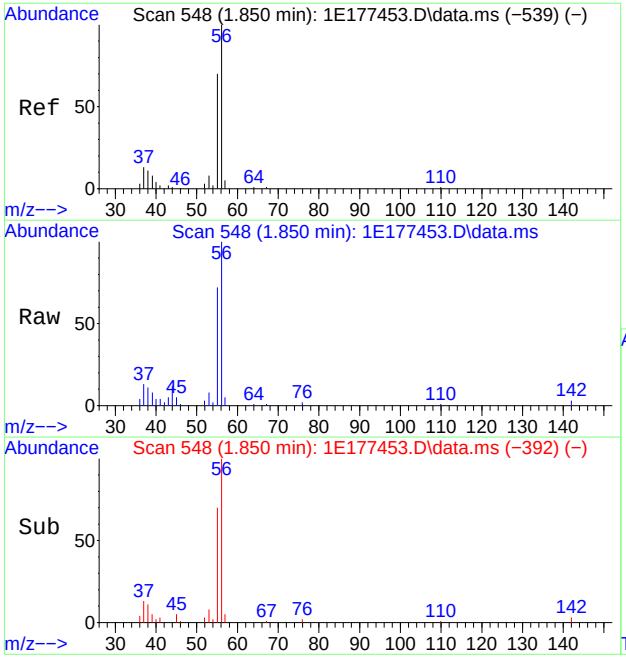


#14
ethyl ether
Concen: 50.00 ug/L
RT: 1.602 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 74 Resp: 36970

Ion	Ratio	Lower	Upper
74	100		
45	99.1	69.1	129.1
59	148.9	118.9	178.9

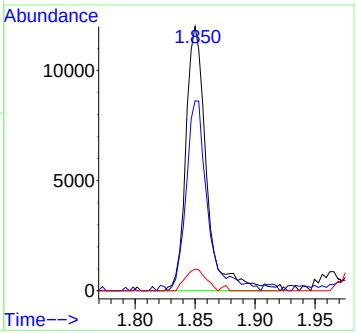


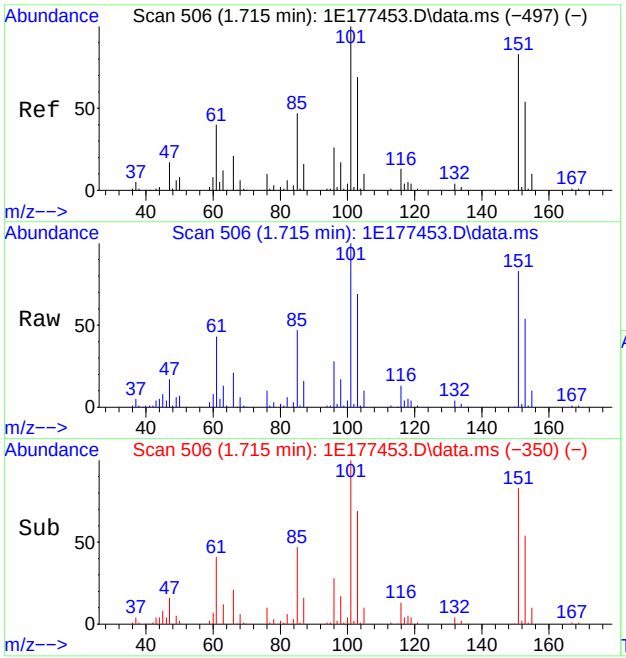


#15
acrolein
Concen: 50.00 ug/L
RT: 1.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 56 Resp: 14467

Ion	Ratio	Lower	Upper
56	100		
55	70.4	40.4	100.4
53	8.2	0.0	38.2

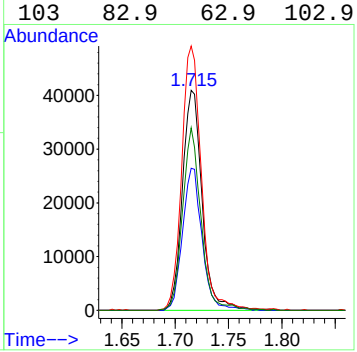


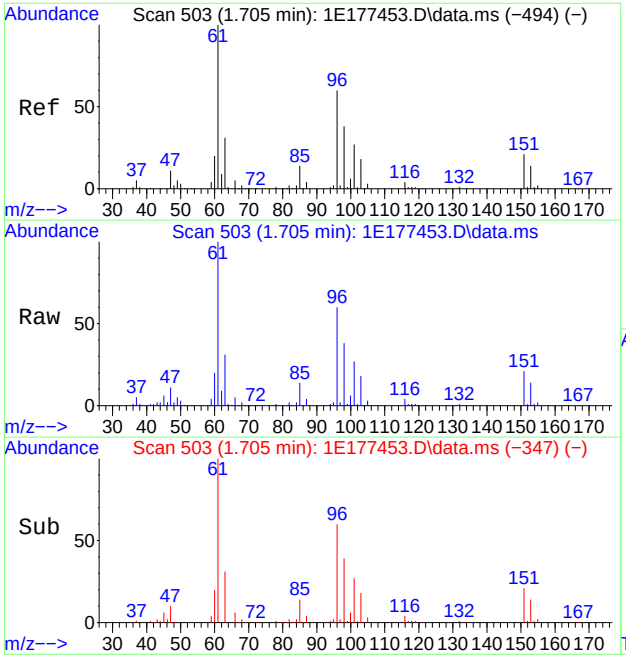


#16
freon 113
Concen: 50.00 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:151 Resp: 52749

Ion	Ratio	Lower	Upper
151	100		
153	64.6	44.6	84.6
101	120.2	100.2	140.2
103	82.9	62.9	102.9

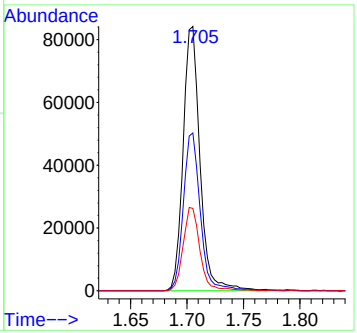


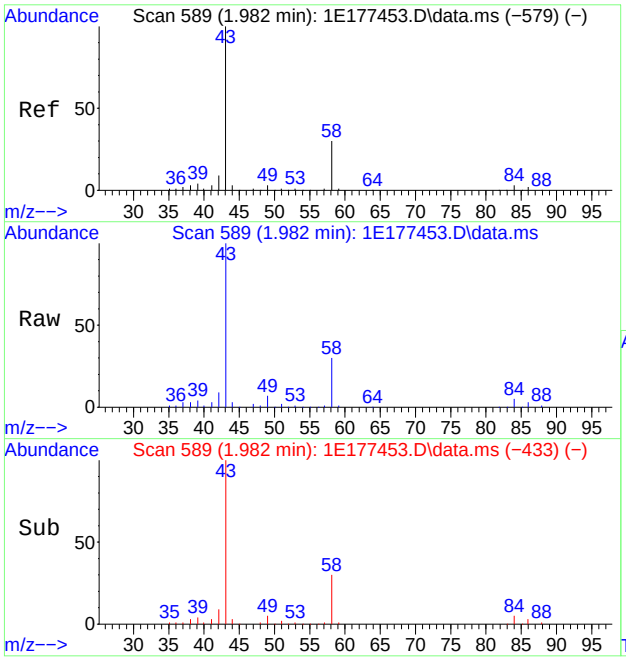


#17
1,1-dichloroethene
Concen: 50.00 ug/L
RT: 1.705 min Scan# 503
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 61 Resp: 88004

Ion	Ratio	Lower	Upper
61	100		
96	59.6	29.6	89.6
63	31.2	1.2	61.2

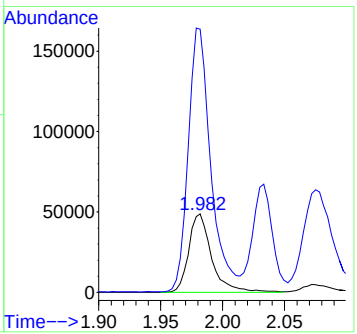


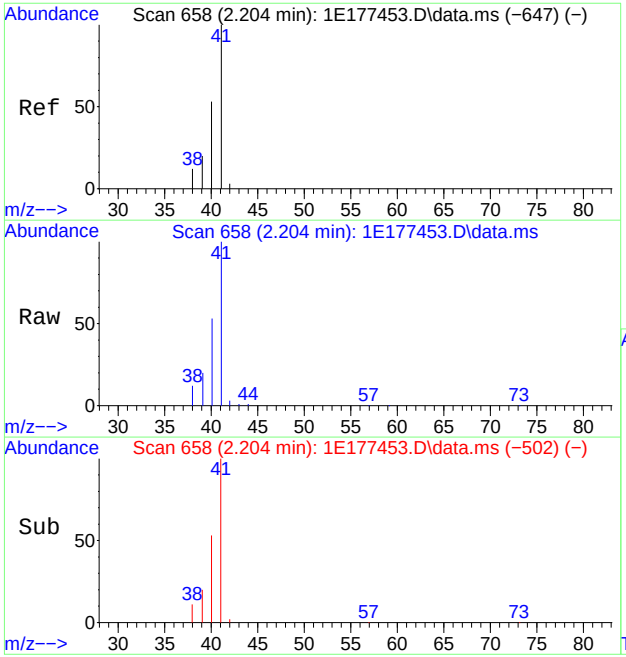


#18
acetone
Concen: 200.00 ug/L
RT: 1.982 min Scan# 589
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 58 Resp: 63009

Ion	Ratio	Lower	Upper
58	100		
43	334.0	304.0	364.0

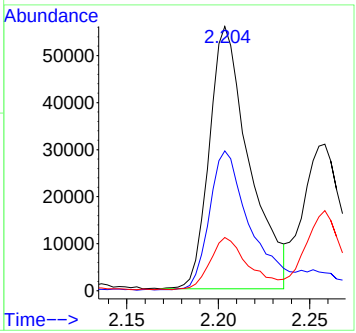


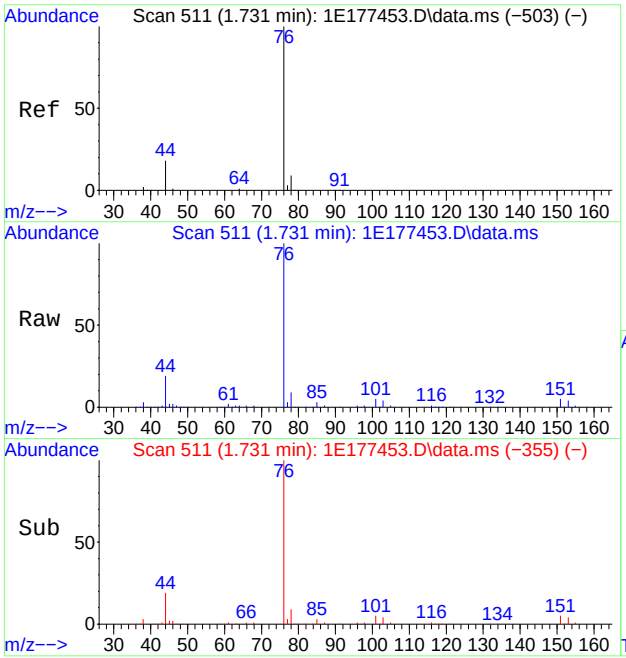


#19
acetonitrile
Concen: 500.00 ug/L
RT: 2.204 min Scan# 658
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 41 Resp: 84839

Ion	Ratio	Lower	Upper
41	100		
40	52.9	22.9	82.9
39	19.7	0.0	49.7

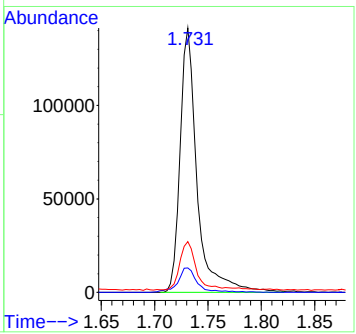


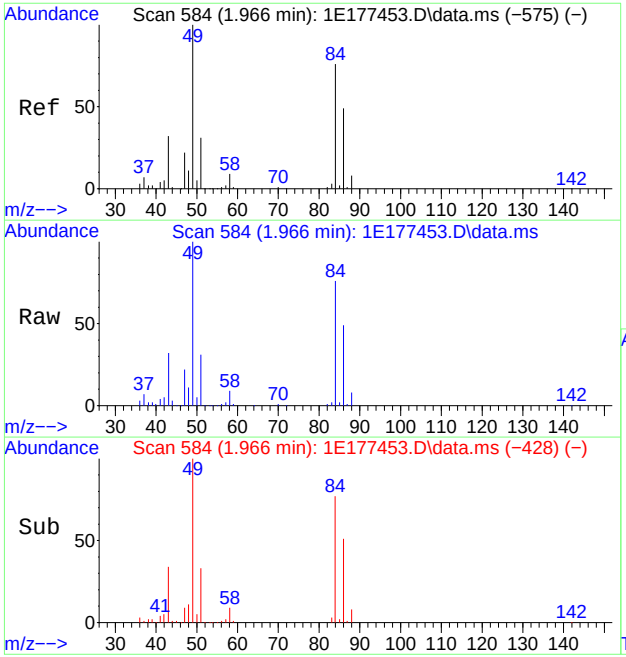


#21
carbon disulfide
Concen: 50.00 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 76 Resp: 156843

Ion	Ratio	Lower	Upper
76	100		
78	9.2	0.0	39.2
44	18.3	0.0	48.3

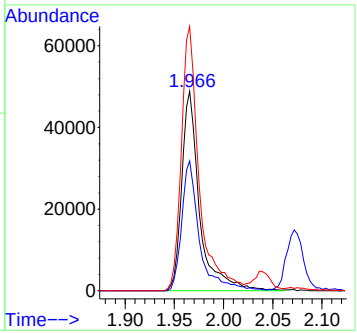


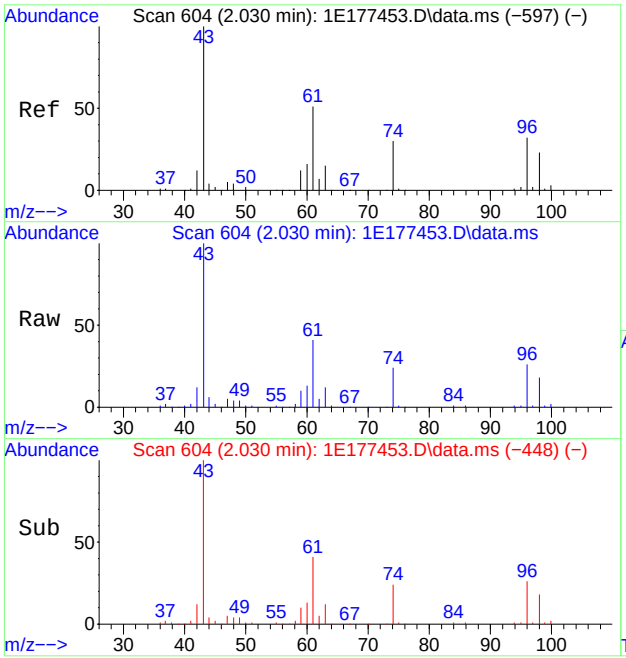


#22
methylene chloride
Concen: 50.00 ug/L
RT: 1.966 min Scan# 584
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 84 Resp: 61995

Ion	Ratio	Lower	Upper
84	100		
86	64.9	34.9	94.9
49	132.4	102.4	162.4

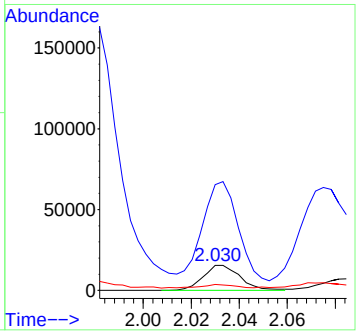


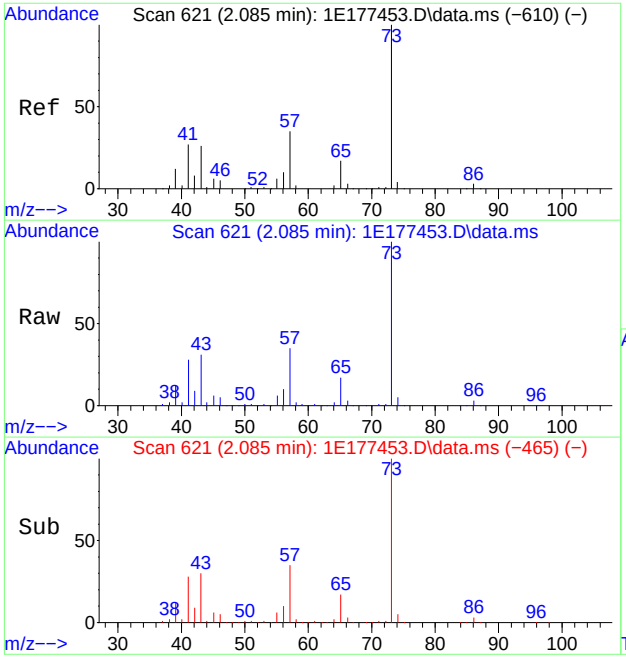


#23
methyl acetate
Concen: 50.00 ug/L
RT: 2.030 min Scan# 604
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 74 Resp: 16611

Ion	Ratio	Lower	Upper
74	100		
43	337.5	307.5	367.5
44	13.7	0.0	43.7

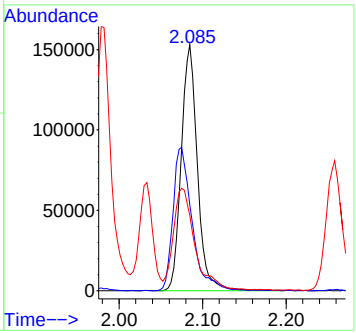


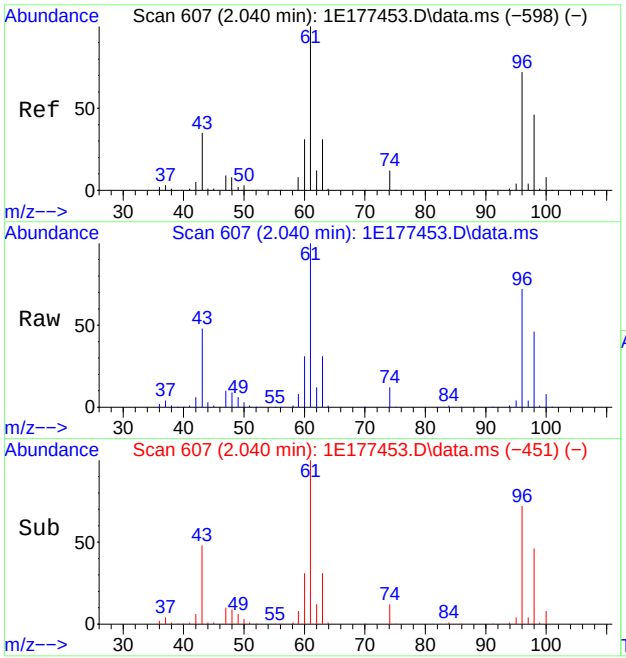


#24
methyl tert butyl ether
Concen: 50.00 ug/L
RT: 2.085 min Scan# 621
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 73 Resp: 206428

Ion	Ratio	Lower	Upper
73	100		
57	35.0	5.0	65.0
43	30.4	0.4	60.4

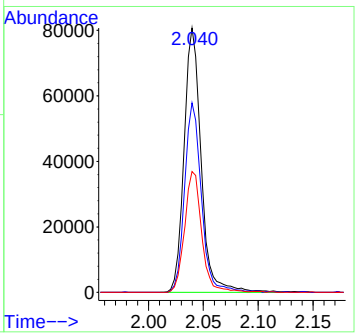


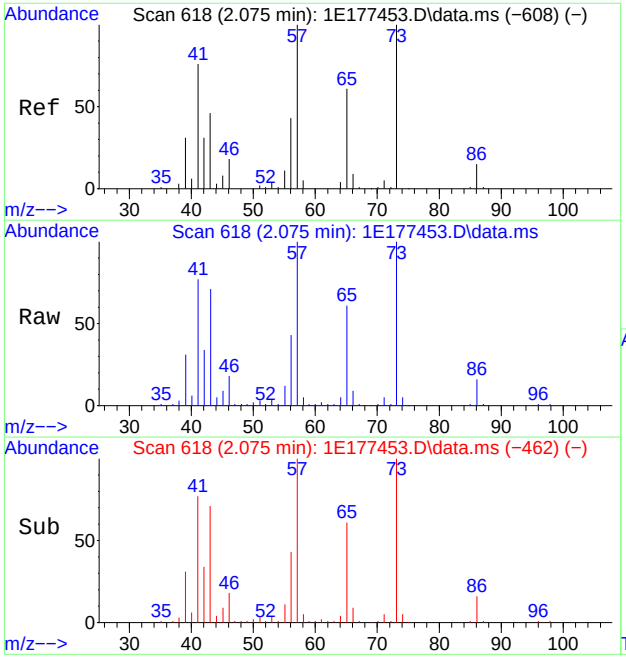


#25
trans-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 2.040 min Scan# 607
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 61 Resp: 87534

Ion	Ratio	Lower	Upper
61	100		
96	71.6	41.6	101.6
98	45.7	15.7	75.7

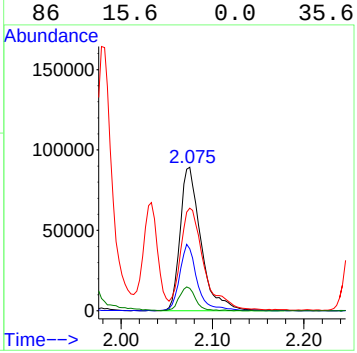


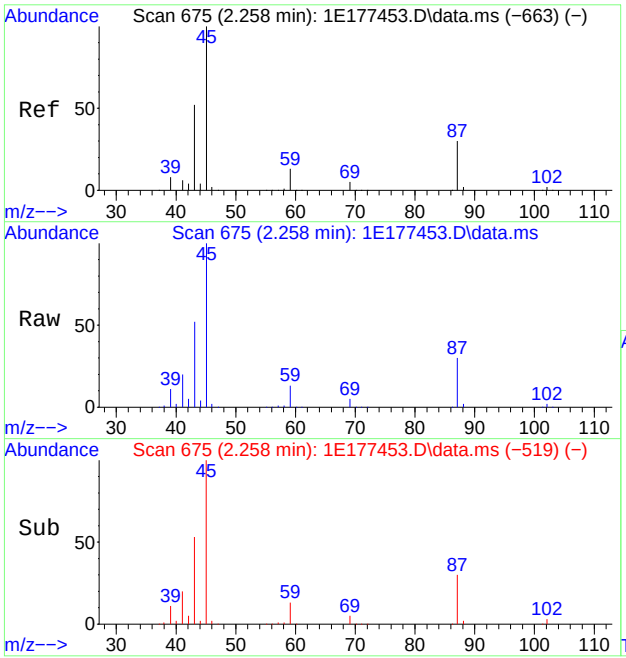


#26
hexane
Concen: 50.00 ug/L
RT: 2.075 min Scan# 618
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 57 Resp: 141777

Ion	Ratio	Lower	Upper
57	100		
56	43.0	23.0	63.0
43	70.7	50.7	90.7
86	15.6	0.0	35.6

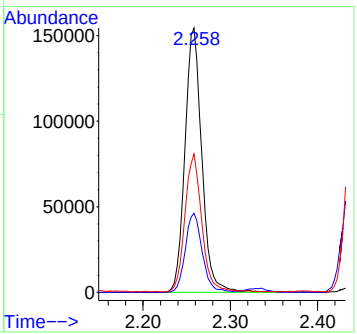


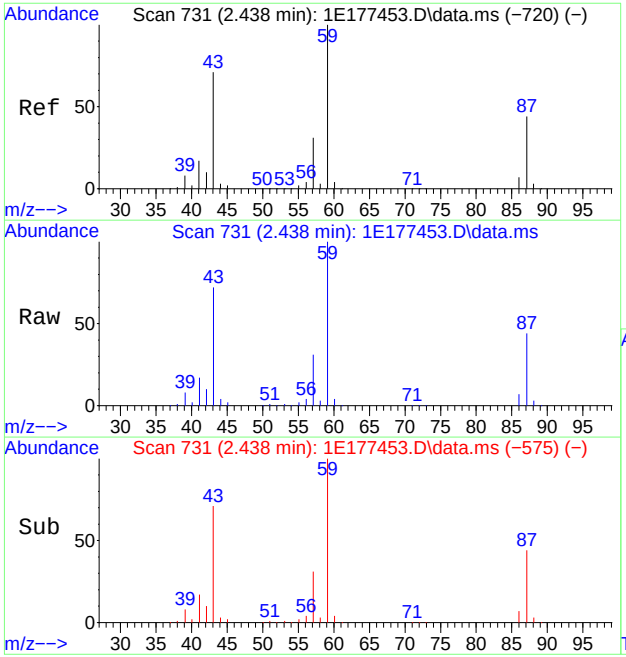


#27
di-isopropyl ether
Concen: 50.00 ug/L
RT: 2.258 min Scan# 675
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 45 Resp: 208551

Ion	Ratio	Lower	Upper
45	100		
87	29.9	0.0	59.9
43	52.2	22.2	82.2

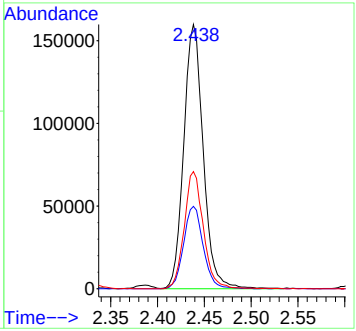


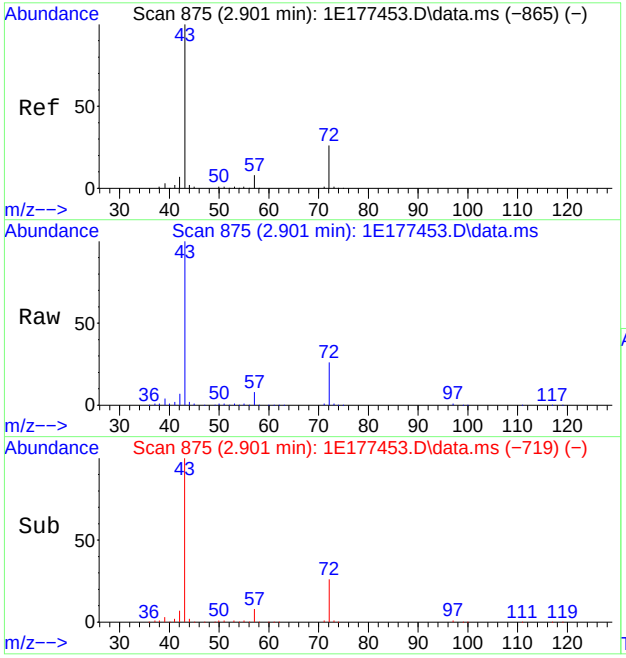


#28
ethyl tert-butyl ether
Concen: 50.00 ug/L
RT: 2.438 min Scan# 731
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 59 Resp: 232003

Ion	Ratio	Lower	Upper
59	100		
57	31.2	1.2	61.2
87	44.3	14.3	74.3

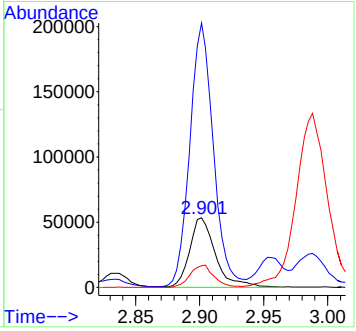


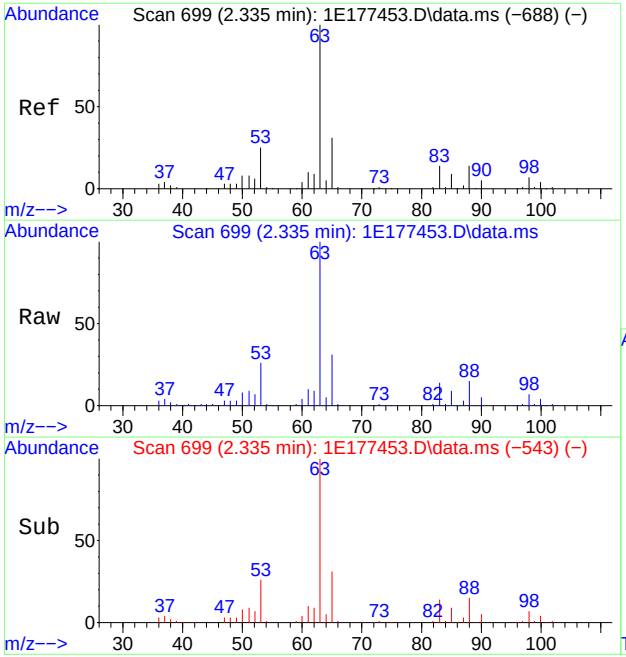


#29
2-butanone
Concen: 200.00 ug/L
RT: 2.901 min Scan# 875
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 72 Resp: 75358

Ion	Ratio	Lower	Upper
72	100		
43	381.4	351.4	411.4
57	31.3	1.3	61.3

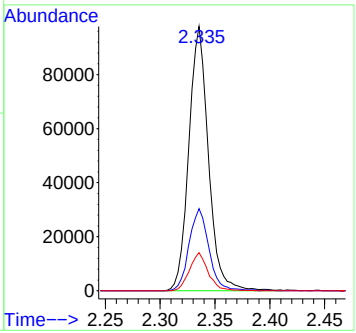


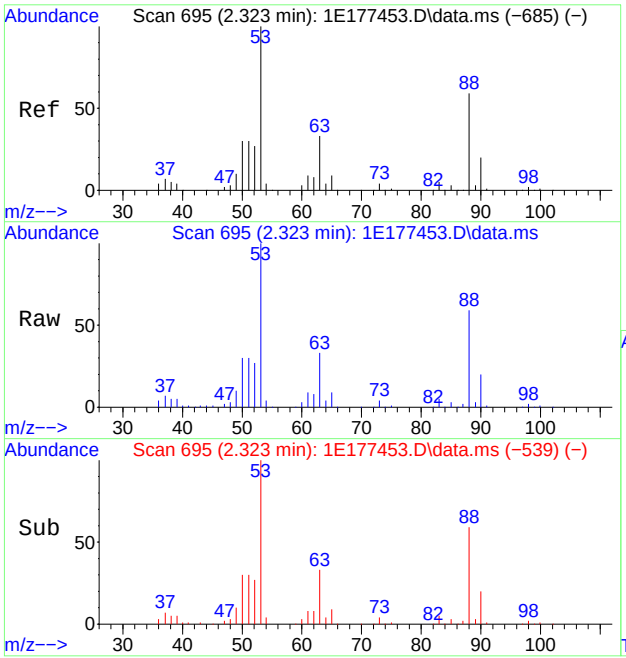


#30
1,1-dichloroethane
Concen: 50.00 ug/L
RT: 2.335 min Scan# 699
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 63 Resp: 121776

Ion	Ratio	Lower	Upper
63	100		
65	31.1	1.1	61.1
83	14.4	0.0	44.4

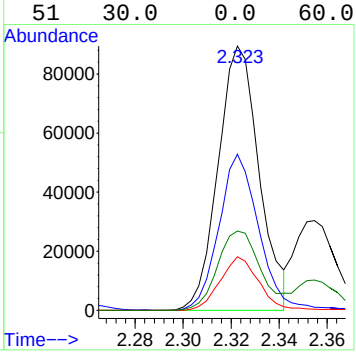


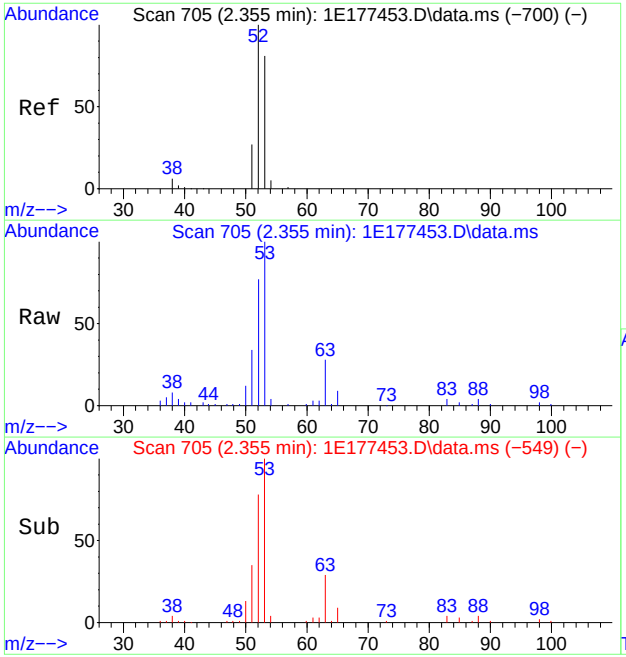


#31
chloroprene
Concen: 50.00 ug/L
RT: 2.323 min Scan# 695
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 53 Resp: 106218

Ion	Ratio	Lower	Upper
53	100		
88	59.0	29.0	89.0
90	20.3	0.0	50.3
51	30.0	0.0	60.0

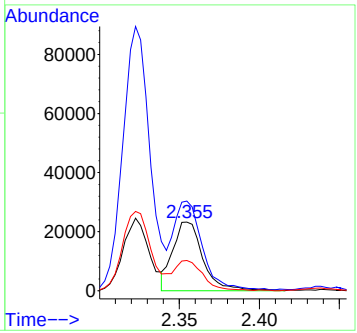


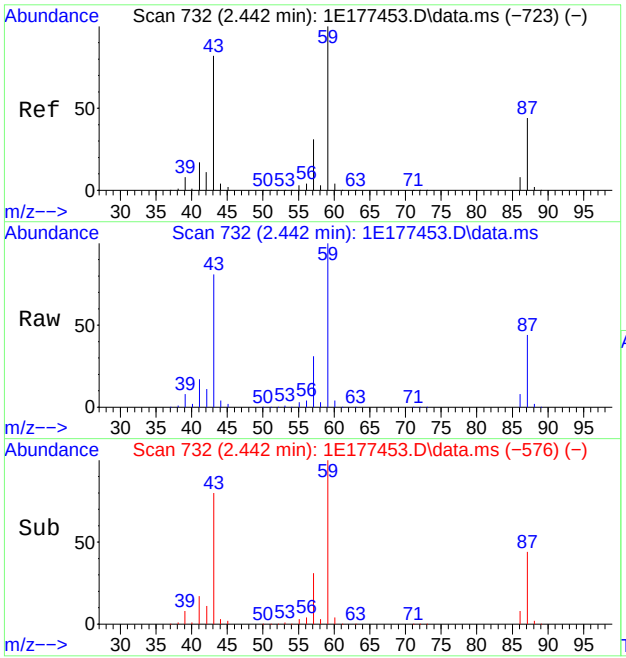


#32
acrylonitrile
Concen: 50.00 ug/L
RT: 2.355 min Scan# 705
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 52 Resp: 30619

Ion	Ratio	Lower	Upper
52	100		
53	128.3	98.3	158.3
51	43.3	13.3	73.3

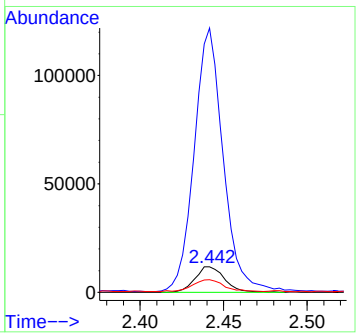


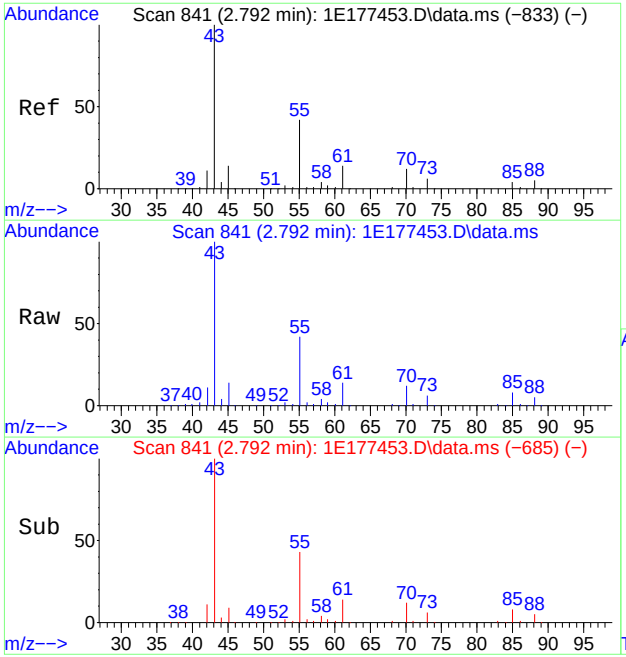


#33
vinyl acetate
Concen: 50.00 ug/L
RT: 2.442 min Scan# 732
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 86 Resp: 14604

Ion	Ratio	Lower	Upper
86	100		
43	1026.1	996.1	1056.1
44	46.2	16.2	76.2

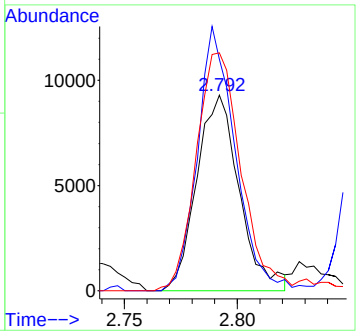


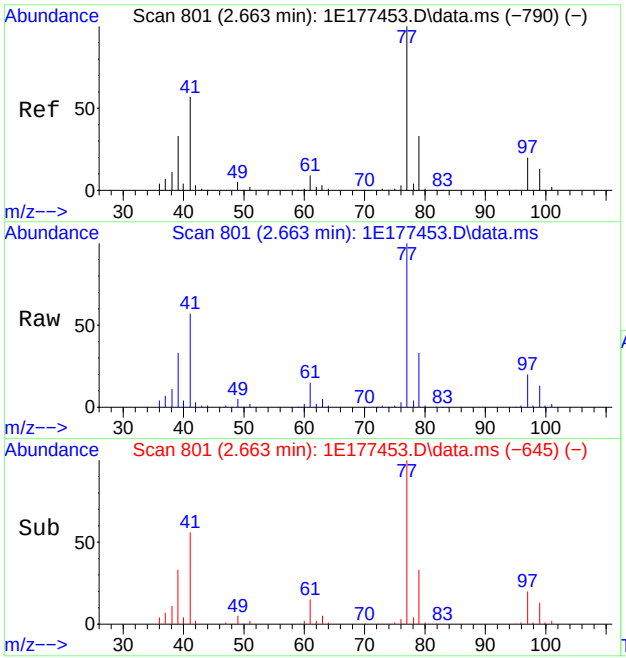


#34
ethyl acetate
Concen: 50.00 ug/L
RT: 2.792 min Scan# 841
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 70 Resp: 12191

Ion	Ratio	Lower	Upper
70	100		
61	118.3	88.3	148.3
45	119.7	89.7	149.7

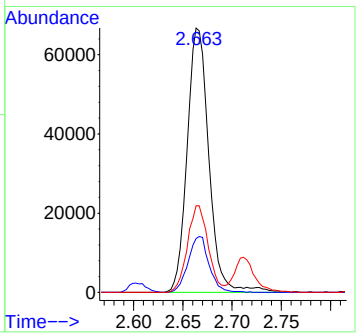


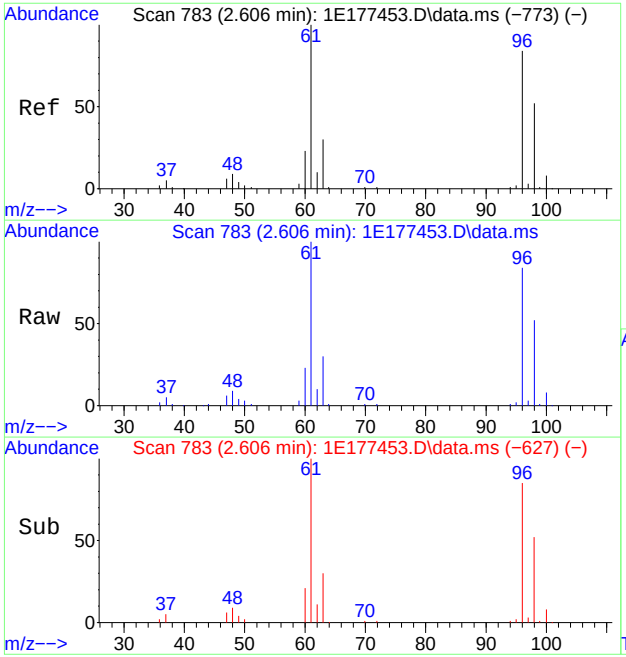


#35
2,2-dichloropropane
Concen: 50.00 ug/L
RT: 2.663 min Scan# 801
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 77 Resp: 102480

Ion	Ratio	Lower	Upper
77	100		
97	20.3	0.0	50.3
79	32.7	2.7	62.7

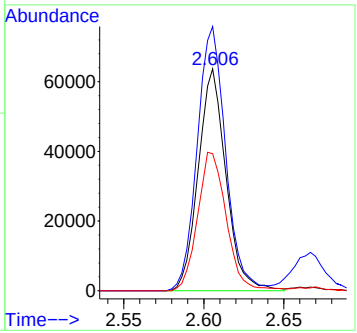


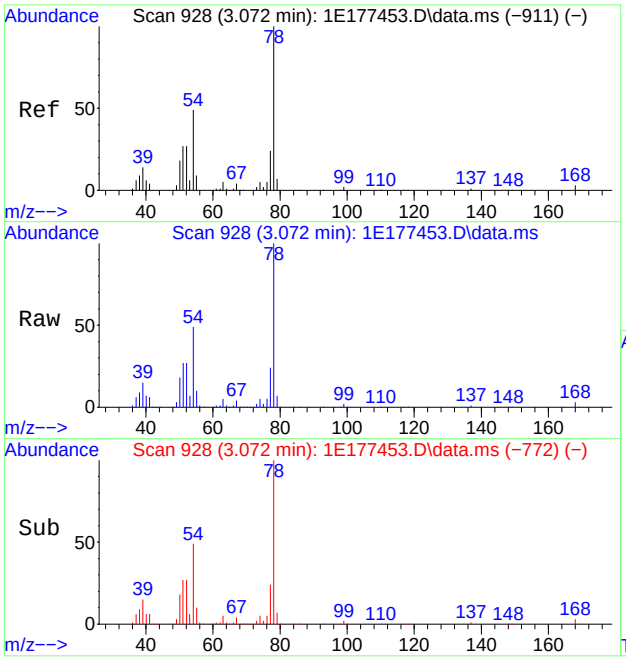


#36
cis-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 2.606 min Scan# 783
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 96 Resp: 76913

Ion	Ratio	Lower	Upper
96	100		
61	119.1	89.1	149.1
98	61.8	31.8	91.8

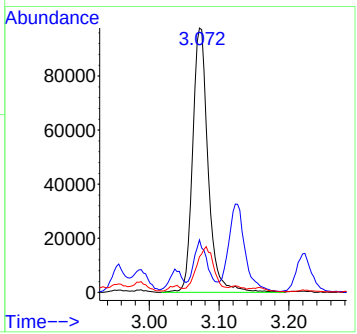


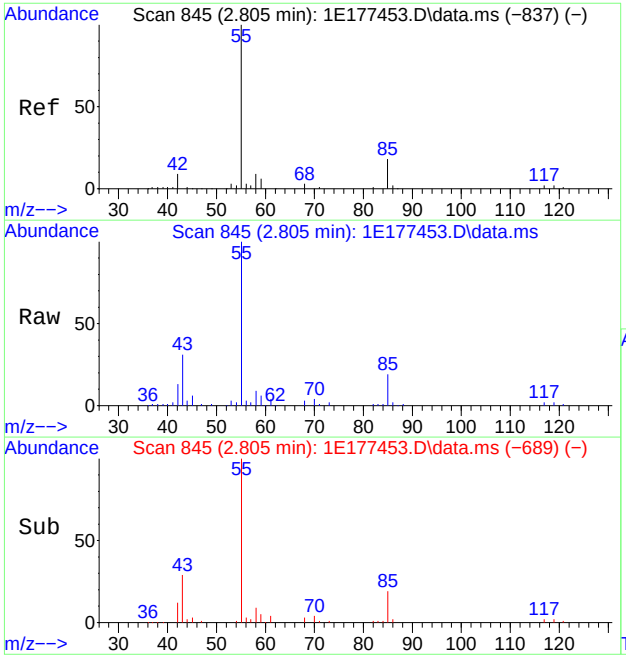


#37
propionitrile
Concen: 500.00 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 54 Resp: 150618

Ion	Ratio	Lower	Upper
54	100		
55	19.2	0.0	49.2
40	13.2	0.0	43.2

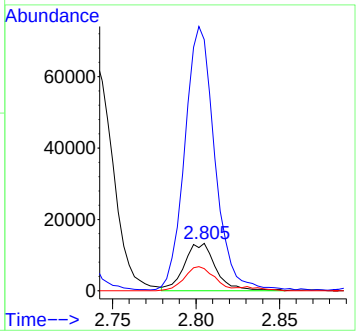


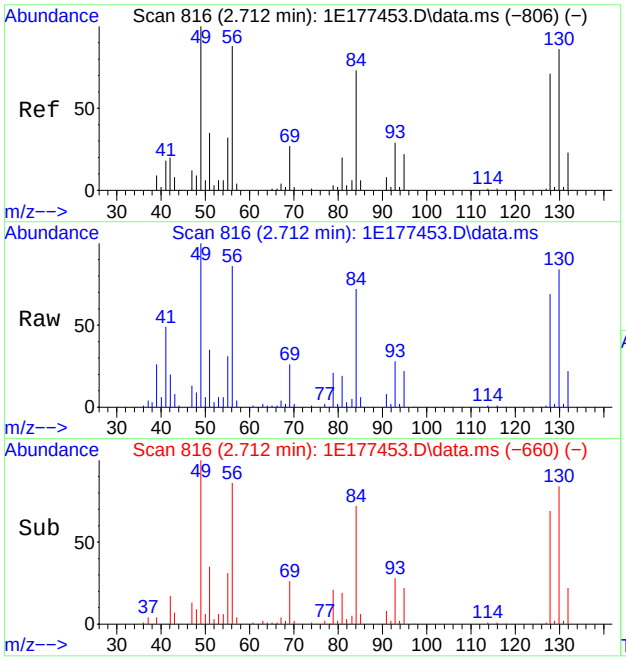


#38
methyl acrylate
Concen: 50.00 ug/L
RT: 2.805 min Scan# 845
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 85 Resp: 17529

Ion	Ratio	Lower	Upper
85	100		
55	525.5	505.5	545.5
58	45.5	25.5	65.5

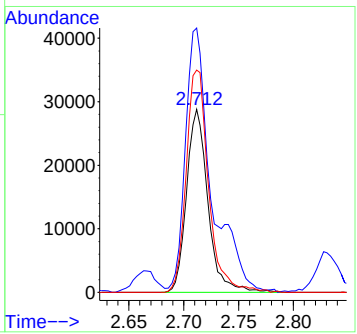


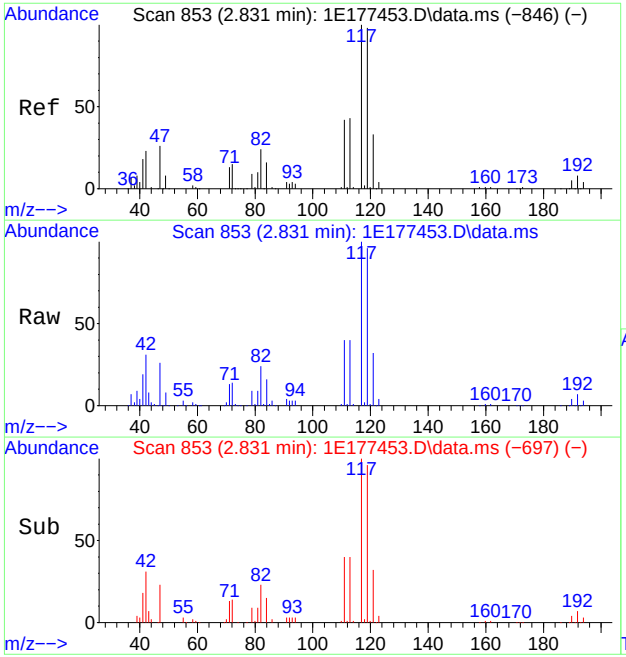


#39
bromochloromethane
Concen: 50.00 ug/L
RT: 2.712 min Scan# 816
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:128 Resp: 39183

Ion	Ratio	Lower	Upper
128	100		
49	143.7	113.7	173.7
130	121.4	91.4	151.4

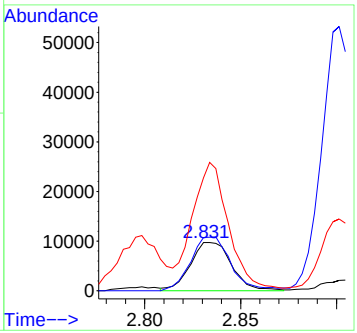


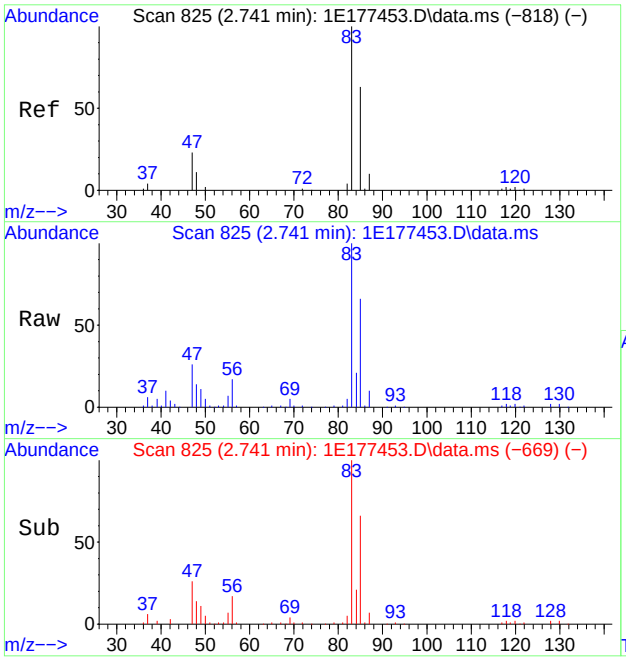


#40
tetrahydrofuran
Concen: 50.00 ug/L
RT: 2.831 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 71 Resp: 14588

Ion	Ratio	Lower	Upper
71	100		
72	112.2	82.2	142.2
42	231.9	201.9	261.9

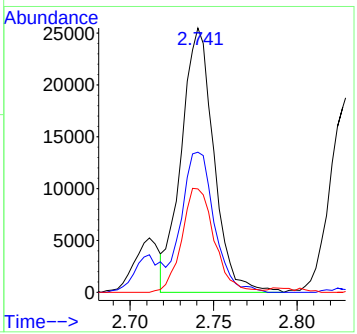


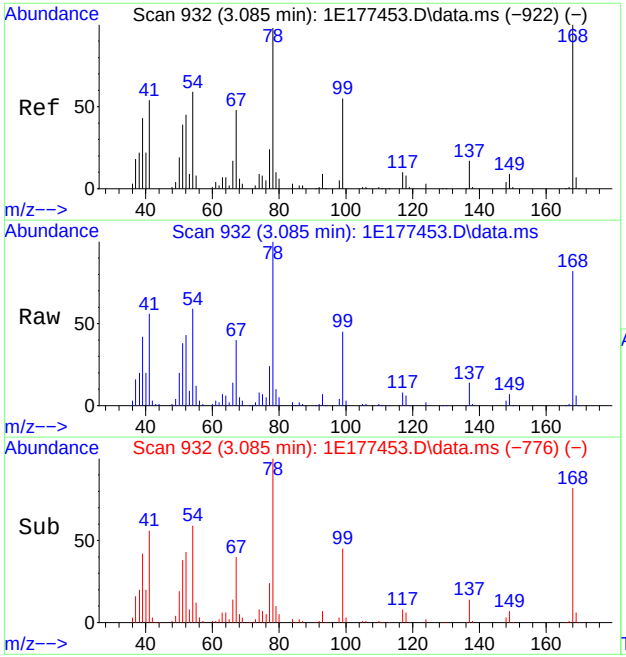


#41
chloroform
Concen: 50.00 ug/L
RT: 2.741 min Scan# 825
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 47 Resp: 34680

Ion	Ratio	Lower	Upper
47	100		
48	53.0	23.0	83.0
87	38.1	8.1	68.1

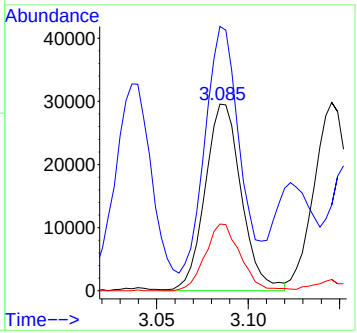


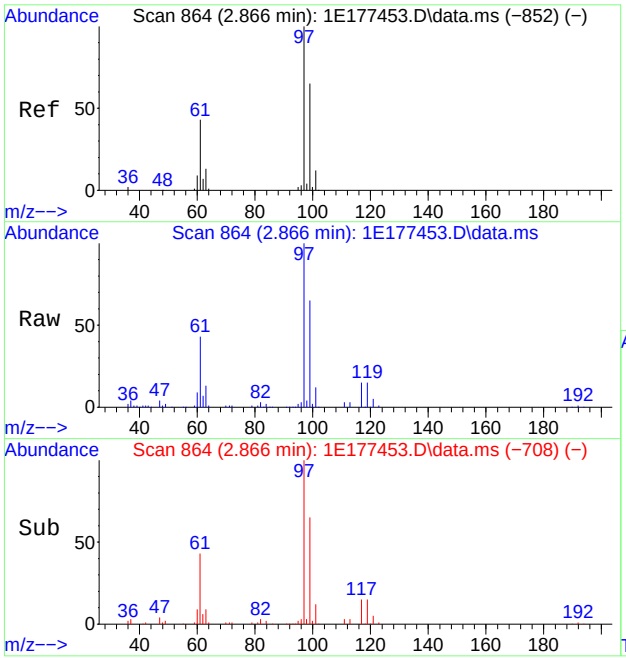


#43
methacrylonitrile
Concen: 50.00 ug/L
RT: 3.085 min Scan# 932
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 67 Resp: 41038

Ion	Ratio	Lower	Upper
67	100		
41	113.8	83.8	143.8
66	36.0	6.0	66.0

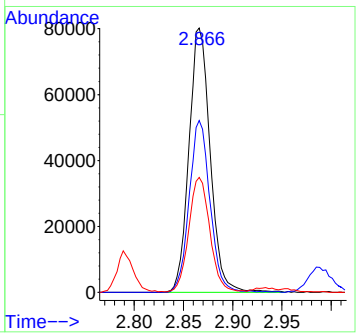


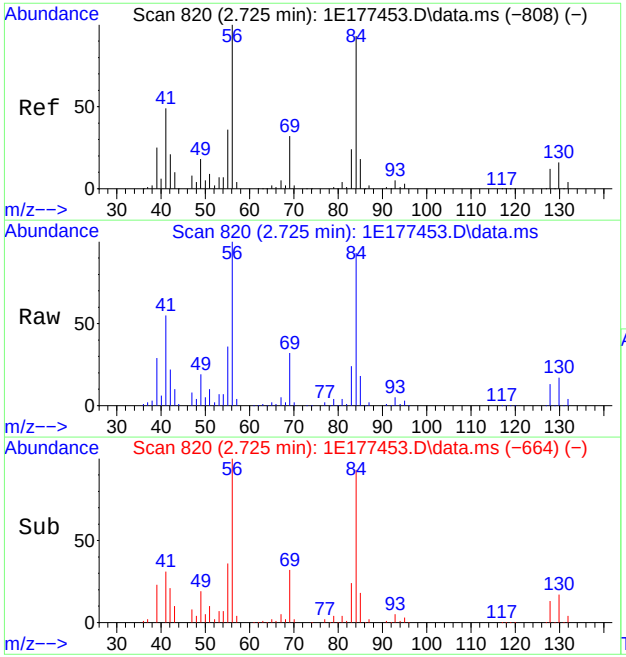


#44
1,1,1-trichloroethane
Concen: 50.00 ug/L
RT: 2.866 min Scan# 864
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 97 Resp: 120905

Ion	Ratio	Lower	Upper
97	100		
99	64.9	34.9	94.9
61	43.2	13.2	73.2

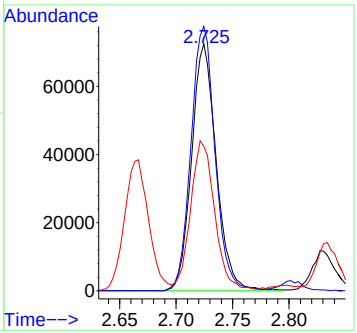


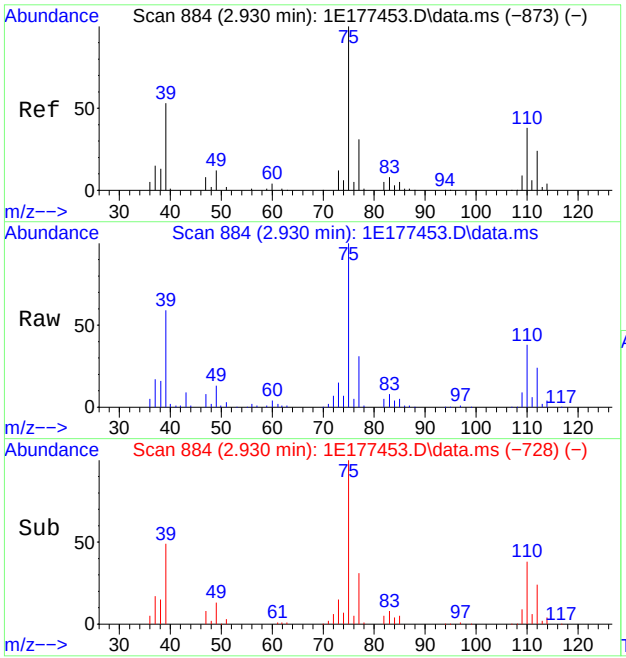


#45
cyclohexane
Concen: 50.00 ug/L
RT: 2.725 min Scan# 820
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 84 Resp: 109896

Ion	Ratio	Lower	Upper
84	100		
56	107.1	87.1	127.1
41	56.3	36.3	76.3

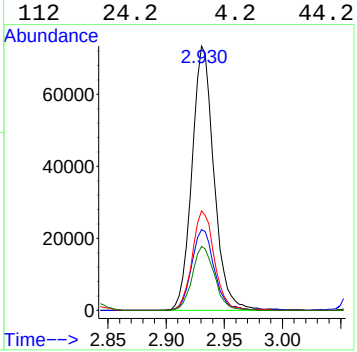


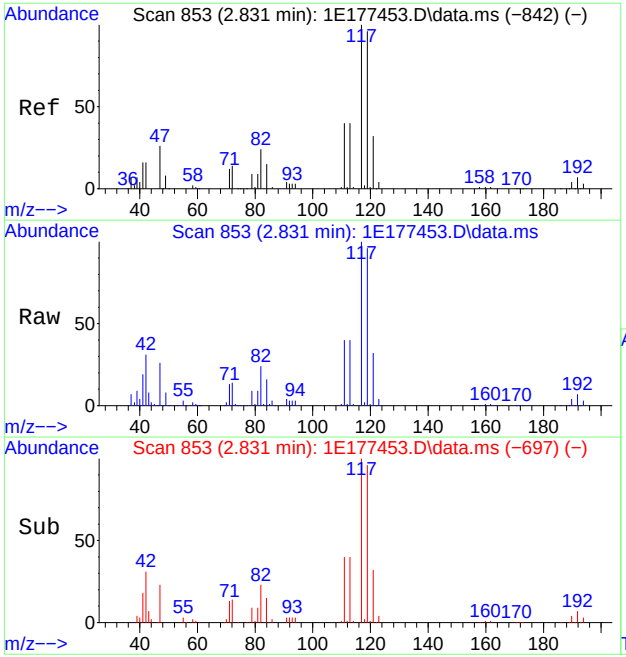


#46
1,1-dichloropropene
Concen: 50.00 ug/L
RT: 2.930 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 75 Resp: 96955

Ion	Ratio	Lower	Upper
75	100		
77	30.6	10.6	50.6
110	37.7	17.7	57.7
112	24.2	4.2	44.2

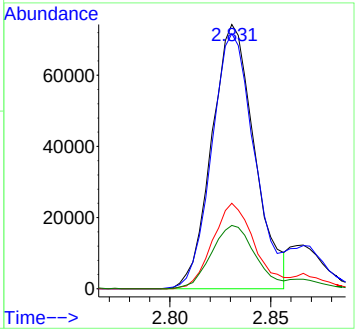


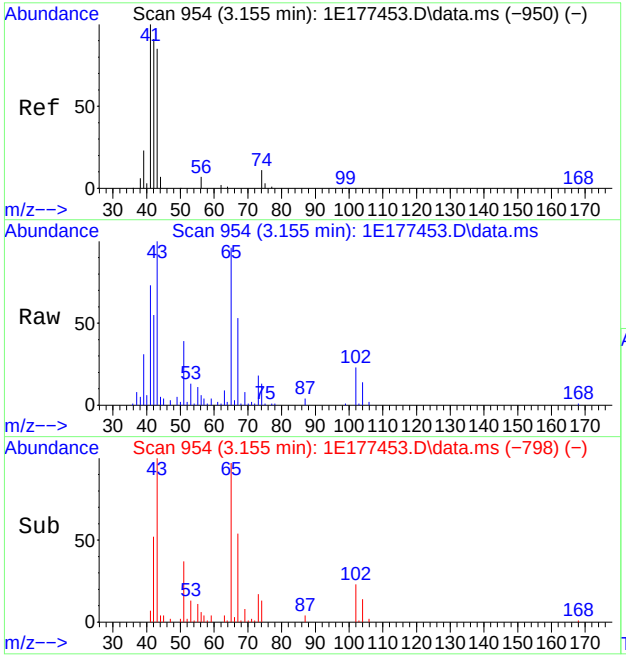


#47
carbon tetrachloride
Concen: 50.00 ug/L
RT: 2.831 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:117 Resp: 109266

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.4	116.4
121	32.4	12.4	52.4
82	24.0	4.0	44.0

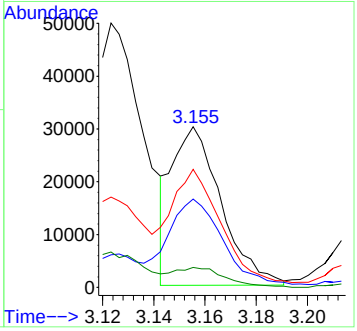


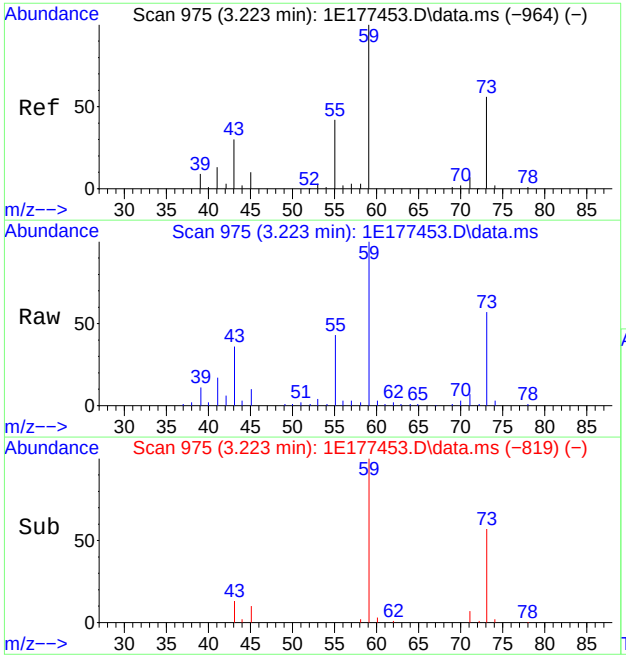


#48
isobutyl alcohol
Concen: 500.00 ug/L
RT: 3.155 min Scan# 954
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 43 Resp: 40320

Ion	Ratio	Lower	Upper
43	100		
42	54.0	34.0	74.0
41	72.4	52.4	92.4
74	12.3	0.0	32.3

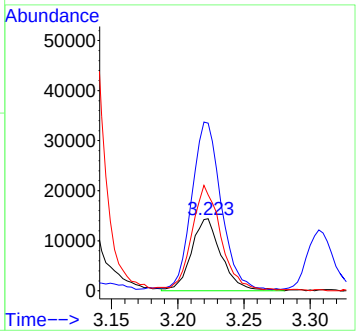


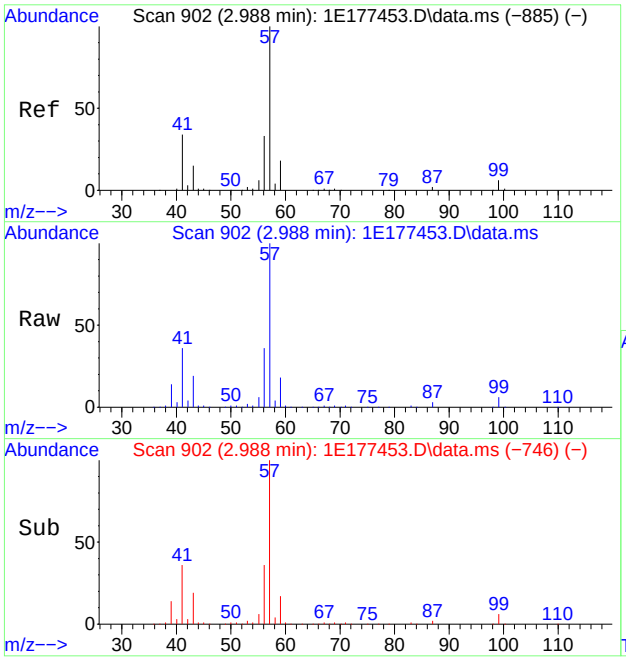


#49
tert-amyl alcohol
Concen: 250.00 ug/L
RT: 3.223 min Scan# 975
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 55 Resp: 22737

Ion	Ratio	Lower	Upper
55	100		
59	230.1	210.1	250.1
73	131.6	111.6	151.6

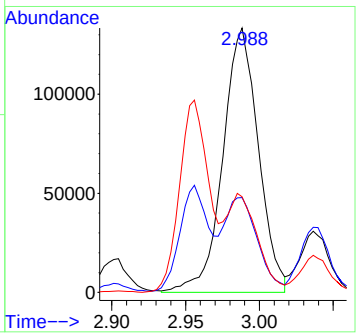


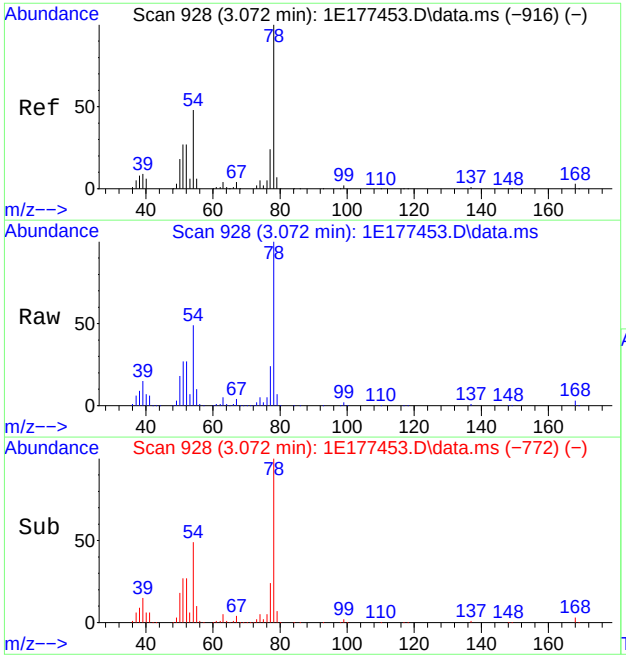


#52
iso-octane
Concen: 50.00 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 57 Resp: 223737

Ion	Ratio	Lower	Upper
57	100		
41	34.3	14.3	54.3
56	33.6	13.6	53.6

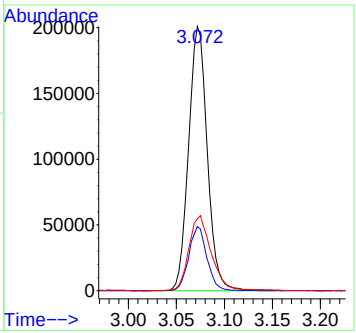


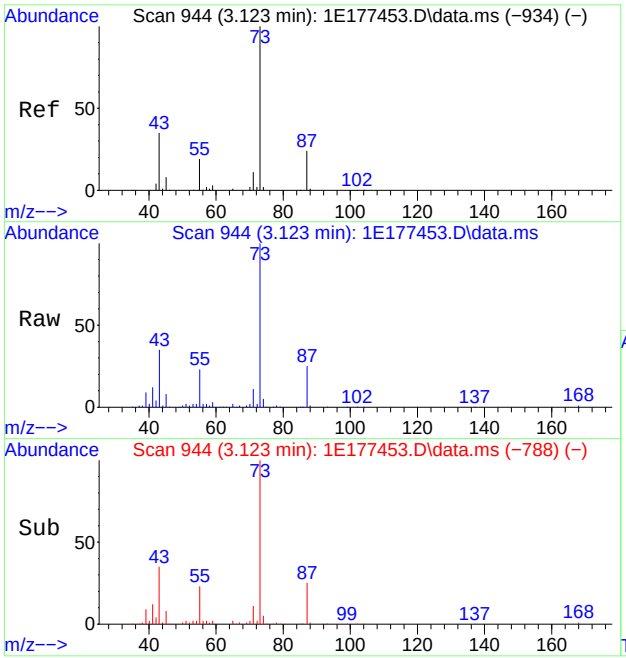


#53
benzene
Concen: 50.00 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 78 Resp: 273337

Ion	Ratio	Lower	Upper
78	100		
77	24.3	0.0	54.3
52	27.1	0.0	57.1

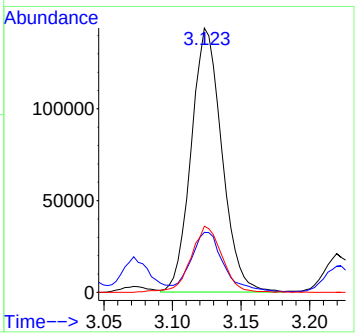


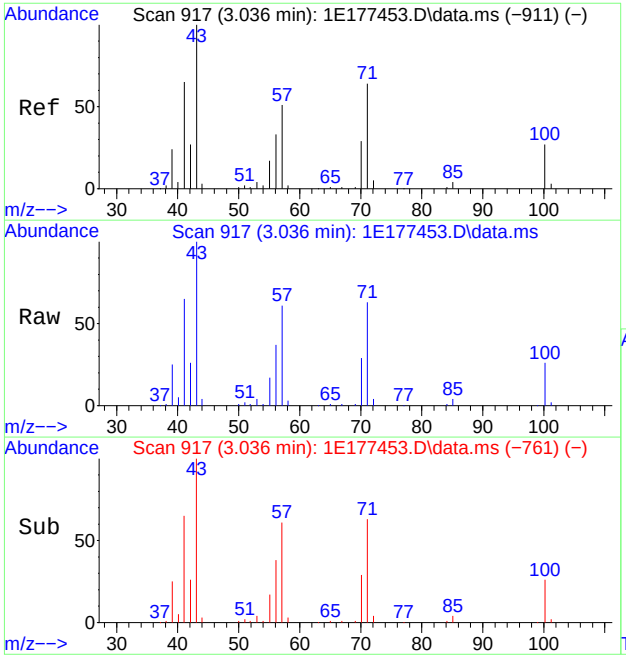


#54
tert-amyl methyl ether
Concen: 50.00 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 73 Resp: 224375

Ion	Ratio	Lower	Upper
73	100		
55	22.5	2.5	42.5
87	25.0	5.0	45.0

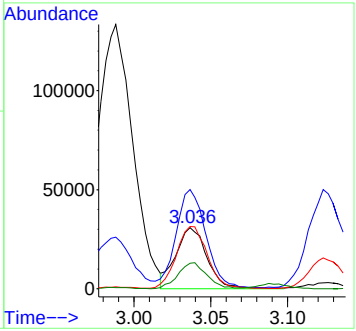


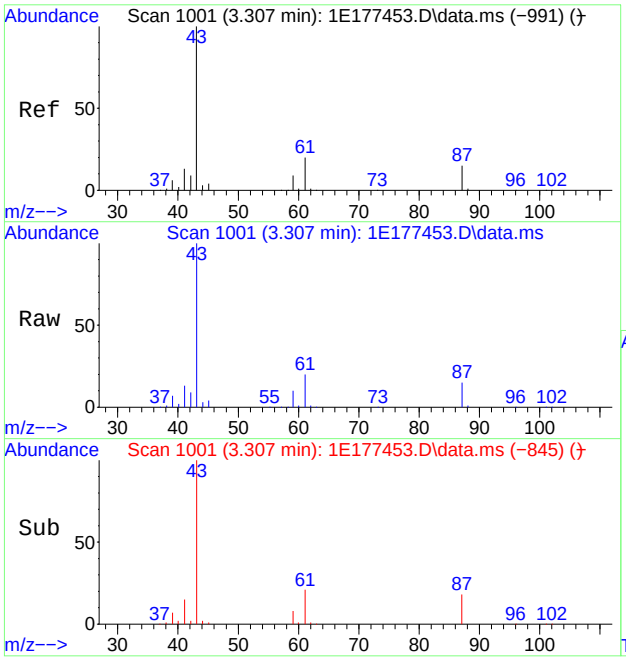


#55
heptane
Concen: 50.00 ug/L
RT: 3.036 min Scan# 917
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 57 Resp: 43888

Ion	Ratio	Lower	Upper
57	100		
43	159.2	129.2	189.2
71	101.9	71.9	131.9
100	40.2	10.2	70.2

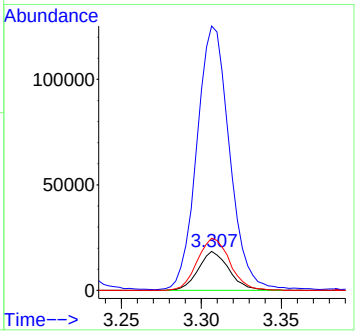


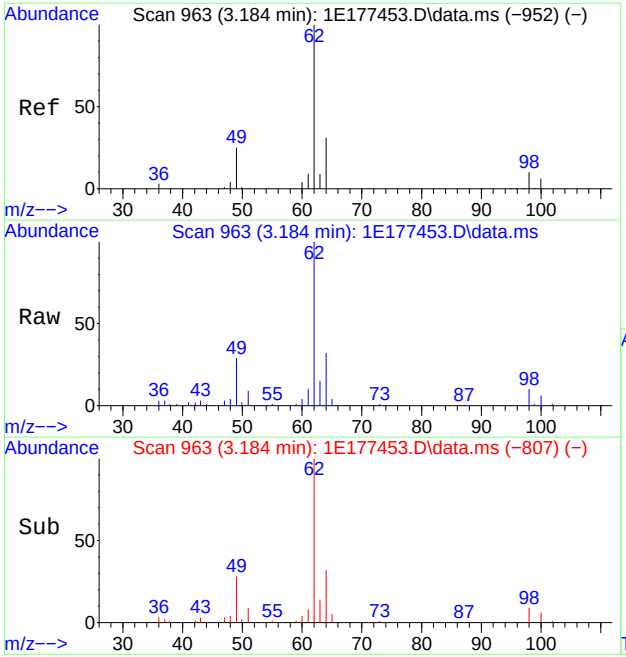


#56
isopropyl acetate
Concen: 50.00 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 87 Resp: 24690

Ion	Ratio	Lower	Upper
87	100		
43	677.0	647.0	707.0
61	134.0	104.0	164.0

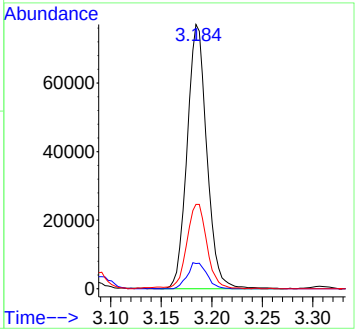


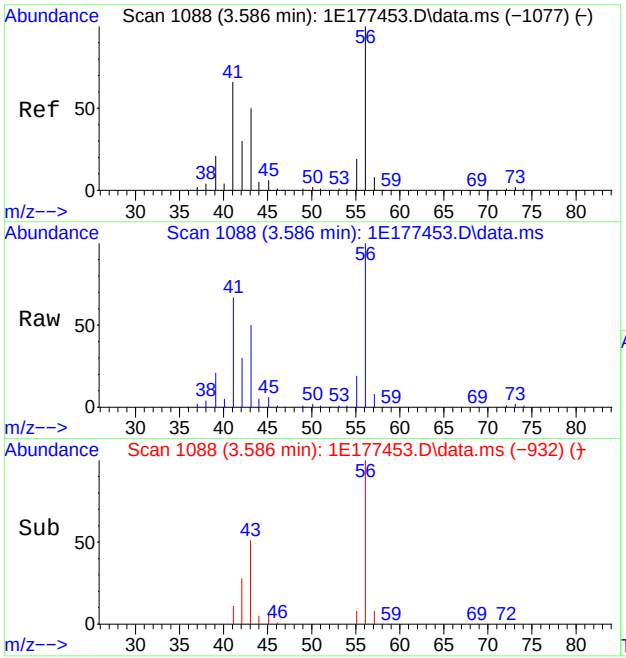


#57
1,2-dichloroethane
Concen: 50.00 ug/L
RT: 3.184 min Scan# 963
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 62 Resp: 104494

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	39.5
64	31.9	1.9	61.9

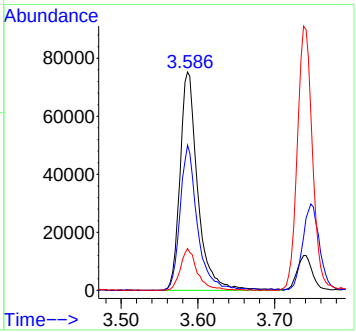


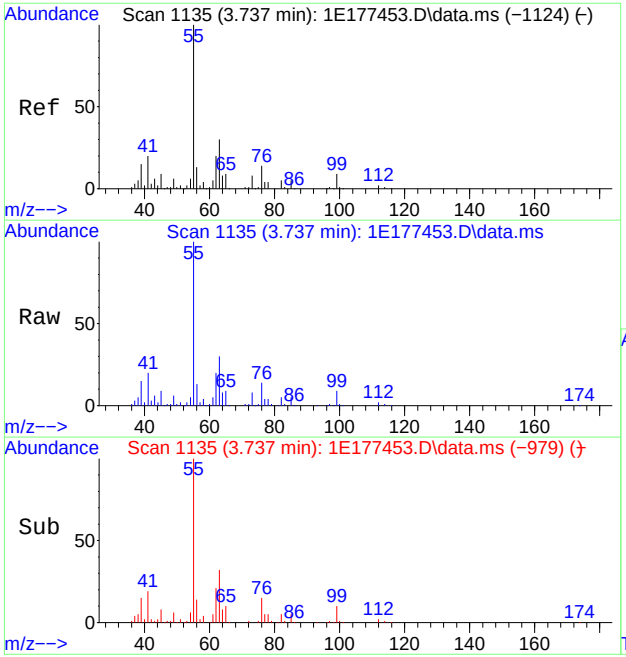


#58
n-butyl alcohol
Concen: 2500.00 ug/L
RT: 3.586 min Scan# 1088
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 56 Resp: 120675

Ion	Ratio	Lower	Upper
56	100		
41	66.6	46.6	86.6
55	19.2	0.0	39.2

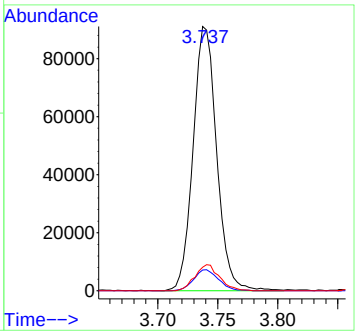


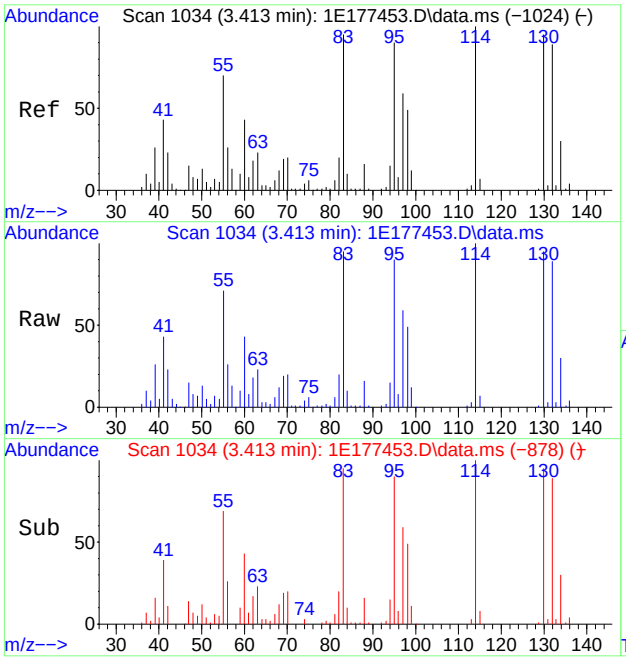


#59
ethyl acrylate
Concen: 50.00 ug/L
RT: 3.737 min Scan# 1135
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 55 Resp: 124929

Ion	Ratio	Lower	Upper
55	100		
73	7.9	0.0	37.9
99	8.9	0.0	38.9

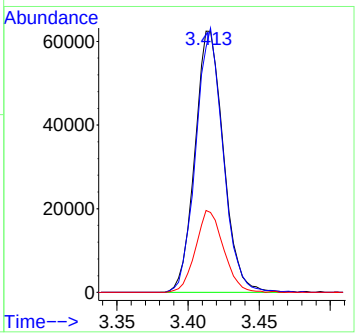


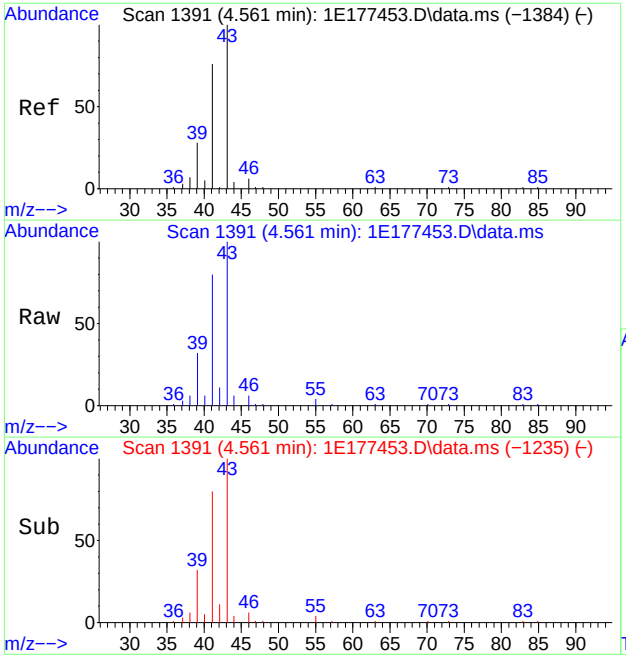


#60
trichloroethene
Concen: 50.00 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:130 Resp: 87148

Ion	Ratio	Lower	Upper
130	100		
132	93.8	63.8	123.8
134	31.3	1.3	61.3

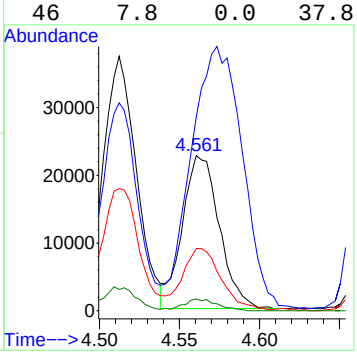


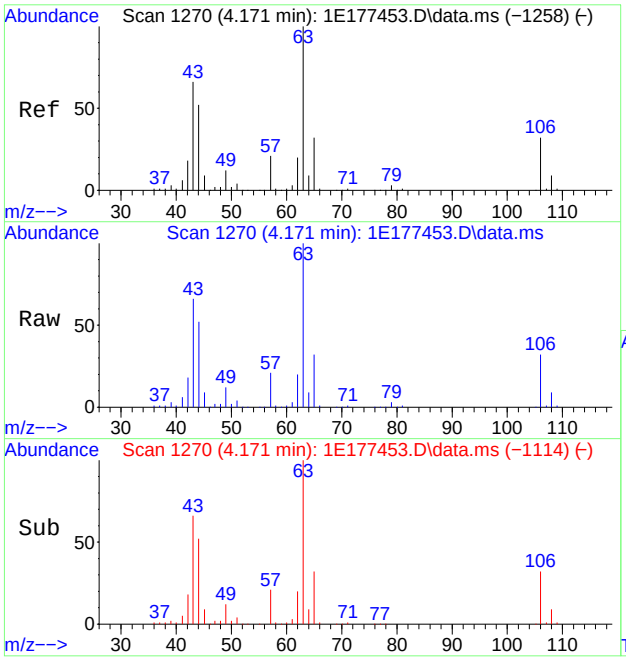


#61
2-nitropropane
Concen: 50.00 ug/L
RT: 4.561 min Scan# 1391
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 41 Resp: 36362

Ion	Ratio	Lower	Upper
41	100		
43	123.3	93.3	153.3
39	39.2	9.2	69.2
46	7.8	0.0	37.8

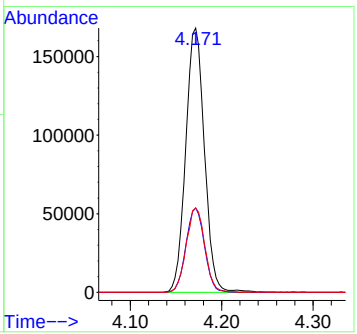


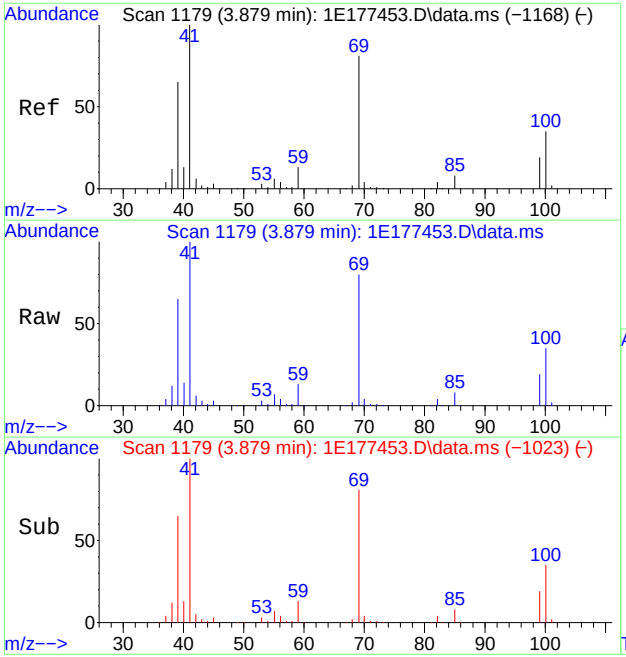


#62
2-chloroethyl vinyl ether
Concen: 250.00 ug/L
RT: 4.171 min Scan# 1270
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 63 Resp: 239456

Ion	Ratio	Lower	Upper
63	100		
65	31.9	1.9	61.9
106	32.0	2.0	62.0

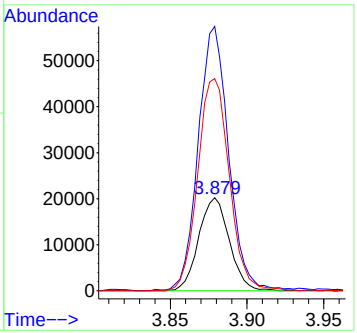


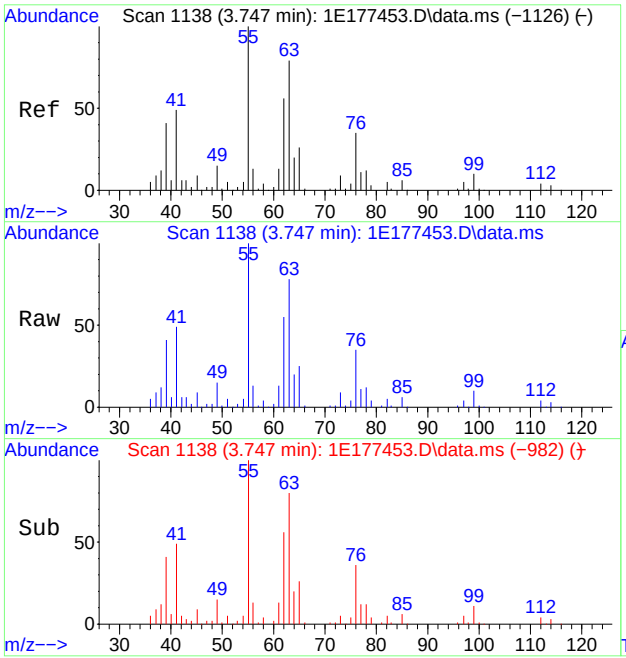


#63
methyl methacrylate
Concen: 50.00 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:100 Resp: 28036

Ion	Ratio	Lower	Upper
100	100		
41	283.3	253.3	313.3
69	228.3	198.3	258.3

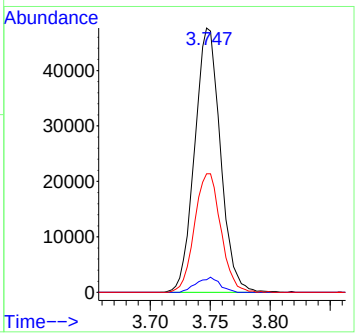


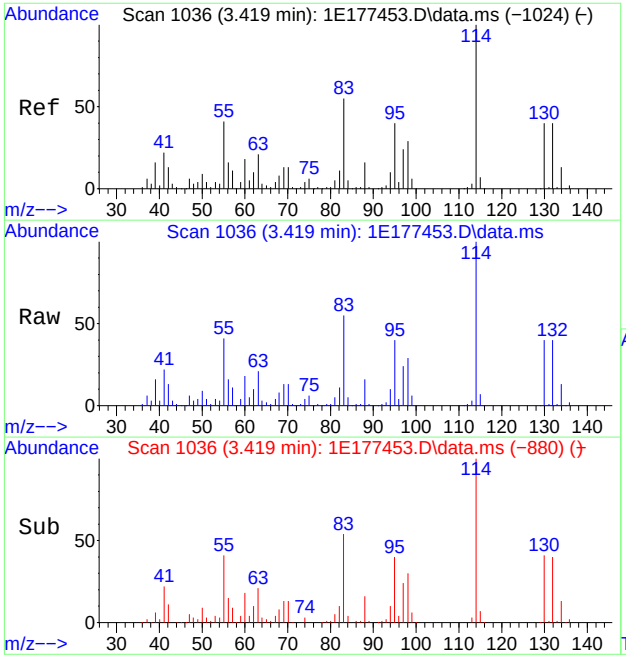


#64
1,2-dichloropropane
Concen: 50.00 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 63 Resp: 71242

Ion	Ratio	Lower	Upper
63	100		
112	4.8	0.0	34.8
76	44.8	14.8	74.8

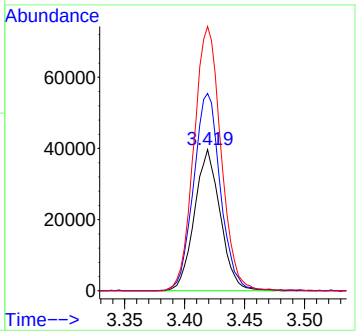


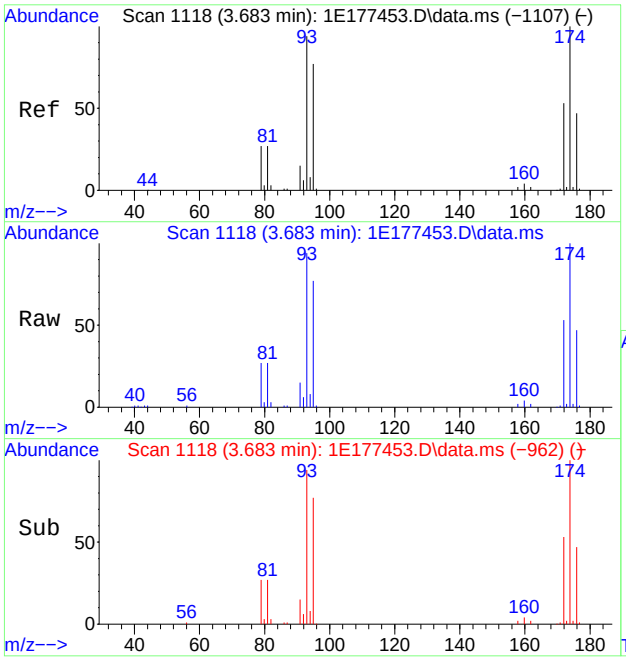


#65
methylcyclohexane
Concen: 50.00 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 98 Resp: 59630

Ion	Ratio	Lower	Upper
98	100		
55	139.6	109.6	169.6
83	187.2	187.2	187.2#

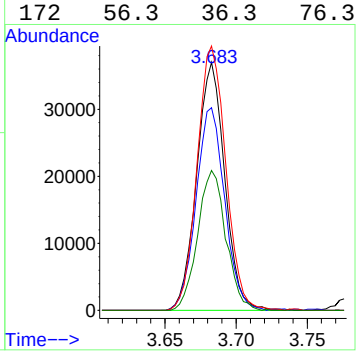


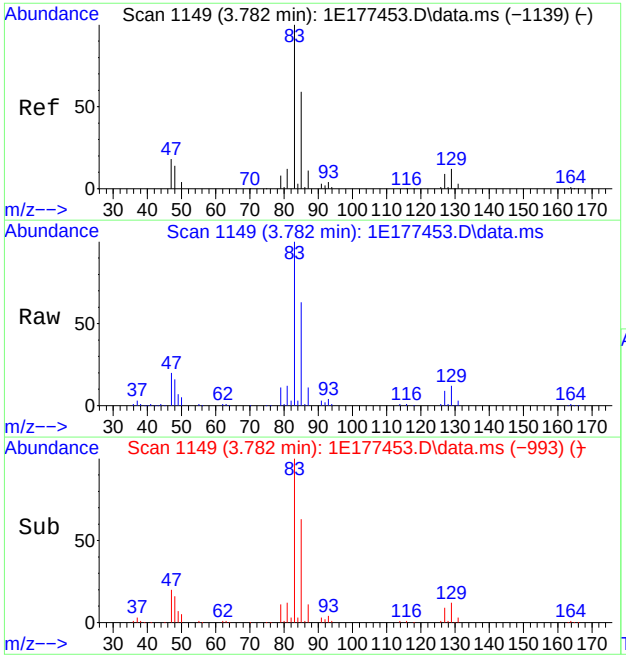


#66
dibromomethane
Concen: 50.00 ug/L
RT: 3.683 min Scan# 1118
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 93 Resp: 50811

Ion	Ratio	Lower	Upper
93	100		
95	81.7	51.7	111.7
174	106.6	76.6	136.6
172	56.3	36.3	76.3

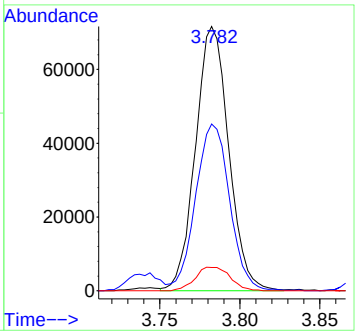


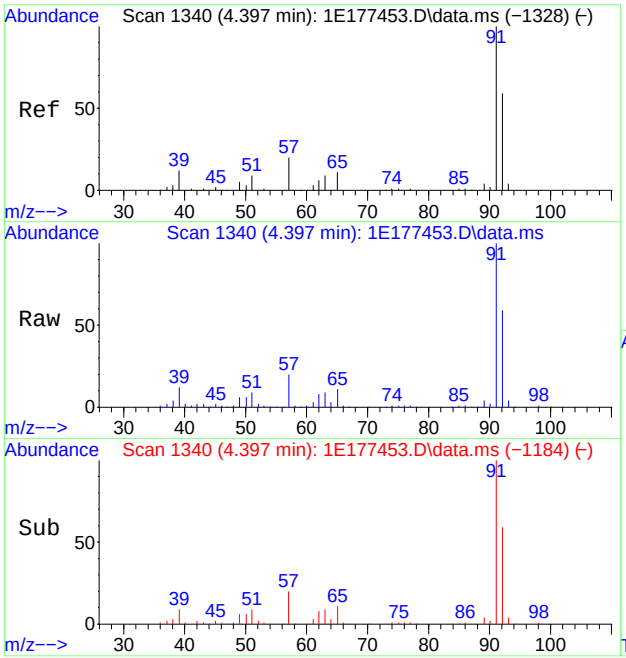


#67
bromodichloromethane
Concen: 50.00 ug/L
RT: 3.782 min Scan# 1149
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 83 Resp: 103834

Ion	Ratio	Lower	Upper
83	100		
85	63.0	33.0	93.0
127	8.8	0.0	38.8

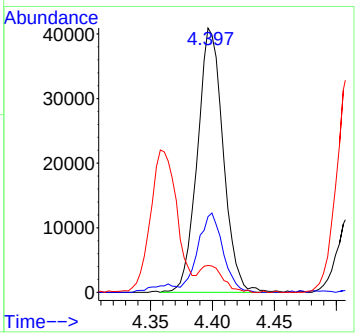


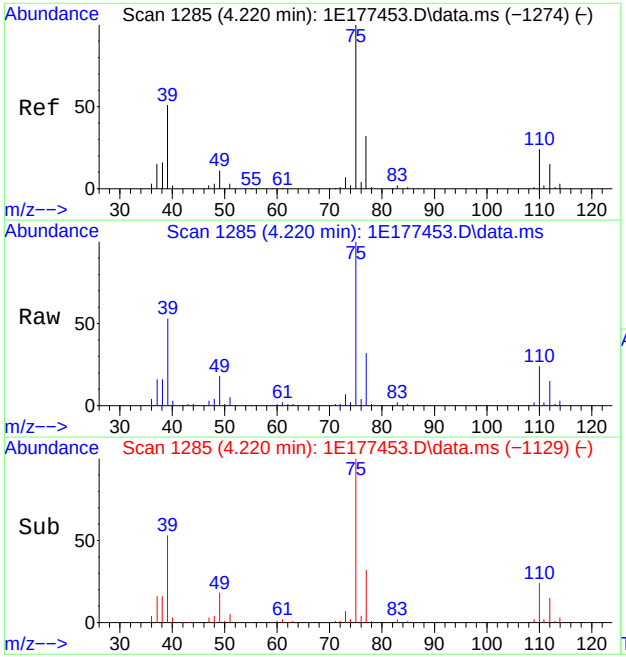


#68
epichlorohydrin
Concen: 250.00 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 57 Resp: 59228

Ion	Ratio	Lower	Upper
57	100		
49	28.6	8.6	48.6
42	10.2	0.0	30.2

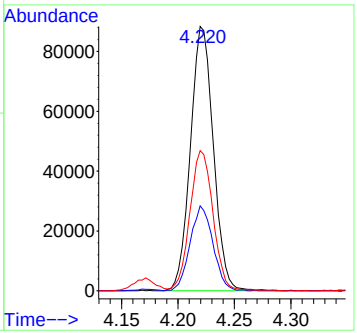


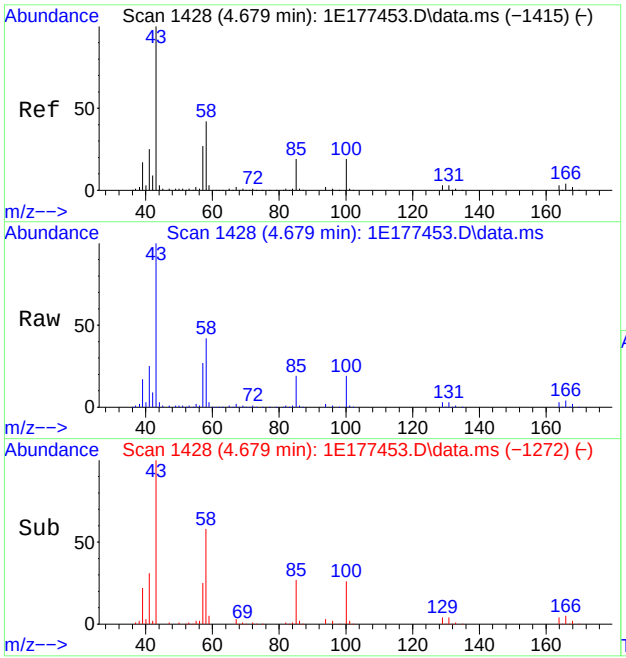


#69
cis-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 4.220 min Scan# 1285
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 75 Resp: 125289

Ion	Ratio	Lower	Upper
75	100		
77	32.1	2.1	62.1
39	53.0	23.0	83.0

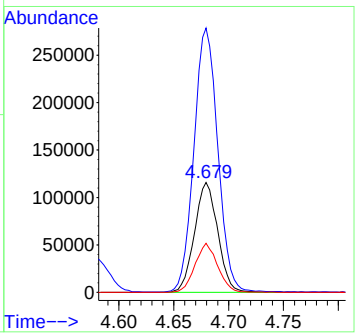


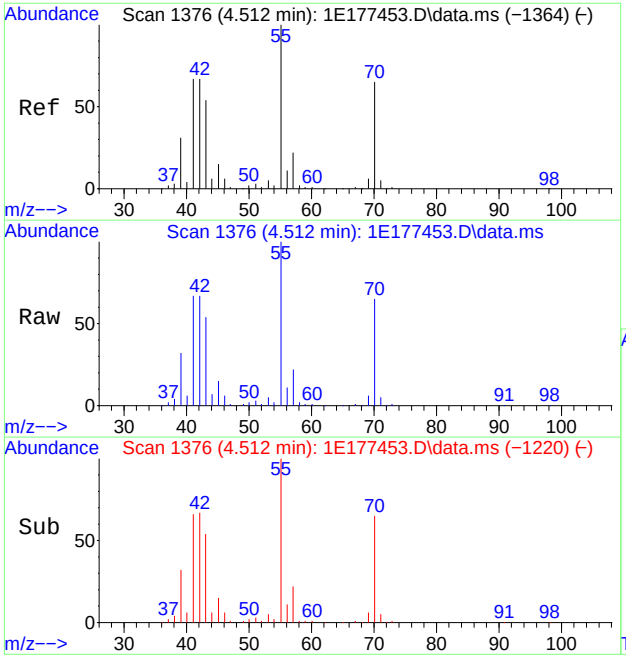


#70
4-methyl-2-pentanone
Concen: 200.00 ug/L
RT: 4.679 min Scan# 1428
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 58 Resp: 170907

Ion	Ratio	Lower	Upper
58	100		
43	240.4	210.4	270.4
100	44.6	14.6	74.6

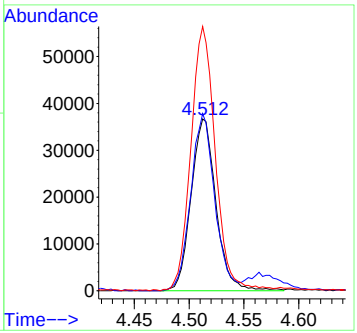


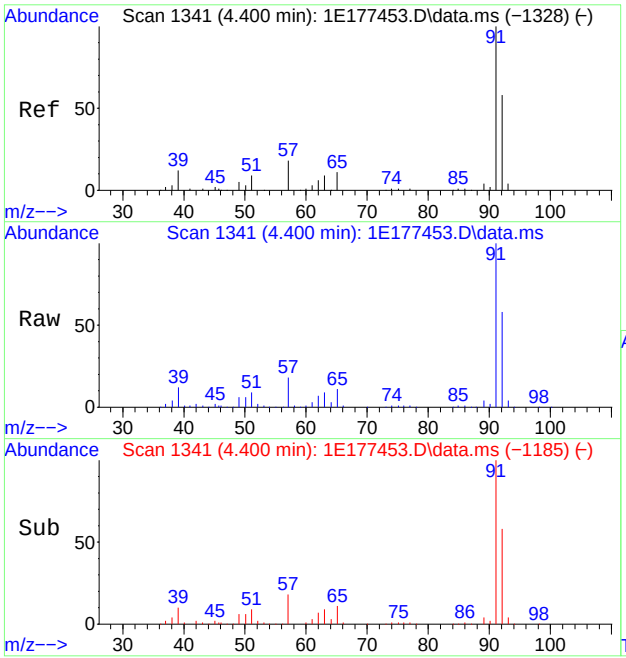


#71
3-methyl-1-butanol
Concen: 1000.00 ug/L
RT: 4.512 min Scan# 1376
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 70 Resp: 57924

Ion	Ratio	Lower	Upper
70	100		
42	103.1	73.1	133.1
55	153.9	123.9	183.9

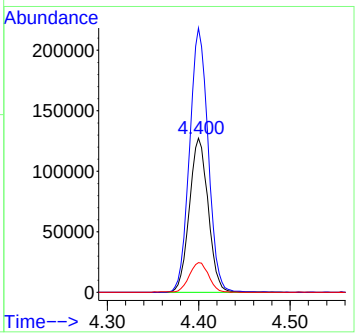


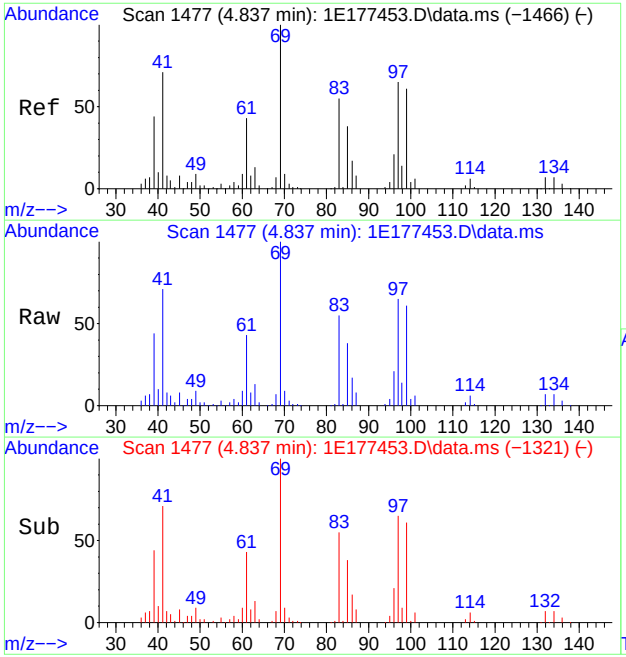


#74
toluene
Concen: 50.00 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 92 Resp: 181736

Ion	Ratio	Lower	Upper
92	100		
91	171.4	151.4	191.4
65	19.2	0.0	39.2

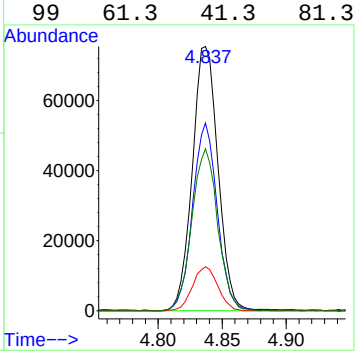


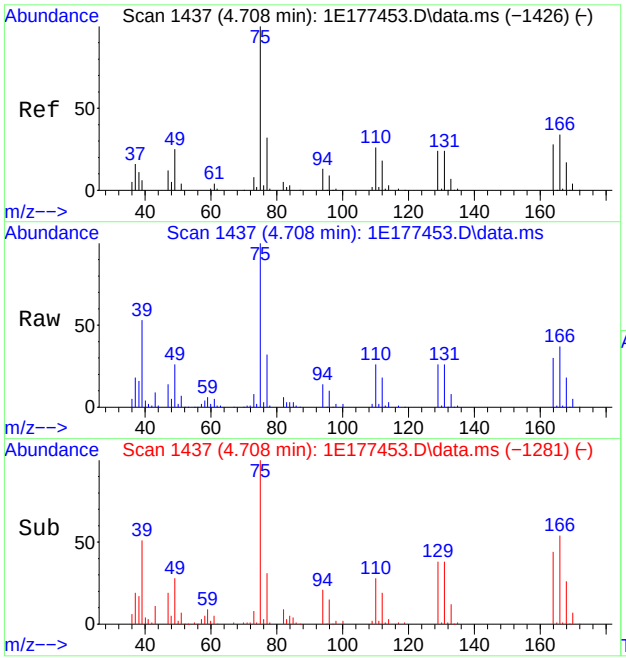


#75
ethyl methacrylate
Concen: 50.00 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 69 Resp: 105759

Ion	Ratio	Lower	Upper
69	100		
41	71.1	51.1	91.1
86	16.7	0.0	36.7
99	61.3	41.3	81.3

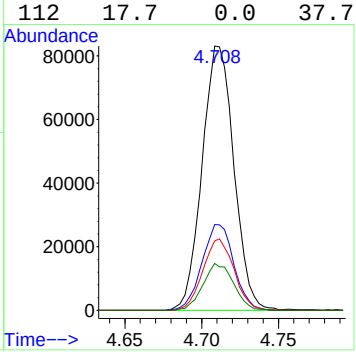


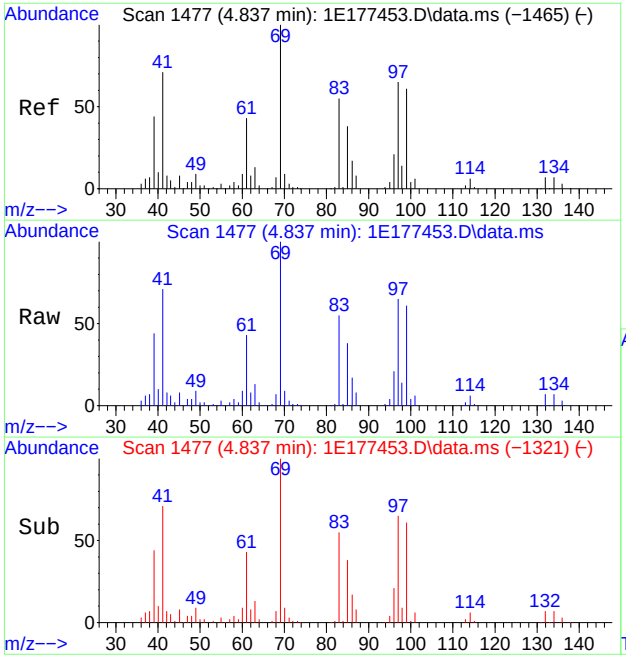


#76
trans-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 4.708 min Scan# 1437
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 75 Resp: 119714

Ion	Ratio	Lower	Upper
75	100		
77	32.4	12.4	52.4
110	26.3	6.3	46.3
112	17.7	0.0	37.7

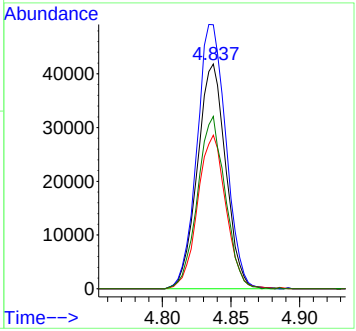


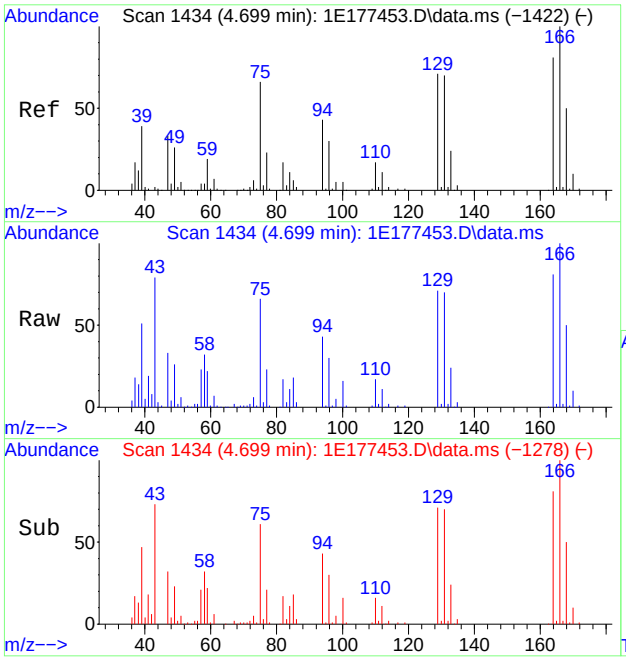


#77
1,1,2-trichloroethane
Concen: 50.00 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 83 Resp: 60195

Ion	Ratio	Lower	Upper
83	100		
97	117.4	97.4	137.4
85	68.3	48.3	88.3
61	76.7	56.7	96.7

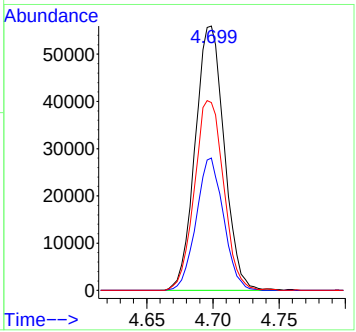


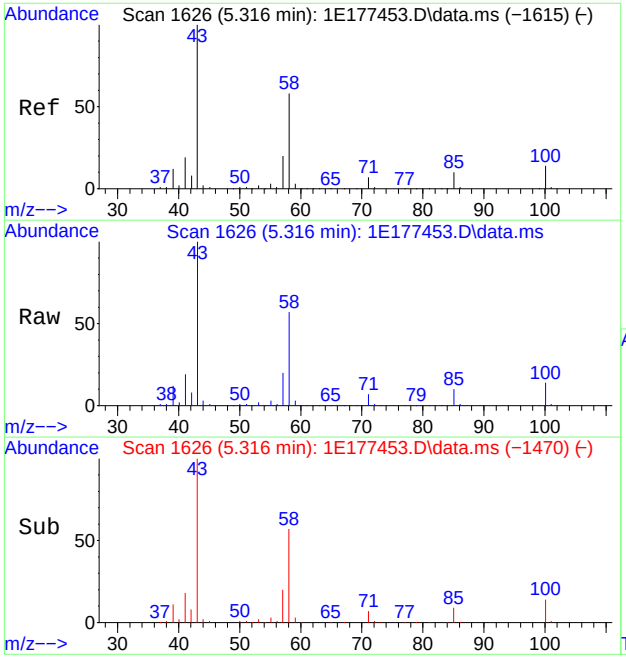


#78
tetrachloroethene
Concen: 50.00 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:166 Resp: 85390

Ion	Ratio	Lower	Upper
166	100		
168	50.1	20.1	80.1
129	71.0	41.0	101.0

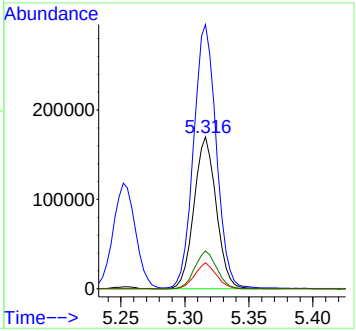


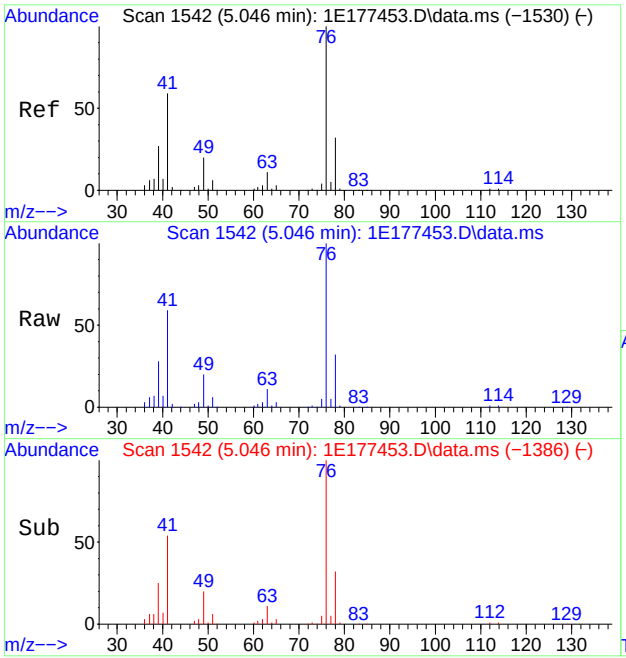


#79
2-hexanone
Concen: 200.00 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 58 Resp: 205778

Ion	Ratio	Lower	Upper
58	100		
43	173.6	153.6	193.6
85	17.1	0.0	37.1
100	25.0	5.0	45.0

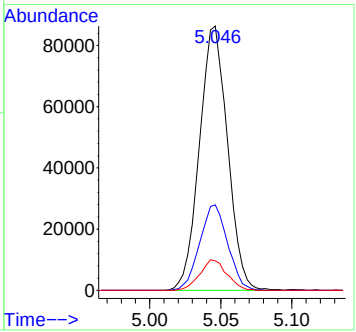


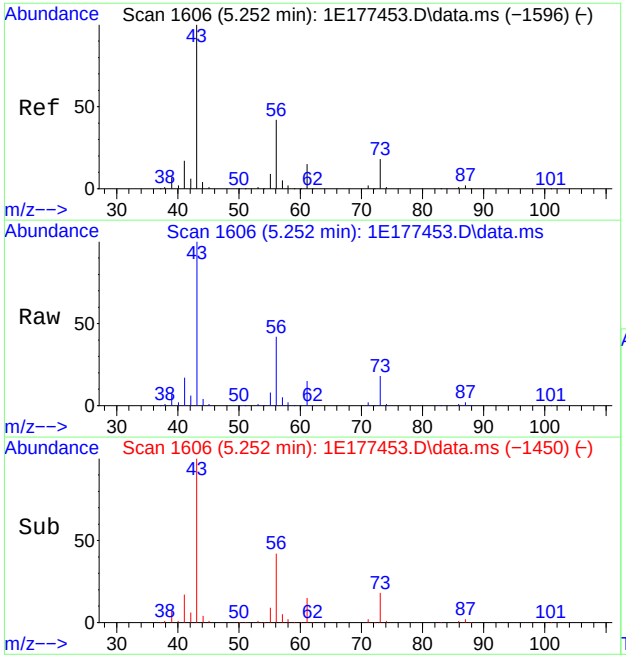


#80
1,3-dichloropropane
Concen: 50.00 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 76 Resp: 118756

Ion	Ratio	Lower	Upper
76	100		
78	32.4	2.4	62.4
63	11.1	0.0	41.1

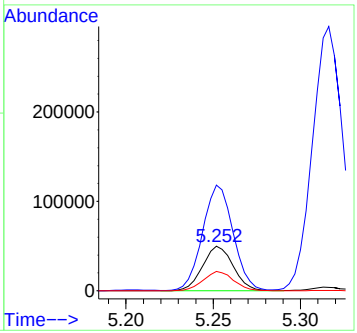


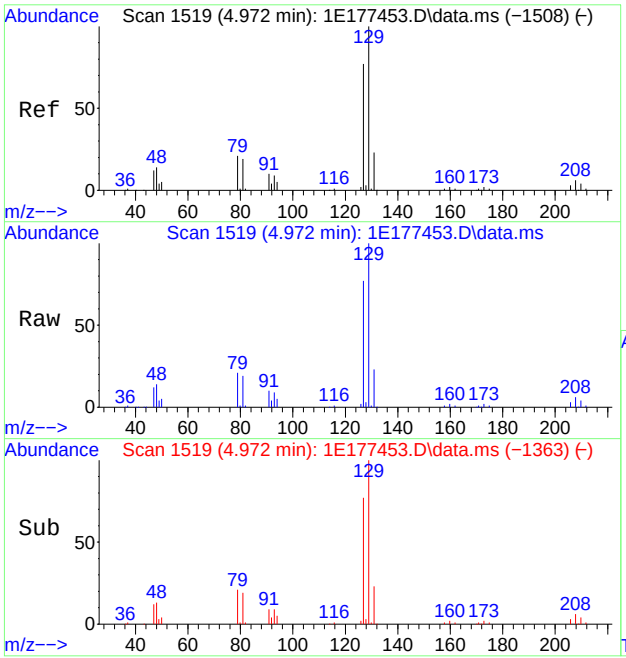


#81
butyl acetate
Concen: 50.00 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 56 Resp: 61102

Ion	Ratio	Lower	Upper
56	100		
43	235.8	205.8	265.8
73	43.1	13.1	73.1

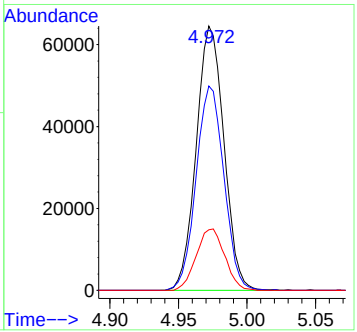


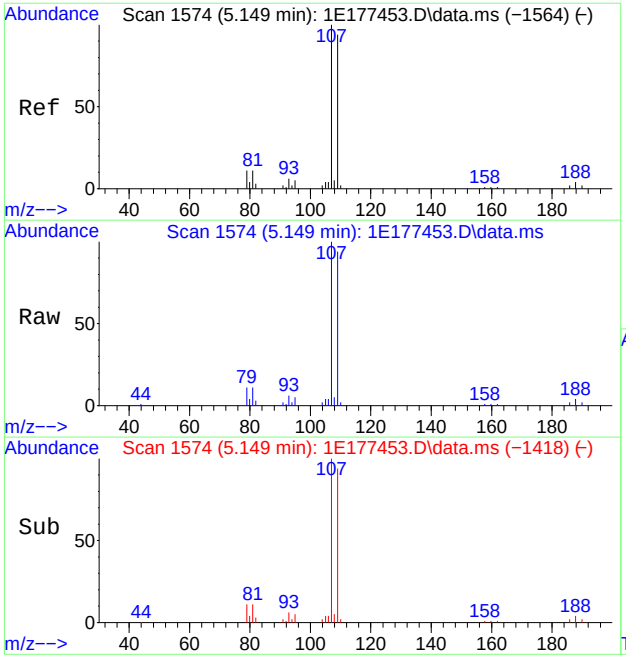


#82
dibromochloromethane
Concen: 50.00 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:129 Resp: 90718

Ion	Ratio	Lower	Upper
129	100		
127	77.3	47.3	107.3
131	22.9	0.0	52.9

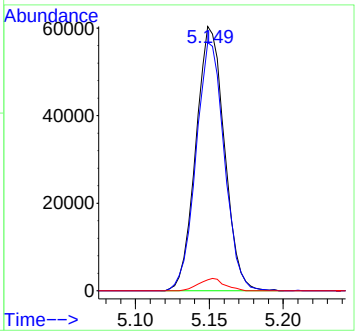


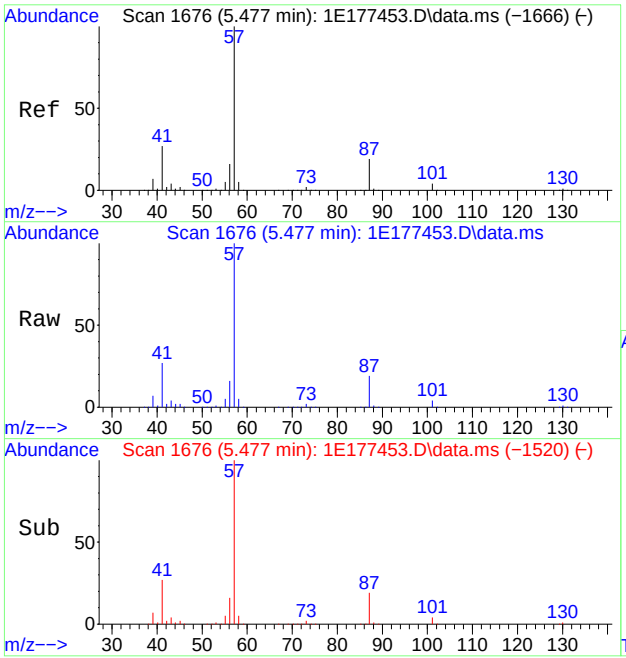


#83
1,2-dibromoethane
Concen: 50.00 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:107 Resp: 80725

Ion	Ratio	Lower	Upper
107	100		
109	93.9	63.9	123.9
188	4.1	0.0	34.1

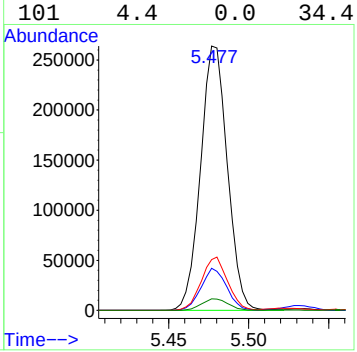


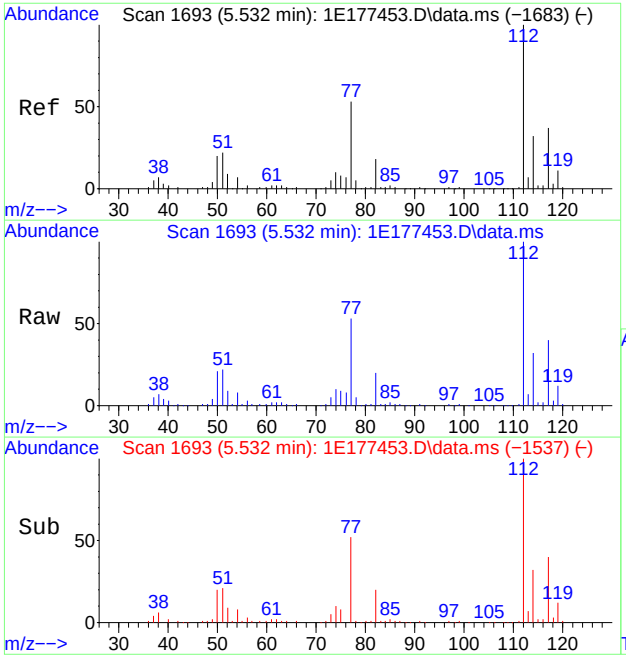


#84
n-butyl ether
Concen: 50.00 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 57 Resp: 308513

Ion	Ratio	Lower	Upper
57	100		
56	15.9	0.0	45.9
87	19.2	0.0	49.2
101	4.4	0.0	34.4

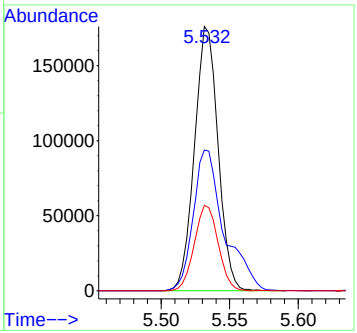


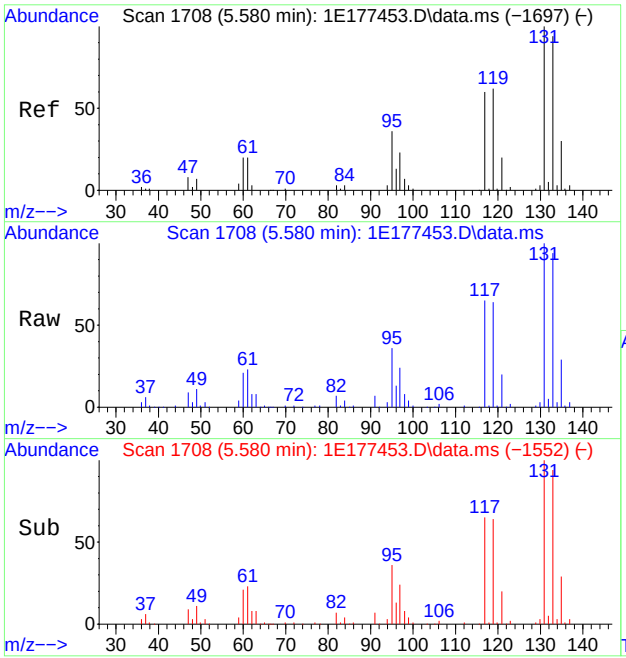


#85
chlorobenzene
Concen: 50.00 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:112 Resp: 210795

Ion	Ratio	Lower	Upper
112	100		
77	53.2	23.2	83.2
114	32.3	2.3	62.3

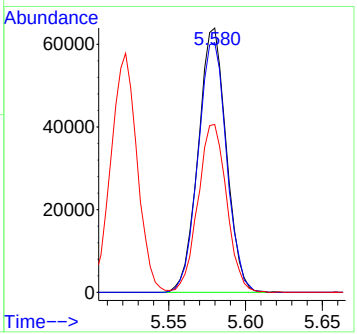


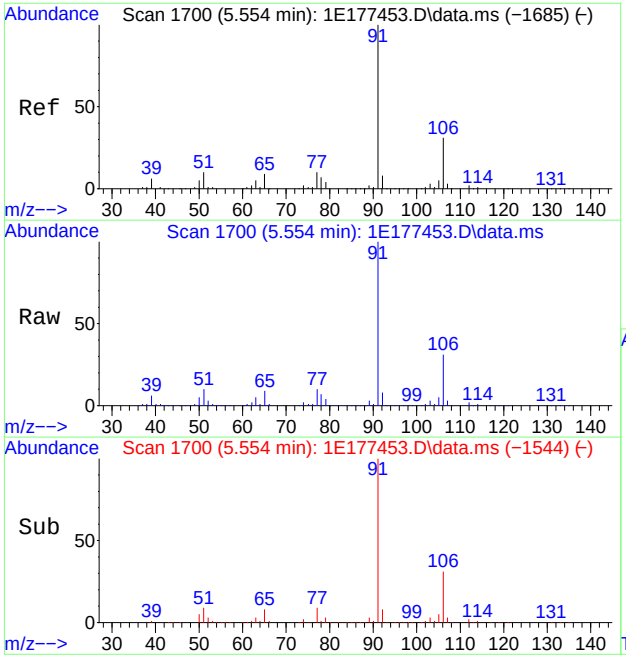


#86
1,1,1,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:131 Resp: 81387

Ion	Ratio	Lower	Upper
131	100		
133	94.5	64.5	124.5
119	63.5	33.5	93.5

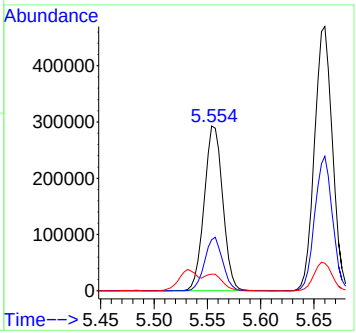


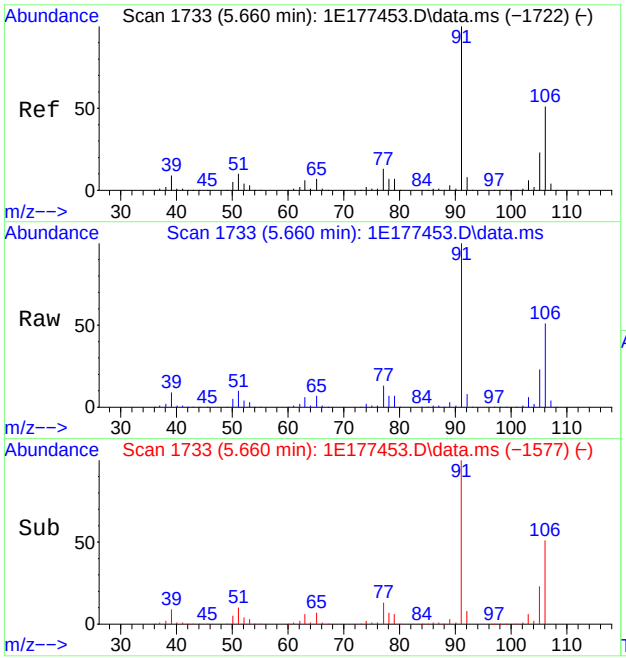


#87
ethylbenzene
Concen: 50.00 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 91 Resp: 354903

Ion	Ratio	Lower	Upper
91	100		
106	31.0	1.0	61.0
51	10.1	0.0	40.1

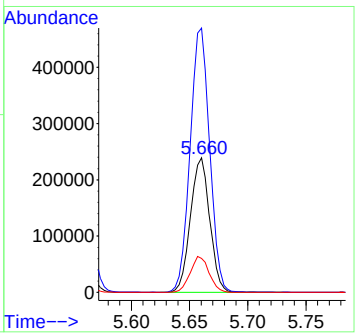


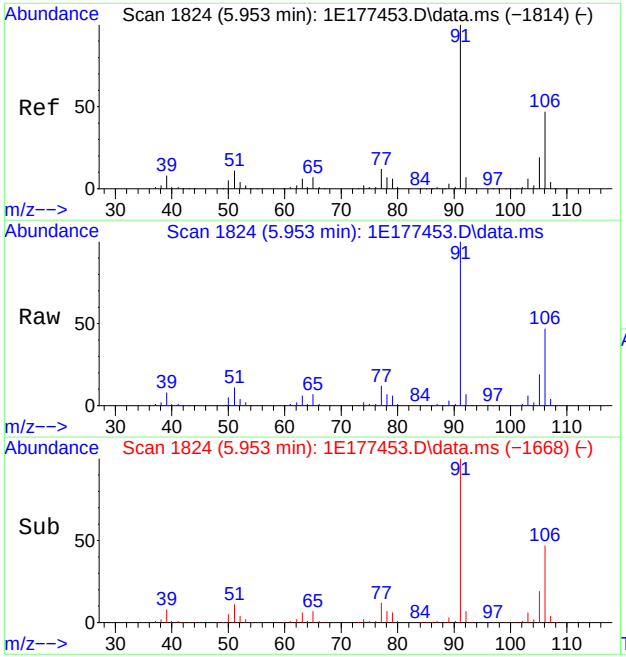


#88
m,p-xylene
Concen: 100.00 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:106 Resp: 275972

Ion	Ratio	Lower	Upper
106	100		
91	196.4	166.4	226.4
77	25.3	5.3	45.3

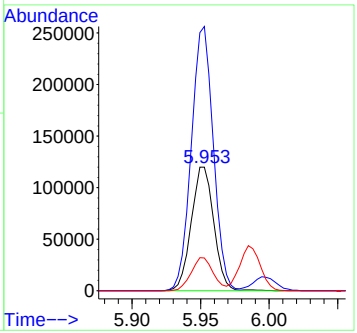


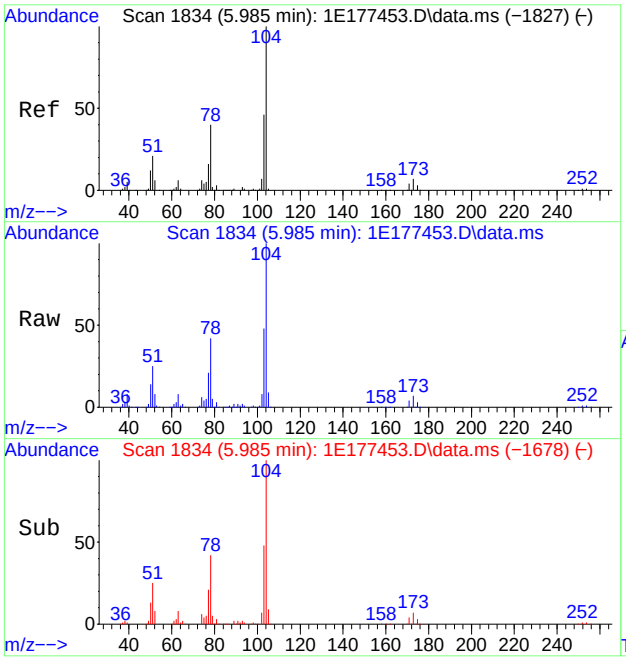


#89
o-xylene
Concen: 50.00 ug/L
RT: 5.953 min Scan# 1824
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:106 Resp: 137538

Ion	Ratio	Lower	Upper
106	100		
91	214.0	184.0	244.0
77	26.6	6.6	46.6

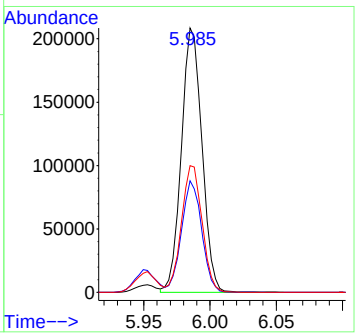


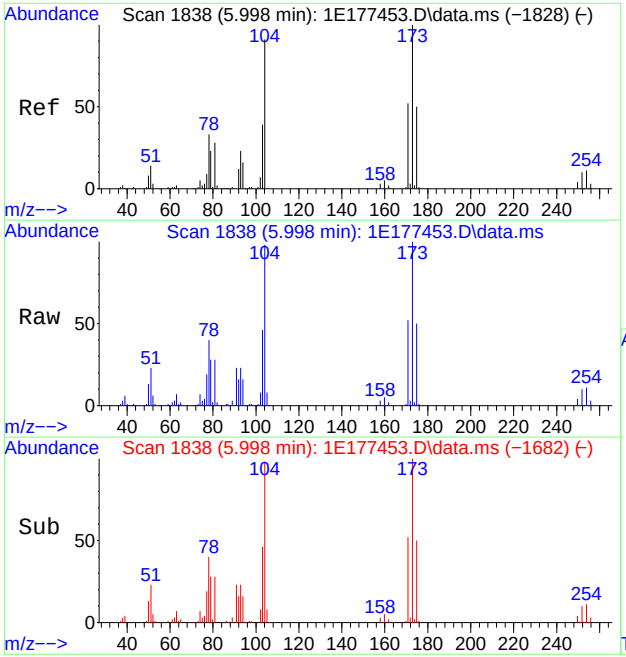


#90
styrene
Concen: 50.00 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:104 Resp: 226408

Ion	Ratio	Lower	Upper
104	100		
78	42.2	12.2	72.2
103	48.0	18.0	78.0

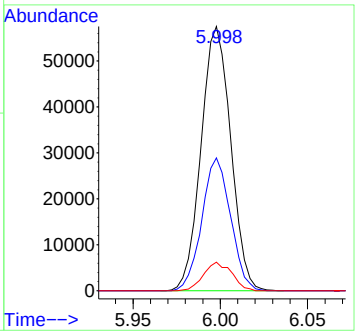


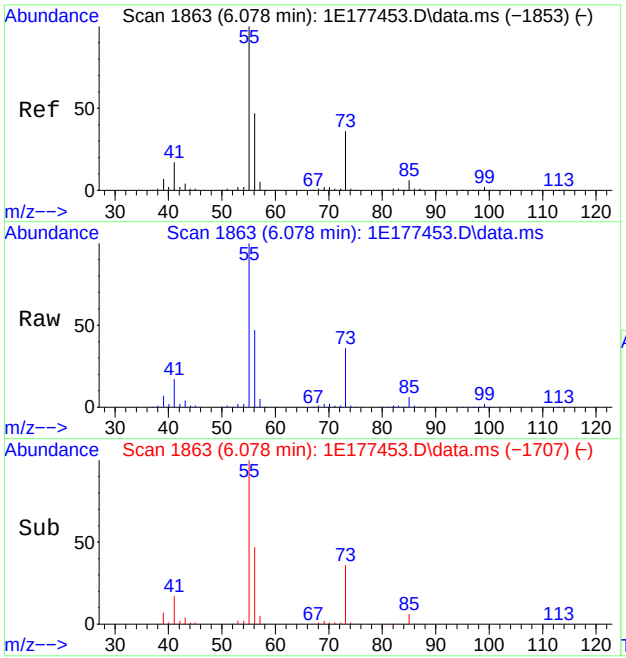


#91
bromoform
Concen: 50.00 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:173 Resp: 68111

Ion	Ratio	Lower	Upper
173	100		
175	50.2	20.2	80.2
254	10.9	0.0	40.9

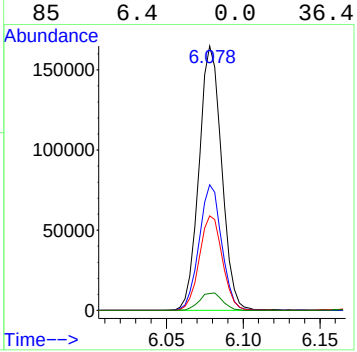


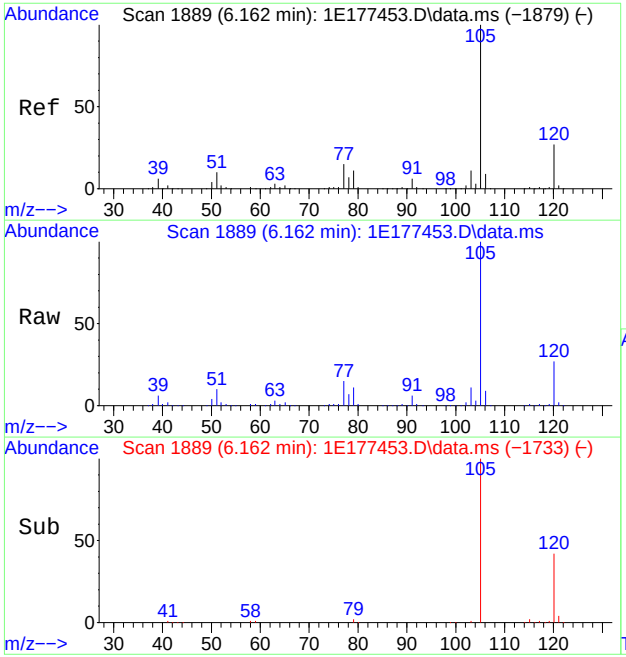


#92
butyl acrylate
Concen: 50.00 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 55 Resp: 169054

Ion	Ratio	Lower	Upper
55	100		
56	47.5	17.5	77.5
73	35.8	5.8	65.8
85	6.4	0.0	36.4

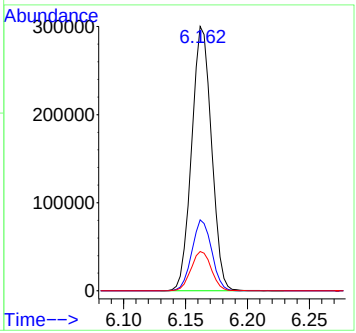


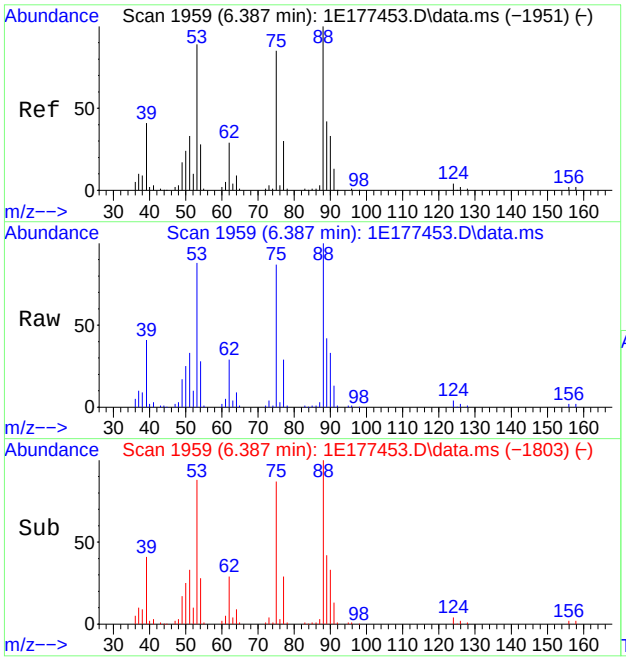


#93
isopropylbenzene
Concen: 50.00 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:105 Resp: 333692

Ion	Ratio	Lower	Upper
105	100		
120	26.8	6.8	46.8
77	14.9	0.0	34.9

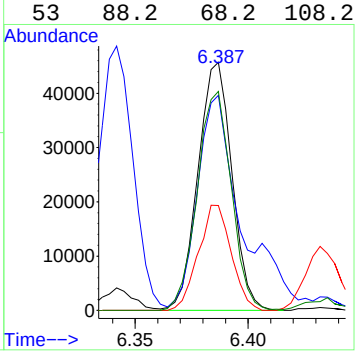


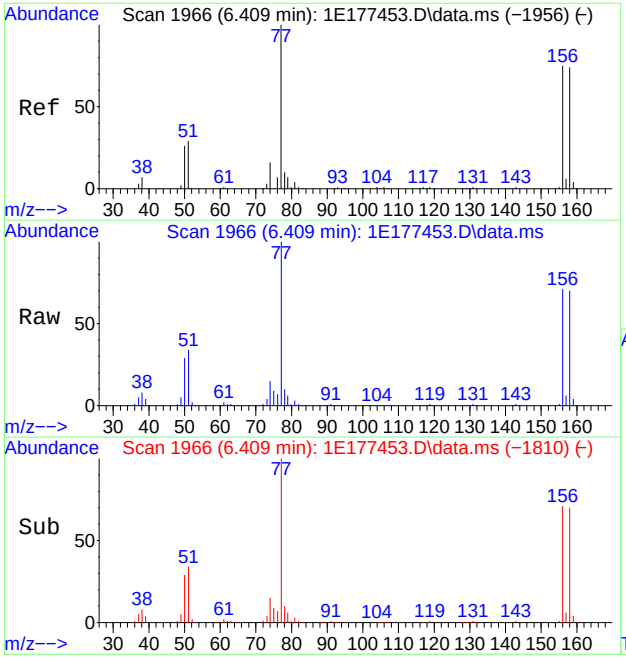


#94
cis-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 6.387 min Scan# 1959
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 88 Resp: 47628

Ion	Ratio	Lower	Upper
88	100		
75	84.1	64.1	104.1
89	42.2	22.2	62.2
53	88.2	68.2	108.2

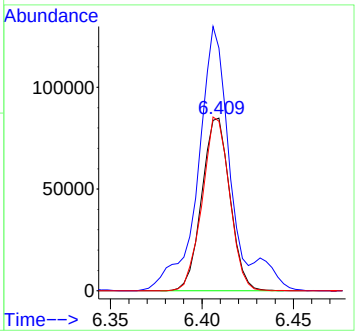


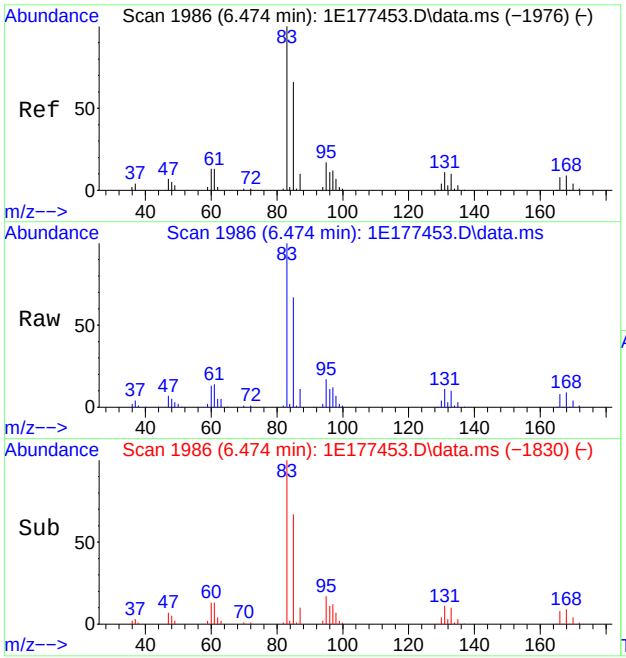


#97
bromobenzene
Concen: 50.00 ug/L
RT: 6.409 min Scan# 1966
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:156 Resp: 91601

Ion	Ratio	Lower	Upper
156	100		
77	136.4	106.4	166.4
158	98.2	68.2	128.2

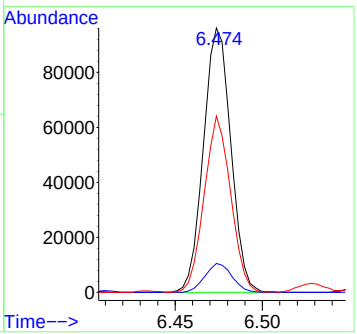


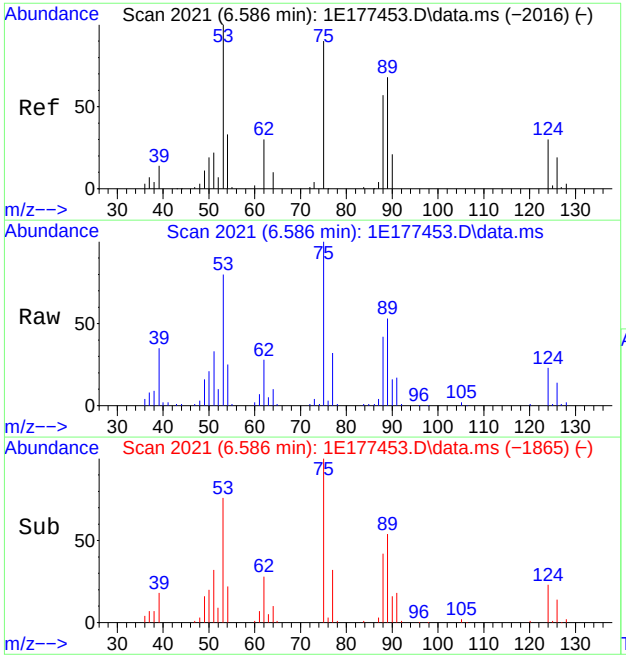


#98
1,1,2,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 83 Resp: 105358

Ion	Ratio	Lower	Upper
83	100		
131	11.0	0.0	41.0
85	66.4	36.4	96.4

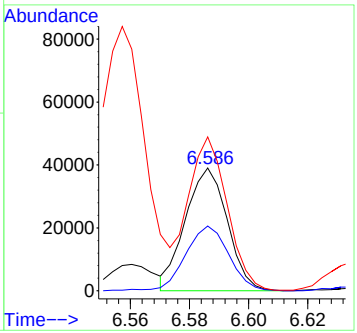


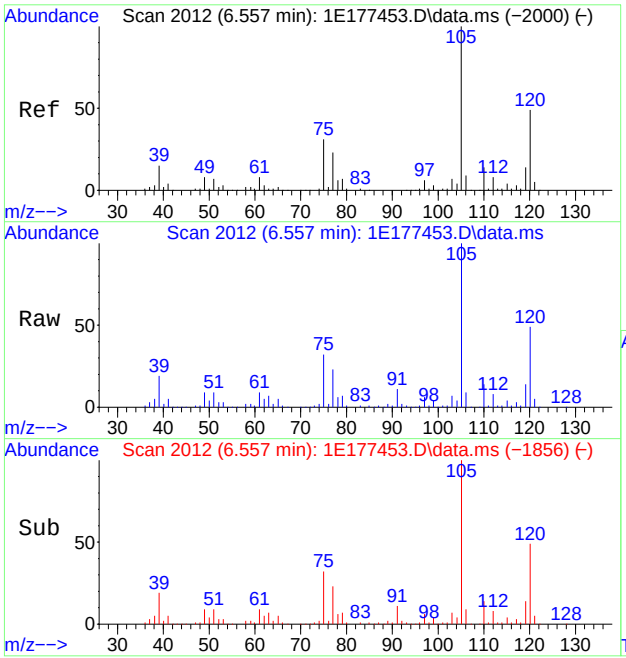


#99
trans-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 53 Resp: 38590

Ion	Ratio	Lower	Upper
53	100		
88	52.7	22.7	82.7
75	124.8	94.8	154.8

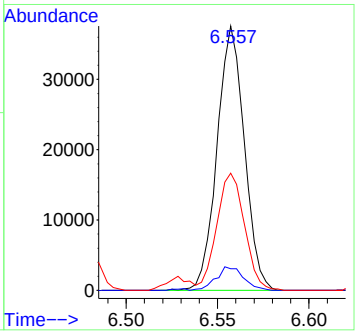




#100
1,2,3-trichloropropane
Concen: 50.00 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

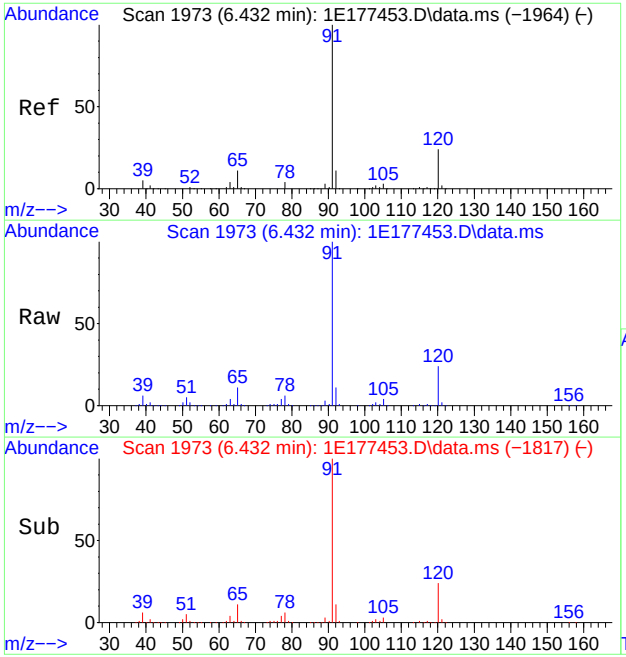
Tgt Ion:110 Resp: 39142

Ion	Ratio	Lower	Upper
110	100		
111	8.2	0.0	38.2
97	44.3	14.3	74.3



7.6.8

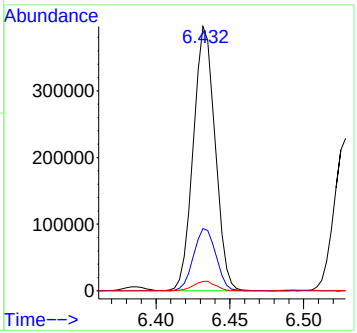
7

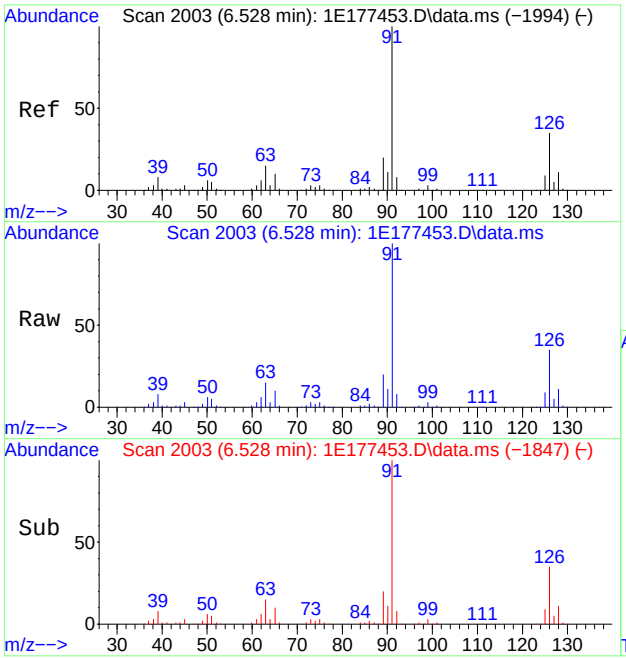


#101
n-propylbenzene
Concen: 50.00 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 91 Resp: 408303

Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	53.6
105	3.5	0.0	33.5

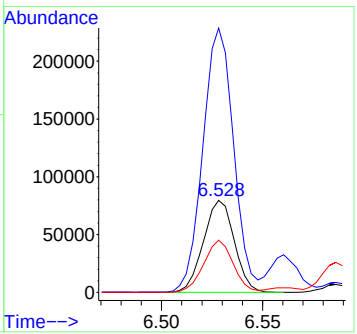


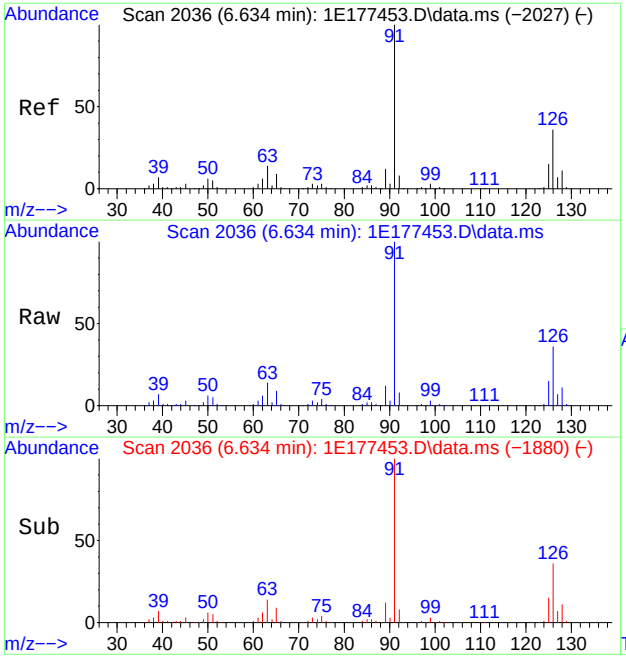


#102
2-chlorotoluene
Concen: 50.00 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:126 Resp: 84372

Ion	Ratio	Lower	Upper
126	100		
91	287.7	257.7	317.7
89	56.9	26.9	86.9

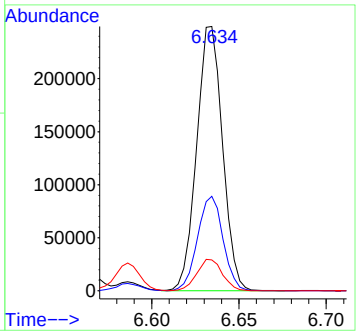


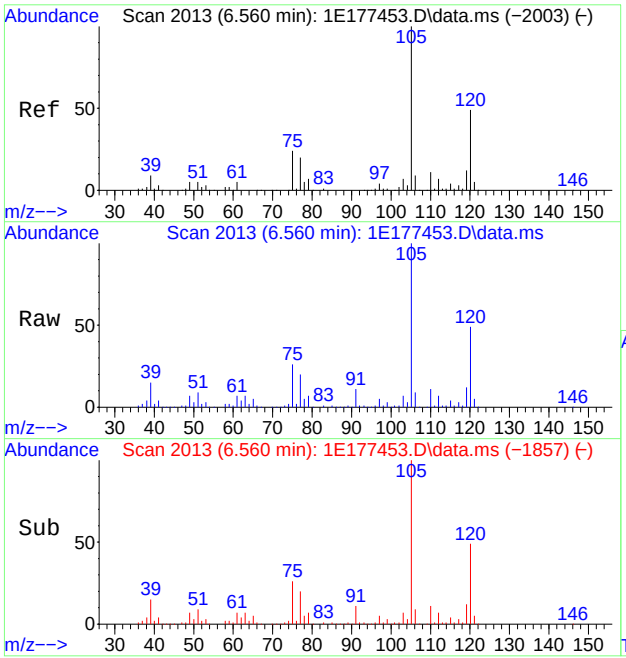


#103
4-chlorotoluene
Concen: 50.00 ug/L
RT: 6.634 min Scan# 2036
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion: 91 Resp: 257866

Ion	Ratio	Lower	Upper
91	100		
126	35.7	5.7	65.7
89	11.7	0.0	41.7

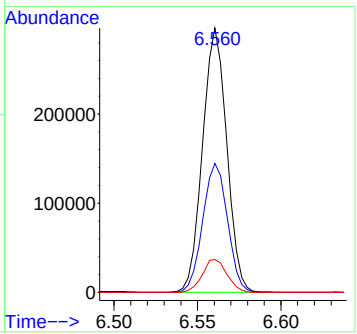




#104
1,3,5-trimethylbenzene
Concen: 50.00 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

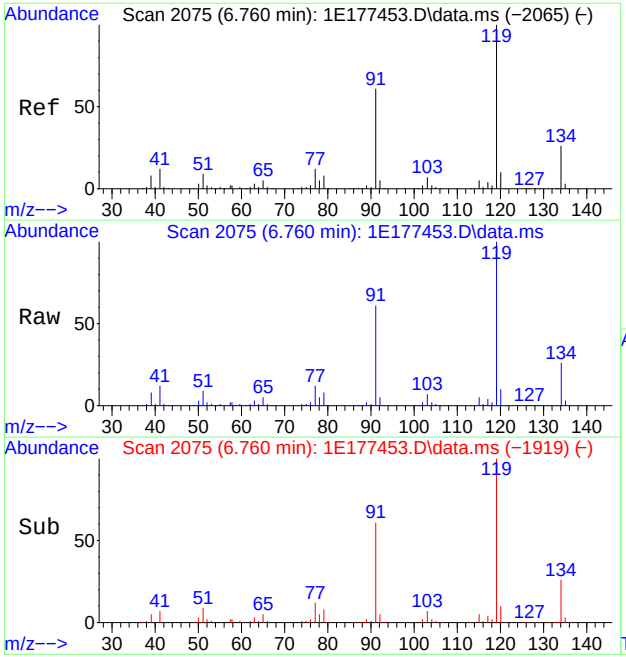
Tgt Ion:105 Resp: 298483

Ion	Ratio	Lower	Upper
105	100		
120	48.8	18.8	78.8
119	12.5	0.0	42.5



7.6.8

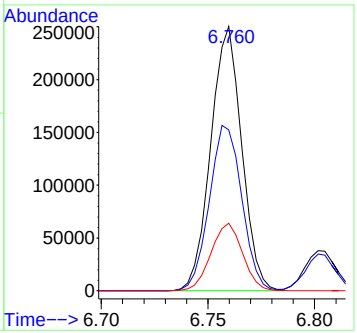
7

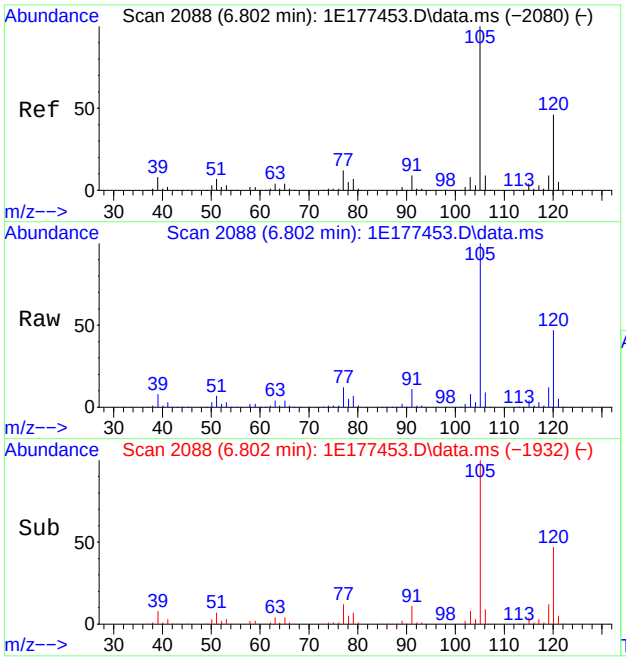


#105
tert-butylbenzene
Concen: 50.00 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:119 Resp: 253953

Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.8	90.8
134	25.6	0.0	55.6

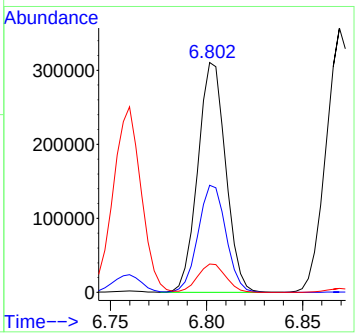


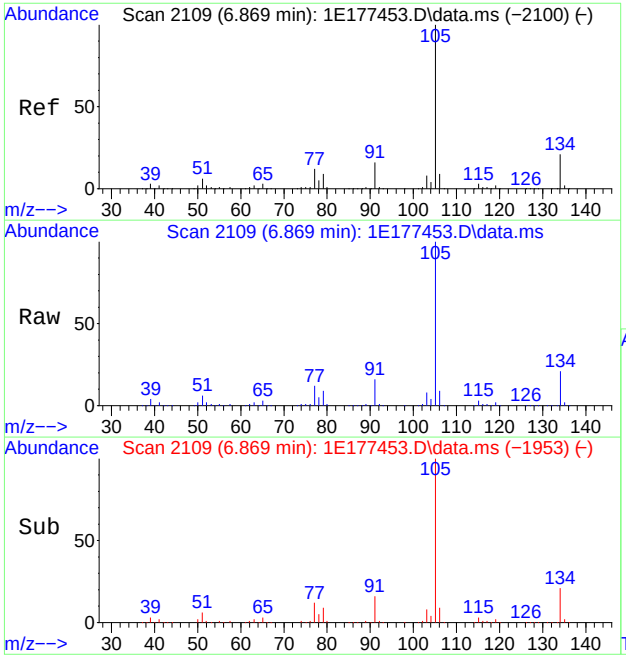


#106
1,2,4-trimethylbenzene
Concen: 50.00 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:105 Resp: 314066

Ion	Ratio	Lower	Upper
105	100		
120	46.7	16.7	76.7
119	12.3	0.0	42.3

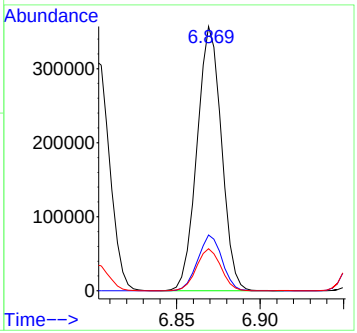


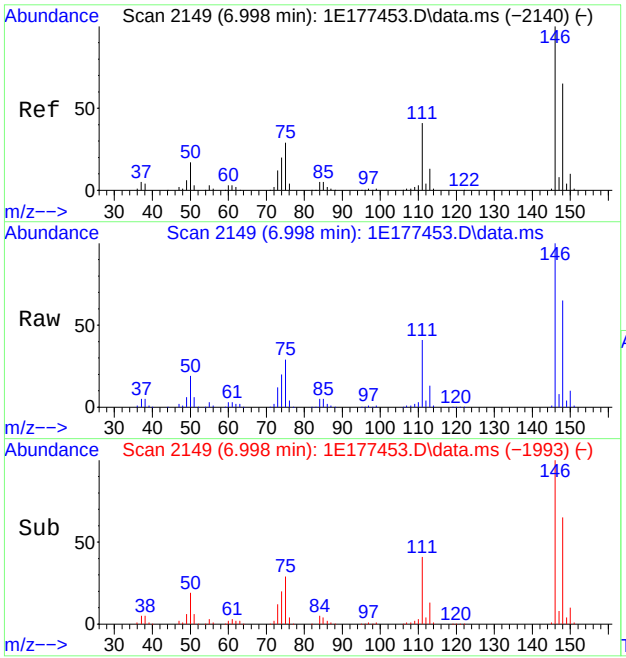


#107
sec-butylbenzene
Concen: 50.00 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:105 Resp: 363546

Ion	Ratio	Lower	Upper
105	100		
134	21.2	0.0	51.2
91	16.0	0.0	46.0

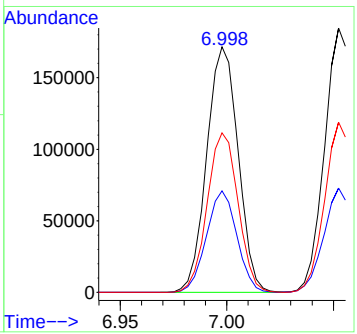


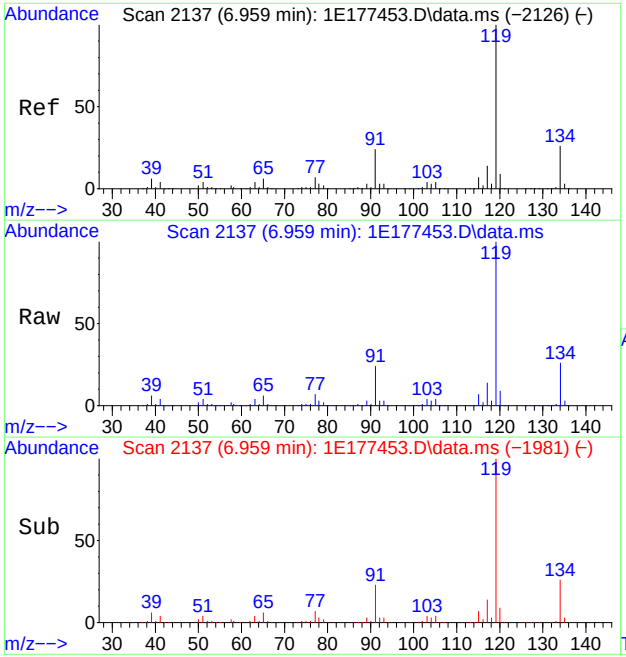


#108
1,3-dichlorobenzene
Concen: 50.00 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:146 Resp: 176414

Ion	Ratio	Lower	Upper
146	100		
111	41.3	11.3	71.3
148	64.9	34.9	94.9

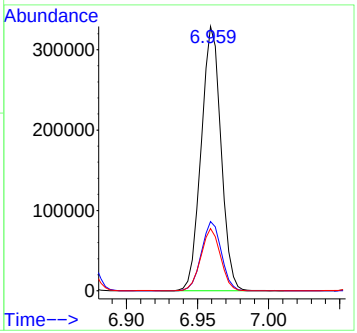


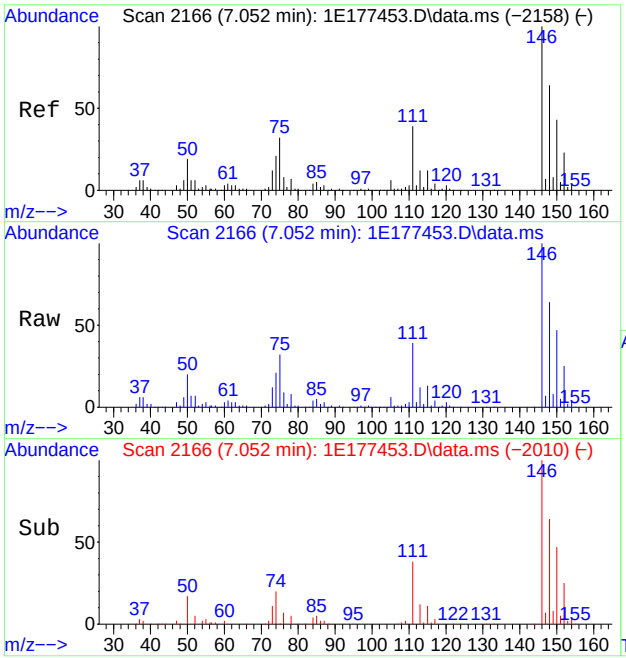


#109
p-isopropyltoluene
Concen: 50.00 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:119 Resp: 318447

Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	56.2
91	23.6	0.0	53.6

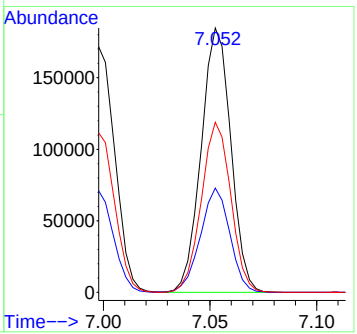


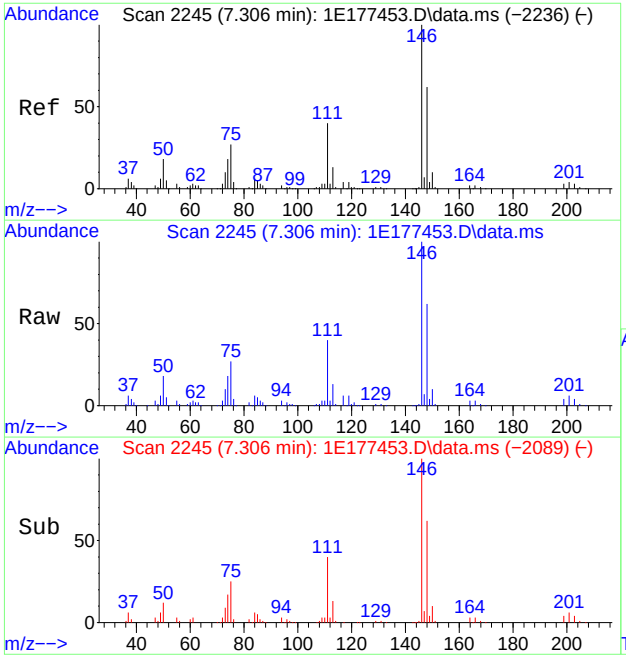


#110
1,4-dichlorobenzene
Concen: 50.00 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:146 Resp: 179086

Ion	Ratio	Lower	Upper
146	100		
111	39.4	9.4	69.4
148	64.4	34.4	94.4

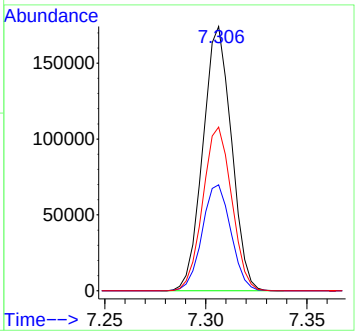


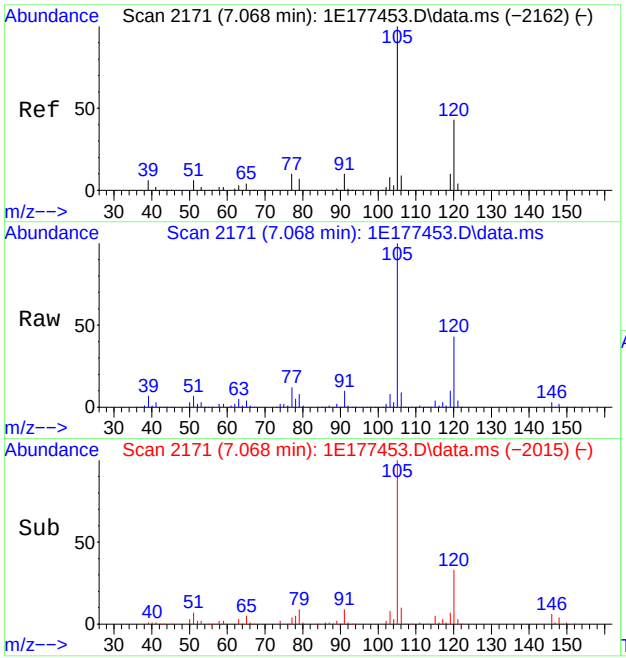


#111
1,2-dichlorobenzene
Concen: 50.00 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:146 Resp: 171147

Ion	Ratio	Lower	Upper
146	100		
111	40.1	10.1	70.1
148	61.9	31.9	91.9

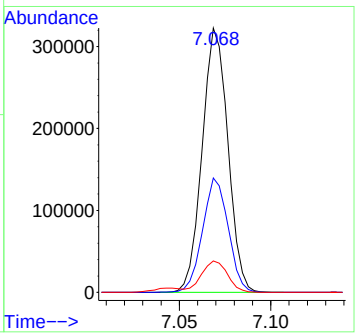


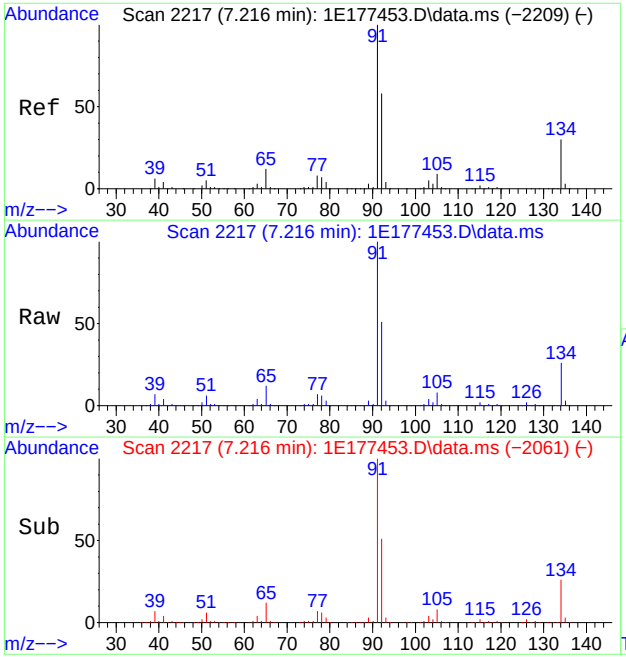


#112
1,2,3-trimethylbenzene
Concen: 50.00 ug/L
RT: 7.068 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:105 Resp: 316187

Ion	Ratio	Lower	Upper
105	100		
120	43.3	13.3	73.3
77	11.9	0.0	41.9

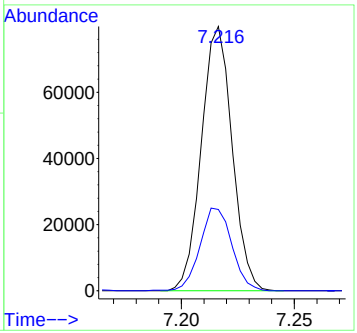


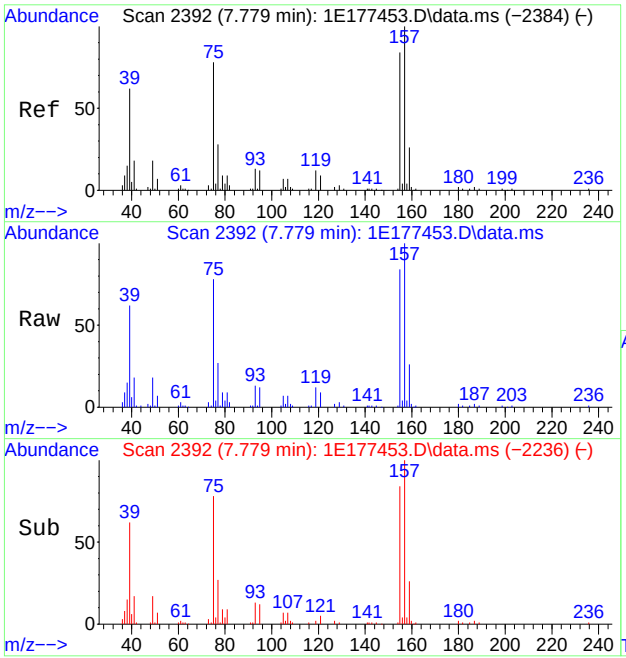


#113
n-butylbenzene
Concen: 50.00 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:134 Resp: 75619

Ion	Ratio	Lower	Upper
134	100		
105	30.7	0.7	60.7

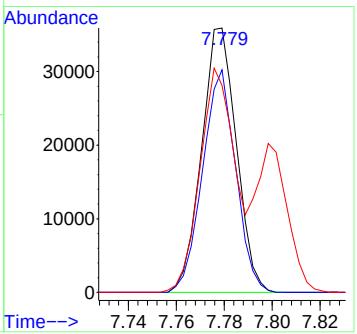


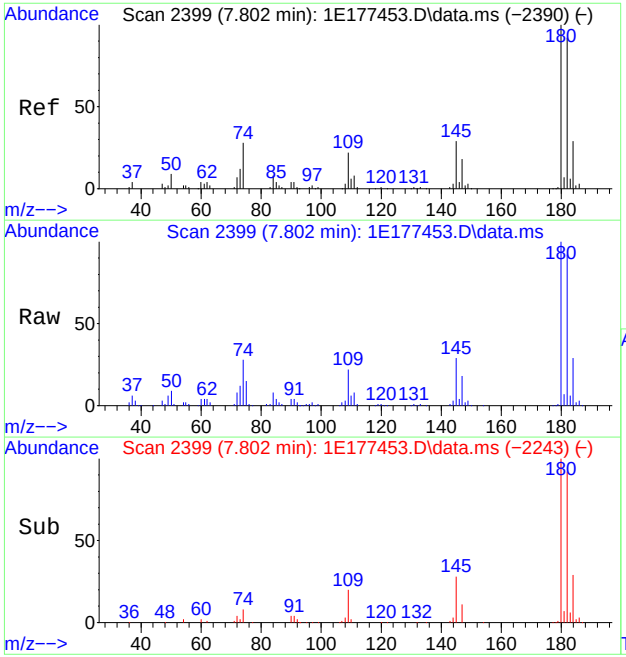


#114
1,2-dibromo-3-chloropropane
Concen: 50.00 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:157 Resp: 36164

Ion	Ratio	Lower	Upper
157	100		
155	84.1	54.1	114.1
75	78.2	48.2	108.2

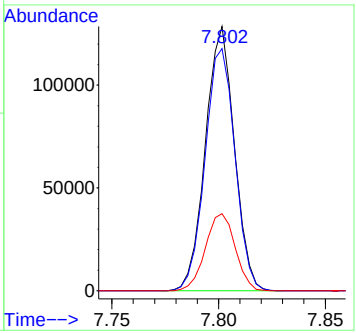


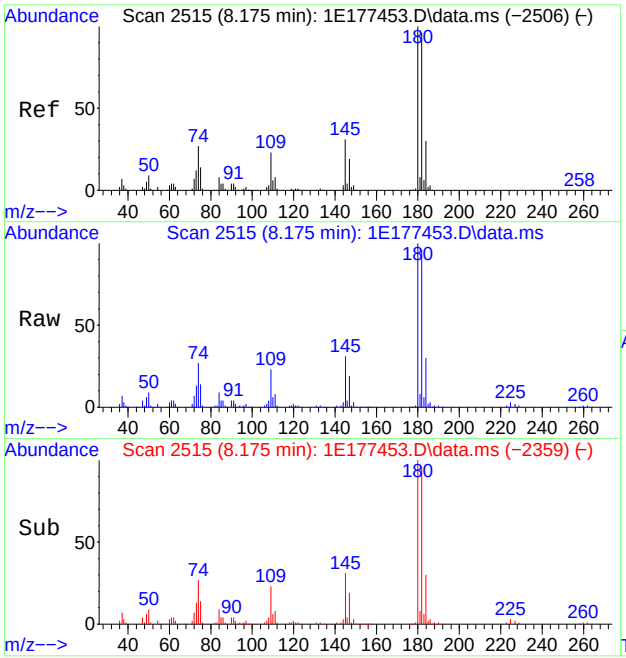


#115
1,3,5-trichlorobenzene
Concen: 50.00 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:180 Resp: 121322

Ion	Ratio	Lower	Upper
180	100		
182	91.6	71.6	111.6
184	29.2	9.2	49.2

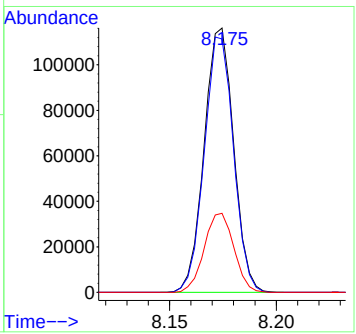


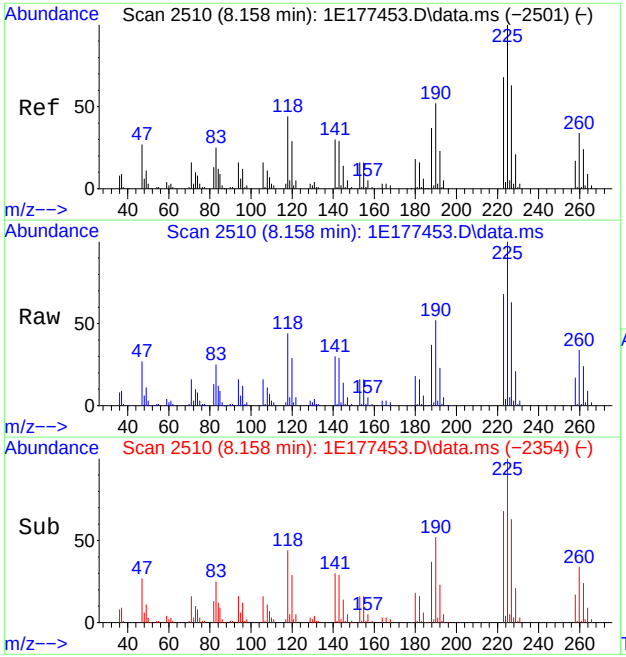


#116
1,2,4-trichlorobenzene
Concen: 50.00 ug/L
RT: 8.175 min Scan# 2515
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:180 Resp: 111927

Ion	Ratio	Lower	Upper
180	100		
182	95.8	65.8	125.8
184	29.9	0.0	59.9

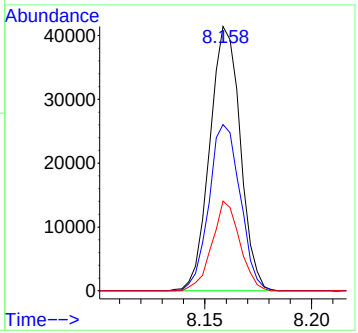


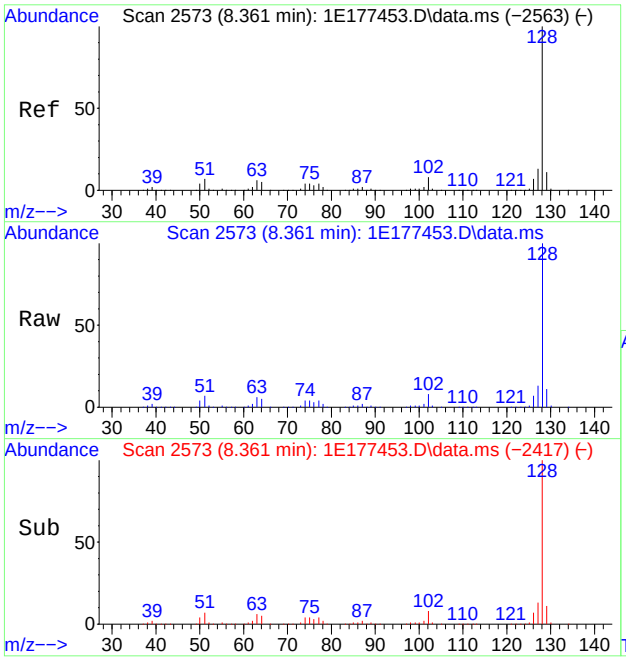


#117
hexachlorobutadiene
Concen: 50.00 ug/L
RT: 8.158 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:225 Resp: 41232

Ion	Ratio	Lower	Upper
225	100		
227	62.9	32.9	92.9
260	33.9	3.9	63.9

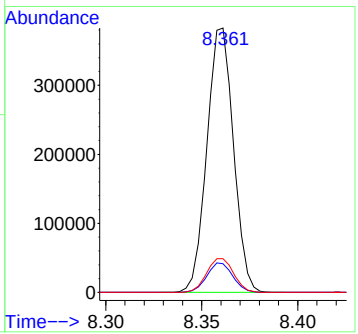


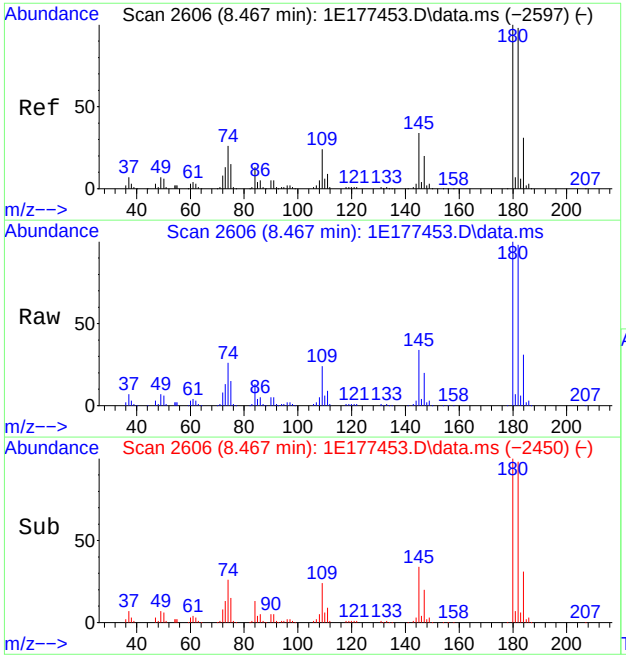


#118
naphthalene
Concen: 50.00 ug/L
RT: 8.361 min Scan# 2573
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:128 Resp: 369012

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	40.8
127	12.7	0.0	42.7

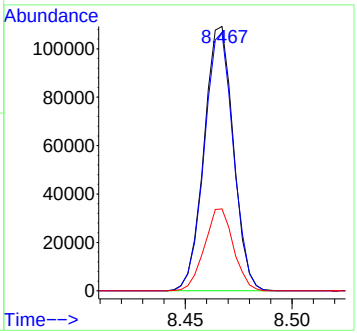


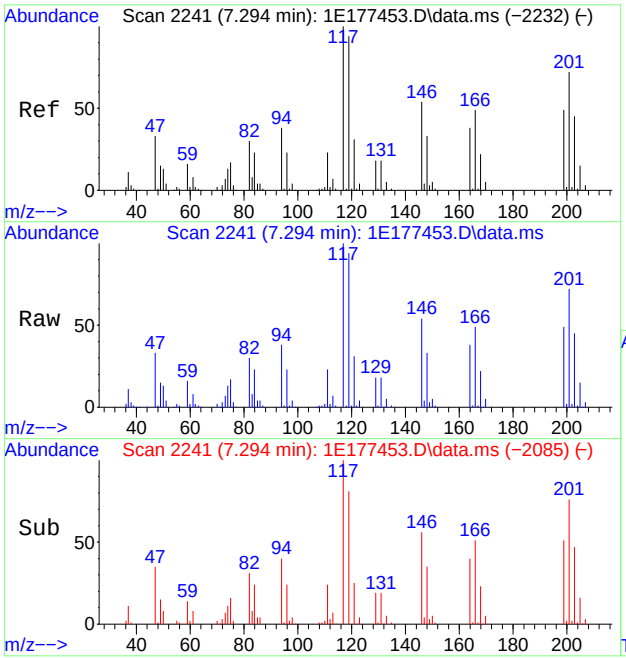


#119
1,2,3-trichlorobenzene
Concen: 50.00 ug/L
RT: 8.467 min Scan# 2606
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:180 Resp: 104808

Ion	Ratio	Lower	Upper
180	100		
182	97.6	67.6	127.6
184	31.0	1.0	61.0

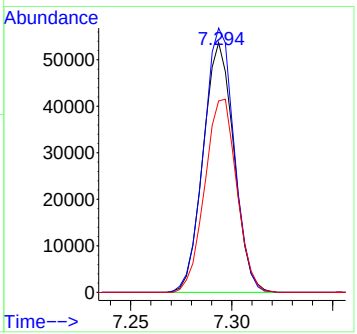




#120
hexachloroethane
Concen: 50.00 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

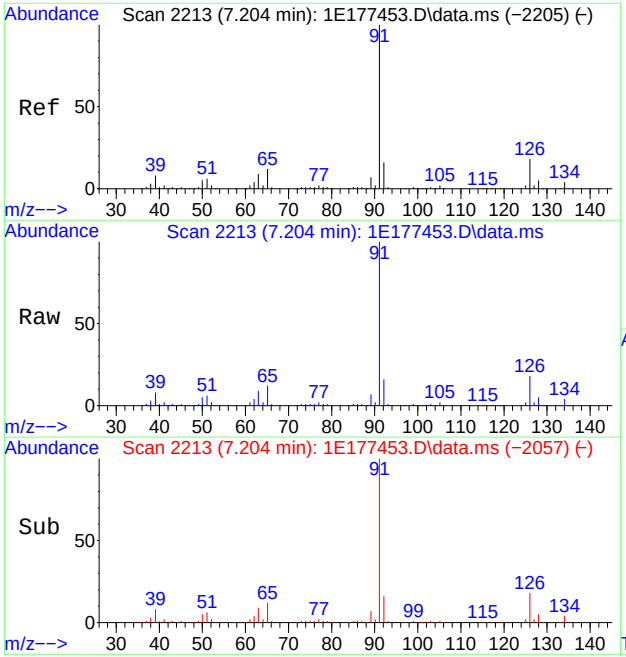
Tgt Ion:119 Resp: 56862

Ion	Ratio	Lower	Upper
119	100		
117	105.9	75.9	135.9
201	76.7	46.7	106.7



7.6.8

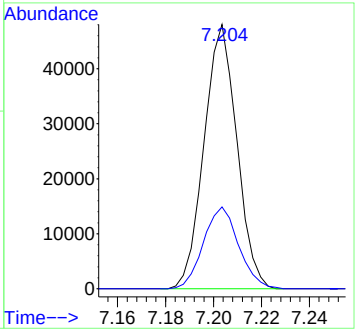
7

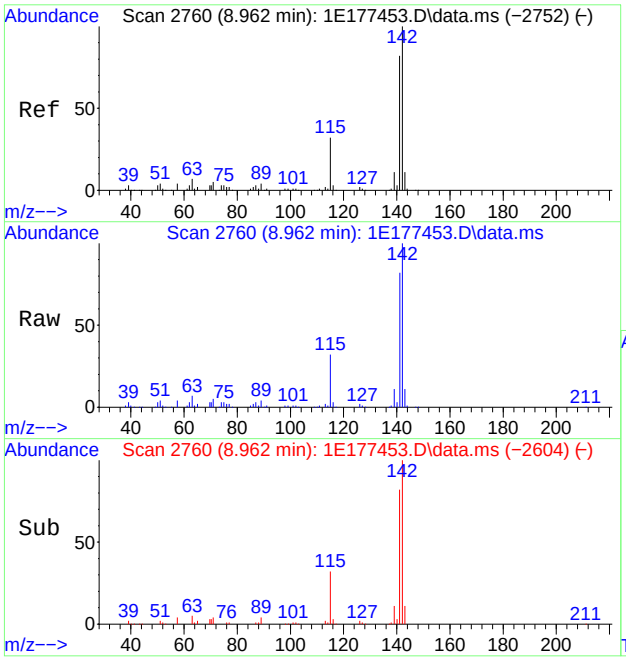


#121
benzyl chloride
Concen: 50.00 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:126 Resp: 45579

Ion	Ratio	Lower	Upper
126	100		
128	30.9	0.9	60.9

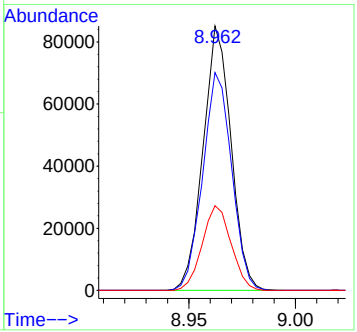




#122
2-methylnaphthalene
Concen: 25.00 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177453.D
Acq: 26 Oct 2023 07:31 pm

Tgt Ion:142 Resp: 77798

Ion	Ratio	Lower	Upper
142	100		
141	82.4	52.4	112.4
115	32.0	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177455.D
Acq On : 26 Oct 2023 07:58 pm
Operator : louied
Sample : ic8736-100
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 17:39:56 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.078	65	81568	500.00	ug/L		0.00
5) pentafluorobenzene	3.094	168	117596	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.426	114	236545	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	218087	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	116537	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.844	113	75361	47.46	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 94.92%				
51) 1,2-dichloroethane-d4 (s)	3.149	65	84283	52.68	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 105.36%				
73) toluene-d8 (s)	4.364	98	274928	50.51	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.02%				
96) 4-bromofluorobenzene (s)	6.342	95	110191	53.66	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 107.32%				
Target Compounds							Qvalue
2) ethanol	1.657	45	88887	6802.18	ug/L		94
3) tertiary butyl alcohol	2.114	59	127496	506.48	ug/L		91
4) 1,4-dioxane	3.921	88	25956	2268.87	ug/L		88
6) chlorodifluoromethane	1.098	51	169444	104.33	ug/L		97
7) dichlorodifluoromethane	1.053	85	206509	102.82	ug/L		96
8) chloromethane	1.175	50	127499	110.39	ug/L		97
9) vinyl chloride	1.194	62	155830	111.30	ug/L		98
10) 1,3-butadiene	1.201	39	113860	90.24	ug/L		97
11) bromomethane	1.348	96	59789	199.38	ug/L	#	97
12) chloroethane	1.410	64	92961	104.77	ug/L		96
13) trichlorofluoromethane	1.474	101	256503	113.19	ug/L		97
14) ethyl ether	1.606	74	77798	101.56	ug/L		92
15) acrolein	1.853	56	30233	92.06	ug/L		99
16) freon 113	1.718	151	110962	110.14	ug/L		95
17) 1,1-dichloroethene	1.709	61	189105	104.63	ug/L		100
18) acetone	1.985	58	130083	355.68	ug/L		100
19) acetonitrile	2.207	41	177076	854.28	ug/L		99
21) carbon disulfide	1.734	76	331822	100.01	ug/L		99
22) methylene chloride	1.969	84	130479	94.55	ug/L		98
23) methyl acetate	2.037	74	35270	100.28	ug/L		90
24) methyl tert butyl ether	2.088	73	436982	101.41	ug/L		99
25) trans-1,2-dichloroethene	2.043	61	184228	103.28	ug/L		99
26) hexane	2.078	57	302668	99.89	ug/L		98
27) di-isopropyl ether	2.262	45	455305	105.52	ug/L		99
28) ethyl tert-butyl ether	2.442	59	495246	107.35	ug/L		98
29) 2-butanone	2.905	72	158662	408.59	ug/L		99
30) 1,1-dichloroethane	2.339	63	260642	104.39	ug/L		100
31) chloroprene	2.326	53	231183	107.31	ug/L		97
32) acrylonitrile	2.358	52	65018	105.85	ug/L		96
33) vinyl acetate	2.445	86	29956	97.84	ug/L	#	90
34) ethyl acetate	2.792	70	25000	112.00	ug/L		87
35) 2,2-dichloropropane	2.667	77	211772	100.49	ug/L		99
36) cis-1,2-dichloroethene	2.609	96	161900	103.61	ug/L		96
37) propionitrile	3.075	54	320908	953.33	ug/L		97
38) methyl acrylate	2.805	85	39035	111.50	ug/L	#	89
39) bromochloromethane	2.715	128	78575	96.32	ug/L		91
40) tetrahydrofuran	2.837	71	31483	106.19	ug/L		95
41) chloroform	2.741	47	78033	101.30	ug/L		99
43) methacrylonitrile	3.088	67	85588	95.60	ug/L		94
44) 1,1,1-trichloroethane	2.869	97	256648	106.16	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177455.D
Acq On : 26 Oct 2023 07:58 pm
Operator : louied
Sample : ic8736-100
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 17:39:56 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	230714	111.39	ug/L		95
46) 1,1-dichloropropene	2.934	75	206107	108.18	ug/L		98
47) carbon tetrachloride	2.834	117	235121	103.01	ug/L		98
48) isobutyl alcohol	3.159	43	82687	872.23	ug/L		96
49) tert-amyl alcohol	3.220	55	47819	471.46	ug/L		98
52) iso-octane	2.991	57	483689	112.75	ug/L		99
53) benzene	3.075	78	572718	107.97	ug/L		99
54) tert-amyl methyl ether	3.127	73	477613	109.36	ug/L		99
55) heptane	3.040	57	90301	112.74	ug/L		94
56) isopropyl acetate	3.310	87	53027	112.62	ug/L	#	77
57) 1,2-dichloroethane	3.188	62	226500	104.38	ug/L		100
58) n-butyl alcohol	3.590	56	251110	4616.42	ug/L		97
59) ethyl acrylate	3.741	55	273375	110.54	ug/L		99
60) trichloroethene	3.416	130	180128	112.31	ug/L		97
61) 2-nitropropane	4.564	41	85492	108.76	ug/L		91
62) 2-chloroethyl vinyl ether	4.175	63	509180	579.36	ug/L		98
63) methyl methacrylate	3.882	100	59419	107.97	ug/L		98
64) 1,2-dichloropropane	3.750	63	152995	110.54	ug/L		98
65) methylcyclohexane	3.419	98	124513	108.87	ug/L	#	98
66) dibromomethane	3.683	93	106727	102.86	ug/L		99
67) bromodichloromethane	3.786	83	226031	111.83	ug/L		97
68) epichlorohydrin	4.400	57	124786	497.71	ug/L		99
69) cis-1,3-dichloropropene	4.223	75	266671	112.56	ug/L		98
70) 4-methyl-2-pentanone	4.683	58	363851	443.00	ug/L		95
71) 3-methyl-1-butanol	4.516	70	125907	2068.64	ug/L		96
74) toluene	4.403	92	382781	107.80	ug/L		99
75) ethyl methacrylate	4.837	69	225897	107.76	ug/L		98
76) trans-1,3-dichloropropene	4.715	75	258903	112.34	ug/L		98
77) 1,1,2-trichloroethane	4.837	83	127290	101.96	ug/L		95
78) tetrachloroethene	4.699	166	177461	105.28	ug/L		96
79) 2-hexanone	5.316	58	436711	424.83	ug/L		95
80) 1,3-dichloropropane	5.046	76	254832	105.99	ug/L		100
81) butyl acetate	5.255	56	134766	110.51	ug/L		98
82) dibromochloromethane	4.975	129	195769	106.78	ug/L		98
83) 1,2-dibromoethane	5.152	107	170640	106.60	ug/L		99
84) n-butyl ether	5.480	57	652957	112.39	ug/L		99
85) chlorobenzene	5.535	112	443910	106.69	ug/L		99
86) 1,1,1,2-tetrachloroethane	5.580	131	175016	109.48	ug/L		100
87) ethylbenzene	5.557	91	745078	109.18	ug/L		99
88) m,p-xylene	5.660	106	582102	216.51	ug/L		100
89) o-xylene	5.953	106	287686	108.29	ug/L		98
90) styrene	5.988	104	479232	107.93	ug/L		98
91) bromoform	5.998	173	147836	111.40	ug/L		98
92) butyl acrylate	6.078	55	367642	112.59	ug/L		99
93) isopropylbenzene	6.165	105	706807	110.35	ug/L		100
94) cis-1,4-dichloro-2-butene	6.384	88	108013	124.90	ug/L		96
97) bromobenzene	6.409	156	192172	110.54	ug/L		98
98) 1,1,2,2-tetrachloroethane	6.474	83	226432	107.38	ug/L		99
99) trans-1,4-dichloro-2-b...	6.586	53	84334	122.32	ug/L		97
100) 1,2,3-trichloropropane	6.557	110	81208	104.38	ug/L		97
101) n-propylbenzene	6.432	91	867611	113.07	ug/L		100
102) 2-chlorotoluene	6.528	126	178254	108.80	ug/L		98
103) 4-chlorotoluene	6.634	91	547733	110.56	ug/L		98
104) 1,3,5-trimethylbenzene	6.561	105	630658	113.29	ug/L		99
105) tert-butylbenzene	6.760	119	534402	111.15	ug/L		96
106) 1,2,4-trimethylbenzene	6.802	105	659770	115.43	ug/L		100
107) sec-butylbenzene	6.869	105	760422	112.76	ug/L		100
108) 1,3-dichlorobenzene	6.998	146	370730	111.19	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177455.D
Acq On : 26 Oct 2023 07:58 pm
Operator : louied
Sample : ic8736-100
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 17:39:56 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

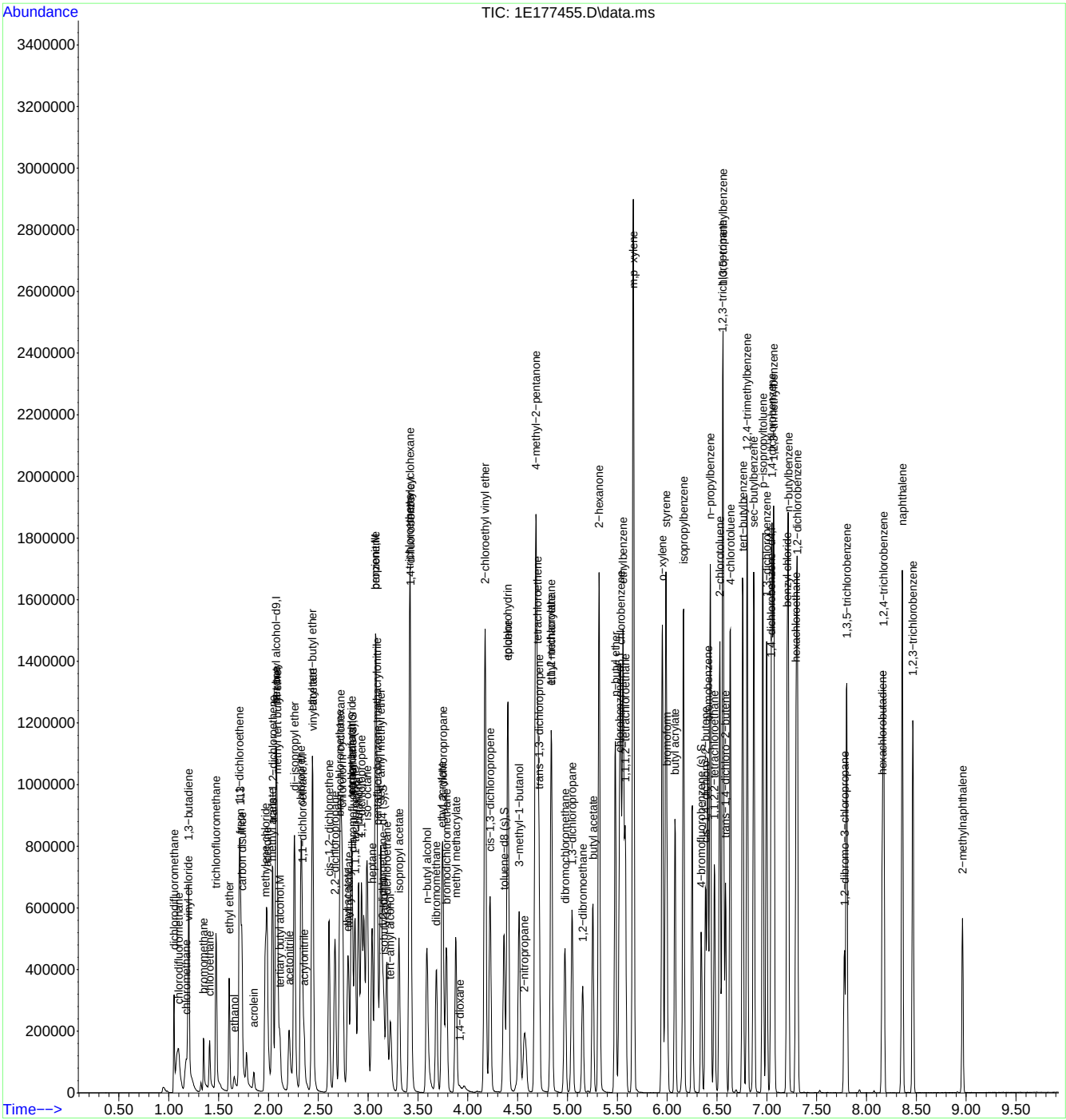
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	672666	117.88	ug/L	100
110) 1,4-dichlorobenzene	7.052	146	373884	103.66	ug/L	97
111) 1,2-dichlorobenzene	7.306	146	354640	105.50	ug/L	96
112) 1,2,3-trimethylbenzene	7.069	105	662899	111.38	ug/L	99
113) n-butylbenzene	7.216	134	158942	116.25	ug/L	94
114) 1,2-dibromo-3-chloropr...	7.779	157	77105	105.39	ug/L	93
115) 1,3,5-trichlorobenzene	7.802	180	248994	109.03	ug/L	95
116) 1,2,4-trichlorobenzene	8.171	180	231994	107.47	ug/L	100
117) hexachlorobutadiene	8.159	225	83437	108.83	ug/L	98
118) naphthalene	8.358	128	766473	108.07	ug/L	99
119) 1,2,3-trichlorobenzene	8.464	180	217745	105.91	ug/L	95
120) hexachloroethane	7.294	119	126135	123.62	ug/L	98
121) benzyl chloride	7.204	126	99205	112.83	ug/L	96
122) 2-methylnaphthalene	8.962	142	162266	52.43	ug/L	93

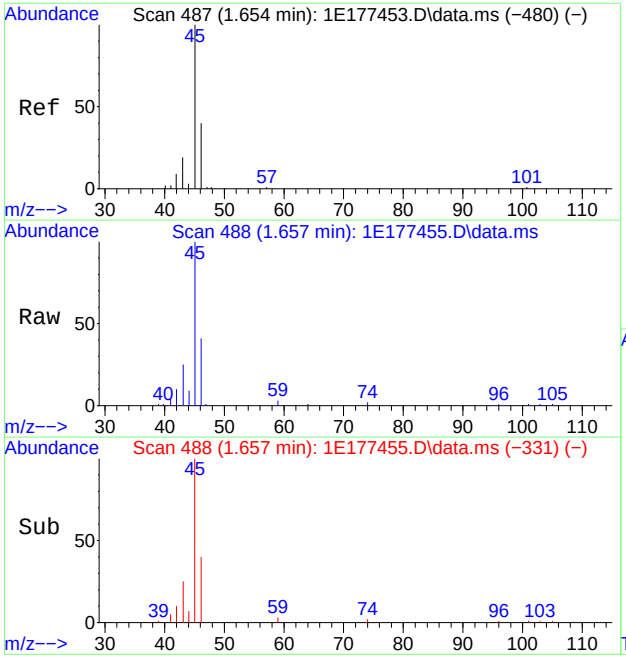
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177455.D
Acq On : 26 Oct 2023 07:58 pm
Operator : louied
Sample : ic8736-100
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 17:39:56 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

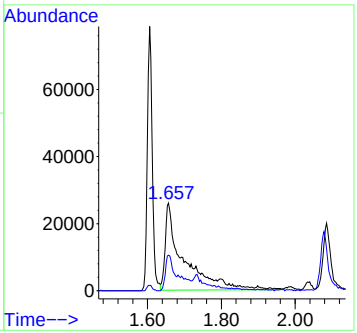


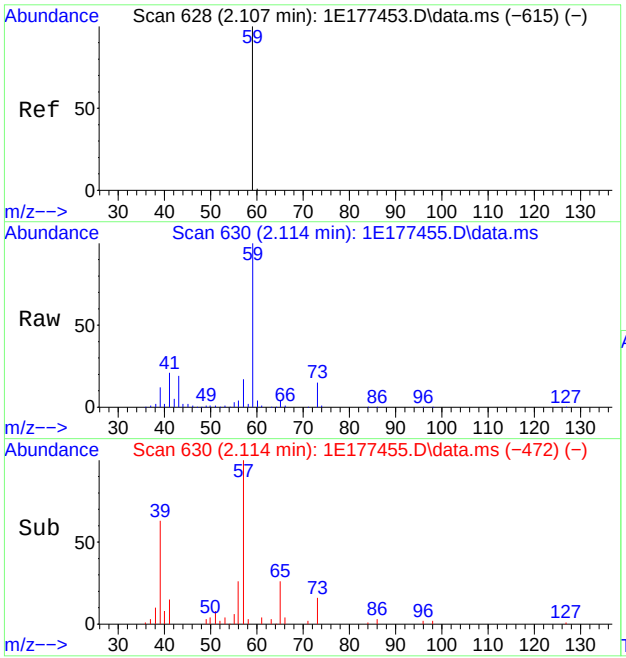


#2
ethanol
Concen: 6802.18 ug/L
RT: 1.657 min Scan# 488
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 45 Resp: 88887

Ion	Ratio	Lower	Upper
45	100		
46	41.6	18.1	58.1

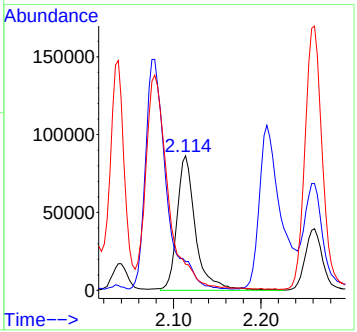


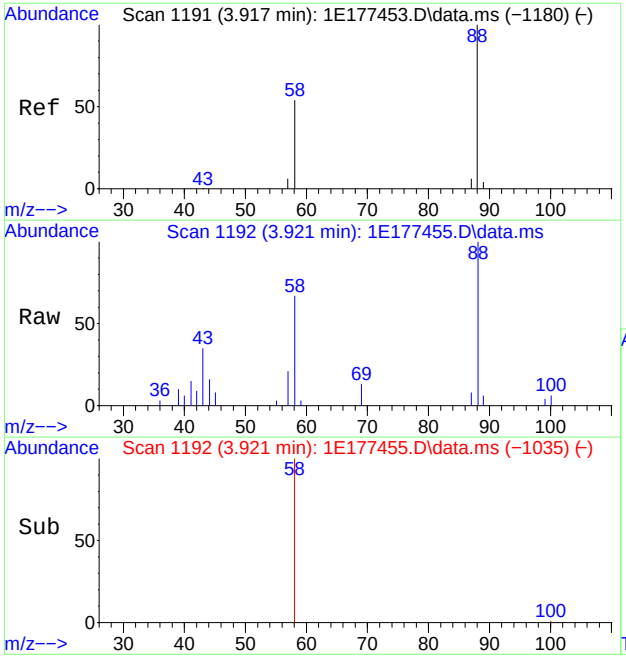


#3
tertiary butyl alcohol
Concen: 506.48 ug/L
RT: 2.114 min Scan# 630
Delta R.T. 0.006 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 59 Resp: 127496

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	18.5	0.0	52.8

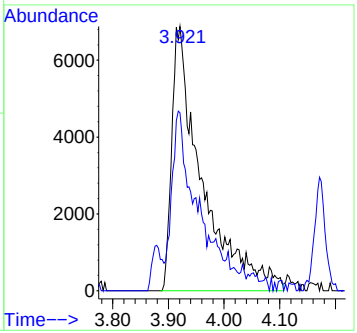


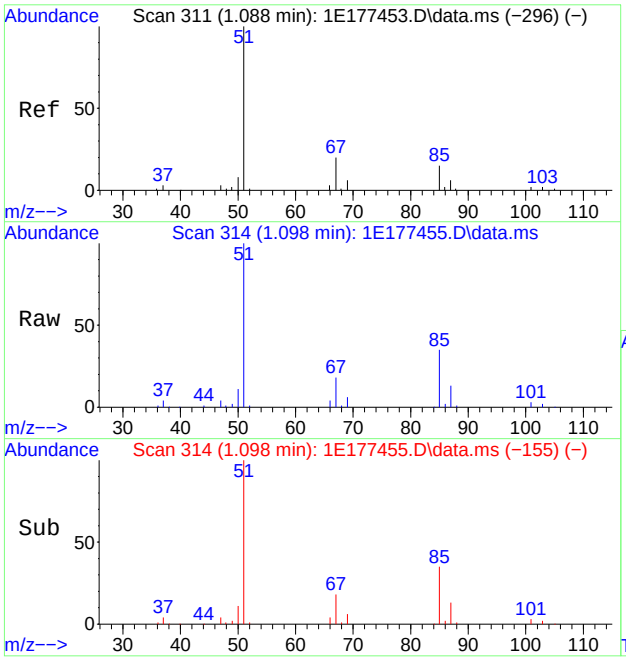


#4
1,4-dioxane
Concen: 2268.87 ug/L
RT: 3.921 min Scan# 1192
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 88 Resp: 25956

Ion	Ratio	Lower	Upper
88	100		
58	67.3	38.3	78.3

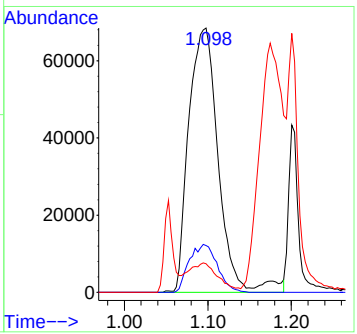


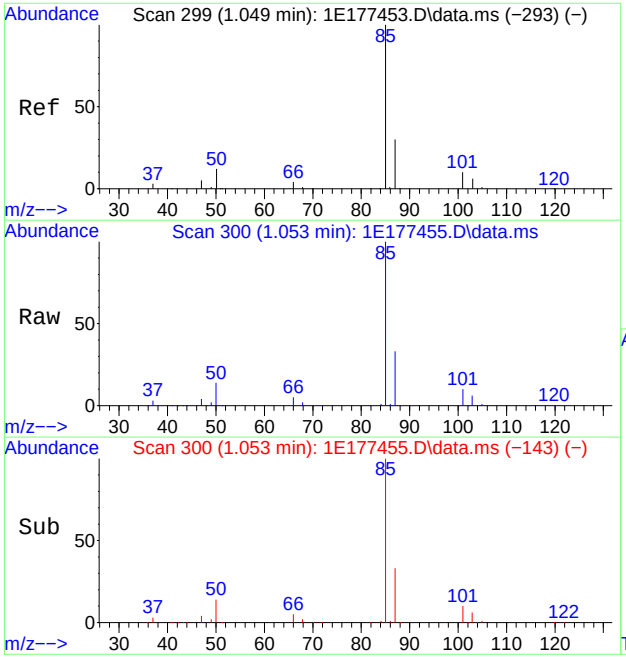


#6
chlorodifluoromethane
Concen: 104.33 ug/L
RT: 1.098 min Scan# 314
Delta R.T. 0.010 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 51 Resp: 169444

Ion	Ratio	Lower	Upper
51	100		
67	17.7	0.0	49.5
50	8.1	0.0	38.4

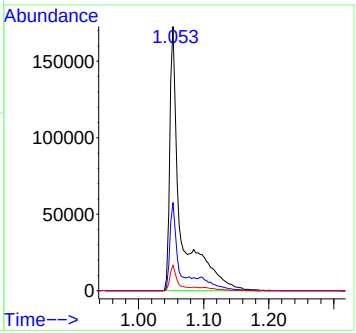


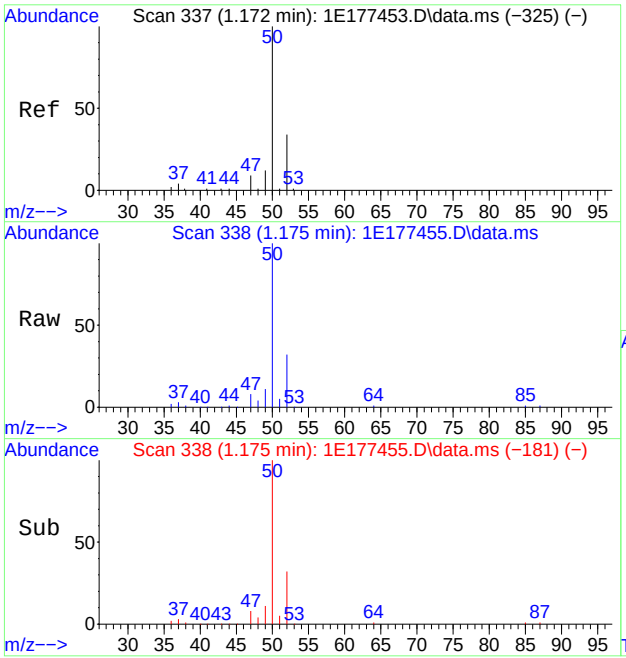


#7
dichlorodifluoromethane
Concen: 102.82 ug/L
RT: 1.053 min Scan# 300
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 85 Resp: 206509

Ion	Ratio	Lower	Upper
85	100		
87	33.4	0.4	60.4
101	9.6	0.0	39.9

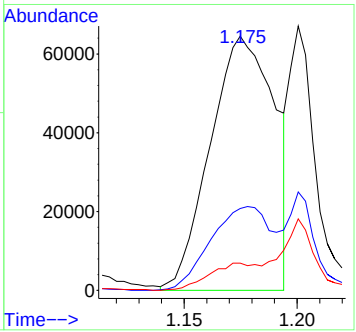


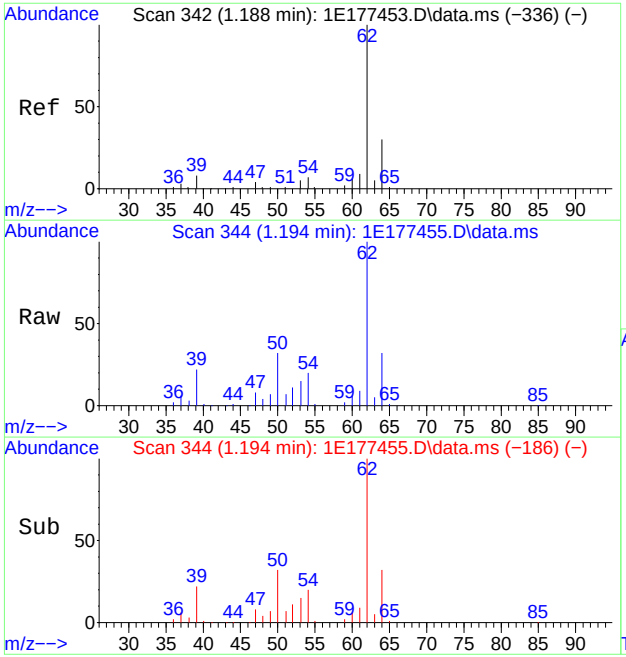


#8
chloromethane
Concen: 110.39 ug/L
RT: 1.175 min Scan# 338
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 50 Resp: 127499

Ion	Ratio	Lower	Upper
50	100		
52	32.4	4.4	64.4
49	10.8	0.0	42.1

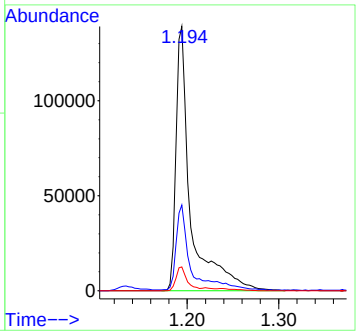


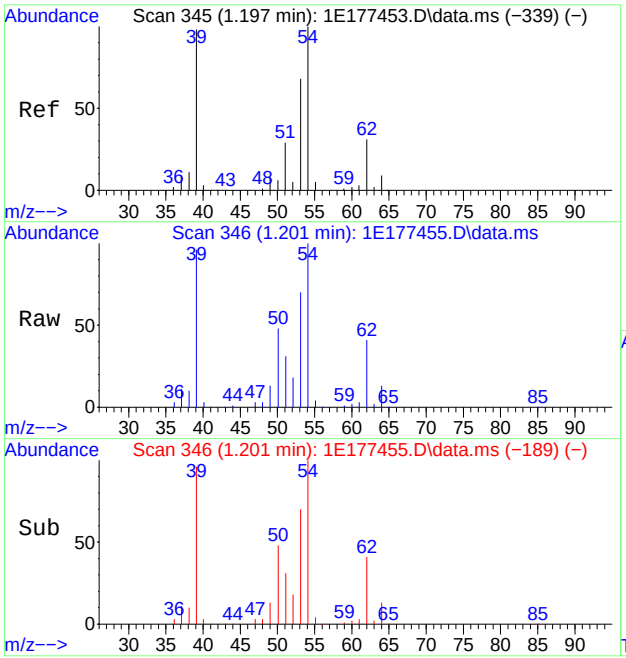


#9
vinyl chloride
Concen: 111.30 ug/L
RT: 1.194 min Scan# 344
Delta R.T. 0.006 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 62 Resp: 155830

Ion	Ratio	Lower	Upper
62	100		
64	32.1	0.7	60.7
61	9.0	0.0	39.5

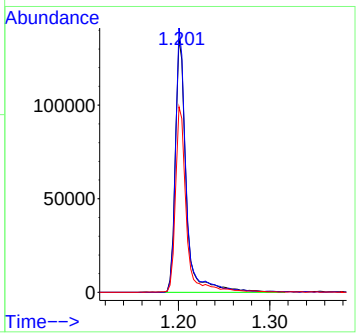


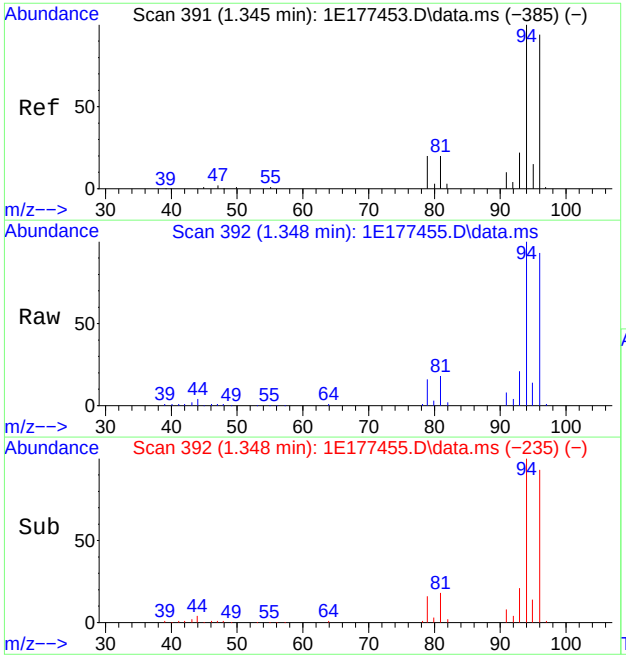


#10
1,3-butadiene
Concen: 90.24 ug/L
RT: 1.201 min Scan# 346
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 39 Resp: 113860

Ion	Ratio	Lower	Upper
39	100		
54	104.4	72.3	132.3
53	73.0	39.8	99.8

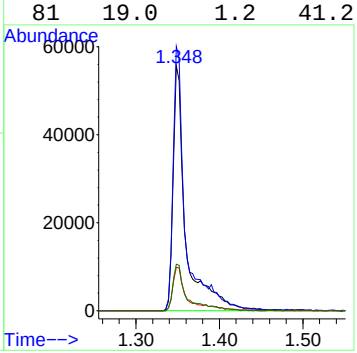


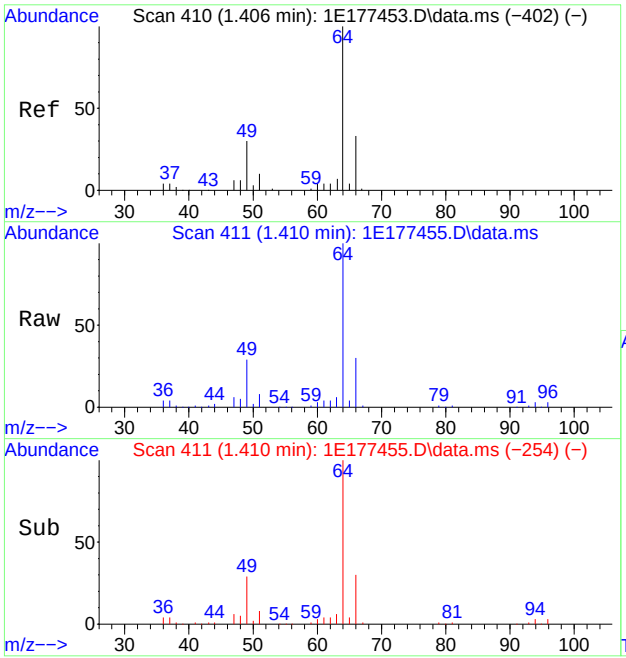


#11
bromomethane
Concen: 199.38 ug/L
RT: 1.348 min Scan# 392
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 96 Resp: 59789

Ion	Ratio	Lower	Upper
96	100		
94	108.0	76.0	136.0
79	17.7	20.8	20.8#
81	19.0	1.2	41.2

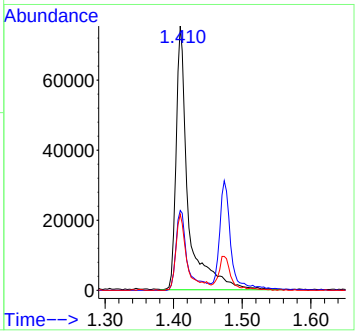


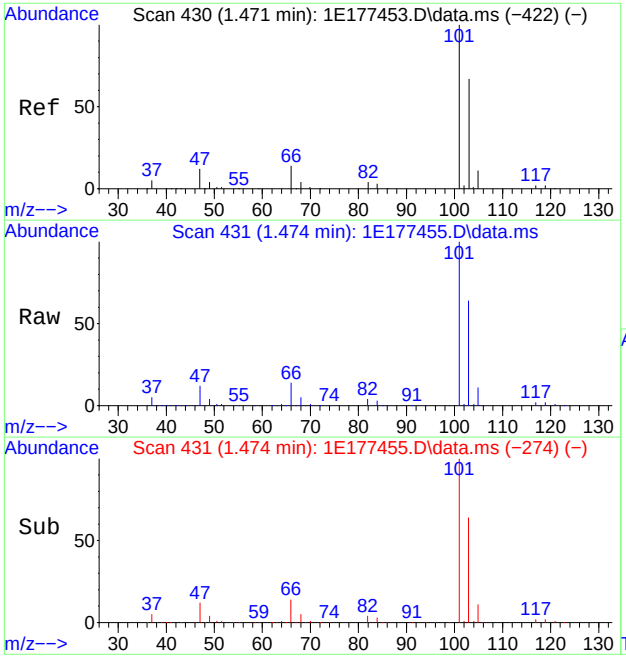


#12
chloroethane
Concen: 104.77 ug/L
RT: 1.410 min Scan# 411
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 64 Resp: 92961

Ion	Ratio	Lower	Upper
64	100		
66	30.3	3.1	63.1
49	28.8	0.1	60.1

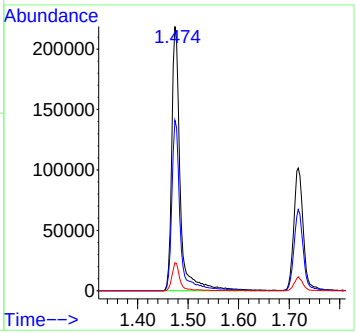


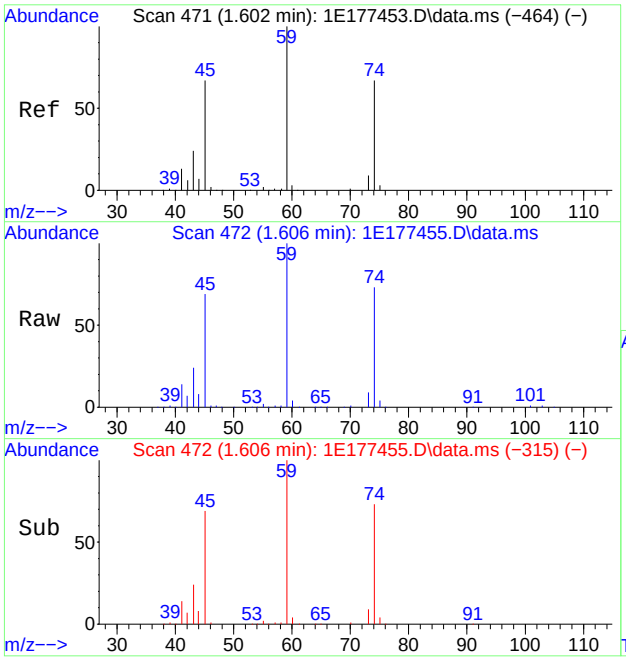


#13
trichlorofluoromethane
Concen: 113.19 ug/L
RT: 1.474 min Scan# 431
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:101 Resp: 256503

Ion	Ratio	Lower	Upper
101	100		
103	64.5	37.1	97.1
105	10.6	0.0	40.8

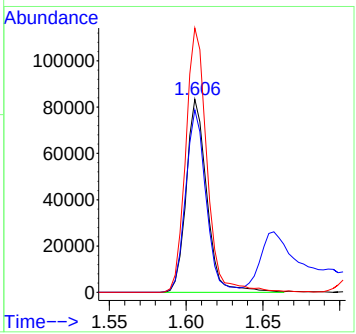


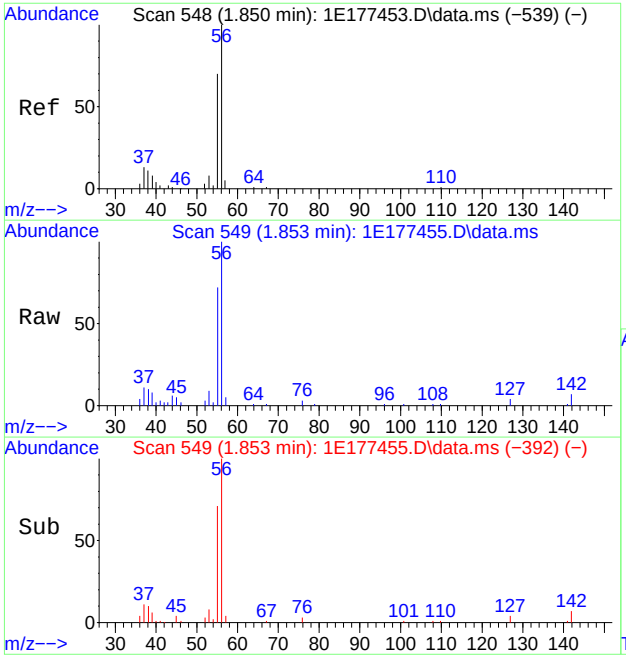


#14
ethyl ether
Concen: 101.56 ug/L
RT: 1.606 min Scan# 472
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 74 Resp: 77798

Ion	Ratio	Lower	Upper
74	100		
45	94.4	69.1	129.1
59	136.8	118.9	178.9

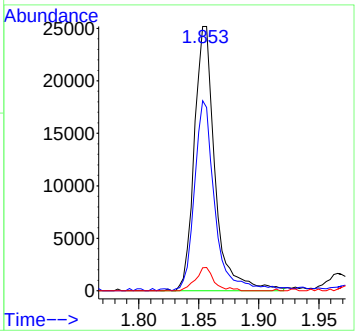


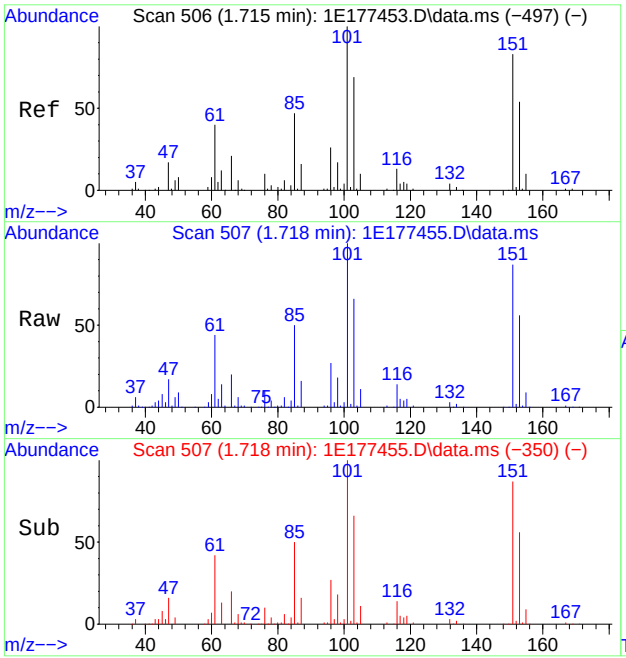


#15
acrolein
Concen: 92.06 ug/L
RT: 1.853 min Scan# 549
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 56 Resp: 30233

Ion	Ratio	Lower	Upper
56	100		
55	71.1	40.4	100.4
53	8.7	0.0	38.2

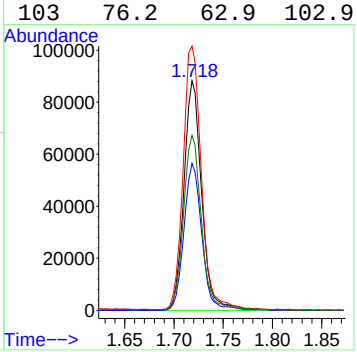


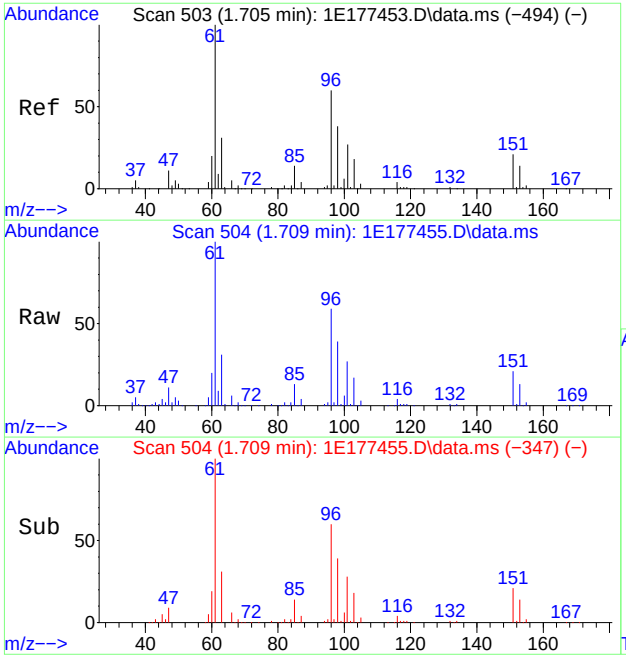


#16
freon 113
Concen: 110.14 ug/L
RT: 1.718 min Scan# 507
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:151 Resp: 110962

Ion	Ratio	Lower	Upper
151	100		
153	63.9	44.6	84.6
101	114.9	100.2	140.2
103	76.2	62.9	102.9

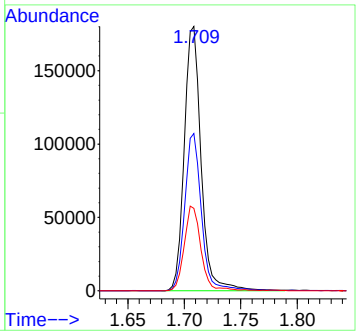


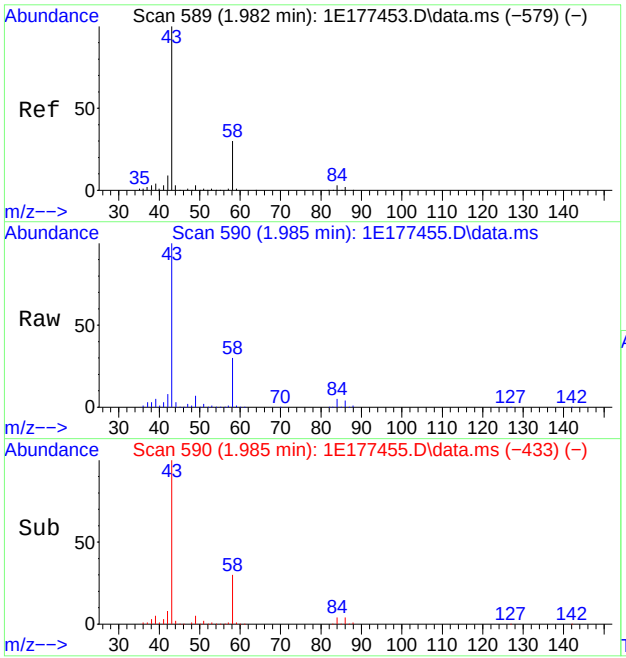


#17
1,1-dichloroethene
Concen: 104.63 ug/L
RT: 1.709 min Scan# 504
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 61 Resp: 189105

Ion	Ratio	Lower	Upper
61	100		
96	59.5	29.6	89.6
63	31.2	1.2	61.2

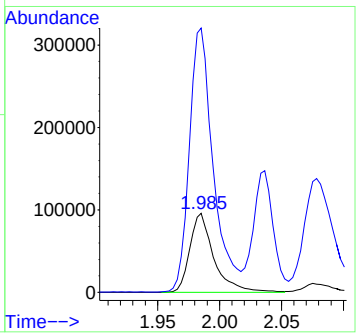


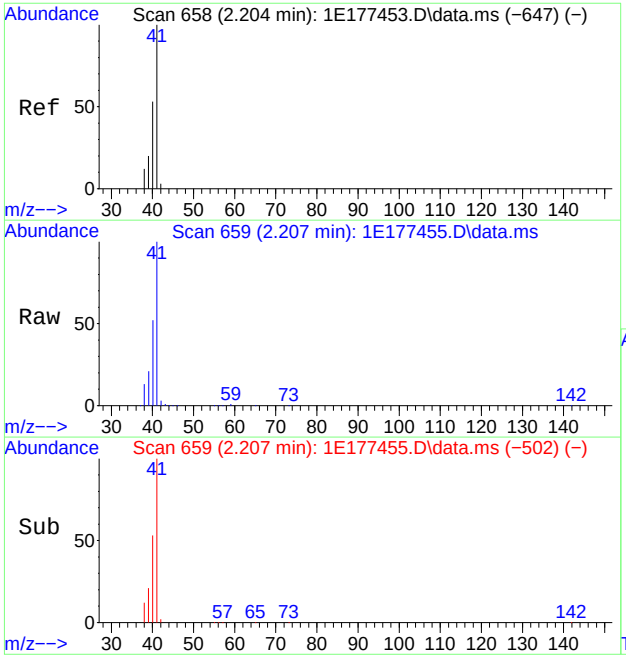


#18
acetone
Concen: 355.68 ug/L
RT: 1.985 min Scan# 590
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 58 Resp: 130083

Ion	Ratio	Lower	Upper
58	100		
43	333.4	304.0	364.0

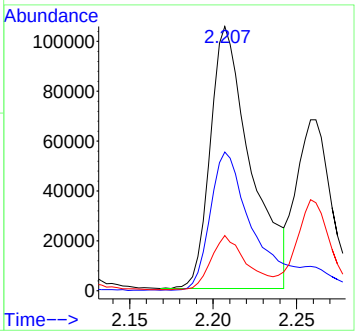


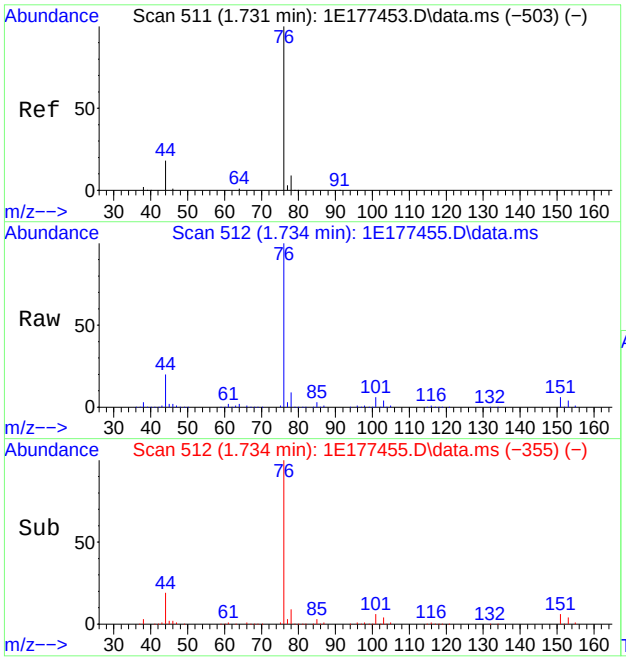


#19
acetonitrile
Concen: 854.28 ug/L
RT: 2.207 min Scan# 659
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 41 Resp: 177076

Ion	Ratio	Lower	Upper
41	100		
40	52.7	22.9	82.9
39	20.6	0.0	49.7

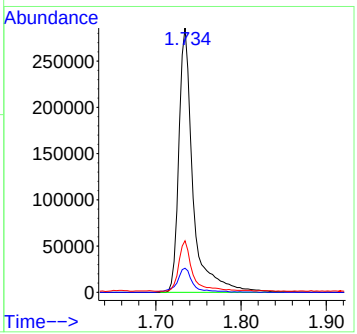


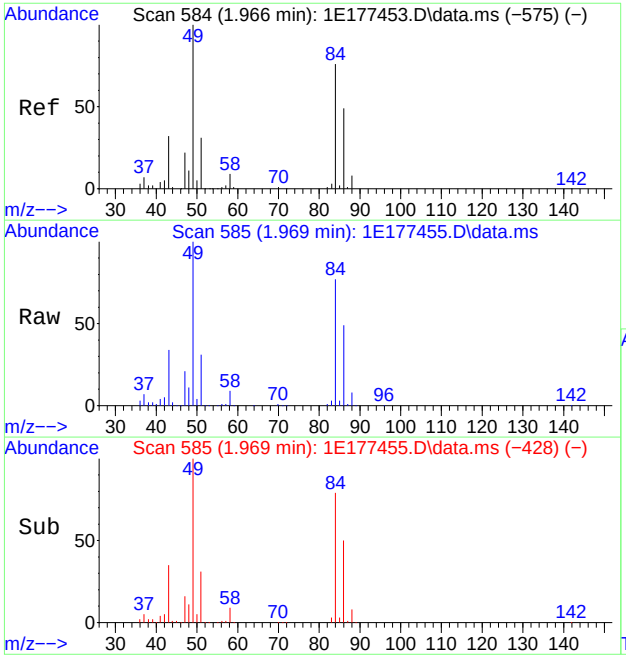


#21
carbon disulfide
Concen: 100.01 ug/L
RT: 1.734 min Scan# 512
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 76 Resp: 331822

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	19.1	0.0	48.3

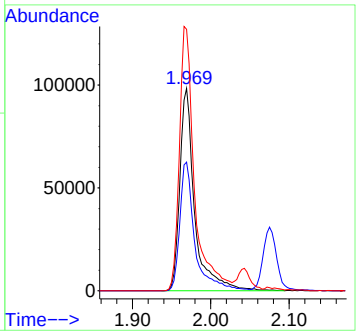


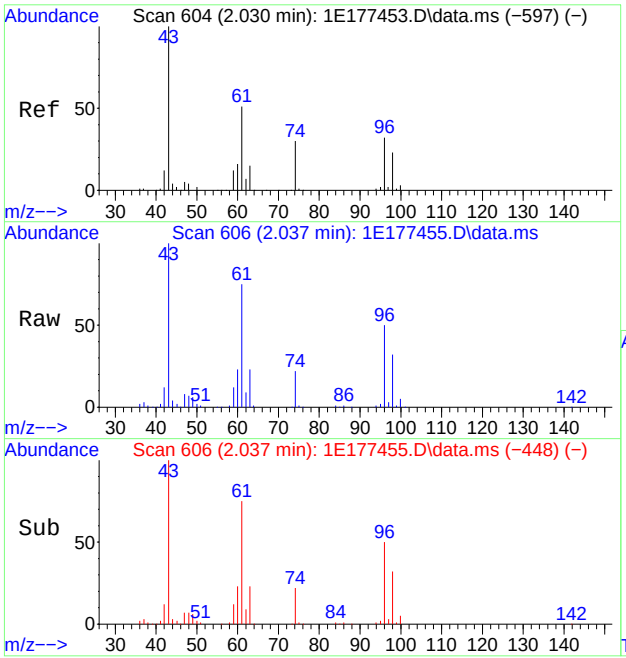


#22
methylene chloride
Concen: 94.55 ug/L
RT: 1.969 min Scan# 585
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 84 Resp: 130479

Ion	Ratio	Lower	Upper
84	100		
86	63.7	34.9	94.9
49	129.2	102.4	162.4

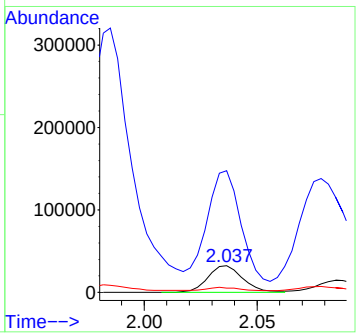


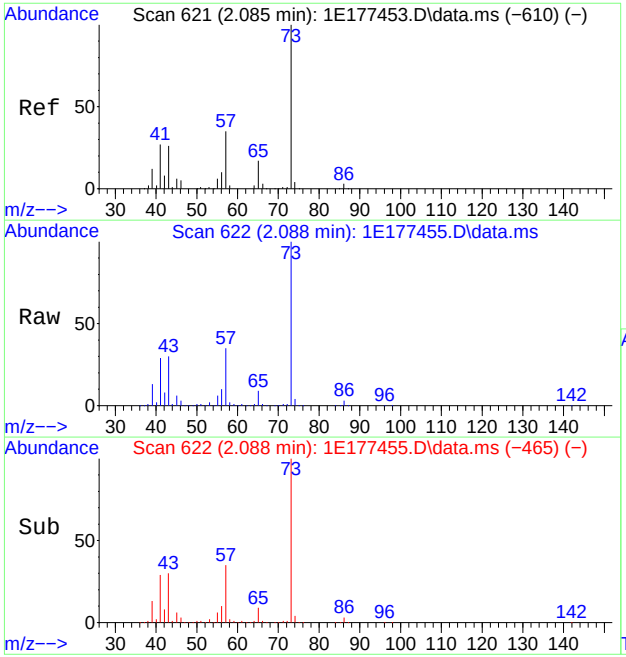


#23
methyl acetate
Concen: 100.28 ug/L
RT: 2.037 min Scan# 606
Delta R.T. 0.006 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 74 Resp: 35270

Ion	Ratio	Lower	Upper
74	100		
43	359.0	307.5	367.5
44	8.5	0.0	43.7

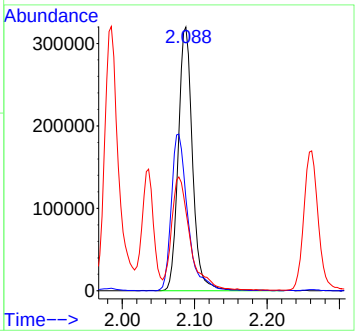


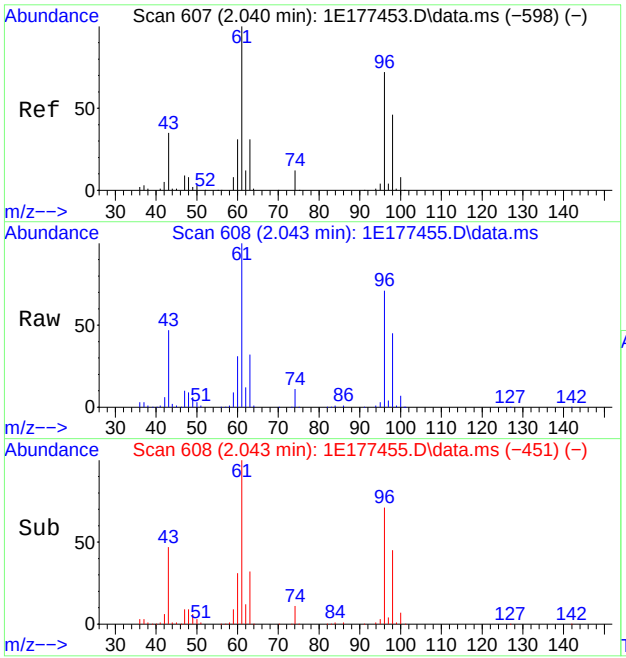


#24
methyl tert butyl ether
Concen: 101.41 ug/L
RT: 2.088 min Scan# 622
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 73 Resp: 436982

Ion	Ratio	Lower	Upper
73	100		
57	35.3	5.0	65.0
43	30.1	0.4	60.4

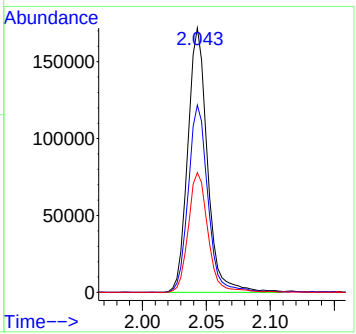


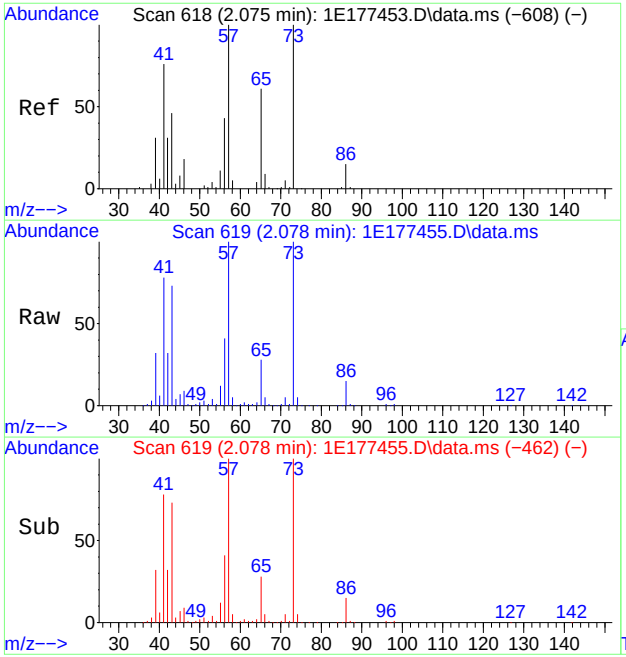


#25
trans-1,2-dichloroethene
Concen: 103.28 ug/L
RT: 2.043 min Scan# 608
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 61 Resp: 184228

Ion	Ratio	Lower	Upper
61	100		
96	70.8	41.6	101.6
98	45.3	15.7	75.7

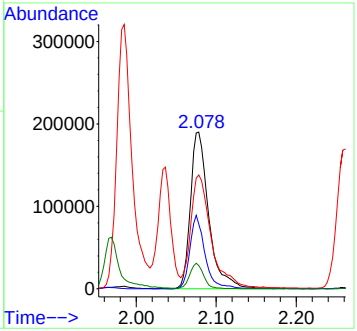


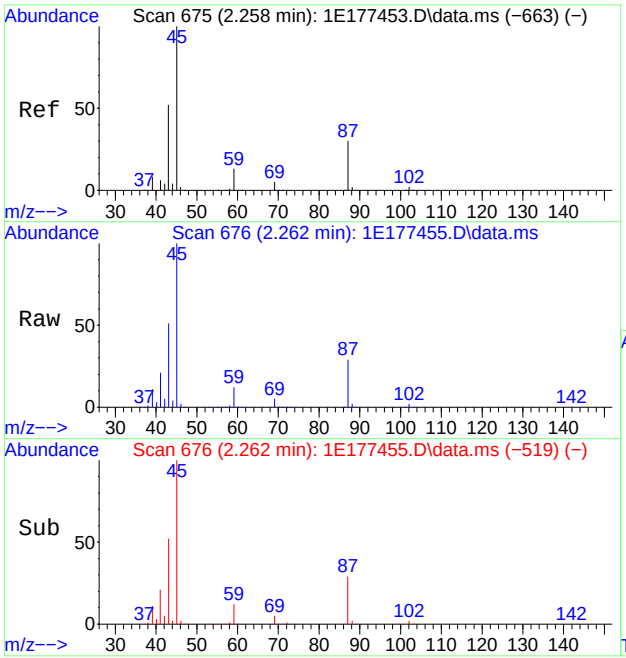


#26
hexane
Concen: 99.89 ug/L
RT: 2.078 min Scan# 619
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 57 Resp: 302668

Ion	Ratio	Lower	Upper
57	100		
56	41.2	23.0	63.0
43	72.1	50.7	90.7
86	14.9	0.0	35.6

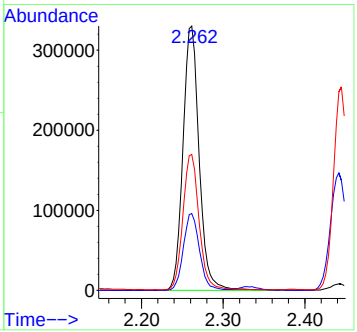


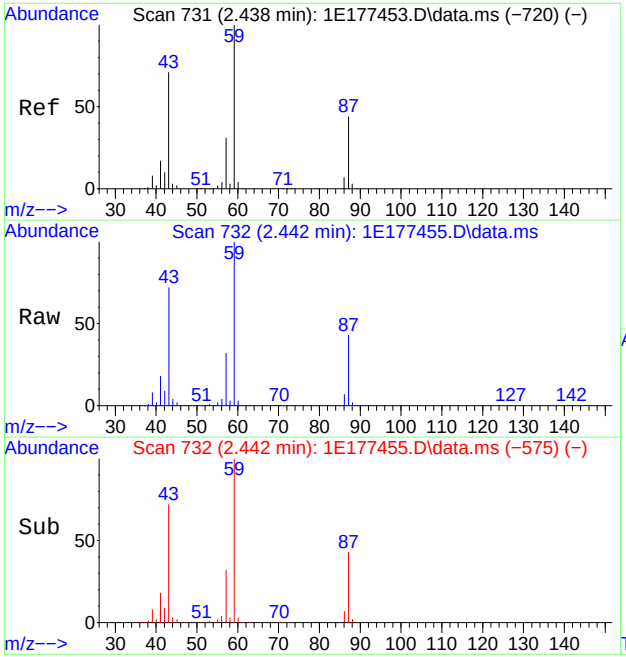


#27
di-isopropyl ether
Concen: 105.52 ug/L
RT: 2.262 min Scan# 676
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 45 Resp: 455305

Ion	Ratio	Lower	Upper
45	100		
87	29.1	0.0	59.9
43	51.2	22.2	82.2

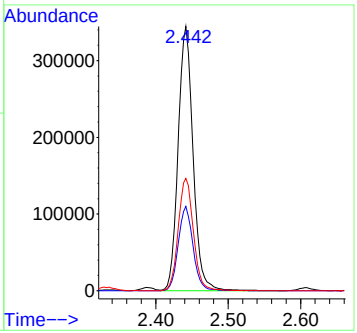


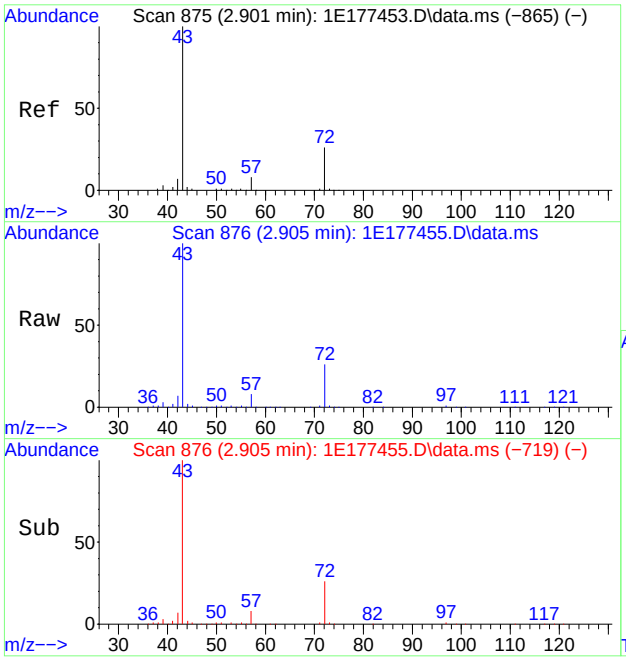


#28
ethyl tert-butyl ether
Concen: 107.35 ug/L
RT: 2.442 min Scan# 732
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 59 Resp: 495246

Ion	Ratio	Lower	Upper
59	100		
57	32.0	1.2	61.2
87	42.5	14.3	74.3

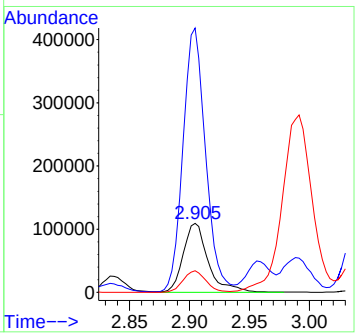


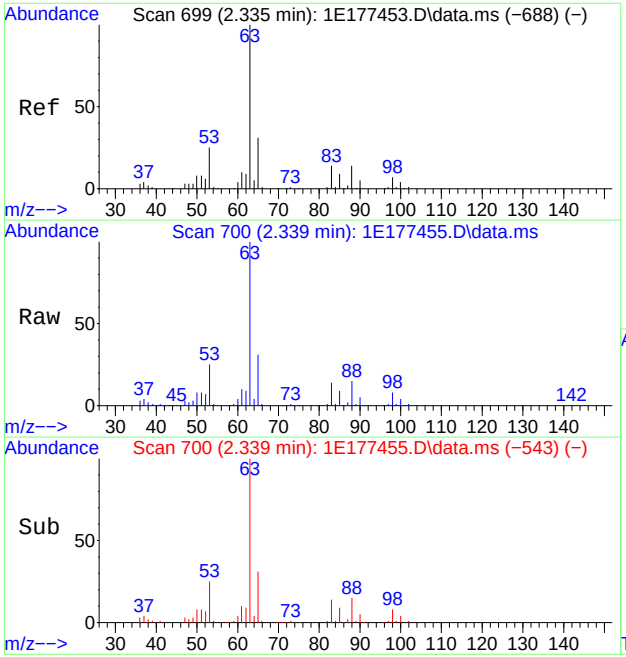


#29
2-butanone
Concen: 408.59 ug/L
RT: 2.905 min Scan# 876
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 72 Resp: 158662

Ion	Ratio	Lower	Upper
72	100		
43	383.9	351.4	411.4
57	31.7	1.3	61.3

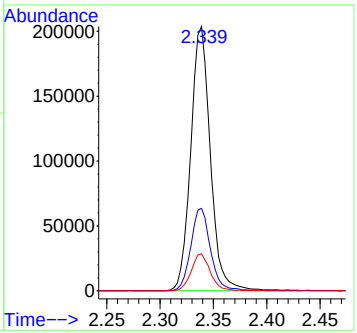


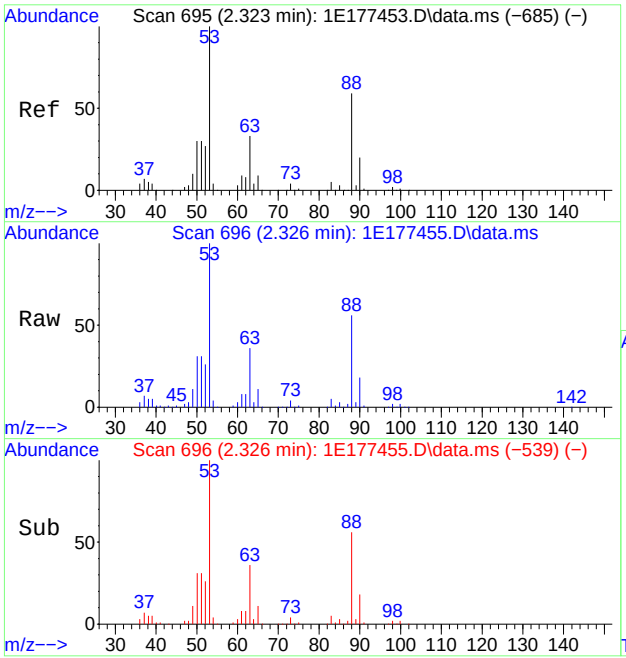


#30
1,1-dichloroethane
Concen: 104.39 ug/L
RT: 2.339 min Scan# 700
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 63 Resp: 260642

Ion	Ratio	Lower	Upper
63	100		
65	31.1	1.1	61.1
83	14.0	0.0	44.4

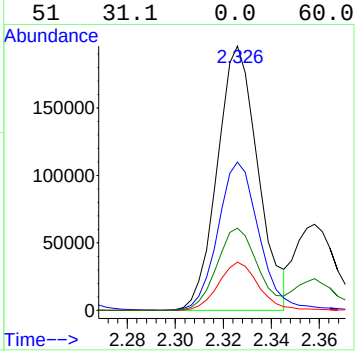


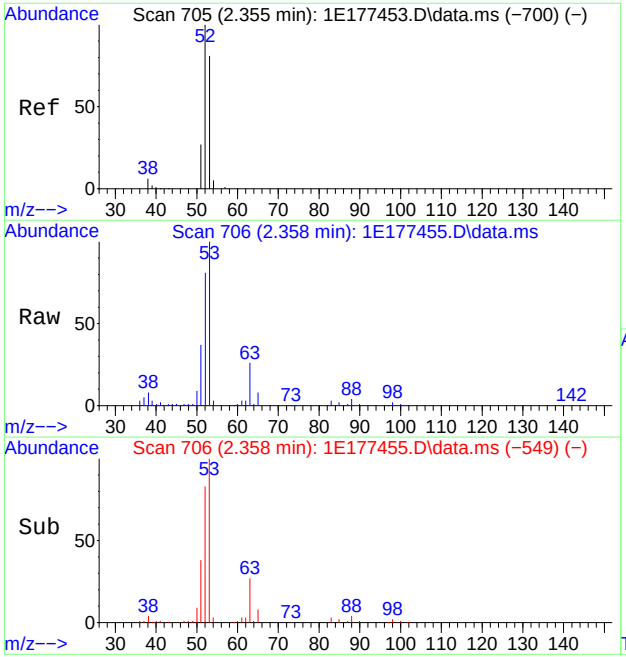


#31
chloroprene
Concen: 107.31 ug/L
RT: 2.326 min Scan# 696
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 53 Resp: 231183

Ion	Ratio	Lower	Upper
53	100		
88	56.1	29.0	89.0
90	18.2	0.0	50.3
51	31.1	0.0	60.0

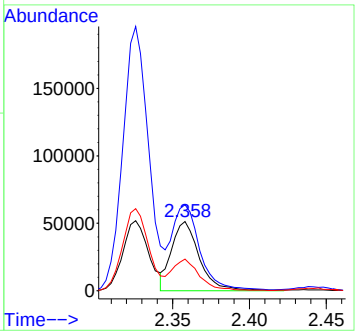


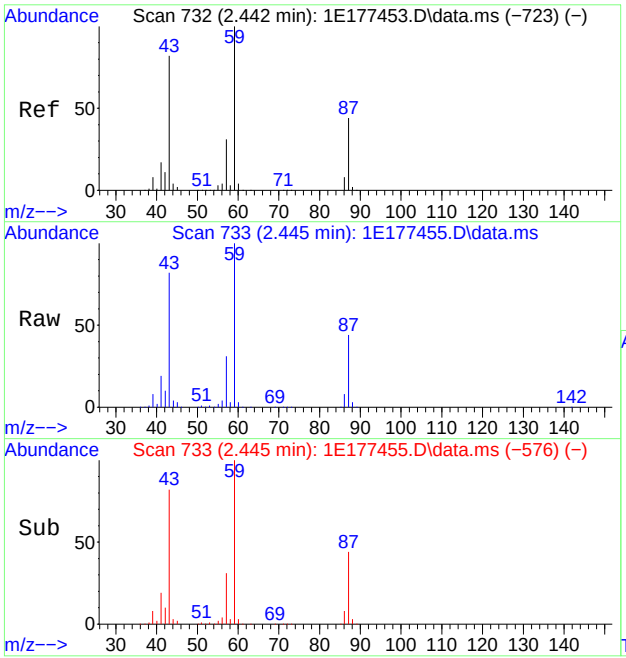


#32
acrylonitrile
Concen: 105.85 ug/L
RT: 2.358 min Scan# 706
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 52 Resp: 65018

Ion	Ratio	Lower	Upper
52	100		
53	122.8	98.3	158.3
51	45.1	13.3	73.3

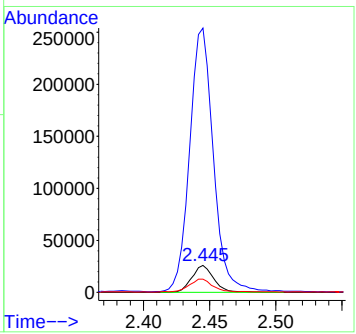


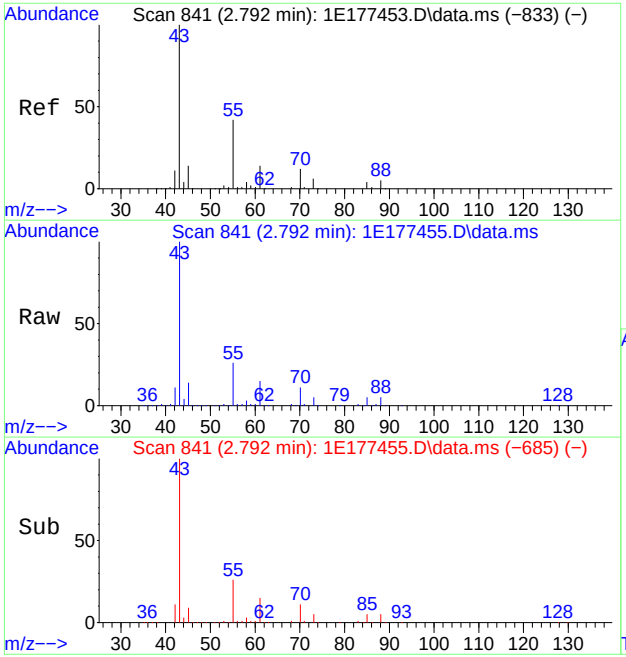


#33
vinyl acetate
Concen: 97.84 ug/L
RT: 2.445 min Scan# 733
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 86 Resp: 29956

Ion	Ratio	Lower	Upper
86	100		
43	978.2	996.1	1056.1#
44	47.0	16.2	76.2

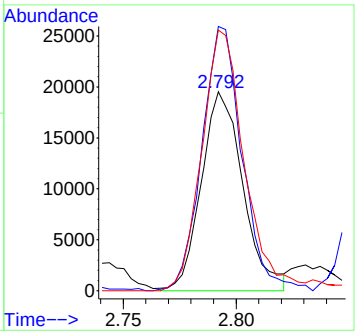


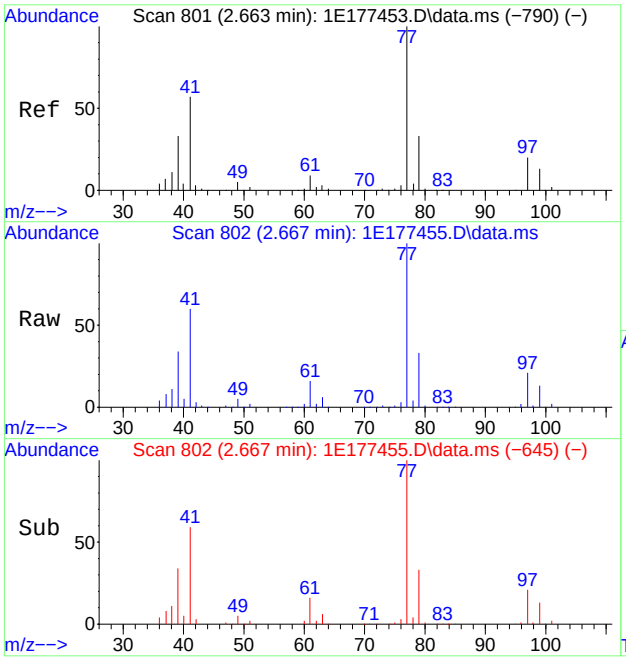


#34
ethyl acetate
Concen: 112.00 ug/L
RT: 2.792 min Scan# 841
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 70 Resp: 25000

Ion	Ratio	Lower	Upper
70	100		
61	133.6	88.3	148.3
45	132.6	89.7	149.7

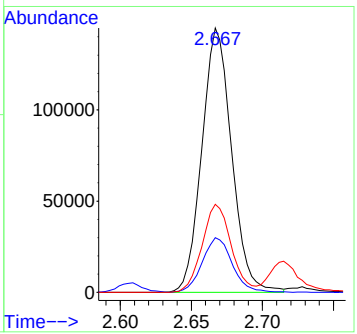


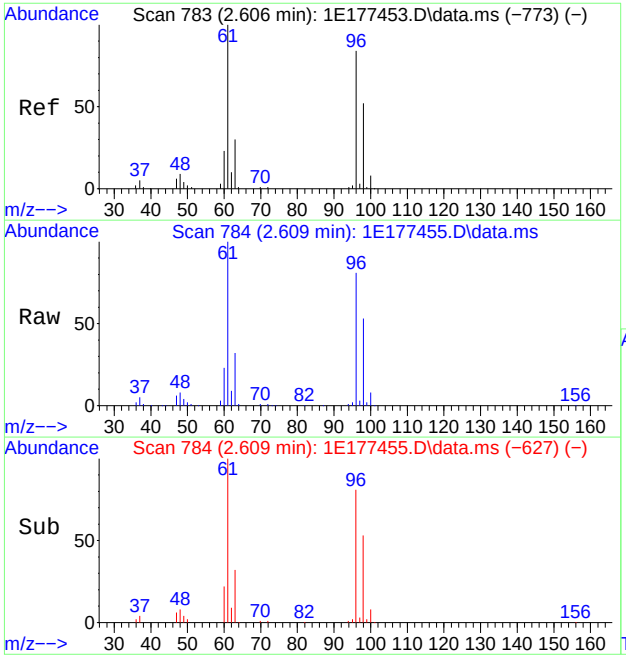


#35
2,2-dichloropropane
Concen: 100.49 ug/L
RT: 2.667 min Scan# 802
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 77 Resp: 211772

Ion	Ratio	Lower	Upper
77	100		
97	20.5	0.0	50.3
79	33.3	2.7	62.7

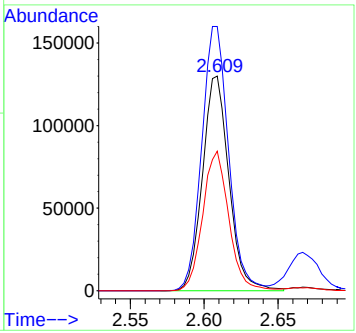


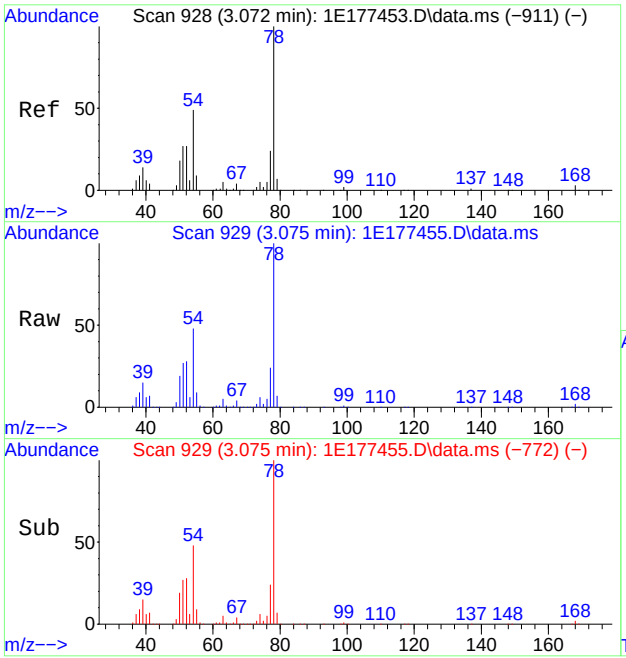


#36
cis-1,2-dichloroethene
Concen: 103.61 ug/L
RT: 2.609 min Scan# 784
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 96 Resp: 161900

Ion	Ratio	Lower	Upper
96	100		
61	123.1	89.1	149.1
98	65.0	31.8	91.8

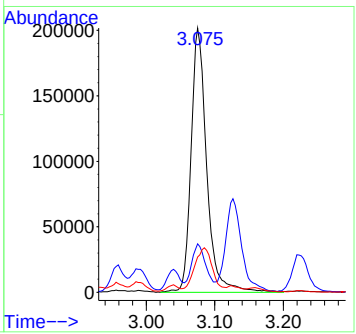


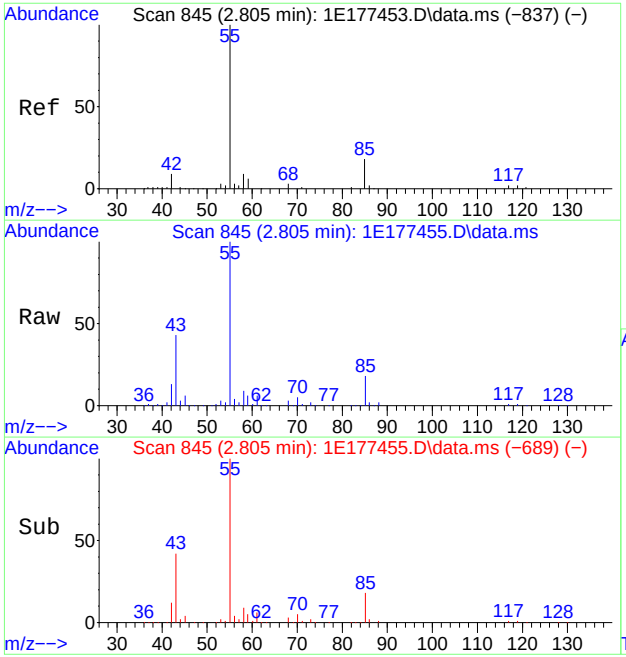


#37
propionitrile
Concen: 953.33 ug/L
RT: 3.075 min Scan# 929
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 54 Resp: 320908

Ion	Ratio	Lower	Upper
54	100		
55	17.3	0.0	49.2
40	13.0	0.0	43.2

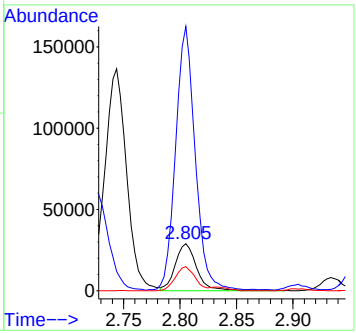


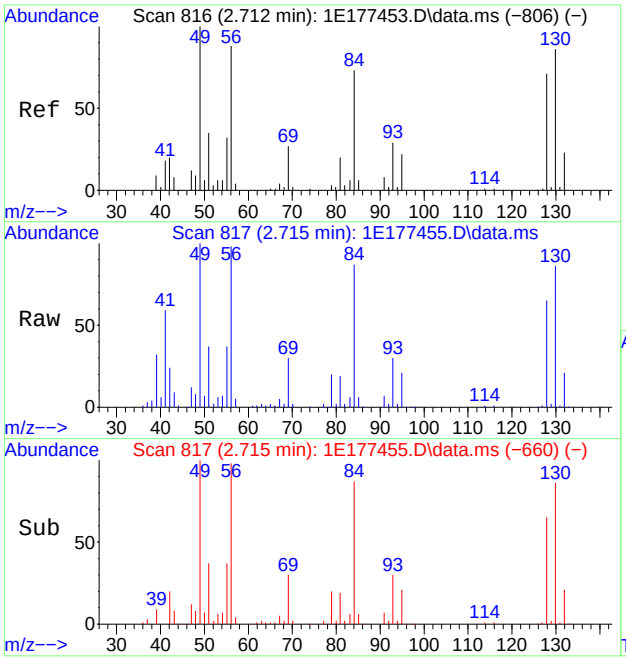


#38
methyl acrylate
Concen: 111.50 ug/L
RT: 2.805 min Scan# 845
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 85 Resp: 39035

Ion	Ratio	Lower	Upper
85	100		
55	556.9	505.5	545.5#
58	50.3	25.5	65.5

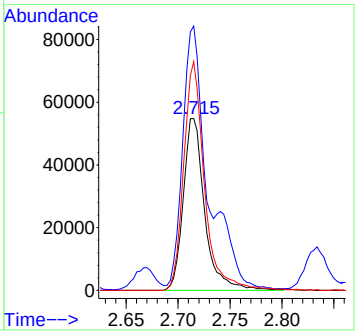


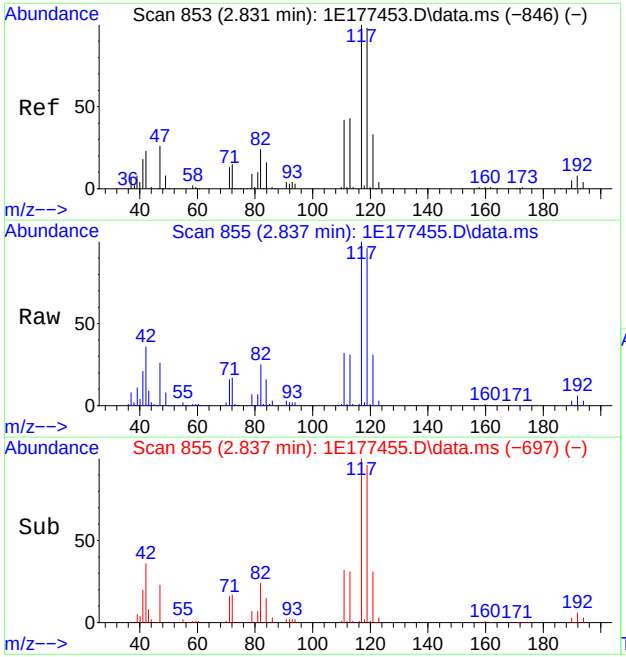


#39
bromochloromethane
Concen: 96.32 ug/L
RT: 2.715 min Scan# 817
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:128 Resp: 78575

Ion	Ratio	Lower	Upper
128	100		
49	152.9	113.7	173.7
130	133.1	91.4	151.4

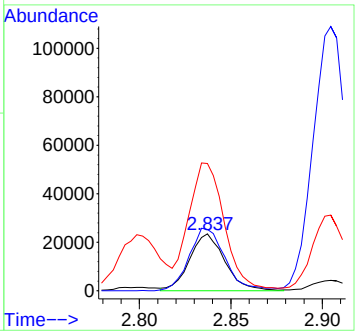


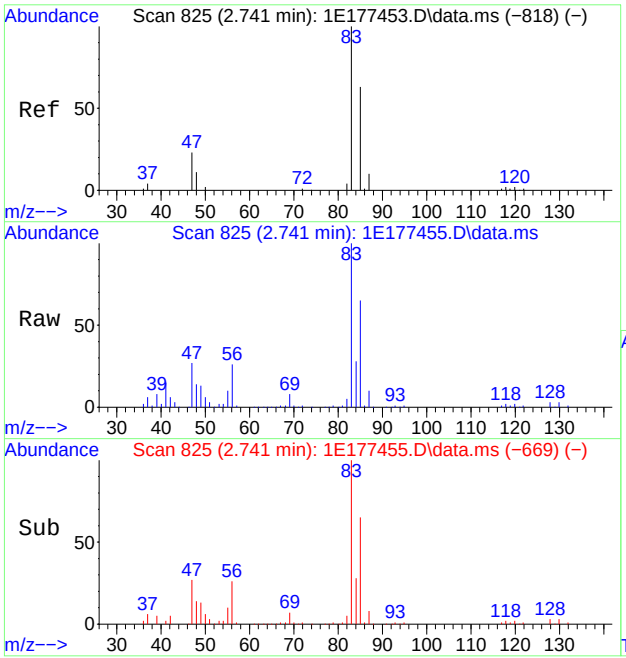


#40
tetrahydrofuran
Concen: 106.19 ug/L
RT: 2.837 min Scan# 855
Delta R.T. 0.006 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 71 Resp: 31483

Ion	Ratio	Lower	Upper
71	100		
72	107.9	82.2	142.2
42	221.8	201.9	261.9

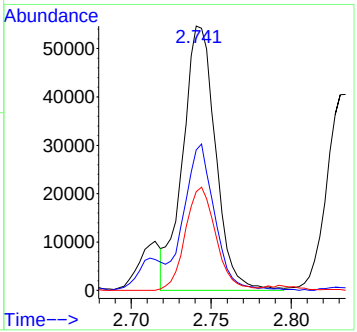


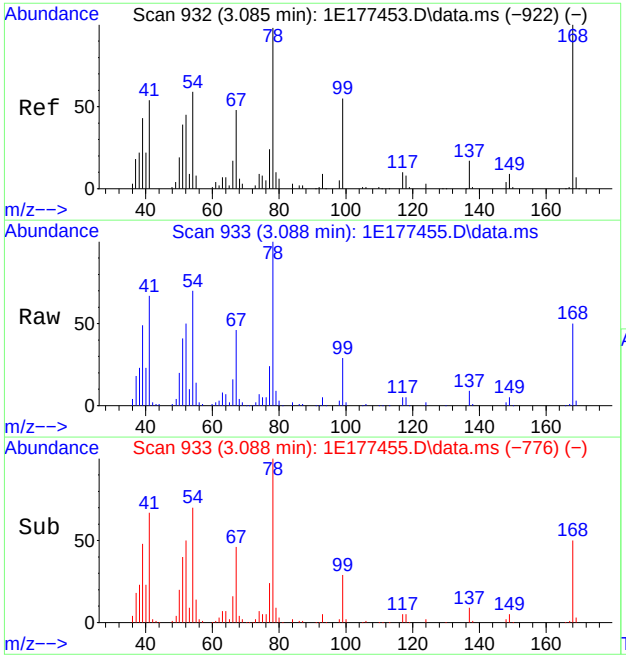


#41
chloroform
Concen: 101.30 ug/L
RT: 2.741 min Scan# 825
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 47 Resp: 78033

Ion	Ratio	Lower	Upper
47	100		
48	53.1	23.0	83.0
87	37.0	8.1	68.1

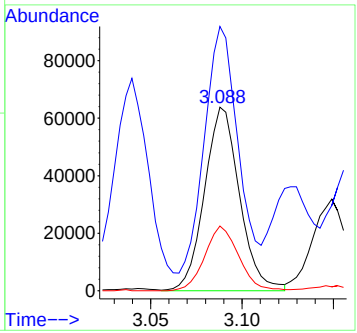


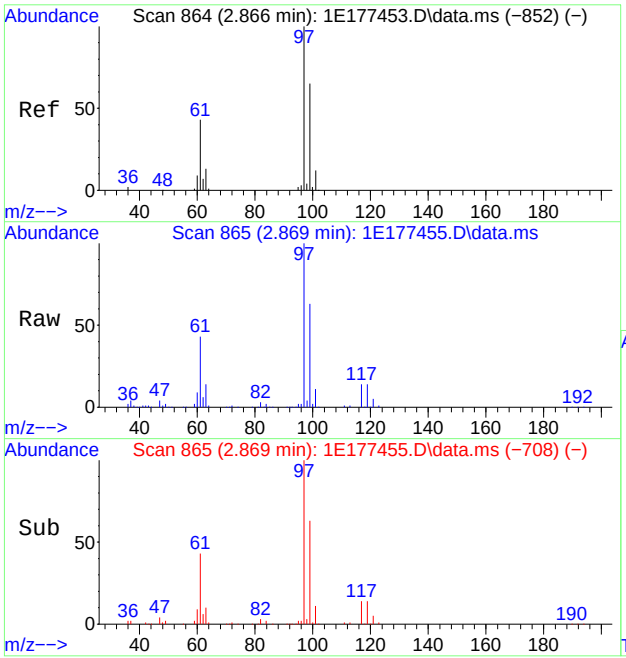


#43
methacrylonitrile
Concen: 95.60 ug/L
RT: 3.088 min Scan# 933
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 67 Resp: 85588

Ion	Ratio	Lower	Upper
67	100		
41	121.2	83.8	143.8
66	35.4	6.0	66.0

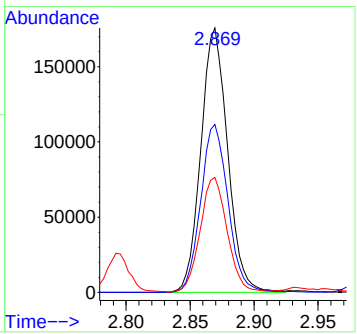


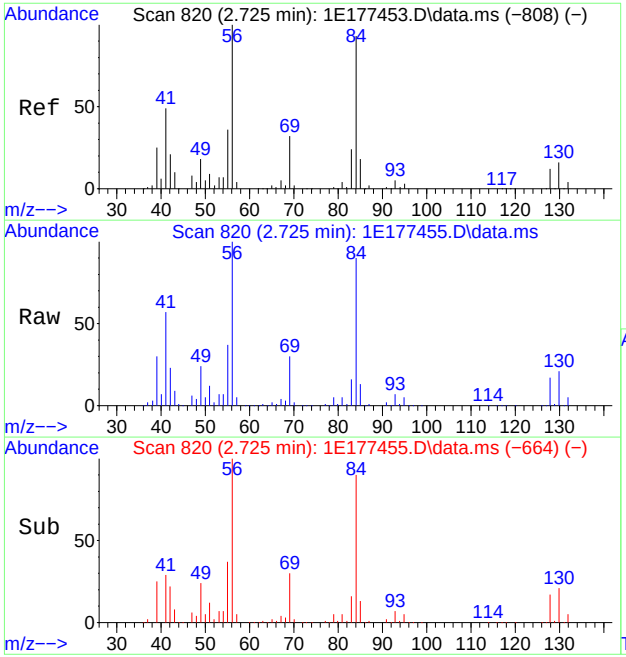


#44
1,1,1-trichloroethane
Concen: 106.16 ug/L
RT: 2.869 min Scan# 865
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 97 Resp: 256648

Ion	Ratio	Lower	Upper
97	100		
99	63.5	34.9	94.9
61	43.2	13.2	73.2

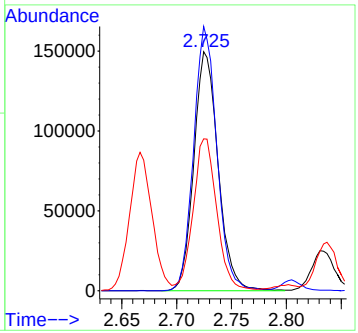


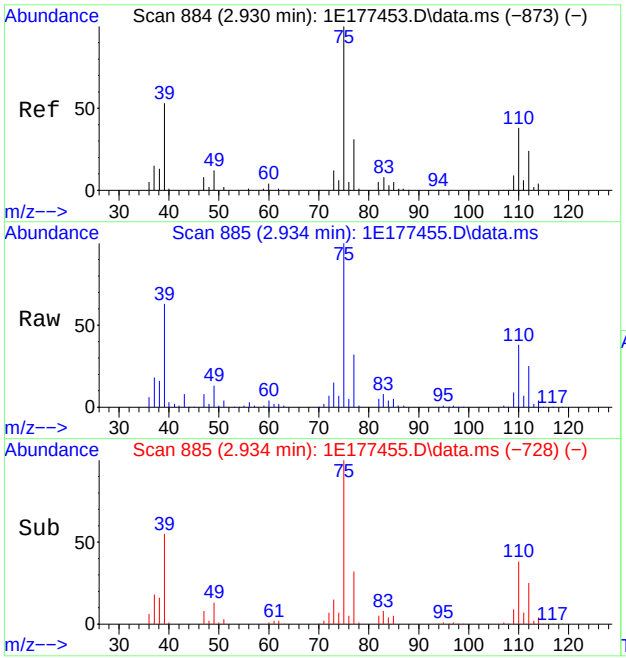


#45
cyclohexane
Concen: 111.39 ug/L
RT: 2.725 min Scan# 820
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 84 Resp: 230714

Ion	Ratio	Lower	Upper
84	100		
56	110.7	87.1	127.1
41	61.3	36.3	76.3

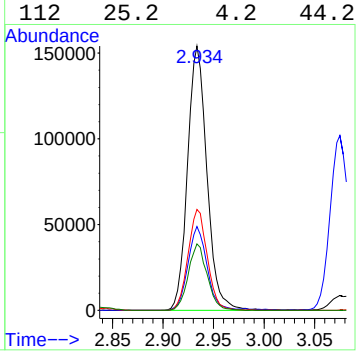


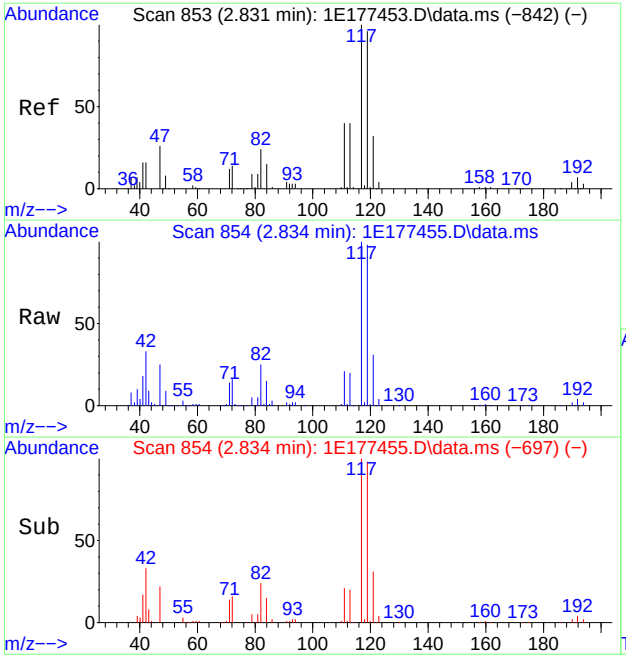


#46
1,1-dichloropropene
Concen: 108.18 ug/L
RT: 2.934 min Scan# 885
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 75 Resp: 206107

Ion	Ratio	Lower	Upper
75	100		
77	31.7	10.6	50.6
110	38.2	17.7	57.7
112	25.2	4.2	44.2

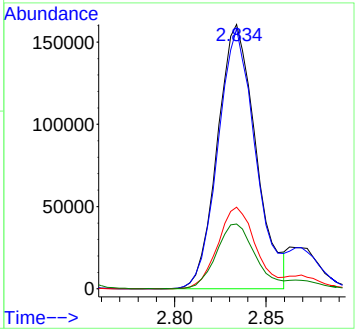


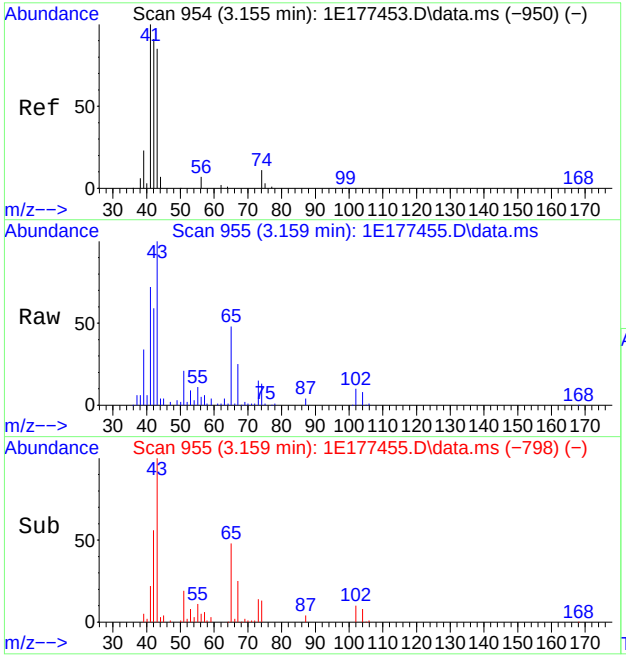


#47
carbon tetrachloride
Concen: 103.01 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:117 Resp: 235121

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.4	116.4
121	30.9	12.4	52.4
82	24.5	4.0	44.0

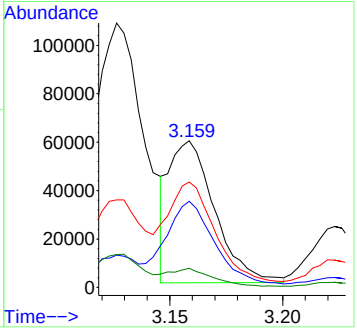


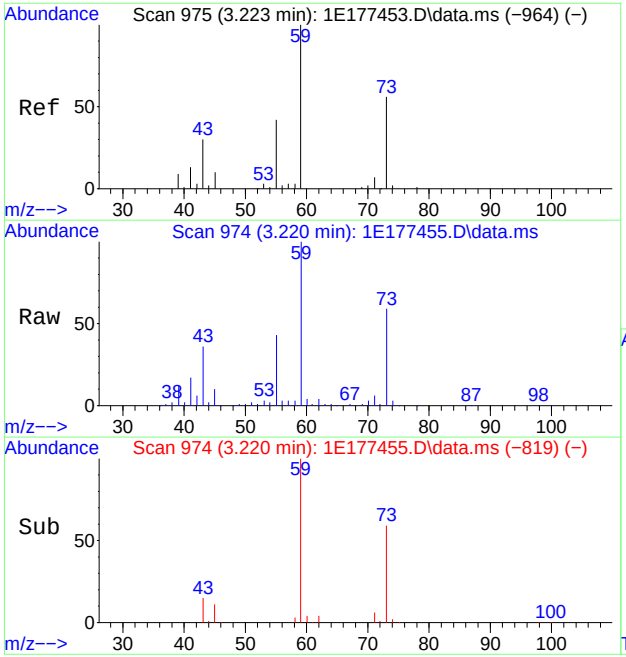


#48
isobutyl alcohol
Concen: 872.23 ug/L
RT: 3.159 min Scan# 955
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 43 Resp: 82687

Ion	Ratio	Lower	Upper
43	100		
42	60.4	34.0	74.0
41	72.5	52.4	92.4
74	13.2	0.0	32.3

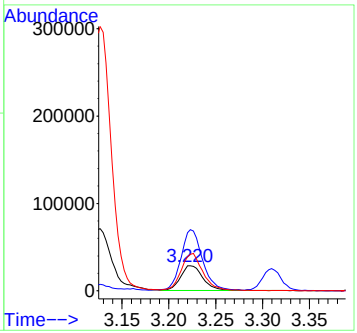


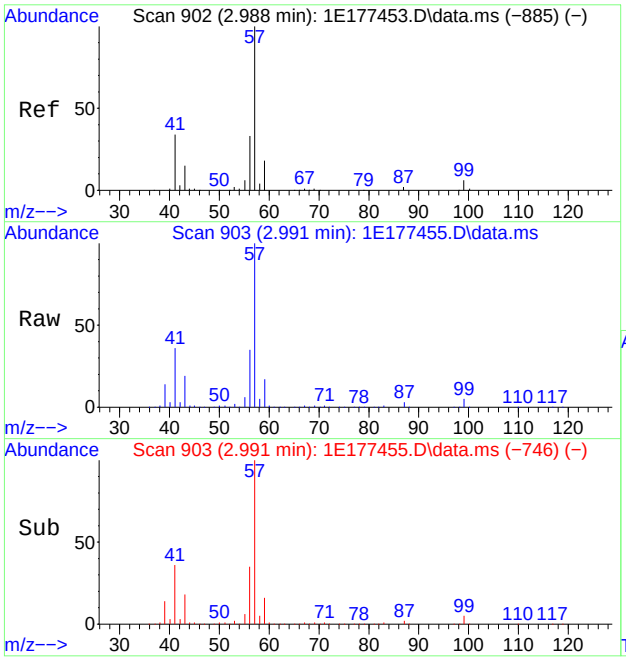


#49
tert-amyl alcohol
Concen: 471.46 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 55 Resp: 47819

Ion	Ratio	Lower	Upper
55	100		
59	228.3	210.1	250.1
73	135.8	111.6	151.6

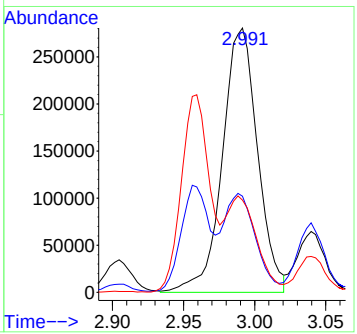


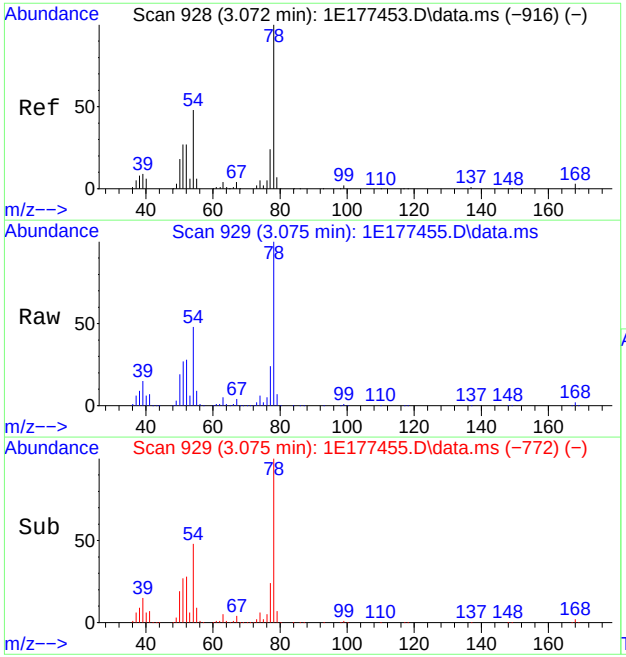


#52
iso-octane
Concen: 112.75 ug/L
RT: 2.991 min Scan# 903
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 57 Resp: 483689

Ion	Ratio	Lower	Upper
57	100		
41	35.7	14.3	54.3
56	33.5	13.6	53.6

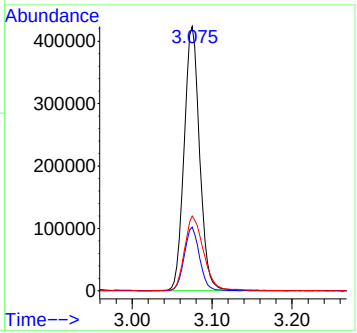


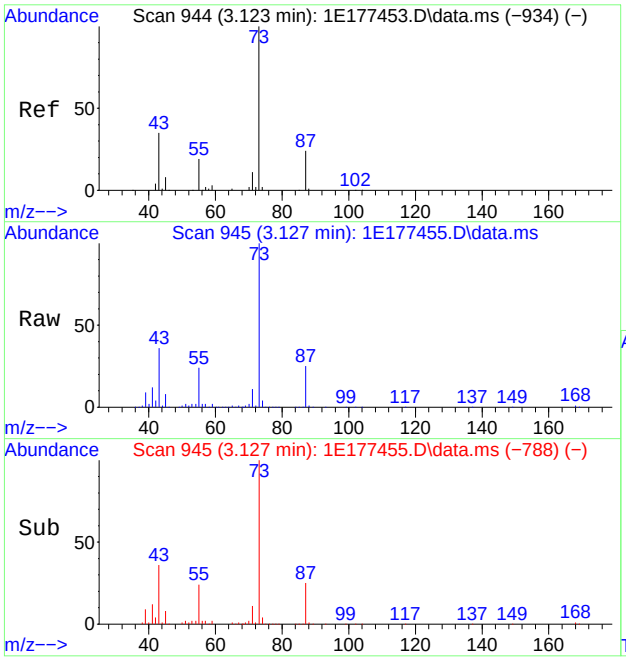


#53
benzene
Concen: 107.97 ug/L
RT: 3.075 min Scan# 929
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 78 Resp: 572718

Ion	Ratio	Lower	Upper
78	100		
77	24.1	0.0	54.3
52	28.2	0.0	57.1

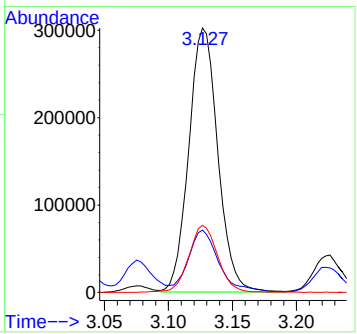


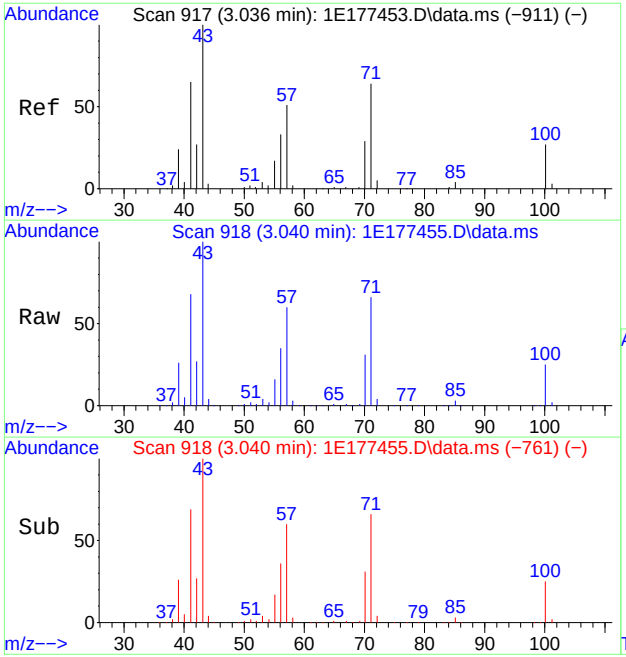


#54
tert-amyl methyl ether
Concen: 109.36 ug/L
RT: 3.127 min Scan# 945
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 73 Resp: 477613

Ion	Ratio	Lower	Upper
73	100		
55	23.4	2.5	42.5
87	25.3	5.0	45.0

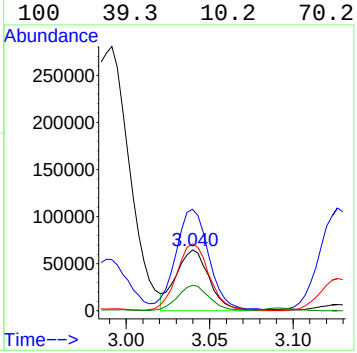


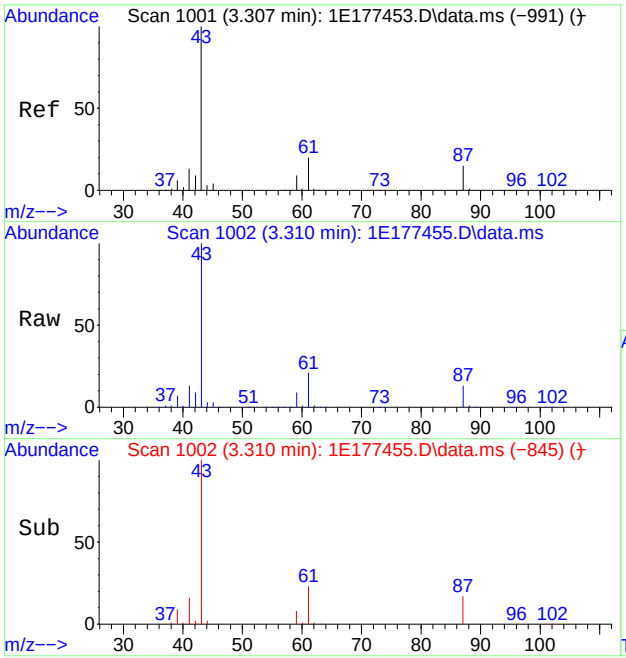


#55
heptane
Concen: 112.74 ug/L
RT: 3.040 min Scan# 918
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 57 Resp: 90301

Ion	Ratio	Lower	Upper
57	100		
43	166.1	129.2	189.2
71	110.5	71.9	131.9
100	39.3	10.2	70.2

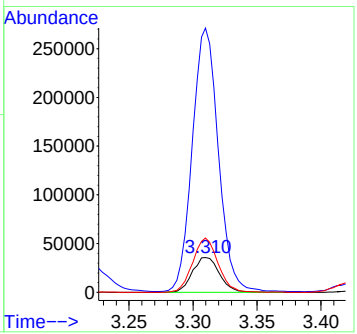


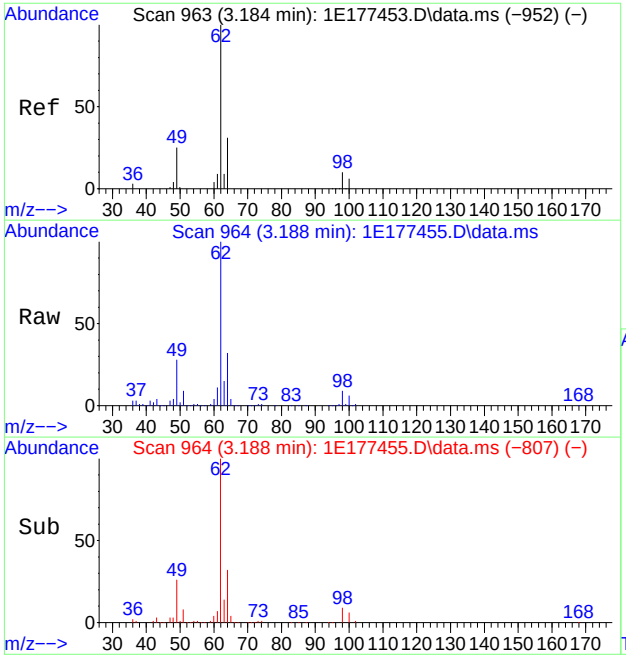


#56
isopropyl acetate
Concen: 112.62 ug/L
RT: 3.310 min Scan# 1002
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 87 Resp: 53027

Ion	Ratio	Lower	Upper
87	100		
43	759.2	647.0	707.0#
61	157.1	104.0	164.0

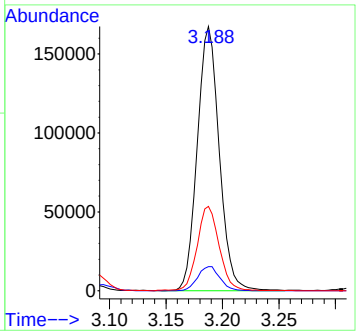


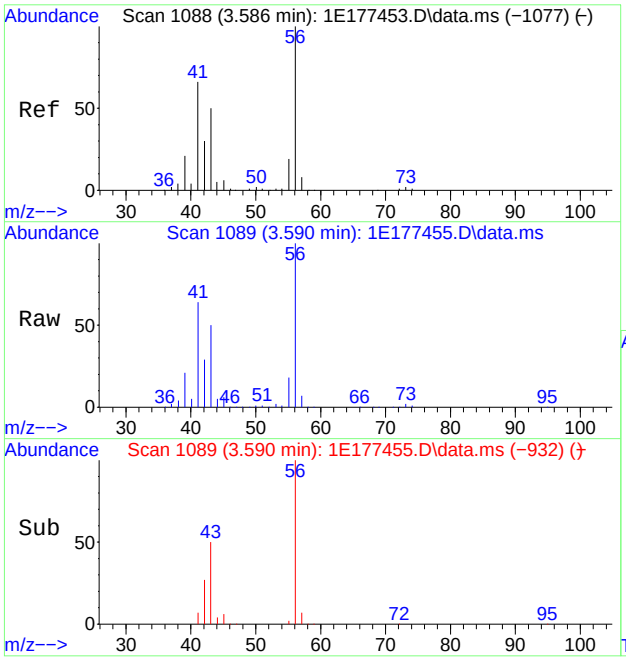


#57
1,2-dichloroethane
Concen: 104.38 ug/L
RT: 3.188 min Scan# 964
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 62 Resp: 226500

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	39.5
64	31.8	1.9	61.9

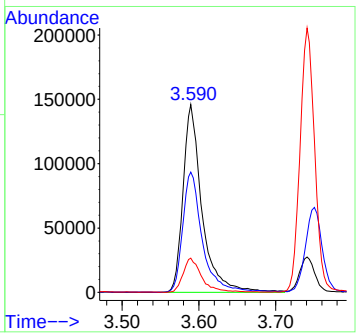


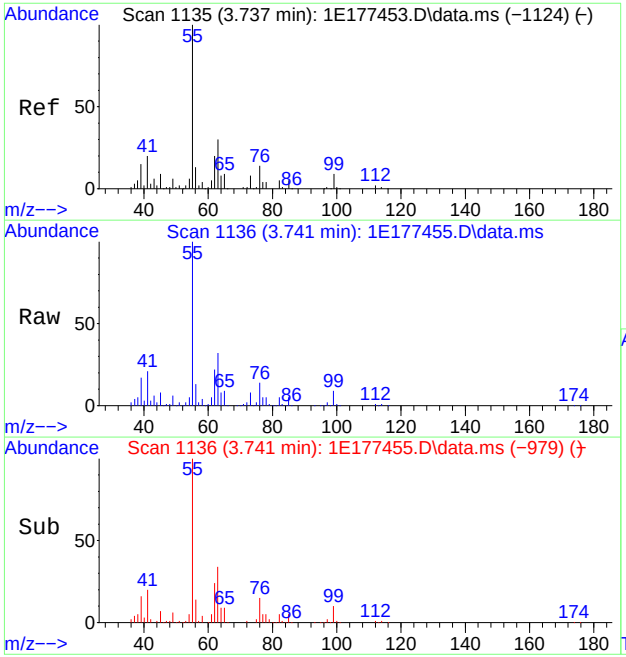


#58
n-butyl alcohol
Concen: 4616.42 ug/L
RT: 3.590 min Scan# 1089
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 56 Resp: 251110

Ion	Ratio	Lower	Upper
56	100		
41	64.0	46.6	86.6
55	18.1	0.0	39.2

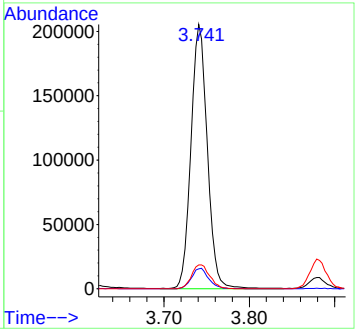


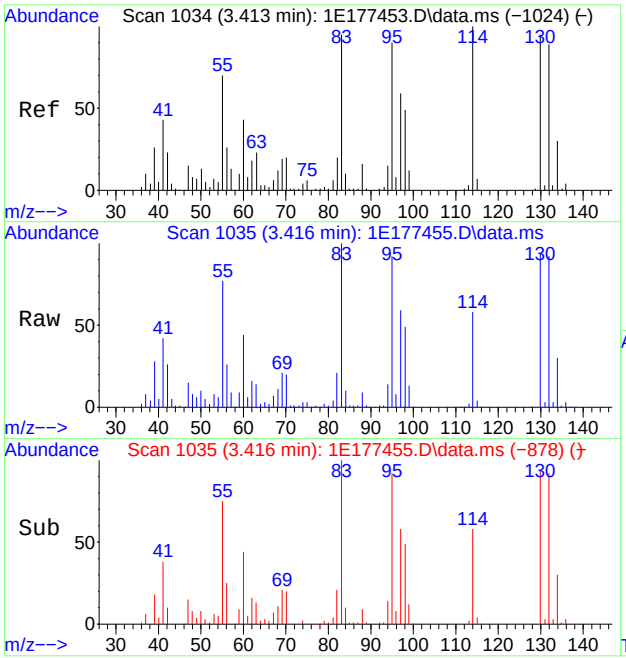


#59
ethyl acrylate
Concen: 110.54 ug/L
RT: 3.741 min Scan# 1136
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 55 Resp: 273375

Ion	Ratio	Lower	Upper
55	100		
73	7.5	0.0	37.9
99	9.0	0.0	38.9

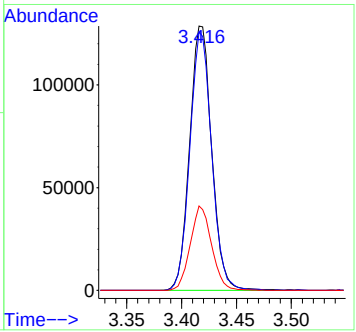


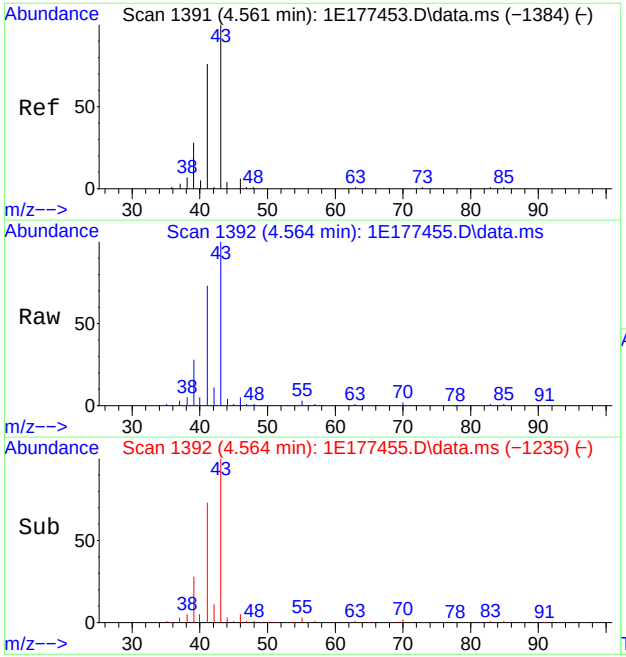


#60
trichloroethene
Concen: 112.31 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:130 Resp: 180128

Ion	Ratio	Lower	Upper
130	100		
132	97.7	63.8	123.8
134	32.0	1.3	61.3

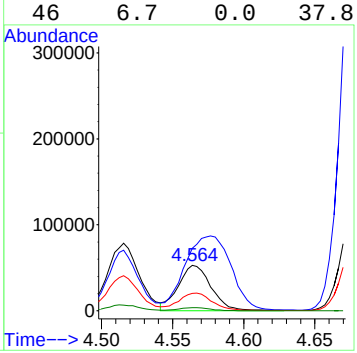


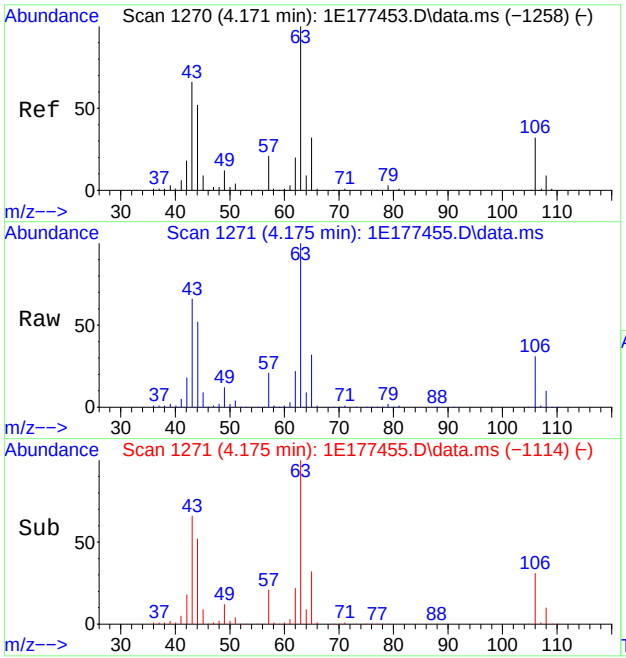


#61
2-nitropropane
Concen: 108.76 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 41 Resp: 85492

Ion	Ratio	Lower	Upper
41	100		
43	136.1	93.3	153.3
39	37.9	9.2	69.2
46	6.7	0.0	37.8

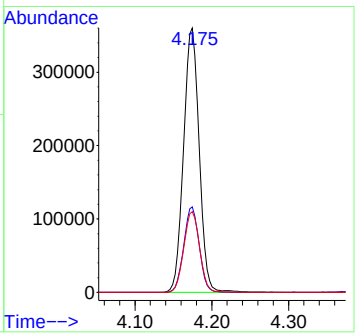


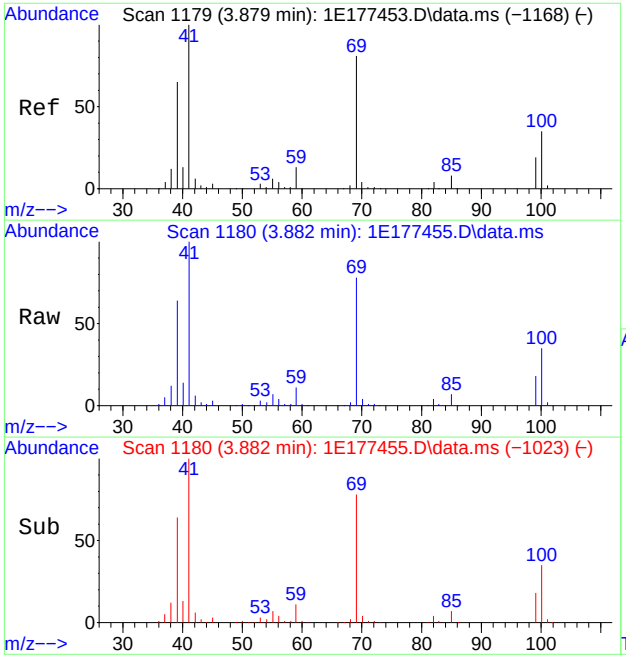


#62
2-chloroethyl vinyl ether
Concen: 579.36 ug/L
RT: 4.175 min Scan# 1271
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 63 Resp: 509180

Ion	Ratio	Lower	Upper
63	100		
65	32.4	1.9	61.9
106	30.5	2.0	62.0

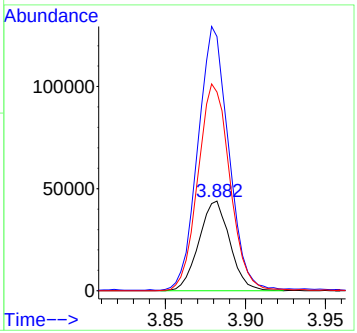


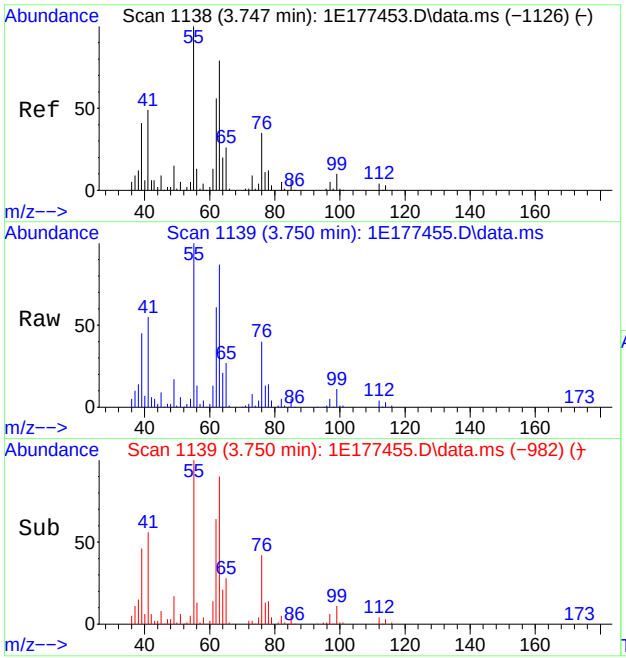


#63
methyl methacrylate
Concen: 107.97 ug/L
RT: 3.882 min Scan# 1180
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:100 Resp: 59419

Ion	Ratio	Lower	Upper
100	100		
41	282.2	253.3	313.3
69	221.0	198.3	258.3

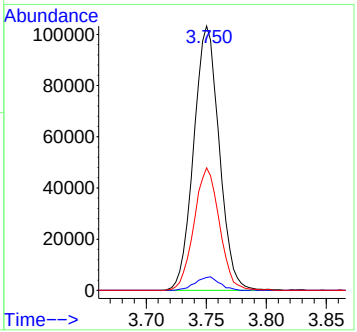


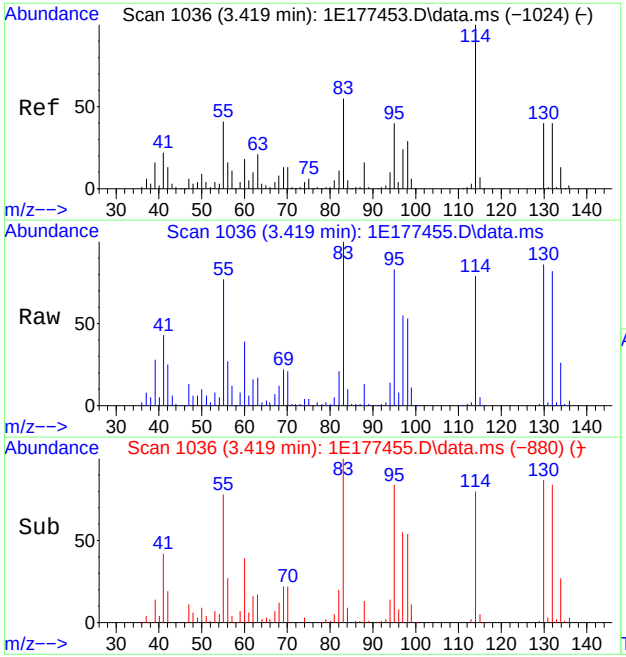


#64
1,2-dichloropropane
Concen: 110.54 ug/L
RT: 3.750 min Scan# 1139
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 63 Resp: 152995

Ion	Ratio	Lower	Upper
63	100		
112	4.9	0.0	34.8
76	46.3	14.8	74.8

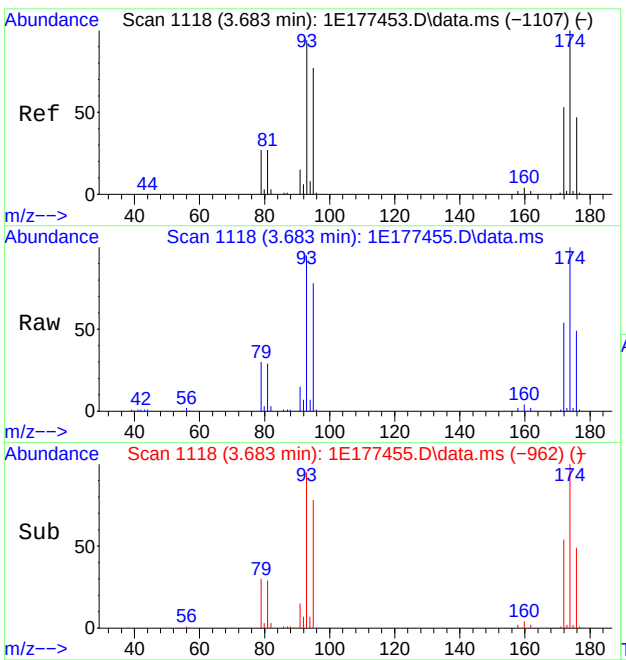




#65
methylcyclohexane
Concen: 108.87 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 98 Resp: 124513

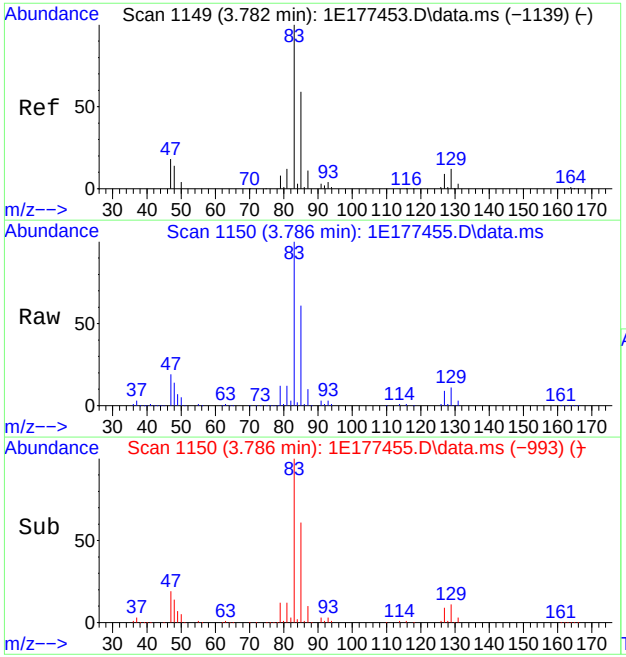
Ion	Ratio	Lower	Upper
98	100		
55	144.9	109.6	169.6
83	187.3	187.2	187.2#



#66
dibromomethane
Concen: 102.86 ug/L
RT: 3.683 min Scan# 1118
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 93 Resp: 106727

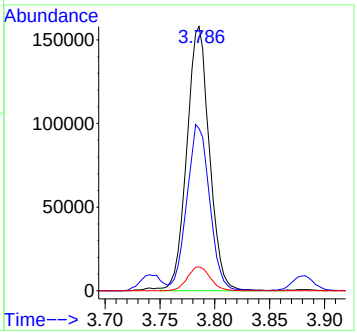
Ion	Ratio	Lower	Upper
93	100		
95	82.4	51.7	111.7
174	105.6	76.6	136.6
172	57.5	36.3	76.3

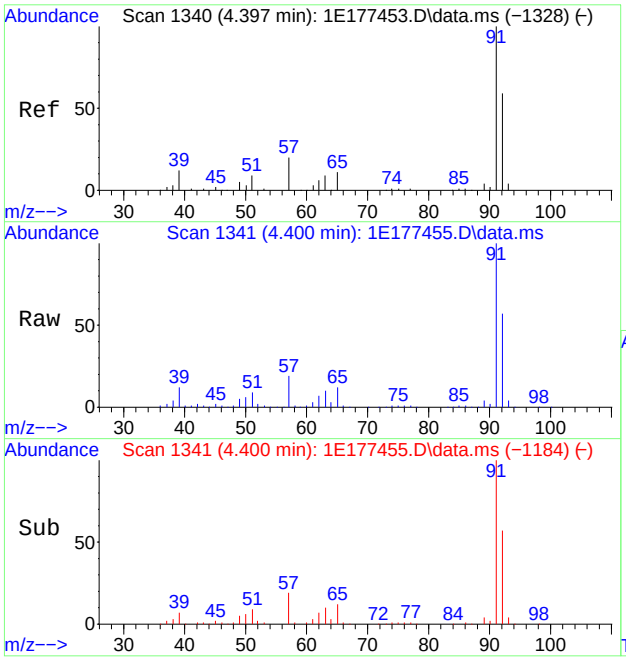


#67
bromodichloromethane
Concen: 111.83 ug/L
RT: 3.786 min Scan# 1150
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 83 Resp: 226031

Ion	Ratio	Lower	Upper
83	100		
85	60.7	33.0	93.0
127	9.1	0.0	38.8

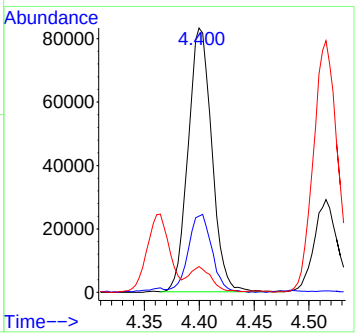


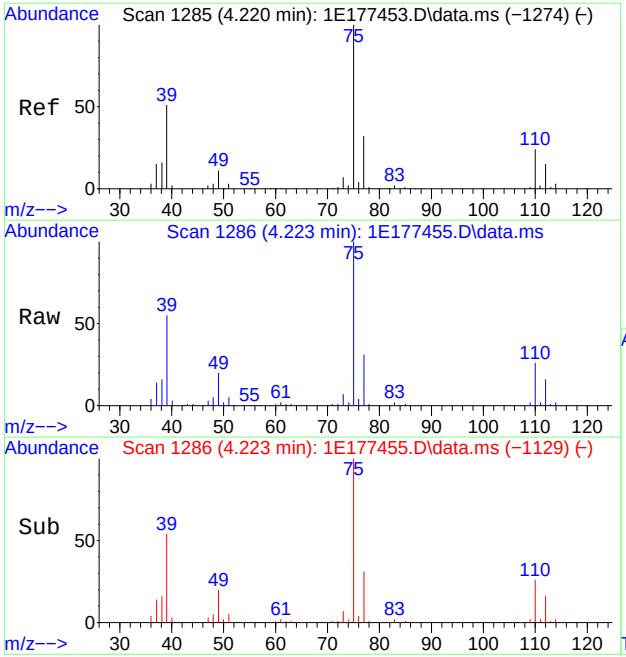


#68
epichlorohydrin
Concen: 497.71 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 57 Resp: 124786

Ion	Ratio	Lower	Upper
57	100		
49	28.3	8.6	48.6
42	9.5	0.0	30.2

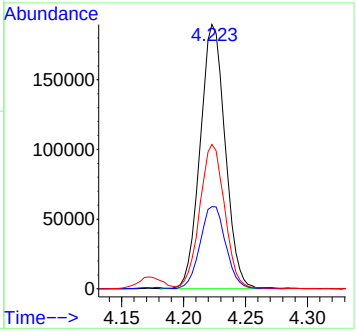


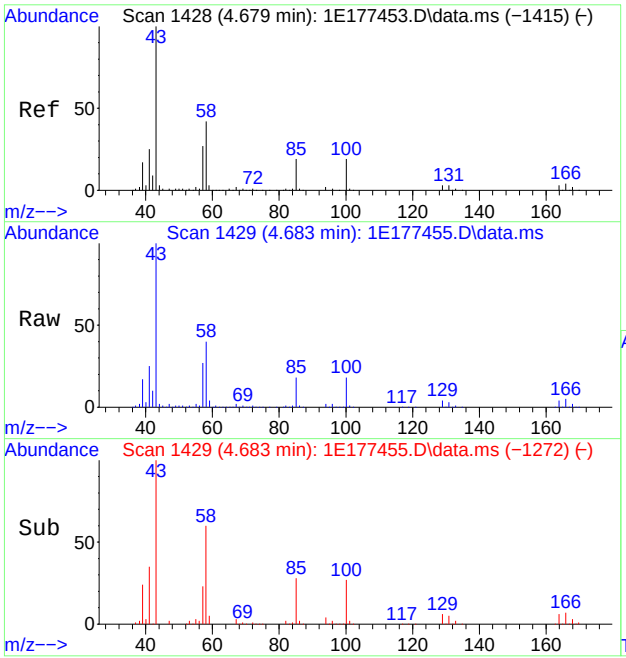


#69
cis-1,3-dichloropropene
Concen: 112.56 ug/L
RT: 4.223 min Scan# 1286
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 75 Resp: 266671

Ion	Ratio	Lower	Upper
75	100		
77	31.1	2.1	62.1
39	54.5	23.0	83.0

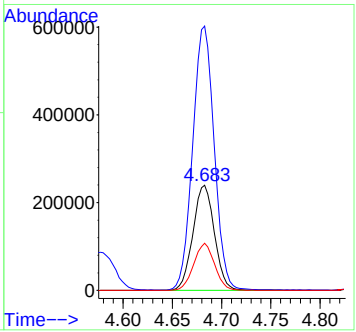


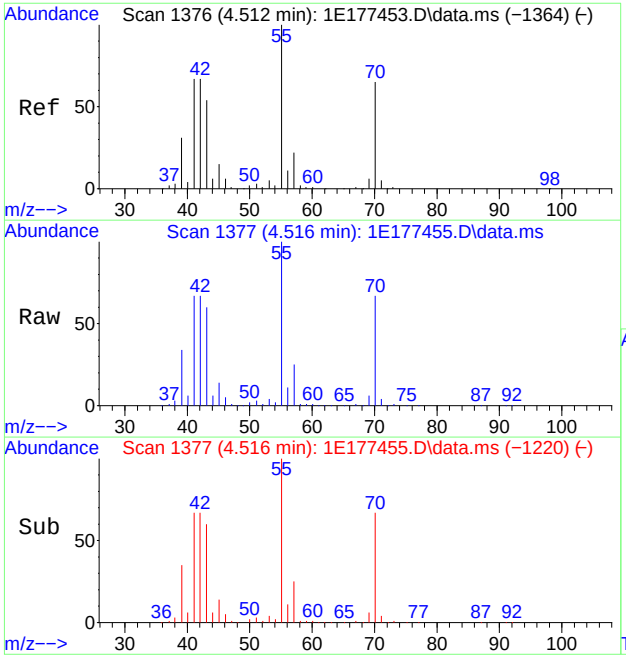


#70
4-methyl-2-pentanone
Concen: 443.00 ug/L
RT: 4.683 min Scan# 1429
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 58 Resp: 363851

Ion	Ratio	Lower	Upper
58	100		
43	251.2	210.4	270.4
100	45.0	14.6	74.6

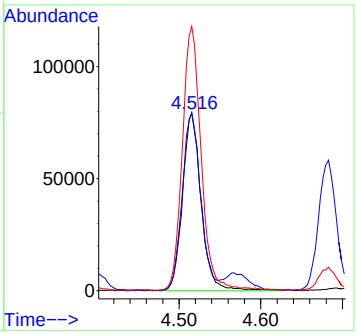


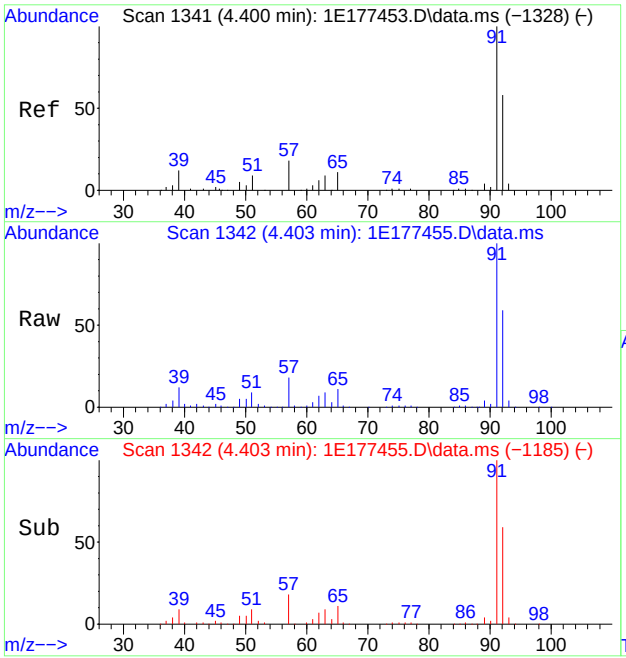


#71
3-methyl-1-butanol
Concen: 2068.64 ug/L
RT: 4.516 min Scan# 1377
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 70 Resp: 125907

Ion	Ratio	Lower	Upper
70	100		
42	99.9	73.1	133.1
55	148.4	123.9	183.9

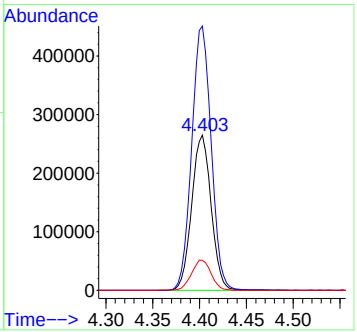


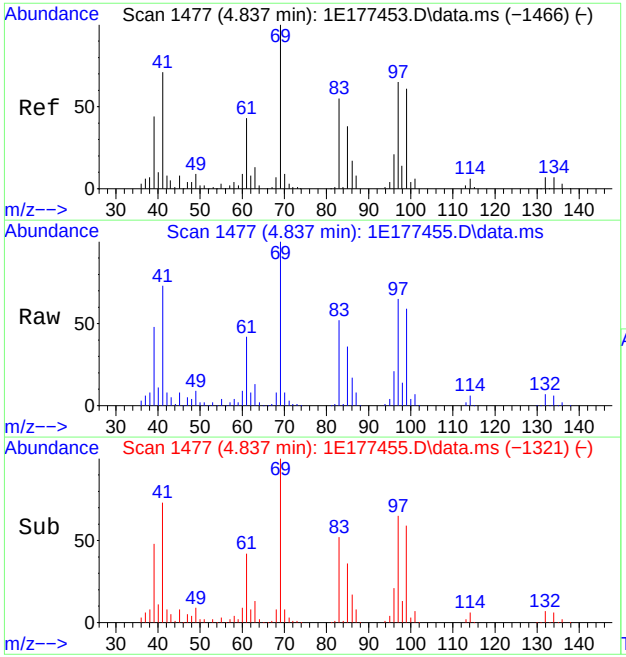


#74
toluene
Concen: 107.80 ug/L
RT: 4.403 min Scan# 1342
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 92 Resp: 382781

Ion	Ratio	Lower	Upper
92	100		
91	170.3	151.4	191.4
65	19.4	0.0	39.2

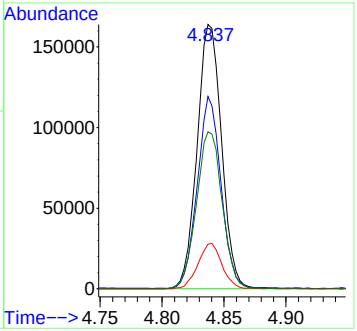


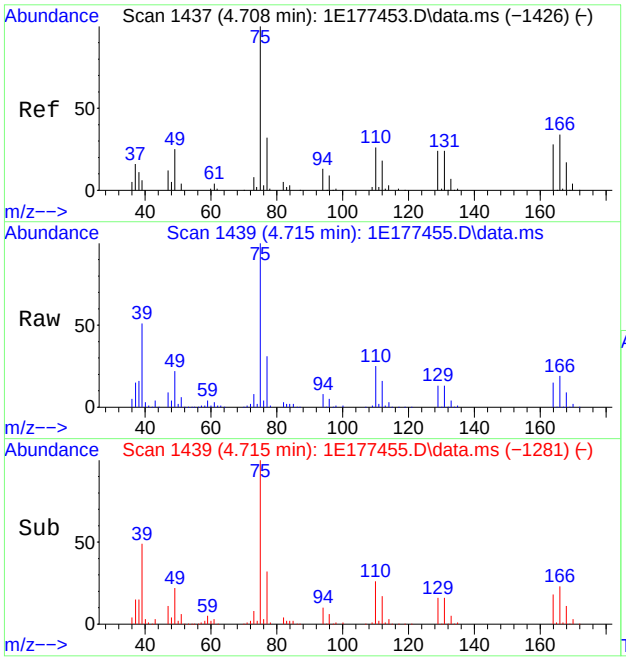


#75
ethyl methacrylate
Concen: 107.76 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 69 Resp: 225897

Ion	Ratio	Lower	Upper
69	100		
41	72.5	51.1	91.1
86	16.9	0.0	36.7
99	59.4	41.3	81.3

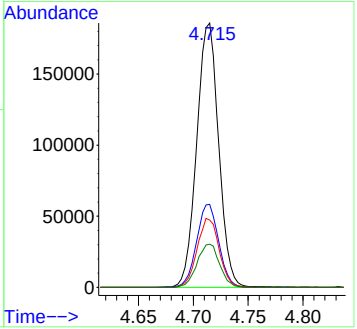


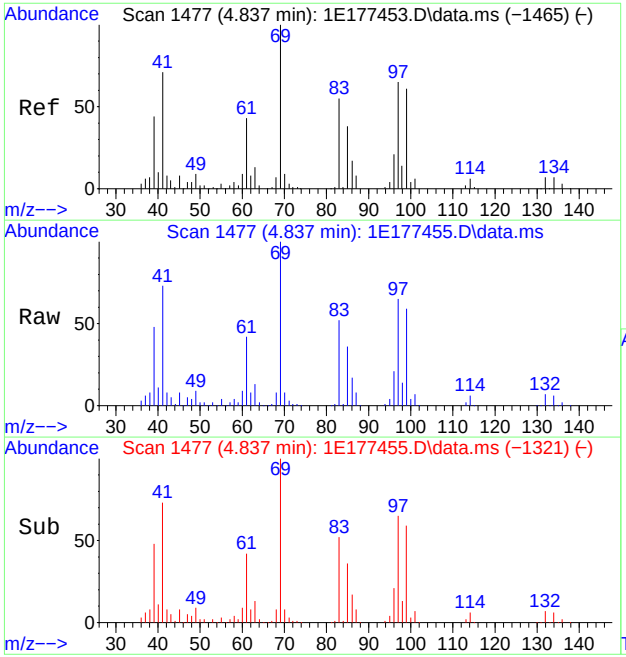


#76
trans-1,3-dichloropropene
Concen: 112.34 ug/L
RT: 4.715 min Scan# 1439
Delta R.T. 0.006 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 75 Resp: 258903

Ion	Ratio	Lower	Upper
75	100		
77	31.3	12.4	52.4
110	25.4	6.3	46.3
112	16.4	0.0	37.7

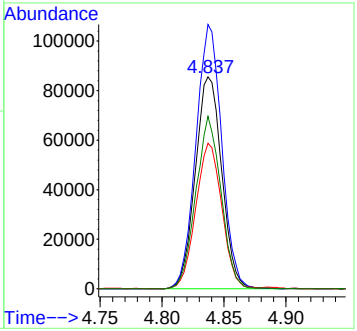


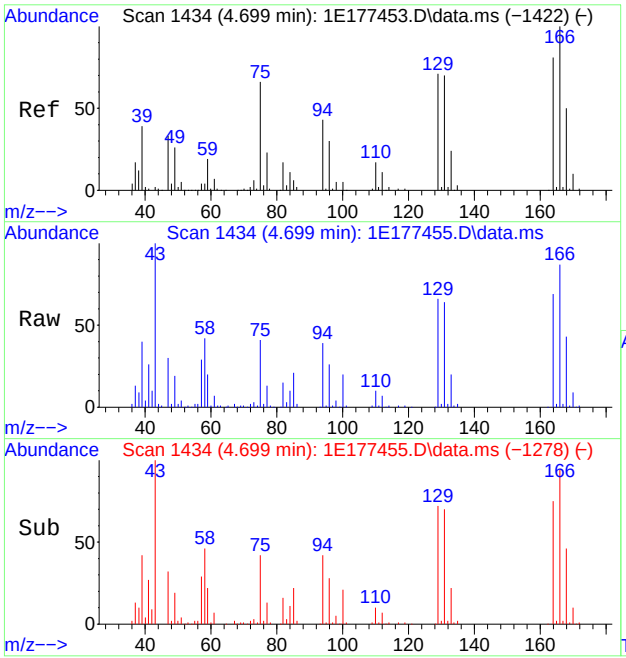


#77
1,1,2-trichloroethane
Concen: 101.96 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 83 Resp: 127290

Ion	Ratio	Lower	Upper
83	100		
97	124.8	97.4	137.4
85	68.6	48.3	88.3
61	81.4	56.7	96.7

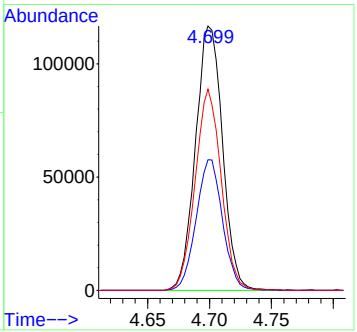


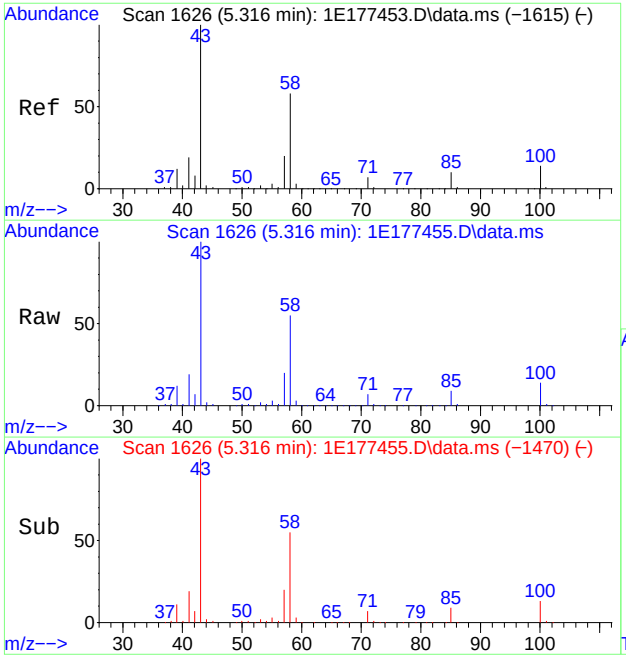


#78
tetrachloroethene
Concen: 105.28 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:166 Resp: 177461

Ion	Ratio	Lower	Upper
166	100		
168	49.5	20.1	80.1
129	76.1	41.0	101.0

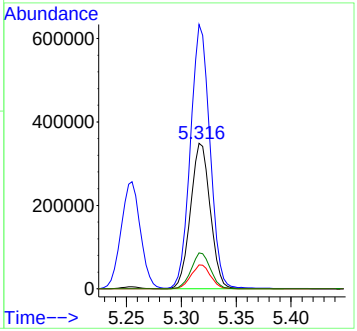


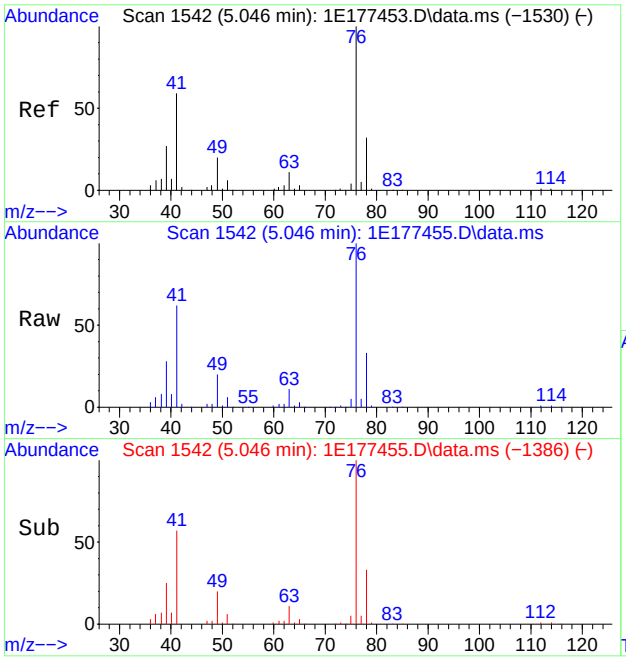


#79
2-hexanone
Concen: 424.83 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 58 Resp: 436711

Ion	Ratio	Lower	Upper
58	100		
43	181.5	153.6	193.6
85	16.5	0.0	37.1
100	24.6	5.0	45.0

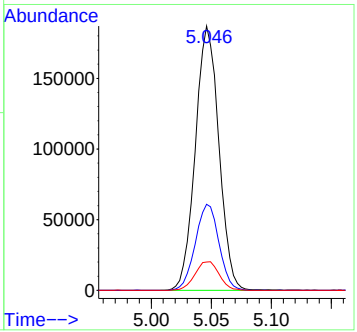


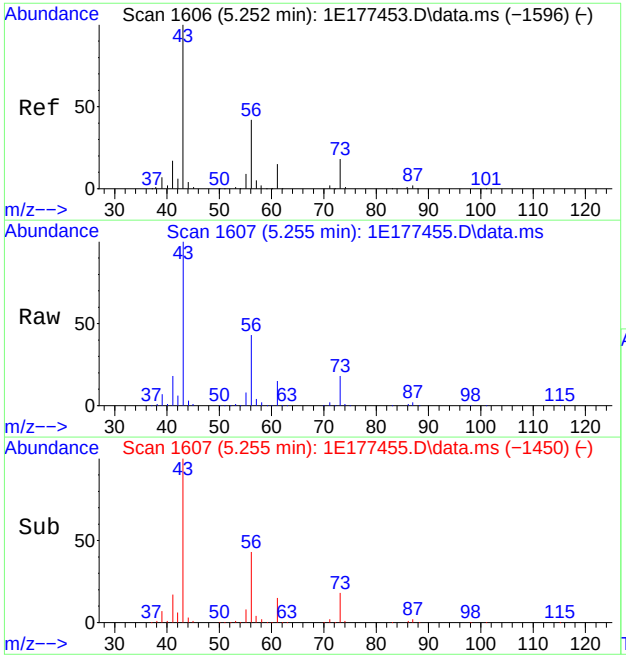


#80
1,3-dichloropropane
Concen: 105.99 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 76 Resp: 254832

Ion	Ratio	Lower	Upper
76	100		
78	32.5	2.4	62.4
63	10.7	0.0	41.1

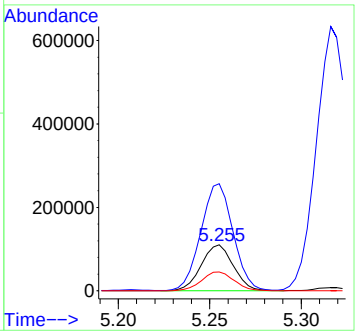


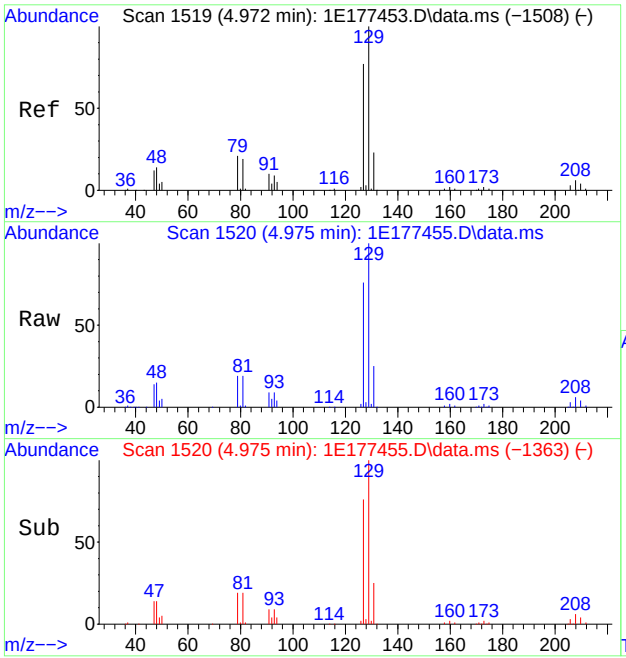


#81
butyl acetate
Concen: 110.51 ug/L
RT: 5.255 min Scan# 1607
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 56 Resp: 134766

Ion	Ratio	Lower	Upper
56	100		
43	232.0	205.8	265.8
73	41.2	13.1	73.1

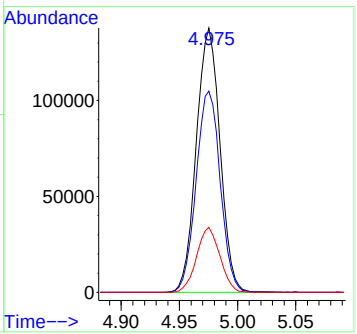


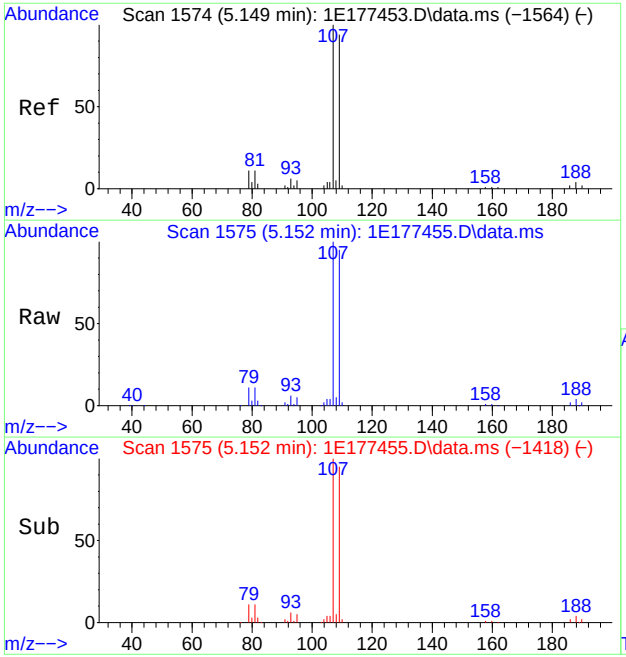


#82
dibromochloromethane
Concen: 106.78 ug/L
RT: 4.975 min Scan# 1520
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:129 Resp: 195769

Ion	Ratio	Lower	Upper
129	100		
127	76.1	47.3	107.3
131	24.6	0.0	52.9

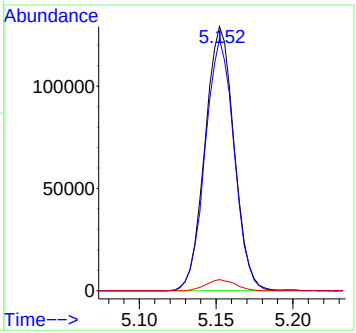


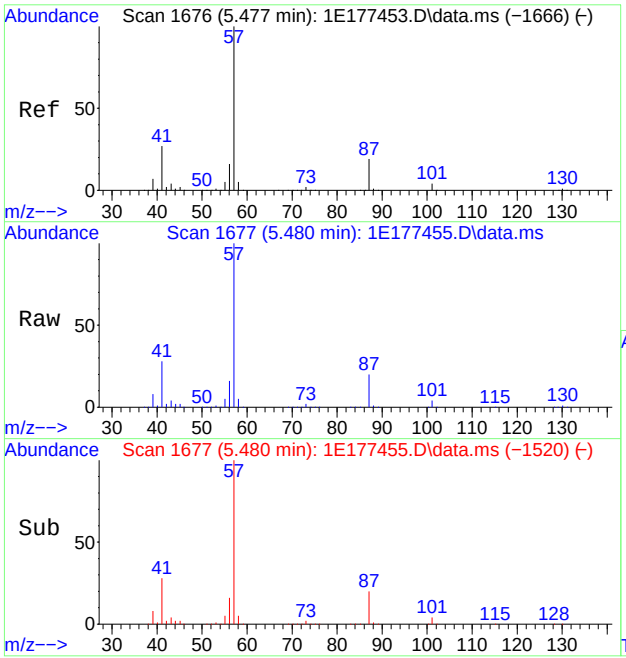


#83
1,2-dibromoethane
Concen: 106.60 ug/L
RT: 5.152 min Scan# 1575
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:107 Resp: 170640

Ion	Ratio	Lower	Upper
107	100		
109	95.2	63.9	123.9
188	4.2	0.0	34.1

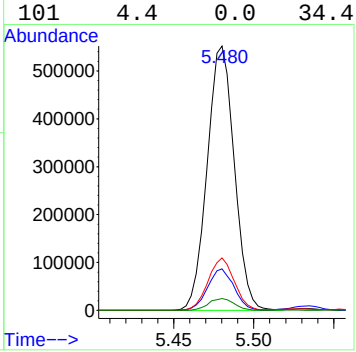


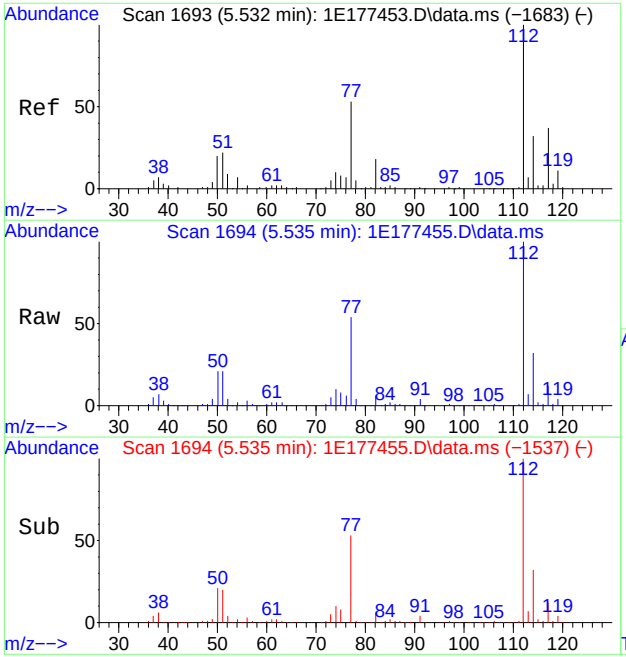


#84
n-butyl ether
Concen: 112.39 ug/L
RT: 5.480 min Scan# 1677
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 57 Resp: 652957

Ion	Ratio	Lower	Upper
57	100		
56	15.7	0.0	45.9
87	19.9	0.0	49.2
101	4.4	0.0	34.4

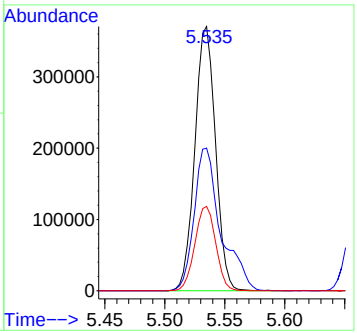


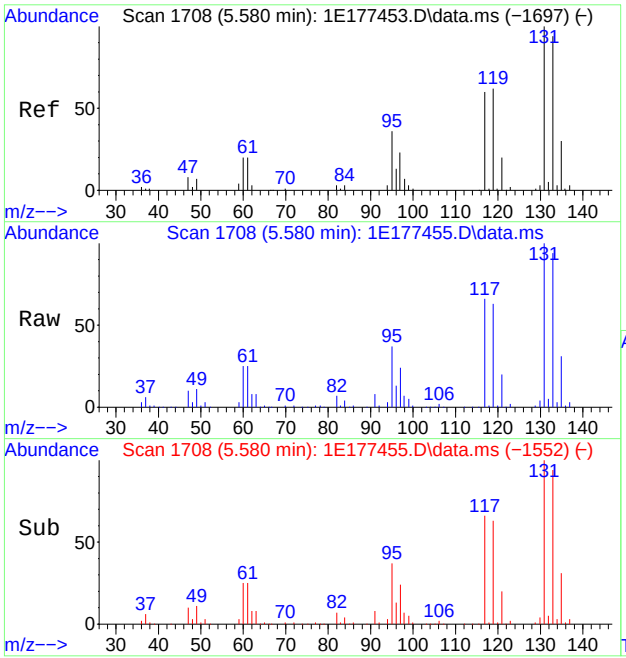


#85
chlorobenzene
Concen: 106.69 ug/L
RT: 5.535 min Scan# 1694
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:112 Resp: 443910

Ion	Ratio	Lower	Upper
112	100		
77	54.0	23.2	83.2
114	31.9	2.3	62.3

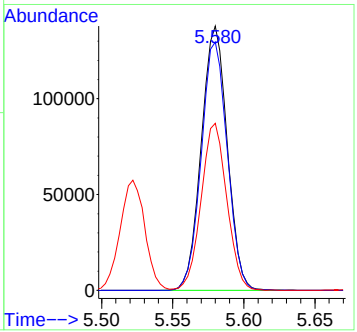


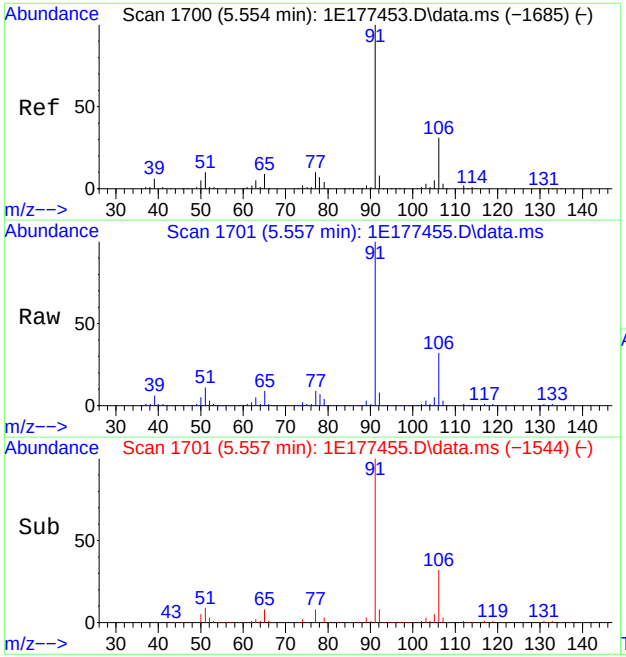


#86
1,1,1,2-tetrachloroethane
Concen: 109.48 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:131 Resp: 175016

Ion	Ratio	Lower	Upper
131	100		
133	93.9	64.5	124.5
119	63.2	33.5	93.5

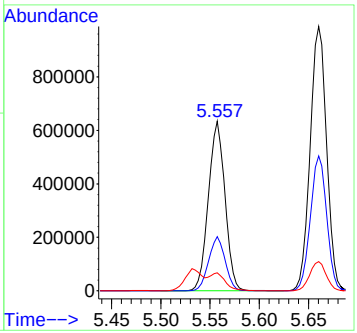


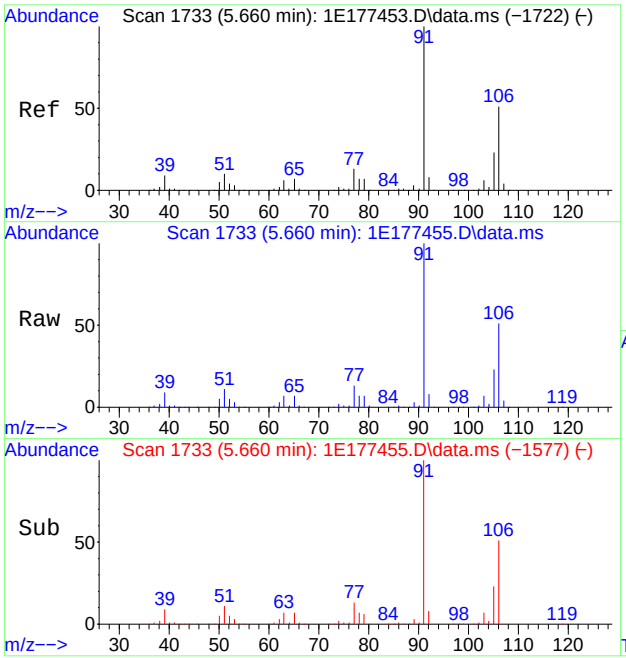


#87
ethylbenzene
Concen: 109.18 ug/L
RT: 5.557 min Scan# 1701
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 91 Resp: 745078

Ion	Ratio	Lower	Upper
91	100		
106	31.9	1.0	61.0
51	10.5	0.0	40.1

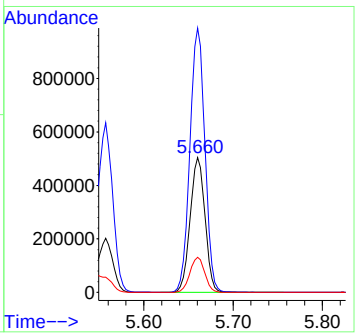


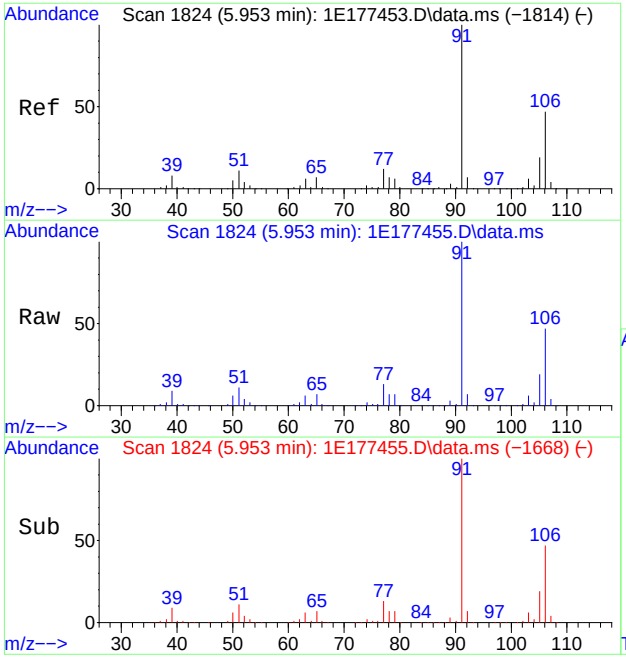


#88
m,p-xylene
Concen: 216.51 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:106 Resp: 582102

Ion	Ratio	Lower	Upper
106	100		
91	196.1	166.4	226.4
77	26.1	5.3	45.3

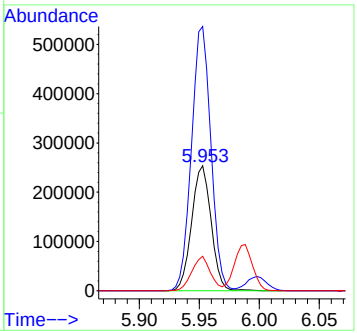


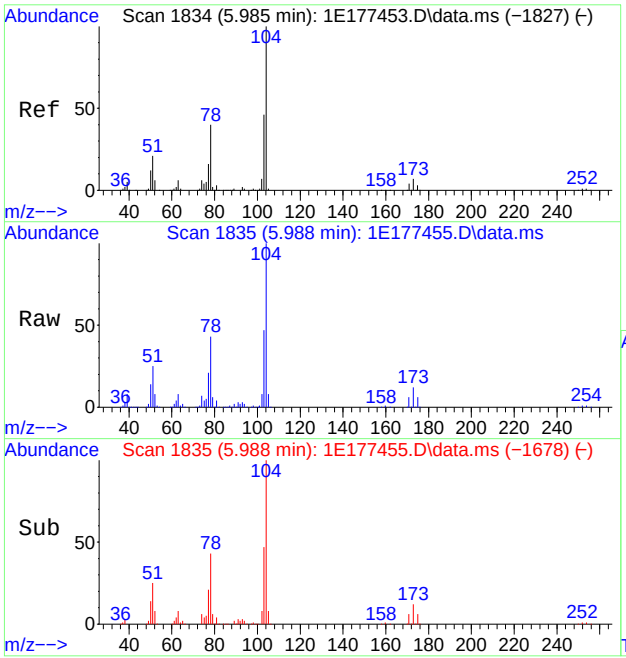


#89
o-xylene
Concen: 108.29 ug/L
RT: 5.953 min Scan# 1824
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:106 Resp: 287686

Ion	Ratio	Lower	Upper
106	100		
91	211.5	184.0	244.0
77	27.5	6.6	46.6

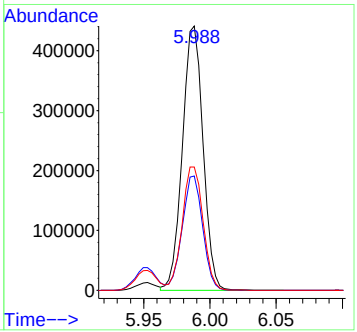


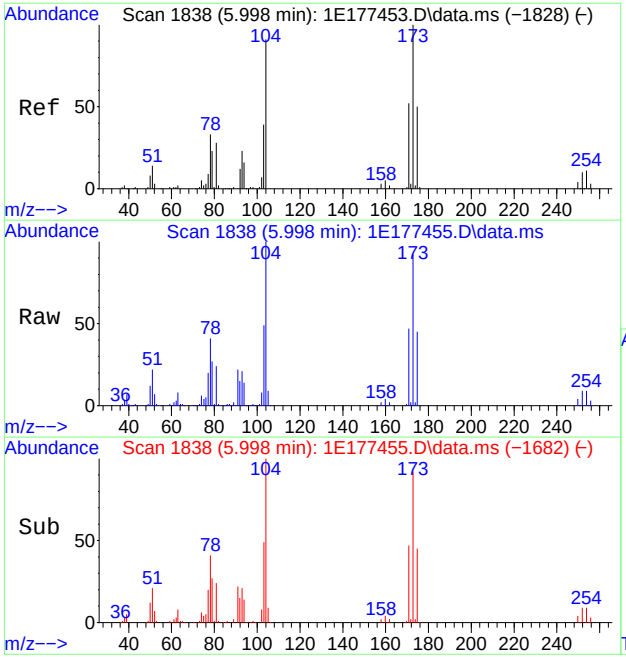


#90
styrene
Concen: 107.93 ug/L
RT: 5.988 min Scan# 1835
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:104 Resp: 479232

Ion	Ratio	Lower	Upper
104	100		
78	43.2	12.2	72.2
103	46.6	18.0	78.0

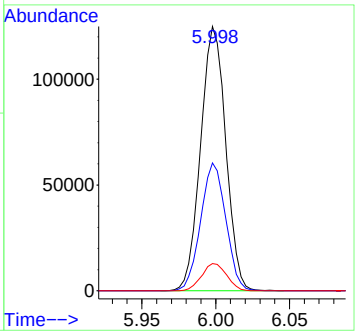


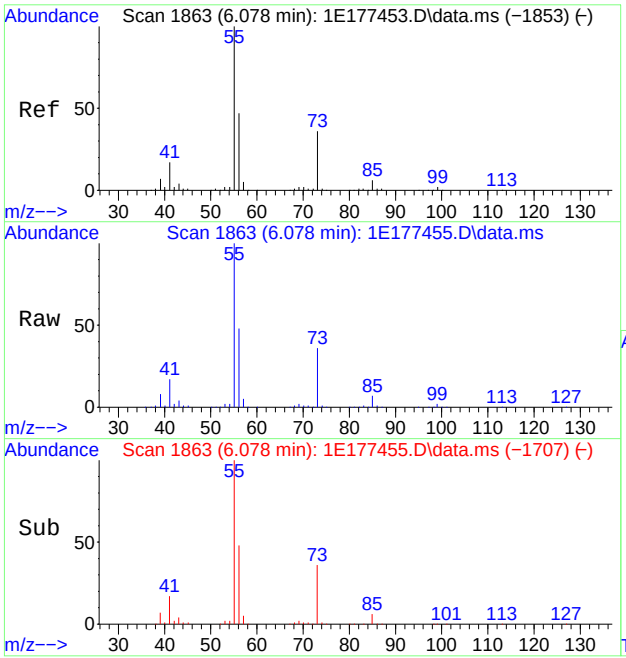


#91
bromoform
Concen: 111.40 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:173 Resp: 147836

Ion	Ratio	Lower	Upper
173	100		
175	48.4	20.2	80.2
254	10.3	0.0	40.9

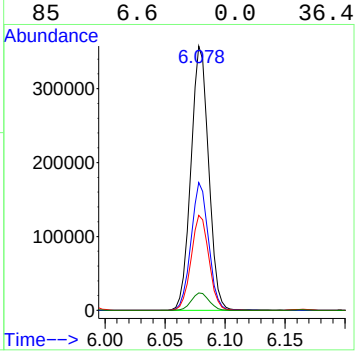


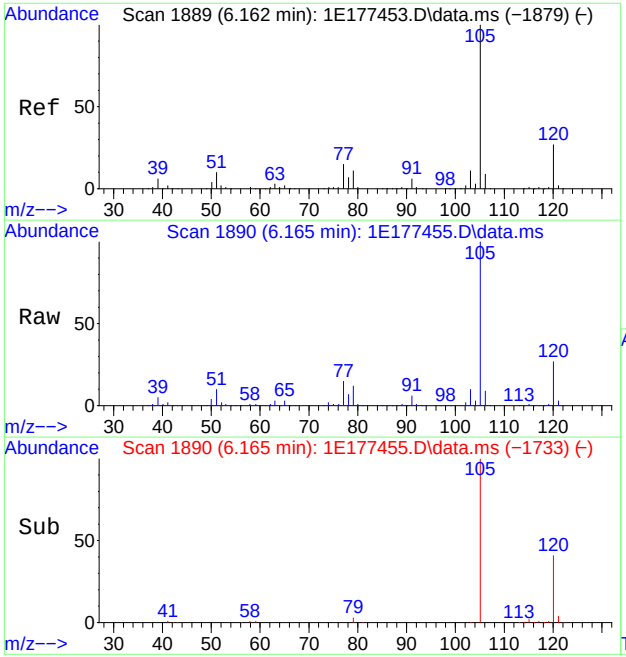


#92
butyl acrylate
Concen: 112.59 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 55 Resp: 367642

Ion	Ratio	Lower	Upper
55	100		
56	48.3	17.5	77.5
73	36.0	5.8	65.8
85	6.6	0.0	36.4

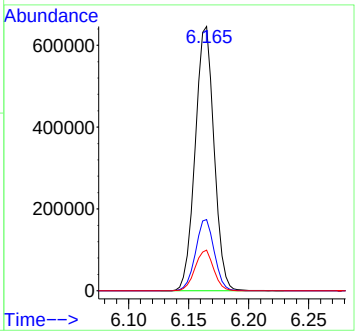


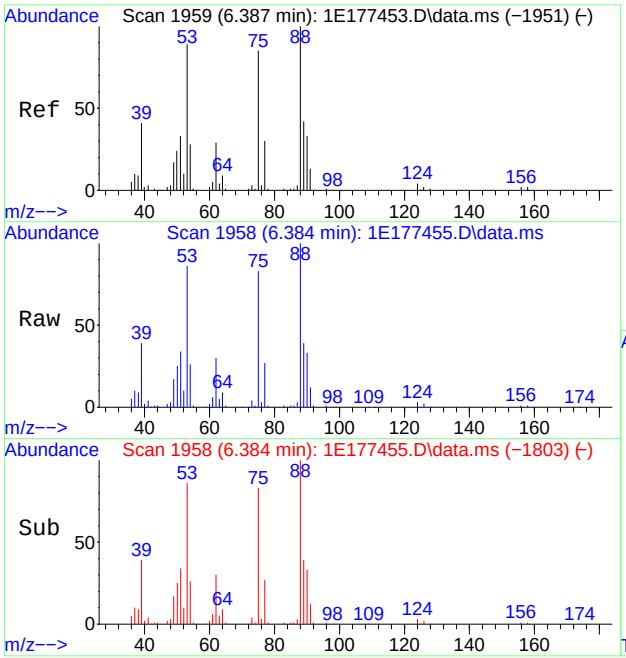


#93
isopropylbenzene
Concen: 110.35 ug/L
RT: 6.165 min Scan# 1890
Delta R.T. 0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:105 Resp: 706807

Ion	Ratio	Lower	Upper
105	100		
120	26.9	6.8	46.8
77	15.3	0.0	34.9

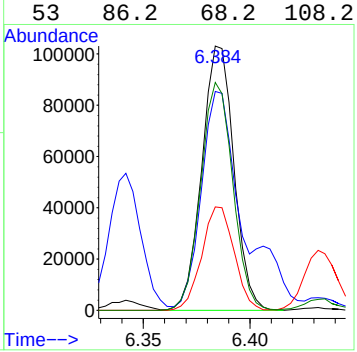


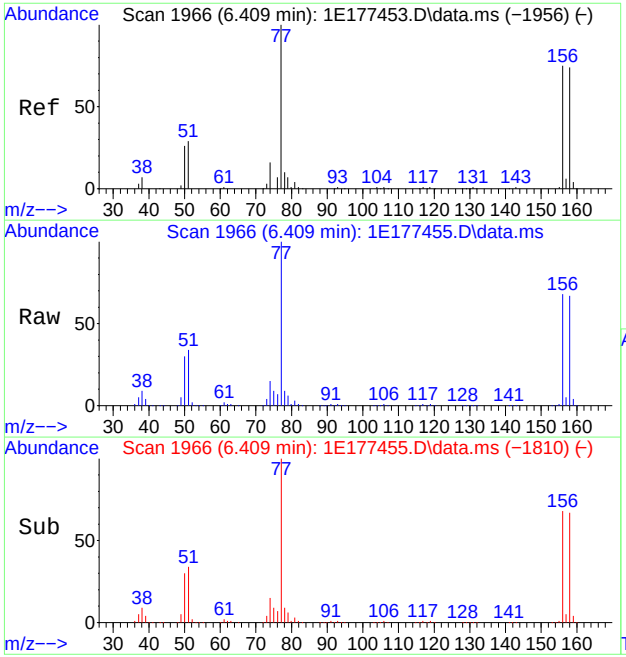


#94
cis-1,4-dichloro-2-butene
Concen: 124.90 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 88 Resp: 108013

Ion	Ratio	Lower	Upper
88	100		
75	78.9	64.1	104.1
89	39.2	22.2	62.2
53	86.2	68.2	108.2

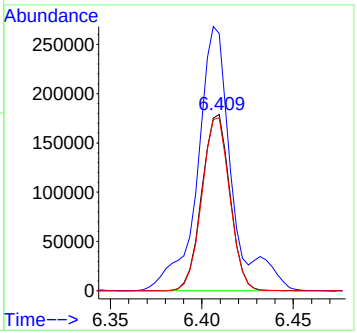


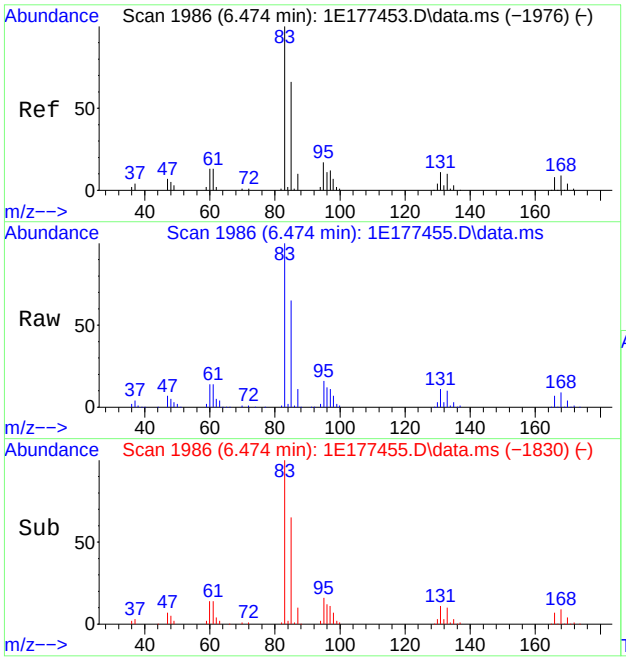


#97
bromobenzene
Concen: 110.54 ug/L
RT: 6.409 min Scan# 1966
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:156 Resp: 192172

Ion	Ratio	Lower	Upper
156	100		
77	141.2	106.4	166.4
158	98.2	68.2	128.2

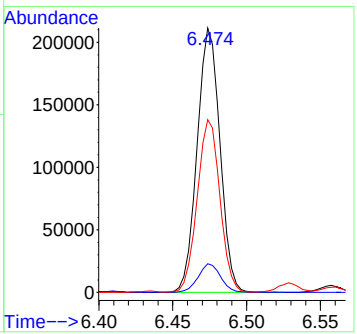


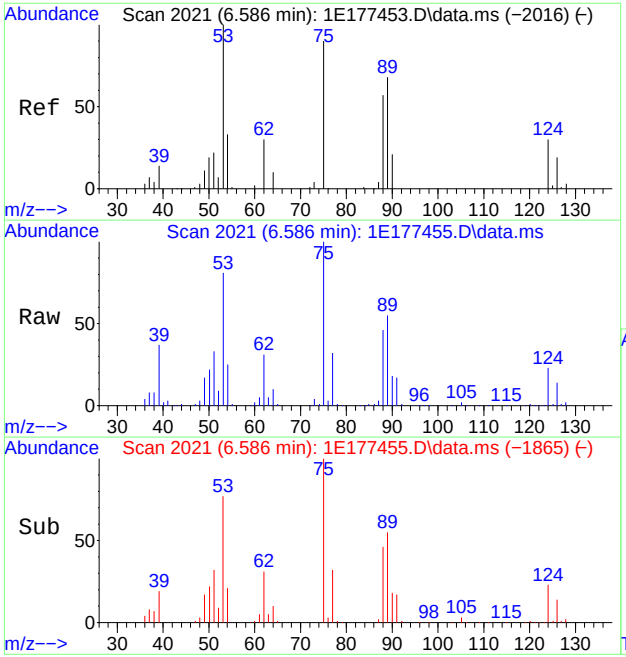


#98
1,1,2,2-tetrachloroethane
Concen: 107.38 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 83 Resp: 226432

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	41.0
85	65.2	36.4	96.4

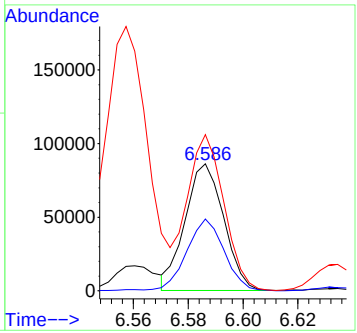


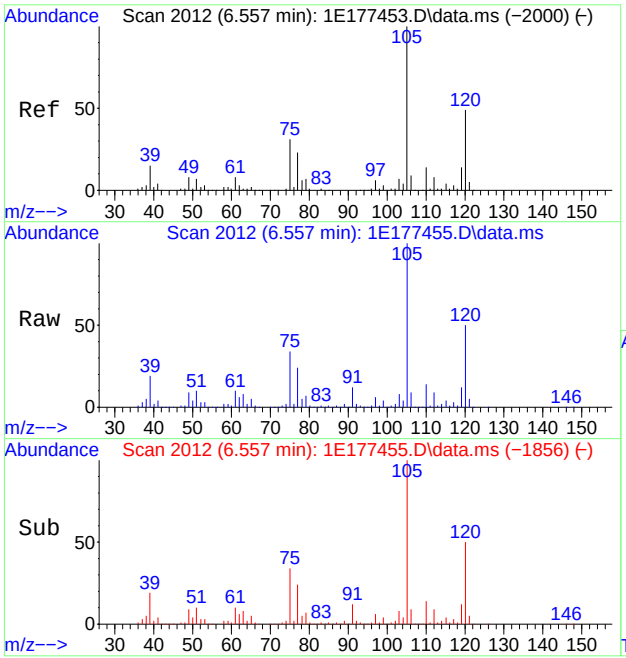


#99
trans-1,4-dichloro-2-butene
Concen: 122.32 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 53 Resp: 84334

Ion	Ratio	Lower	Upper
53	100		
88	56.7	22.7	82.7
75	122.5	94.8	154.8

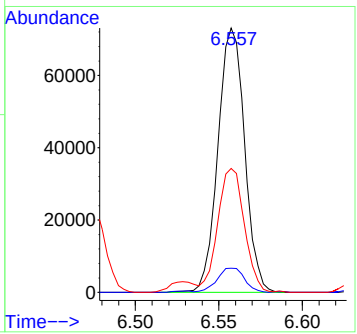


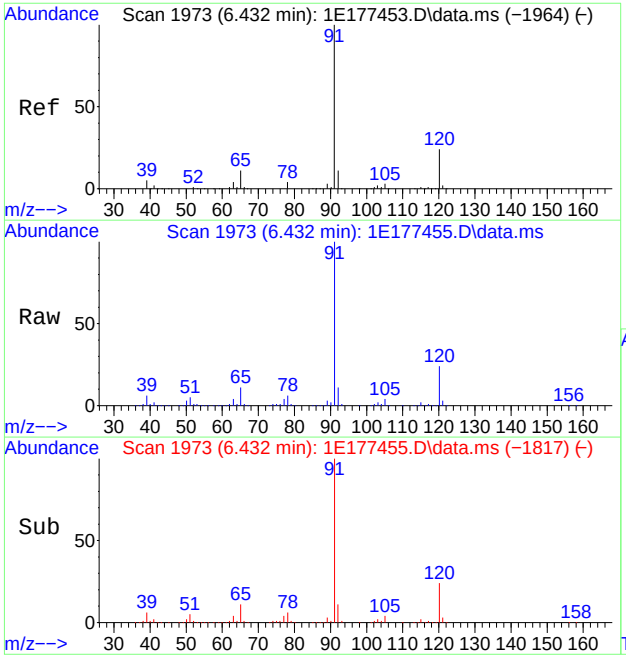


#100
1,2,3-trichloropropane
Concen: 104.38 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:110 Resp: 81208

Ion	Ratio	Lower	Upper
110	100		
111	9.1	0.0	38.2
97	46.6	14.3	74.3

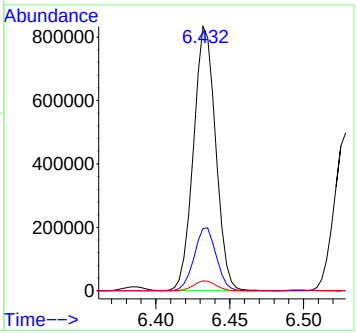


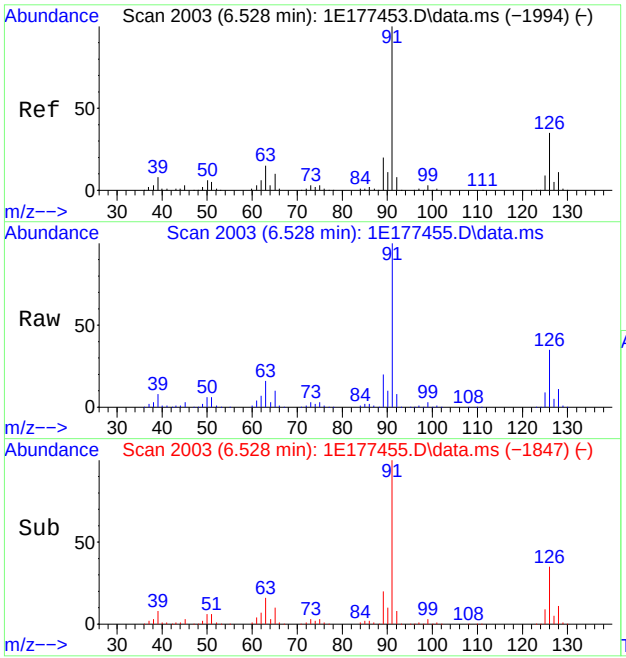


#101
n-propylbenzene
Concen: 113.07 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 91 Resp: 867611

Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	53.6
105	3.6	0.0	33.5

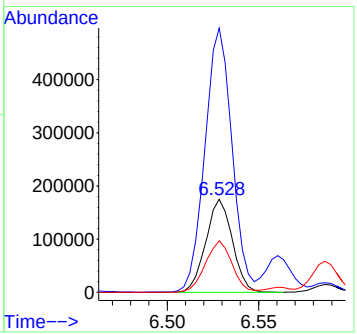


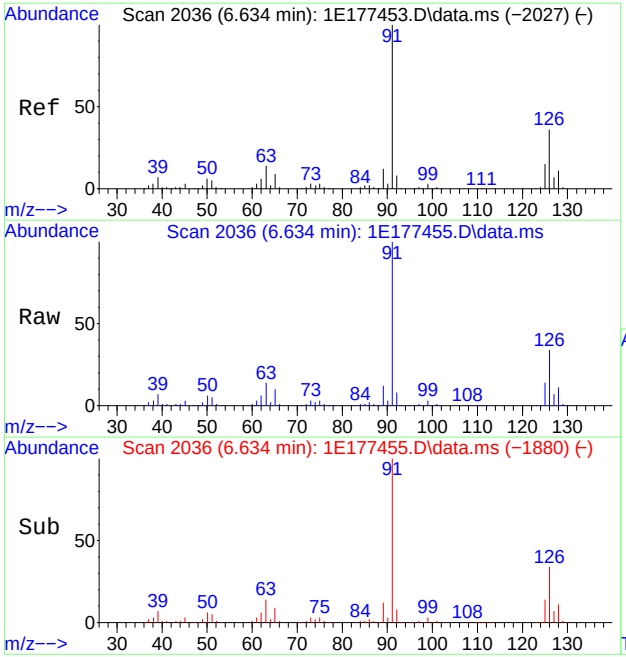


#102
2-chlorotoluene
Concen: 108.80 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:126 Resp: 178254

Ion	Ratio	Lower	Upper
126	100		
91	283.8	257.7	317.7
89	55.5	26.9	86.9

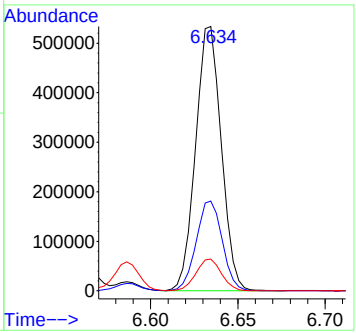


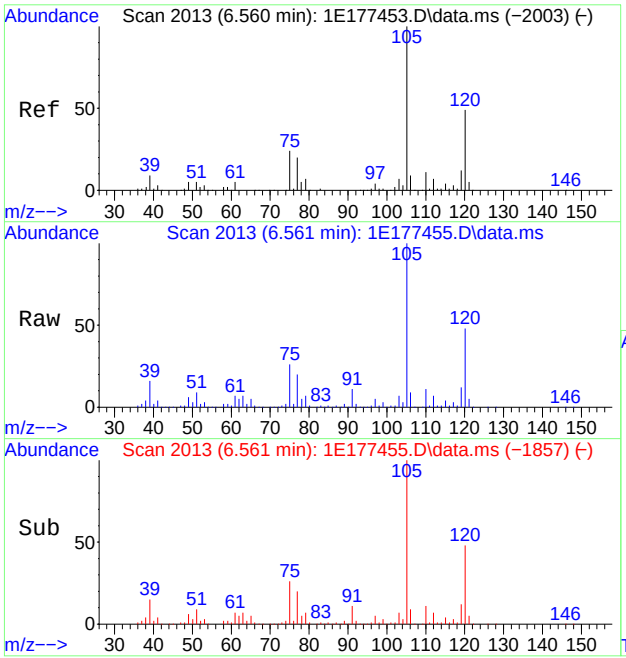


#103
4-chlorotoluene
Concen: 110.56 ug/L
RT: 6.634 min Scan# 2036
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion: 91 Resp: 547733

Ion	Ratio	Lower	Upper
91	100		
126	34.0	5.7	65.7
89	12.1	0.0	41.7

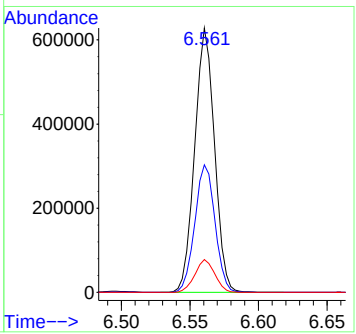


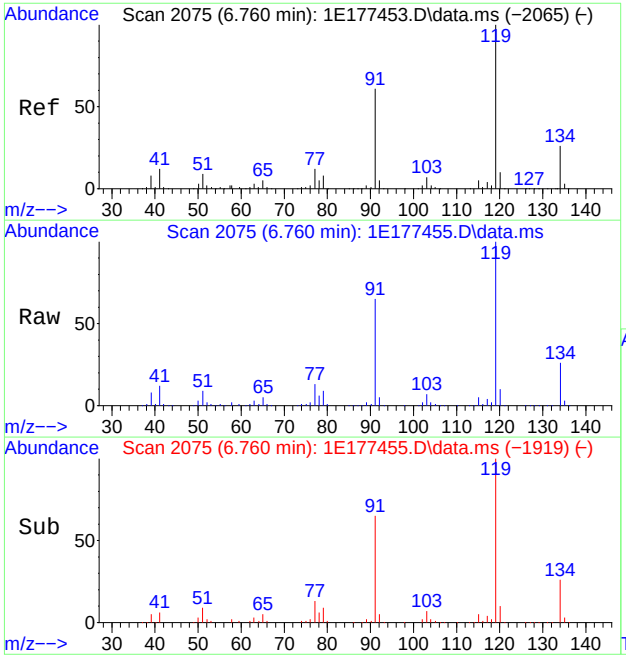


#104
1,3,5-trimethylbenzene
Concen: 113.29 ug/L
RT: 6.561 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:105 Resp: 630658

Ion	Ratio	Lower	Upper
105	100		
120	48.2	18.8	78.8
119	12.4	0.0	42.5

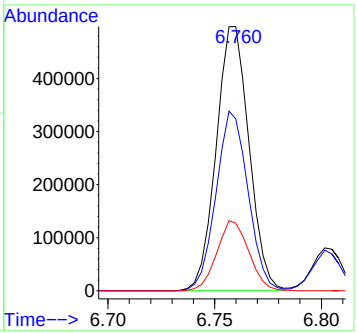


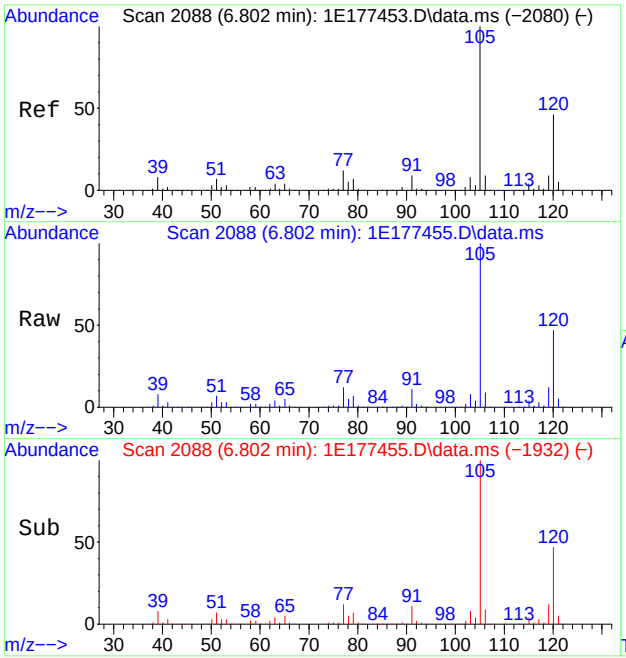


#105
tert-butylbenzene
Concen: 111.15 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:119 Resp: 534402

Ion	Ratio	Lower	Upper
119	100		
91	65.0	30.8	90.8
134	25.5	0.0	55.6

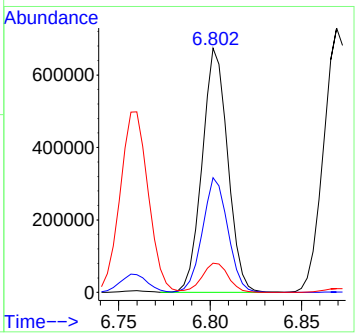


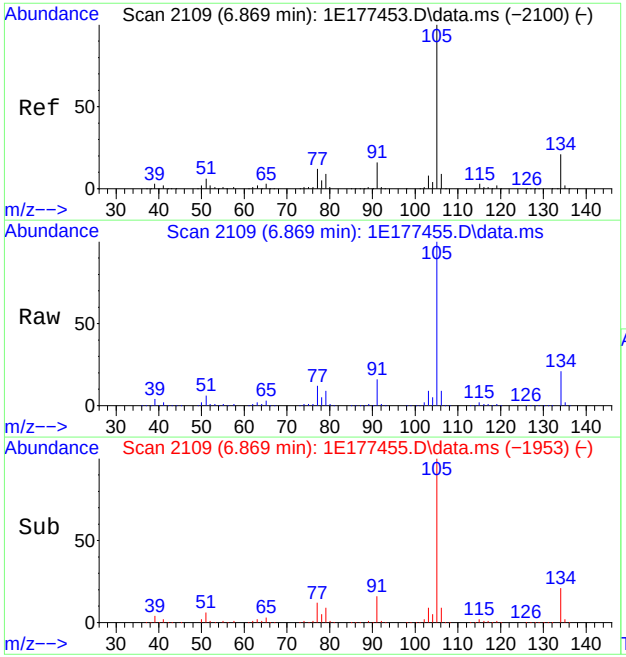


#106
1,2,4-trimethylbenzene
Concen: 115.43 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:105 Resp: 659770

Ion	Ratio	Lower	Upper
105	100		
120	46.9	16.7	76.7
119	12.0	0.0	42.3

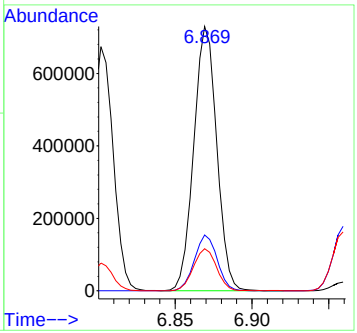


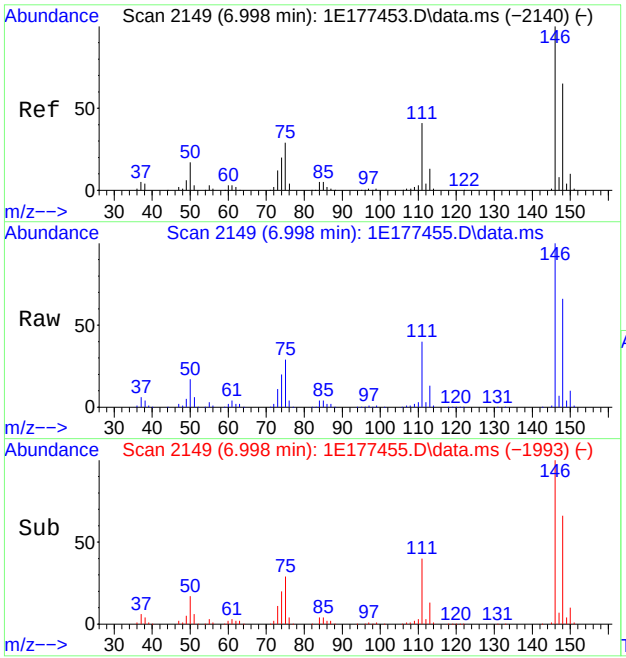


#107
sec-butylbenzene
Concen: 112.76 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:105 Resp: 760422

Ion	Ratio	Lower	Upper
105	100		
134	21.1	0.0	51.2
91	16.0	0.0	46.0

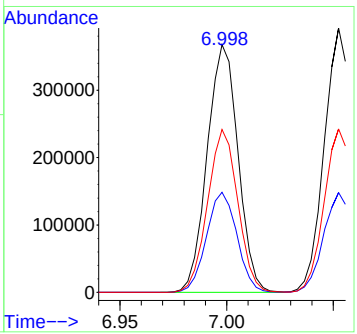


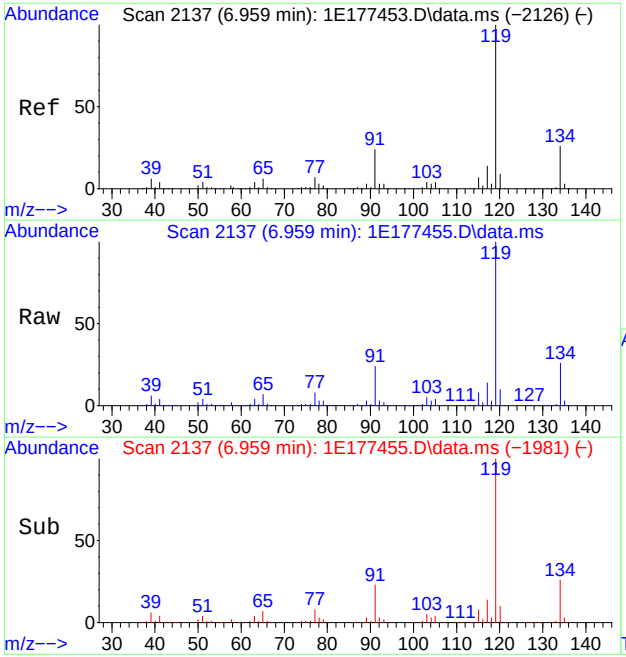


#108
1,3-dichlorobenzene
Concen: 111.19 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:146 Resp: 370730

Ion	Ratio	Lower	Upper
146	100		
111	40.4	11.3	71.3
148	65.7	34.9	94.9

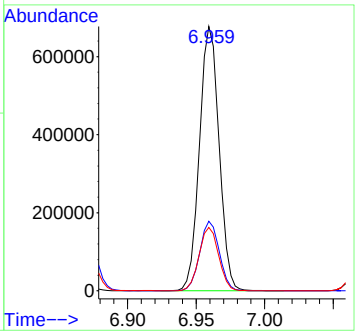


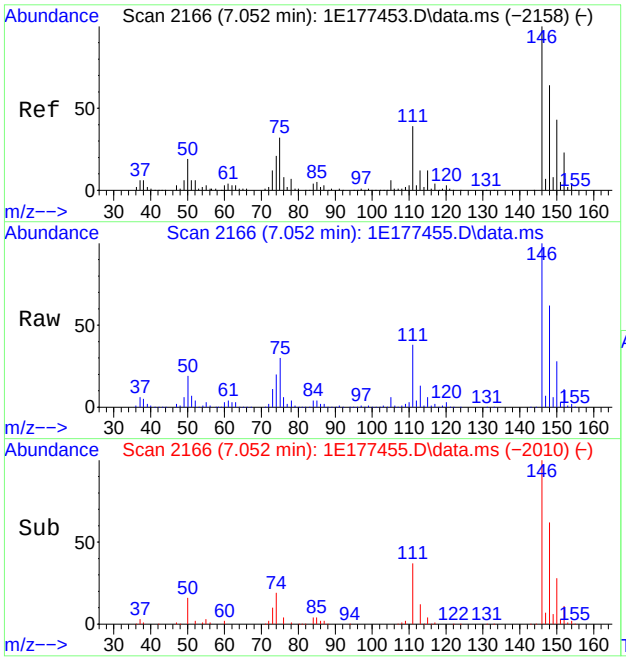


#109
p-isopropyltoluene
Concen: 117.88 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:119 Resp: 672666

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	56.2
91	24.0	0.0	53.6

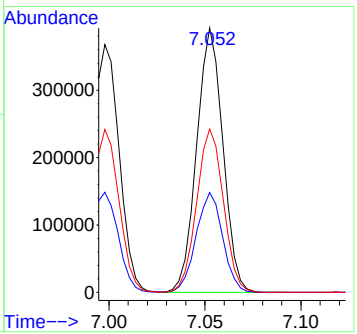




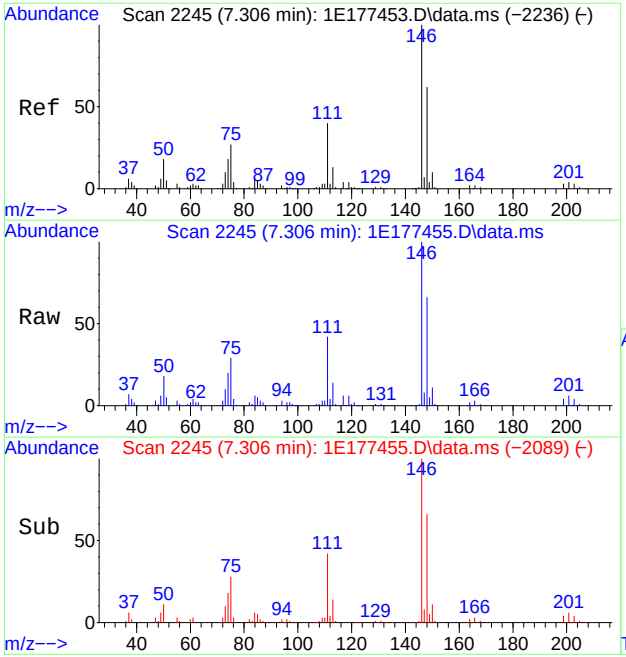
#110
1,4-dichlorobenzene
Concen: 103.66 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:146 Resp: 373884

Ion	Ratio	Lower	Upper
146	100		
111	37.8	9.4	69.4
148	61.8	34.4	94.4



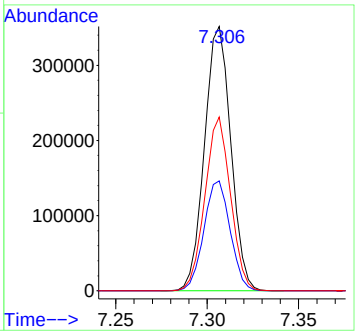
7.6.9

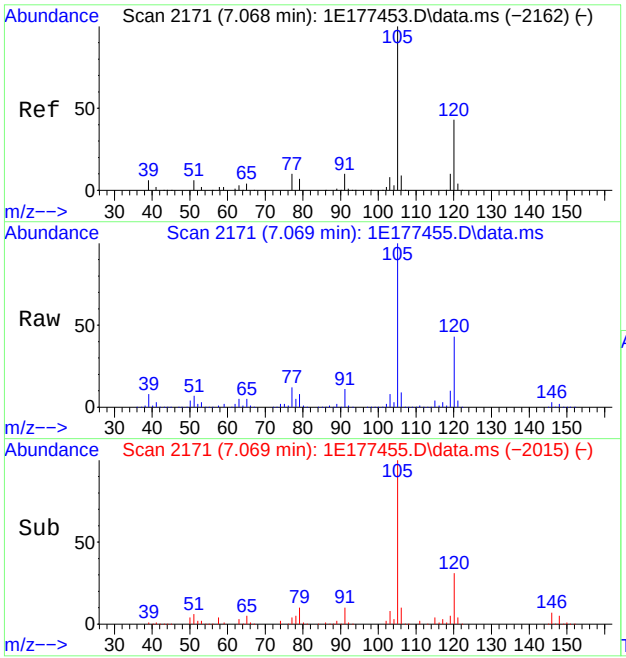


#111
1,2-dichlorobenzene
Concen: 105.50 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:146 Resp: 354640

Ion	Ratio	Lower	Upper
146	100		
111	41.5	10.1	70.1
148	65.7	31.9	91.9

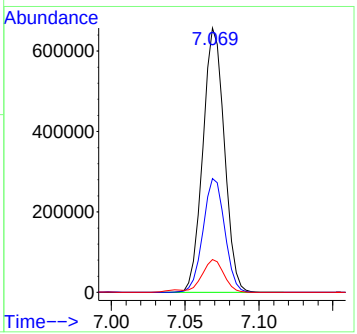


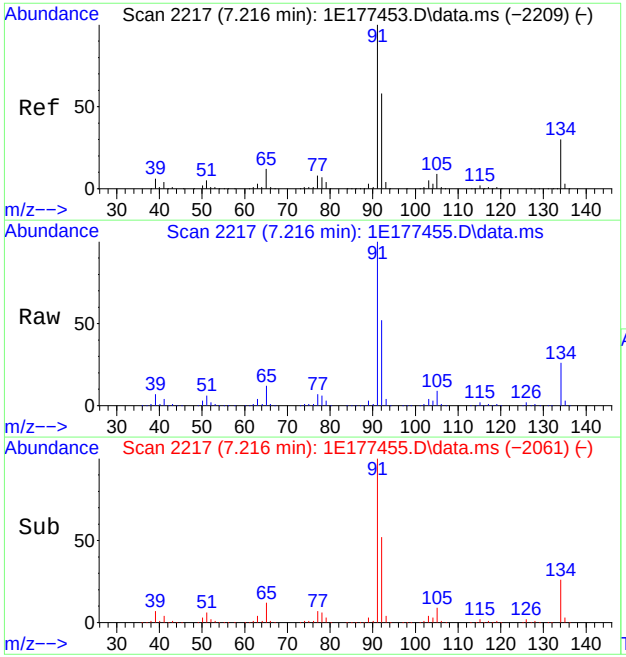


#112
1,2,3-trimethylbenzene
Concen: 111.38 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:105 Resp: 662899

Ion	Ratio	Lower	Upper
105	100		
120	43.1	13.3	73.3
77	12.4	0.0	41.9

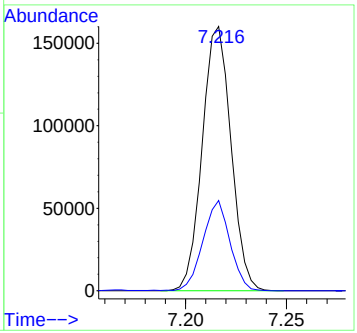


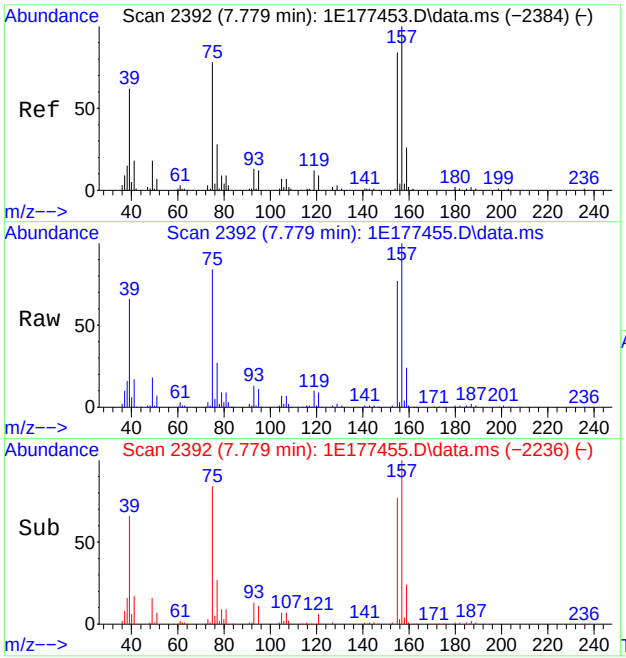


#113
n-butylbenzene
Concen: 116.25 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:134 Resp: 158942

Ion	Ratio	Lower	Upper
134	100		
105	34.1	0.7	60.7

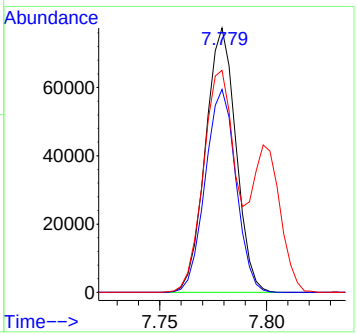


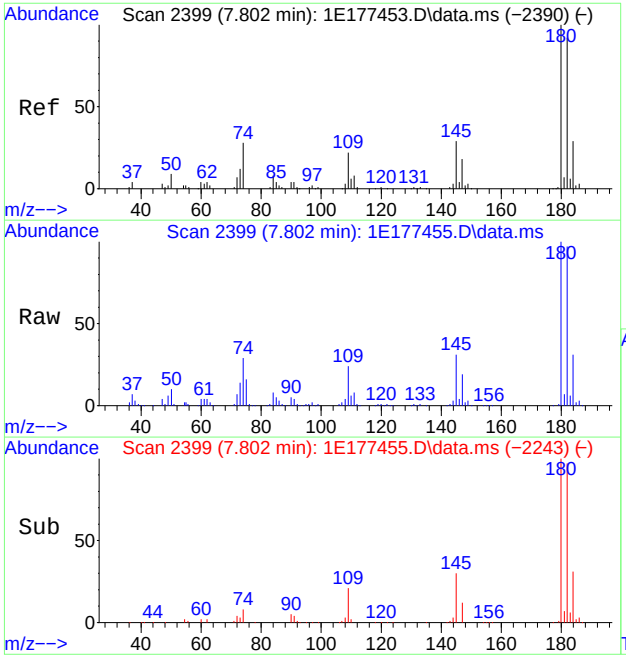


#114
1,2-dibromo-3-chloropropane
Concen: 105.39 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:157 Resp: 77105

Ion	Ratio	Lower	Upper
157	100		
155	76.8	54.1	114.1
75	83.9	48.2	108.2

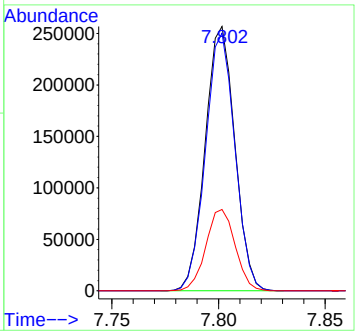


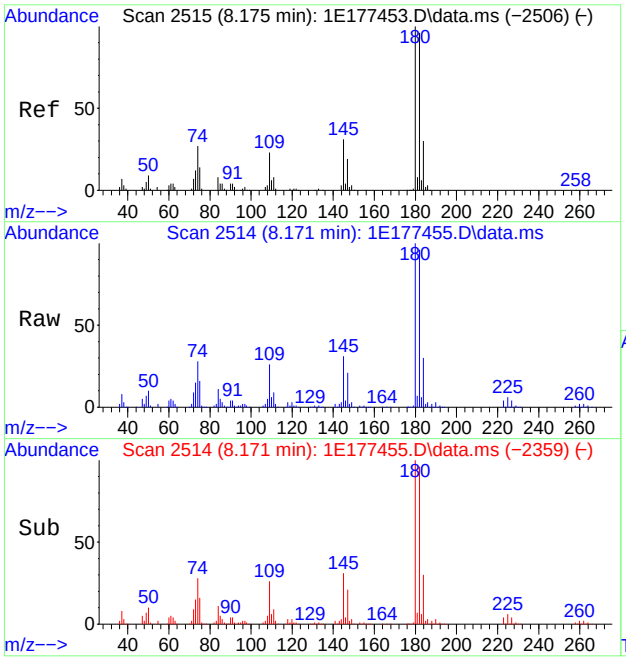


#115
1,3,5-trichlorobenzene
Concen: 109.03 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:180 Resp: 248994

Ion	Ratio	Lower	Upper
180	100		
182	97.4	71.6	111.6
184	30.7	9.2	49.2

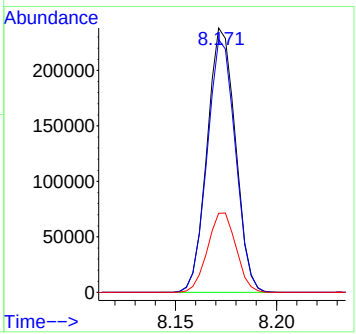


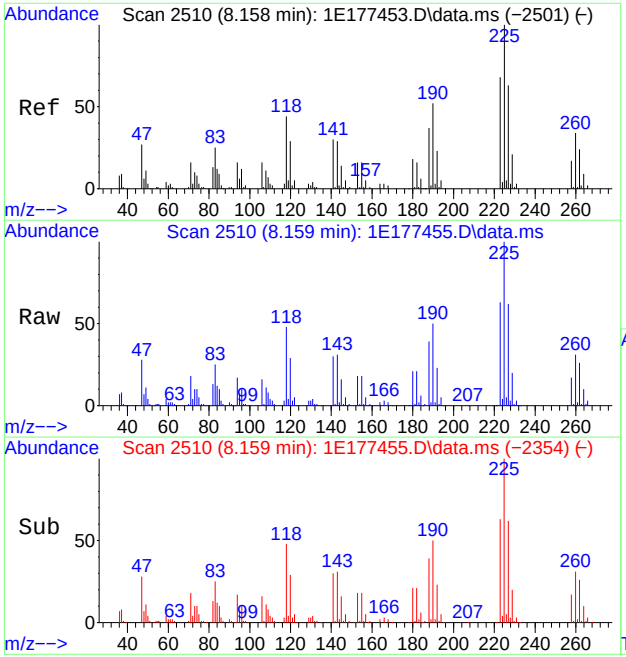


#116
1,2,4-trichlorobenzene
Concen: 107.47 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:180 Resp: 231994

Ion	Ratio	Lower	Upper
180	100		
182	95.6	65.8	125.8
184	30.0	0.0	59.9

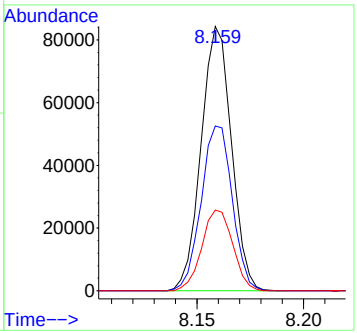


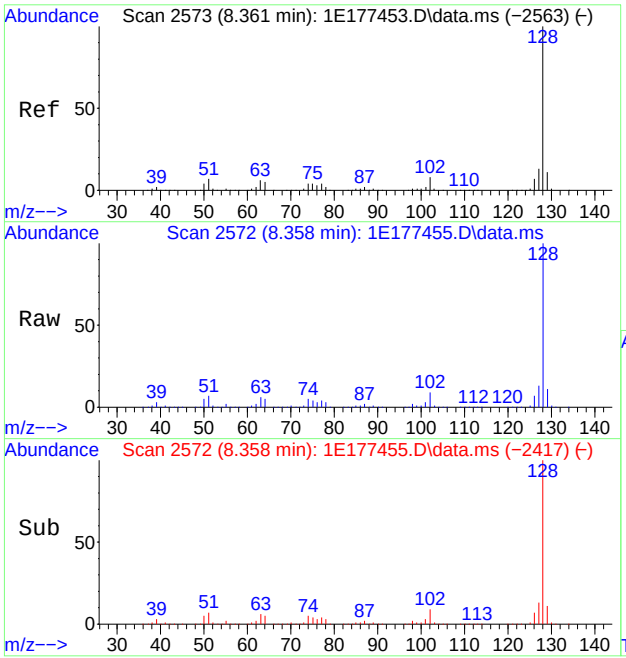


#117
hexachlorobutadiene
Concen: 108.83 ug/L
RT: 8.159 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:225 Resp: 83437

Ion	Ratio	Lower	Upper
225	100		
227	62.4	32.9	92.9
260	30.6	3.9	63.9

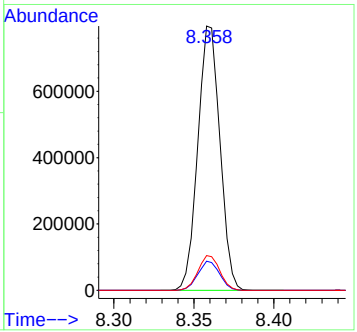


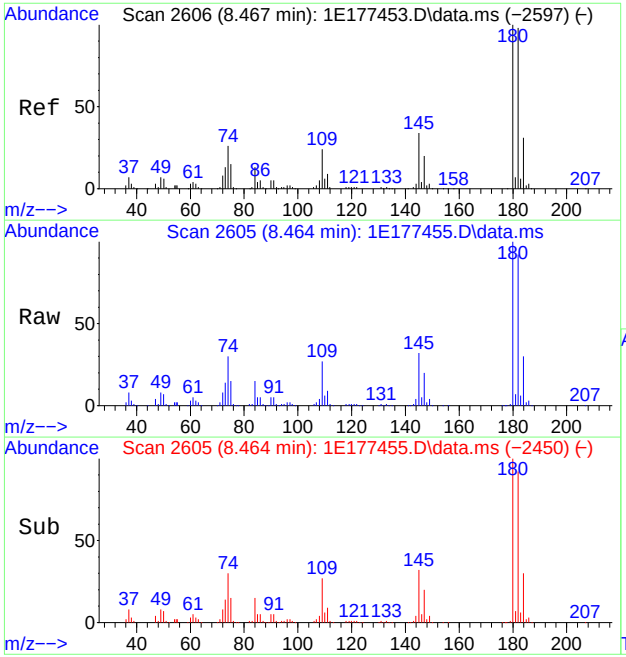


#118
naphthalene
Concen: 108.07 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:128 Resp: 766473

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.8
127	13.2	0.0	42.7

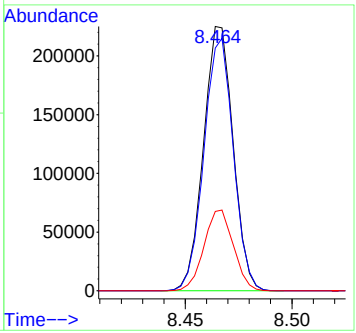


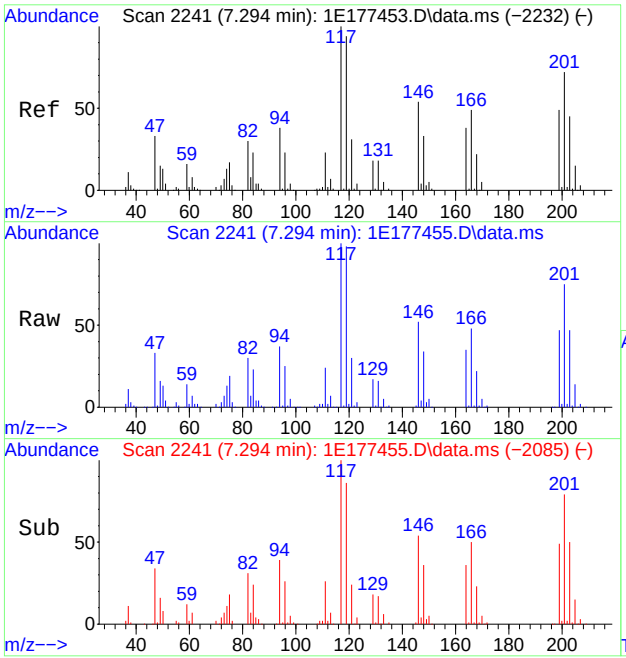


#119
1,2,3-trichlorobenzene
Concen: 105.91 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:180 Resp: 217745

Ion	Ratio	Lower	Upper
180	100		
182	91.8	67.6	127.6
184	30.0	1.0	61.0

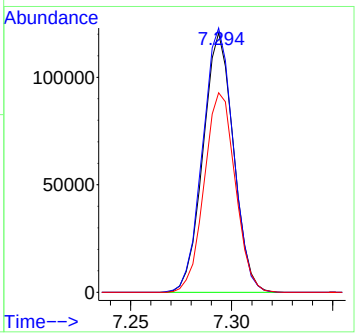


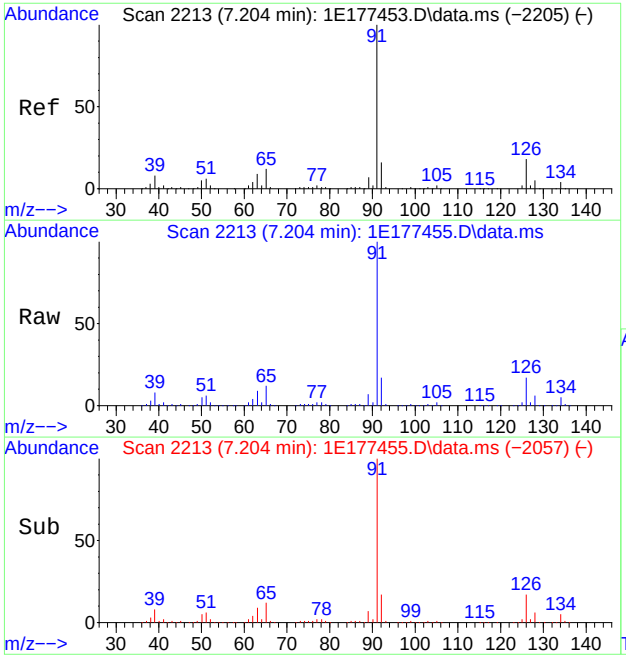


#120
hexachloroethane
Concen: 123.62 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:119 Resp: 126135

Ion	Ratio	Lower	Upper
119	100		
117	101.9	75.9	135.9
201	76.9	46.7	106.7

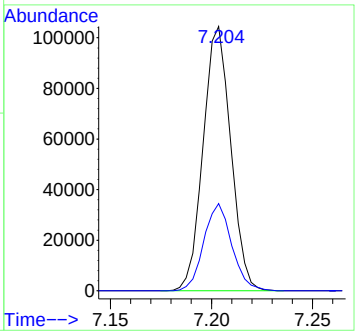


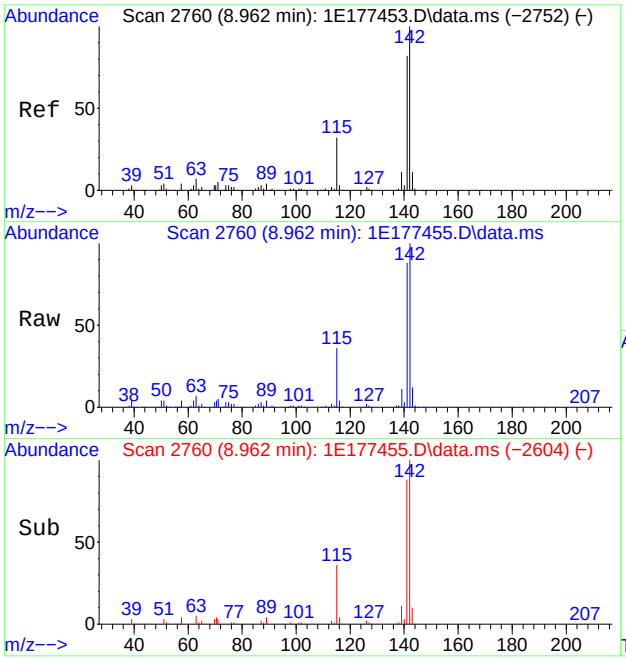


#121
benzyl chloride
Concen: 112.83 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:126 Resp: 99205

Ion	Ratio	Lower	Upper
126	100		
128	33.0	0.9	60.9

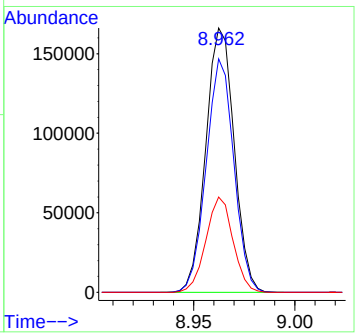




#122
2-methylnaphthalene
Concen: 52.43 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177455.D
Acq: 26 Oct 2023 07:58 pm

Tgt Ion:142 Resp: 162266

Ion	Ratio	Lower	Upper
142	100		
141	88.3	52.4	112.4
115	36.1	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177457.D
Acq On : 26 Oct 2023 08:26 pm
Operator : louied
Sample : ic8736-200
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 17:41:11 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.078	65	92270	500.00	ug/L		0.00
5) pentafluorobenzene	3.094	168	119191	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.426	114	235882	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	221155	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	117272	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.844	113	75724	47.32	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 94.64%				
51) 1,2-dichloroethane-d4 (s)	3.149	65	87652	54.61	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 109.22%				
73) toluene-d8 (s)	4.361	98	278207	50.35	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.70%				
96) 4-bromofluorobenzene (s)	6.342	95	111932	53.73	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 107.46%				
Target Compounds							Qvalue
2) ethanol	1.657	45	203553	14429.59	ug/L		96
3) tertiary butyl alcohol	2.114	59	287986	1009.71	ug/L		96
4) 1,4-dioxane	3.924	88	59643	4695.65	ug/L		90
6) chlorodifluoromethane	1.088	51	348847	210.61	ug/L		96
7) dichlorodifluoromethane	1.049	85	428452	209.49	ug/L		96
8) chloromethane	1.172	50	262772	221.18	ug/L		99
9) vinyl chloride	1.191	62	320336	222.15	ug/L		97
10) 1,3-butadiene	1.201	39	239552	189.62	ug/L		99
11) bromomethane	1.348	96	172916	488.06	ug/L	#	95
12) chloroethane	1.406	64	207763	229.46	ug/L		96
13) trichlorofluoromethane	1.471	101	539519	231.08	ug/L		96
14) ethyl ether	1.606	74	158841	204.19	ug/L		95
15) acrolein	1.853	56	59258	180.90	ug/L		98
16) freon 113	1.715	151	230990	223.38	ug/L		97
17) 1,1-dichloroethene	1.705	61	399500	216.84	ug/L		98
18) acetone	1.982	58	266692	731.01	ug/L		92
19) acetonitrile	2.207	41	358384	1757.04	ug/L		98
21) carbon disulfide	1.731	76	687466	204.42	ug/L		99
22) methylene chloride	1.966	84	265850	191.23	ug/L		99
23) methyl acetate	2.037	74	76806	215.37	ug/L	#	84
24) methyl tert butyl ether	2.085	73	891525	203.80	ug/L		92
25) trans-1,2-dichloroethene	2.040	61	387931	213.70	ug/L		97
26) hexane	2.075	57	623150	202.93	ug/L		98
27) di-isopropyl ether	2.258	45	926950	210.66	ug/L		99
28) ethyl tert-butyl ether	2.442	59	1010912	214.45	ug/L		98
29) 2-butanone	2.905	72	322311	816.41	ug/L		99
30) 1,1-dichloroethane	2.336	63	526208	206.80	ug/L		99
31) chloroprene	2.323	53	477368	216.64	ug/L		94
32) acrylonitrile	2.358	52	130702	208.20	ug/L		96
33) vinyl acetate	2.442	86	54847	177.28	ug/L	#	87
34) ethyl acetate	2.792	70	50089	217.05	ug/L		89
35) 2,2-dichloropropane	2.667	77	441138	206.39	ug/L		100
36) cis-1,2-dichloroethene	2.606	96	326118	204.99	ug/L		95
37) propionitrile	3.078	54	664444	1960.53	ug/L		96
38) methyl acrylate	2.805	85	77360	213.91	ug/L	#	86
39) bromochloromethane	2.712	128	155416	188.83	ug/L		99
40) tetrahydrofuran	2.837	71	63758	210.31	ug/L		98
41) chloroform	2.741	47	158676	202.86	ug/L		99
43) methacrylonitrile	3.088	67	172113	191.08	ug/L		92
44) 1,1,1-trichloroethane	2.866	97	533622	216.11	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177457.D
Acq On : 26 Oct 2023 08:26 pm
Operator : louied
Sample : ic8736-200
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 17:41:11 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	466873	219.28	ug/L		94
46) 1,1-dichloropropene	2.934	75	420107	215.35	ug/L		98
47) carbon tetrachloride	2.834	117	485595	209.20	ug/L		99
48) isobutyl alcohol	3.159	43	171087	1827.26	ug/L		95
49) tert-amyl alcohol	3.226	55	109607	1074.94	ug/L		96
52) iso-octane	2.988	57	992981	228.48	ug/L		96
53) benzene	3.075	78	1144423	214.45	ug/L		99
54) tert-amyl methyl ether	3.127	73	966622	219.67	ug/L		98
55) heptane	3.040	57	182844	224.82	ug/L		94
56) isopropyl acetate	3.310	87	106614	223.05	ug/L	#	82
57) 1,2-dichloroethane	3.188	62	469309	215.70	ug/L		100
58) n-butyl alcohol	3.593	56	560685	10451.18	ug/L		98
59) ethyl acrylate	3.741	55	565994	226.11	ug/L		99
60) trichloroethene	3.416	130	371232	228.60	ug/L		99
61) 2-nitropropane	4.564	41	185050	232.68	ug/L		94
62) 2-chloroethyl vinyl ether	4.175	63	1011623	1128.70	ug/L		99
63) methyl methacrylate	3.879	100	122916	221.46	ug/L		96
64) 1,2-dichloropropane	3.750	63	307454	219.87	ug/L		95
65) methylcyclohexane	3.419	98	254916	220.73	ug/L	#	95
66) dibromomethane	3.683	93	219232	211.02	ug/L		98
67) bromodichloromethane	3.786	83	472517	231.40	ug/L		99
68) epichlorohydrin	4.400	57	266768	1067.70	ug/L		99
69) cis-1,3-dichloropropene	4.223	75	541729	225.76	ug/L		95
70) 4-methyl-2-pentanone	4.683	58	741106	892.86	ug/L		95
71) 3-methyl-1-butanol	4.519	70	278065	4561.85	ug/L		99
74) toluene	4.403	92	785169	216.18	ug/L		98
75) ethyl methacrylate	4.837	69	462244	215.37	ug/L		97
76) trans-1,3-dichloropropene	4.715	75	530414	223.89	ug/L		99
77) 1,1,2-trichloroethane	4.837	83	255005	200.93	ug/L		99
78) tetrachloroethene	4.699	166	365078	212.17	ug/L		96
79) 2-hexanone	5.319	58	876356	834.22	ug/L		96
80) 1,3-dichloropropane	5.046	76	513672	209.12	ug/L		99
81) butyl acetate	5.255	56	272506	217.51	ug/L		99
82) dibromochloromethane	4.975	129	405296	216.16	ug/L		98
83) 1,2-dibromoethane	5.152	107	348315	212.81	ug/L		99
84) n-butyl ether	5.480	57	1311705	219.61	ug/L		99
85) chlorobenzene	5.535	112	903988	212.67	ug/L		98
86) 1,1,1,2-tetrachloroethane	5.580	131	359144	218.94	ug/L		99
87) ethylbenzene	5.557	91	1516021	216.86	ug/L		100
88) m,p-xylene	5.660	106	1157806	420.81	ug/L		98
89) o-xylene	5.953	106	581539	213.89	ug/L		100
90) styrene	5.988	104	970286	213.38	ug/L		99
91) bromoform	5.998	173	304328	222.96	ug/L		96
92) butyl acrylate	6.078	55	748602	222.97	ug/L		99
93) isopropylbenzene	6.165	105	1423915	216.42	ug/L		98
94) cis-1,4-dichloro-2-butene	6.387	88	220129	242.40	ug/L		97
97) bromobenzene	6.409	156	393271	222.19	ug/L		96
98) 1,1,2,2-tetrachloroethane	6.474	83	449977	210.32	ug/L		98
99) trans-1,4-dichloro-2-b...	6.586	53	174105	241.94	ug/L		92
100) 1,2,3-trichloropropane	6.557	110	165997	210.71	ug/L		97
101) n-propylbenzene	6.435	91	1725063	219.81	ug/L		100
102) 2-chlorotoluene	6.528	126	355666	213.38	ug/L		99
103) 4-chlorotoluene	6.634	91	1096299	217.03	ug/L		98
104) 1,3,5-trimethylbenzene	6.561	105	1240751	217.86	ug/L		99
105) tert-butylbenzene	6.760	119	1067668	217.64	ug/L		94
106) 1,2,4-trimethylbenzene	6.805	105	1319335	225.51	ug/L		99
107) sec-butylbenzene	6.869	105	1502454	217.92	ug/L		100
108) 1,3-dichlorobenzene	6.998	146	743992	219.01	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177457.D
Acq On : 26 Oct 2023 08:26 pm
Operator : louied
Sample : ic8736-200
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 17:41:11 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

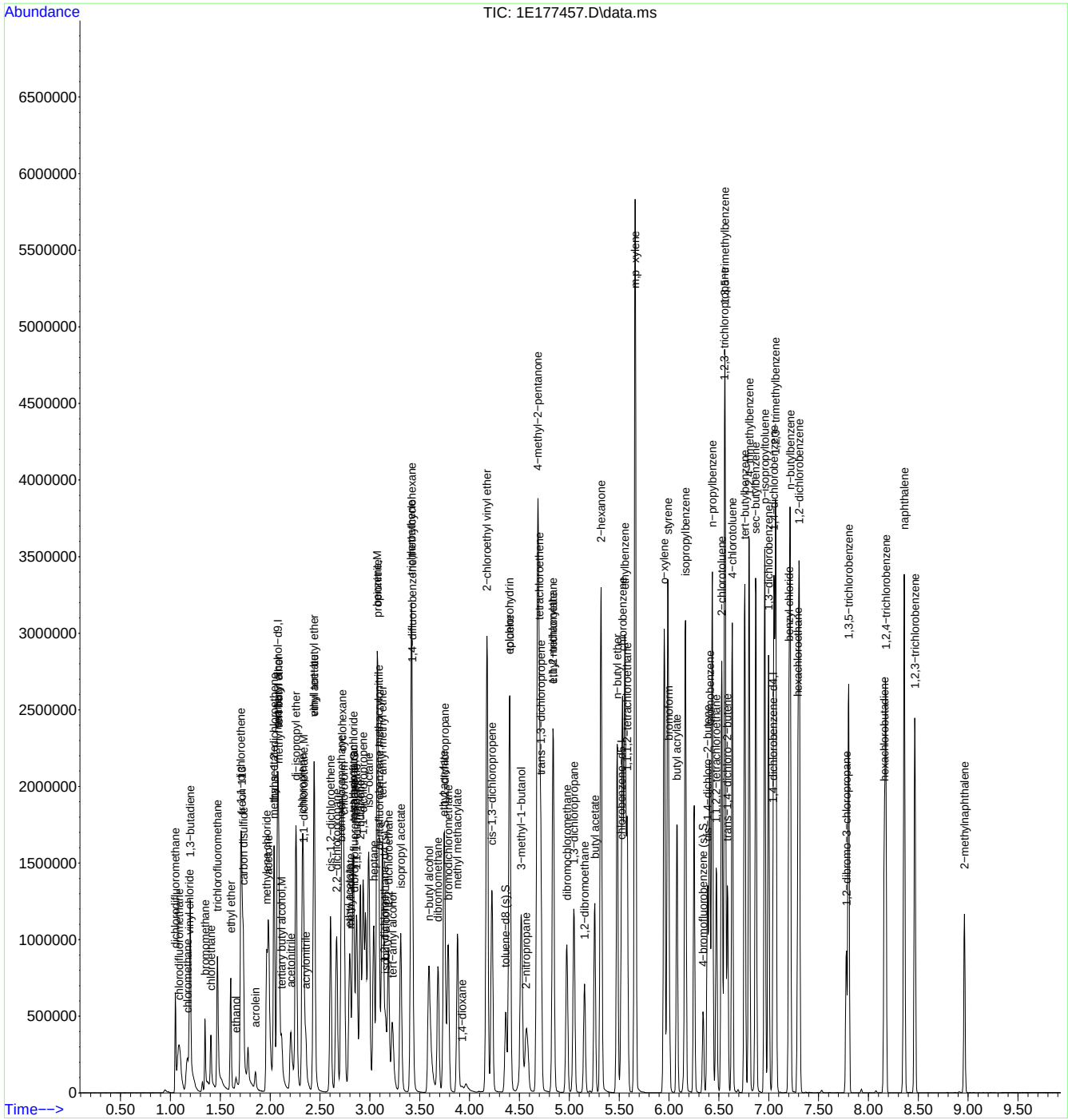
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.959	119	1335785	228.10	ug/L	99
110) 1,4-dichlorobenzene	7.052	146	741199	203.28	ug/L	99
111) 1,2-dichlorobenzene	7.306	146	703391	206.67	ug/L	98
112) 1,2,3-trimethylbenzene	7.069	105	1308421	215.74	ug/L	99
113) n-butylbenzene	7.216	134	315355	224.64	ug/L	99
114) 1,2-dibromo-3-chloropr...	7.779	157	154905	208.80	ug/L	95
115) 1,3,5-trichlorobenzene	7.802	180	494206	212.91	ug/L	97
116) 1,2,4-trichlorobenzene	8.175	180	456341	208.12	ug/L	100
117) hexachlorobutadiene	8.159	225	170584	218.34	ug/L	98
118) naphthalene	8.358	128	1531446	212.67	ug/L	99
119) 1,2,3-trichlorobenzene	8.467	180	430307	206.64	ug/L	99
120) hexachloroethane	7.294	119	256652	242.79	ug/L	97
121) benzyl chloride	7.204	126	195012	216.92	ug/L	94
122) 2-methylnaphthalene	8.962	142	335439	107.05	ug/L	97

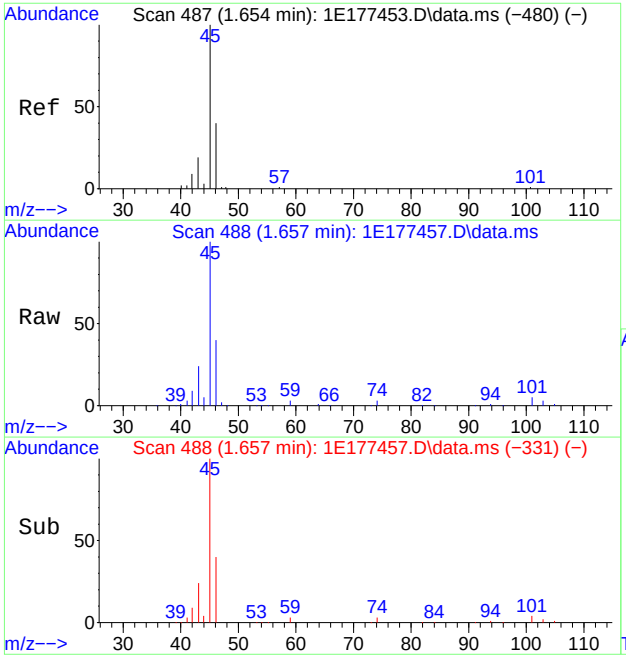
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177457.D
Acq On : 26 Oct 2023 08:26 pm
Operator : louied
Sample : ic8736-200
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 17:41:11 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:38:10 2023
Response via : Initial Calibration

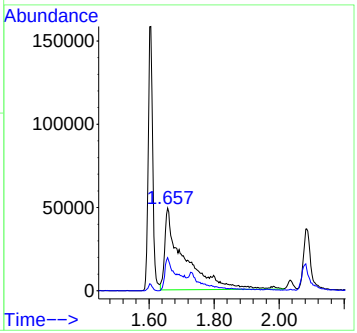


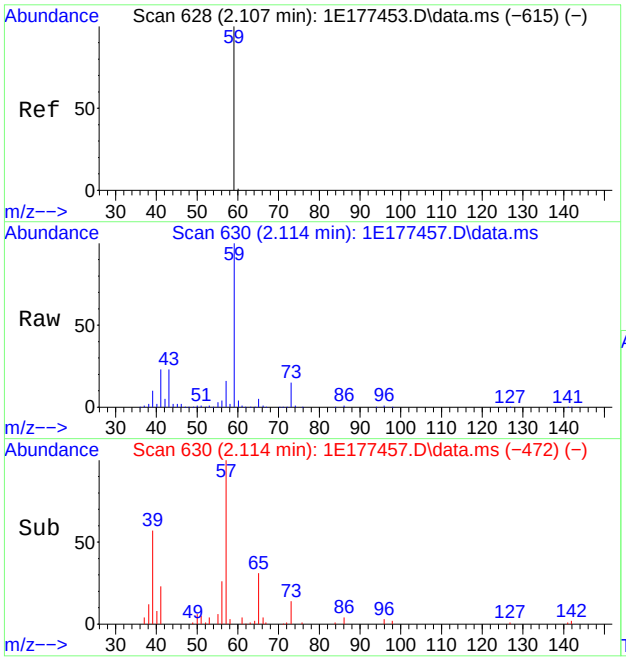


#2
ethanol
Concen: 14429.59 ug/L
RT: 1.657 min Scan# 488
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 45 Resp: 203553

Ion	Ratio	Lower	Upper
45	100		
46	40.6	18.1	58.1

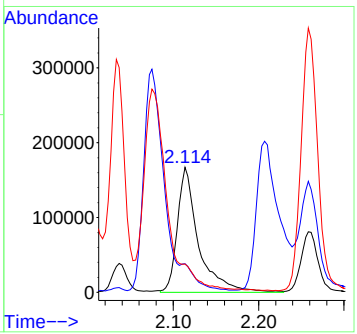


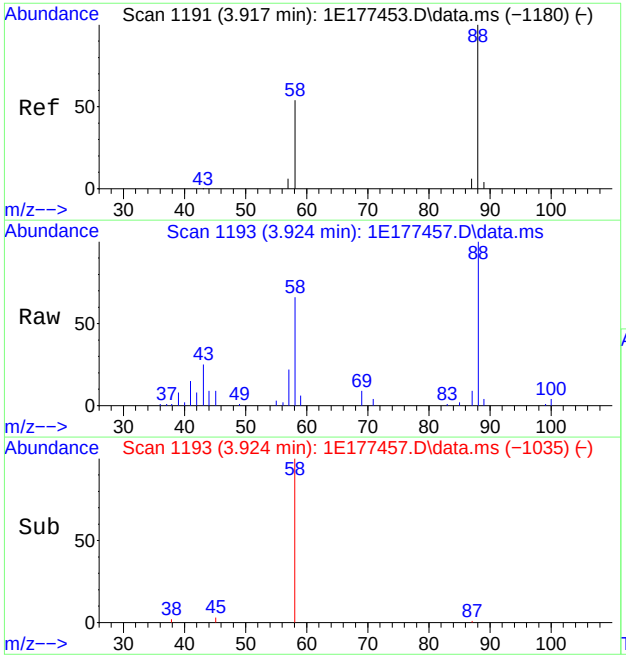


#3
tertiary butyl alcohol
Concen: 1009.71 ug/L
RT: 2.114 min Scan# 630
Delta R.T. 0.007 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 59 Resp: 287986

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	20.8	0.0	52.8

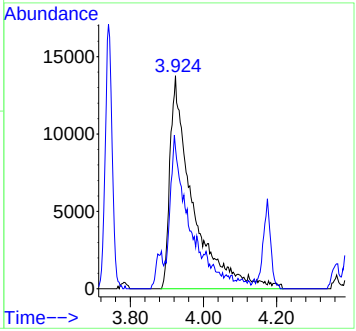


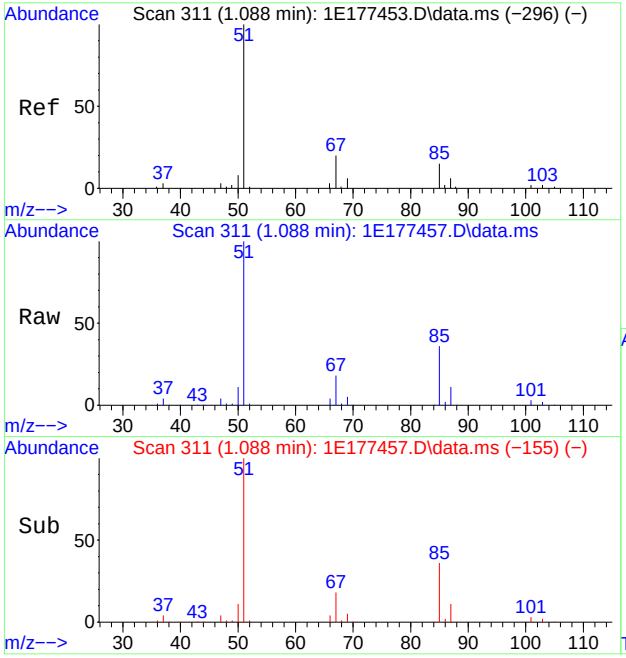


#4
1,4-dioxane
Concen: 4695.65 ug/L
RT: 3.924 min Scan# 1193
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 88 Resp: 59643

Ion	Ratio	Lower	Upper
88	100		
58	65.9	38.3	78.3

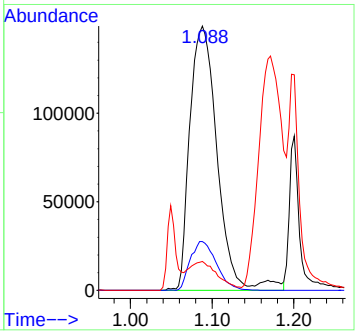


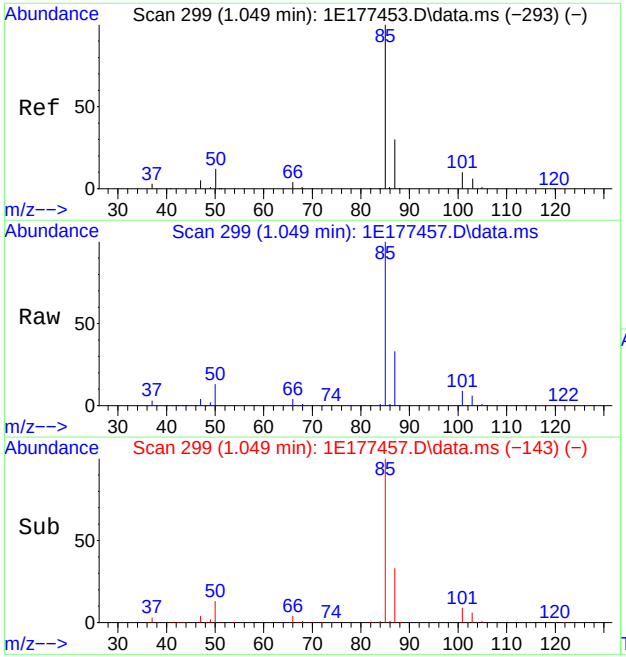


#6
chlorodifluoromethane
Concen: 210.61 ug/L
RT: 1.088 min Scan# 311
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 51 Resp: 348847

Ion	Ratio	Lower	Upper
51	100		
67	18.4	0.0	49.5
50	10.9	0.0	38.4

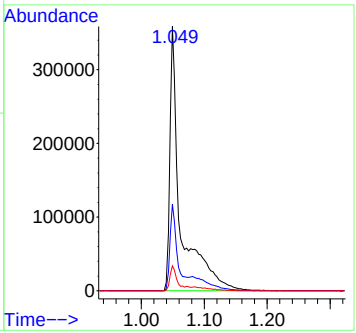


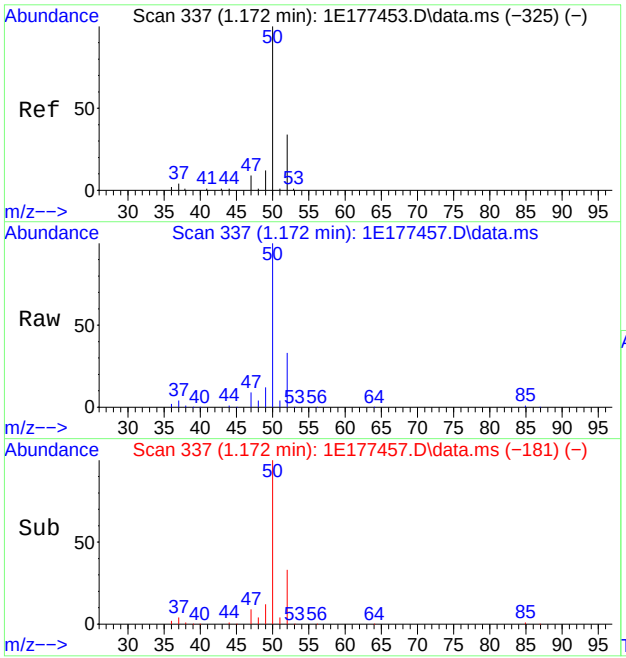


#7
dichlorodifluoromethane
Concen: 209.49 ug/L
RT: 1.049 min Scan# 299
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 85 Resp: 428452

Ion	Ratio	Lower	Upper
85	100		
87	32.7	0.4	60.4
101	9.5	0.0	39.9

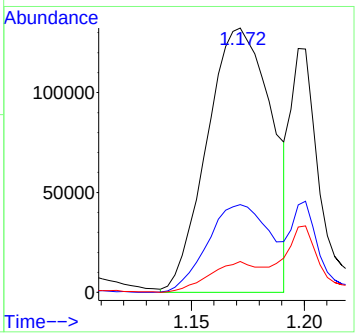




#8
chloromethane
Concen: 221.18 ug/L
RT: 1.172 min Scan# 337
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

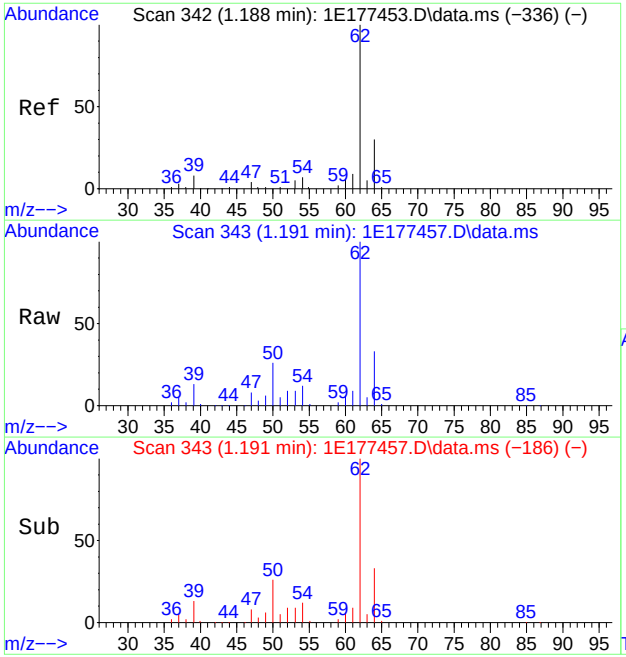
Tgt Ion: 50 Resp: 262772

Ion	Ratio	Lower	Upper
50	100		
52	33.4	4.4	64.4
49	11.8	0.0	42.1



7.6.10

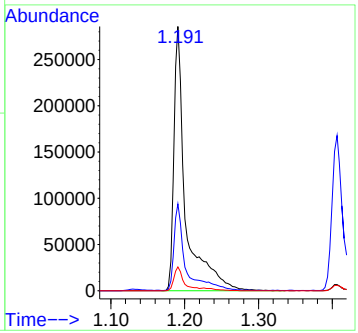
7

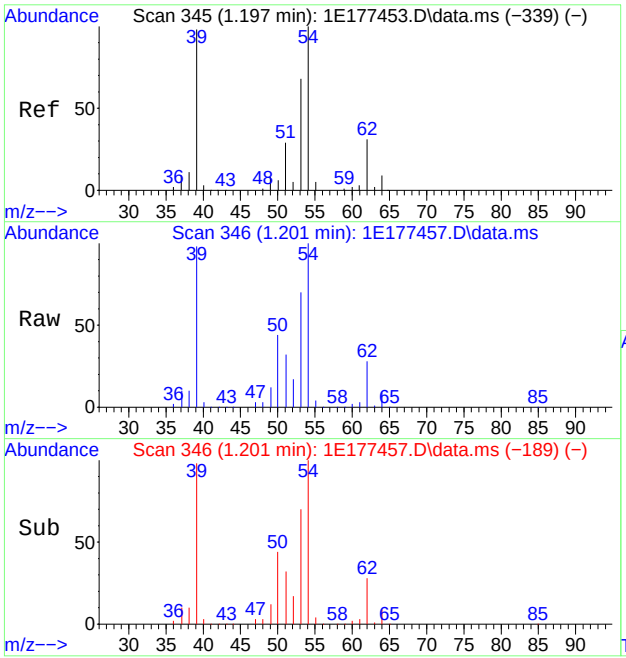


#9
vinyl chloride
Concen: 222.15 ug/L
RT: 1.191 min Scan# 343
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 62 Resp: 320336

Ion	Ratio	Lower	Upper
62	100		
64	32.8	0.7	60.7
61	9.0	0.0	39.5

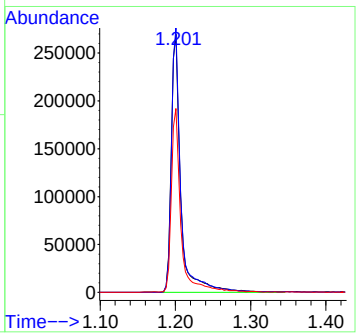


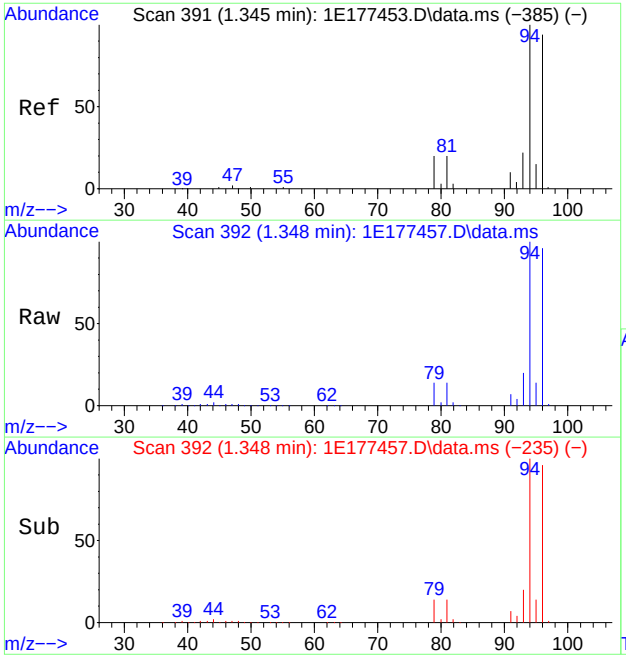


#10
1,3-butadiene
Concen: 189.62 ug/L
RT: 1.201 min Scan# 346
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 39 Resp: 239552

Ion	Ratio	Lower	Upper
39	100		
54	102.5	72.3	132.3
53	71.2	39.8	99.8

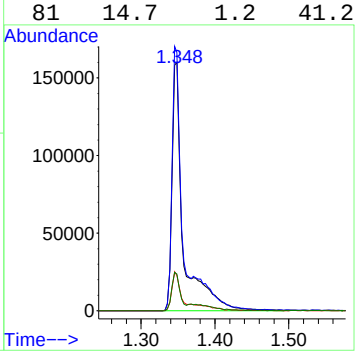


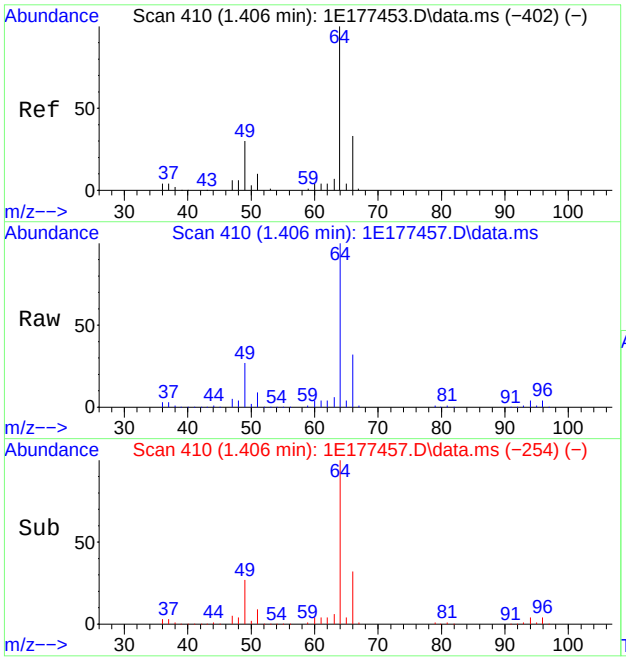


#11
bromomethane
Concen: 488.06 ug/L
RT: 1.348 min Scan# 392
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 96 Resp: 172916

Ion	Ratio	Lower	Upper
96	100		
94	103.9	76.0	136.0
79	14.2	20.8	20.8#
81	14.7	1.2	41.2

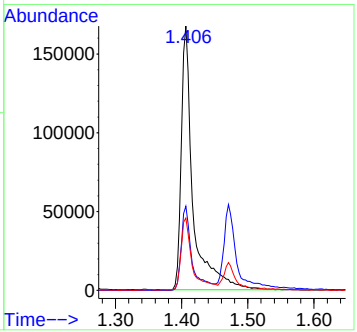


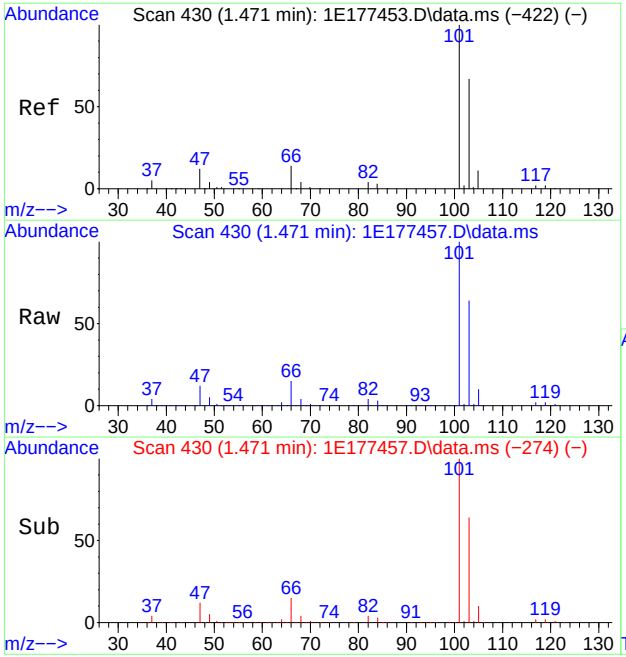


#12
chloroethane
Concen: 229.46 ug/L
RT: 1.406 min Scan# 410
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 64 Resp: 207763

Ion	Ratio	Lower	Upper
64	100		
66	31.8	3.1	63.1
49	27.3	0.1	60.1

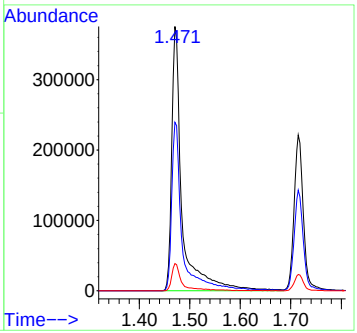


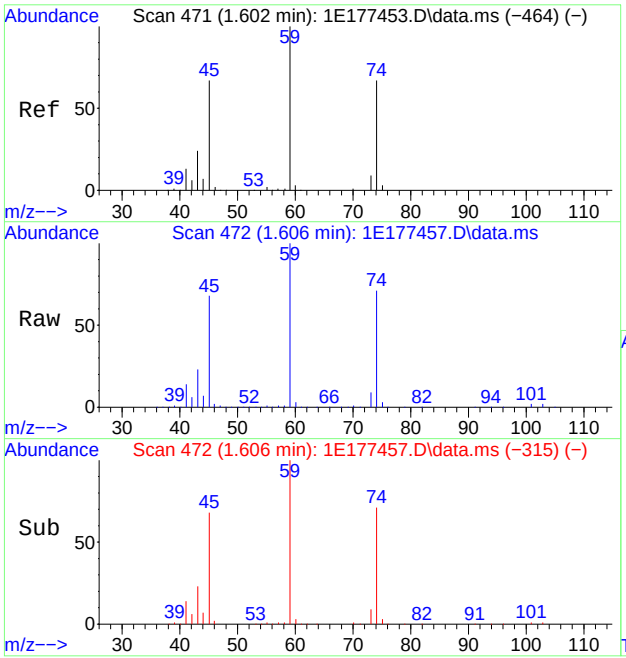


#13
trichlorofluoromethane
Concen: 231.08 ug/L
RT: 1.471 min Scan# 430
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:101 Resp: 539519

Ion	Ratio	Lower	Upper
101	100		
103	63.7	37.1	97.1
105	10.3	0.0	40.8

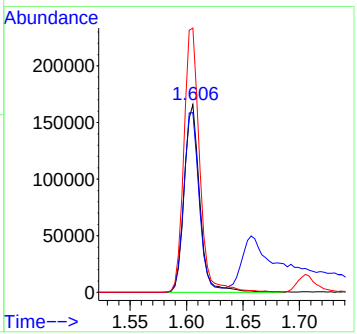


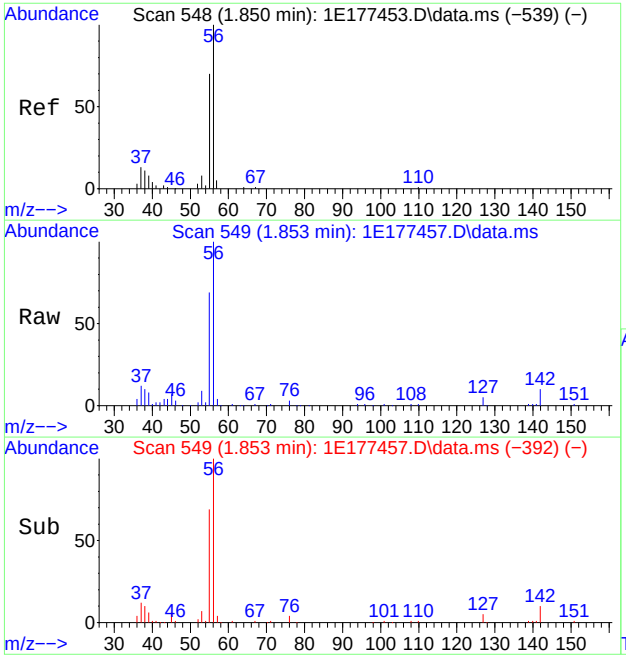


#14
ethyl ether
Concen: 204.19 ug/L
RT: 1.606 min Scan# 472
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 74 Resp: 158841

Ion	Ratio	Lower	Upper
74	100		
45	95.7	69.1	129.1
59	140.7	118.9	178.9

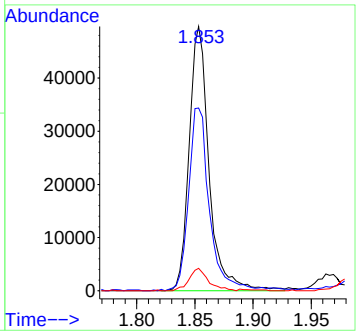


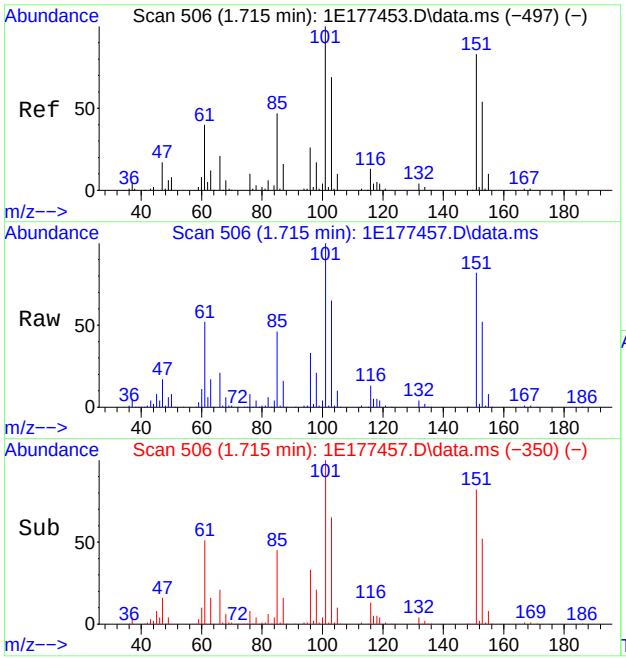


#15
acrolein
Concen: 180.90 ug/L
RT: 1.853 min Scan# 549
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 56 Resp: 59258

Ion	Ratio	Lower	Upper
56	100		
55	68.5	40.4	100.4
53	8.5	0.0	38.2

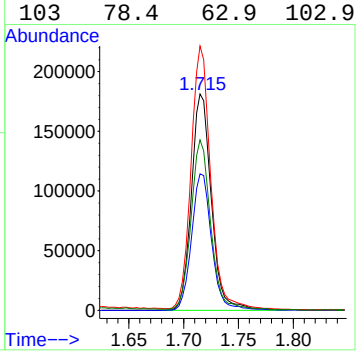


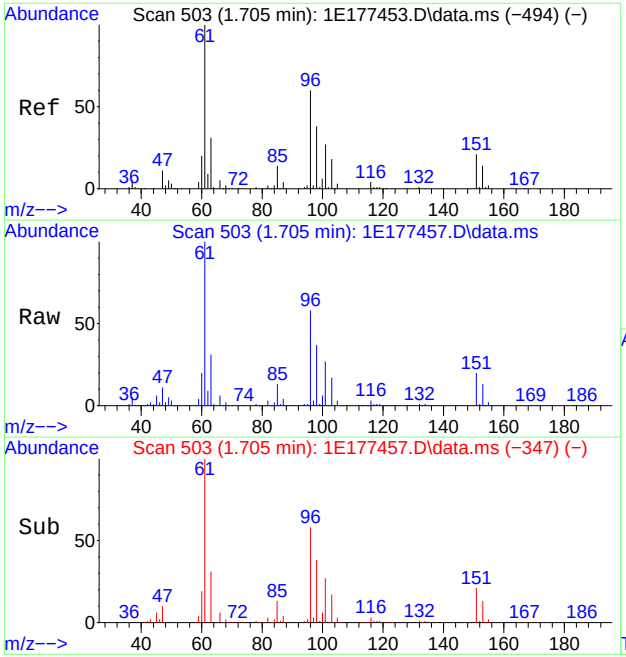


#16
freon 113
Concen: 223.38 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:151 Resp: 230990

Ion	Ratio	Lower	Upper
151	100		
153	63.1	44.6	84.6
101	121.7	100.2	140.2
103	78.4	62.9	102.9

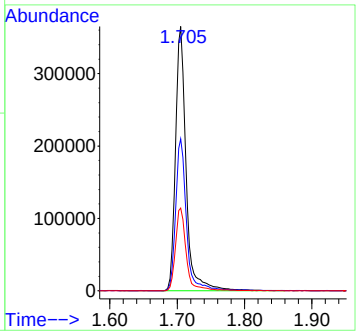


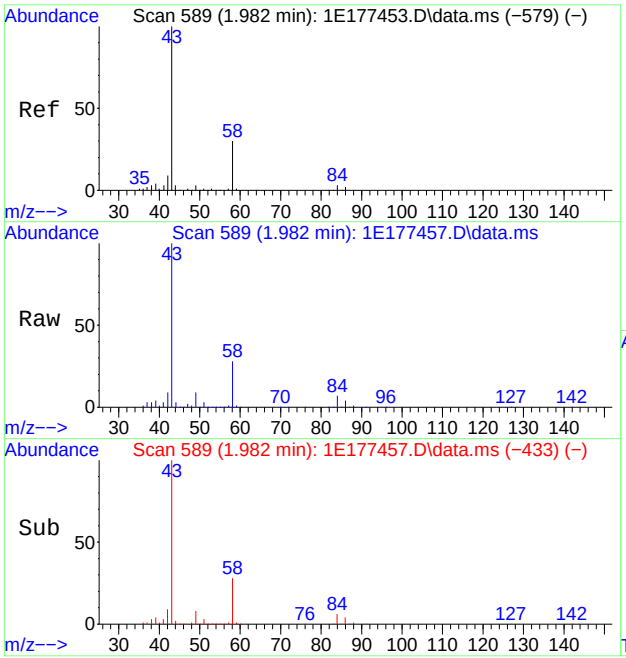


#17
1,1-dichloroethene
Concen: 216.84 ug/L
RT: 1.705 min Scan# 503
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 61 Resp: 399500

Ion	Ratio	Lower	Upper
61	100		
96	57.4	29.6	89.6
63	31.3	1.2	61.2

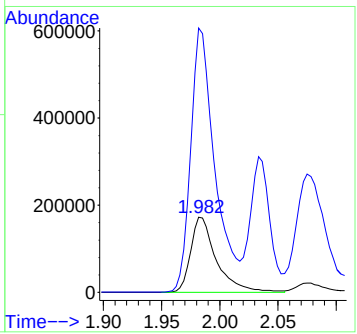


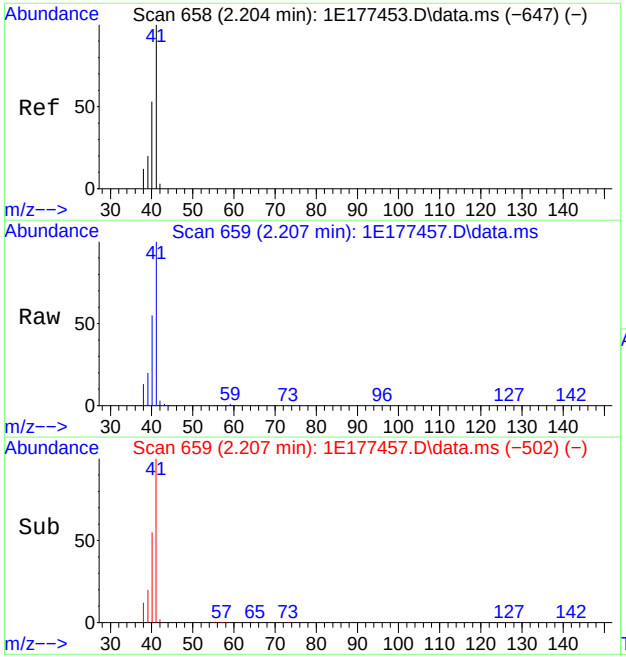


#18
acetone
Concen: 731.01 ug/L
RT: 1.982 min Scan# 589
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 58 Resp: 266692

Ion	Ratio	Lower	Upper
58	100		
43	350.8	304.0	364.0

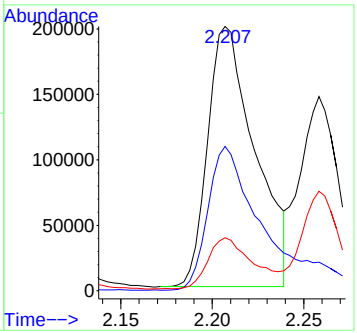


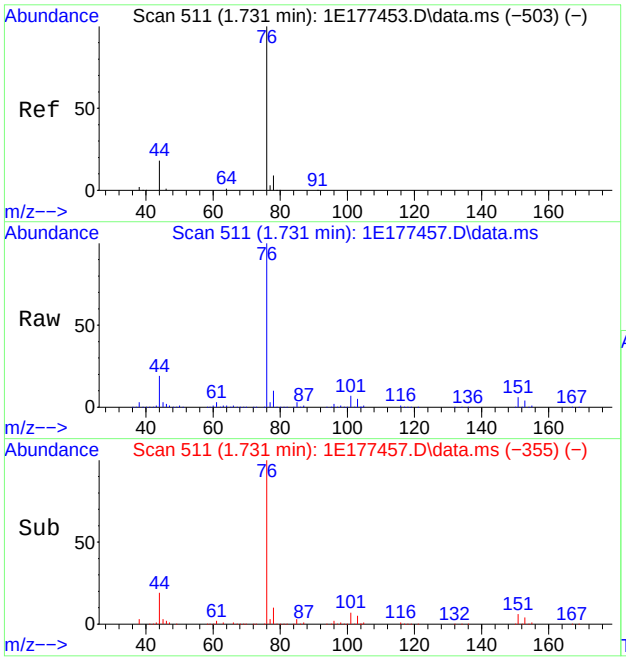


#19
acetonitrile
Concen: 1757.04 ug/L
RT: 2.207 min Scan# 659
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 41 Resp: 358384

Ion	Ratio	Lower	Upper
41	100		
40	55.2	22.9	82.9
39	19.6	0.0	49.7

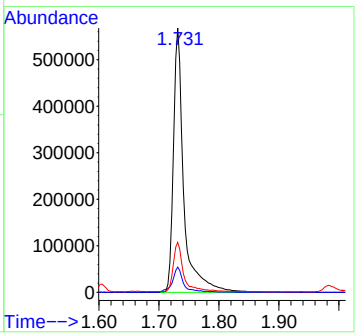




#21
carbon disulfide
Concen: 204.42 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

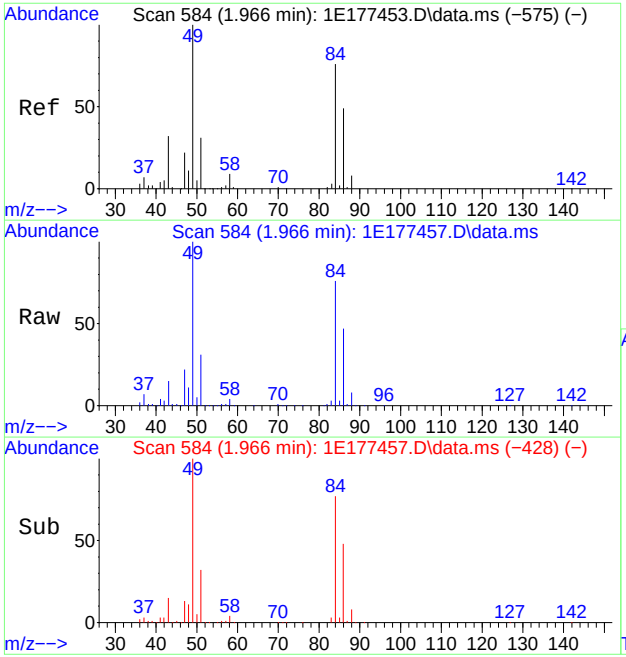
Tgt Ion: 76 Resp: 687466

Ion	Ratio	Lower	Upper
76	100		
78	9.6	0.0	39.2
44	18.6	0.0	48.3



7.6.10

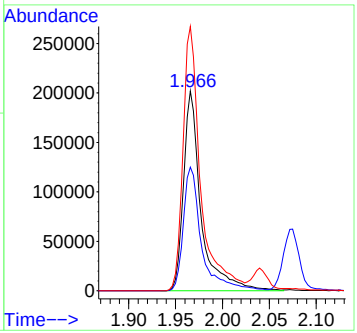
7

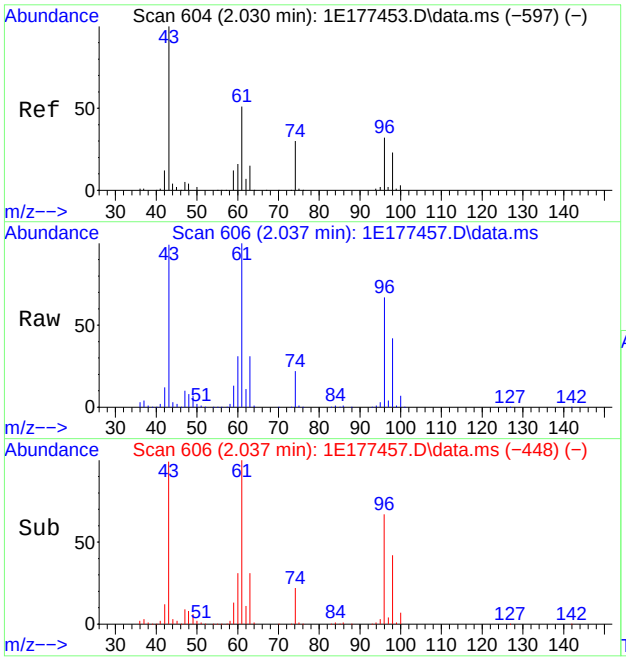


#22
methylene chloride
Concen: 191.23 ug/L
RT: 1.966 min Scan# 584
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 84 Resp: 265850

Ion	Ratio	Lower	Upper
84	100		
86	61.9	34.9	94.9
49	132.3	102.4	162.4

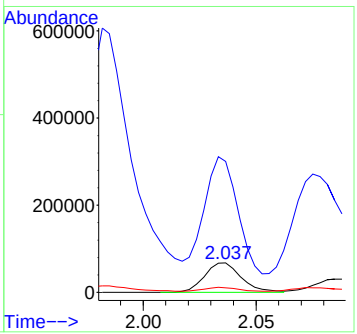


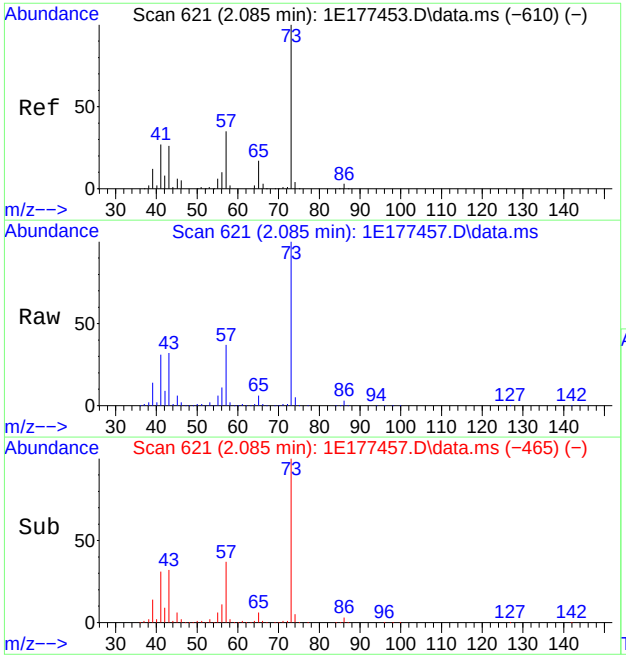


#23
methyl acetate
Concen: 215.37 ug/L
RT: 2.037 min Scan# 606
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 74 Resp: 76806

Ion	Ratio	Lower	Upper
74	100		
43	302.4	307.5	367.5#
44	9.1	0.0	43.7

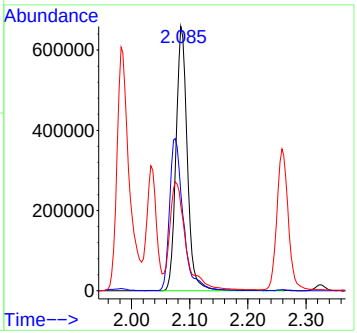


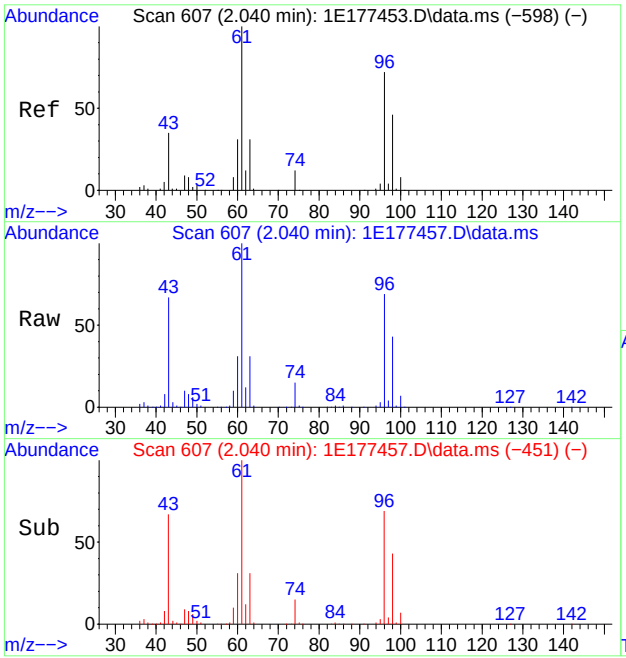


#24
methyl tert butyl ether
Concen: 203.80 ug/L
RT: 2.085 min Scan# 621
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 73 Resp: 891525

Ion	Ratio	Lower	Upper
73	100		
57	36.8	5.0	65.0
43	22.8	0.4	60.4

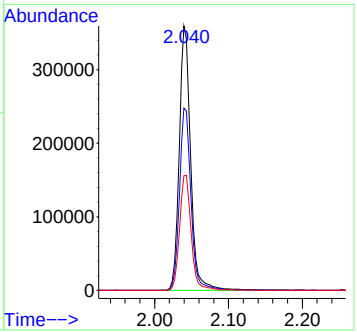


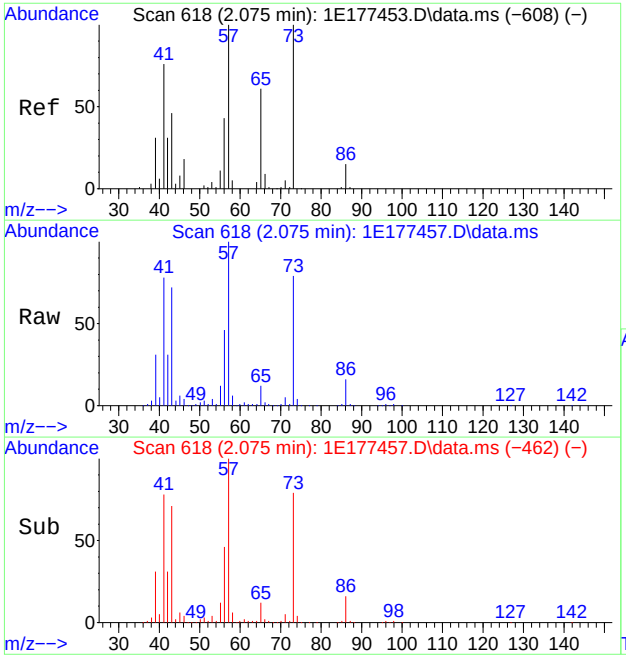


#25
trans-1,2-dichloroethene
Concen: 213.70 ug/L
RT: 2.040 min Scan# 607
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 61 Resp: 387931

Ion	Ratio	Lower	Upper
61	100		
96	68.9	41.6	101.6
98	43.3	15.7	75.7

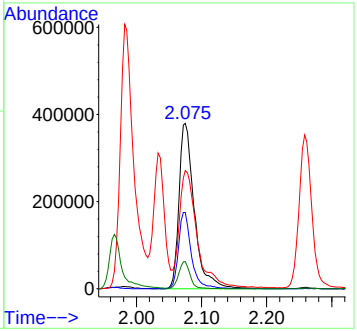


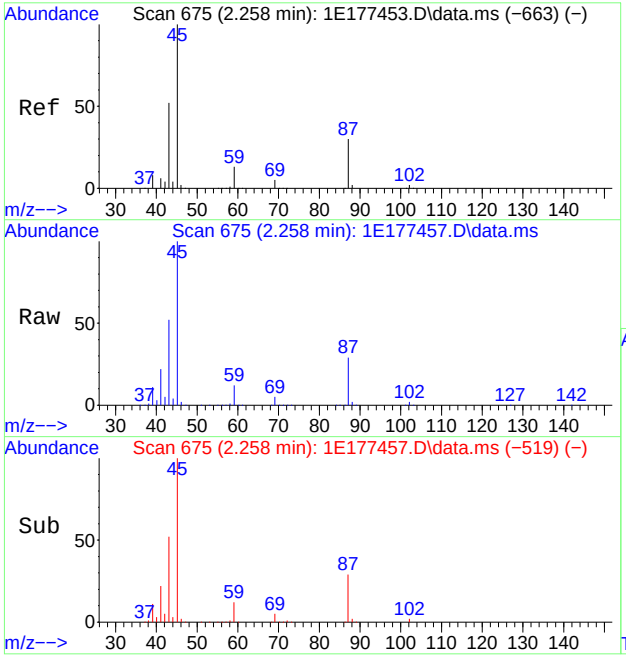


#26
hexane
Concen: 202.93 ug/L
RT: 2.075 min Scan# 618
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 57 Resp: 623150

Ion	Ratio	Lower	Upper
57	100		
56	46.1	23.0	63.0
43	70.8	50.7	90.7
86	16.4	0.0	35.6

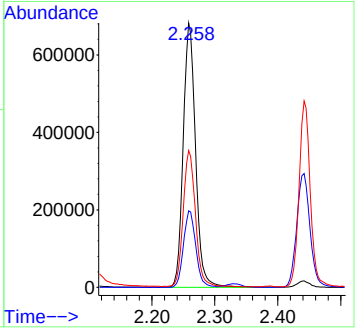


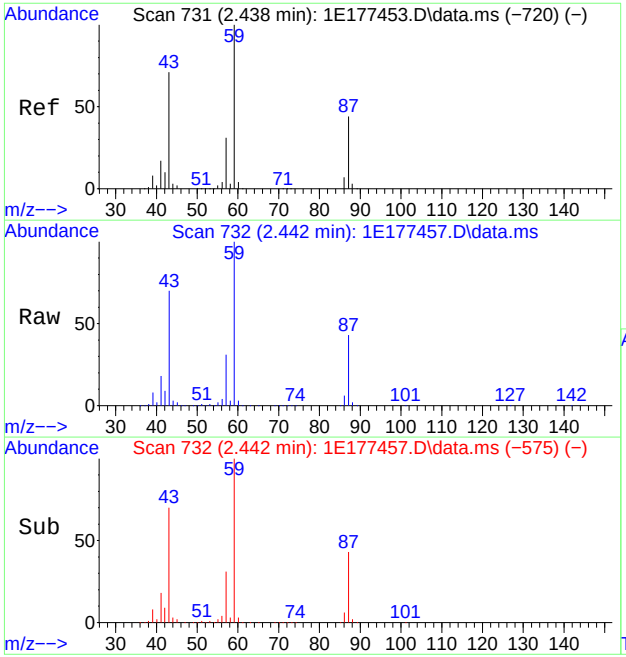


#27
di-isopropyl ether
Concen: 210.66 ug/L
RT: 2.258 min Scan# 675
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 45 Resp: 926950

Ion	Ratio	Lower	Upper
45	100		
87	29.0	0.0	59.9
43	51.6	22.2	82.2

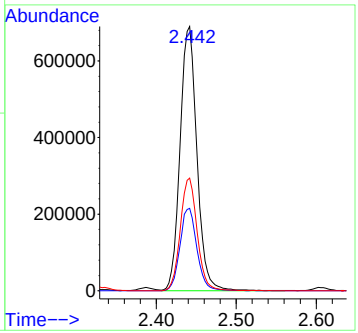


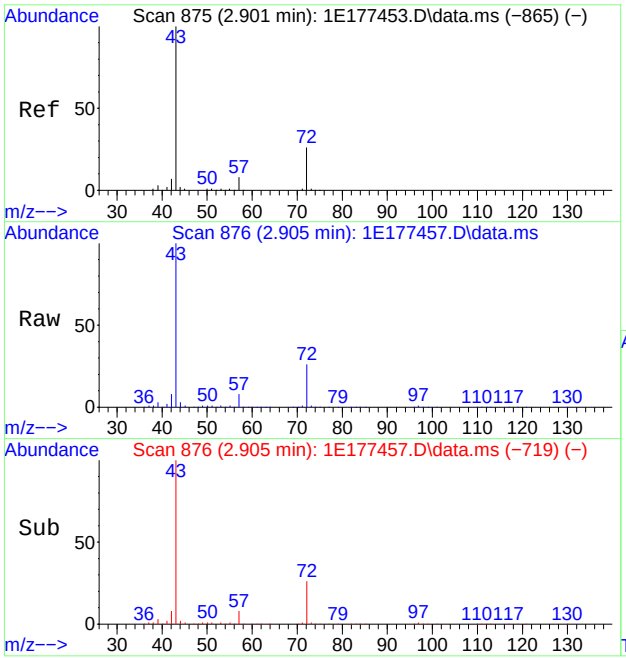


#28
ethyl tert-butyl ether
Concen: 214.45 ug/L
RT: 2.442 min Scan# 732
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 59 Resp: 1010912

Ion	Ratio	Lower	Upper
59	100		
57	31.1	1.2	61.2
87	42.6	14.3	74.3

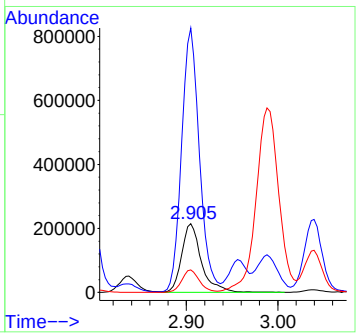


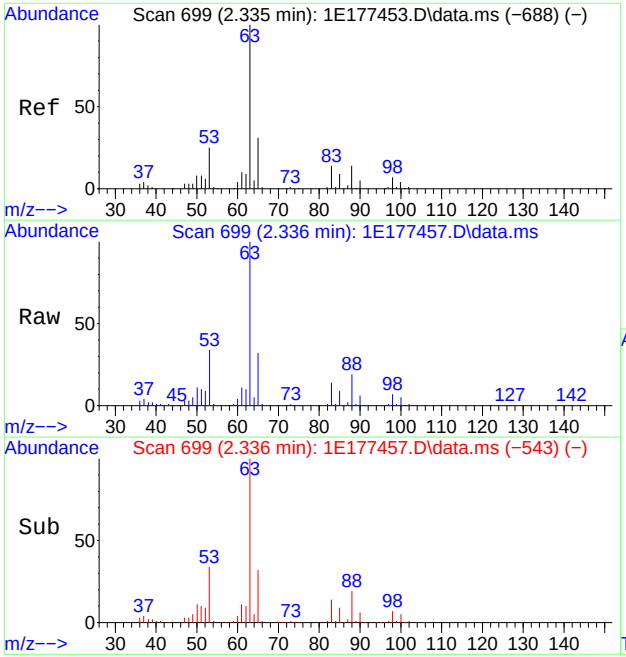


#29
2-butanone
Concen: 816.41 ug/L
RT: 2.905 min Scan# 876
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 72 Resp: 322311

Ion	Ratio	Lower	Upper
72	100		
43	384.6	351.4	411.4
57	32.5	1.3	61.3

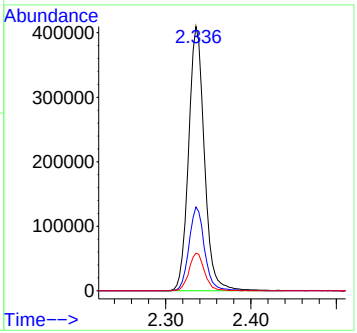


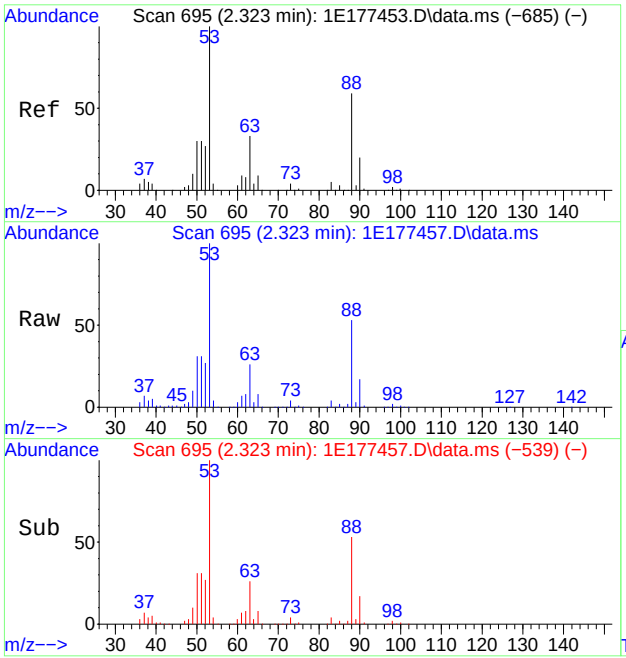


#30
1,1-dichloroethane
Concen: 206.80 ug/L
RT: 2.336 min Scan# 699
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 63 Resp: 526208

Ion	Ratio	Lower	Upper
63	100		
65	31.7	1.1	61.1
83	14.2	0.0	44.4

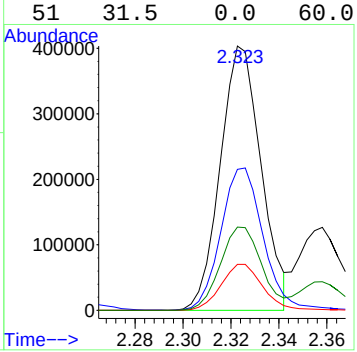


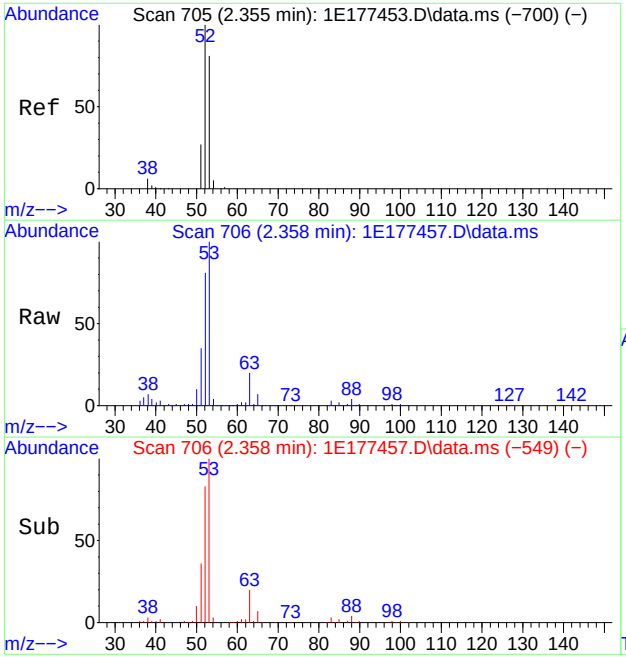


#31
chloroprene
Concen: 216.64 ug/L
RT: 2.323 min Scan# 695
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 53 Resp: 477368

Ion	Ratio	Lower	Upper
53	100		
88	53.3	29.0	89.0
90	17.4	0.0	50.3
51	31.5	0.0	60.0

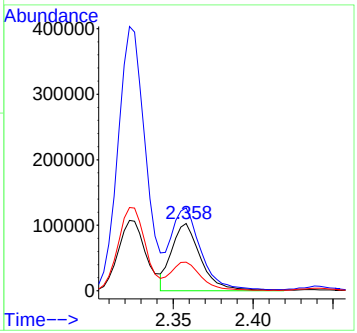


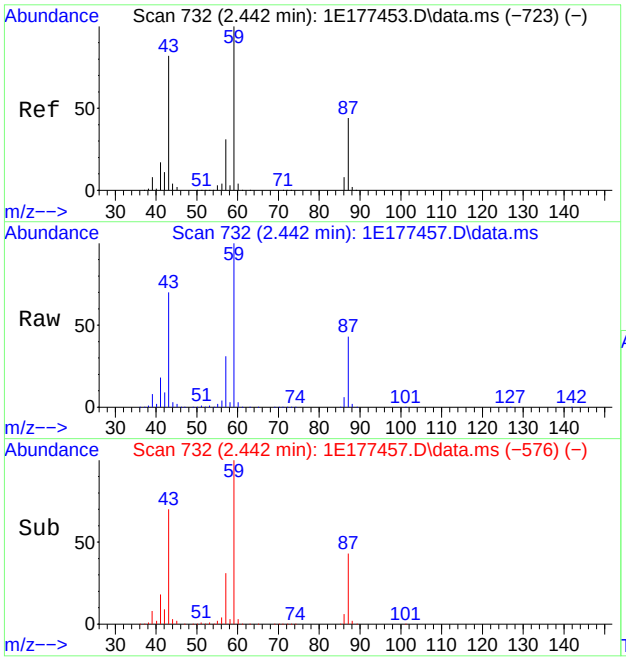


#32
acrylonitrile
Concen: 208.20 ug/L
RT: 2.358 min Scan# 706
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 52 Resp: 130702

Ion	Ratio	Lower	Upper
52	100		
53	122.6	98.3	158.3
51	42.3	13.3	73.3

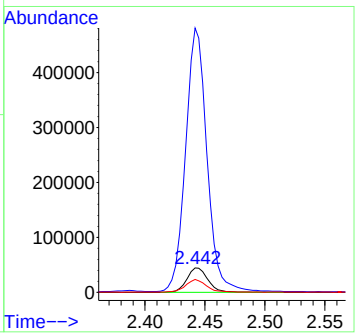


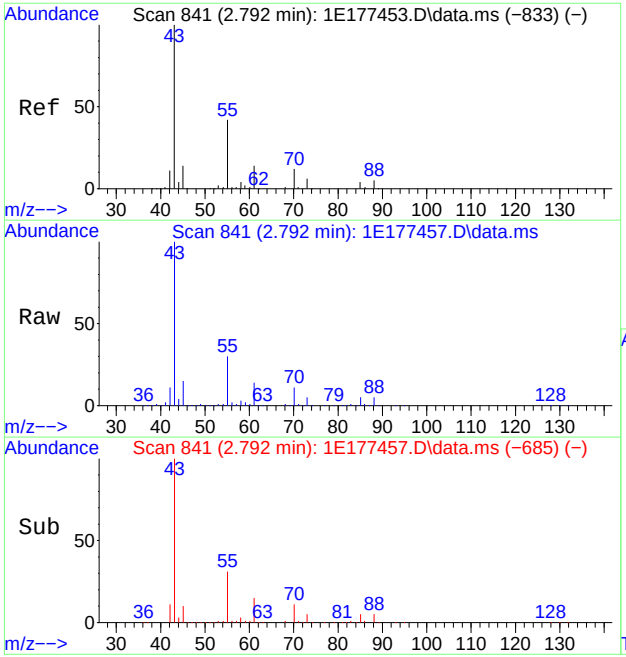


#33
vinyl acetate
Concen: 177.28 ug/L
RT: 2.442 min Scan# 732
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 86 Resp: 54847

Ion	Ratio	Lower	Upper
86	100		
43	1083.9	996.1	1056.1#
44	51.6	16.2	76.2

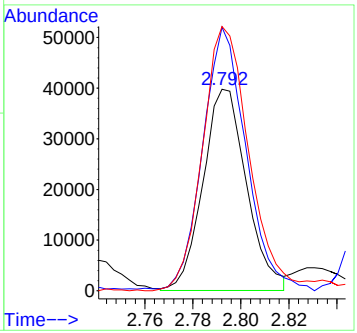


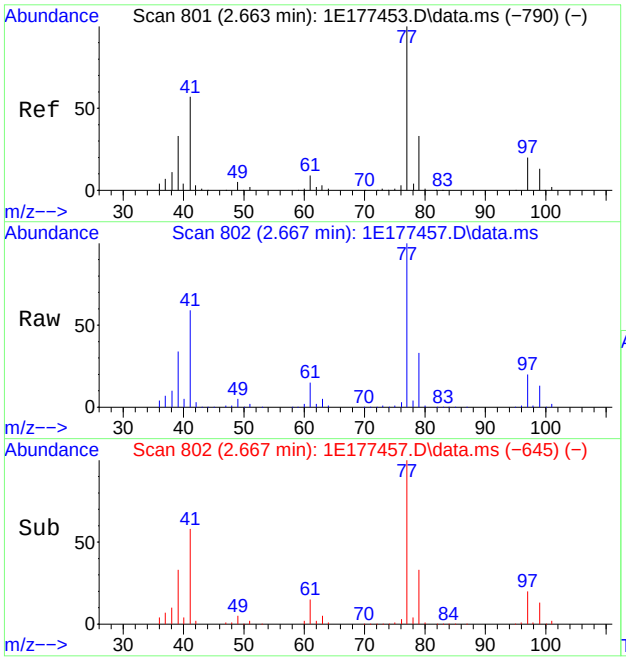


#34
ethyl acetate
Concen: 217.05 ug/L
RT: 2.792 min Scan# 841
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 70 Resp: 50089

Ion	Ratio	Lower	Upper
70	100		
61	130.9	88.3	148.3
45	131.5	89.7	149.7

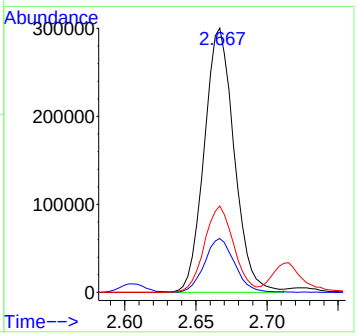


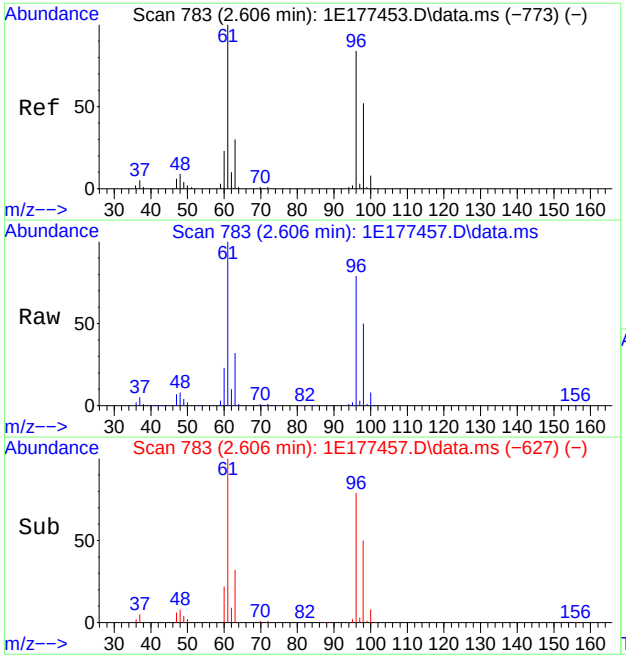


#35
2,2-dichloropropane
Concen: 206.39 ug/L
RT: 2.667 min Scan# 802
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 77 Resp: 441138

Ion	Ratio	Lower	Upper
77	100		
97	20.2	0.0	50.3
79	32.7	2.7	62.7

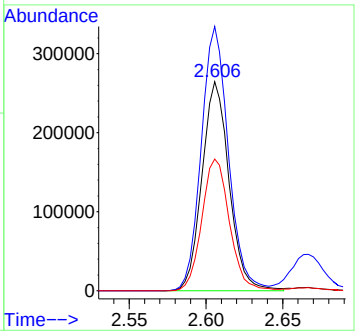


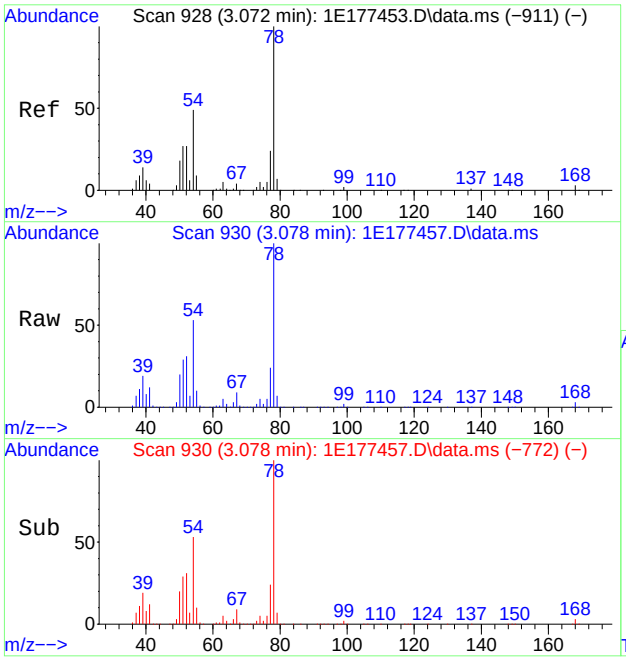


#36
cis-1,2-dichloroethene
Concen: 204.99 ug/L
RT: 2.606 min Scan# 783
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 96 Resp: 326118

Ion	Ratio	Lower	Upper
96	100		
61	126.4	89.1	149.1
98	63.0	31.8	91.8

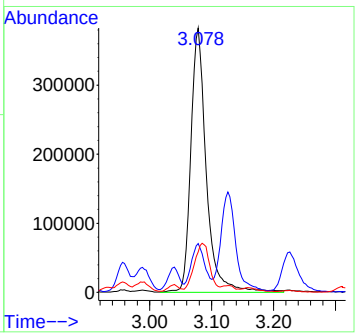


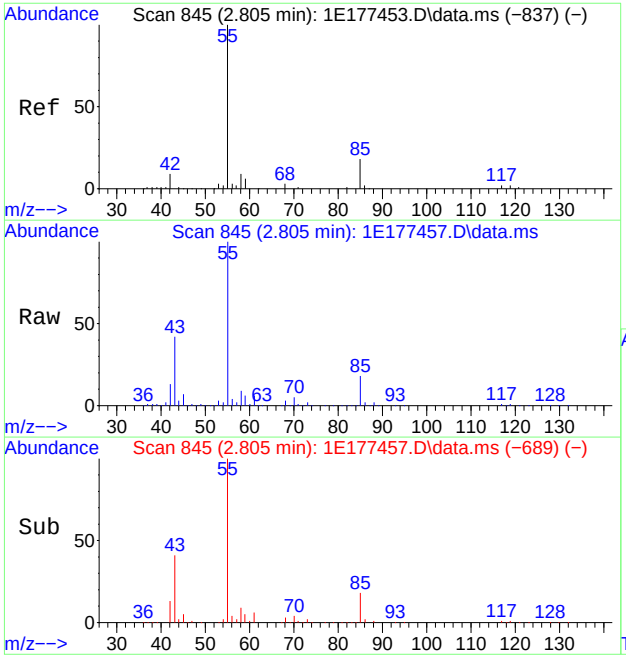


#37
propionitrile
Concen: 1960.53 ug/L
RT: 3.078 min Scan# 930
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 54 Resp: 664444

Ion	Ratio	Lower	Upper
54	100		
55	17.4	0.0	49.2
40	14.9	0.0	43.2

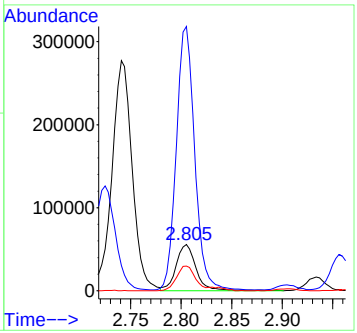


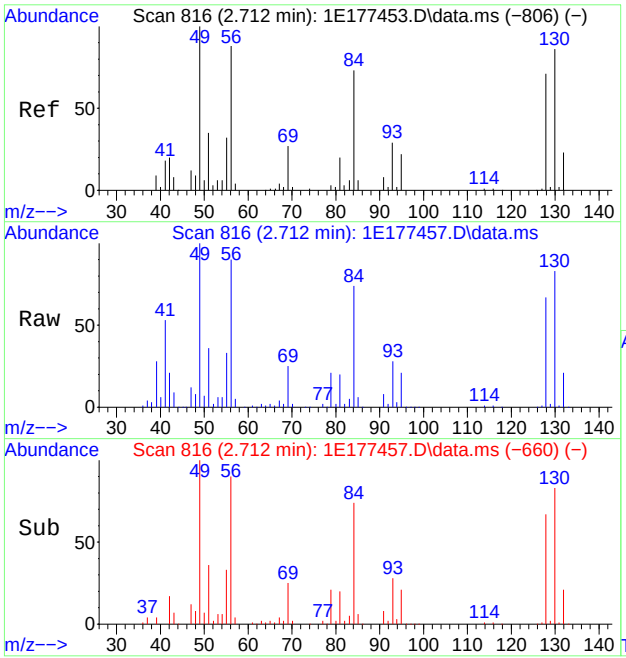


#38
methyl acrylate
Concen: 213.91 ug/L
RT: 2.805 min Scan# 845
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 85 Resp: 77360

Ion	Ratio	Lower	Upper
85	100		
55	566.4	505.5	545.5#
58	53.1	25.5	65.5

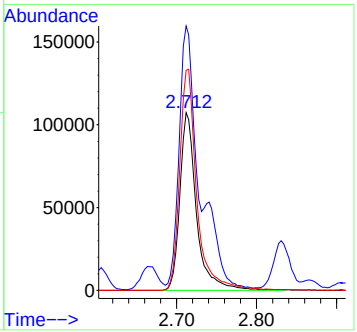


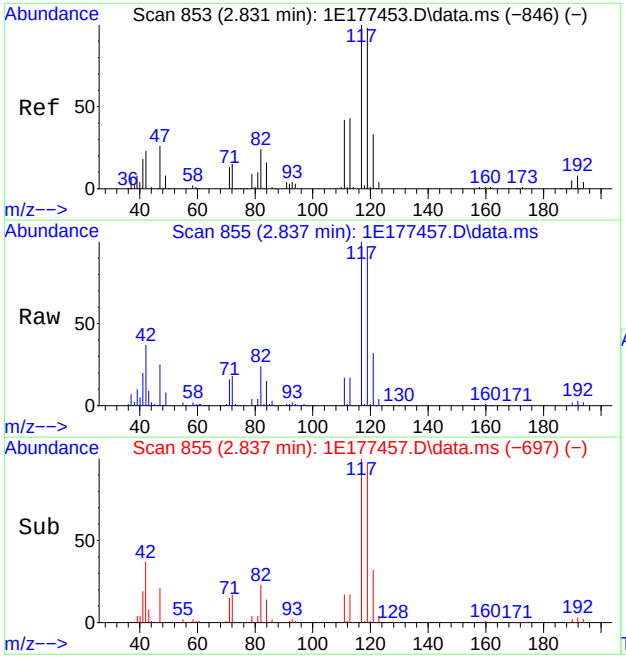


#39
bromochloromethane
Concen: 188.83 ug/L
RT: 2.712 min Scan# 816
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:128 Resp: 155416

Ion	Ratio	Lower	Upper
128	100		
49	143.4	113.7	173.7
130	123.7	91.4	151.4

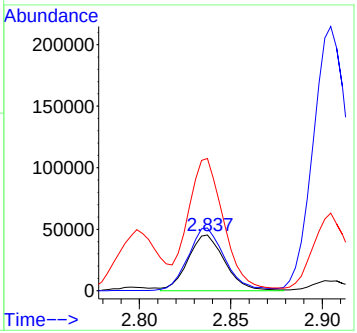


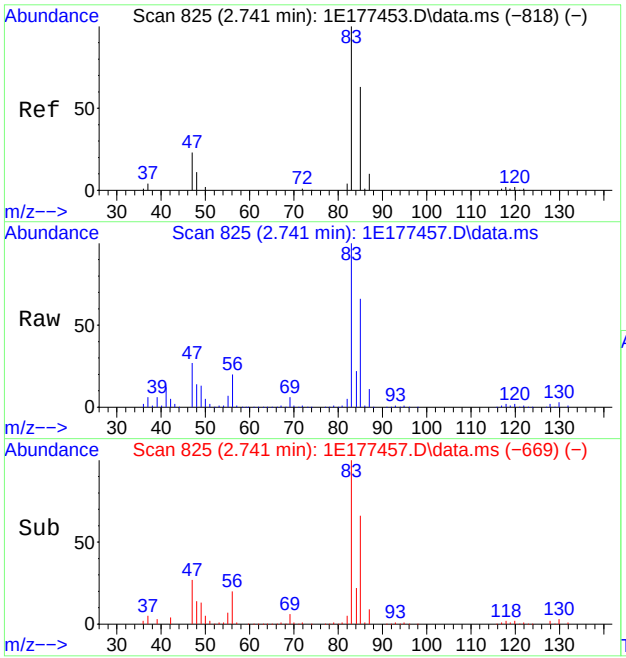


#40
tetrahydrofuran
Concen: 210.31 ug/L
RT: 2.837 min Scan# 855
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 71 Resp: 63758

Ion	Ratio	Lower	Upper
71	100		
72	111.8	82.2	142.2
42	235.5	201.9	261.9

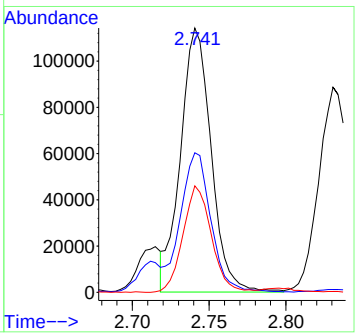


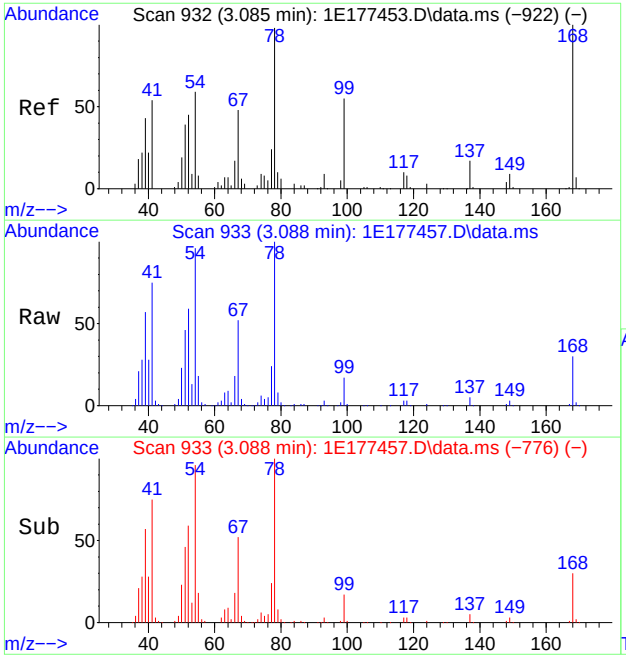


#41
chloroform
Concen: 202.86 ug/L
RT: 2.741 min Scan# 825
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 47 Resp: 158676

Ion	Ratio	Lower	Upper
47	100		
48	53.0	23.0	83.0
87	39.9	8.1	68.1

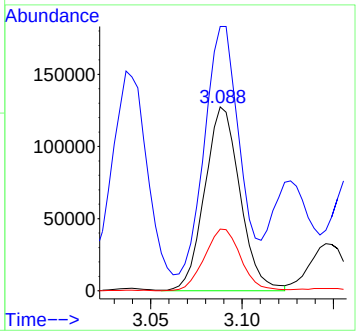


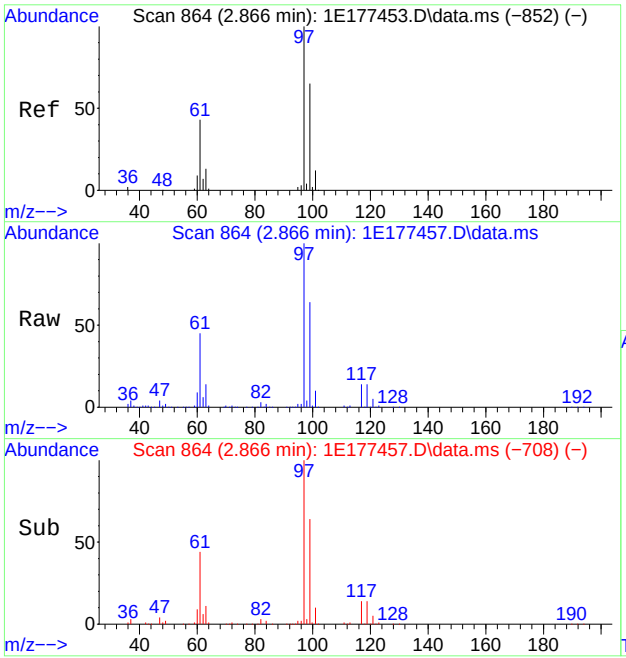


#43
methacrylonitrile
Concen: 191.08 ug/L
RT: 3.088 min Scan# 933
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 67 Resp: 172113

Ion	Ratio	Lower	Upper
67	100		
41	123.5	83.8	143.8
66	33.7	6.0	66.0

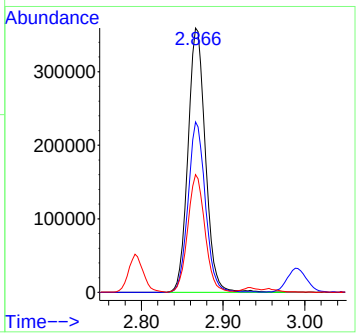


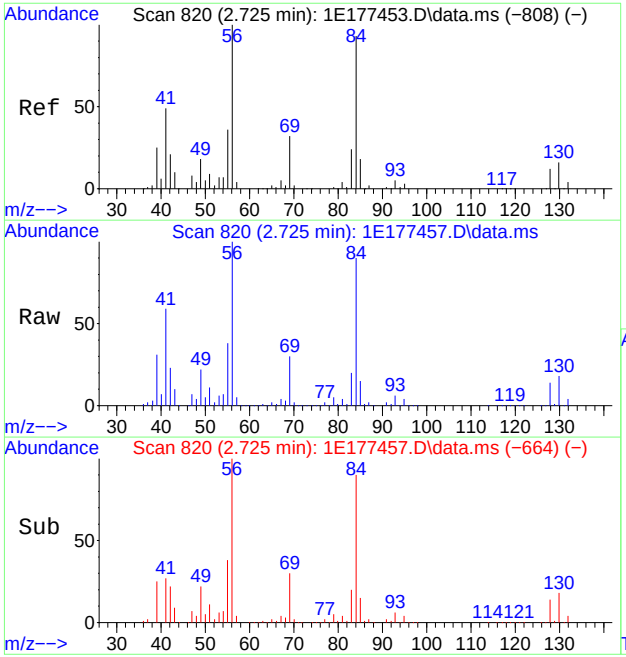


#44
1,1,1-trichloroethane
Concen: 216.11 ug/L
RT: 2.866 min Scan# 864
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 97 Resp: 533622

Ion	Ratio	Lower	Upper
97	100		
99	64.4	34.9	94.9
61	44.3	13.2	73.2

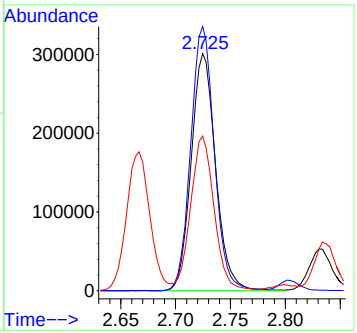


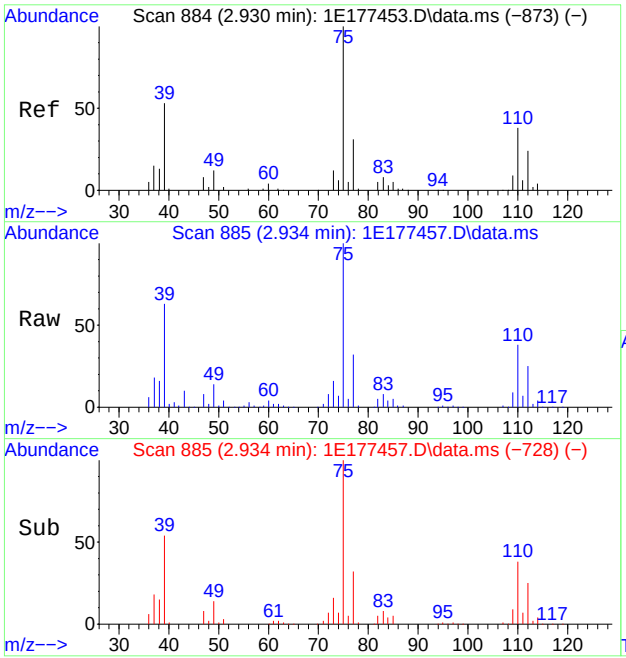


#45
cyclohexane
Concen: 219.28 ug/L
RT: 2.725 min Scan# 820
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 84 Resp: 466873

Ion	Ratio	Lower	Upper
84	100		
56	111.4	87.1	127.1
41	62.7	36.3	76.3

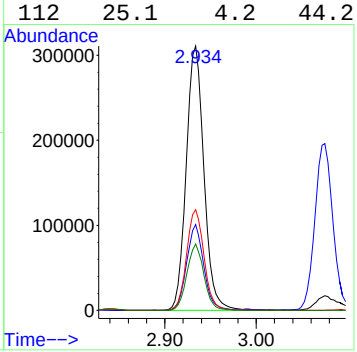


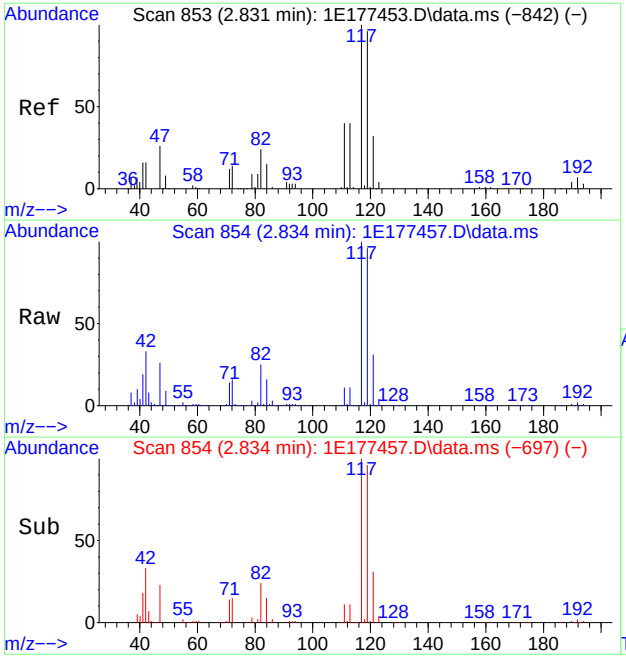


#46
1,1-dichloropropene
Concen: 215.35 ug/L
RT: 2.934 min Scan# 885
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 75 Resp: 420107

Ion	Ratio	Lower	Upper
75	100		
77	32.4	10.6	50.6
110	38.1	17.7	57.7
112	25.1	4.2	44.2

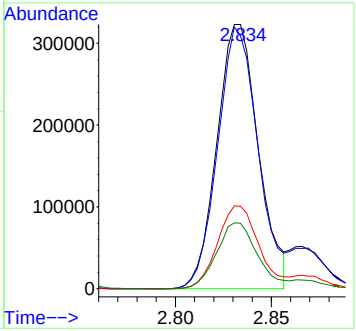


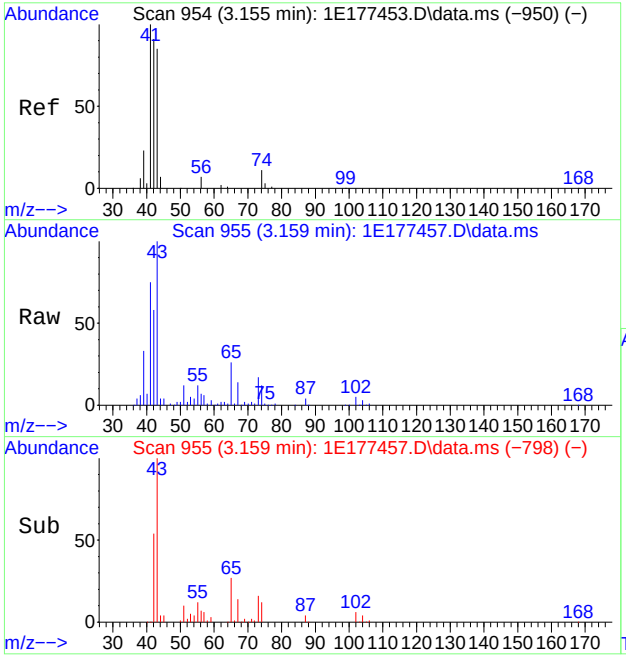


#47
carbon tetrachloride
Concen: 209.20 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:117 Resp: 485595

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.4	116.4
121	31.2	12.4	52.4
82	24.8	4.0	44.0

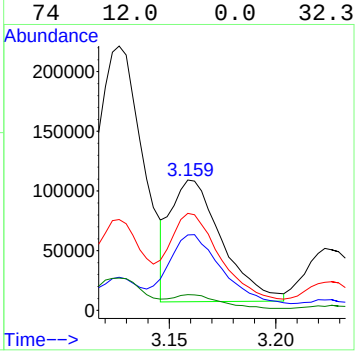


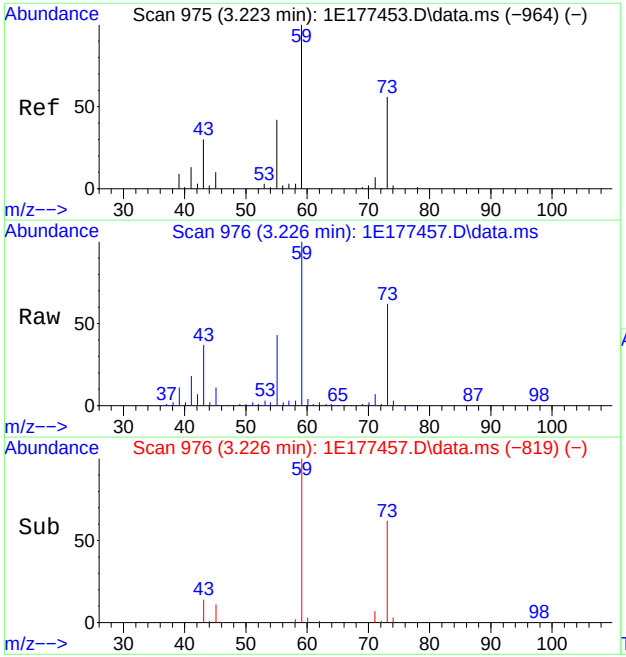


#48
isobutyl alcohol
Concen: 1827.26 ug/L
RT: 3.159 min Scan# 955
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 43 Resp: 171087

Ion	Ratio	Lower	Upper
43	100		
42	59.5	34.0	74.0
41	75.6	52.4	92.4
74	12.0	0.0	32.3

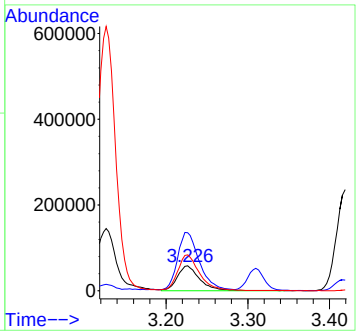


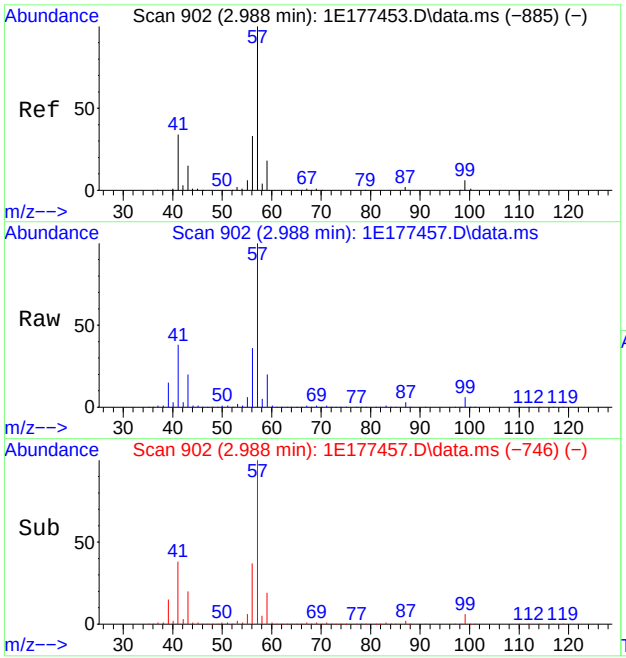


#49
tert-amyl alcohol
Concen: 1074.94 ug/L
RT: 3.226 min Scan# 976
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 55 Resp: 109607

Ion	Ratio	Lower	Upper
55	100		
59	231.4	210.1	250.1
73	143.1	111.6	151.6

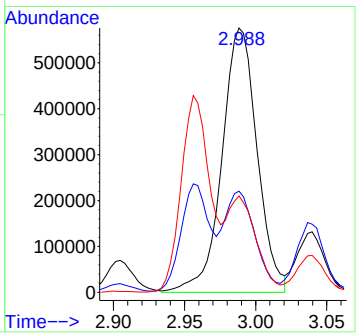


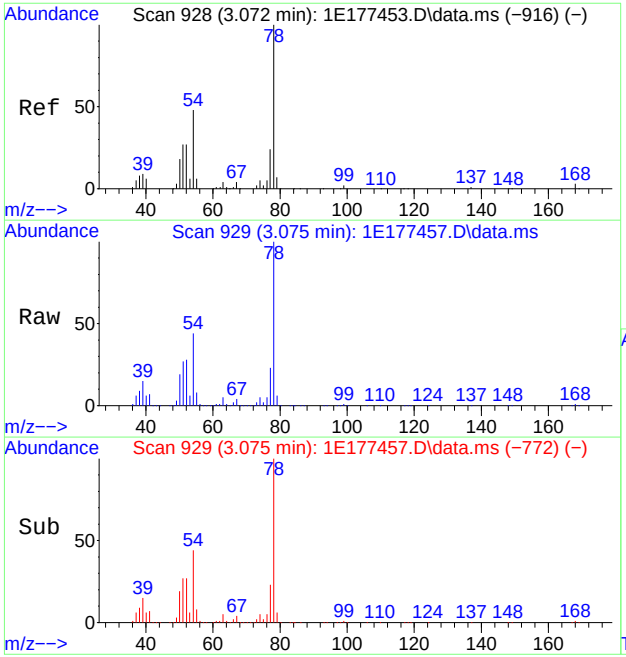


#52
iso-octane
Concen: 228.48 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 57 Resp: 992981

Ion	Ratio	Lower	Upper
57	100		
41	37.1	14.3	54.3
56	35.0	13.6	53.6

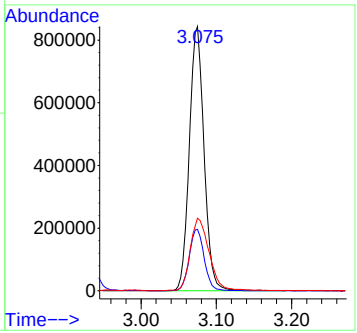


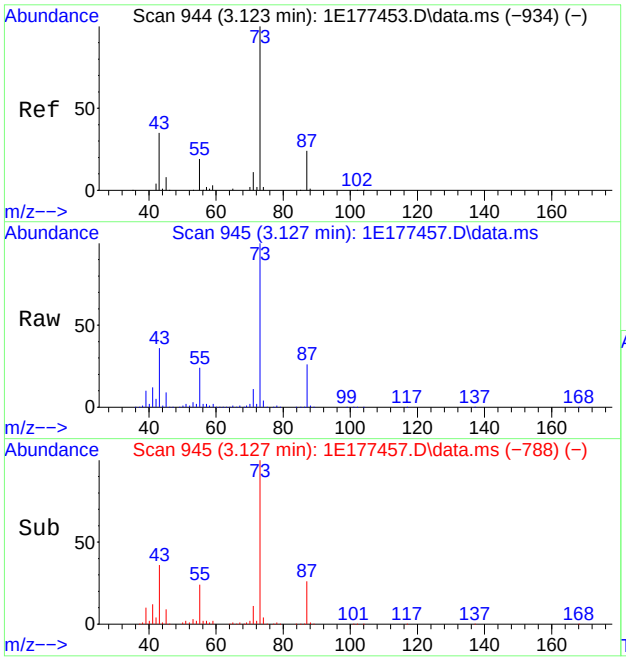


#53
benzene
Concen: 214.45 ug/L
RT: 3.075 min Scan# 929
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 78 Resp: 1144423

Ion	Ratio	Lower	Upper
78	100		
77	23.2	0.0	54.3
52	27.4	0.0	57.1

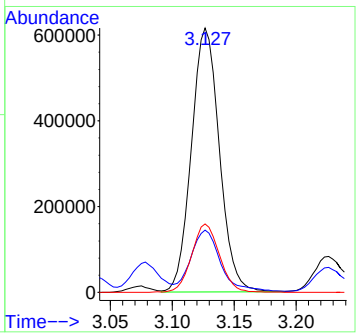


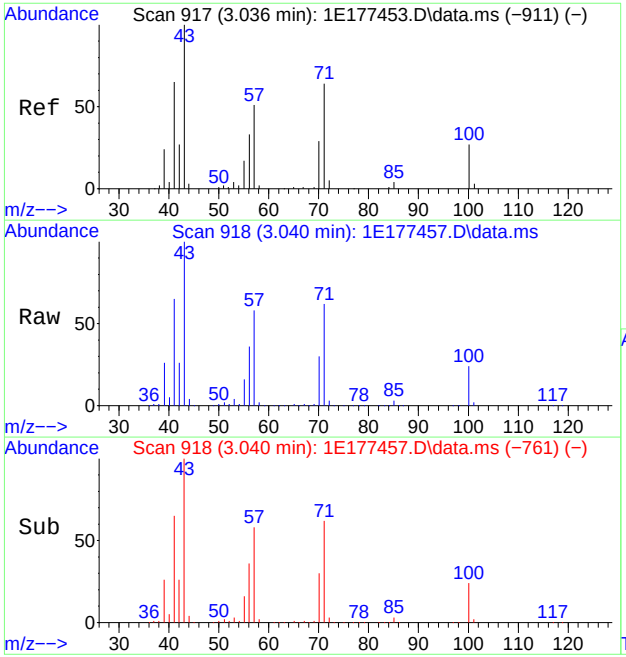


#54
tert-amyl methyl ether
Concen: 219.67 ug/L
RT: 3.127 min Scan# 945
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 73 Resp: 966622

Ion	Ratio	Lower	Upper
73	100		
55	23.2	2.5	42.5
87	25.9	5.0	45.0

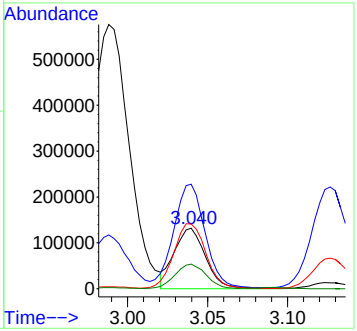


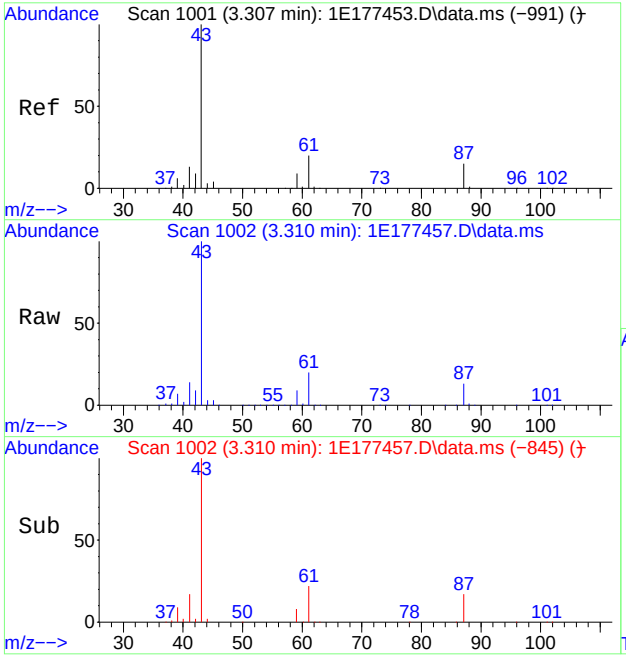


#55
heptane
Concen: 224.82 ug/L
RT: 3.040 min Scan# 918
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 57 Resp: 182844

Ion	Ratio	Lower	Upper
57	100		
43	169.4	129.2	189.2
71	106.9	71.9	131.9
100	39.9	10.2	70.2

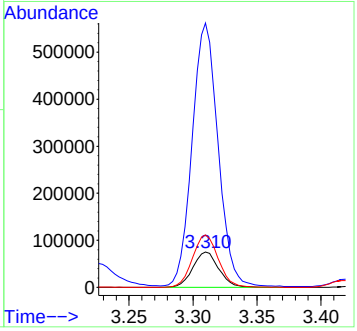


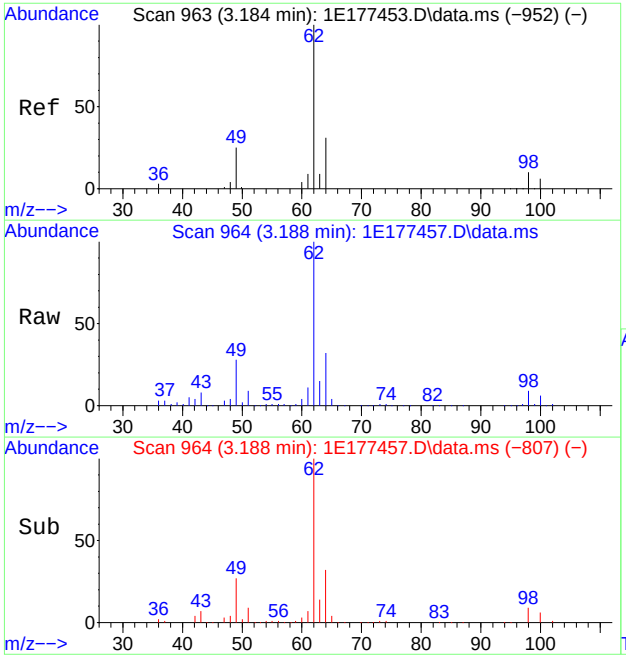


#56
isopropyl acetate
Concen: 223.05 ug/L
RT: 3.310 min Scan# 1002
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 87 Resp: 106614

Ion	Ratio	Lower	Upper
87	100		
43	743.9	647.0	707.0#
61	147.7	104.0	164.0

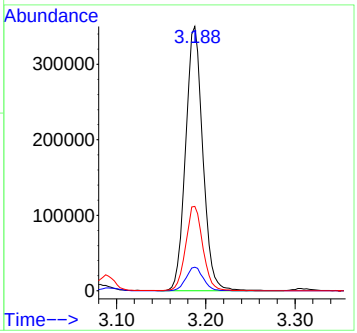


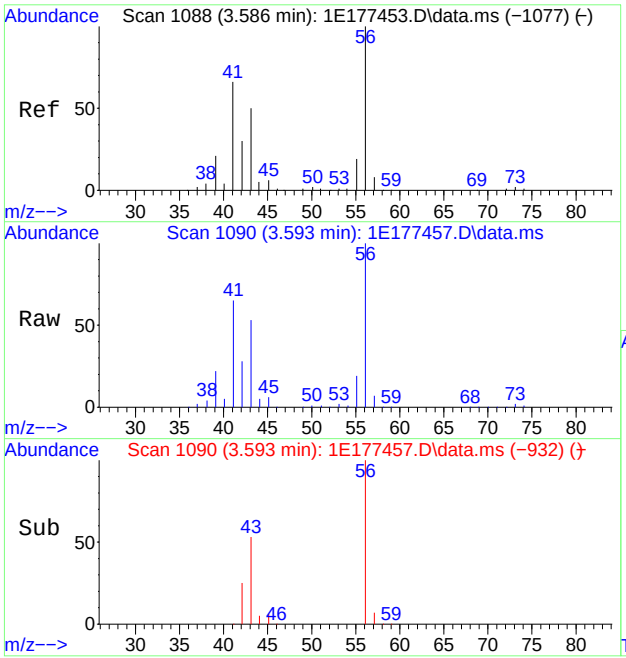


#57
1,2-dichloroethane
Concen: 215.70 ug/L
RT: 3.188 min Scan# 964
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 62 Resp: 469309

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	39.5
64	31.9	1.9	61.9

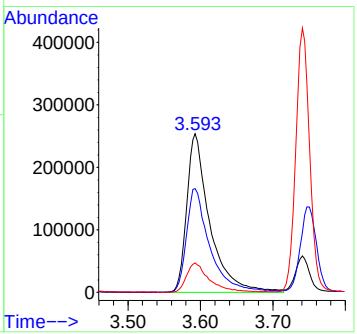


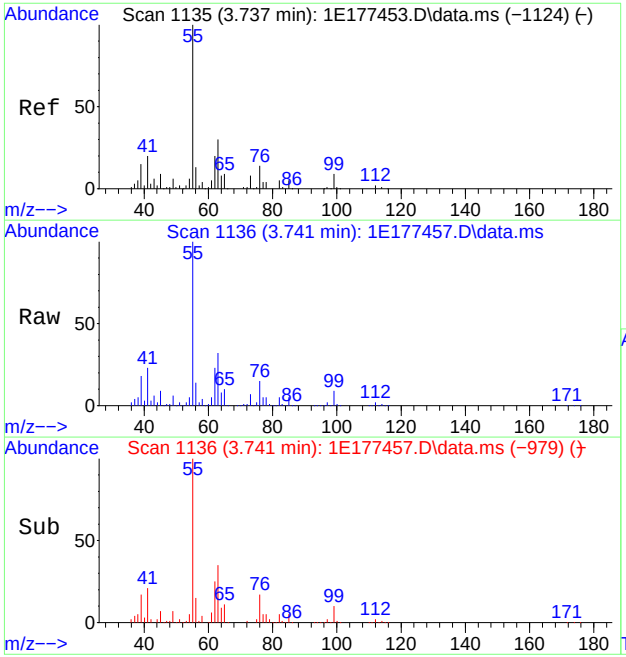


#58
n-butyl alcohol
Concen: 10451.18 ug/L
RT: 3.593 min Scan# 1090
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 56 Resp: 560685

Ion	Ratio	Lower	Upper
56	100		
41	65.3	46.6	86.6
55	18.5	0.0	39.2

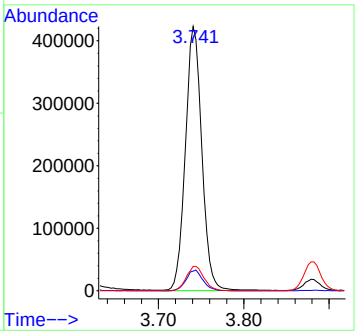


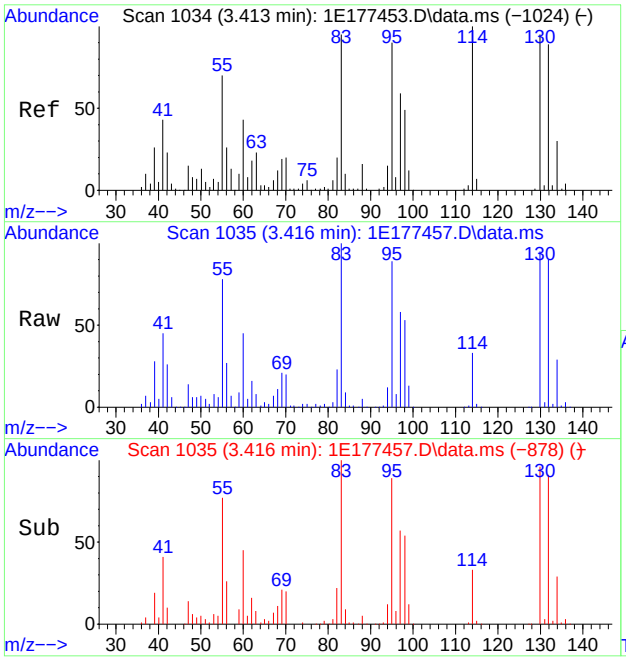


#59
ethyl acrylate
Concen: 226.11 ug/L
RT: 3.741 min Scan# 1136
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 55 Resp: 565994

Ion	Ratio	Lower	Upper
55	100		
73	7.5	0.0	37.9
99	9.3	0.0	38.9

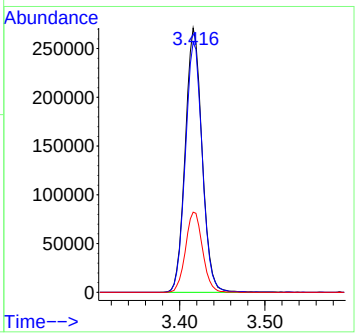


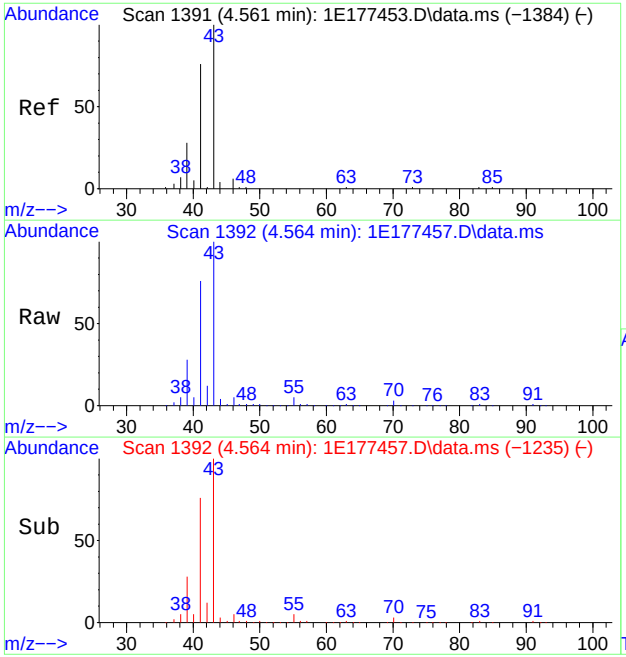


#60
trichloroethene
Concen: 228.60 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:130 Resp: 371232

Ion	Ratio	Lower	Upper
130	100		
132	94.5	63.8	123.8
134	30.3	1.3	61.3

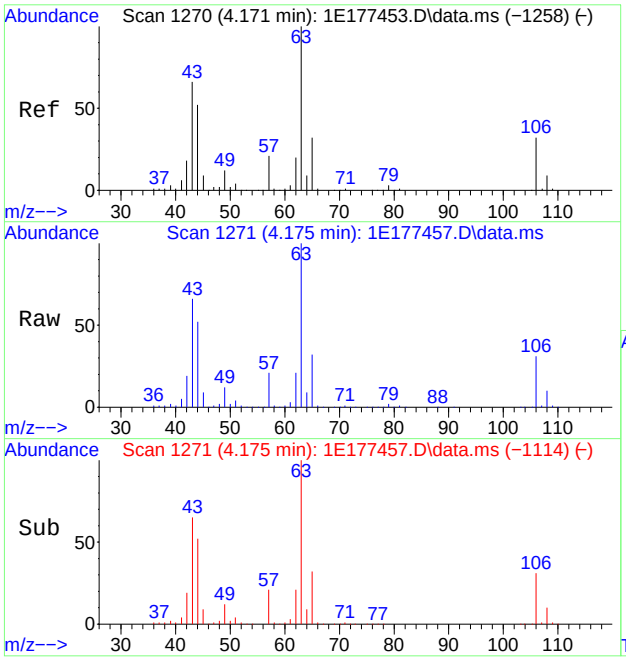




#61
2-nitropropane
Concen: 232.68 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 41 Resp: 185050

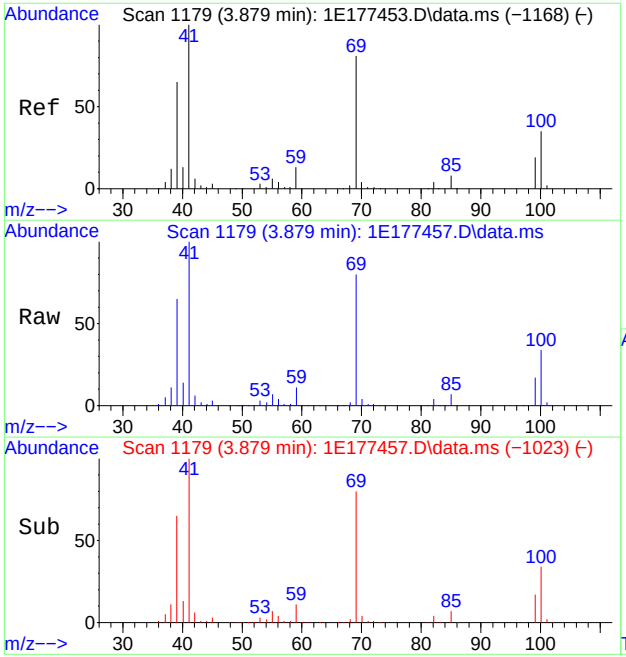
Ion	Ratio	Lower	Upper
41	100		
43	130.6	93.3	153.3
39	36.2	9.2	69.2
46	6.4	0.0	37.8



#62
2-chloroethyl vinyl ether
Concen: 1128.70 ug/L
RT: 4.175 min Scan# 1271
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 63 Resp: 1011623

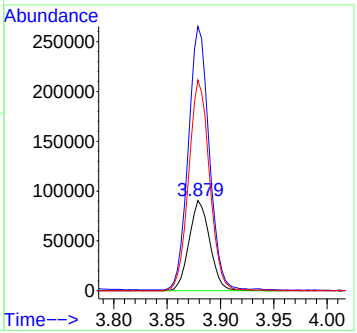
Ion	Ratio	Lower	Upper
63	100		
65	31.5	1.9	61.9
106	31.0	2.0	62.0

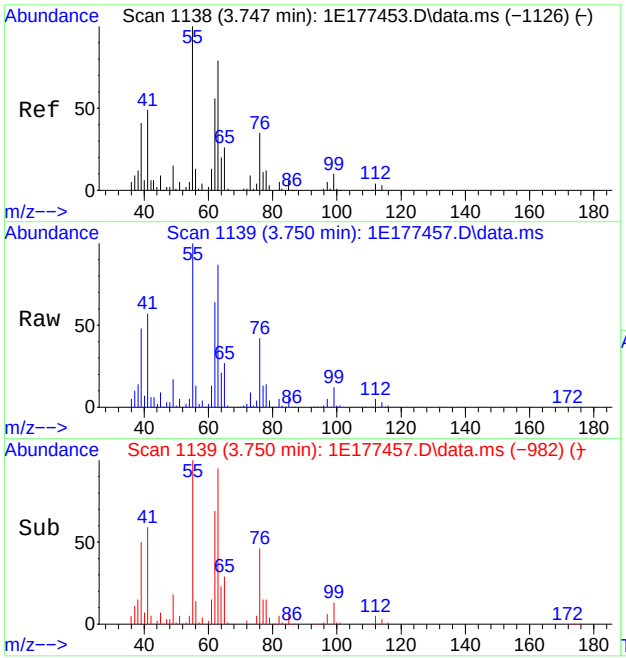


#63
methyl methacrylate
Concen: 221.46 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:100 Resp: 122916

Ion	Ratio	Lower	Upper
100	100		
41	292.4	253.3	313.3
69	233.7	198.3	258.3

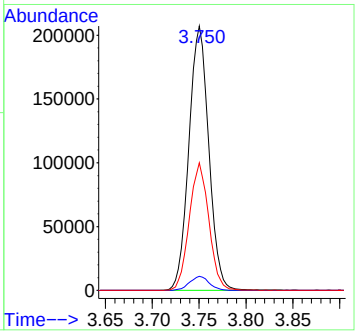


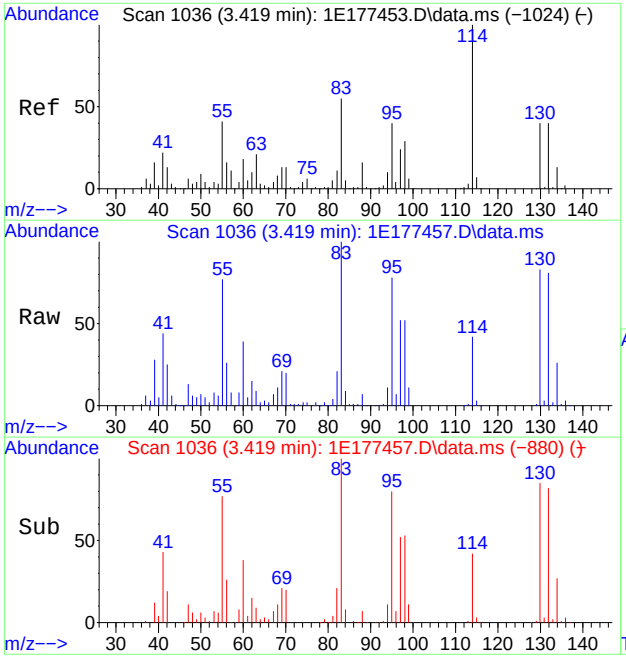


#64
1,2-dichloropropane
Concen: 219.87 ug/L
RT: 3.750 min Scan# 1139
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 63 Resp: 307454

Ion	Ratio	Lower	Upper
63	100		
112	5.3	0.0	34.8
76	48.3	14.8	74.8

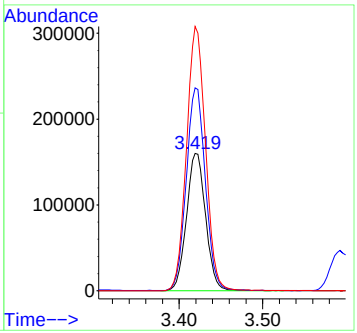


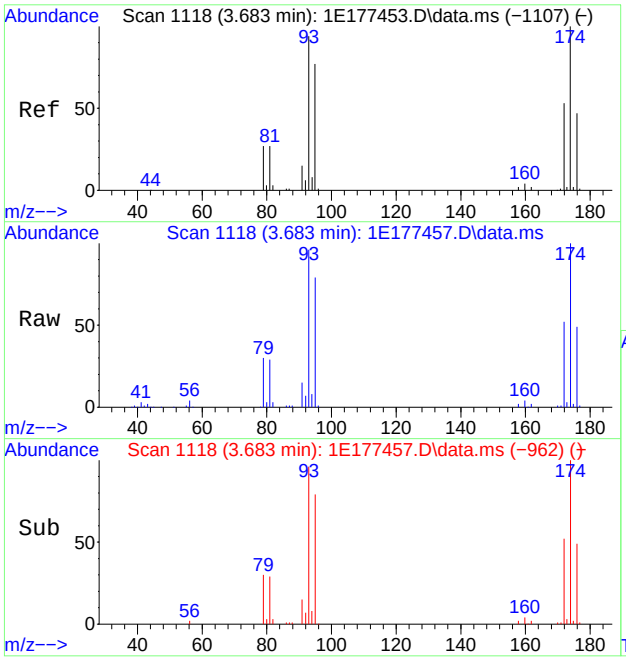


#65
methylcyclohexane
Concen: 220.73 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 98 Resp: 254916

Ion	Ratio	Lower	Upper
98	100		
55	147.3	109.6	169.6
83	192.3	187.2	187.2#

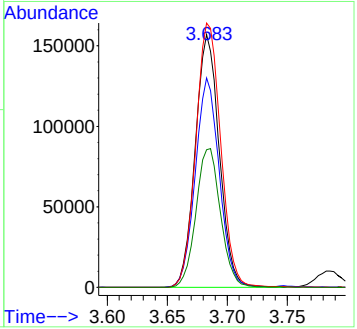


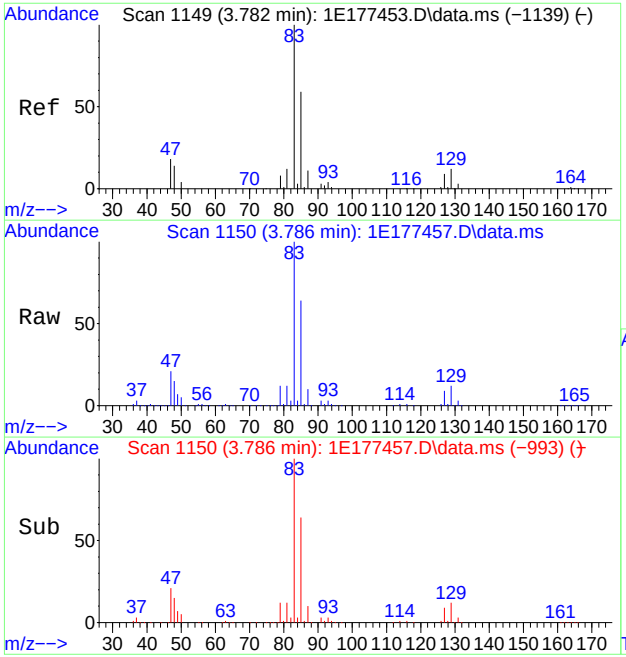


#66
dibromomethane
Concen: 211.02 ug/L
RT: 3.683 min Scan# 1118
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 93 Resp: 219232

Ion	Ratio	Lower	Upper
93	100		
95	82.8	51.7	111.7
174	104.6	76.6	136.6
172	54.4	36.3	76.3

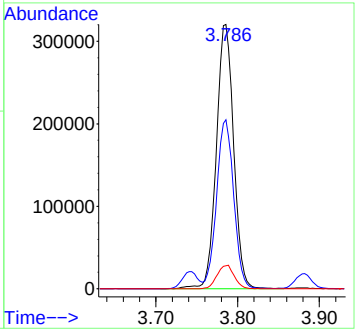


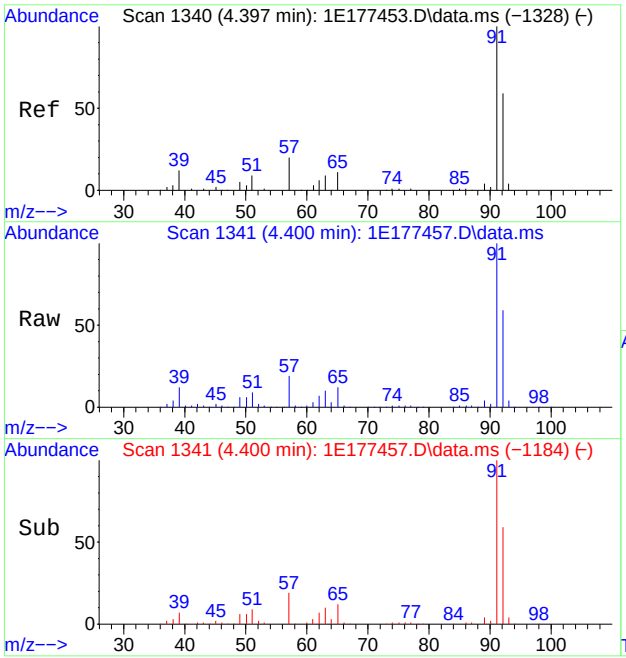


#67
bromodichloromethane
Concen: 231.40 ug/L
RT: 3.786 min Scan# 1150
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 83 Resp: 472517

Ion	Ratio	Lower	Upper
83	100		
85	63.9	33.0	93.0
127	8.7	0.0	38.8

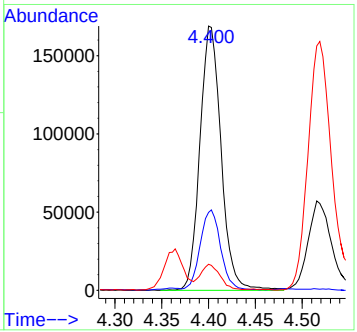


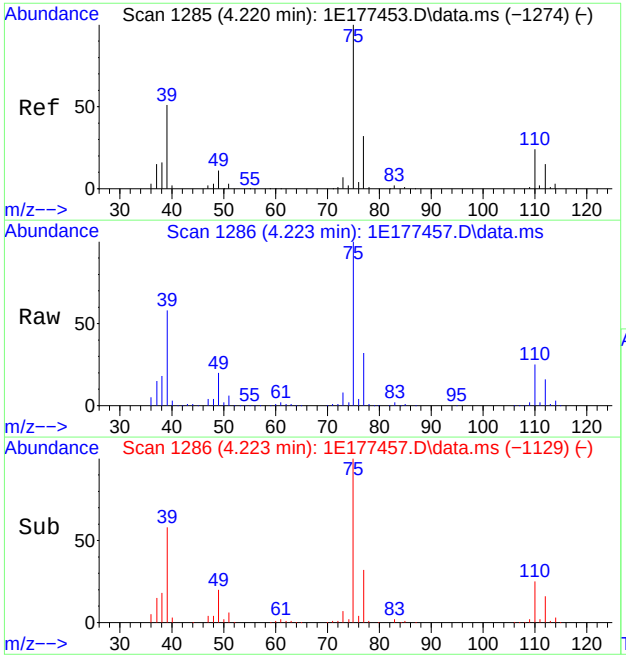


#68
epichlorohydrin
Concen: 1067.70 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 57 Resp: 266768

Ion	Ratio	Lower	Upper
57	100		
49	29.0	8.6	48.6
42	9.7	0.0	30.2

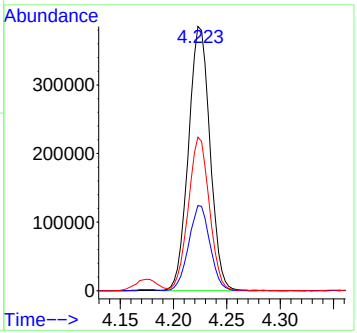


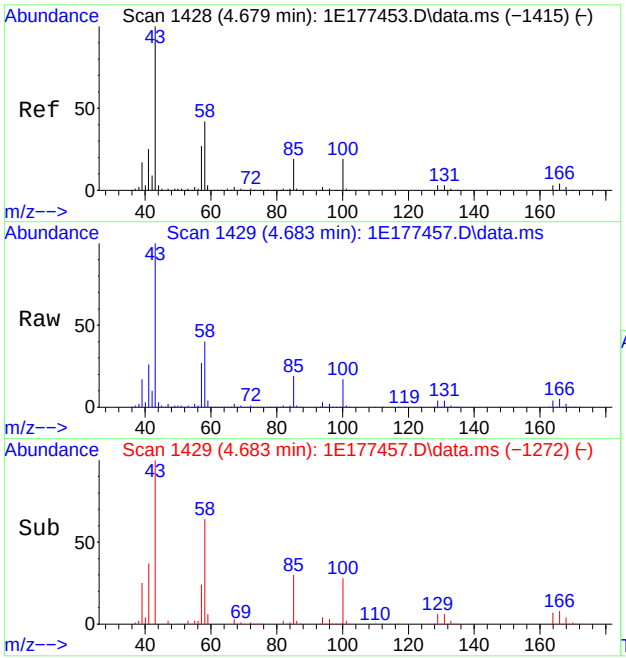


#69
cis-1,3-dichloropropene
Concen: 225.76 ug/L
RT: 4.223 min Scan# 1286
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 75 Resp: 541729

Ion	Ratio	Lower	Upper
75	100		
77	32.2	2.1	62.1
39	58.1	23.0	83.0

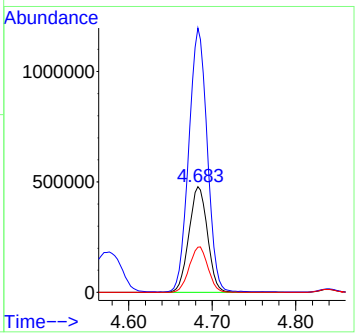


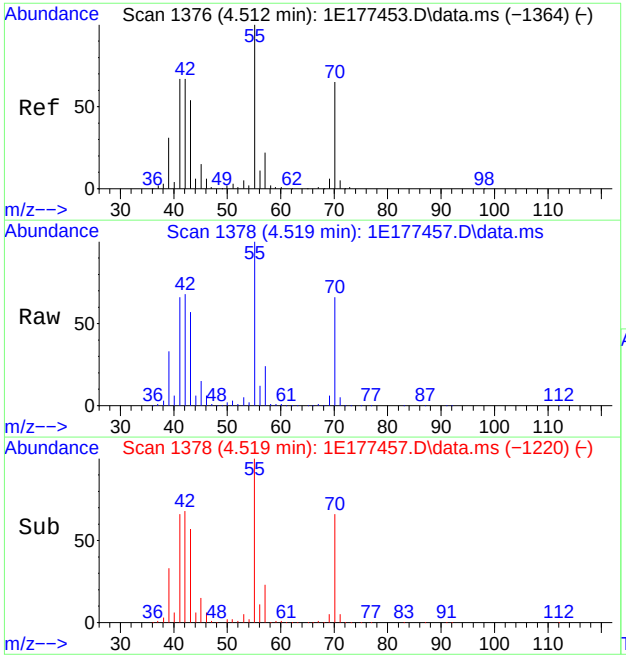


#70
4-methyl-2-pentanone
Concen: 892.86 ug/L
RT: 4.683 min Scan# 1429
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 58 Resp: 741106

Ion	Ratio	Lower	Upper
58	100		
43	249.6	210.4	270.4
100	42.8	14.6	74.6

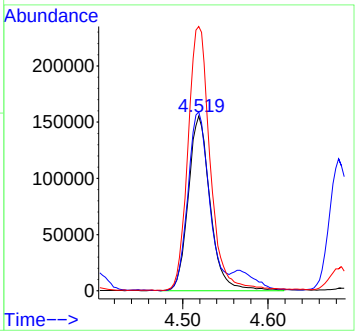


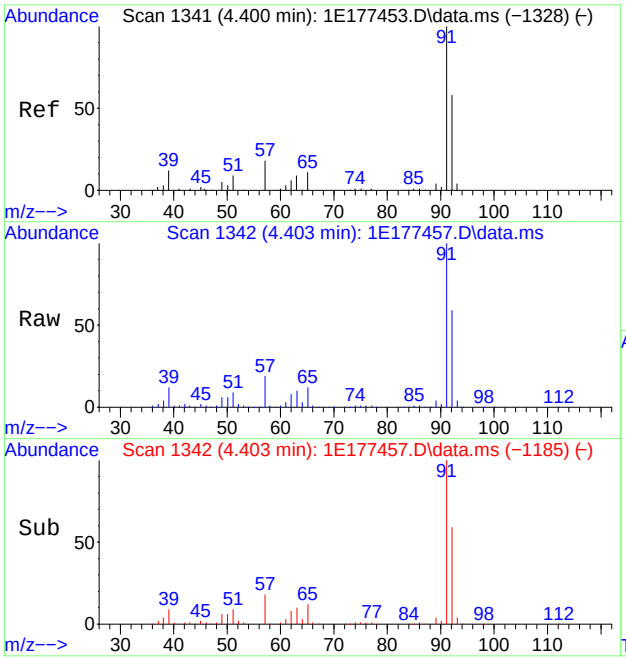


#71
3-methyl-1-butanol
Concen: 4561.85 ug/L
RT: 4.519 min Scan# 1378
Delta R.T. 0.007 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 70 Resp: 278065

Ion	Ratio	Lower	Upper
70	100		
42	102.5	73.1	133.1
55	151.3	123.9	183.9

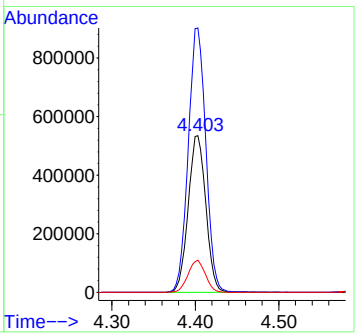


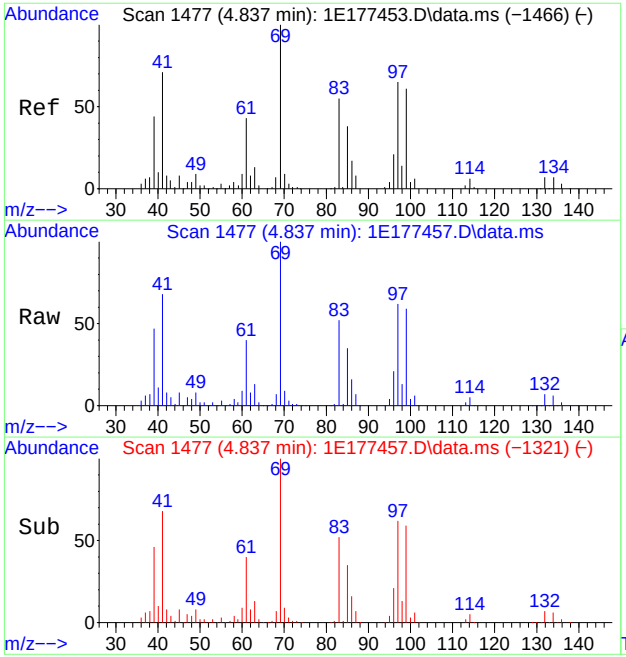


#74
toluene
Concen: 216.18 ug/L
RT: 4.403 min Scan# 1342
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 92 Resp: 785169

Ion	Ratio	Lower	Upper
92	100		
91	168.9	151.4	191.4
65	20.5	0.0	39.2

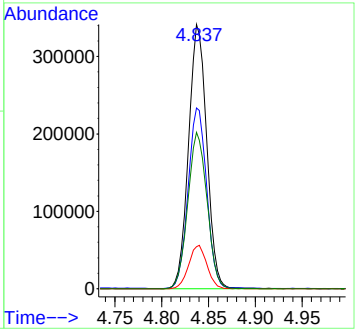


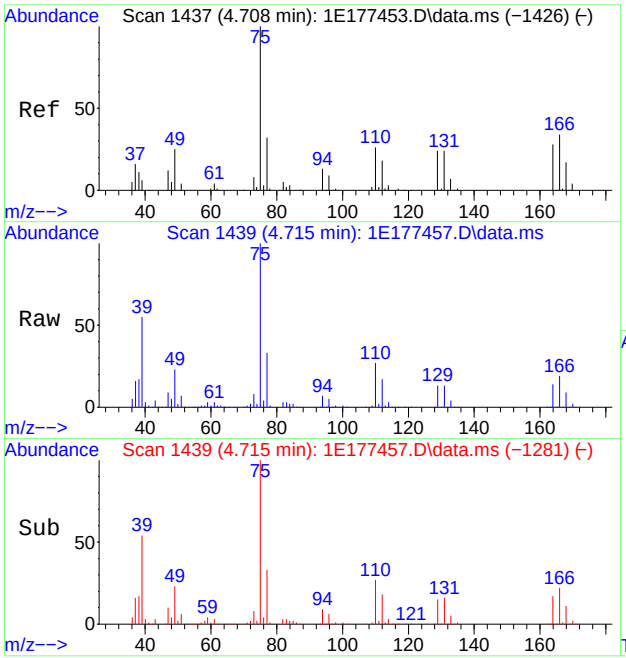


#75
ethyl methacrylate
Concen: 215.37 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 69 Resp: 462244

Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.1	91.1
86	15.9	0.0	36.7
99	59.2	41.3	81.3

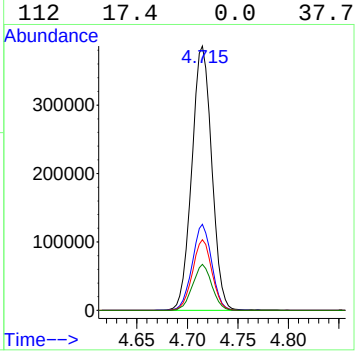




#76
trans-1,3-dichloropropene
Concen: 223.89 ug/L
RT: 4.715 min Scan# 1439
Delta R.T. 0.006 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

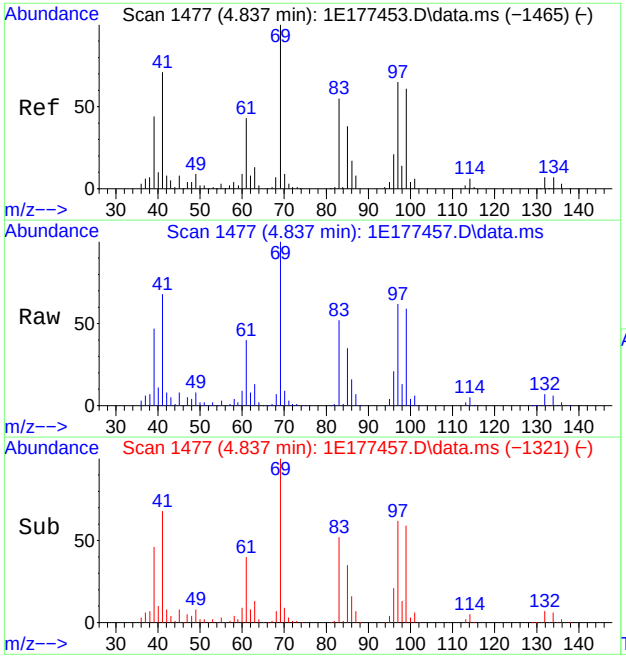
Tgt Ion: 75 Resp: 530414

Ion	Ratio	Lower	Upper
75	100		
77	32.6	12.4	52.4
110	26.7	6.3	46.3
112	17.4	0.0	37.7



7.6.10

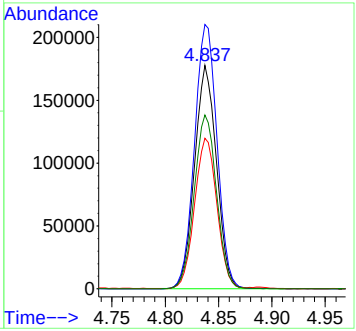
7

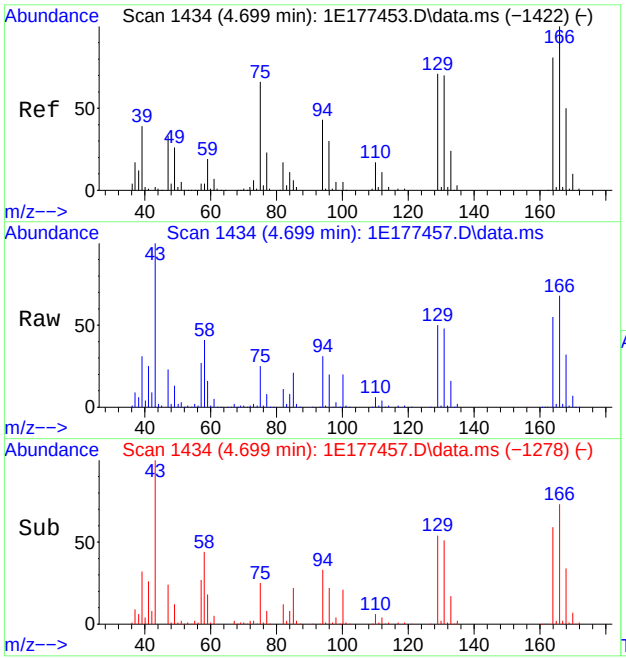


#77
1,1,2-trichloroethane
Concen: 200.93 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 83 Resp: 255005

Ion	Ratio	Lower	Upper
83	100		
97	118.4	97.4	137.4
85	67.3	48.3	88.3
61	77.8	56.7	96.7

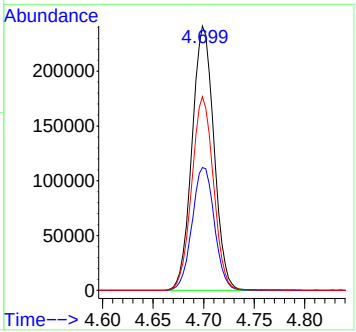


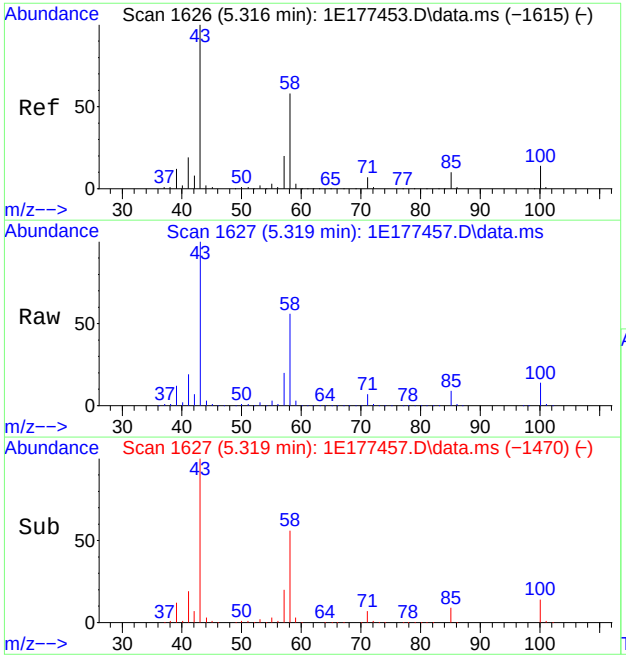


#78
tetrachloroethene
Concen: 212.17 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:166 Resp: 365078

Ion	Ratio	Lower	Upper
166	100		
168	46.4	20.1	80.1
129	73.2	41.0	101.0

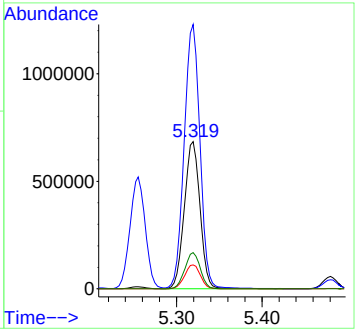


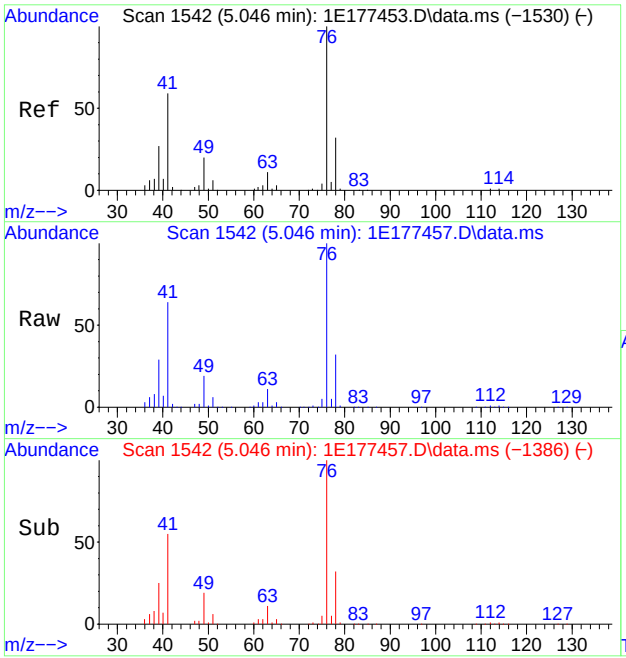


#79
2-hexanone
Concen: 834.22 ug/L
RT: 5.319 min Scan# 1627
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 58 Resp: 876356

Ion	Ratio	Lower	Upper
58	100		
43	179.7	153.6	193.6
85	16.2	0.0	37.1
100	24.6	5.0	45.0

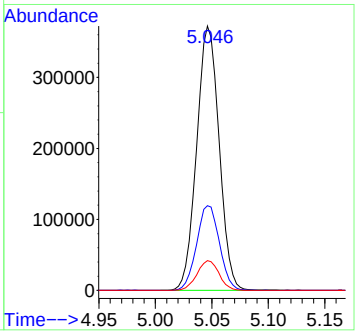


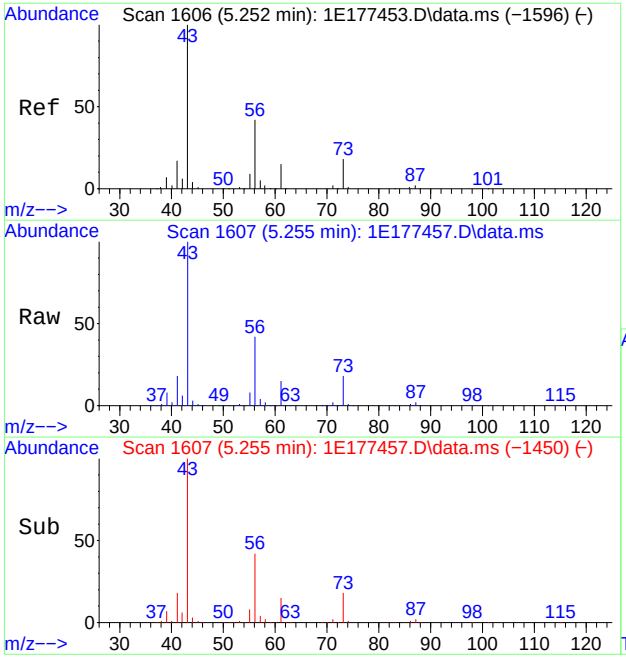


#80
1,3-dichloropropane
Concen: 209.12 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 76 Resp: 513672

Ion	Ratio	Lower	Upper
76	100		
78	32.1	2.4	62.4
63	11.3	0.0	41.1

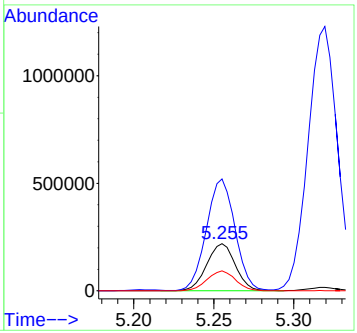


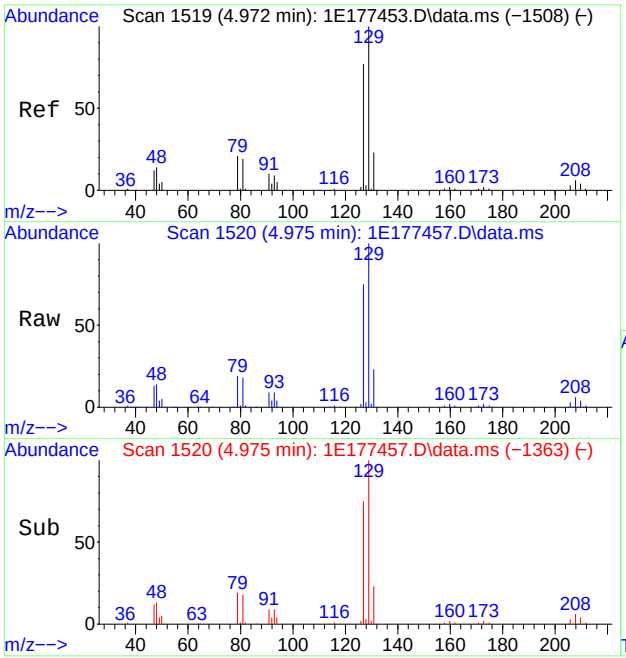


#81
butyl acetate
Concen: 217.51 ug/L
RT: 5.255 min Scan# 1607
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 56 Resp: 272506

Ion	Ratio	Lower	Upper
56	100		
43	236.6	205.8	265.8
73	42.4	13.1	73.1

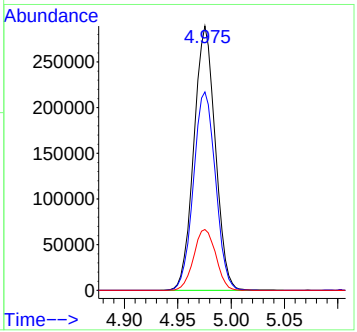


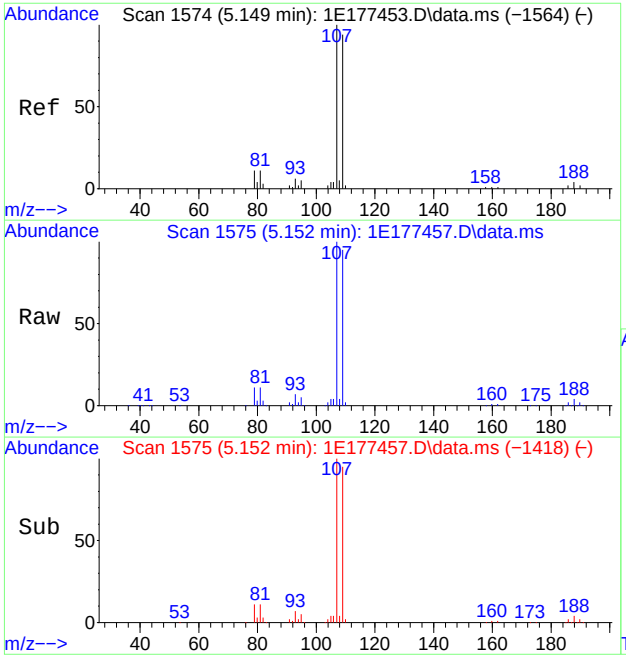


#82
dibromochloromethane
Concen: 216.16 ug/L
RT: 4.975 min Scan# 1520
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:129 Resp: 405296

Ion	Ratio	Lower	Upper
129	100		
127	75.1	47.3	107.3
131	23.0	0.0	52.9

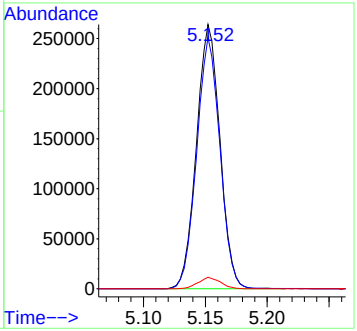


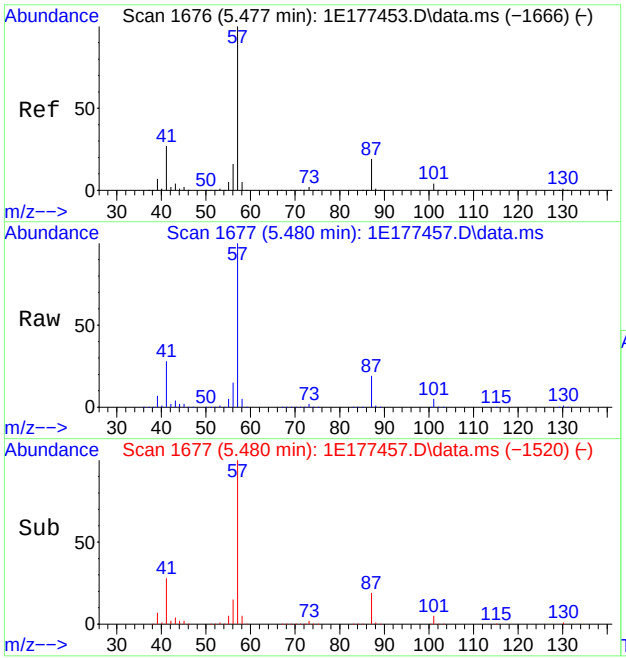


#83
1,2-dibromoethane
Concen: 212.81 ug/L
RT: 5.152 min Scan# 1575
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:107 Resp: 348315

Ion	Ratio	Lower	Upper
107	100		
109	95.0	63.9	123.9
188	4.3	0.0	34.1

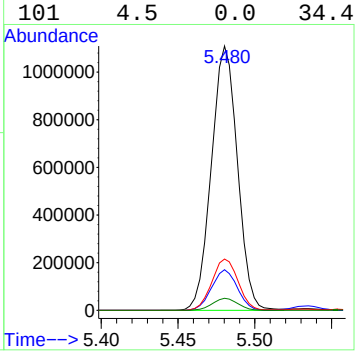


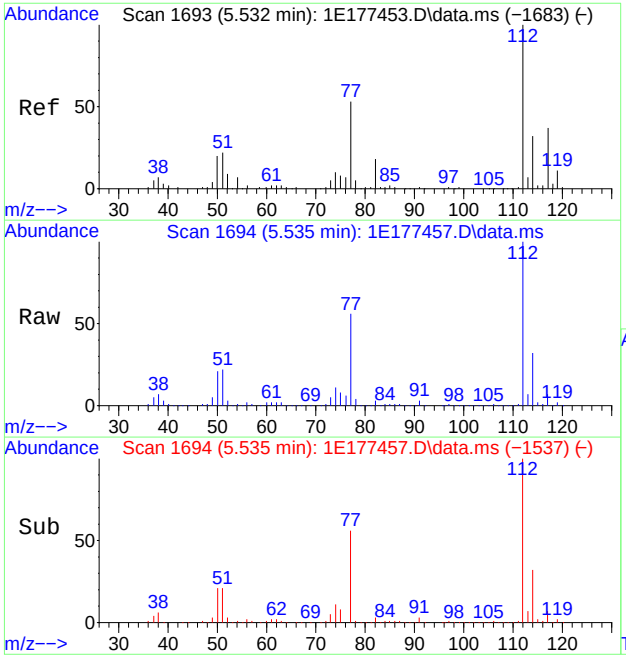


#84
n-butyl ether
Concen: 219.61 ug/L
RT: 5.480 min Scan# 1677
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 57 Resp: 1311705

Ion	Ratio	Lower	Upper
57	100		
56	15.4	0.0	45.9
87	19.5	0.0	49.2
101	4.5	0.0	34.4

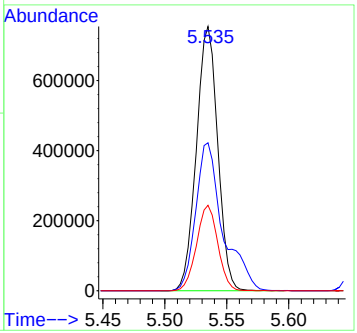


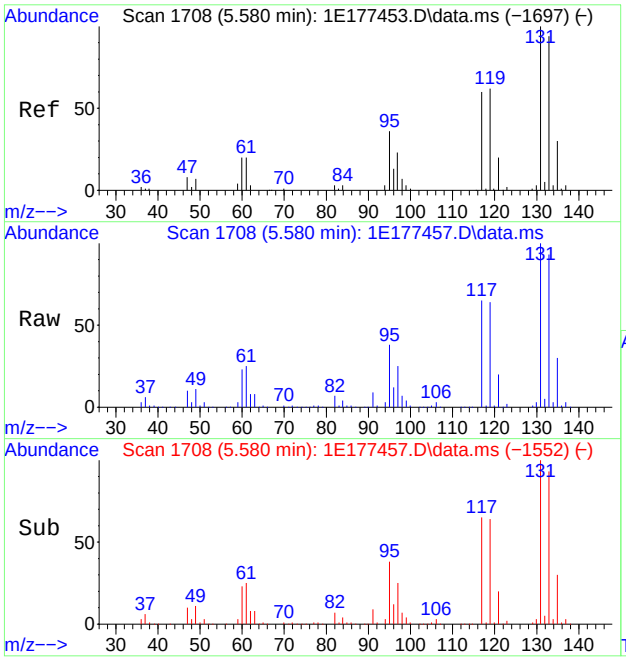


#85
chlorobenzene
Concen: 212.67 ug/L
RT: 5.535 min Scan# 1694
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:112 Resp: 903988

Ion	Ratio	Lower	Upper
112	100		
77	56.0	23.2	83.2
114	32.3	2.3	62.3

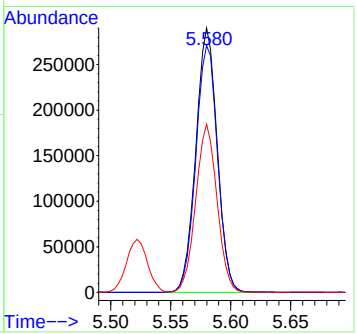


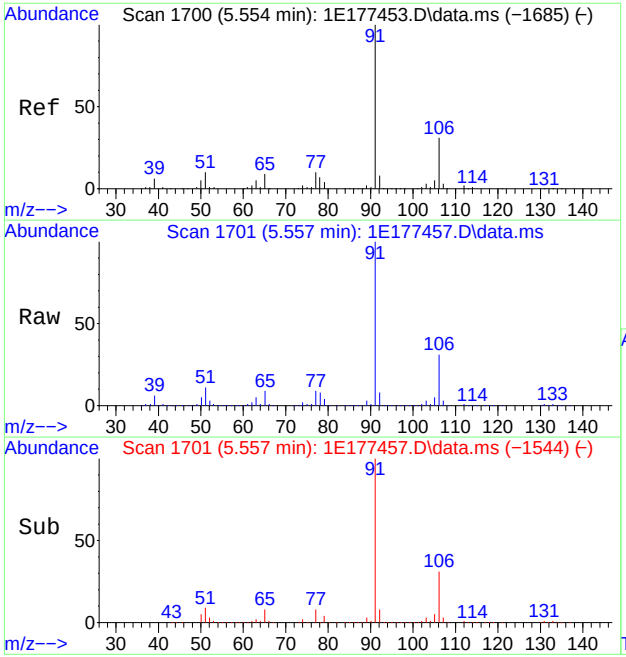


#86
1,1,1,2-tetrachloroethane
Concen: 218.94 ug/L
RT: 5.580 min Scan# 1708
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:131 Resp: 359144

Ion	Ratio	Lower	Upper
131	100		
133	93.3	64.5	124.5
119	63.5	33.5	93.5

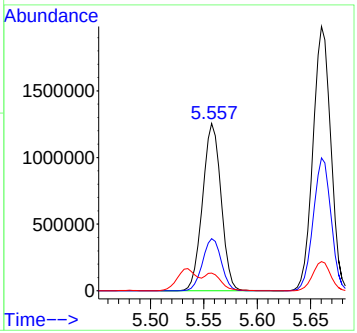


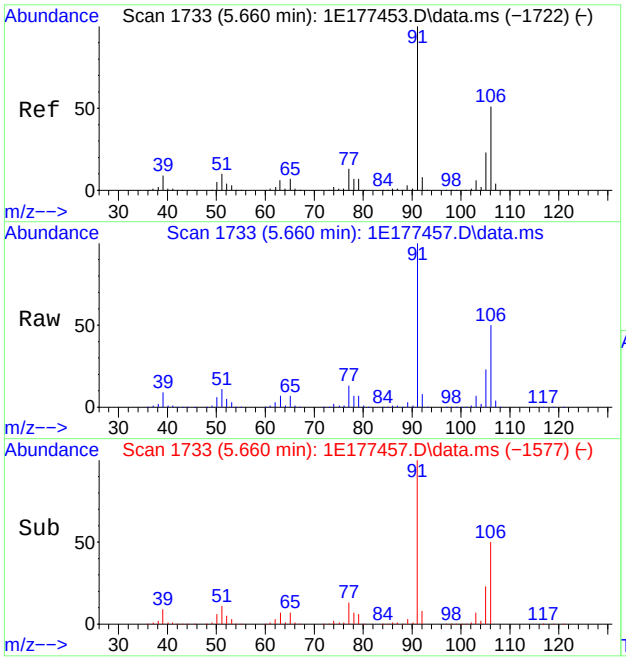


#87
ethylbenzene
Concen: 216.86 ug/L
RT: 5.557 min Scan# 1701
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 91 Resp: 1516021

Ion	Ratio	Lower	Upper
91	100		
106	31.1	1.0	61.0
51	10.5	0.0	40.1

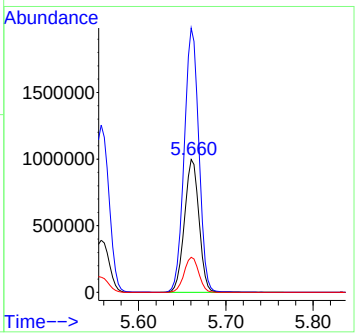


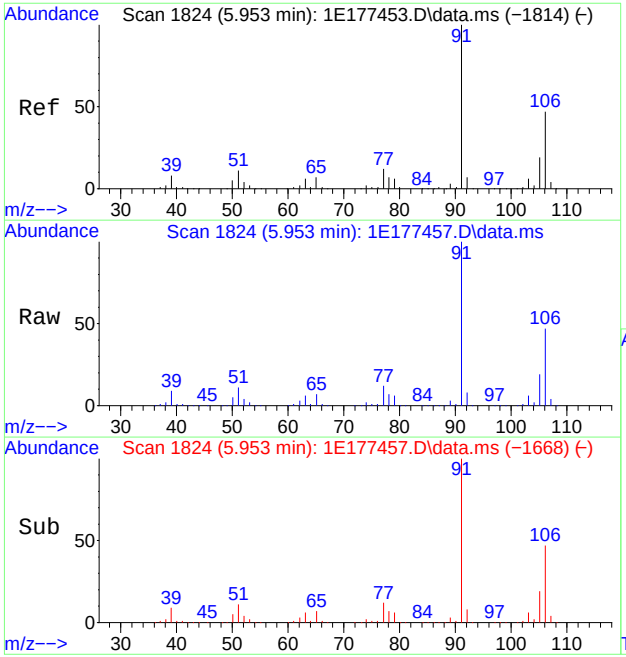


#88
m,p-xylene
Concen: 420.81 ug/L
RT: 5.660 min Scan# 1733
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:106 Resp: 1157806

Ion	Ratio	Lower	Upper
106	100		
91	198.9	166.4	226.4
77	26.5	5.3	45.3

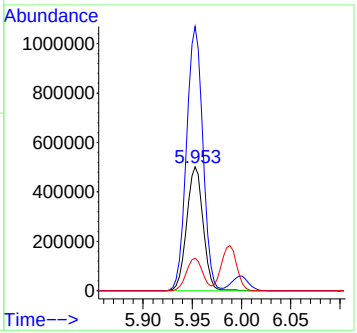


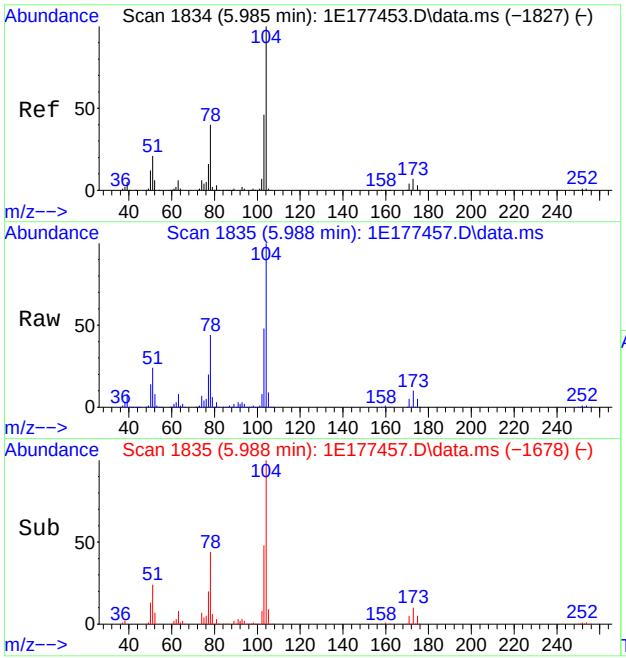


#89
o-xylene
Concen: 213.89 ug/L
RT: 5.953 min Scan# 1824
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:106 Resp: 581539

Ion	Ratio	Lower	Upper
106	100		
91	213.6	184.0	244.0
77	26.4	6.6	46.6

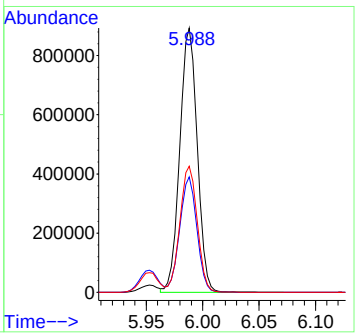


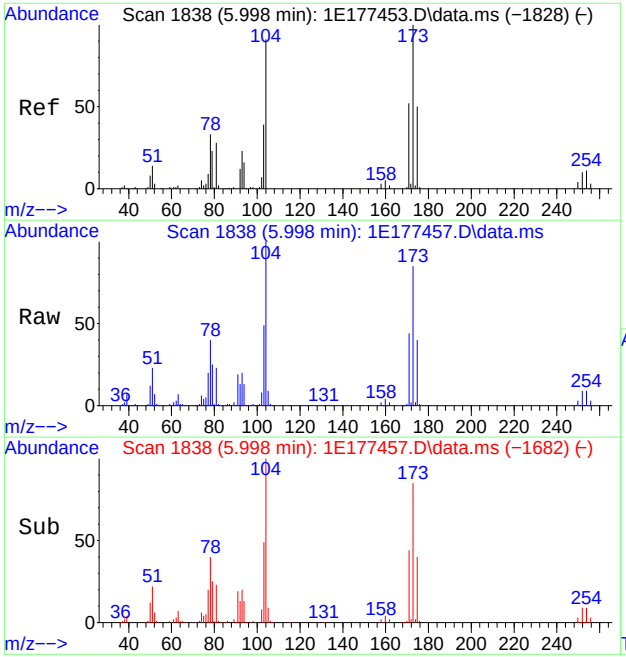


#90
styrene
Concen: 213.38 ug/L
RT: 5.988 min Scan# 1835
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:104 Resp: 970286

Ion	Ratio	Lower	Upper
104	100		
78	43.7	12.2	72.2
103	47.7	18.0	78.0

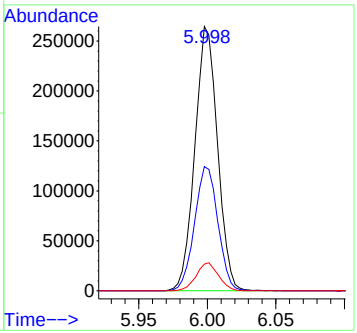


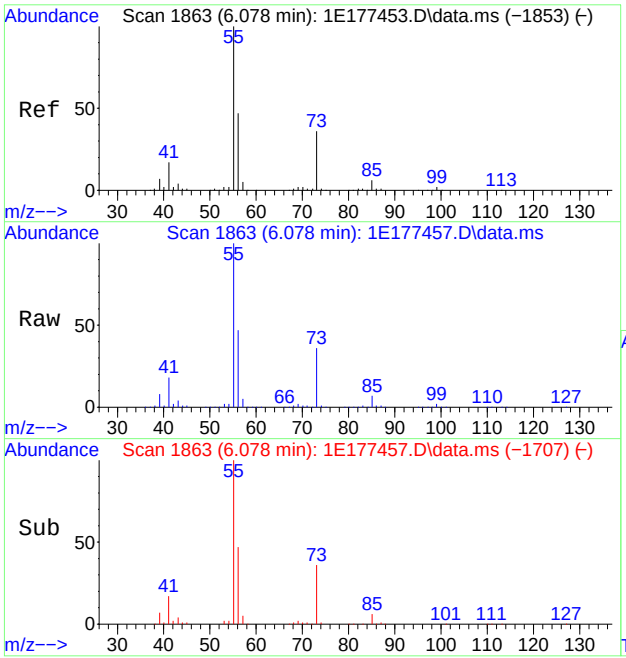


#91
bromoform
Concen: 222.96 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:173 Resp: 304328

Ion	Ratio	Lower	Upper
173	100		
175	47.0	20.2	80.2
254	10.1	0.0	40.9

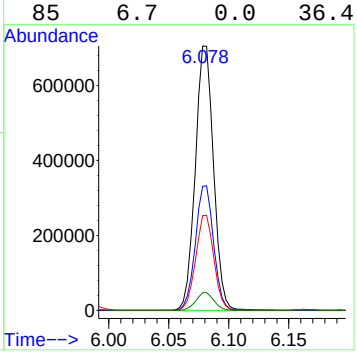


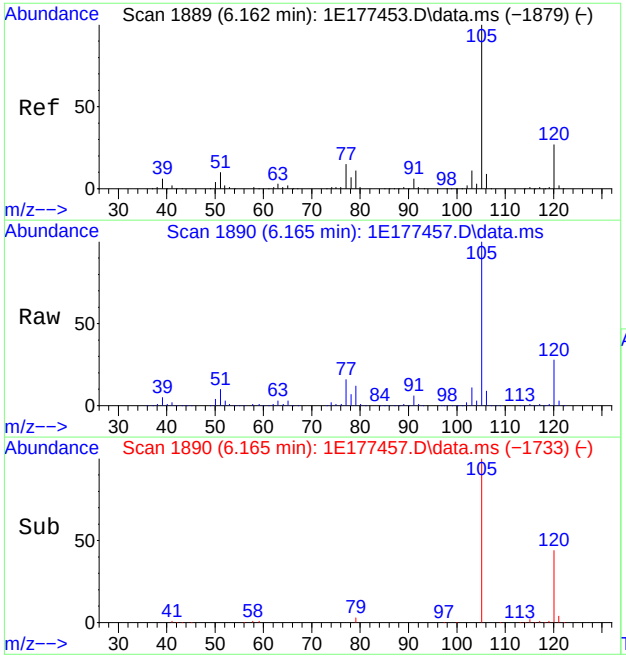


#92
butyl acrylate
Concen: 222.97 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 55 Resp: 748602

Ion	Ratio	Lower	Upper
55	100		
56	46.9	17.5	77.5
73	35.8	5.8	65.8
85	6.7	0.0	36.4

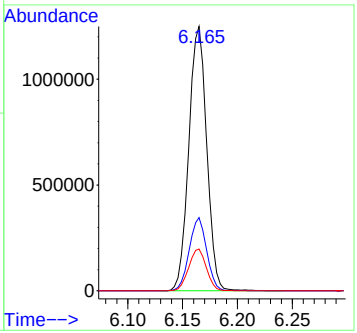


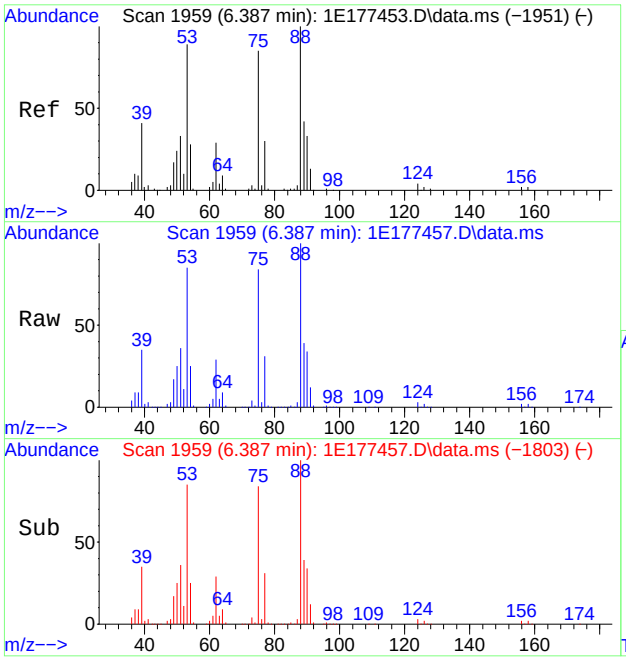


#93
isopropylbenzene
Concen: 216.42 ug/L
RT: 6.165 min Scan# 1890
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:105 Resp: 1423915

Ion	Ratio	Lower	Upper
105	100		
120	27.7	6.8	46.8
77	15.8	0.0	34.9

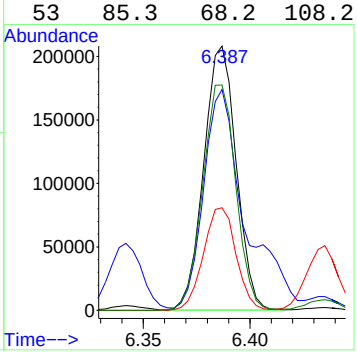


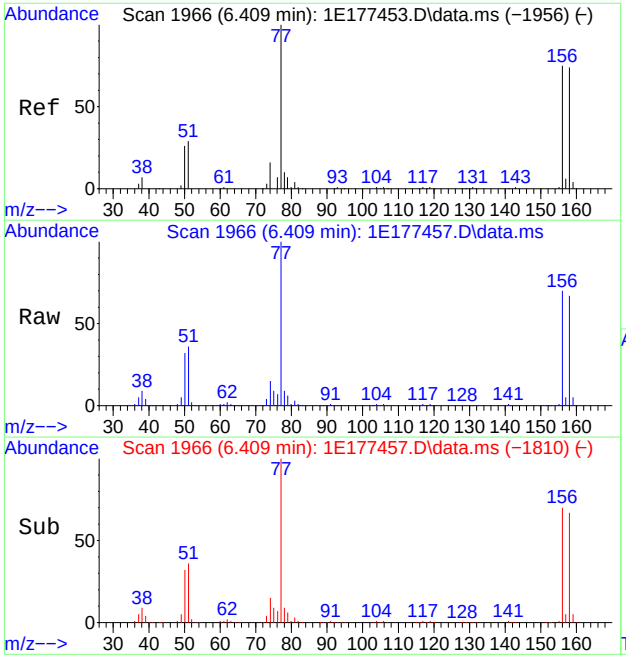


#94
cis-1,4-dichloro-2-butene
Concen: 242.40 ug/L
RT: 6.387 min Scan# 1959
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 88 Resp: 220129

Ion	Ratio	Lower	Upper
88	100		
75	81.7	64.1	104.1
89	38.9	22.2	62.2
53	85.3	68.2	108.2

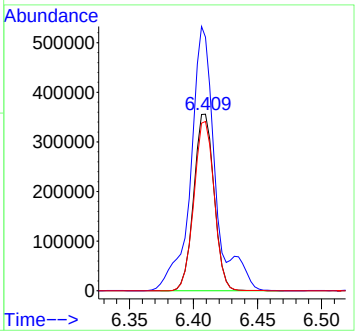


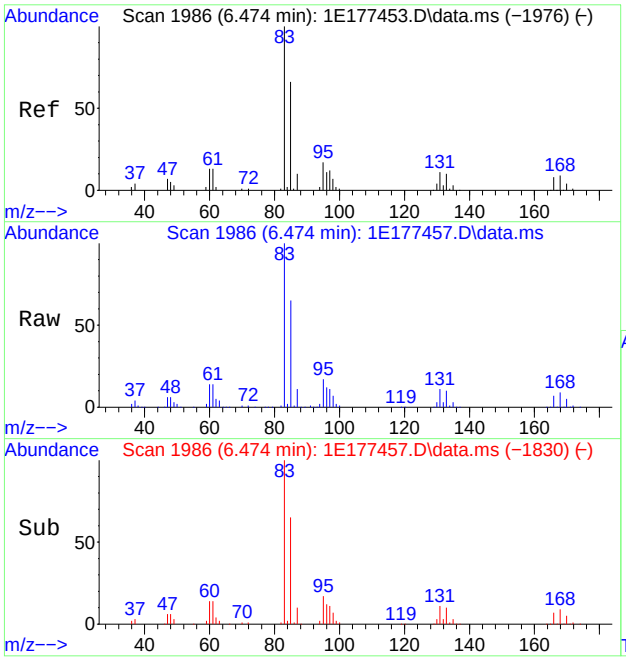


#97
bromobenzene
Concen: 222.19 ug/L
RT: 6.409 min Scan# 1966
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:156 Resp: 393271

Ion	Ratio	Lower	Upper
156	100		
77	143.5	106.4	166.4
158	96.0	68.2	128.2

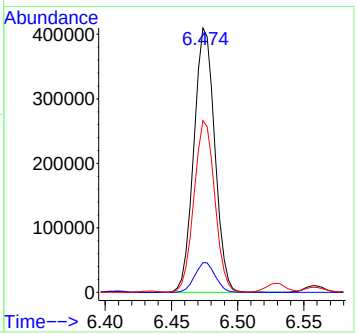


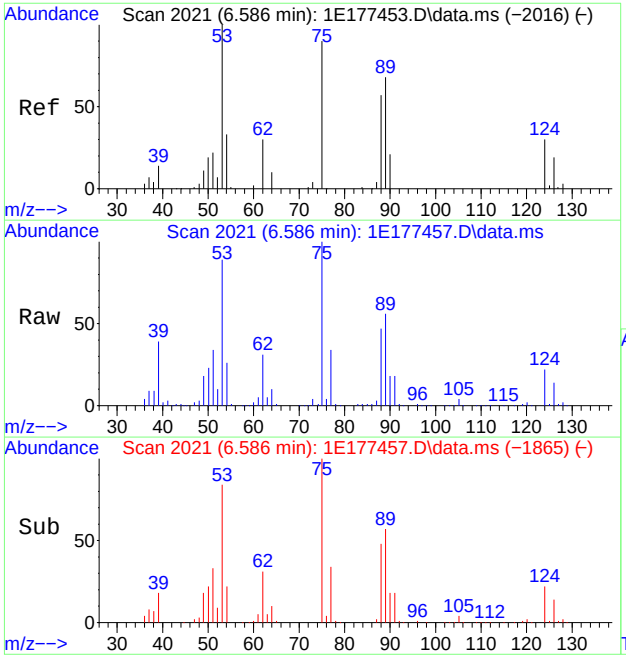


#98
1,1,2,2-tetrachloroethane
Concen: 210.32 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 83 Resp: 449977

Ion	Ratio	Lower	Upper
83	100		
131	11.2	0.0	41.0
85	64.7	36.4	96.4

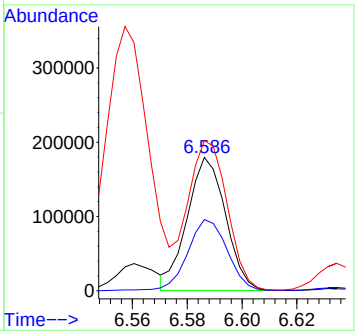


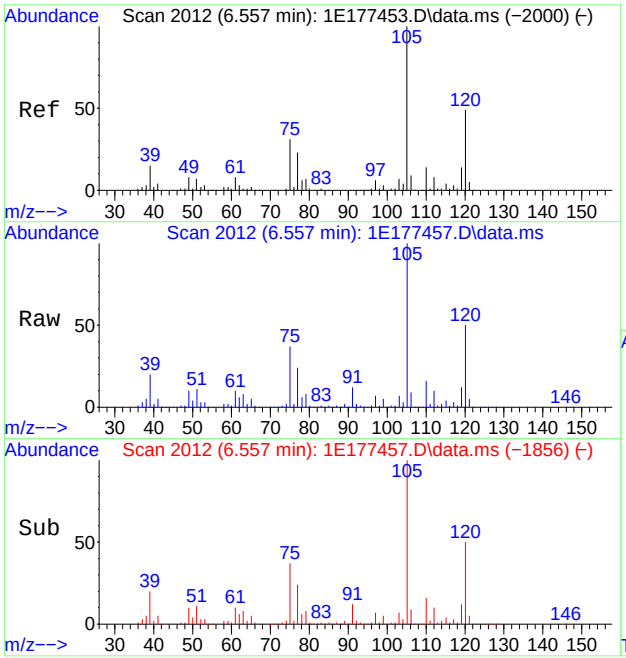


#99
trans-1,4-dichloro-2-butene
Concen: 241.94 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 53 Resp: 174105

Ion	Ratio	Lower	Upper
53	100		
88	53.4	22.7	82.7
75	112.4	94.8	154.8

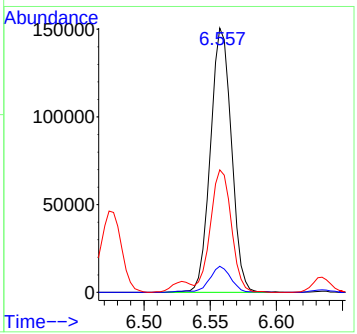


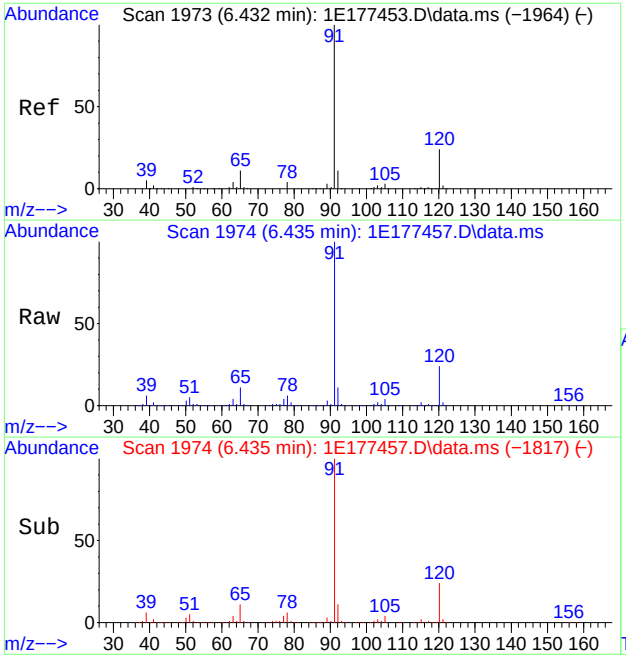


#100
1,2,3-trichloropropane
Concen: 210.71 ug/L
RT: 6.557 min Scan# 2012
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:110 Resp: 165997

Ion	Ratio	Lower	Upper
110	100		
111	9.8	0.0	38.2
97	46.3	14.3	74.3

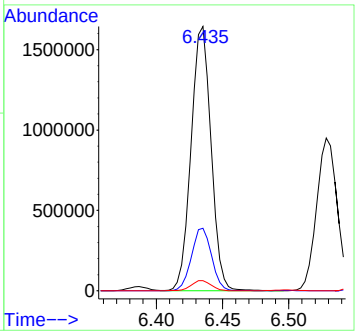


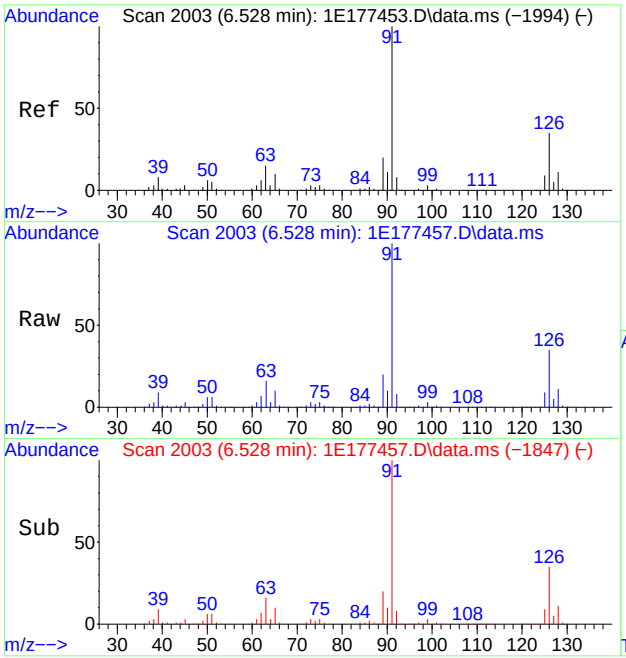


#101
n-propylbenzene
Concen: 219.81 ug/L
RT: 6.435 min Scan# 1974
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 91 Resp: 1725063

Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	53.6
105	3.8	0.0	33.5

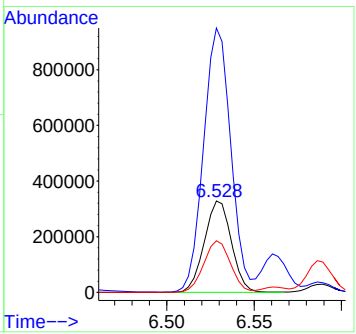


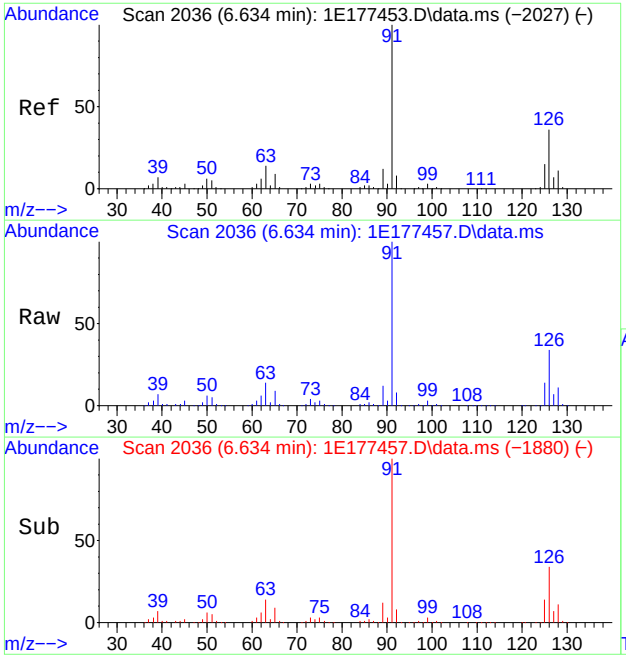


#102
2-chlorotoluene
Concen: 213.38 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:126 Resp: 355666

Ion	Ratio	Lower	Upper
126	100		
91	289.0	257.7	317.7
89	56.4	26.9	86.9

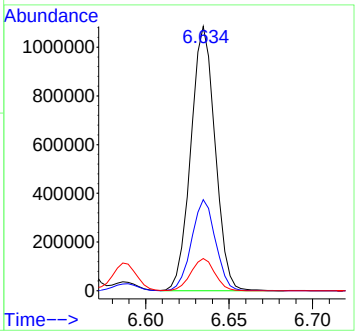


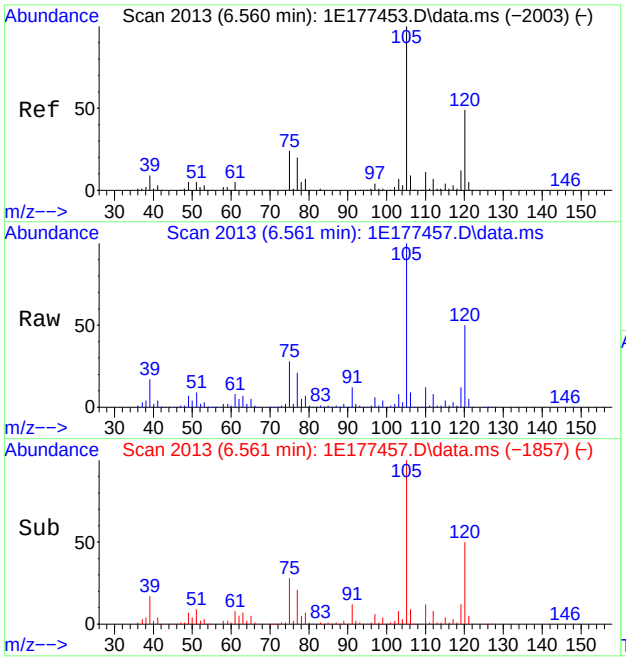


#103
4-chlorotoluene
Concen: 217.03 ug/L
RT: 6.634 min Scan# 2036
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion: 91 Resp: 1096299

Ion	Ratio	Lower	Upper
91	100		
126	34.4	5.7	65.7
89	12.3	0.0	41.7

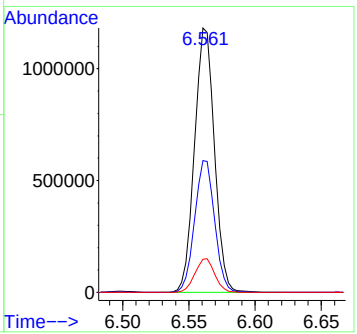


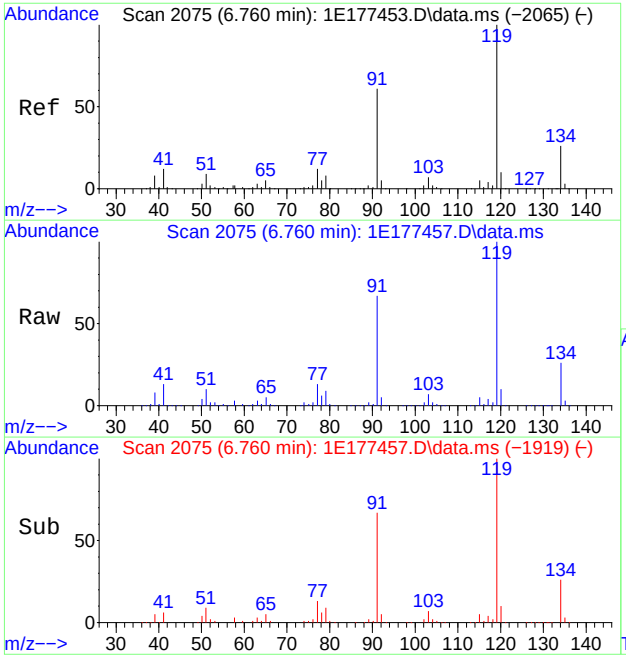


#104
1,3,5-trimethylbenzene
Concen: 217.86 ug/L
RT: 6.561 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:105 Resp: 1240751

Ion	Ratio	Lower	Upper
105	100		
120	49.8	18.8	78.8
119	12.5	0.0	42.5

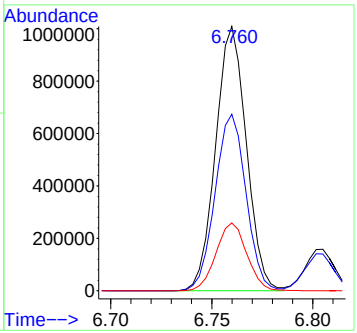


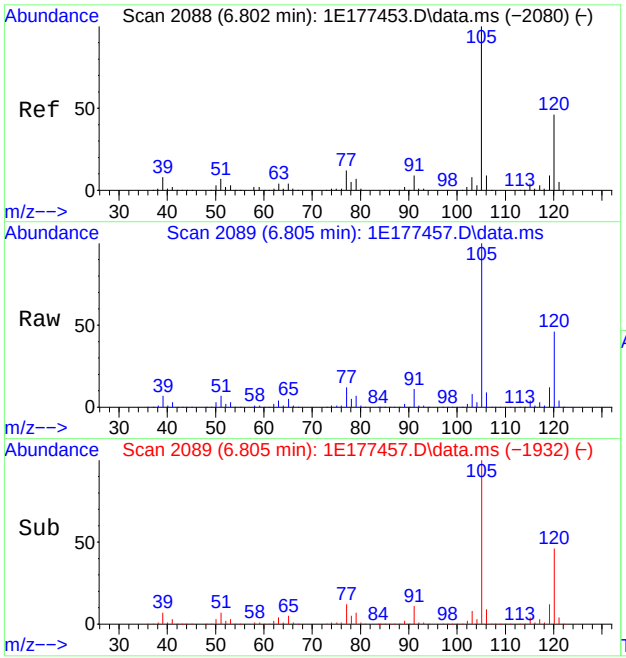


#105
tert-butylbenzene
Concen: 217.64 ug/L
RT: 6.760 min Scan# 2075
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:119 Resp: 1067668

Ion	Ratio	Lower	Upper
119	100		
91	66.8	30.8	90.8
134	25.6	0.0	55.6

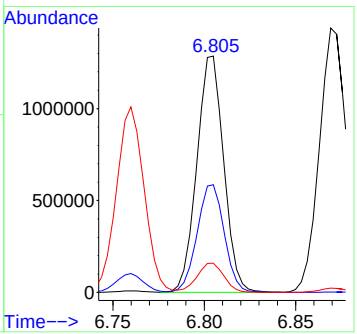


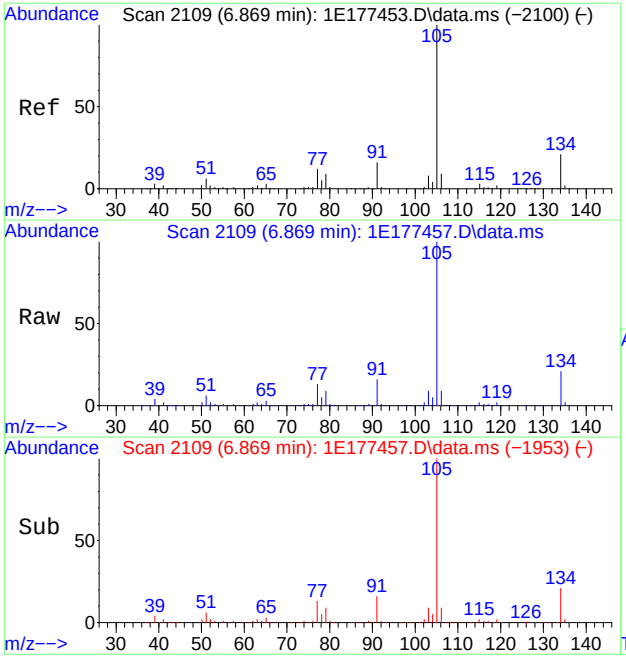


#106
1,2,4-trimethylbenzene
Concen: 225.51 ug/L
RT: 6.805 min Scan# 2089
Delta R.T. 0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:105 Resp: 1319335

Ion	Ratio	Lower	Upper
105	100		
120	45.6	16.7	76.7
119	12.3	0.0	42.3

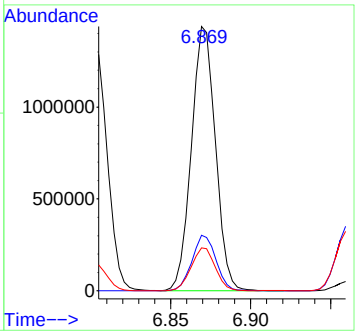


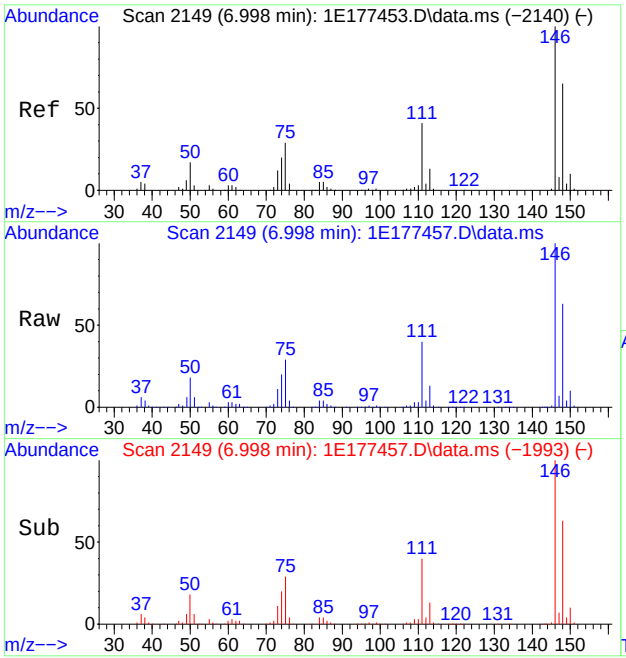


#107
sec-butylbenzene
Concen: 217.92 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:105 Resp: 1502454

Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	51.2
91	16.2	0.0	46.0

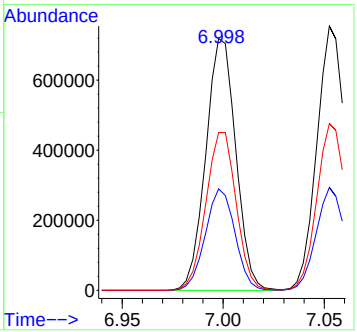




#108
1,3-dichlorobenzene
Concen: 219.01 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:146 Resp: 743992

Ion	Ratio	Lower	Upper
146	100		
111	40.3	11.3	71.3
148	62.6	34.9	94.9



7.6.10

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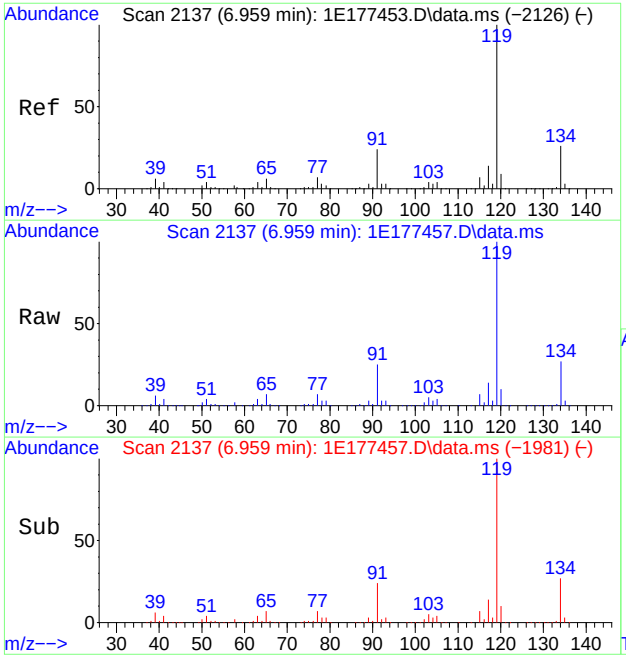
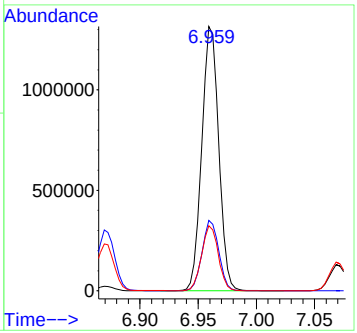
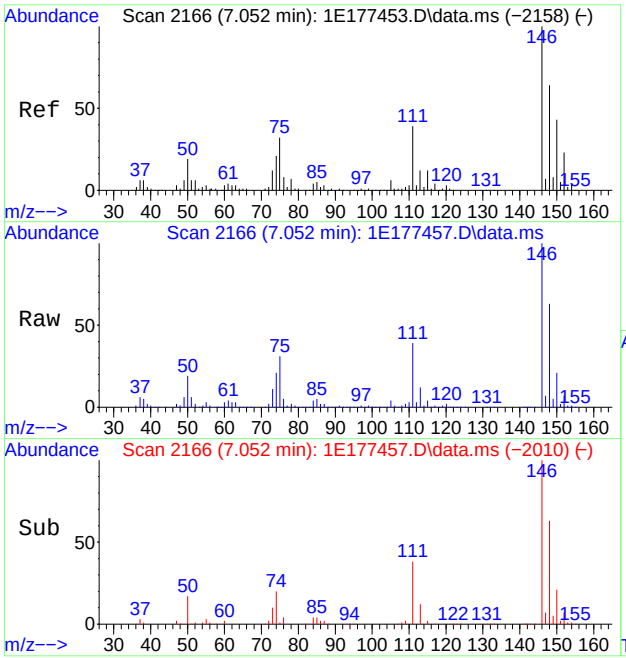


#109
p-isopropyltoluene
Concen: 228.10 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:119 Resp: 1335785

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	56.2
91	24.6	0.0	53.6

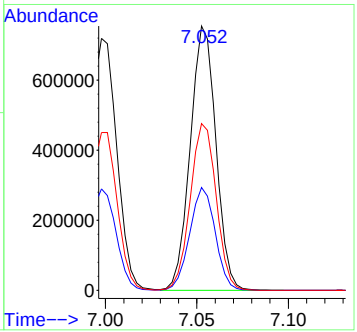


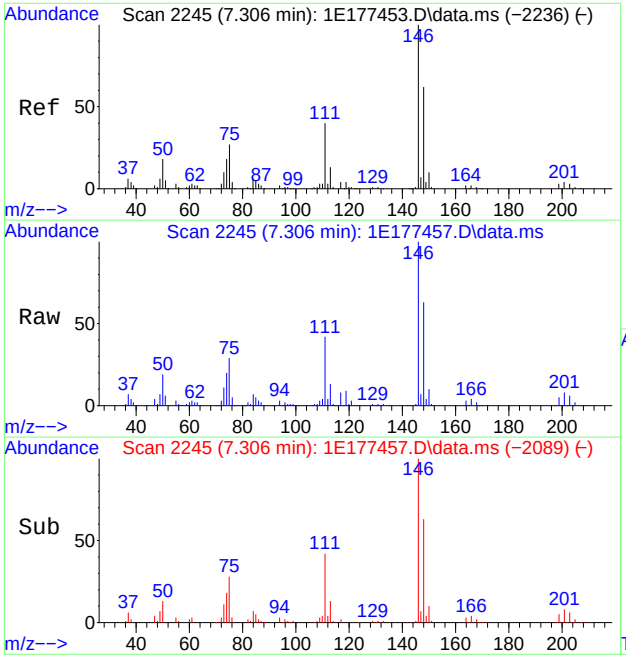


#110
1,4-dichlorobenzene
Concen: 203.28 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:146 Resp: 741199

Ion	Ratio	Lower	Upper
146	100		
111	39.0	9.4	69.4
148	63.1	34.4	94.4

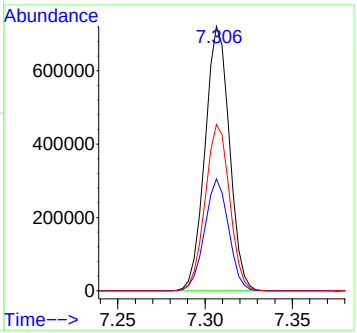


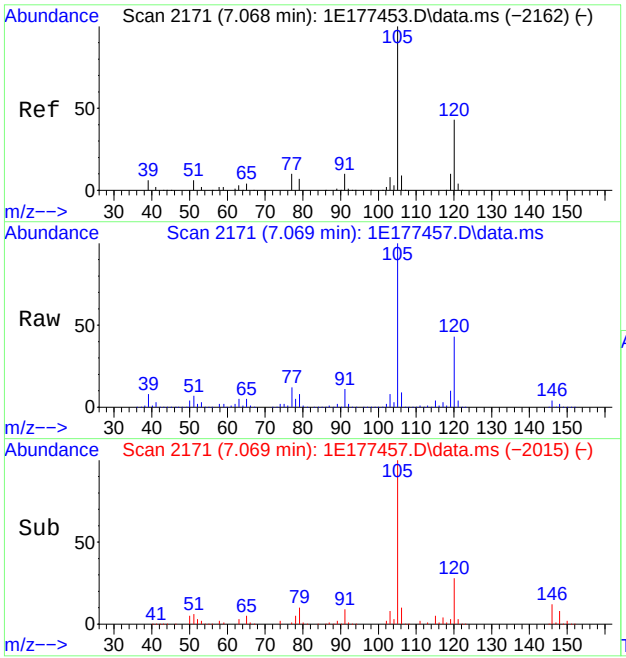


#111
1,2-dichlorobenzene
Concen: 206.67 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:146 Resp: 703391

Ion	Ratio	Lower	Upper
146	100		
111	42.3	10.1	70.1
148	62.8	31.9	91.9

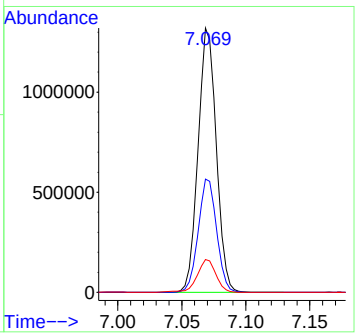


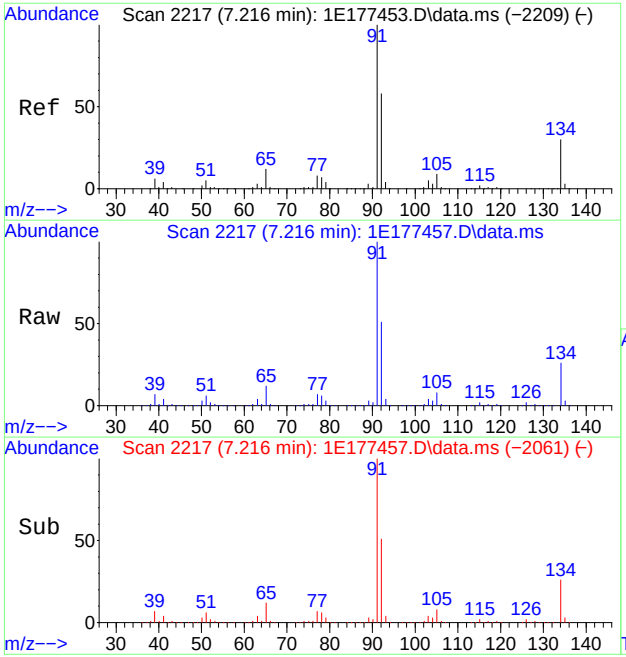


#112
1,2,3-trimethylbenzene
Concen: 215.74 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:105 Resp: 1308421

Ion	Ratio	Lower	Upper
105	100		
120	42.9	13.3	73.3
77	12.4	0.0	41.9

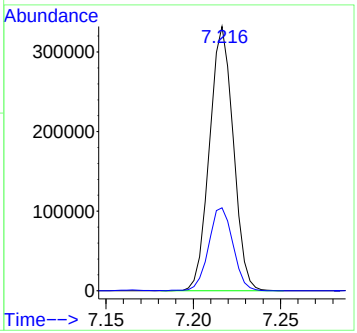


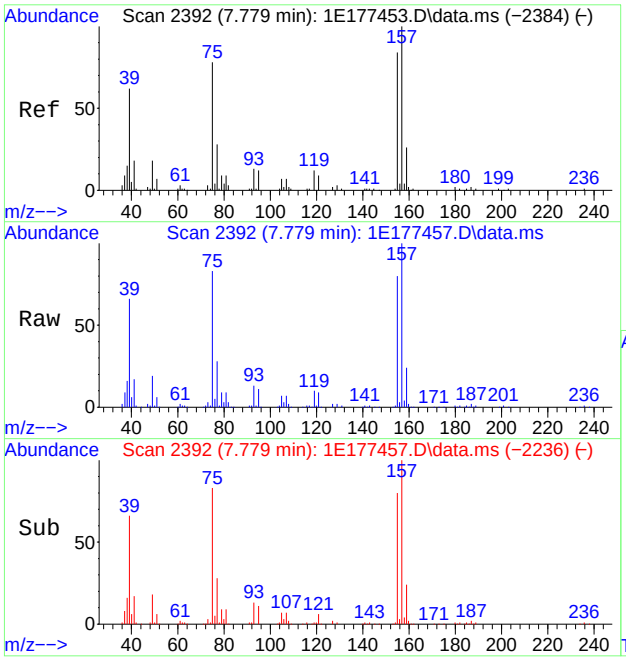


#113
n-butylbenzene
Concen: 224.64 ug/L
RT: 7.216 min Scan# 2217
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:134 Resp: 315355

Ion	Ratio	Lower	Upper
134	100		
105	31.4	0.7	60.7

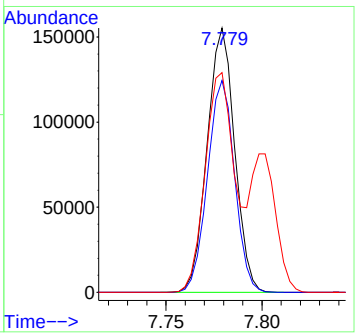




#114
1,2-dibromo-3-chloropropane
Concen: 208.80 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

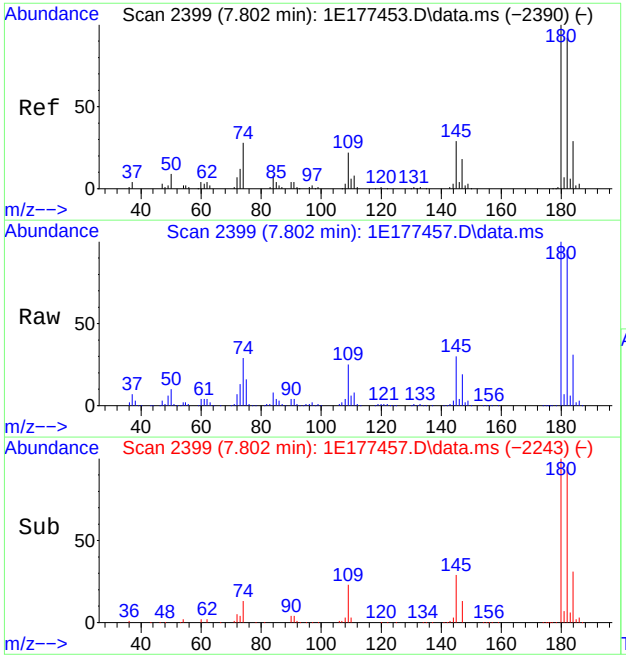
Tgt Ion:157 Resp: 154905

Ion	Ratio	Lower	Upper
157	100		
155	80.2	54.1	114.1
75	83.1	48.2	108.2



7.6.10

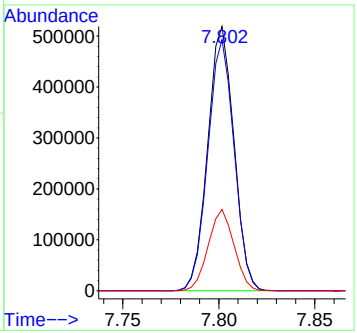
7

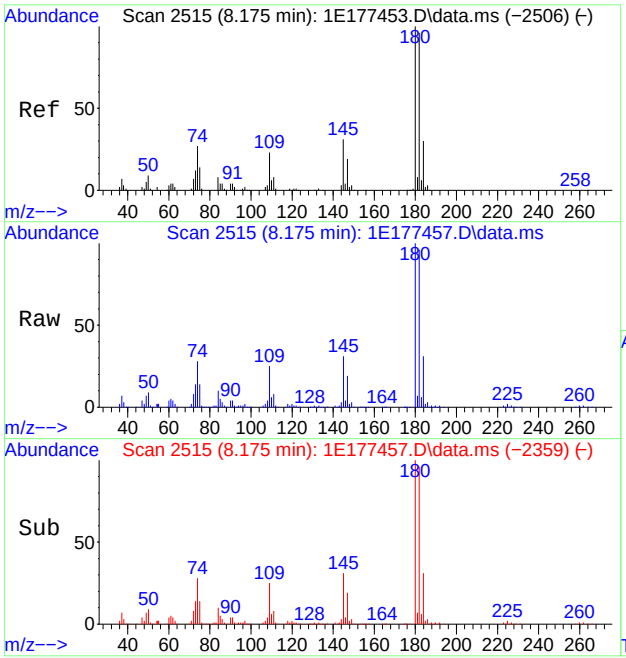


#115
1,3,5-trichlorobenzene
Concen: 212.91 ug/L
RT: 7.802 min Scan# 2399
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:180 Resp: 494206

Ion	Ratio	Lower	Upper
180	100		
182	94.9	71.6	111.6
184	30.7	9.2	49.2

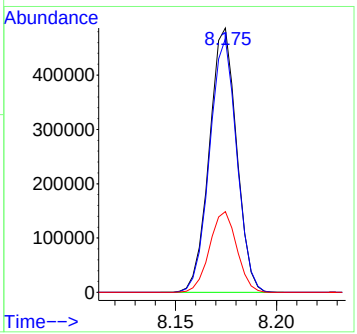


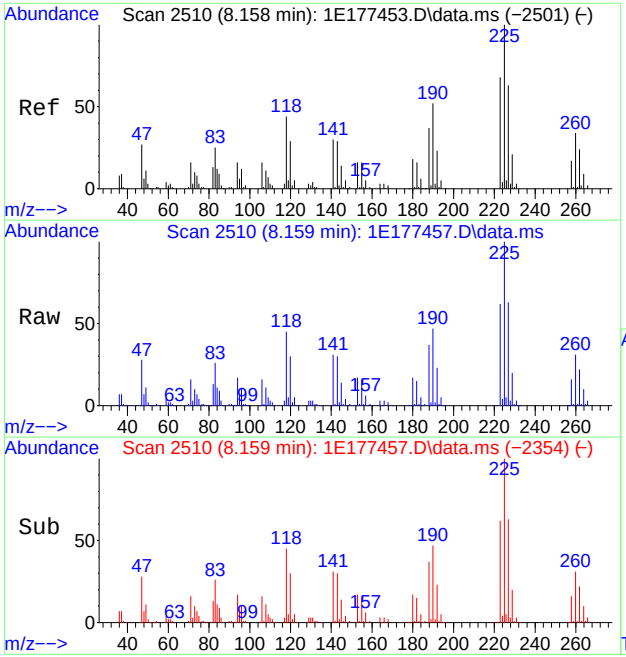


#116
1,2,4-trichlorobenzene
Concen: 208.12 ug/L
RT: 8.175 min Scan# 2515
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:180 Resp: 456341

Ion	Ratio	Lower	Upper
180	100		
182	96.0	65.8	125.8
184	30.5	0.0	59.9

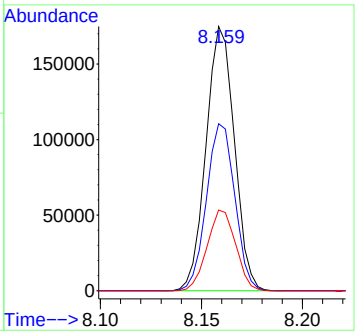


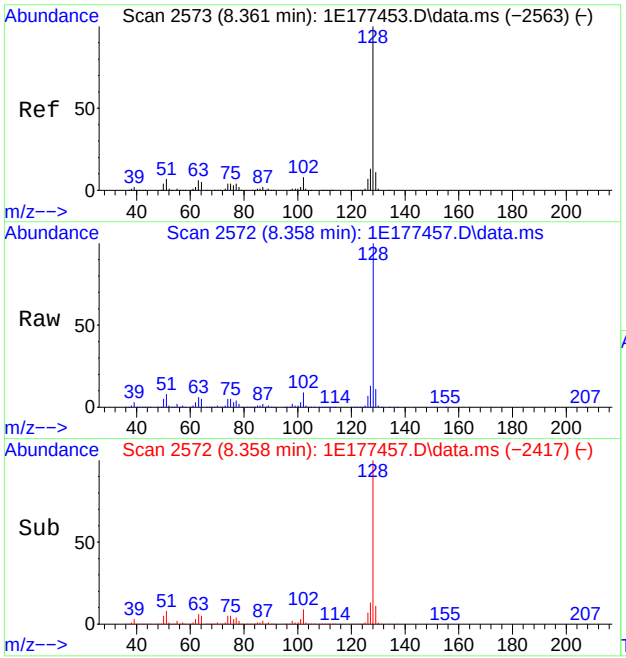


#117
hexachlorobutadiene
Concen: 218.34 ug/L
RT: 8.159 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:225 Resp: 170584

Ion	Ratio	Lower	Upper
225	100		
227	63.2	32.9	92.9
260	30.6	3.9	63.9

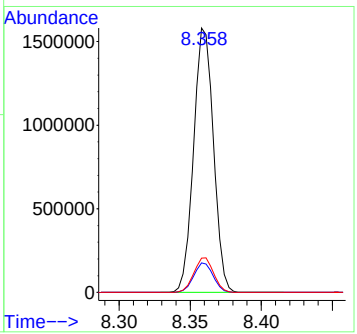


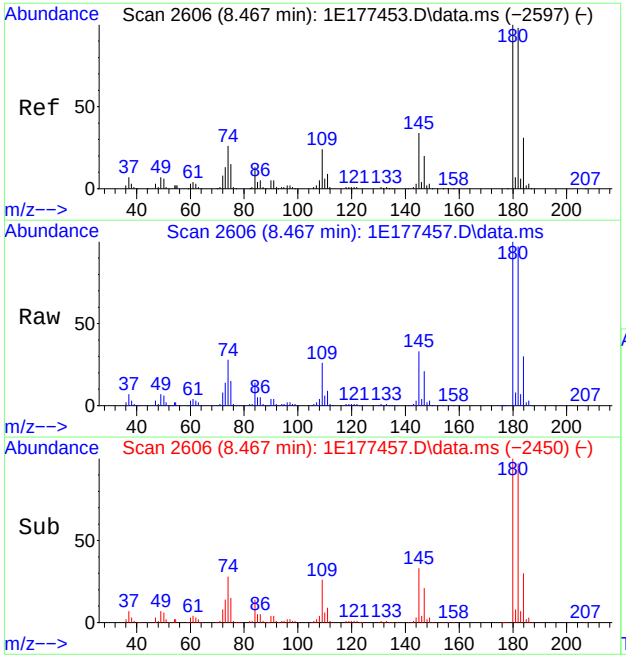


#118
naphthalene
Concen: 212.67 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:128 Resp: 1531446

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.8
127	13.0	0.0	42.7

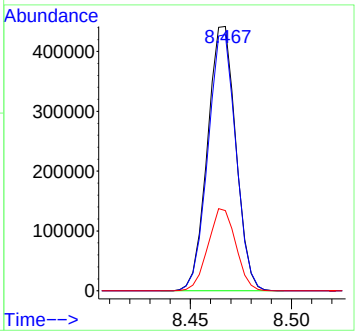


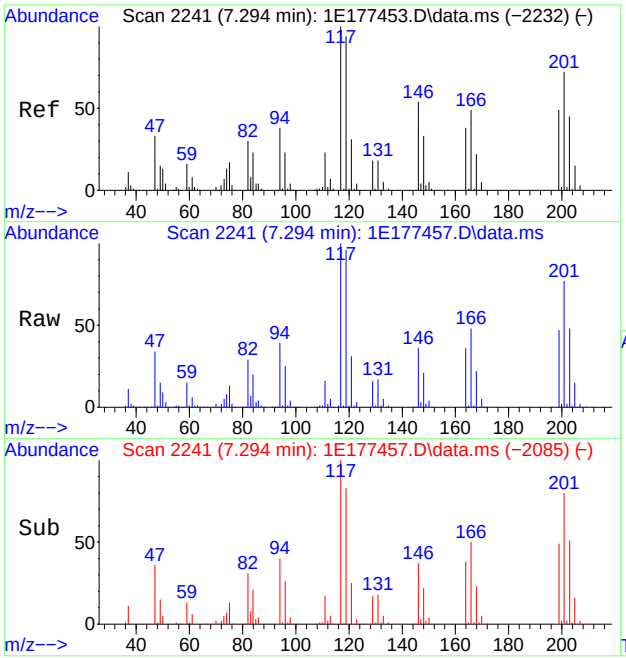


#119
1,2,3-trichlorobenzene
Concen: 206.64 ug/L
RT: 8.467 min Scan# 2606
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:180 Resp: 430307

Ion	Ratio	Lower	Upper
180	100		
182	96.9	67.6	127.6
184	30.4	1.0	61.0

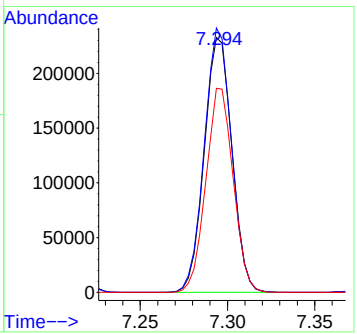


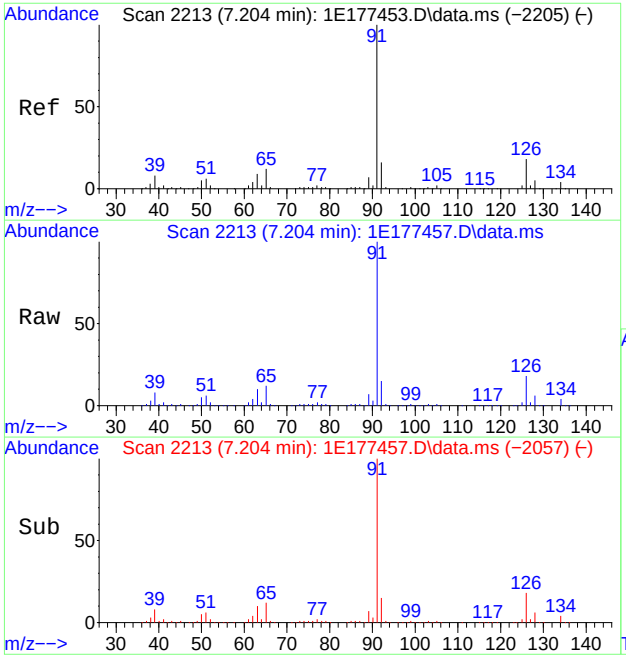


#120
hexachloroethane
Concen: 242.79 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:119 Resp: 256652

Ion	Ratio	Lower	Upper
119	100		
117	103.8	75.9	135.9
201	80.1	46.7	106.7

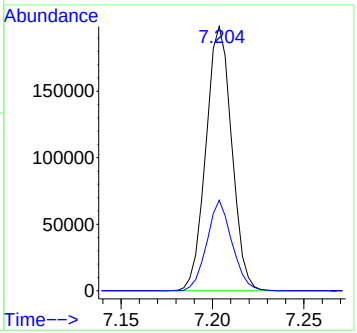


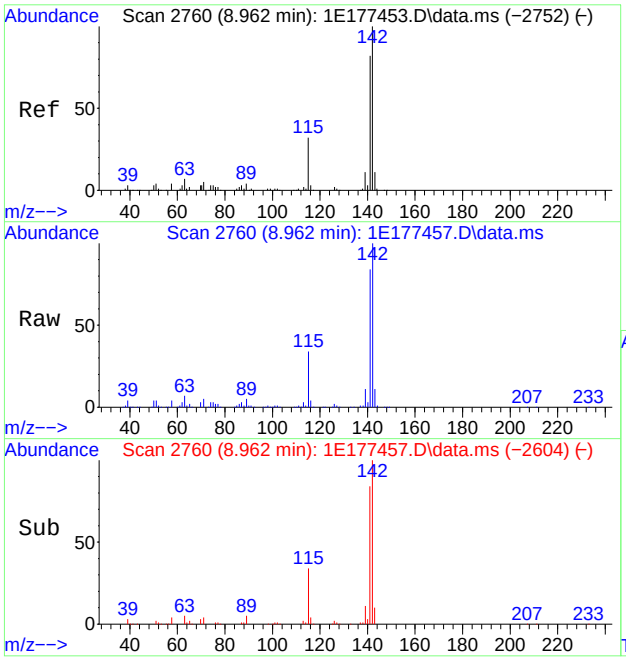


#121
benzyl chloride
Concen: 216.92 ug/L
RT: 7.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:126 Resp: 195012

Ion	Ratio	Lower	Upper
126	100		
128	34.2	0.9	60.9

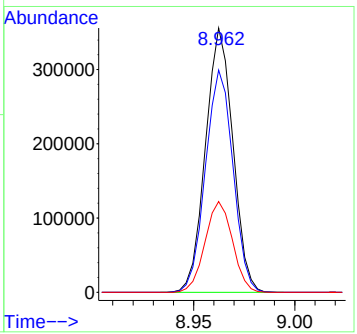




#122
2-methylnaphthalene
Concen: 107.05 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177457.D
Acq: 26 Oct 2023 08:26 pm

Tgt Ion:142 Resp: 335439

Ion	Ratio	Lower	Upper
142	100		
141	84.0	52.4	112.4
115	34.4	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177463.D
Acq On : 26 Oct 2023 09:48 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 30 10:22:48 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.072	65	81012	500.00	ug/L		0.00
5) pentafluorobenzene	3.091	168	126590	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.425	114	244965	50.00	ug/L		0.00
72) chlorobenzene-d5	5.522	117	223905	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	7.043	152	119367	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.840	113	76040	44.98	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 89.96%				
51) 1,2-dichloroethane-d4 (s)	3.143	65	89284	53.08	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 106.16%				
73) toluene-d8 (s)	4.361	98	276465	49.38	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.76%				
96) 4-bromofluorobenzene (s)	6.342	95	107988	50.55	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 101.10%				
Target Compounds							Qvalue
2) ethanol	1.651	45	46064	4906.30	ug/L		94
3) tertiary butyl alcohol	2.110	59	62492	249.28	ug/L		95
4) 1,4-dioxane	3.917	88	13141	1190.43	ug/L		98
7) dichlorodifluoromethane	1.046	85	86435	39.52	ug/L		98
8) chloromethane	1.168	50	51441	40.24	ug/L		98
9) vinyl chloride	1.188	62	72775	46.87	ug/L		98
10) 1,3-butadiene	1.197	39	49541	37.14	ug/L		96
11) bromomethane	1.345	96	27702	55.18	ug/L	#	97
12) chloroethane	1.406	64	43054	43.96	ug/L		97
13) trichlorofluoromethane	1.471	101	117421	46.55	ug/L		98
14) ethyl ether	1.602	74	40247	48.60	ug/L		93
15) acrolein	1.850	56	16649	48.63	ug/L		100
16) freon 113	1.715	151	53020	47.66	ug/L		97
17) 1,1-dichloroethene	1.702	61	98223	49.73	ug/L		98
18) acetone	1.979	58	61731	161.05	ug/L		99
19) acetonitrile	2.200	41	88829	418.52	ug/L		98
21) carbon disulfide	1.731	76	170338	47.57	ug/L		99
22) methylene chloride	1.962	84	65292	44.42	ug/L		97
23) methyl acetate	2.033	74	18737	49.00	ug/L		87
24) methyl tert butyl ether	2.081	73	226237	48.60	ug/L		95
25) trans-1,2-dichloroethene	2.040	61	92720	47.73	ug/L		99
26) hexane	2.072	57	144529	44.24	ug/L		98
27) di-isopropyl ether	2.255	45	224723	47.83	ug/L		100
28) ethyl tert-butyl ether	2.438	59	239454	47.48	ug/L		97
29) 2-butanone	2.901	72	79665	189.51	ug/L		92
30) 1,1-dichloroethane	2.335	63	129690	47.81	ug/L		98
31) chloroprene	2.323	53	114052	48.29	ug/L		97
32) acrylonitrile	2.352	52	32654	48.73	ug/L		99
33) vinyl acetate	2.442	86	10443	32.24	ug/L		95
34) ethyl acetate	2.792	70	12399	49.98	ug/L		91
35) 2,2-dichloropropane	2.663	77	104253	45.76	ug/L		97
36) cis-1,2-dichloroethene	2.606	96	81087	47.86	ug/L		96
37) propionitrile	3.072	54	151601	422.22	ug/L		96
38) methyl acrylate	2.802	85	18923	48.78	ug/L	#	79
39) bromochloromethane	2.708	128	41192	47.42	ug/L		97
40) tetrahydrofuran	2.834	71	15802	48.76	ug/L		87
41) chloroform	2.737	47	38116	45.80	ug/L		98
43) methacrylonitrile	3.085	67	43422	45.68	ug/L		98
44) 1,1,1-trichloroethane	2.866	97	123239	46.58	ug/L		99
45) cyclohexane	2.721	84	112098	49.05	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177463.D
Acq On : 26 Oct 2023 09:48 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 30 10:22:48 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1-dichloropropene	2.930	75	101838	48.74	ug/L		98
47)	carbon tetrachloride	2.831	117	114022	46.04	ug/L		99
48)	isobutyl alcohol	3.152	43	40725	415.51	ug/L		96
49)	tert-amyl alcohol	3.220	55	24422	223.42	ug/L		92
52)	iso-octane	2.988	57	227656	49.66	ug/L		99
53)	benzene	3.072	78	289012	51.77	ug/L		99
54)	tert-amyl methyl ether	3.123	73	228826	49.59	ug/L		98
55)	heptane	3.036	57	43688	50.94	ug/L		92
56)	isopropyl acetate	3.310	87	25513	50.67	ug/L	#	90
57)	1,2-dichloroethane	3.184	62	110128	48.32	ug/L		100
58)	n-butyl alcohol	3.586	56	128710	2297.24	ug/L		95
59)	ethyl acrylate	3.737	55	132067	49.99	ug/L		100
60)	trichloroethene	3.416	130	92544	54.02	ug/L		98
61)	2-nitropropane	4.564	41	41994	49.68	ug/L	#	49
62)	2-chloroethyl vinyl ether	4.171	63	277300	293.20	ug/L		99
63)	methyl methacrylate	3.879	100	29638	50.74	ug/L		91
64)	1,2-dichloropropane	3.747	63	76185	51.89	ug/L		96
65)	methylcyclohexane	3.419	98	62894	51.77	ug/L	#	99
66)	dibromomethane	3.679	93	52829	48.63	ug/L		98
67)	bromodichloromethane	3.782	83	110243	51.18	ug/L		98
68)	epichlorohydrin	4.396	57	60677	231.88	ug/L		99
69)	cis-1,3-dichloropropene	4.223	75	130000	51.43	ug/L		98
70)	4-methyl-2-pentanone	4.679	58	178894	204.89	ug/L		95
71)	3-methyl-1-butanol	4.512	70	61275	953.11	ug/L		97
74)	toluene	4.400	92	188648	50.89	ug/L		95
75)	ethyl methacrylate	4.837	69	111863	51.04	ug/L		97
76)	trans-1,3-dichloropropene	4.712	75	125568	51.73	ug/L		97
77)	1,1,2-trichloroethane	4.834	83	63019	49.02	ug/L		98
78)	tetrachloroethene	4.696	166	162429	92.61	ug/L		97
79)	2-hexanone	5.316	58	206992	193.70	ug/L		94
80)	1,3-dichloropropane	5.046	76	127927	51.18	ug/L		100
81)	butyl acetate	5.252	56	67992	53.09	ug/L		98
82)	dibromochloromethane	4.972	129	94624	49.40	ug/L		99
83)	1,2-dibromoethane	5.152	107	83754	50.19	ug/L		98
84)	n-butyl ether	5.477	57	315902	51.73	ug/L		99
85)	chlorobenzene	5.532	112	218027	50.34	ug/L		97
86)	1,1,1,2-tetrachloroethane	5.577	131	86984	51.83	ug/L		99
87)	ethylbenzene	5.554	91	364230	51.03	ug/L		99
88)	m,p-xylene	5.657	106	285893	102.10	ug/L		100
89)	o-xylene	5.950	106	142931	51.57	ug/L		97
90)	styrene	5.985	104	232091	50.04	ug/L		100
91)	bromoform	5.998	173	72201	51.59	ug/L		99
92)	butyl acrylate	6.078	55	176311	51.28	ug/L		99
93)	isopropylbenzene	6.162	105	350570	52.15	ug/L		99
94)	cis-1,4-dichloro-2-butene	6.384	88	46568	49.34	ug/L		98
97)	bromobenzene	6.406	156	95039	52.17	ug/L		92
98)	1,1,2,2-tetrachloroethane	6.474	83	105173	48.05	ug/L		99
99)	trans-1,4-dichloro-2-b...	6.586	53	42546	56.40	ug/L		97
100)	1,2,3-trichloropropane	6.554	110	41022	50.82	ug/L		99
101)	n-propylbenzene	6.432	91	423657	52.46	ug/L		99
102)	2-chlorotoluene	6.528	126	88307	51.66	ug/L		94
103)	4-chlorotoluene	6.631	91	267284	51.50	ug/L		98
104)	1,3,5-trimethylbenzene	6.560	105	308621	52.72	ug/L		99
105)	tert-butylbenzene	6.757	119	265518	52.66	ug/L		96
106)	1,2,4-trimethylbenzene	6.802	105	321552	53.32	ug/L		99
107)	sec-butylbenzene	6.869	105	374032	52.77	ug/L		99
108)	1,3-dichlorobenzene	6.998	146	181858	52.10	ug/L		96
109)	p-isopropyltoluene	6.959	119	327779	54.23	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177463.D
Acq On : 26 Oct 2023 09:48 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 30 10:22:48 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

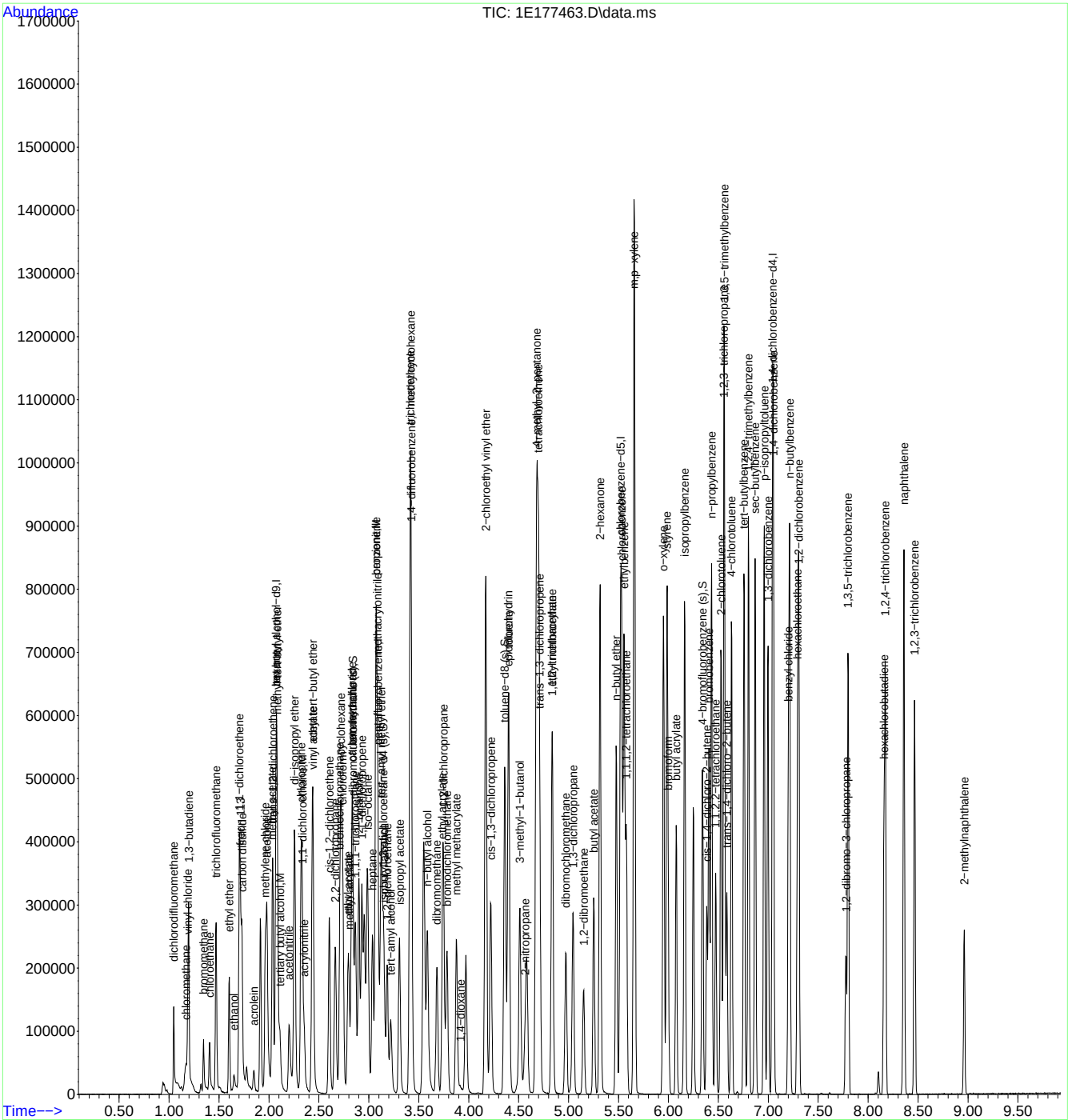
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) 1,4-dichlorobenzene	7.052	146	180307	48.50	ug/L	98
111) 1,2-dichlorobenzene	7.306	146	172272	49.56	ug/L	99
113) n-butylbenzene	7.213	134	77554	53.54	ug/L	95
114) 1,2-dibromo-3-chloropr...	7.779	157	38416	50.59	ug/L	92
115) 1,3,5-trichlorobenzene	7.798	180	130049	54.69	ug/L	96
116) 1,2,4-trichlorobenzene	8.171	180	114727	51.17	ug/L	98
117) hexachlorobutadiene	8.158	225	42091	52.33	ug/L	96
118) naphthalene	8.358	128	378083	51.26	ug/L	99
119) 1,2,3-trichlorobenzene	8.464	180	107771	50.68	ug/L	97
120) hexachloroethane	7.294	119	58675	53.26	ug/L	98
121) benzyl chloride	7.200	126	43486	47.08	ug/L	96
122) 2-methylnaphthalene	8.962	142	77664	24.16	ug/L	98

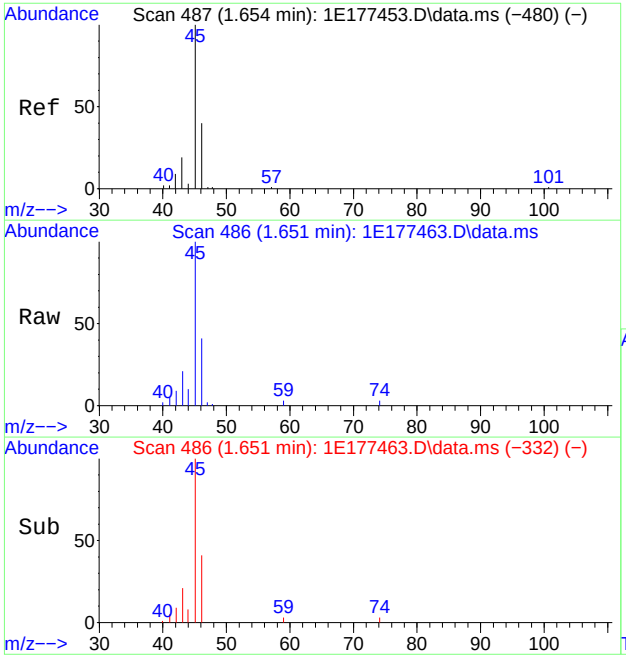
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177463.D
Acq On : 26 Oct 2023 09:48 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 30 10:22:48 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

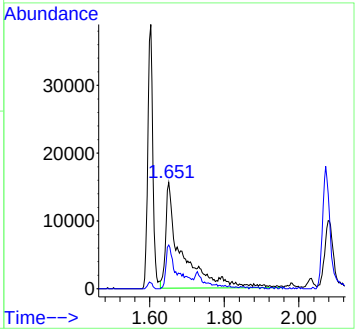


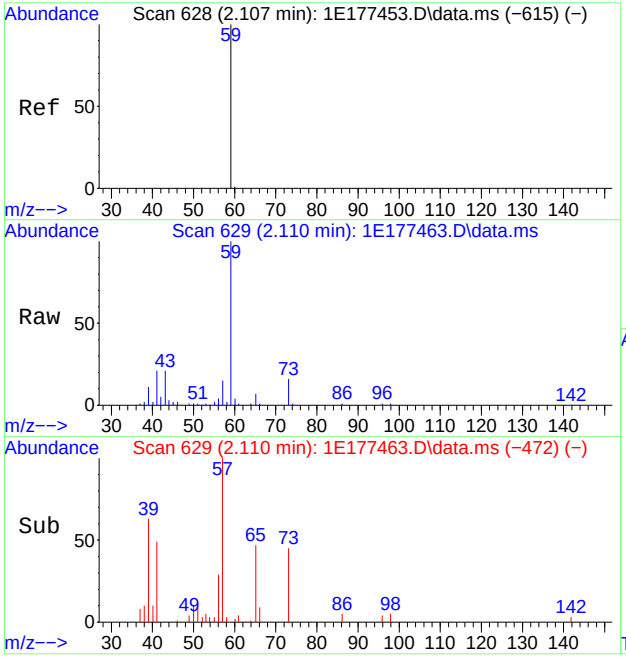


#2
ethanol
Concen: 4906.30 ug/L
RT: 1.651 min Scan# 486
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 45 Resp: 46064

Ion	Ratio	Lower	Upper
45	100		
46	41.8	18.1	58.1

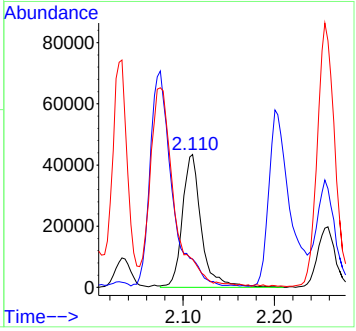


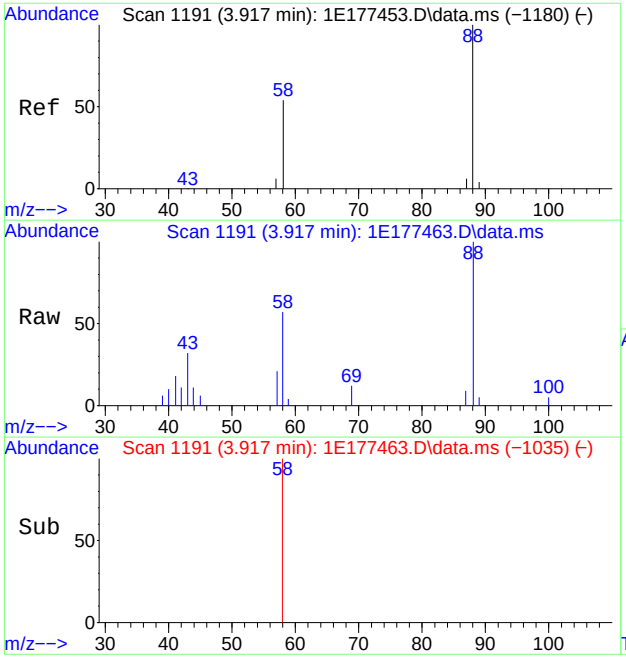


#3
tertiary butyl alcohol
Concen: 249.28 ug/L
RT: 2.110 min Scan# 629
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 59 Resp: 62492

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	20.2	0.0	52.8

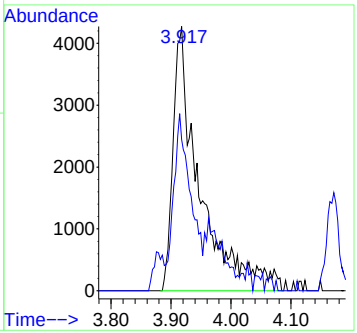


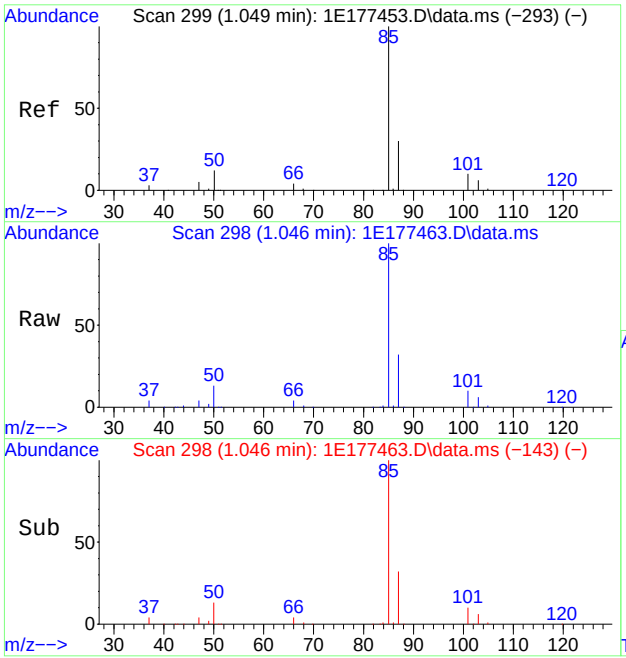


#4
1,4-dioxane
Concen: 1190.43 ug/L
RT: 3.917 min Scan# 1191
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 88 Resp: 13141

Ion	Ratio	Lower	Upper
88	100		
58	57.1	38.3	78.3

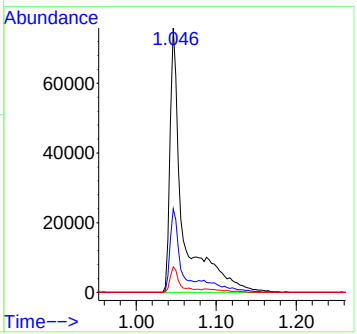


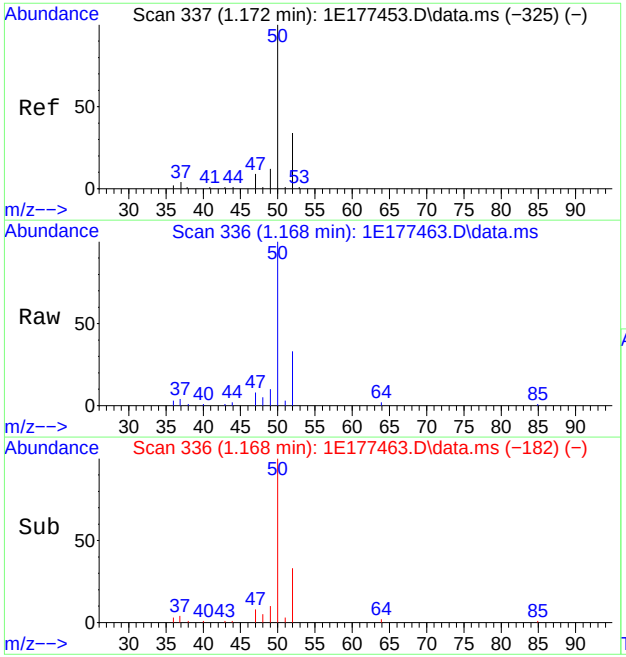


#7
dichlorodifluoromethane
Concen: 39.52 ug/L
RT: 1.046 min Scan# 298
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 85 Resp: 86435

Ion	Ratio	Lower	Upper
85	100		
87	31.6	0.4	60.4
101	9.7	0.0	39.9

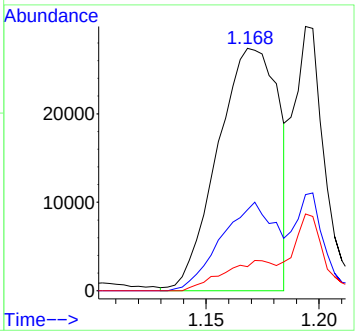


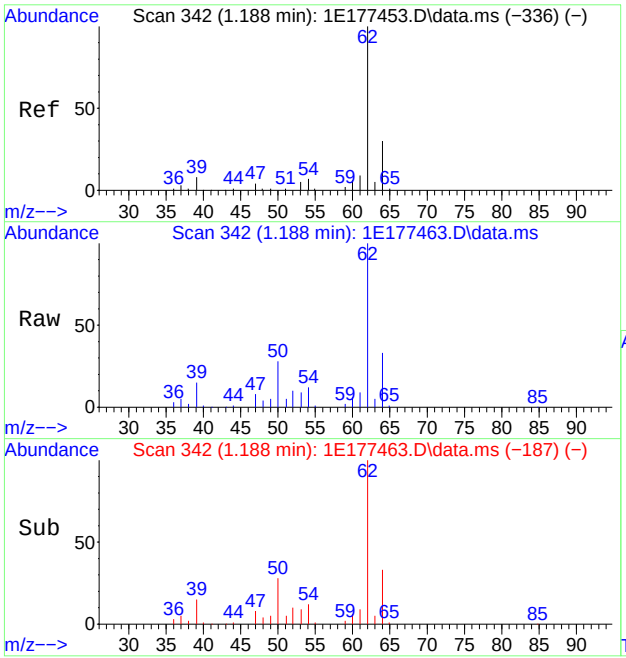


#8
chloromethane
Concen: 40.24 ug/L
RT: 1.168 min Scan# 336
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 50 Resp: 51441

Ion	Ratio	Lower	Upper
50	100		
52	33.9	4.4	64.4
49	10.1	0.0	42.1

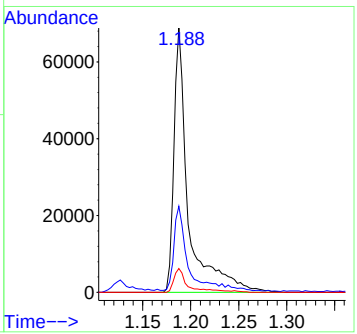


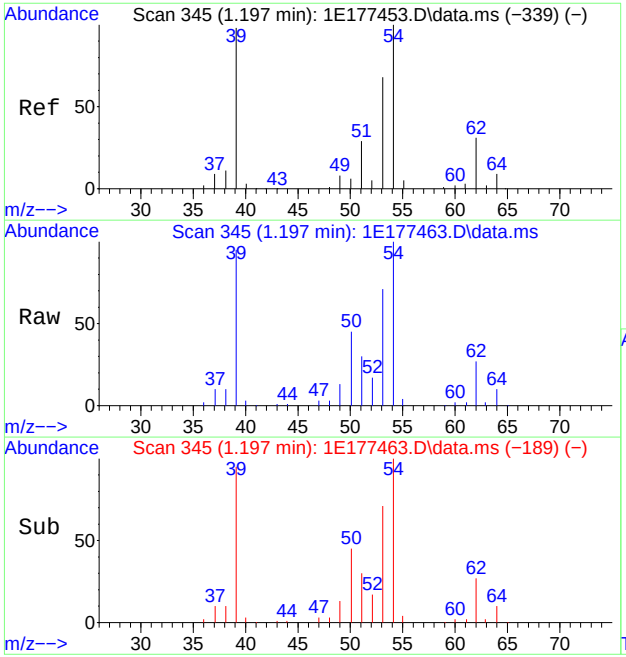


#9
vinyl chloride
Concen: 46.87 ug/L
RT: 1.188 min Scan# 342
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 62 Resp: 72775

Ion	Ratio	Lower	Upper
62	100		
64	31.9	0.7	60.7
61	9.1	0.0	39.5

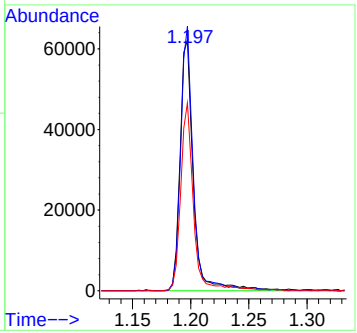


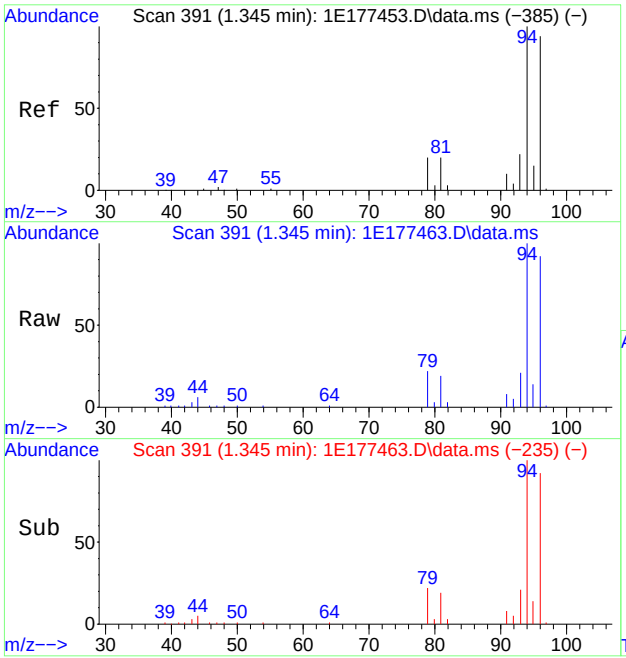


#10
1,3-butadiene
Concen: 37.14 ug/L
RT: 1.197 min Scan# 345
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 39 Resp: 49541

Ion	Ratio	Lower	Upper
39	100		
54	105.5	72.3	132.3
53	74.9	39.8	99.8

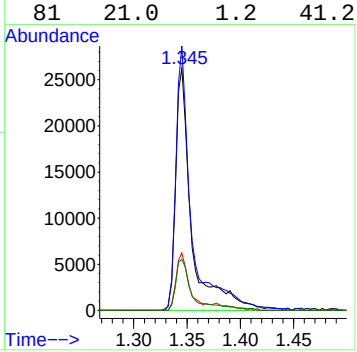


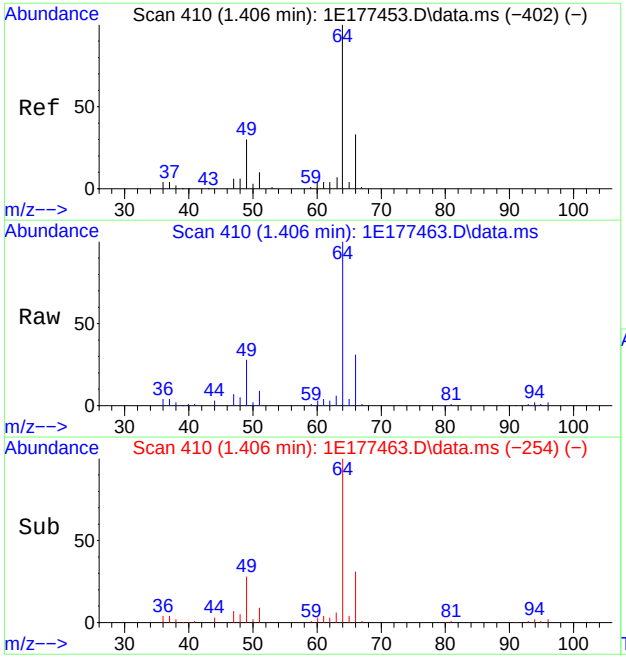


#11
bromomethane
Concen: 55.18 ug/L
RT: 1.345 min Scan# 391
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 96 Resp: 27702

Ion	Ratio	Lower	Upper
96	100		
94	109.1	76.0	136.0
79	23.7	20.8	20.8#
81	21.0	1.2	41.2

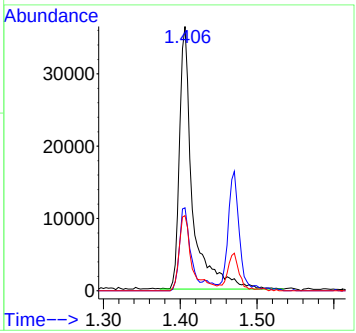


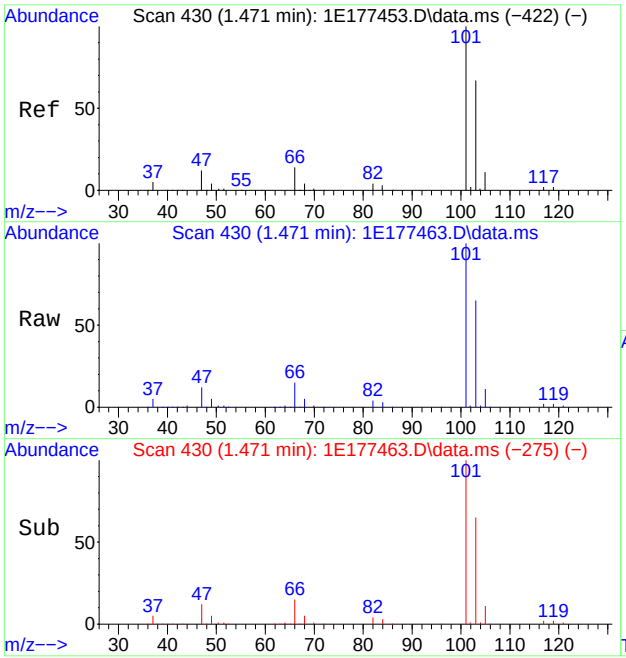


#12
chloroethane
Concen: 43.96 ug/L
RT: 1.406 min Scan# 410
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 64 Resp: 43054

Ion	Ratio	Lower	Upper
64	100		
66	31.6	3.1	63.1
49	28.6	0.1	60.1

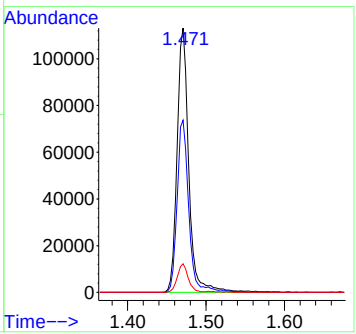


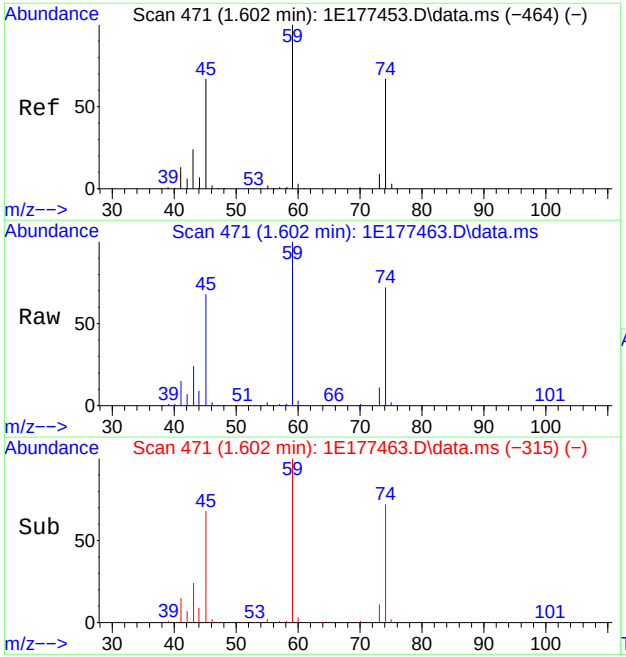


#13
trichlorofluoromethane
Concen: 46.55 ug/L
RT: 1.471 min Scan# 430
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:101 Resp: 117421

Ion	Ratio	Lower	Upper
101	100		
103	65.1	37.1	97.1
105	10.9	0.0	40.8

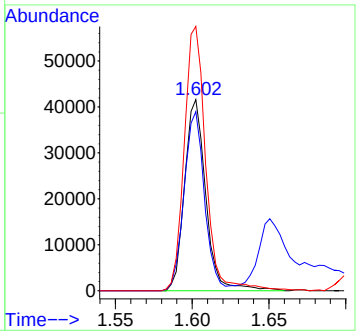


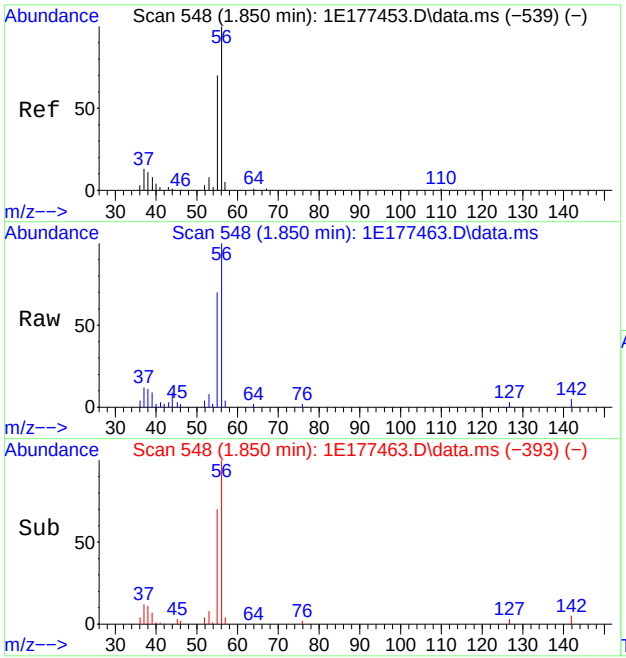


#14
ethyl ether
Concen: 48.60 ug/L
RT: 1.602 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 74 Resp: 40247

Ion	Ratio	Lower	Upper
74	100		
45	93.7	69.1	129.1
59	138.2	118.9	178.9

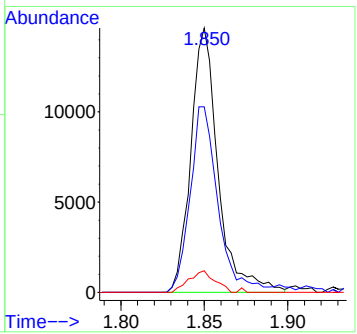


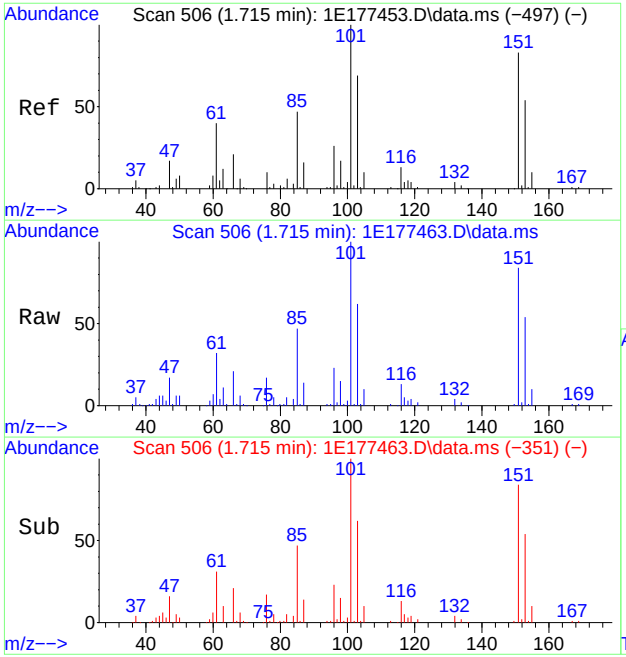


#15
acrolein
Concen: 48.63 ug/L
RT: 1.850 min Scan# 548
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 56 Resp: 16649

Ion	Ratio	Lower	Upper
56	100		
55	70.1	40.4	100.4
53	8.2	0.0	38.2

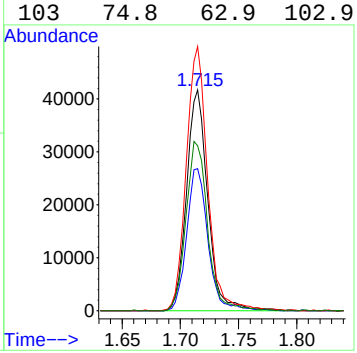


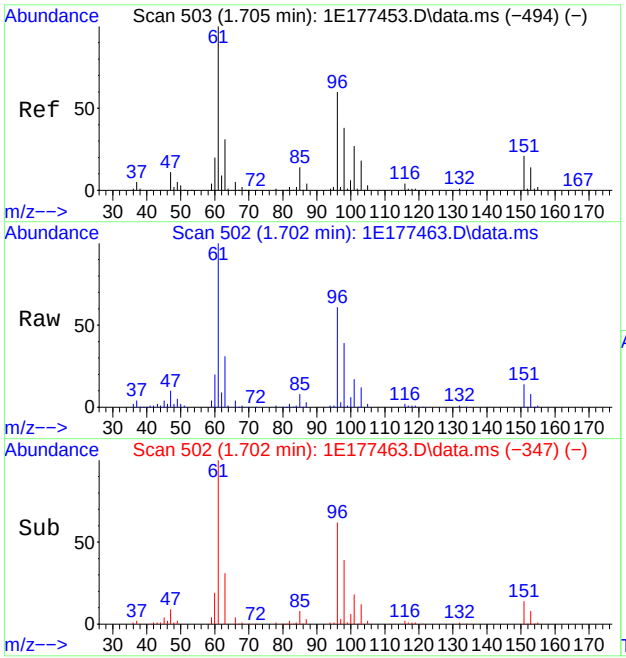


#16
freon 113
Concen: 47.66 ug/L
RT: 1.715 min Scan# 506
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:151 Resp: 53020

Ion	Ratio	Lower	Upper
151	100		
153	64.3	44.6	84.6
101	119.7	100.2	140.2
103	74.8	62.9	102.9

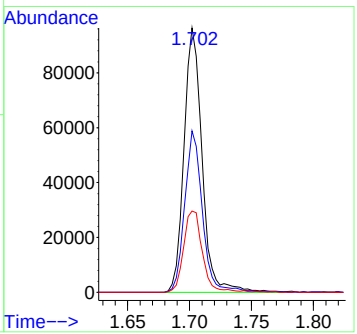


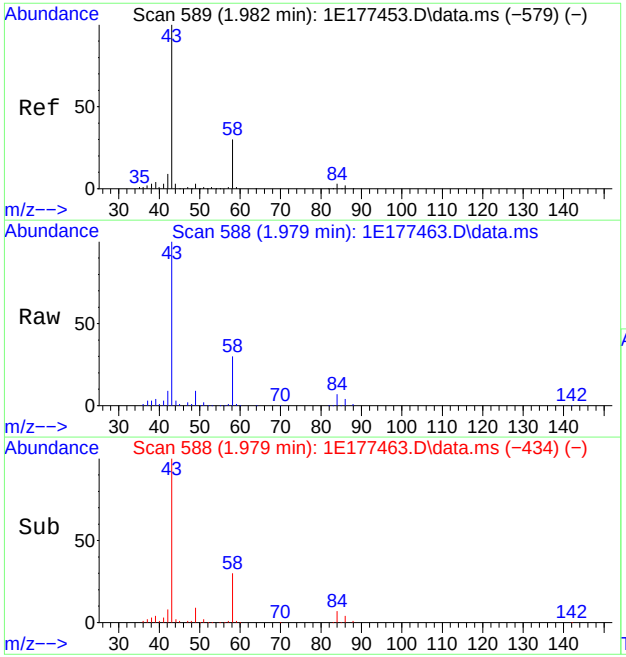


#17
1,1-dichloroethene
Concen: 49.73 ug/L
RT: 1.702 min Scan# 502
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 61 Resp: 98223

Ion	Ratio	Lower	Upper
61	100		
96	61.1	29.6	89.6
63	30.7	1.2	61.2

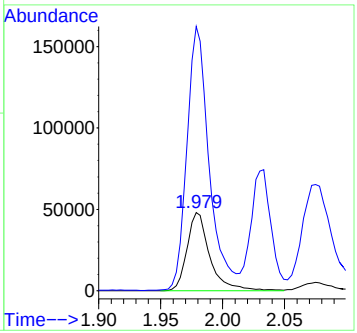


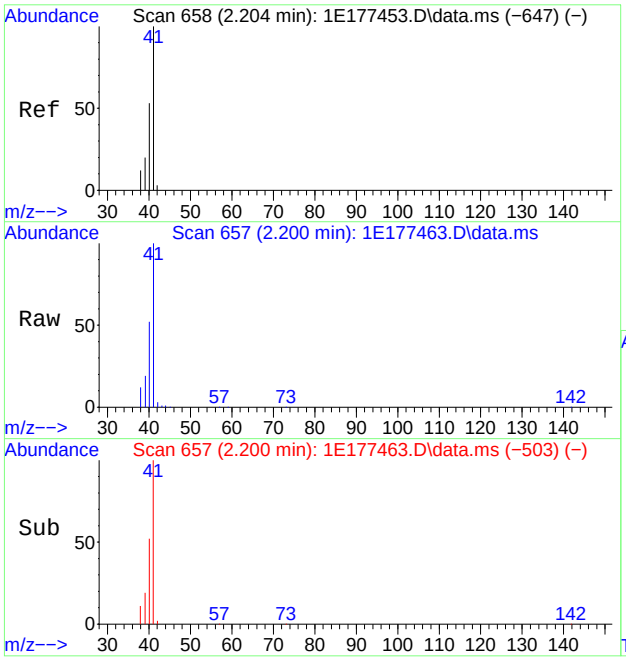


#18
acetone
Concen: 161.05 ug/L
RT: 1.979 min Scan# 588
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 58 Resp: 61731

Ion	Ratio	Lower	Upper
58	100		
43	336.4	304.0	364.0

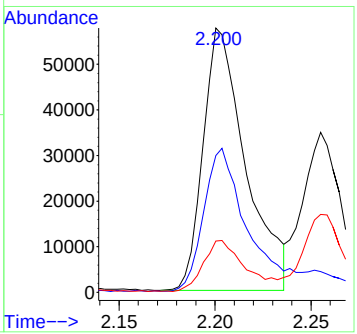


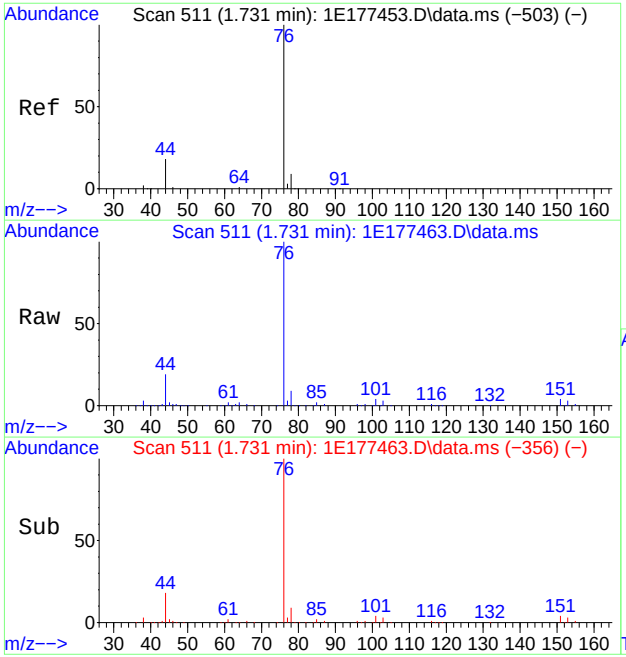


#19
acetonitrile
Concen: 418.52 ug/L
RT: 2.200 min Scan# 657
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 41 Resp: 88829

Ion	Ratio	Lower	Upper
41	100		
40	51.7	22.9	82.9
39	19.1	0.0	49.7

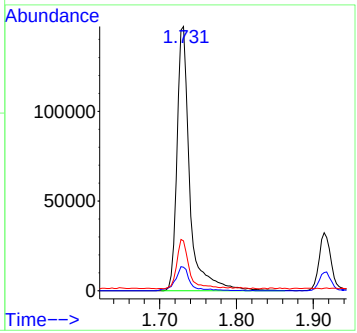


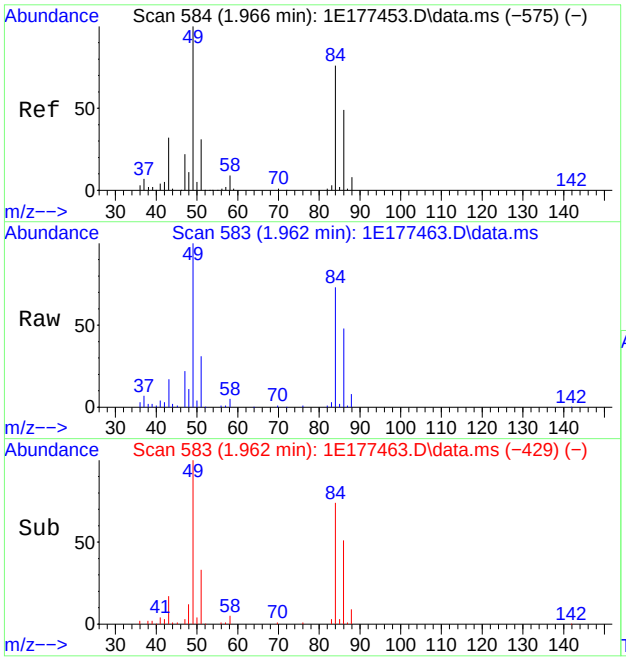


#21
carbon disulfide
Concen: 47.57 ug/L
RT: 1.731 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 76 Resp: 170338

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	39.2
44	18.0	0.0	48.3

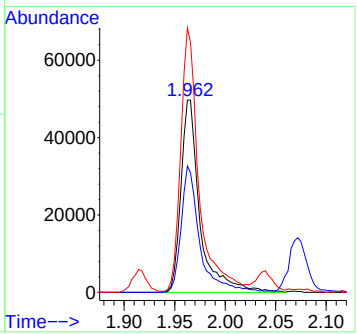


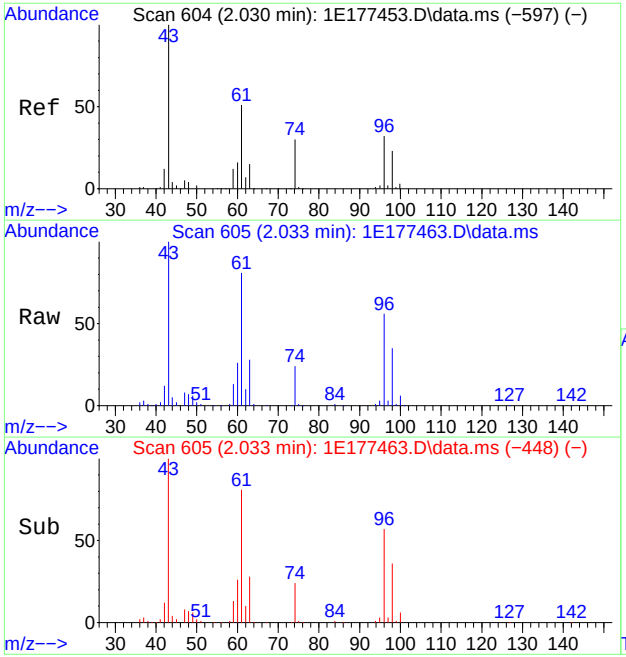


#22
methylene chloride
Concen: 44.42 ug/L
RT: 1.962 min Scan# 583
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 84 Resp: 65292

Ion	Ratio	Lower	Upper
84	100		
86	65.7	34.9	94.9
49	137.0	102.4	162.4

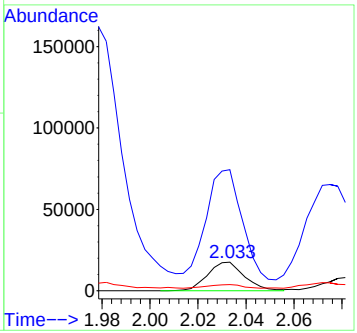


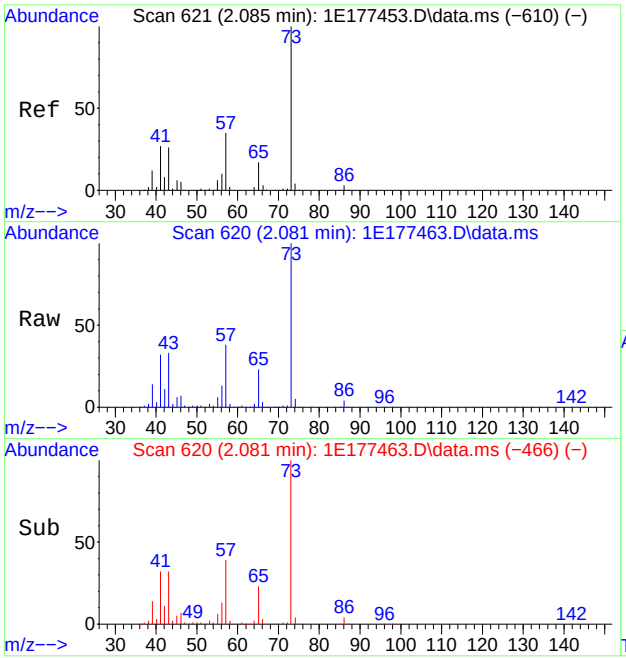


#23
methyl acetate
Concen: 49.00 ug/L
RT: 2.033 min Scan# 605
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 74 Resp: 18737

Ion	Ratio	Lower	Upper
74	100		
43	367.0	307.5	367.5
44	13.3	0.0	43.7

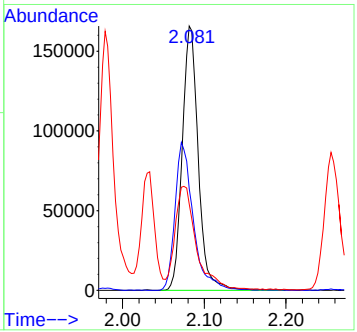


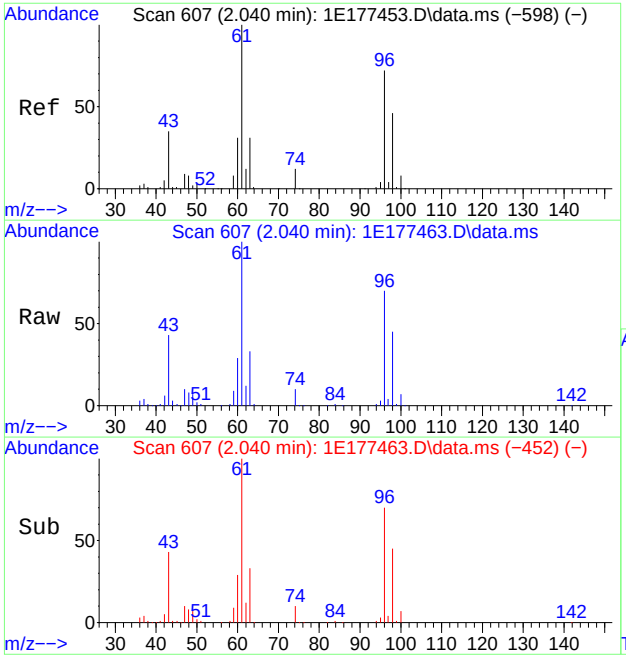


#24
methyl tert butyl ether
Concen: 48.60 ug/L
RT: 2.081 min Scan# 620
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 73 Resp: 226237

Ion	Ratio	Lower	Upper
73	100		
57	38.4	5.0	65.0
43	32.3	0.4	60.4

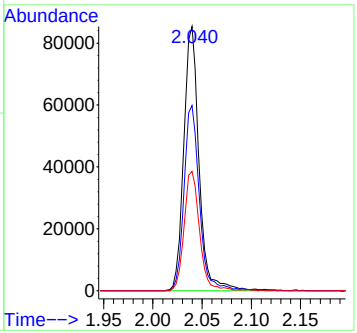


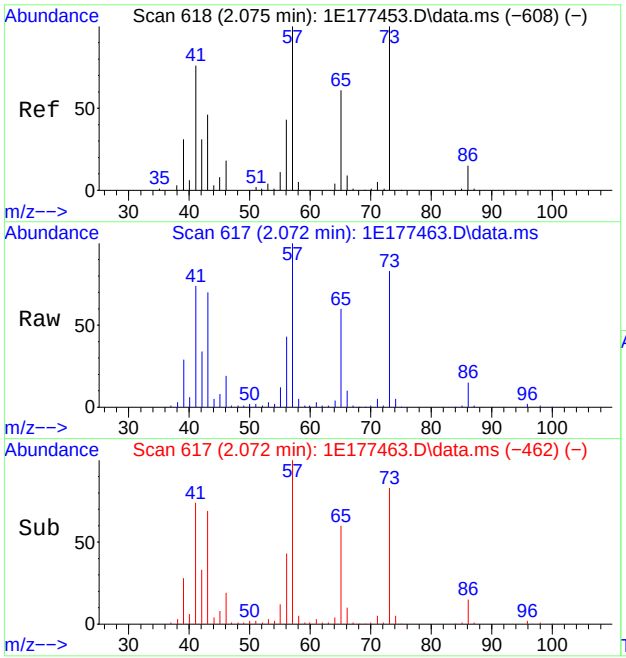


#25
trans-1,2-dichloroethene
Concen: 47.73 ug/L
RT: 2.040 min Scan# 607
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 61 Resp: 92720

Ion	Ratio	Lower	Upper
61	100		
96	70.1	41.6	101.6
98	45.2	15.7	75.7

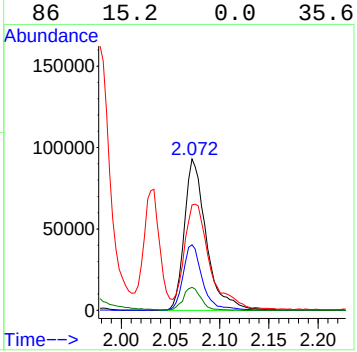


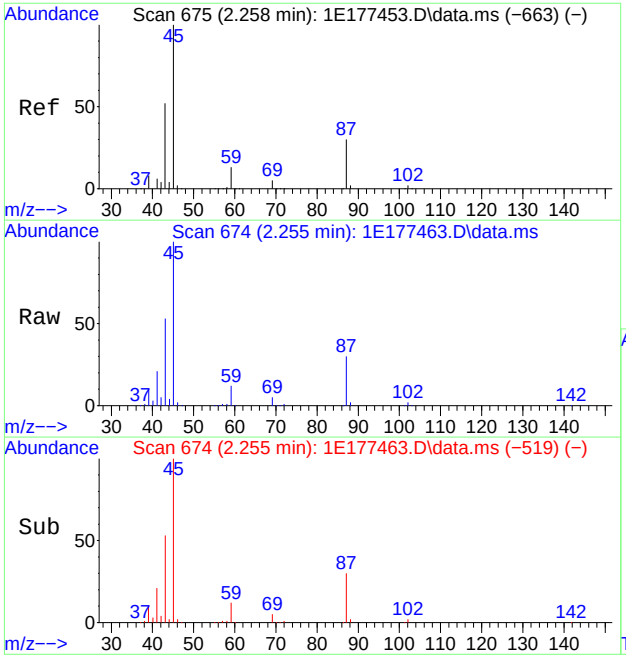


#26
hexane
Concen: 44.24 ug/L
RT: 2.072 min Scan# 617
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 57 Resp: 144529

Ion	Ratio	Lower	Upper
57	100		
56	43.4	23.0	63.0
43	68.7	50.7	90.7
86	15.2	0.0	35.6

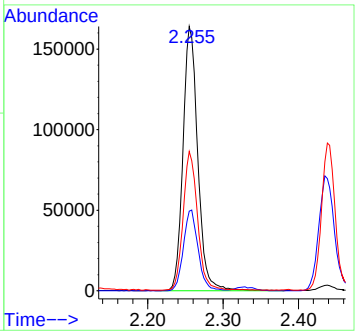


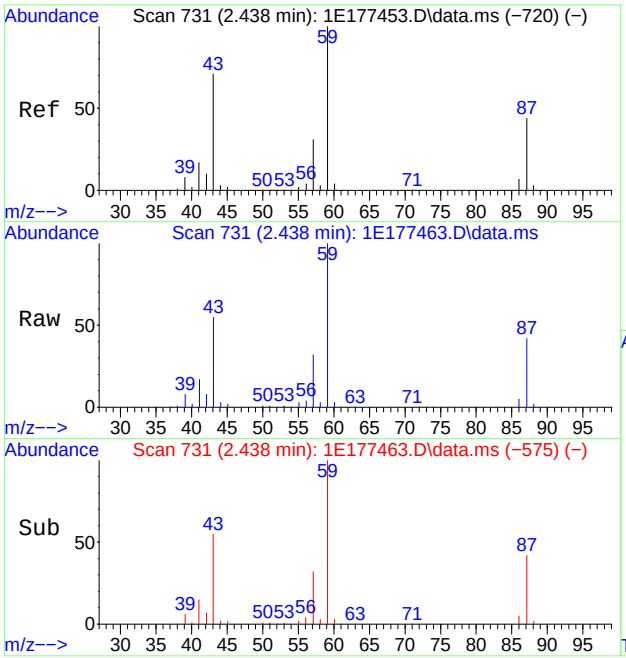


#27
di-isopropyl ether
Concen: 47.83 ug/L
RT: 2.255 min Scan# 674
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 45 Resp: 224723

Ion	Ratio	Lower	Upper
45	100		
87	30.1	0.0	59.9
43	52.4	22.2	82.2

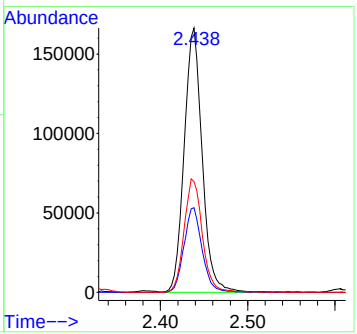


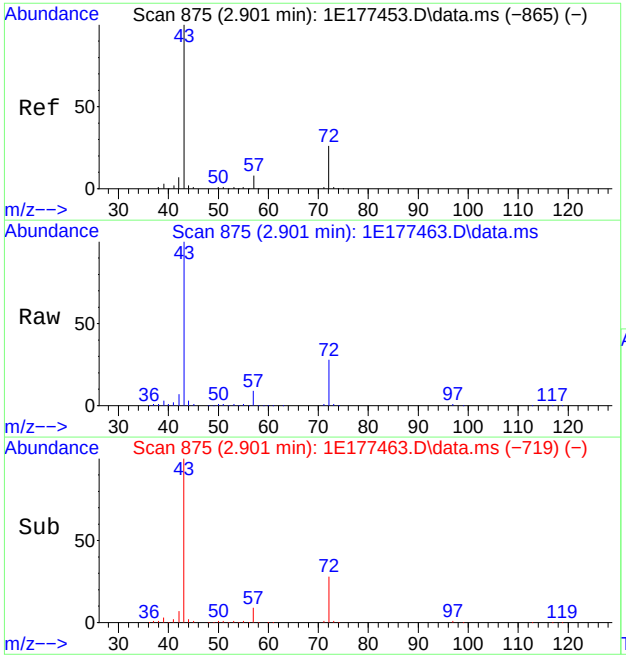


#28
ethyl tert-butyl ether
Concen: 47.48 ug/L
RT: 2.438 min Scan# 731
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 59 Resp: 239454

Ion	Ratio	Lower	Upper
59	100		
57	32.1	1.2	61.2
87	41.9	14.3	74.3

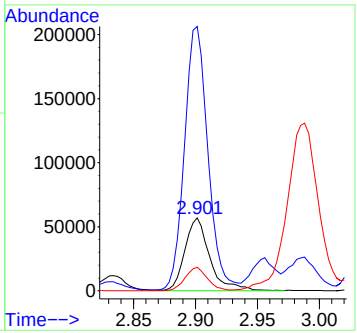


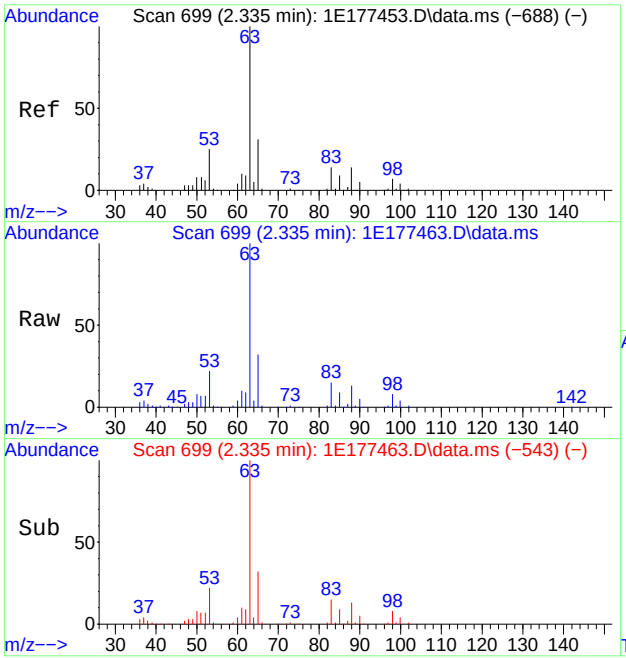


#29
2-butanone
Concen: 189.51 ug/L
RT: 2.901 min Scan# 875
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 72 Resp: 79665

Ion	Ratio	Lower	Upper
72	100		
43	362.3	351.4	411.4
57	32.7	1.3	61.3

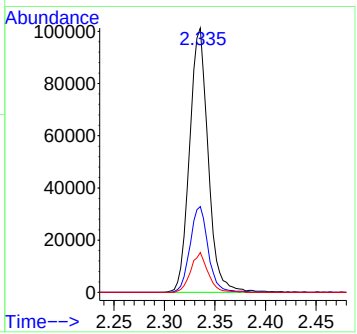


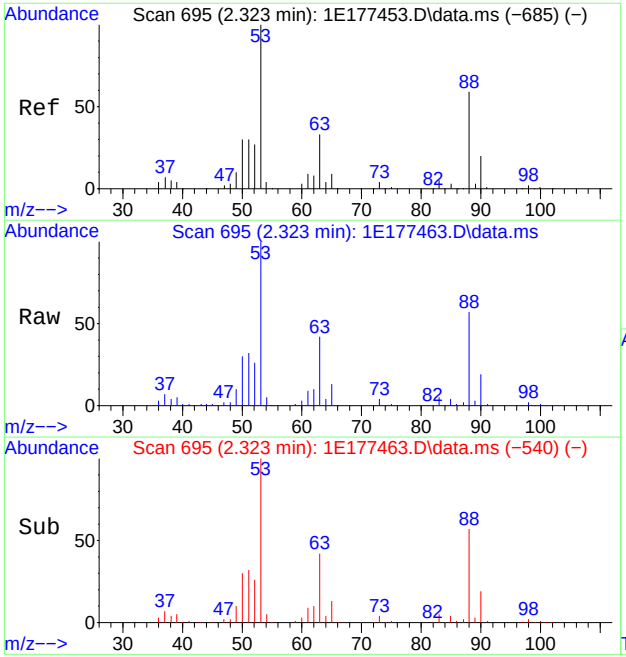


#30
1,1-dichloroethane
Concen: 47.81 ug/L
RT: 2.335 min Scan# 699
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 63 Resp: 129690

Ion	Ratio	Lower	Upper
63	100		
65	32.4	1.1	61.1
83	15.0	0.0	44.4

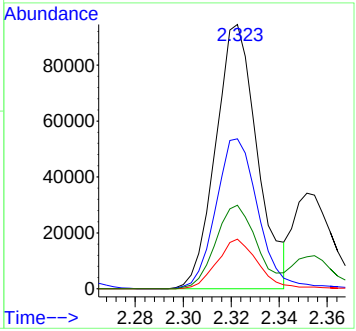


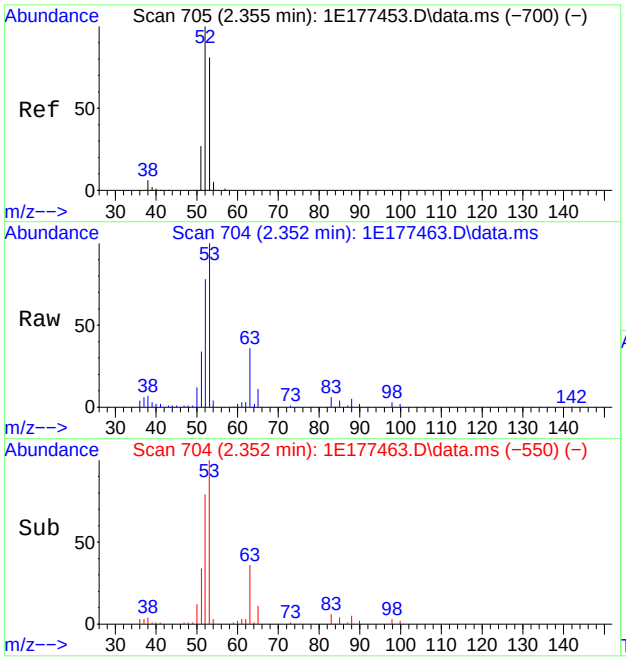


#31
chloroprene
Concen: 48.29 ug/L
RT: 2.323 min Scan# 695
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 53 Resp: 114052

Ion	Ratio	Lower	Upper
53	100		
88	56.7	29.0	89.0
90	18.8	0.0	50.3
51	31.6	0.0	60.0

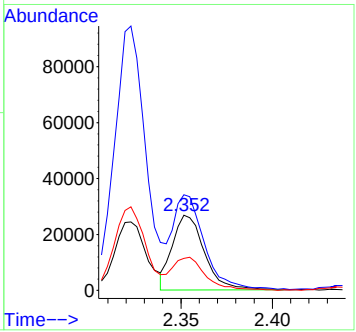


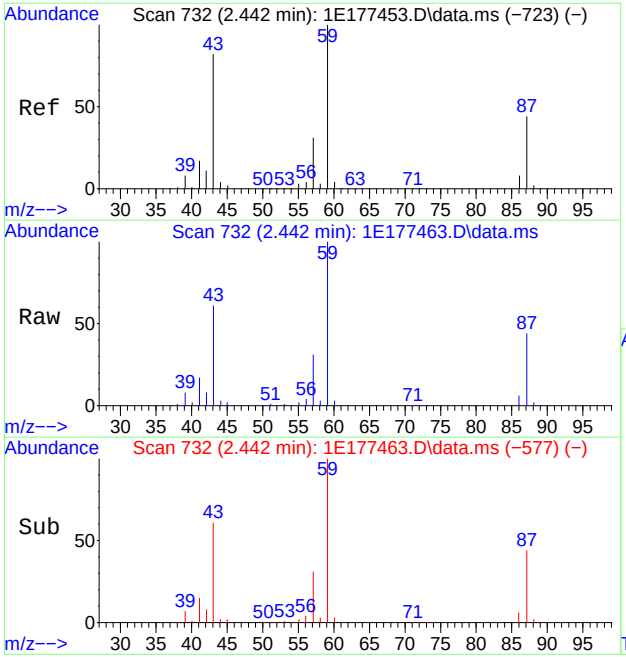


#32
acrylonitrile
Concen: 48.73 ug/L
RT: 2.352 min Scan# 704
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 52 Resp: 32654

Ion	Ratio	Lower	Upper
52	100		
53	126.6	98.3	158.3
51	42.4	13.3	73.3

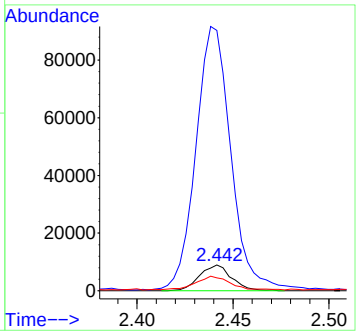


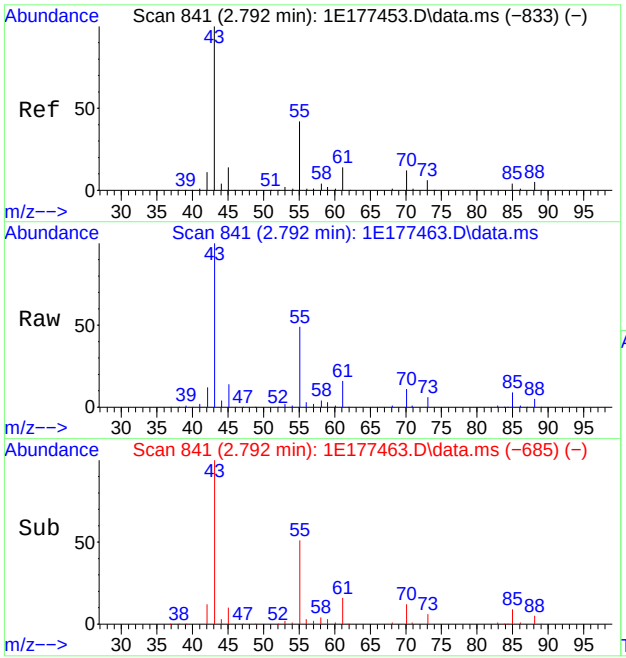


#33
vinyl acetate
Concen: 32.24 ug/L
RT: 2.442 min Scan# 732
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 86 Resp: 10443

Ion	Ratio	Lower	Upper
86	100		
43	1000.6	996.1	1056.1
44	46.3	16.2	76.2

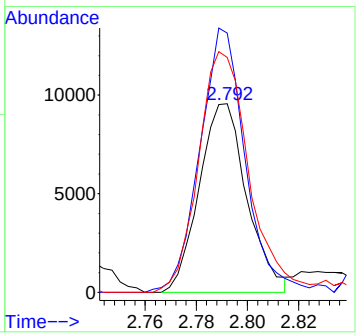


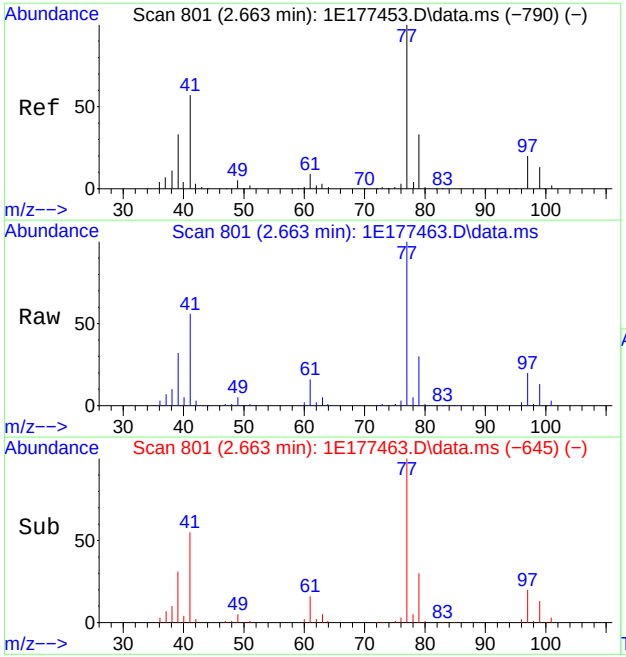


#34
ethyl acetate
Concen: 49.98 ug/L
RT: 2.792 min Scan# 841
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 70 Resp: 12399

Ion	Ratio	Lower	Upper
70	100		
61	134.8	88.3	148.3
45	122.3	89.7	149.7

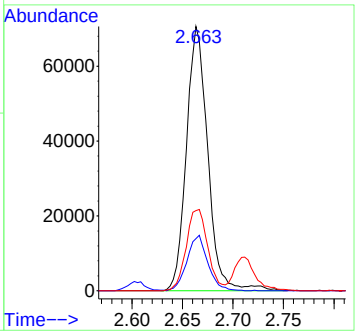


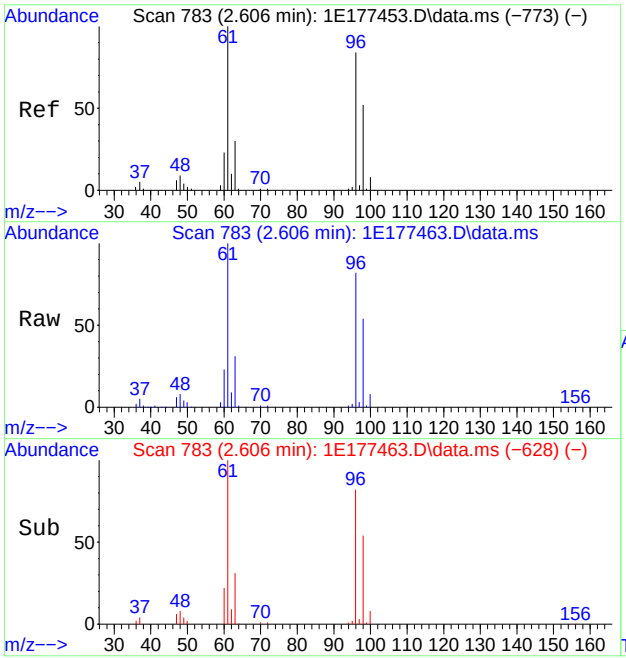


#35
2,2-dichloropropane
Concen: 45.76 ug/L
RT: 2.663 min Scan# 801
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 77 Resp: 104253

Ion	Ratio	Lower	Upper
77	100		
97	19.7	0.0	50.3
79	30.3	2.7	62.7

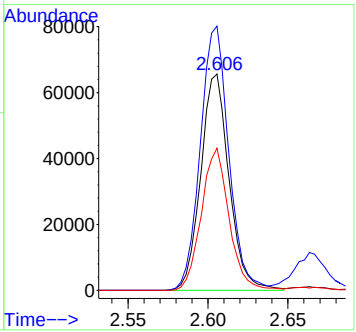


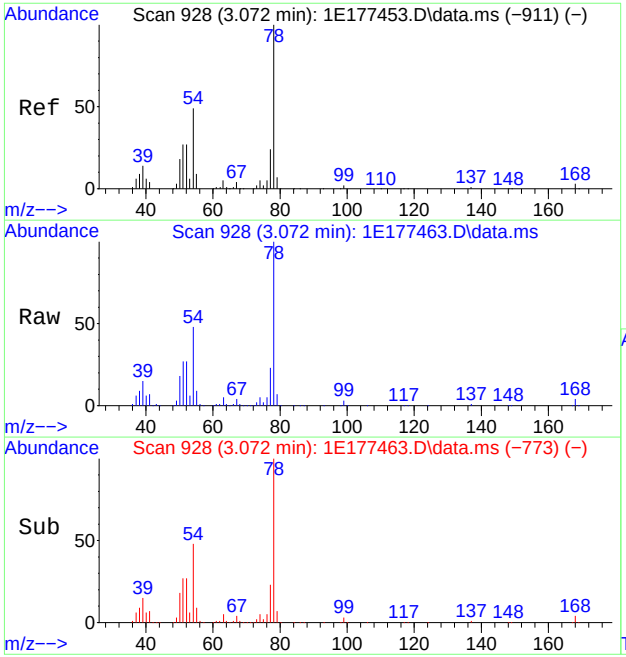


#36
cis-1,2-dichloroethene
Concen: 47.86 ug/L
RT: 2.606 min Scan# 783
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 96 Resp: 81087

Ion	Ratio	Lower	Upper
96	100		
61	122.1	89.1	149.1
98	65.7	31.8	91.8

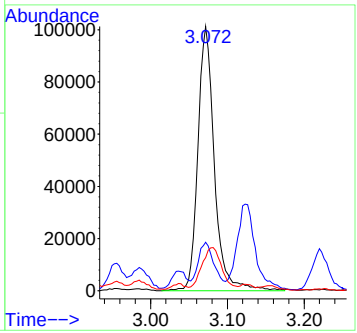


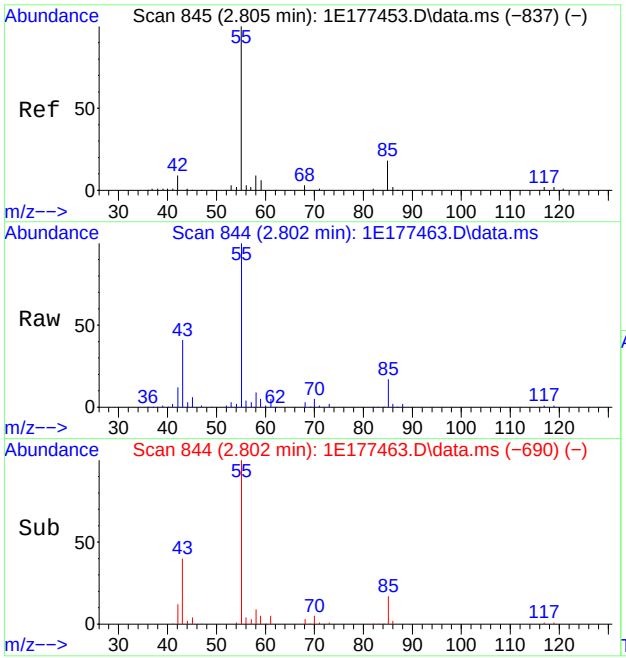


#37
propionitrile
Concen: 422.22 ug/L
RT: 3.072 min Scan# 928
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 54 Resp: 151601

Ion	Ratio	Lower	Upper
54	100		
55	17.4	0.0	49.2
40	11.9	0.0	43.2

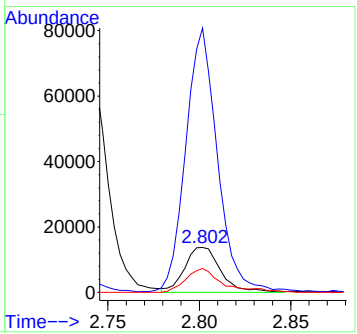


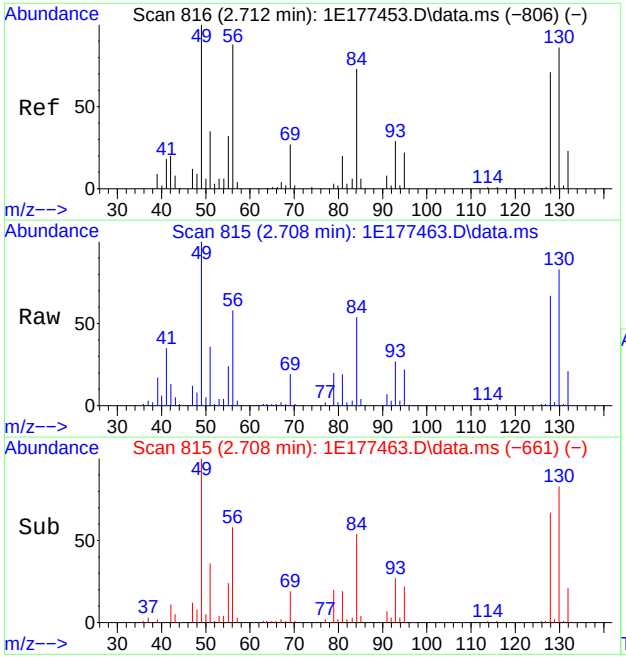


#38
methyl acrylate
Concen: 48.78 ug/L
RT: 2.802 min Scan# 844
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 85 Resp: 18923

Ion	Ratio	Lower	Upper
85	100		
55	587.2	505.5	545.5#
58	53.7	25.5	65.5

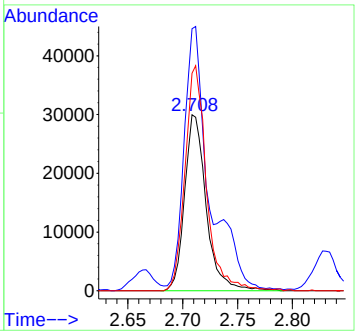


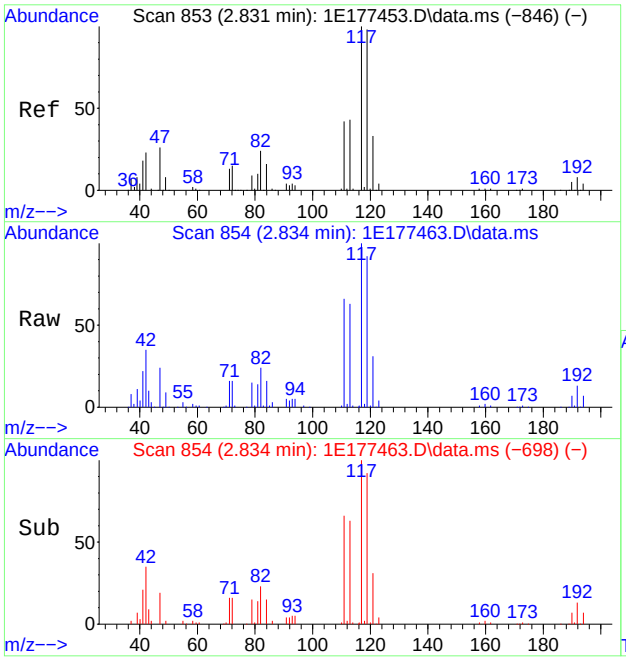


#39
bromochloromethane
Concen: 47.42 ug/L
RT: 2.708 min Scan# 815
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:128 Resp: 41192

Ion	Ratio	Lower	Upper
128	100		
49	148.1	113.7	173.7
130	123.4	91.4	151.4

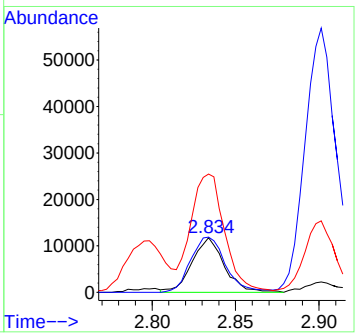


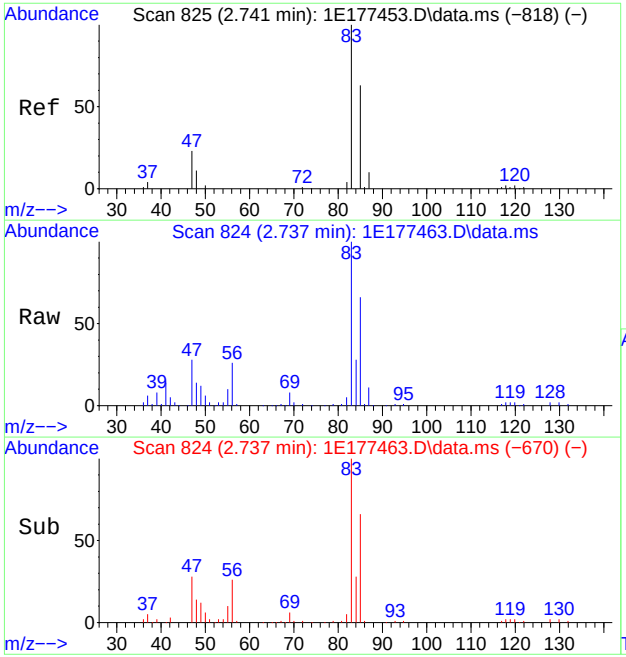


#40
tetrahydrofuran
Concen: 48.76 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 71 Resp: 15802

Ion	Ratio	Lower	Upper
71	100		
72	100.9	82.2	142.2
42	208.7	201.9	261.9

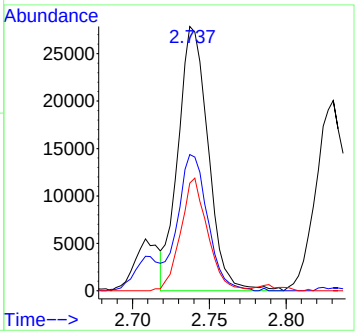


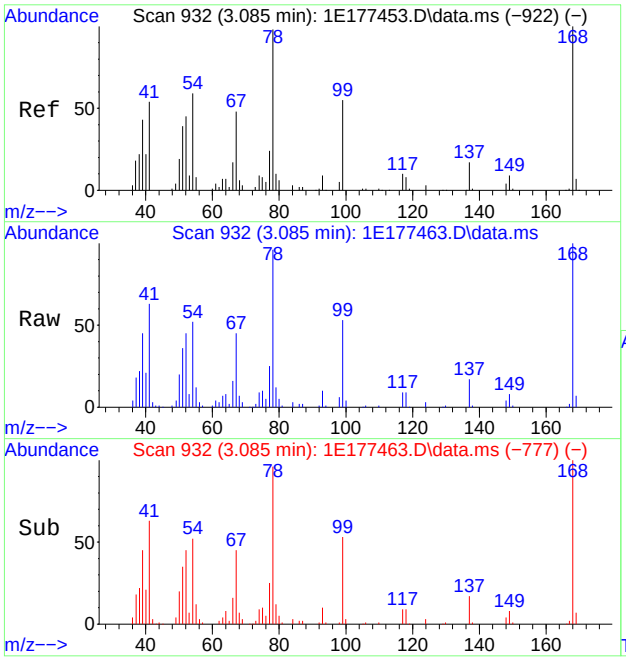


#41
chloroform
Concen: 45.80 ug/L
RT: 2.737 min Scan# 824
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 47 Resp: 38116

Ion	Ratio	Lower	Upper
47	100		
48	51.6	23.0	83.0
87	39.9	8.1	68.1

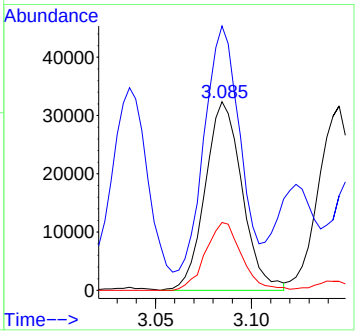


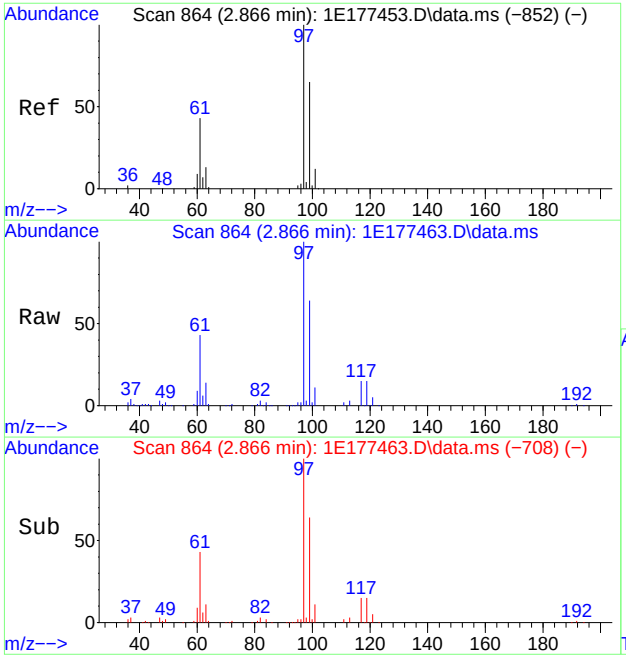


#43
methacrylonitrile
Concen: 45.68 ug/L
RT: 3.085 min Scan# 932
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 67 Resp: 43422

Ion	Ratio	Lower	Upper
67	100		
41	116.2	83.8	143.8
66	36.0	6.0	66.0

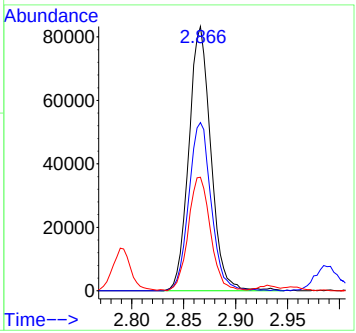


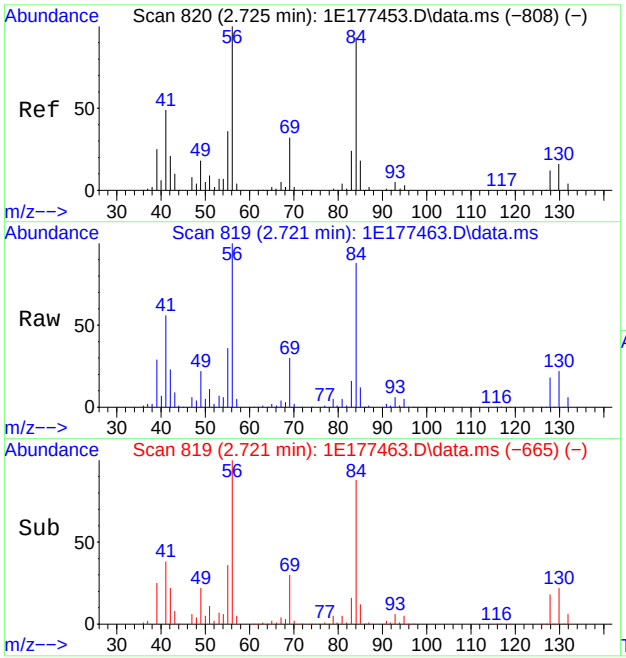


#44
1,1,1-trichloroethane
Concen: 46.58 ug/L
RT: 2.866 min Scan# 864
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 97 Resp: 123239

Ion	Ratio	Lower	Upper
97	100		
99	63.6	34.9	94.9
61	42.5	13.2	73.2

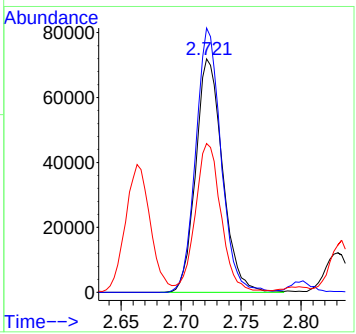


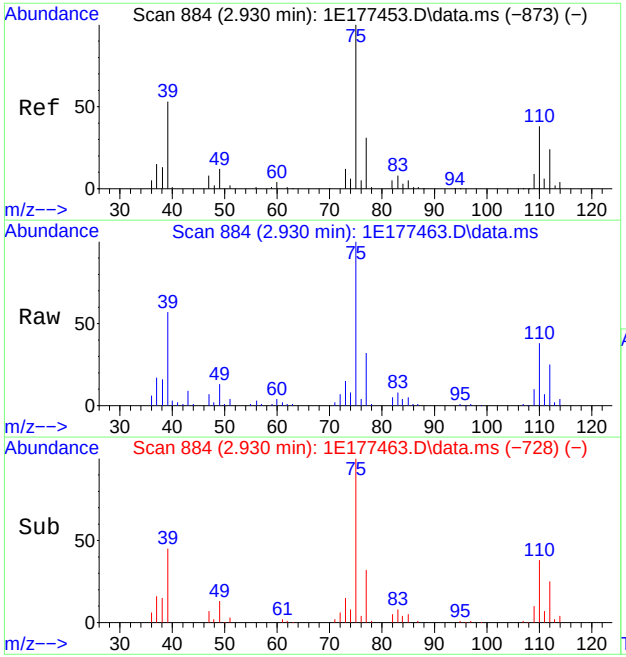


#45
cyclohexane
Concen: 49.05 ug/L
RT: 2.721 min Scan# 819
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 84 Resp: 112098

Ion	Ratio	Lower	Upper
84	100		
56	113.2	87.1	127.1
41	62.4	36.3	76.3

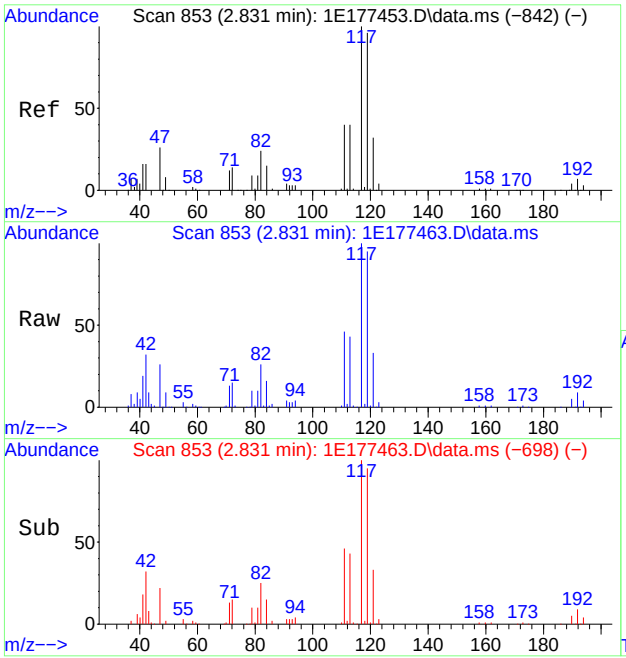




#46
1,1-dichloropropene
Concen: 48.74 ug/L
RT: 2.930 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 75 Resp: 101838

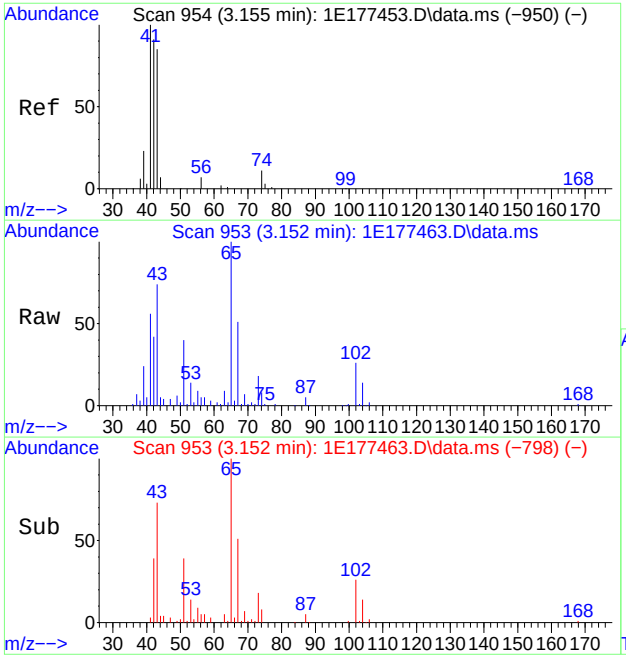
Ion	Ratio	Lower	Upper
75	100		
77	32.4	10.6	50.6
110	38.0	17.7	57.7
112	24.9	4.2	44.2



#47
carbon tetrachloride
Concen: 46.04 ug/L
RT: 2.831 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:117 Resp: 114022

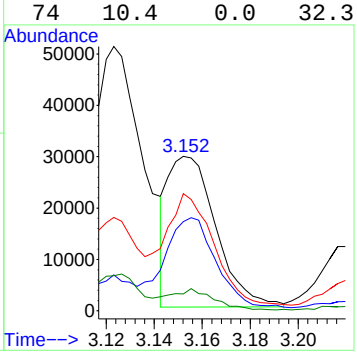
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.4	116.4
121	32.8	12.4	52.4
82	25.7	4.0	44.0

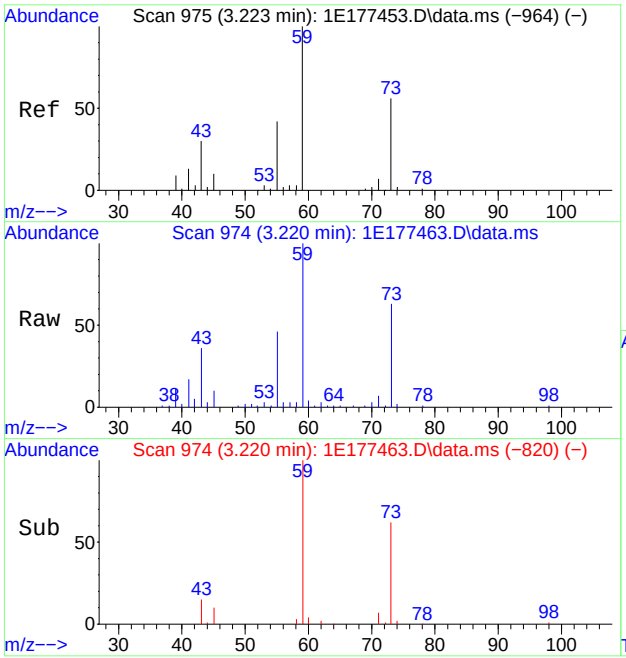


#48
isobutyl alcohol
Concen: 415.51 ug/L
RT: 3.152 min Scan# 953
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 43 Resp: 40725

Ion	Ratio	Lower	Upper
43	100		
42	57.9	34.0	74.0
41	75.3	52.4	92.4
74	10.4	0.0	32.3

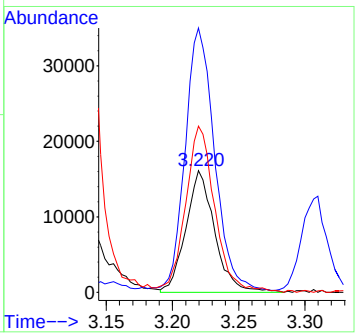


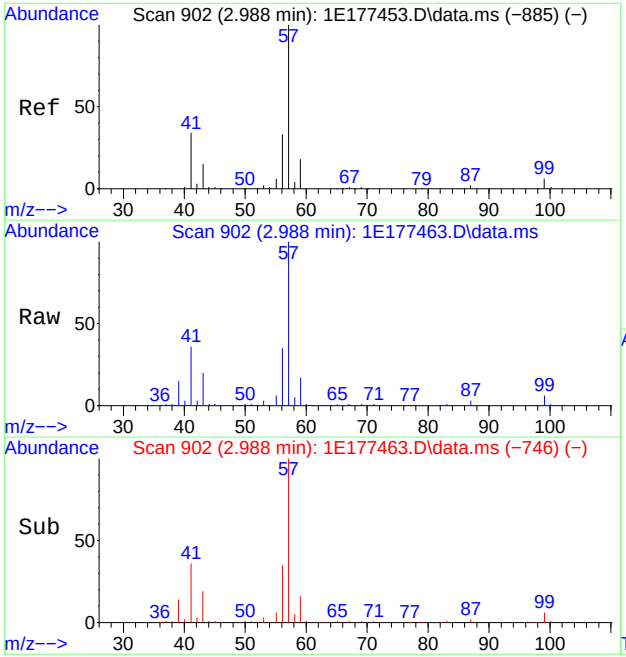


#49
tert-amyl alcohol
Concen: 223.42 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 55 Resp: 24422

Ion	Ratio	Lower	Upper
55	100		
59	213.5	210.1	250.1
73	136.5	111.6	151.6

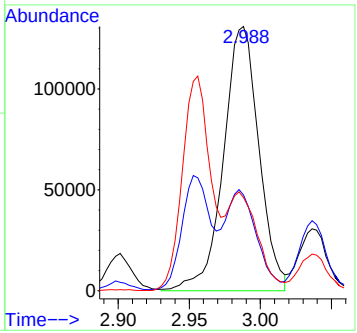


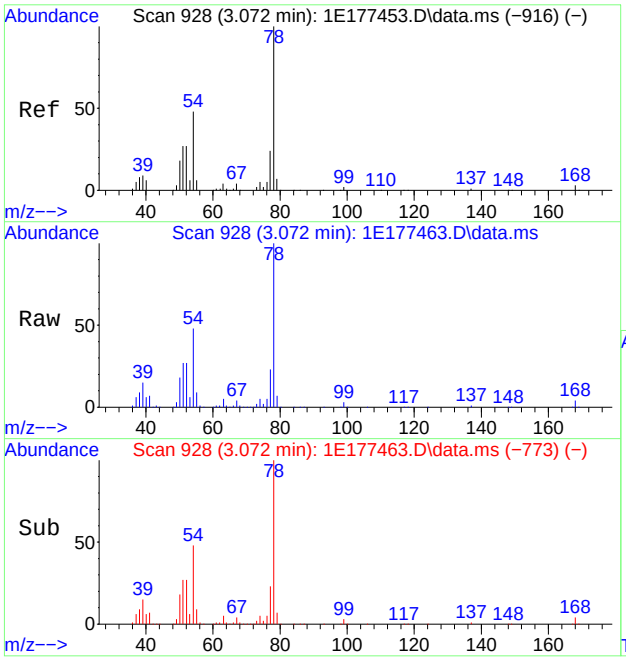


#52
iso-octane
Concen: 49.66 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 57 Resp: 227656

Ion	Ratio	Lower	Upper
57	100		
41	35.3	14.3	54.3
56	33.7	13.6	53.6

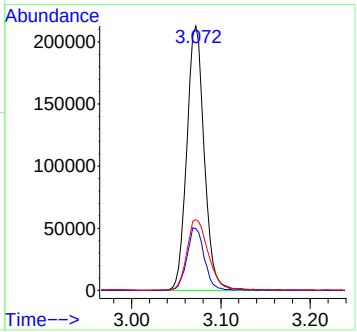


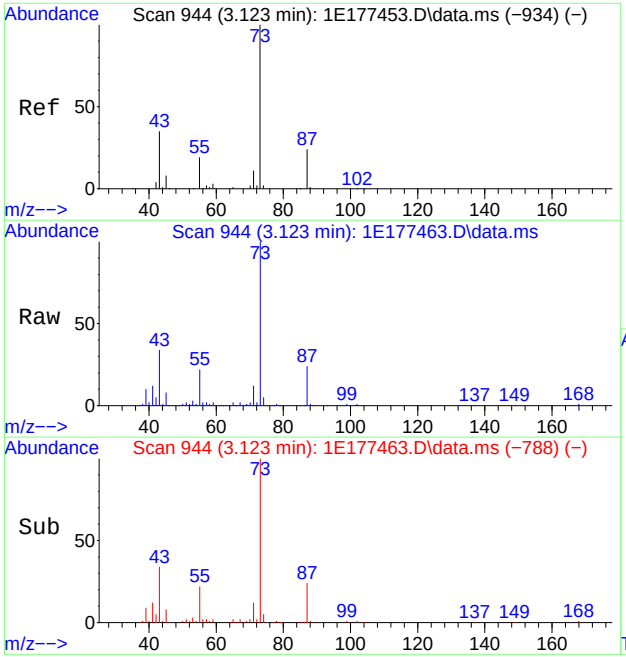


#53
benzene
Concen: 51.77 ug/L
RT: 3.072 min Scan# 928
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 78 Resp: 289012

Ion	Ratio	Lower	Upper
78	100		
77	23.3	0.0	54.3
52	26.6	0.0	57.1

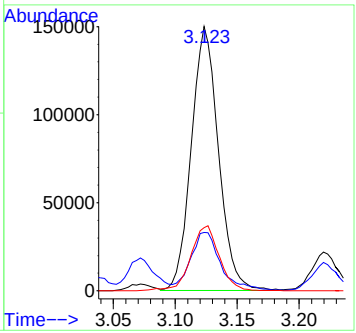


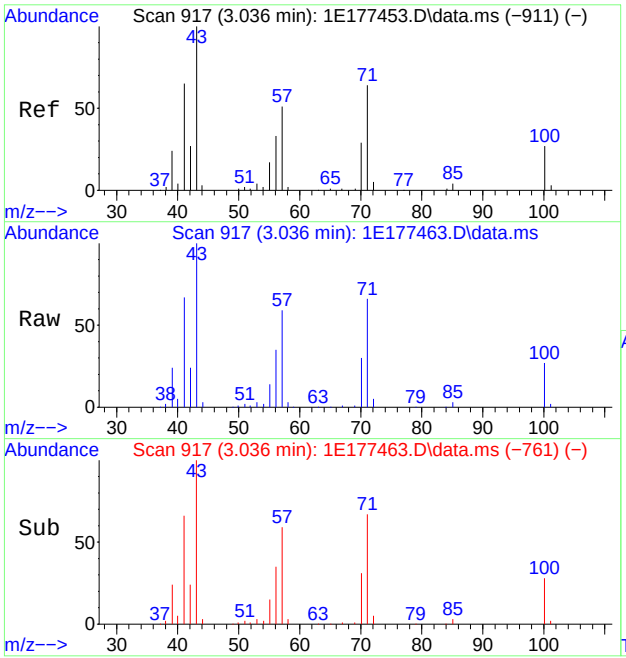


#54
tert-amyl methyl ether
Concen: 49.59 ug/L
RT: 3.123 min Scan# 944
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 73 Resp: 228826

Ion	Ratio	Lower	Upper
73	100		
55	21.9	2.5	42.5
87	24.0	5.0	45.0

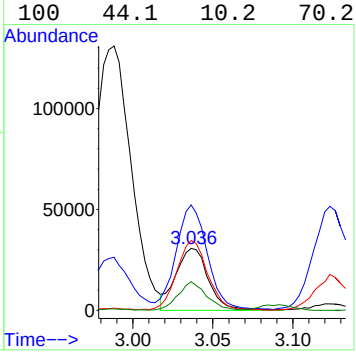


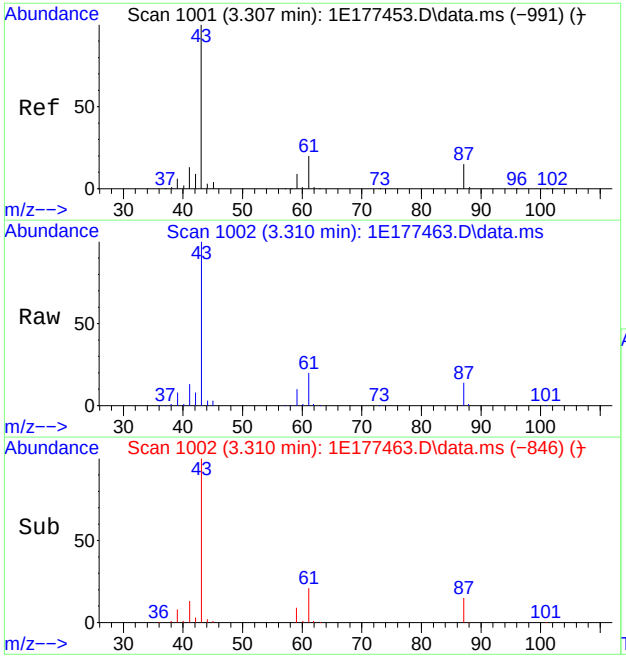


#55
heptane
Concen: 50.94 ug/L
RT: 3.036 min Scan# 917
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 57 Resp: 43688

Ion	Ratio	Lower	Upper
57	100		
43	167.9	129.2	189.2
71	112.4	71.9	131.9
100	44.1	10.2	70.2

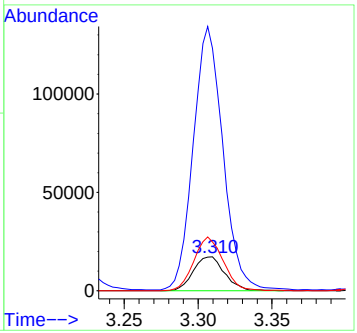


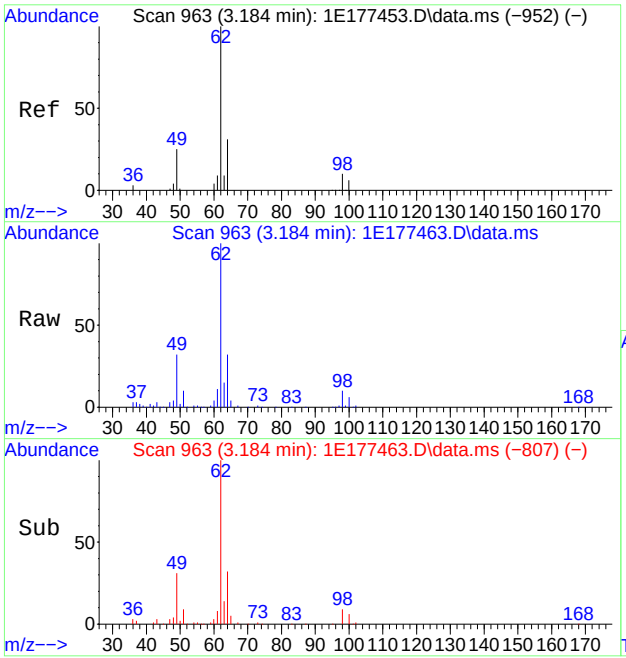


#56
isopropyl acetate
Concen: 50.67 ug/L
RT: 3.310 min Scan# 1002
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 87 Resp: 25513

Ion	Ratio	Lower	Upper
87	100		
43	712.5	647.0	707.0#
61	143.7	104.0	164.0

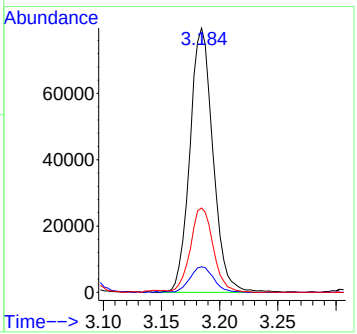


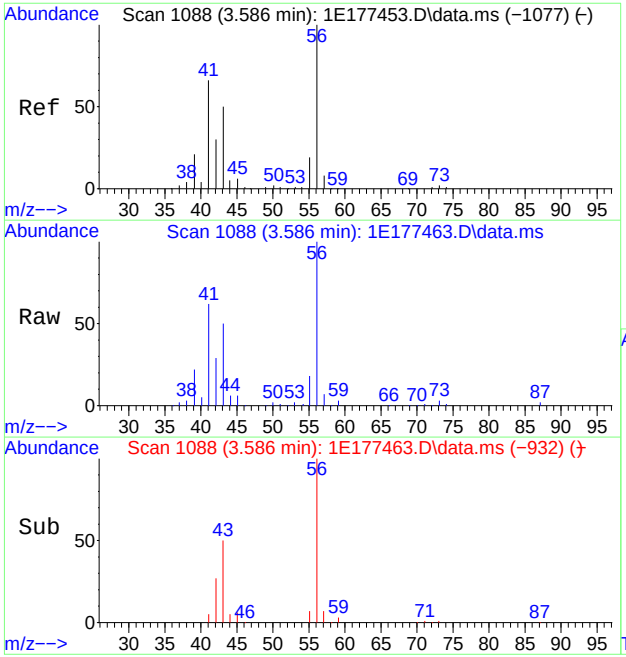


#57
1,2-dichloroethane
Concen: 48.32 ug/L
RT: 3.184 min Scan# 963
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 62 Resp: 110128

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	39.5
64	31.9	1.9	61.9

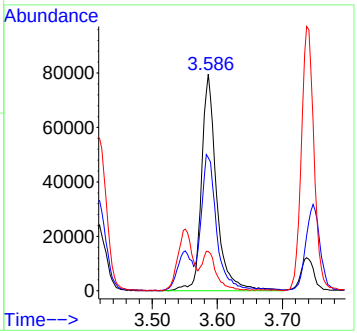


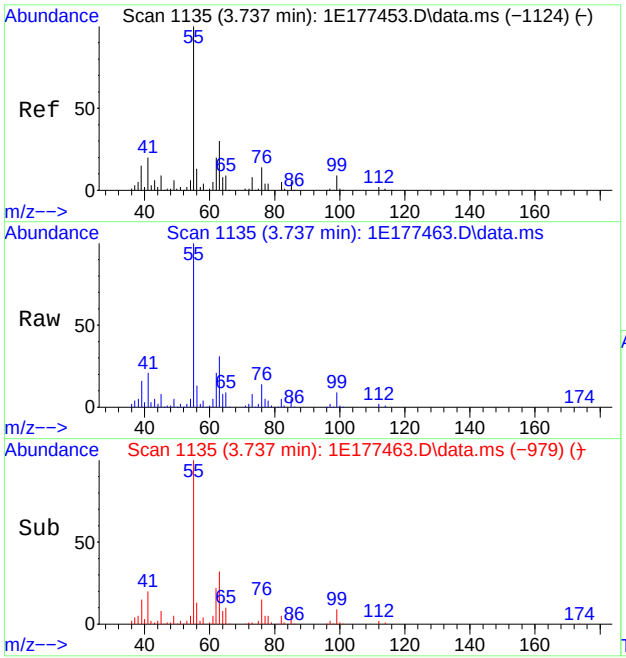


#58
n-butyl alcohol
Concen: 2297.24 ug/L
RT: 3.586 min Scan# 1088
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 56 Resp: 128710

Ion	Ratio	Lower	Upper
56	100		
41	61.6	46.6	86.6
55	18.1	0.0	39.2

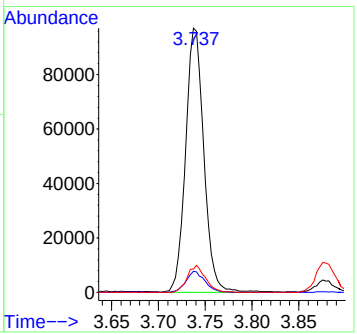


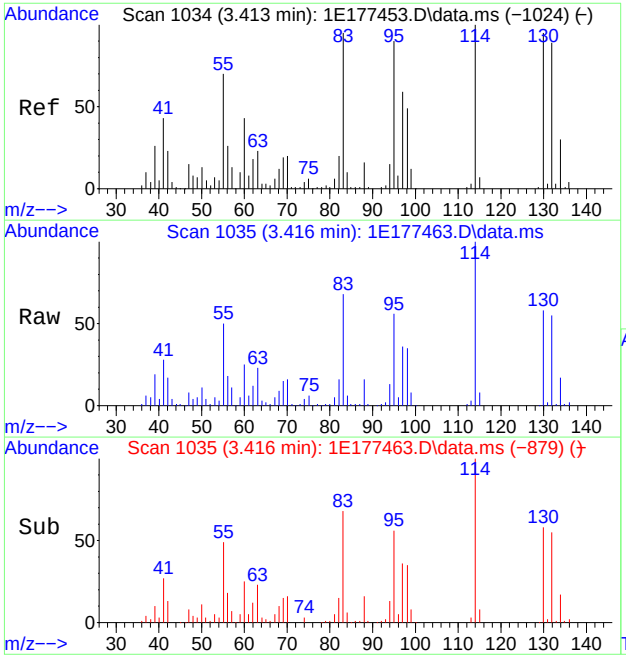


#59
ethyl acrylate
Concen: 49.99 ug/L
RT: 3.737 min Scan# 1135
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 55 Resp: 132067

Ion	Ratio	Lower	Upper
55	100		
73	7.9	0.0	37.9
99	8.8	0.0	38.9

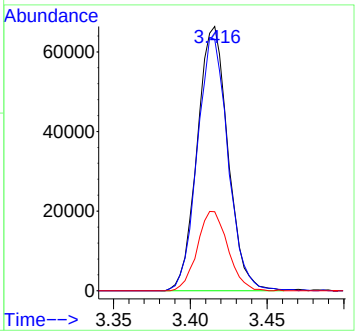


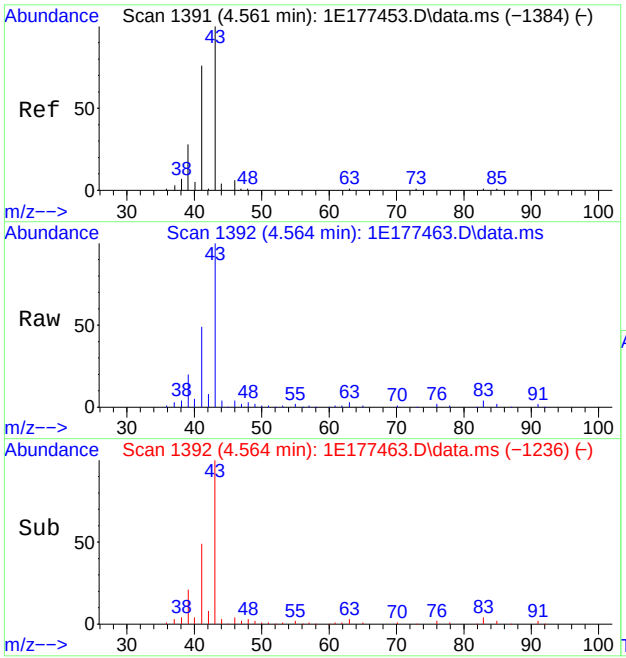


#60
trichloroethene
Concen: 54.02 ug/L
RT: 3.416 min Scan# 1035
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:130 Resp: 92544

Ion	Ratio	Lower	Upper
130	100		
132	95.0	63.8	123.8
134	29.9	1.3	61.3

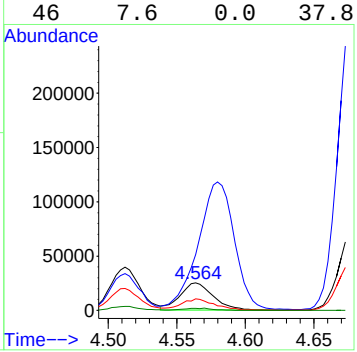


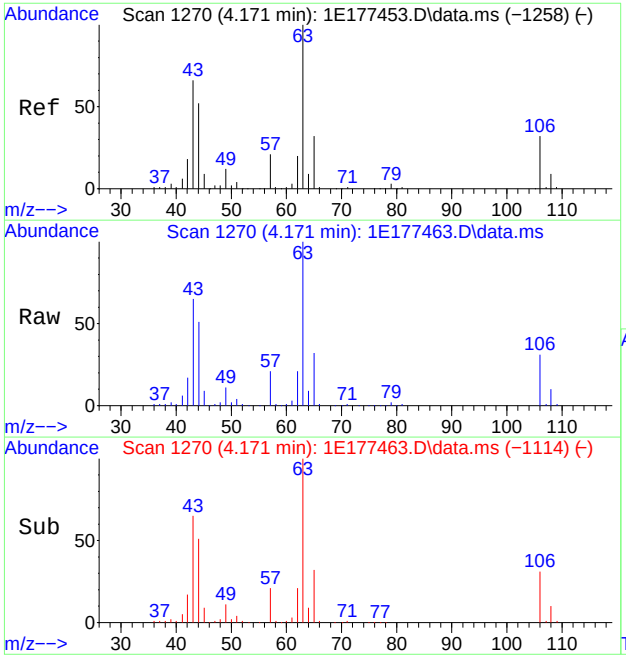


#61
2-nitropropane
Concen: 49.68 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 41 Resp: 41994

Ion	Ratio	Lower	Upper
41	100		
43	201.4	93.3	153.3#
39	41.3	9.2	69.2
46	7.6	0.0	37.8

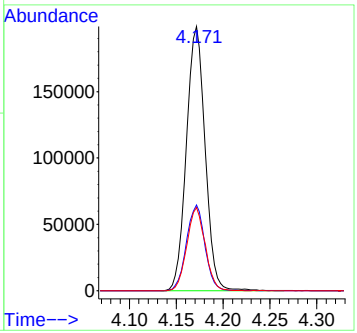


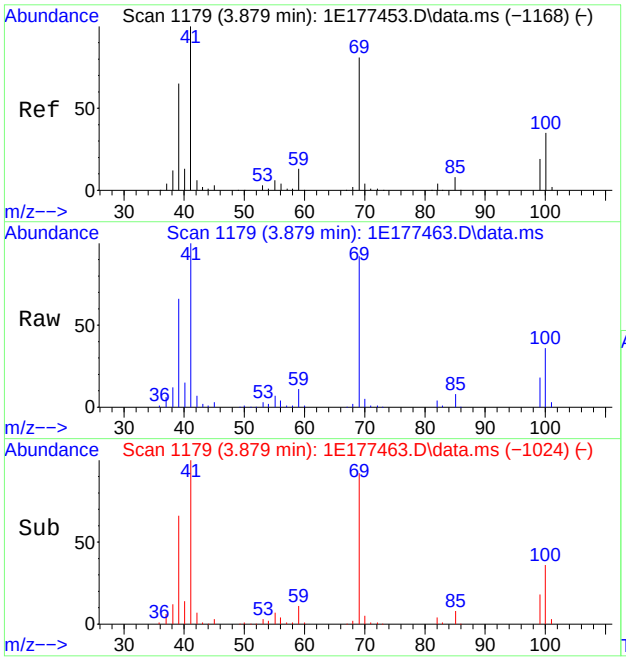


#62
2-chloroethyl vinyl ether
Concen: 293.20 ug/L
RT: 4.171 min Scan# 1270
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 63 Resp: 277300

Ion	Ratio	Lower	Upper
63	100		
65	32.5	1.9	61.9
106	31.5	2.0	62.0

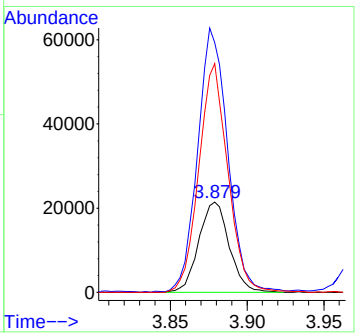


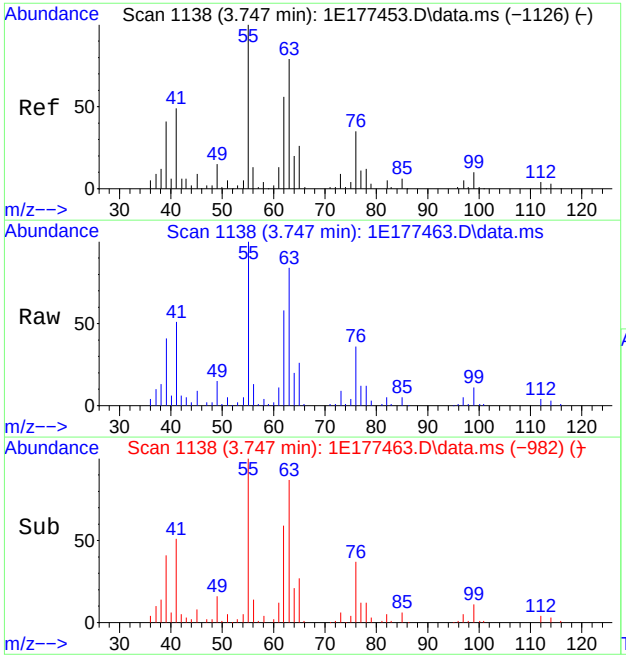


#63
methyl methacrylate
Concen: 50.74 ug/L
RT: 3.879 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:100 Resp: 29638

Ion	Ratio	Lower	Upper
100	100		
41	275.3	253.3	313.3
69	252.9	198.3	258.3

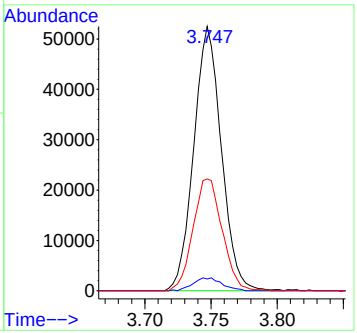


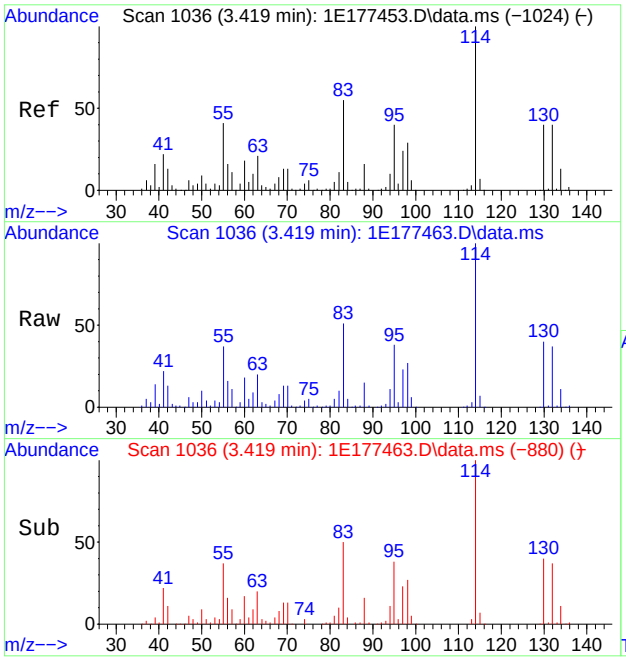


#64
1,2-dichloropropane
Concen: 51.89 ug/L
RT: 3.747 min Scan# 1138
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 63 Resp: 76185

Ion	Ratio	Lower	Upper
63	100		
112	4.4	0.0	34.8
76	42.3	14.8	74.8

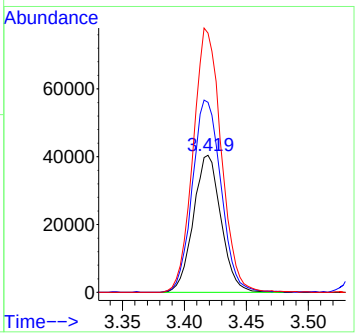


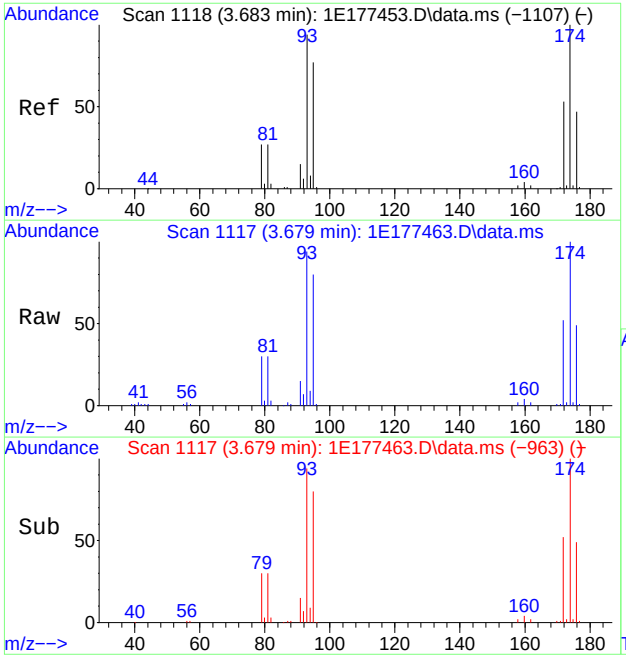


#65
methylcyclohexane
Concen: 51.77 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 98 Resp: 62894

Ion	Ratio	Lower	Upper
98	100		
55	138.8	109.6	169.6
83	189.3	187.2	187.2#

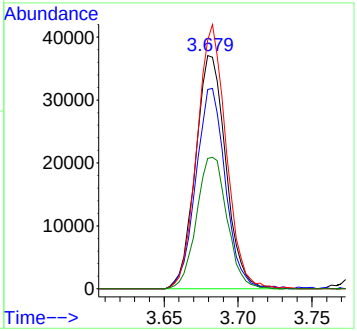


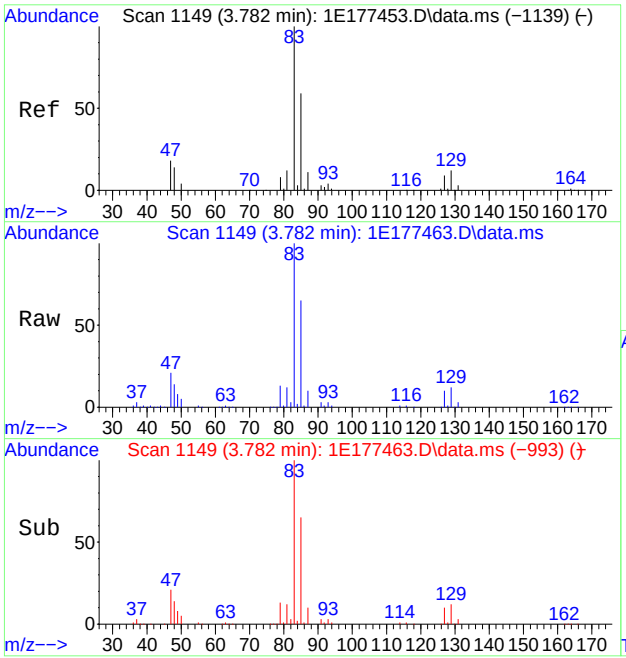


#66
dibromomethane
Concen: 48.63 ug/L
RT: 3.679 min Scan# 1117
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 93 Resp: 52829

Ion	Ratio	Lower	Upper
93	100		
95	85.5	51.7	111.7
174	106.6	76.6	136.6
172	55.9	36.3	76.3

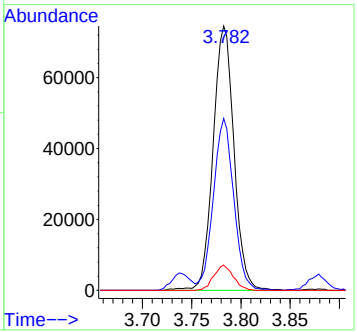


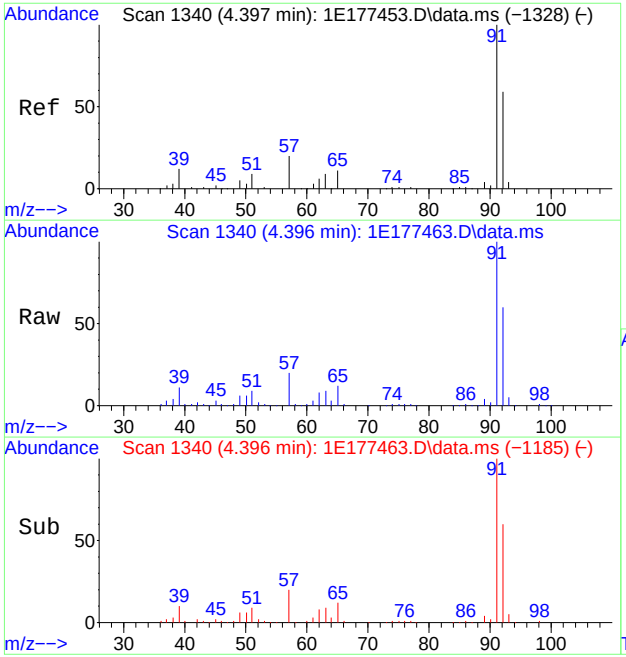


#67
bromodichloromethane
Concen: 51.18 ug/L
RT: 3.782 min Scan# 1149
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 83 Resp: 110243

Ion	Ratio	Lower	Upper
83	100		
85	65.0	33.0	93.0
127	9.5	0.0	38.8

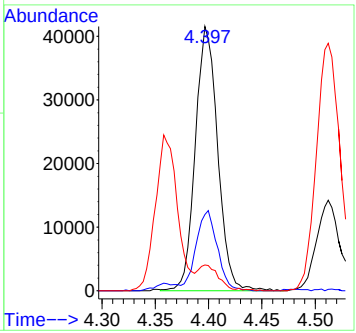


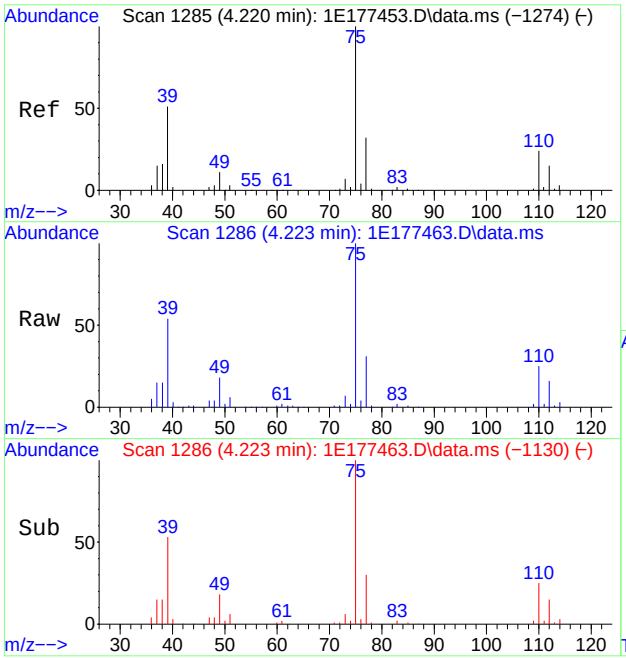


#68
epichlorohydrin
Concen: 231.88 ug/L
RT: 4.396 min Scan# 1340
Delta R.T. -0.001 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 57 Resp: 60677

Ion	Ratio	Lower	Upper
57	100		
49	28.3	8.6	48.6
42	9.8	0.0	30.2

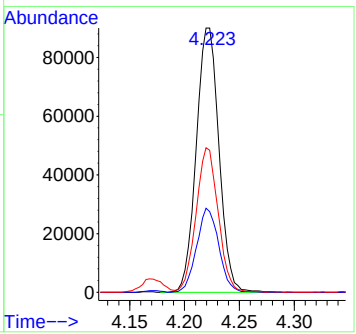


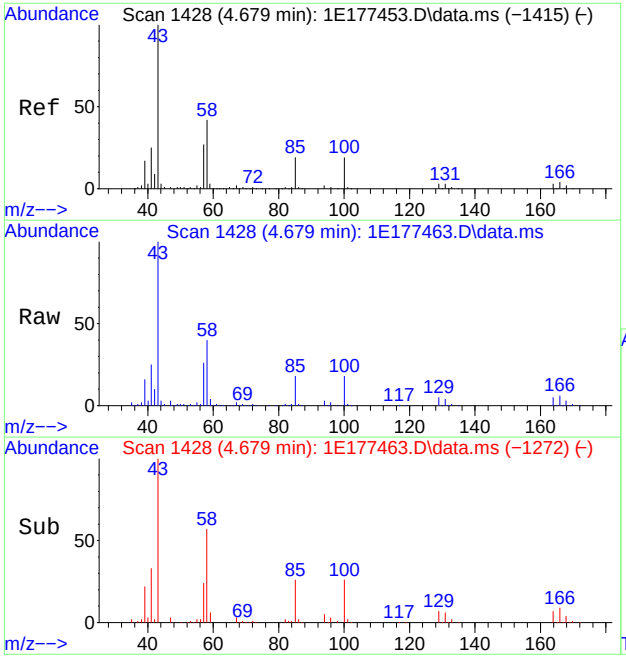


#69
cis-1,3-dichloropropene
Concen: 51.43 ug/L
RT: 4.223 min Scan# 1286
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 75 Resp: 130000

Ion	Ratio	Lower	Upper
75	100		
77	30.6	2.1	62.1
39	53.7	23.0	83.0

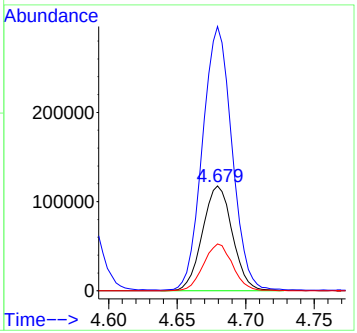


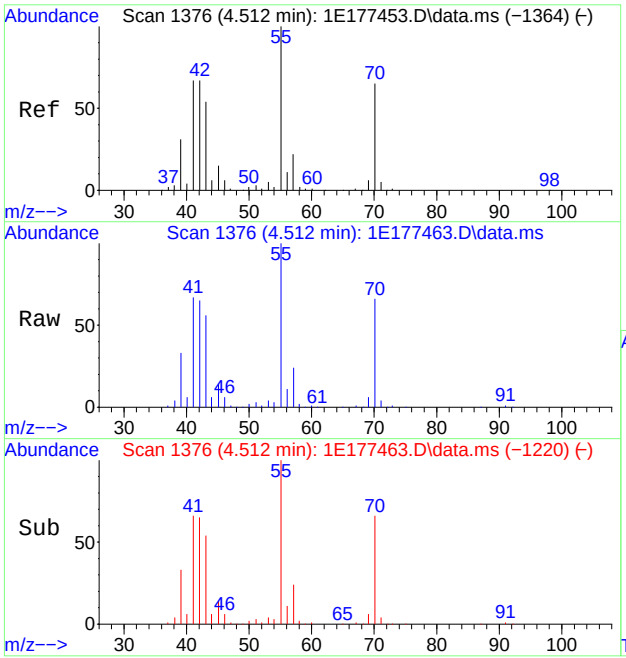


#70
4-methyl-2-pentanone
Concen: 204.89 ug/L
RT: 4.679 min Scan# 1428
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 58 Resp: 178894

Ion	Ratio	Lower	Upper
58	100		
43	251.4	210.4	270.4
100	44.6	14.6	74.6

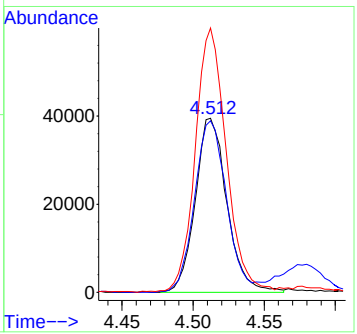


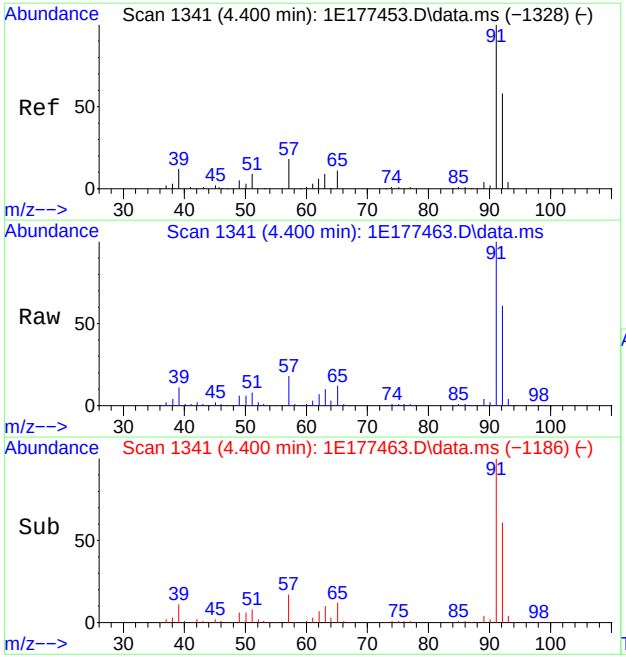


#71
3-methyl-1-butanol
Concen: 953.11 ug/L
RT: 4.512 min Scan# 1376
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 70 Resp: 61275

Ion	Ratio	Lower	Upper
70	100		
42	97.8	73.1	133.1
55	150.9	123.9	183.9

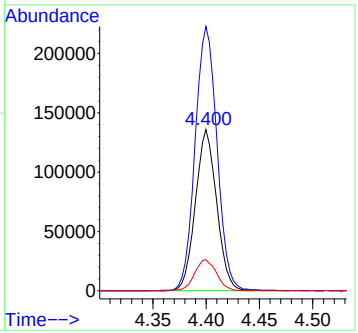


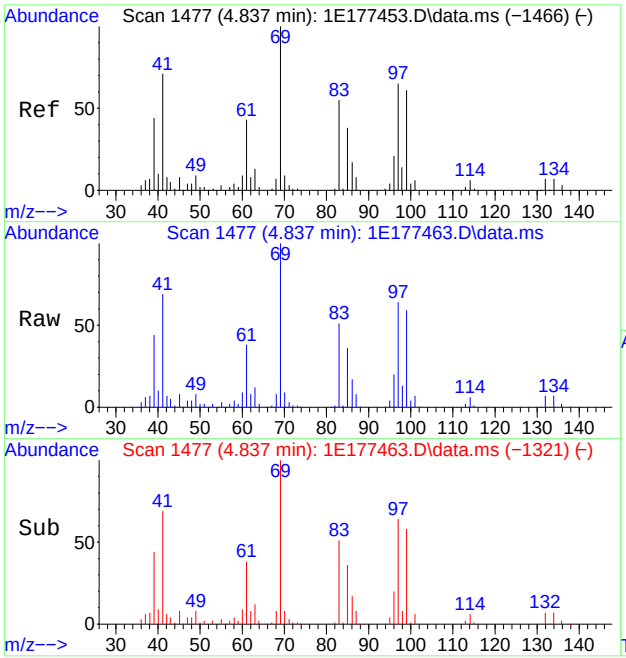


#74
toluene
Concen: 50.89 ug/L
RT: 4.400 min Scan# 1341
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 92 Resp: 188648

Ion	Ratio	Lower	Upper
92	100		
91	164.0	151.4	191.4
65	19.3	0.0	39.2

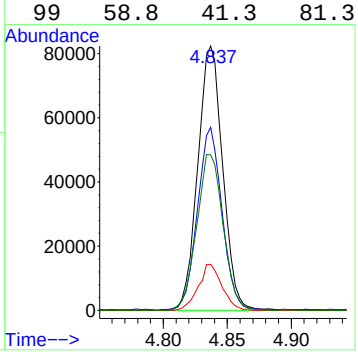


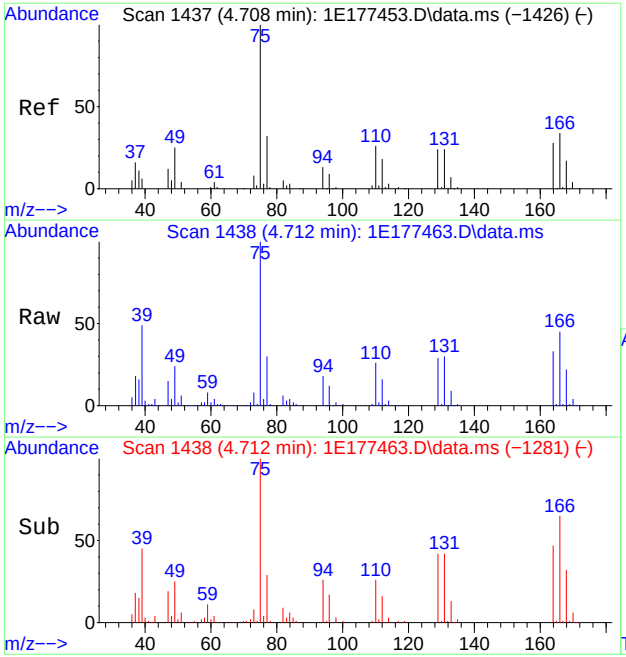


#75
ethyl methacrylate
Concen: 51.04 ug/L
RT: 4.837 min Scan# 1477
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 69 Resp: 111863

Ion	Ratio	Lower	Upper
69	100		
41	68.9	51.1	91.1
86	17.4	0.0	36.7
99	58.8	41.3	81.3

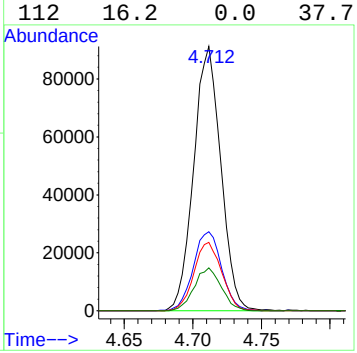


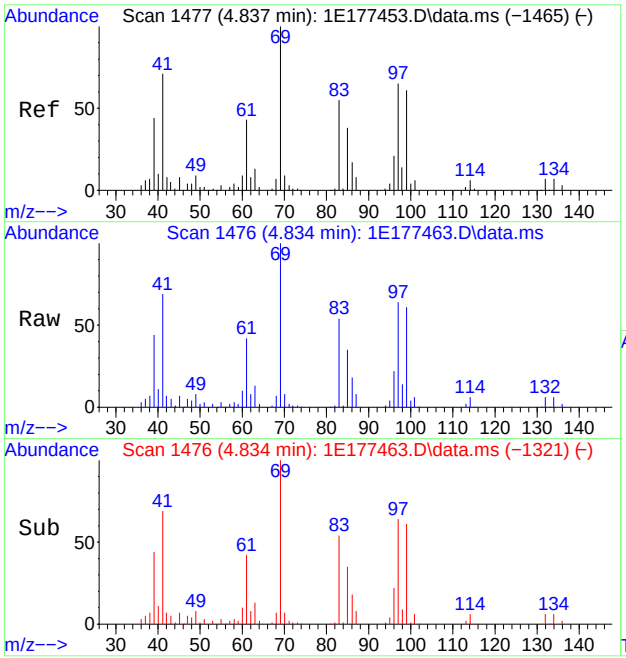


#76
trans-1,3-dichloropropene
Concen: 51.73 ug/L
RT: 4.712 min Scan# 1438
Delta R.T. 0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 75 Resp: 125568

Ion	Ratio	Lower	Upper
75	100		
77	29.9	12.4	52.4
110	25.9	6.3	46.3
112	16.2	0.0	37.7

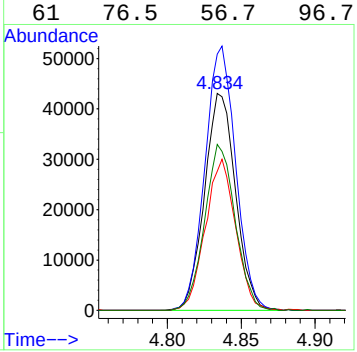


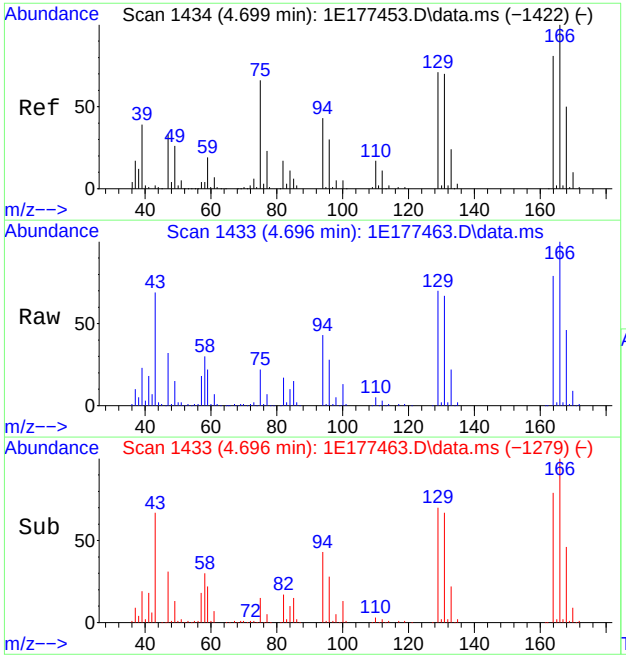


#77
1,1,2-trichloroethane
Concen: 49.02 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 83 Resp: 63019

Ion	Ratio	Lower	Upper
83	100		
97	118.1	97.4	137.4
85	64.1	48.3	88.3
61	76.5	56.7	96.7

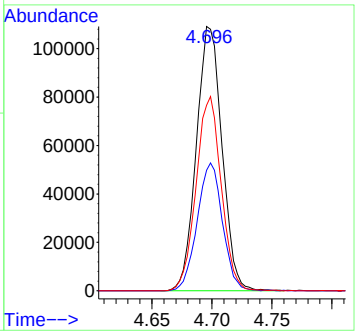


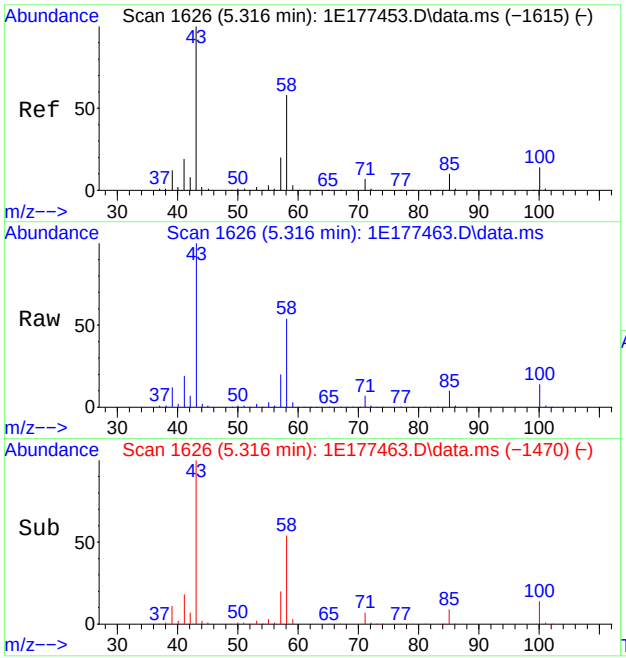


#78
tetrachloroethene
Concen: 92.61 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:166 Resp: 162429

Ion	Ratio	Lower	Upper
166	100		
168	45.6	20.1	80.1
129	70.2	41.0	101.0

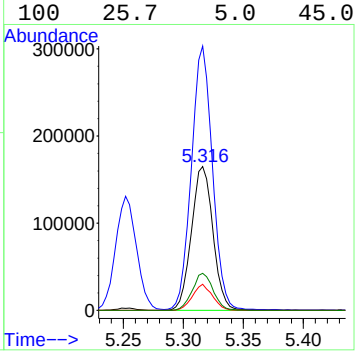


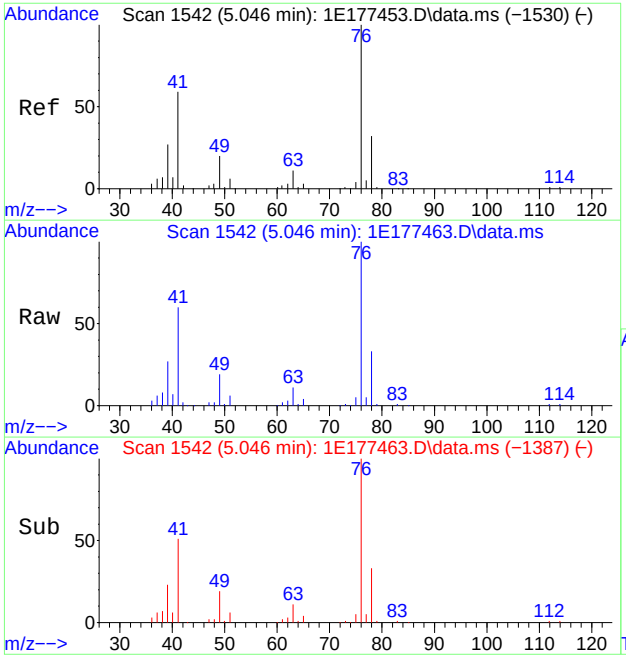


#79
2-hexanone
Concen: 193.70 ug/L
RT: 5.316 min Scan# 1626
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 58 Resp: 206992

Ion	Ratio	Lower	Upper
58	100		
43	183.6	153.6	193.6
85	18.1	0.0	37.1
100	25.7	5.0	45.0

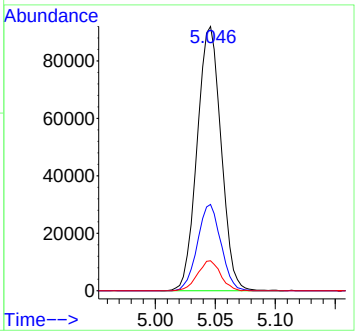


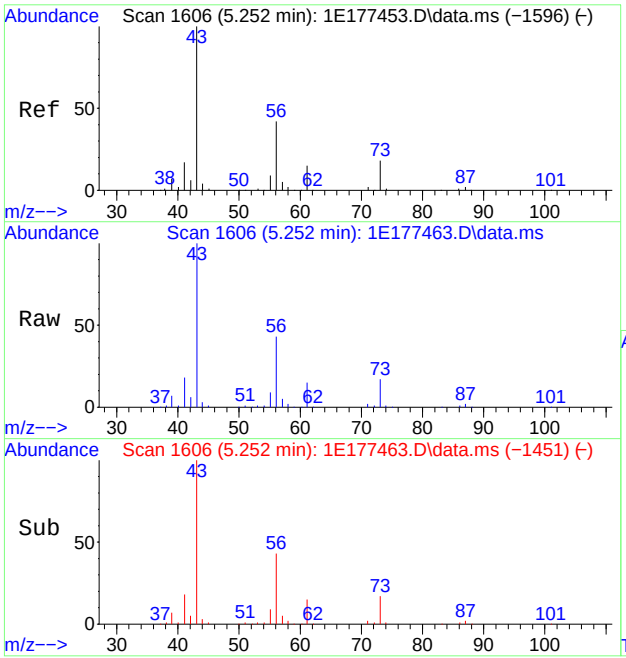


#80
1,3-dichloropropane
Concen: 51.18 ug/L
RT: 5.046 min Scan# 1542
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 76 Resp: 127927

Ion	Ratio	Lower	Upper
76	100		
78	32.7	2.4	62.4
63	11.3	0.0	41.1

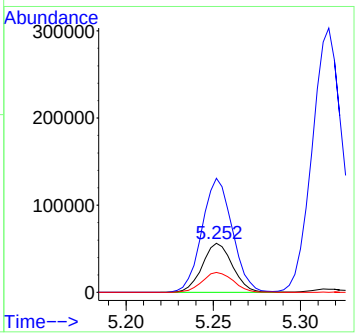


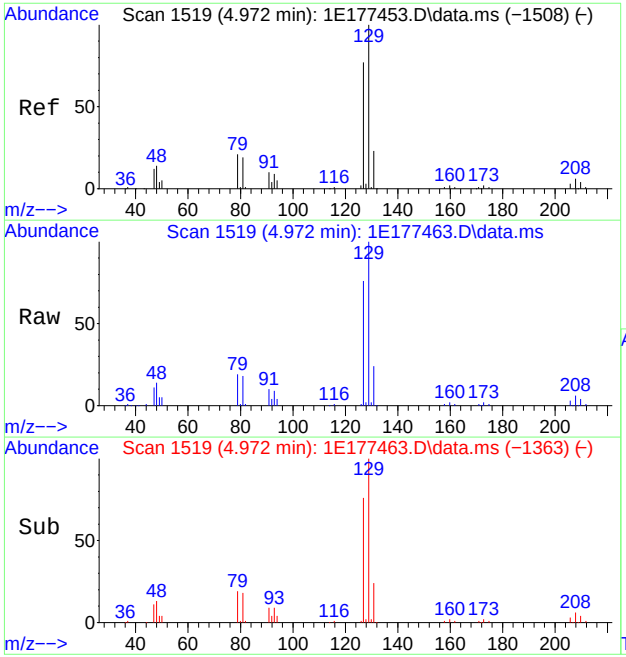


#81
butyl acetate
Concen: 53.09 ug/L
RT: 5.252 min Scan# 1606
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 56 Resp: 67992

Ion	Ratio	Lower	Upper
56	100		
43	232.7	205.8	265.8
73	40.4	13.1	73.1

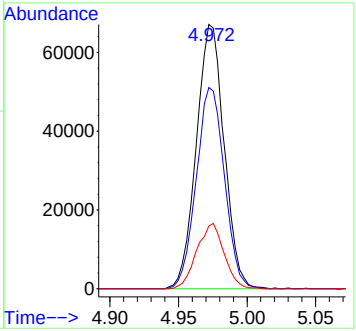


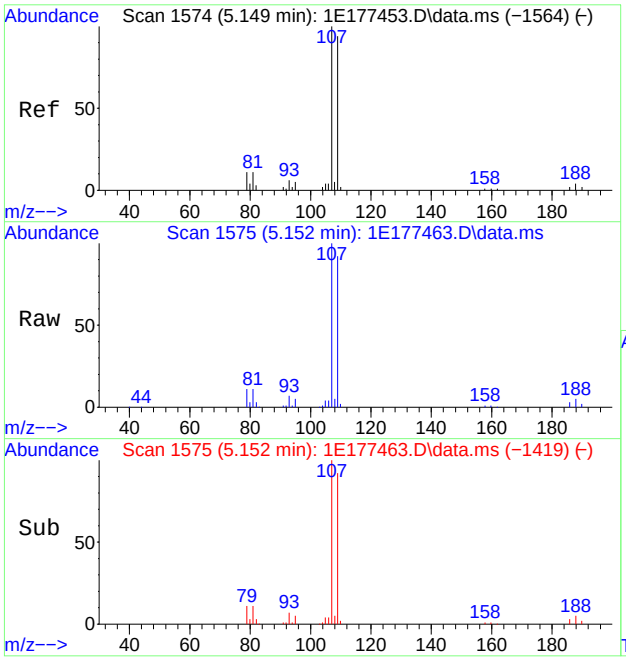


#82
dibromochloromethane
Concen: 49.40 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:129 Resp: 94624

Ion	Ratio	Lower	Upper
129	100		
127	76.1	47.3	107.3
131	23.8	0.0	52.9

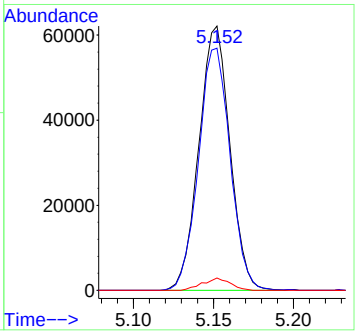


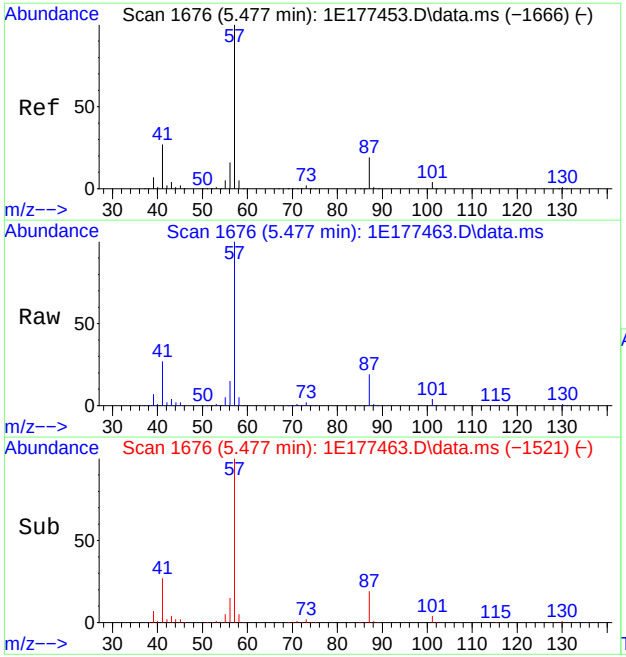


#83
1,2-dibromoethane
Concen: 50.19 ug/L
RT: 5.152 min Scan# 1575
Delta R.T. 0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:107 Resp: 83754

Ion	Ratio	Lower	Upper
107	100		
109	91.6	63.9	123.9
188	4.7	0.0	34.1

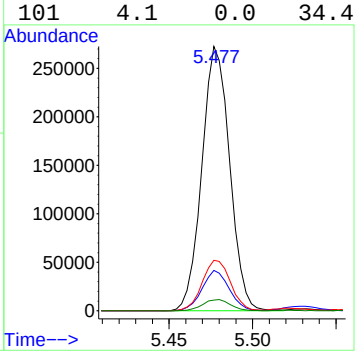


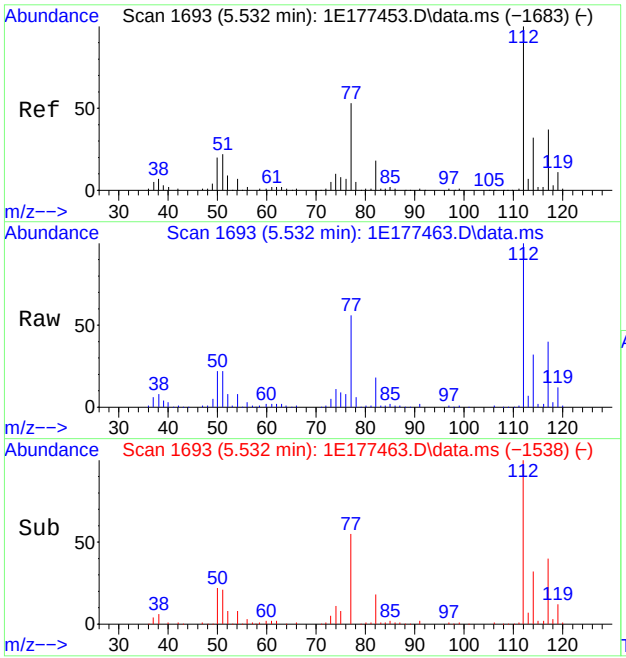


#84
n-butyl ether
Concen: 51.73 ug/L
RT: 5.477 min Scan# 1676
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 57 Resp: 315902

Ion	Ratio	Lower	Upper
57	100		
56	15.3	0.0	45.9
87	19.1	0.0	49.2
101	4.1	0.0	34.4

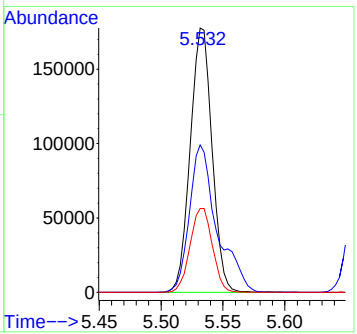


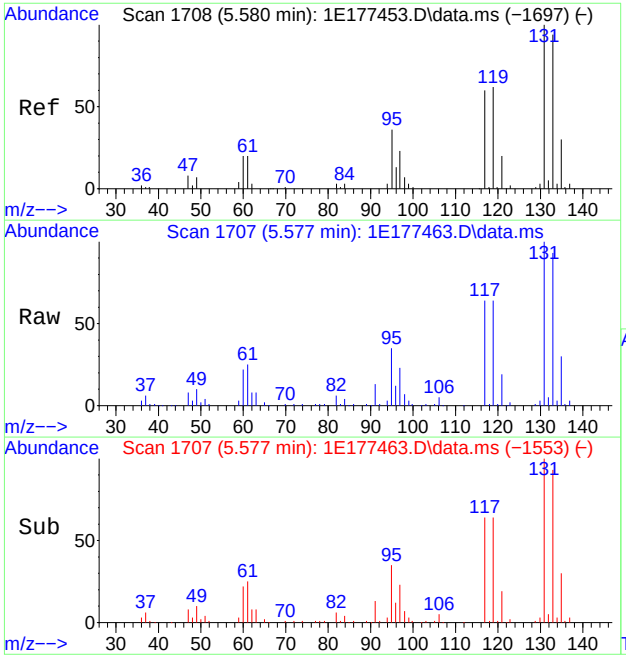


#85
chlorobenzene
Concen: 50.34 ug/L
RT: 5.532 min Scan# 1693
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:112 Resp: 218027

Ion	Ratio	Lower	Upper
112	100		
77	55.7	23.2	83.2
114	31.7	2.3	62.3

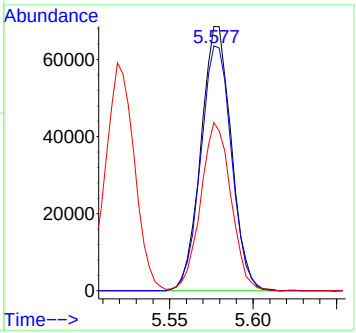


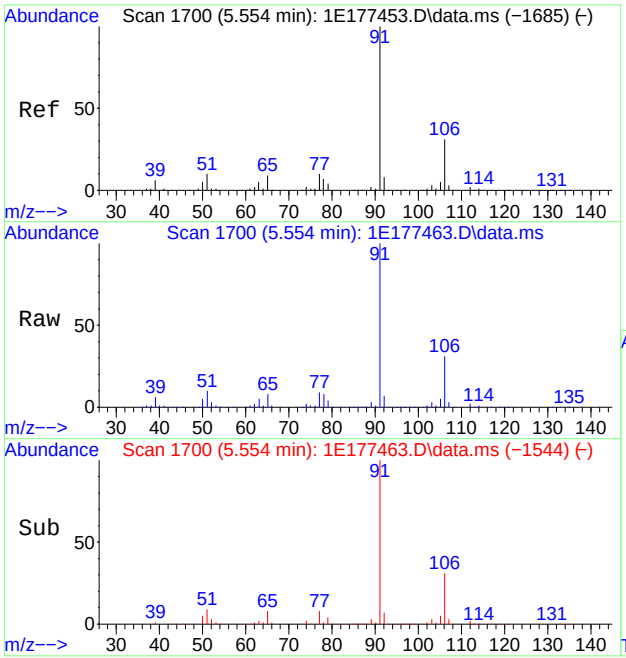


#86
1,1,1,2-tetrachloroethane
Concen: 51.83 ug/L
RT: 5.577 min Scan# 1707
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:131 Resp: 86984

Ion	Ratio	Lower	Upper
131	100		
133	92.6	64.5	124.5
119	63.6	33.5	93.5

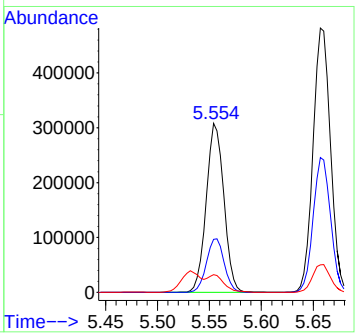


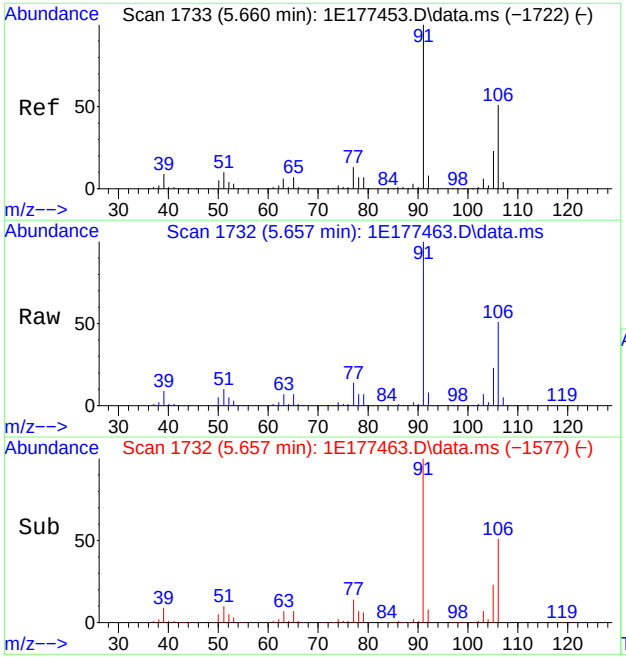


#87
ethylbenzene
Concen: 51.03 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 91 Resp: 364230

Ion	Ratio	Lower	Upper
91	100		
106	31.4	1.0	61.0
51	10.5	0.0	40.1

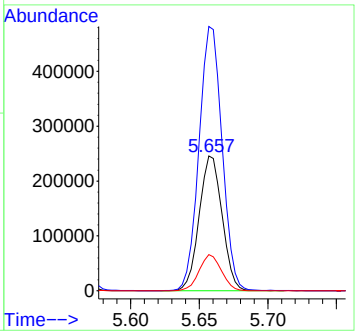


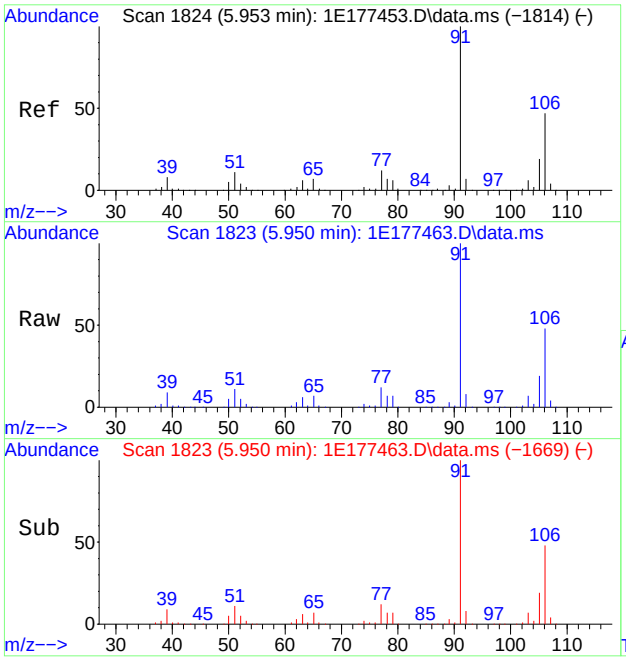


#88
m,p-xylene
Concen: 102.10 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:106 Resp: 285893

Ion	Ratio	Lower	Upper
106	100		
91	196.2	166.4	226.4
77	26.8	5.3	45.3

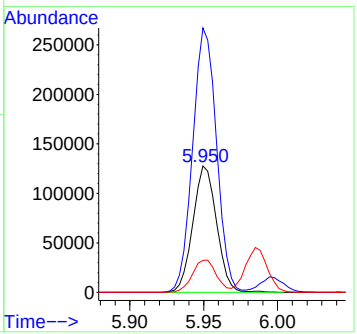


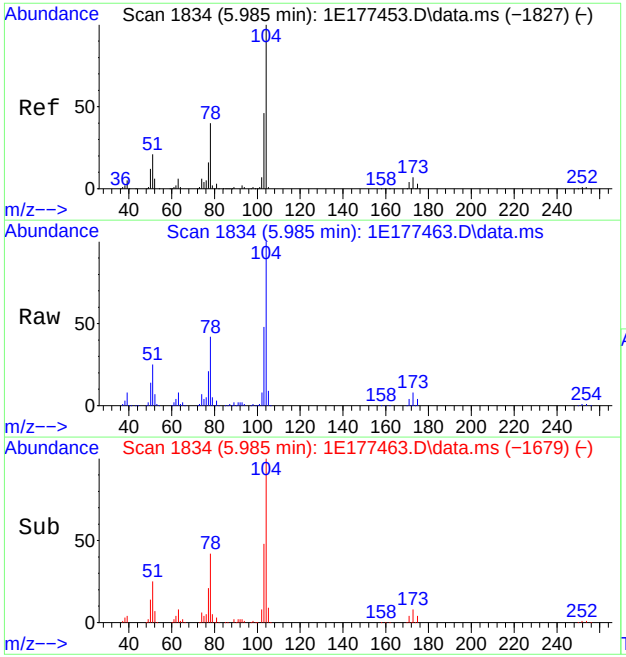


#89
o-xylene
Concen: 51.57 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:106 Resp: 142931

Ion	Ratio	Lower	Upper
106	100		
91	208.9	184.0	244.0
77	25.3	6.6	46.6

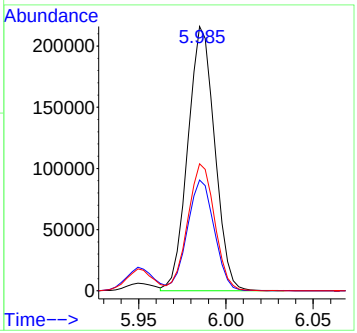


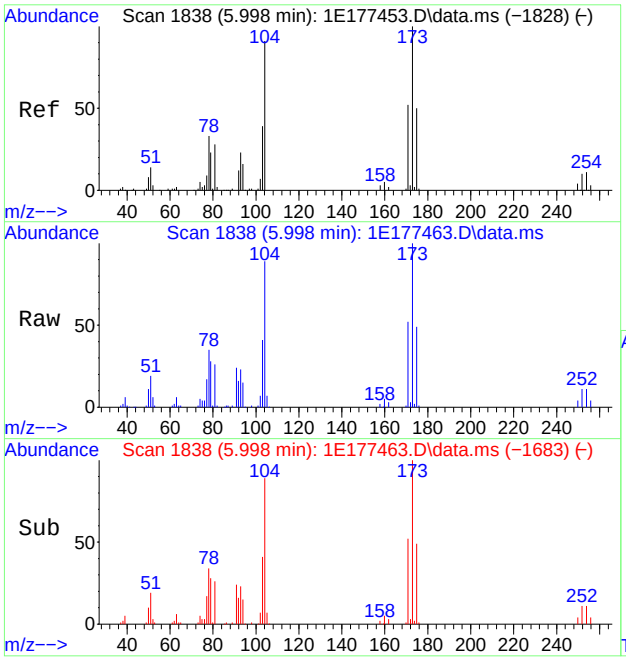


#90
styrene
Concen: 50.04 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:104 Resp: 232091

Ion	Ratio	Lower	Upper
104	100		
78	41.8	12.2	72.2
103	48.0	18.0	78.0

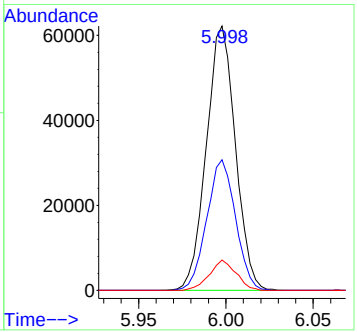


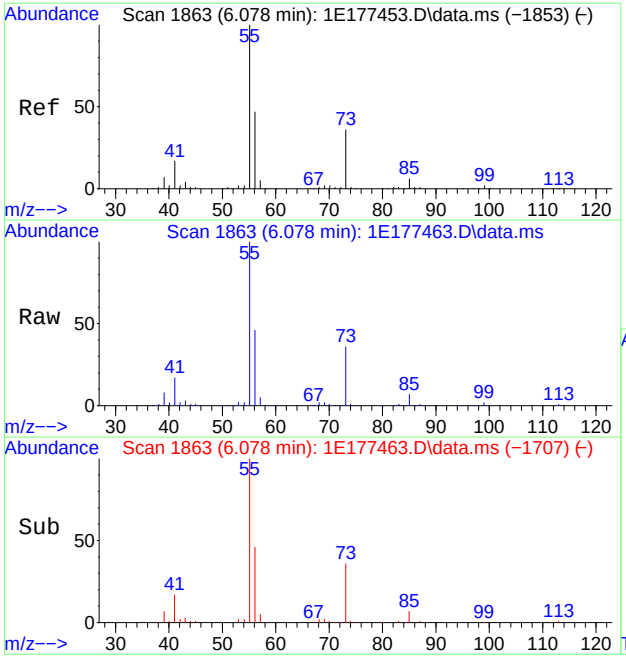


#91
bromoform
Concen: 51.59 ug/L
RT: 5.998 min Scan# 1838
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:173 Resp: 72201

Ion	Ratio	Lower	Upper
173	100		
175	49.4	20.2	80.2
254	11.4	0.0	40.9

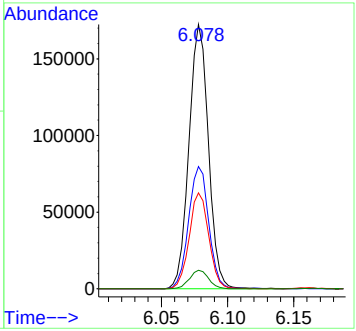


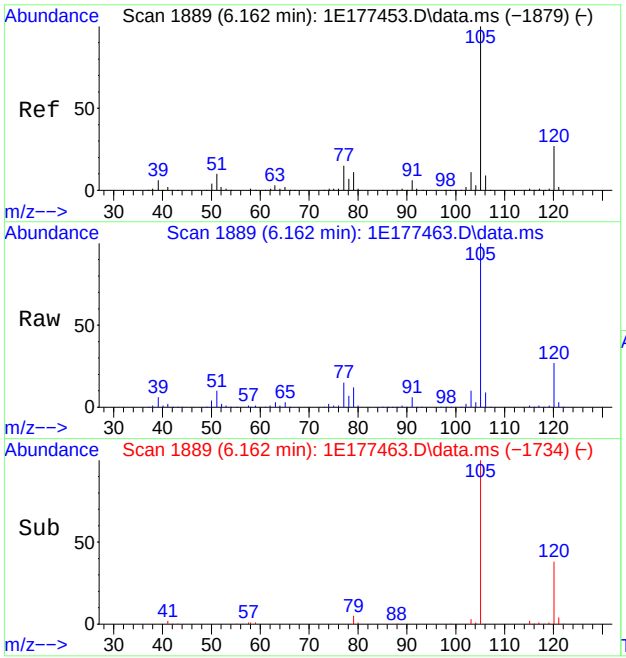


#92
butyl acrylate
Concen: 51.28 ug/L
RT: 6.078 min Scan# 1863
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 55 Resp: 176311

Ion	Ratio	Lower	Upper
55	100		
56	46.2	17.5	77.5
73	36.3	5.8	65.8
85	7.0	0.0	36.4

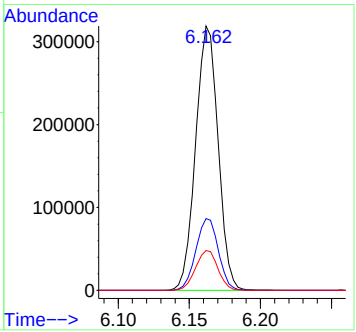


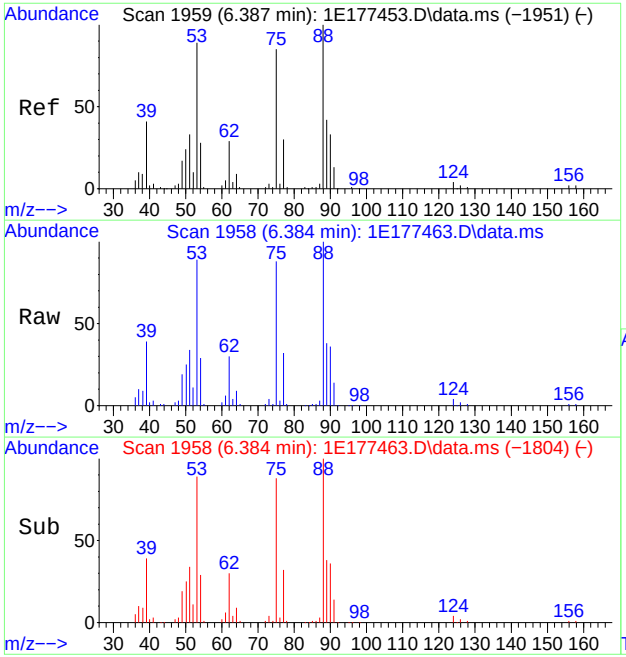


#93
isopropylbenzene
Concen: 52.15 ug/L
RT: 6.162 min Scan# 1889
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:105 Resp: 350570

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.8	46.8
77	15.1	0.0	34.9

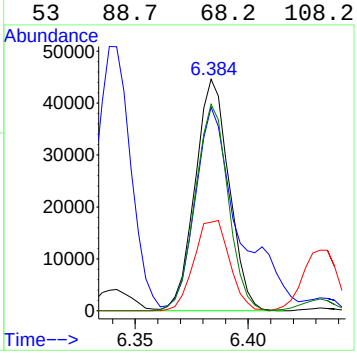


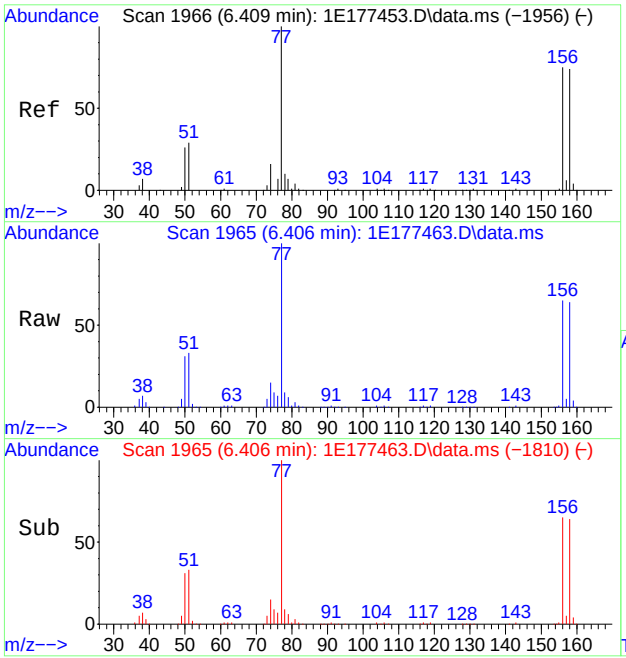


#94
cis-1,4-dichloro-2-butene
Concen: 49.34 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 88 Resp: 46568

Ion	Ratio	Lower	Upper
88	100		
75	86.1	64.1	104.1
89	38.3	22.2	62.2
53	88.7	68.2	108.2

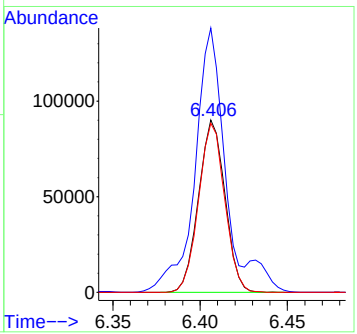


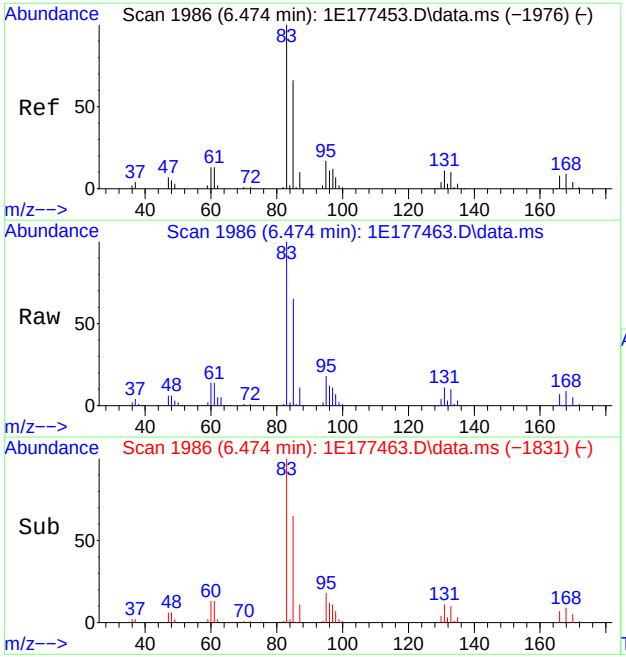


#97
bromobenzene
Concen: 52.17 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:156 Resp: 95039

Ion	Ratio	Lower	Upper
156	100		
77	152.2	106.4	166.4
158	98.1	68.2	128.2

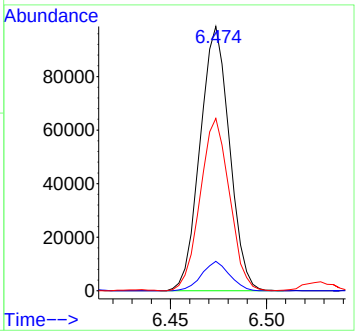


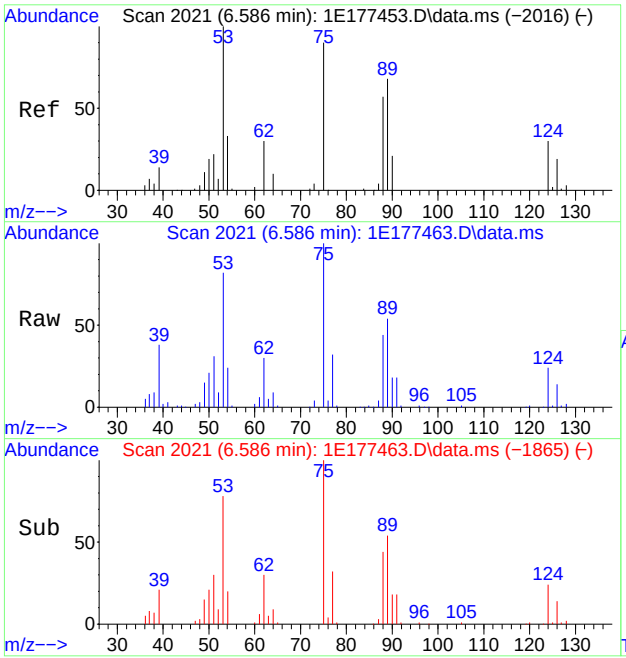


#98
1,1,2,2-tetrachloroethane
Concen: 48.05 ug/L
RT: 6.474 min Scan# 1986
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 83 Resp: 105173

Ion	Ratio	Lower	Upper
83	100		
131	11.2	0.0	41.0
85	65.2	36.4	96.4

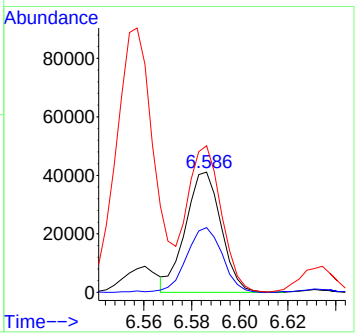


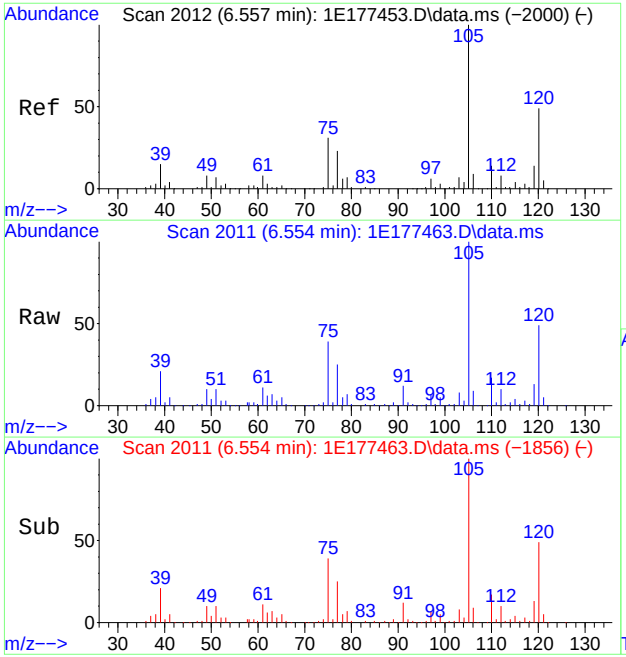


#99
trans-1,4-dichloro-2-butene
Concen: 56.40 ug/L
RT: 6.586 min Scan# 2021
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 53 Resp: 42546

Ion	Ratio	Lower	Upper
53	100		
88	53.0	22.7	82.7
75	119.7	94.8	154.8

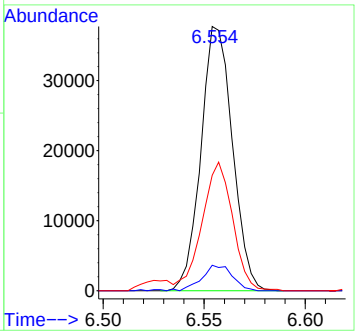


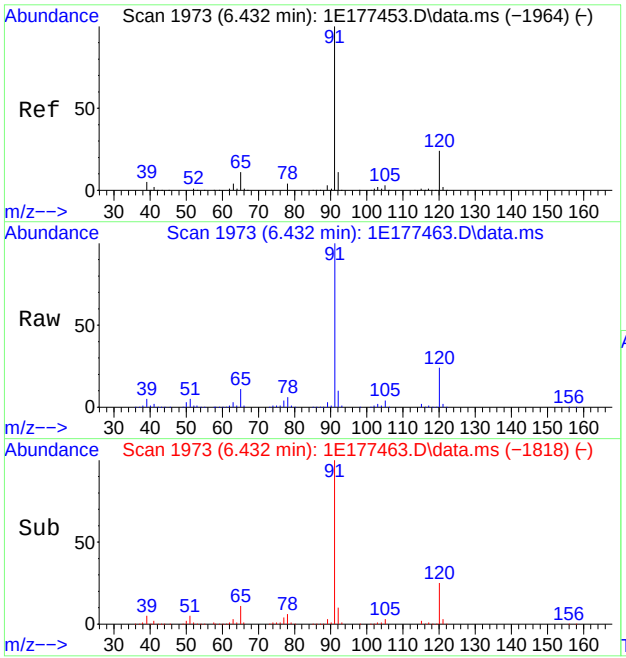


#100
1,2,3-trichloropropane
Concen: 50.82 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:110 Resp: 41022

Ion	Ratio	Lower	Upper
110	100		
111	9.6	0.0	38.2
97	43.7	14.3	74.3

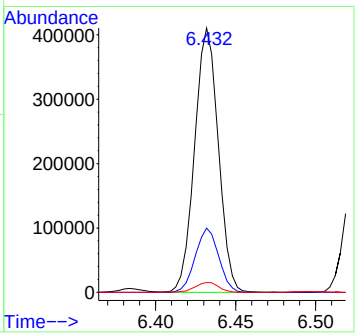


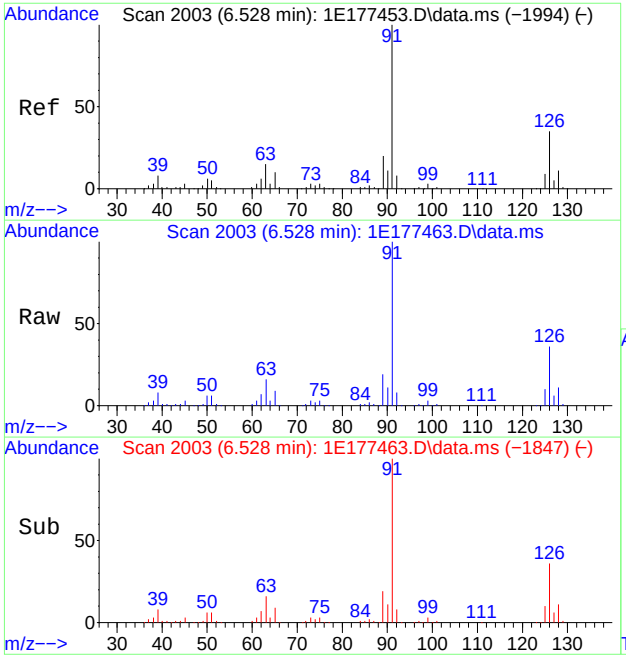


#101
n-propylbenzene
Concen: 52.46 ug/L
RT: 6.432 min Scan# 1973
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 91 Resp: 423657

Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	53.6
105	3.7	0.0	33.5

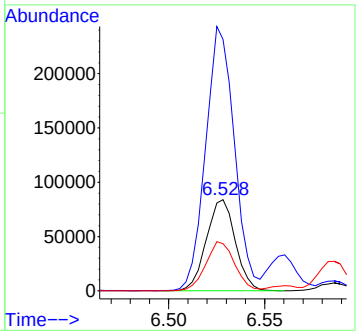


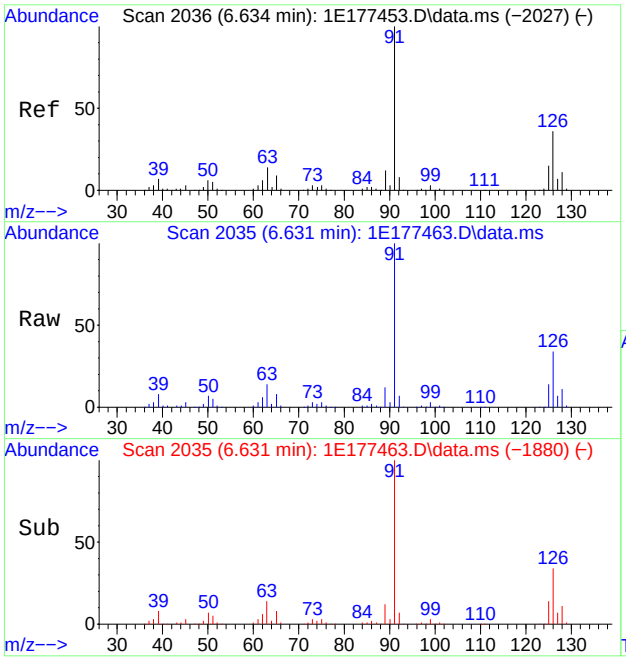


#102
2-chlorotoluene
Concen: 51.66 ug/L
RT: 6.528 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:126 Resp: 88307

Ion	Ratio	Lower	Upper
126	100		
91	275.5	257.7	317.7
89	51.8	26.9	86.9

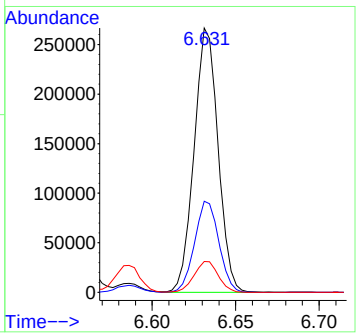


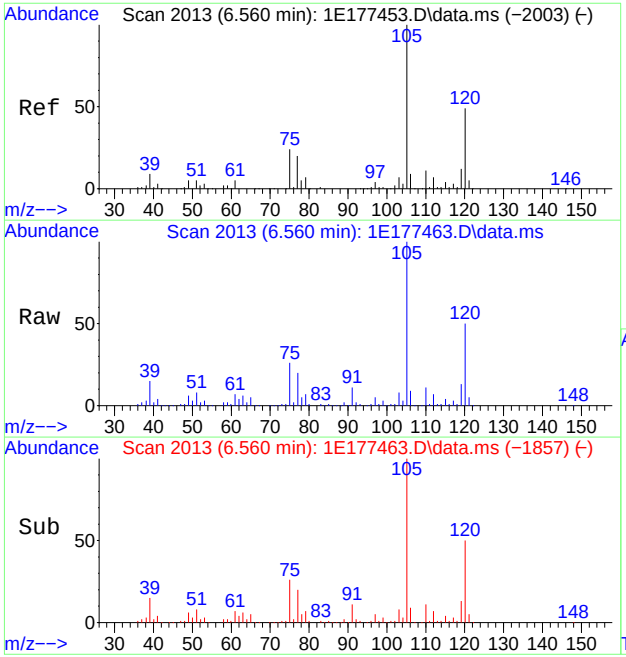


#103
4-chlorotoluene
Concen: 51.50 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion: 91 Resp: 267284

Ion	Ratio	Lower	Upper
91	100		
126	34.4	5.7	65.7
89	11.7	0.0	41.7

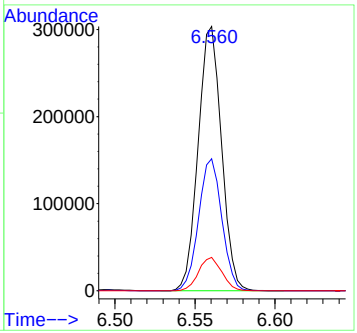


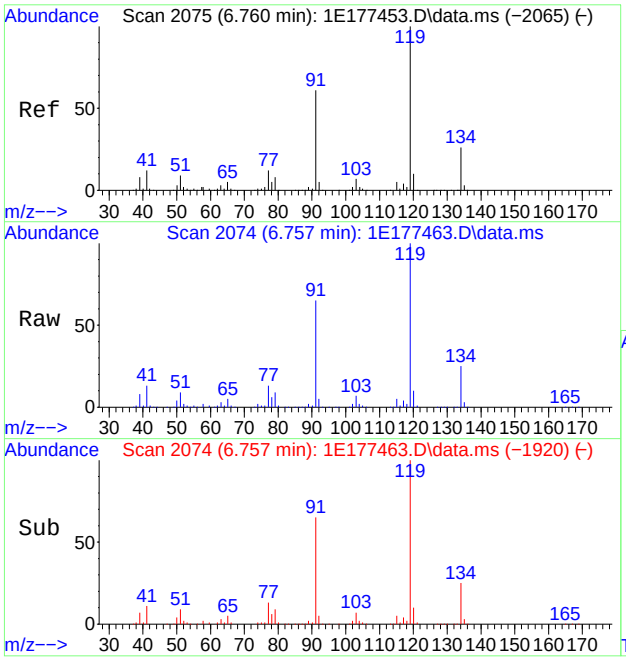


#104
1,3,5-trimethylbenzene
Concen: 52.72 ug/L
RT: 6.560 min Scan# 2013
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:105 Resp: 308621

Ion	Ratio	Lower	Upper
105	100		
120	49.9	18.8	78.8
119	12.7	0.0	42.5

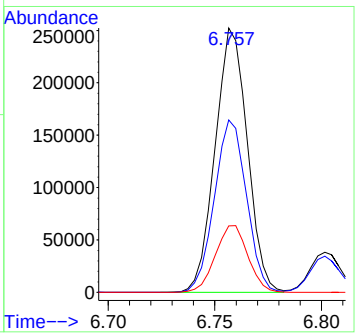


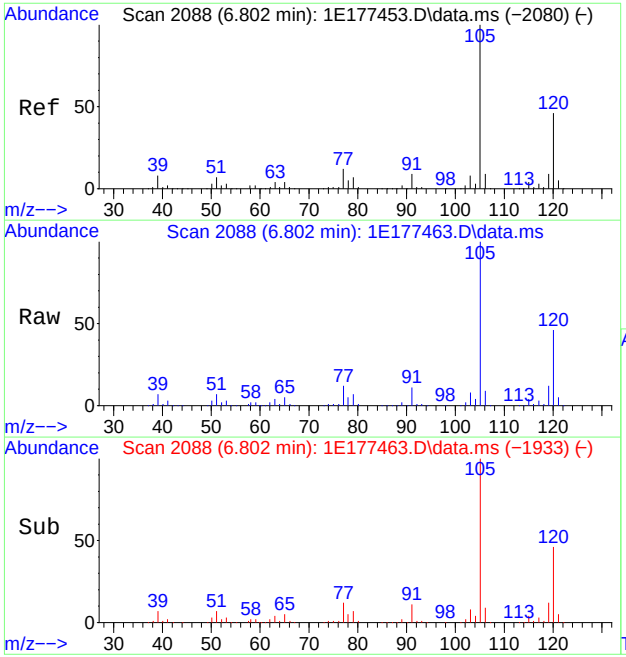


#105
tert-butylbenzene
Concen: 52.66 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:119 Resp: 265518

Ion	Ratio	Lower	Upper
119	100		
91	65.2	30.8	90.8
134	25.1	0.0	55.6

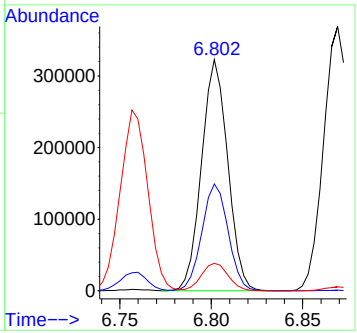


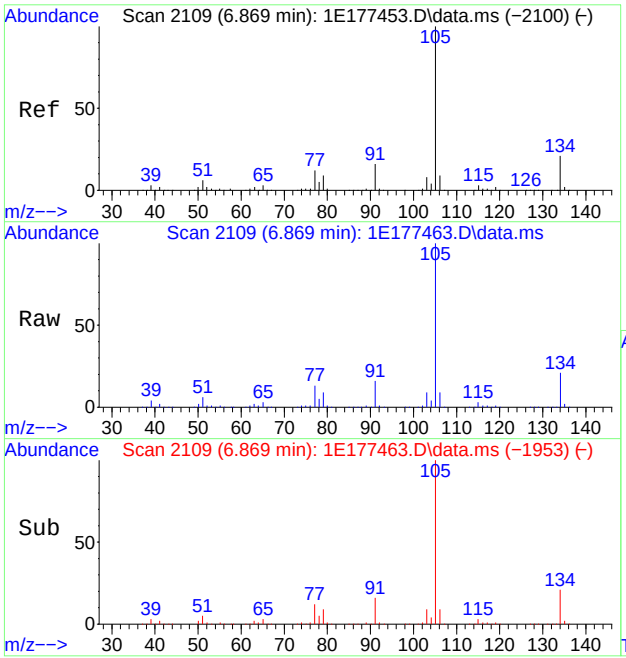


#106
1,2,4-trimethylbenzene
Concen: 53.32 ug/L
RT: 6.802 min Scan# 2088
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:105 Resp: 321552

Ion	Ratio	Lower	Upper
105	100		
120	46.3	16.7	76.7
119	11.9	0.0	42.3

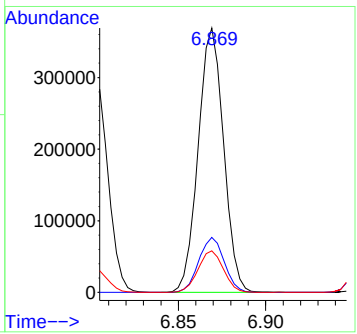


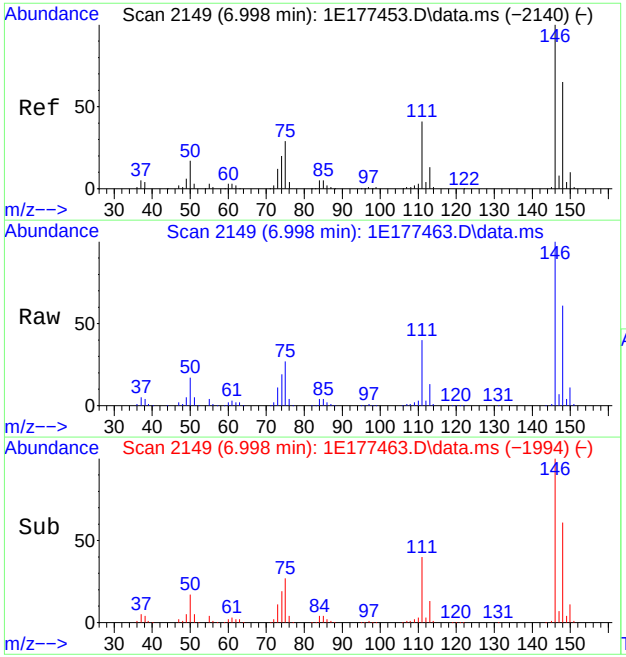


#107
sec-butylbenzene
Concen: 52.77 ug/L
RT: 6.869 min Scan# 2109
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:105 Resp: 374032

Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	51.2
91	15.7	0.0	46.0

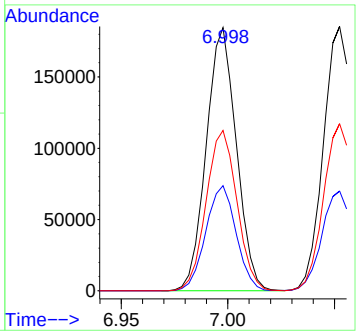


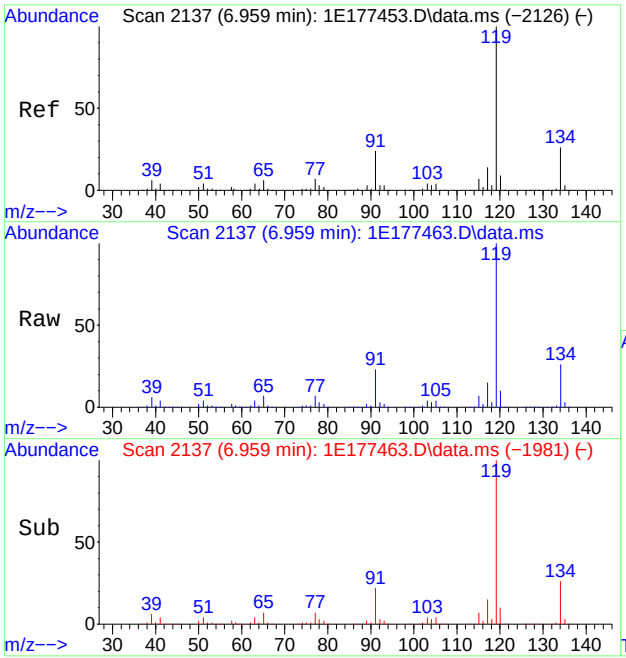


#108
1,3-dichlorobenzene
Concen: 52.10 ug/L
RT: 6.998 min Scan# 2149
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:146 Resp: 181858

Ion	Ratio	Lower	Upper
146	100		
111	40.0	11.3	71.3
148	61.0	34.9	94.9

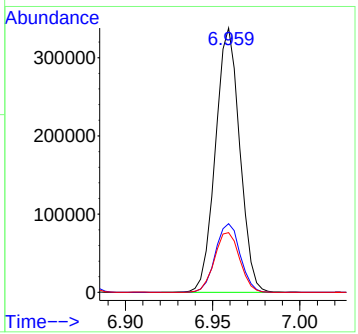


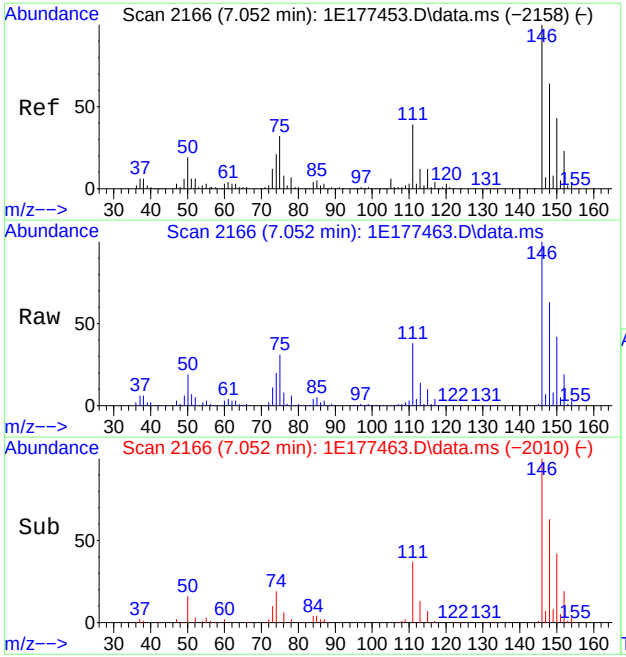


#109
p-isopropyltoluene
Concen: 54.23 ug/L
RT: 6.959 min Scan# 2137
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:119 Resp: 327779

Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	56.2
91	22.6	0.0	53.6

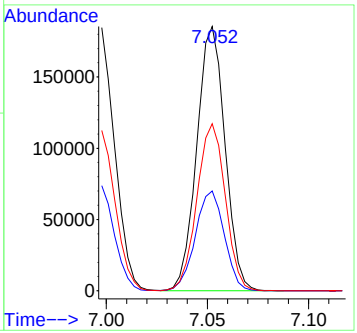


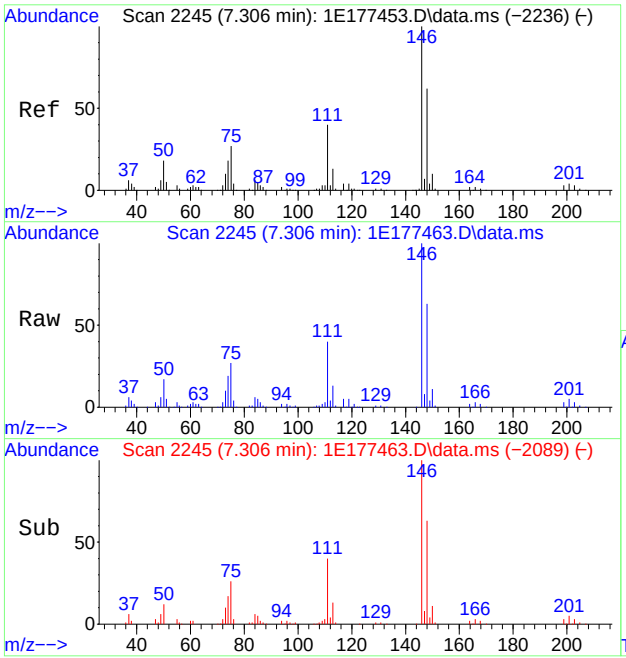


#110
1,4-dichlorobenzene
Concen: 48.50 ug/L
RT: 7.052 min Scan# 2166
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:146 Resp: 180307

Ion	Ratio	Lower	Upper
146	100		
111	37.8	9.4	69.4
148	63.2	34.4	94.4

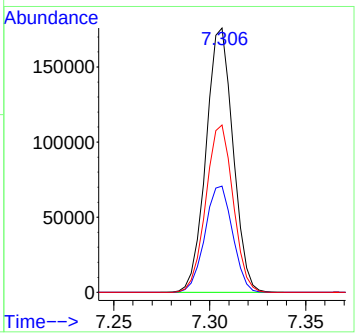


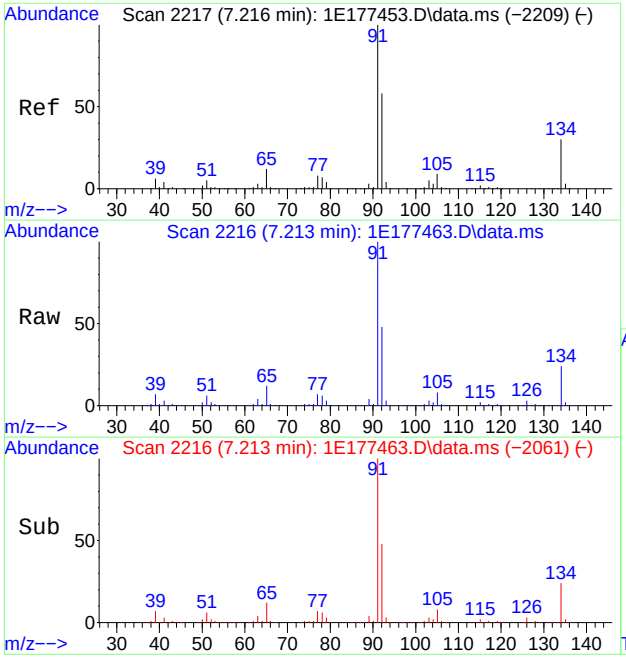


#111
1,2-dichlorobenzene
Concen: 49.56 ug/L
RT: 7.306 min Scan# 2245
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:146 Resp: 172272

Ion	Ratio	Lower	Upper
146	100		
111	40.1	10.1	70.1
148	63.3	31.9	91.9

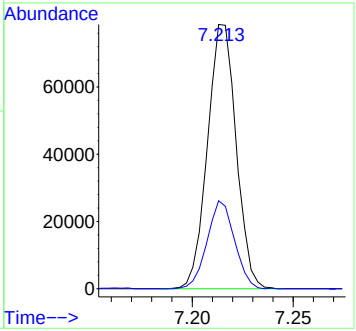


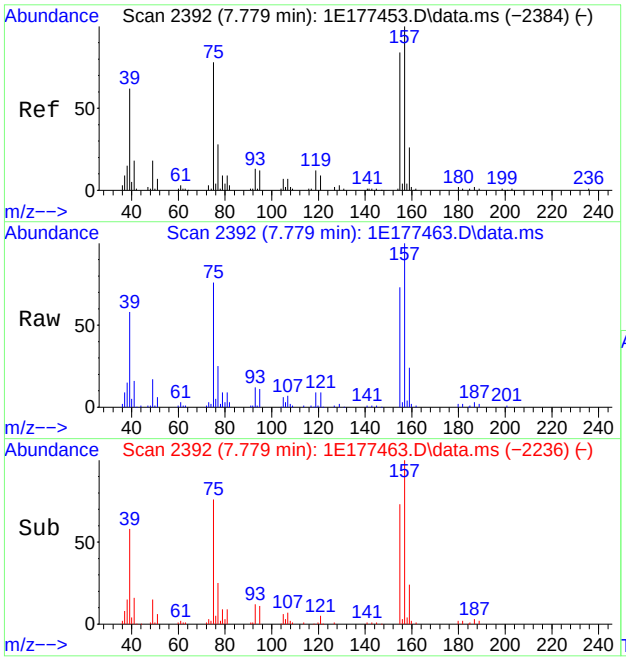


#113
n-butylbenzene
Concen: 53.54 ug/L
RT: 7.213 min Scan# 2216
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:134 Resp: 77554

Ion	Ratio	Lower	Upper
134	100		
105	33.3	0.7	60.7

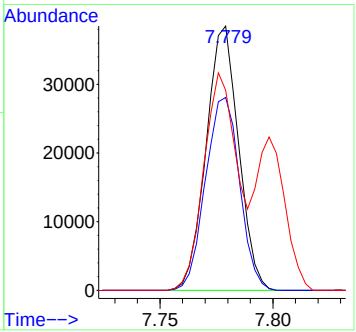


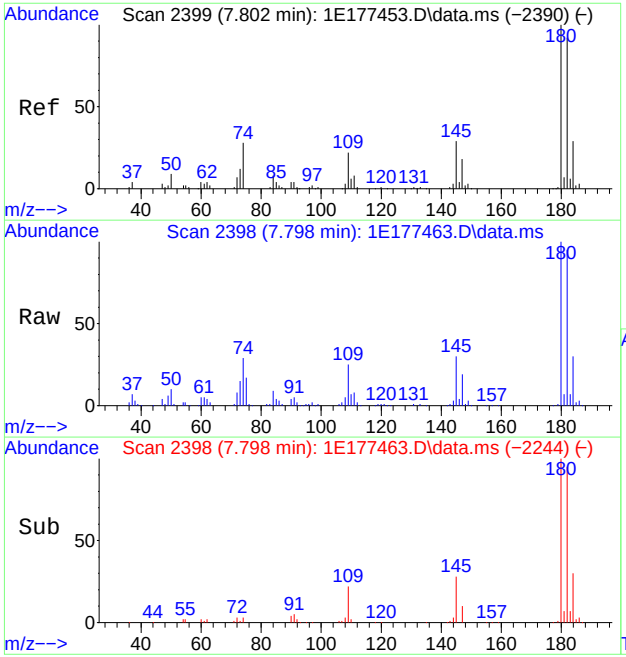


#114
1,2-dibromo-3-chloropropane
Concen: 50.59 ug/L
RT: 7.779 min Scan# 2392
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:157 Resp: 38416

Ion	Ratio	Lower	Upper
157	100		
155	72.9	54.1	114.1
75	75.7	48.2	108.2

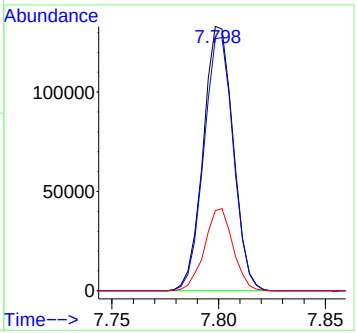


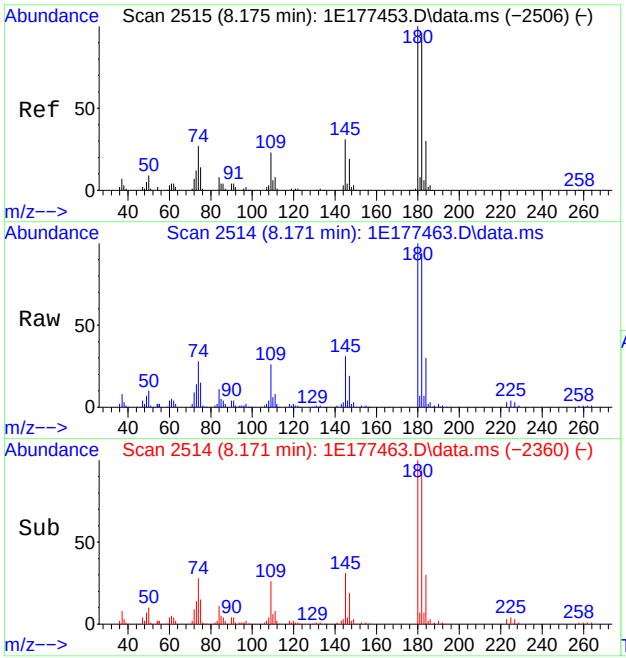


#115
1,3,5-trichlorobenzene
Concen: 54.69 ug/L
RT: 7.798 min Scan# 2398
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:180 Resp: 130049

Ion	Ratio	Lower	Upper
180	100		
182	95.4	71.6	111.6
184	30.3	9.2	49.2

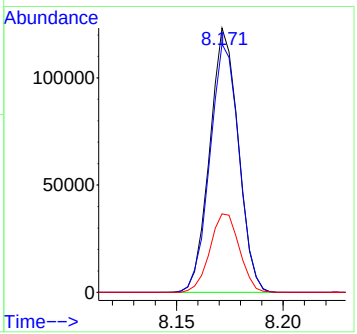


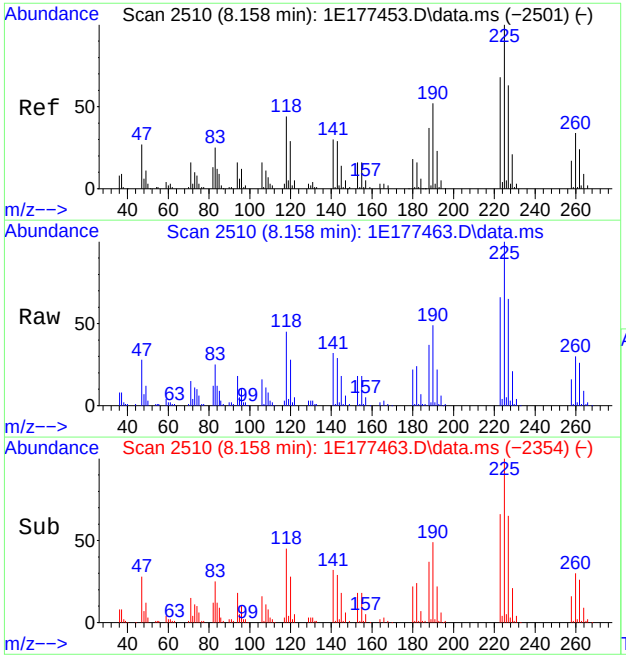


#116
1,2,4-trichlorobenzene
Concen: 51.17 ug/L
RT: 8.171 min Scan# 2514
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:180 Resp: 114727

Ion	Ratio	Lower	Upper
180	100		
182	93.9	65.8	125.8
184	29.7	0.0	59.9

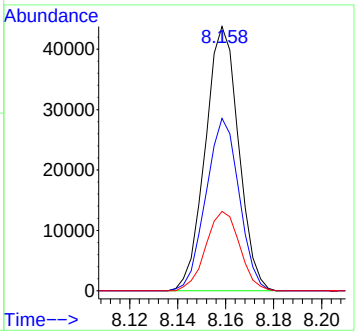


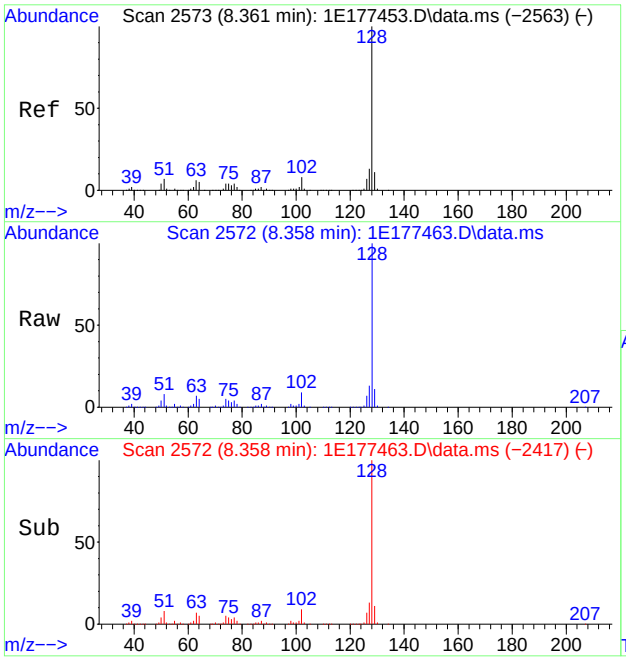


#117
hexachlorobutadiene
Concen: 52.33 ug/L
RT: 8.158 min Scan# 2510
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:225 Resp: 42091

Ion	Ratio	Lower	Upper
225	100		
227	65.1	32.9	92.9
260	30.1	3.9	63.9

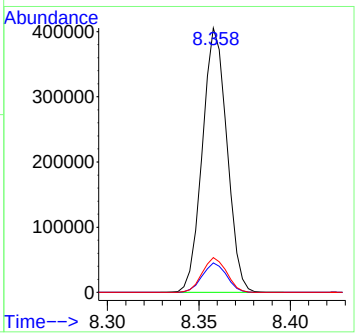


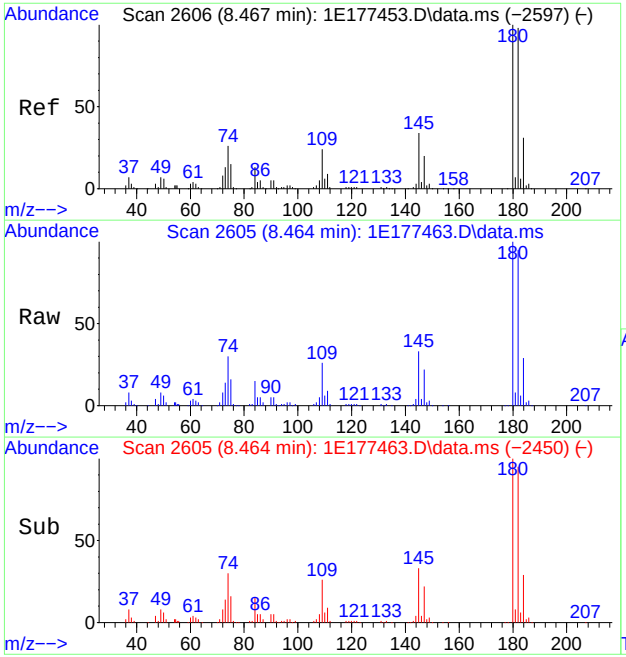


#118
naphthalene
Concen: 51.26 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:128 Resp: 378083

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	40.8
127	13.1	0.0	42.7

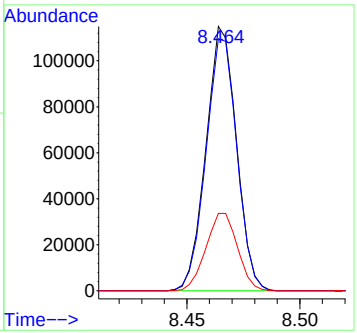


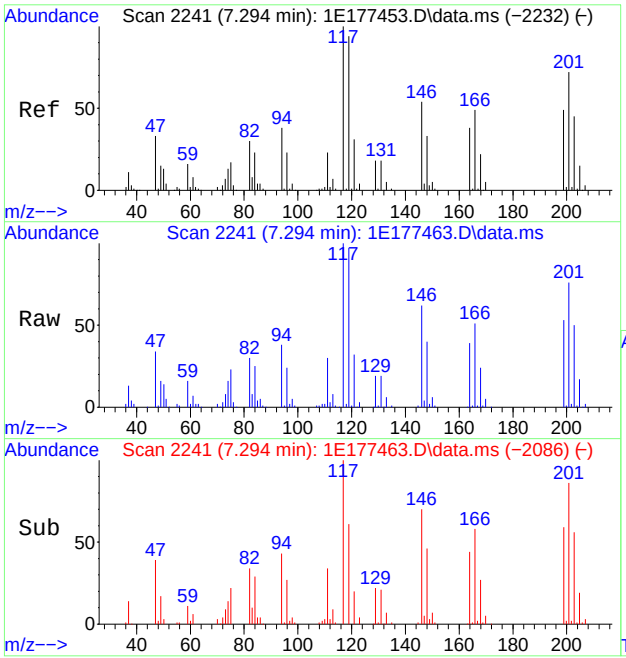


#119
1,2,3-trichlorobenzene
Concen: 50.68 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:180 Resp: 107771

Ion	Ratio	Lower	Upper
180	100		
182	95.3	67.6	127.6
184	29.2	1.0	61.0

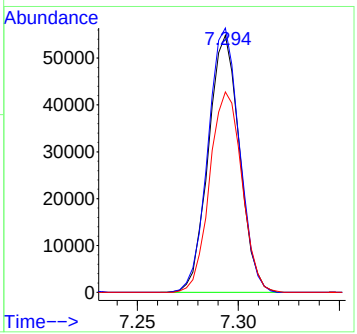


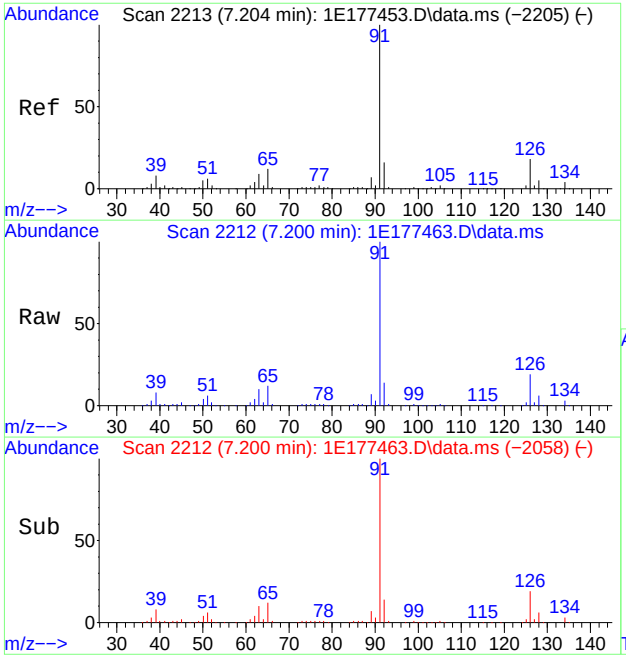


#120
hexachloroethane
Concen: 53.26 ug/L
RT: 7.294 min Scan# 2241
Delta R.T. -0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:119 Resp: 58675

Ion	Ratio	Lower	Upper
119	100		
117	102.9	75.9	135.9
201	77.9	46.7	106.7

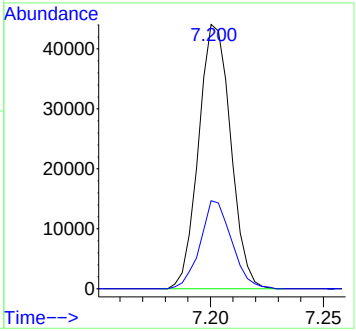


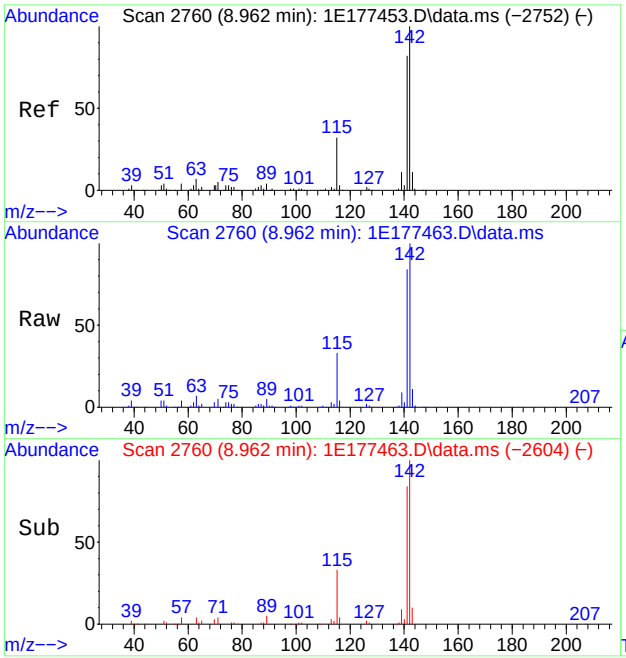


#121
benzyl chloride
Concen: 47.08 ug/L
RT: 7.200 min Scan# 2212
Delta R.T. -0.004 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:126 Resp: 43486

Ion	Ratio	Lower	Upper
126	100		
128	33.3	0.9	60.9

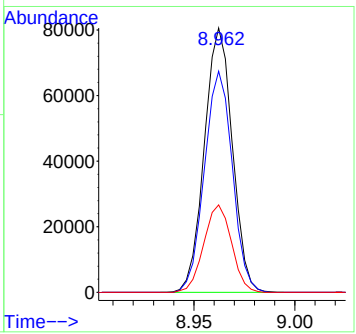




#122
2-methylnaphthalene
Concen: 24.16 ug/L
RT: 8.962 min Scan# 2760
Delta R.T. 0.000 min
Lab File: 1E177463.D
Acq: 26 Oct 2023 09:48 pm

Tgt Ion:142 Resp: 77664

Ion	Ratio	Lower	Upper
142	100		
141	83.7	52.4	112.4
115	33.1	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177465.D
Acq On : 26 Oct 2023 10:15 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 30 10:26:17 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

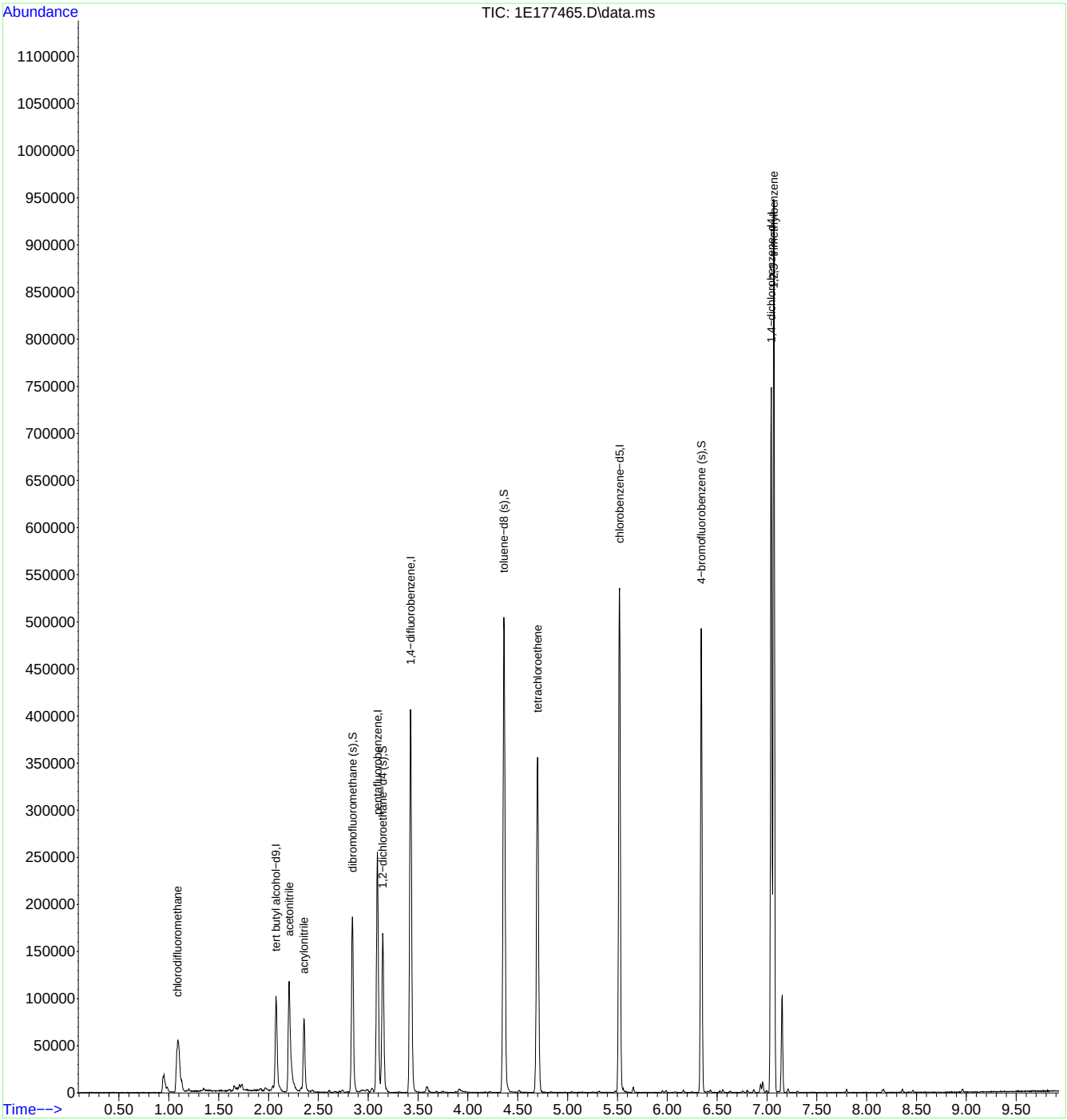
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.075	65	74234	500.00	ug/L	0.00
5) pentafluorobenzene	3.095	168	127156	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.426	114	243018	50.00	ug/L	0.00
72) chlorobenzene-d5	5.522	117	213971	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.043	152	118094	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.844	113	75057	44.20	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 88.40%			
51) 1,2-dichloroethane-d4 (s)	3.146	65	81437	48.80	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 97.60%			
73) toluene-d8 (s)	4.361	98	271580	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			
96) 4-bromofluorobenzene (s)	6.342	95	102919	48.70	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.40%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.088	51	86259	48.49	ug/L	94
19) acetonitrile	2.207	41	108706	509.89	ug/L	98
32) acrylonitrile	2.355	52	32766	48.67	ug/L	90
78) tetrachloroethene	4.699	166	88650	52.89	ug/L	99
112) 1,2,3-trimethylbenzene	7.069	105	341198	55.43	ug/L	99

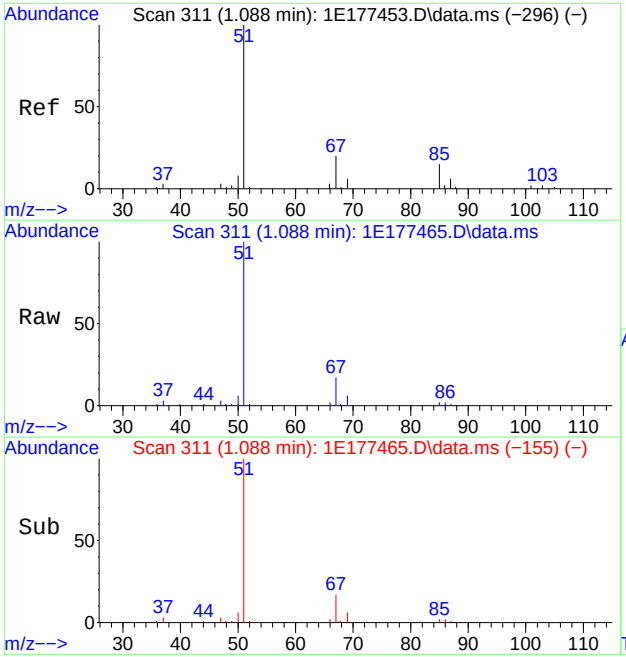
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VE8736\
Data File : 1E177465.D
Acq On : 26 Oct 2023 10:15 pm
Operator : louied
Sample : icv8736-50
Misc : MS73856,V1E8736,5,,,,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 30 10:26:17 2023
Quant Method : D:\MassHunter\GCMS\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

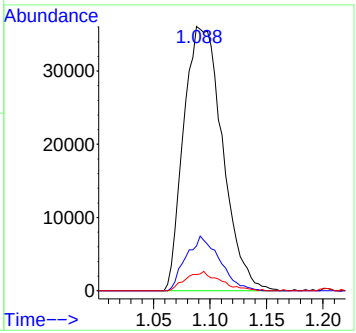


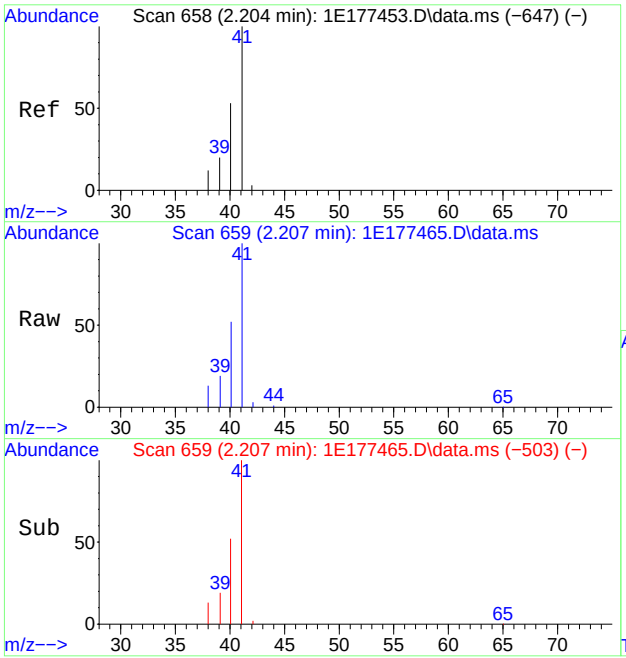


#6
chlorodifluoromethane
Concen: 48.49 ug/L
RT: 1.088 min Scan# 311
Delta R.T. 0.000 min
Lab File: 1E177465.D
Acq: 26 Oct 2023 10:15 pm

Tgt Ion: 51 Resp: 86259

Ion	Ratio	Lower	Upper
51	100		
67	17.0	0.0	49.5
50	6.2	0.0	38.4

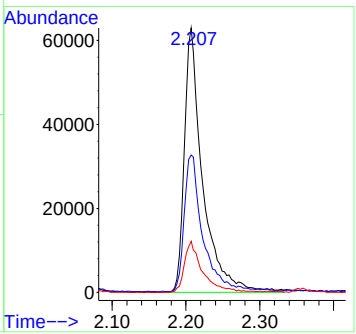


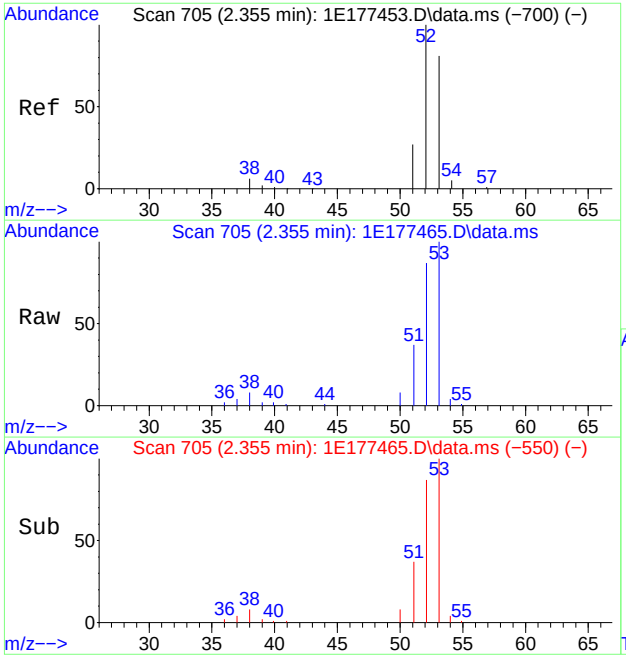


#19
acetonitrile
Concen: 509.89 ug/L
RT: 2.207 min Scan# 659
Delta R.T. 0.003 min
Lab File: 1E177465.D
Acq: 26 Oct 2023 10:15 pm

Tgt Ion: 41 Resp: 108706

Ion	Ratio	Lower	Upper
41	100		
40	51.6	22.9	82.9
39	19.3	0.0	49.7

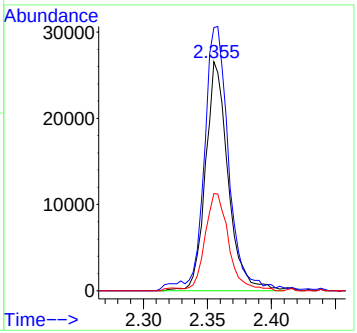


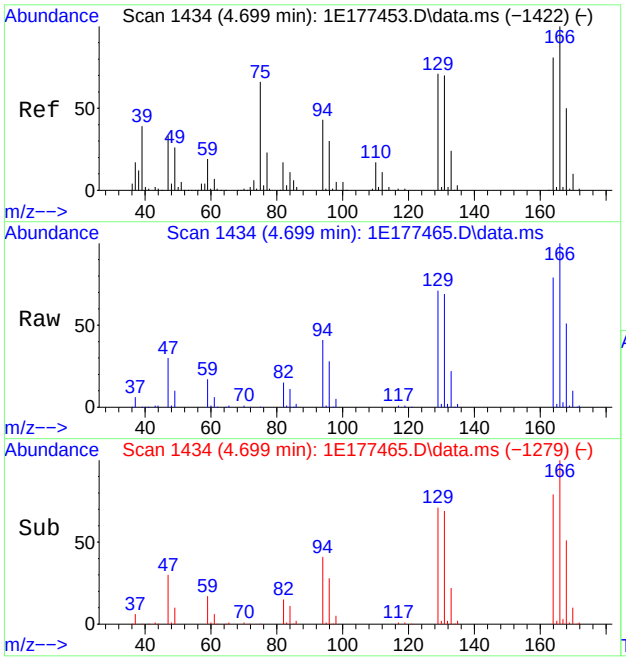


#32
acrylonitrile
Concen: 48.67 ug/L
RT: 2.355 min Scan# 705
Delta R.T. -0.000 min
Lab File: 1E177465.D
Acq: 26 Oct 2023 10:15 pm

Tgt Ion: 52 Resp: 32766

Ion	Ratio	Lower	Upper
52	100		
53	114.1	98.3	158.3
51	42.4	13.3	73.3

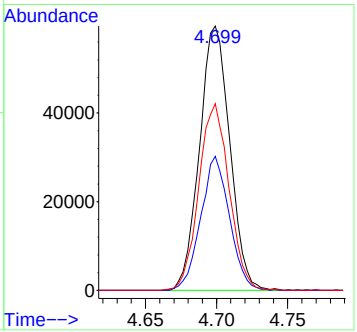


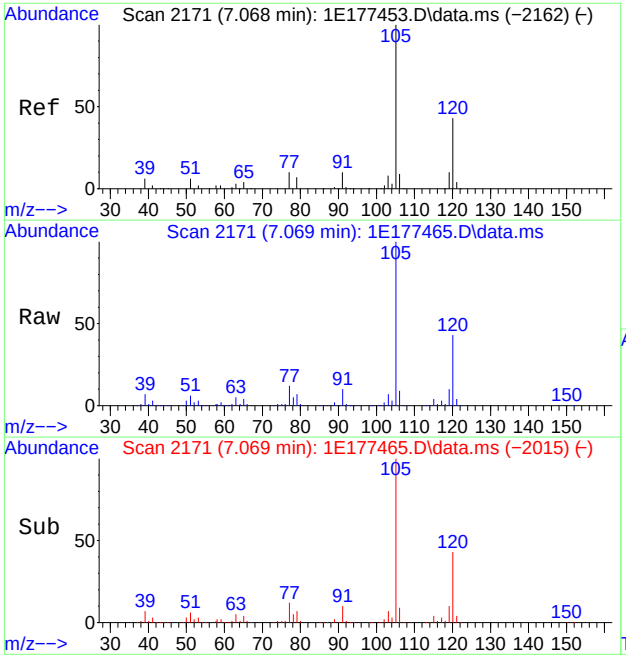


#78
tetrachloroethene
Concen: 52.89 ug/L
RT: 4.699 min Scan# 1434
Delta R.T. -0.000 min
Lab File: 1E177465.D
Acq: 26 Oct 2023 10:15 pm

Tgt Ion:166 Resp: 88650

Ion	Ratio	Lower	Upper
166	100		
168	50.7	20.1	80.1
129	70.6	41.0	101.0

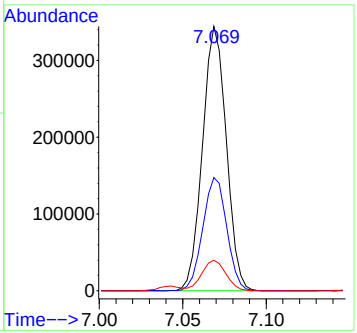




#112
1,2,3-trimethylbenzene
Concen: 55.43 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.001 min
Lab File: 1E177465.D
Acq: 26 Oct 2023 10:15 pm

Tgt Ion:105 Resp: 341198

Ion	Ratio	Lower	Upper
105	100		
120	42.8	13.3	73.3
77	11.6	0.0	41.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179178.D
Acq On : 21 Dec 2023 09:01 am
Operator : NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 17:18:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.075	65	123873	500.00	ug/L	0.00
5) pentafluorobenzene	3.088	168	112209	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.423	114	218512	50.00	ug/L	0.00
72) chlorobenzene-d5	5.519	117	196098	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	7.040	152	102241	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.837	113	65010	43.38	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 86.76%			
51) 1,2-dichloroethane-d4 (s)	3.146	65	83230	55.47	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 110.94%			
73) toluene-d8 (s)	4.358	98	249086	50.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.60%			
96) 4-bromofluorobenzene (s)	6.339	95	98970	54.09	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 108.18%			
Target Compounds						Qvalue
2) ethanol	1.654	45	87833	6149.0074	ug/L	91
3) tertiary butyl alcohol	2.111	59	47372	123.5840	ug/L	86
4) 1,4-dioxane	3.911	88	13384	792.9293	ug/L #	60
6) chlorodifluoromethane	1.091	51	47278	30.1198	ug/L	82
7) dichlorodifluoromethane	1.050	85	29371	15.1515	ug/L	95
8) chloromethane	1.175	50	33465	29.5299	ug/L	95
9) vinyl chloride	1.191	62	34761	25.2563	ug/L	97
10) 1,3-butadiene	1.201	39	44470	37.6081	ug/L	98
11) bromomethane	1.349	96	6550	19.1614	ug/L #	90
12) chloroethane	1.407	64	18892	21.7622	ug/L	92
13) trichlorofluoromethane	1.474	101	38794	17.3498	ug/L	98
14) ethyl ether	1.606	74	14425	19.6512	ug/L #	64
15) acrolein	1.850	56	7829	25.7981	ug/L	84
16) freon 113	1.715	151	16438	16.6688	ug/L	95
17) 1,1-dichloroethene	1.706	61	39921	22.8027	ug/L	91
18) acetone	1.982	58	37741	111.0832	ug/L	98
19) acetonitrile	2.204	41	93276	495.7960	ug/L	98
21) carbon disulfide	1.731	76	60341	19.0121	ug/L	99
22) methylene chloride	1.966	84	23965	18.3919	ug/L #	62
23) methyl acetate	2.034	74	6932	20.4511	ug/L #	18
24) methyl tert butyl ether	2.085	73	80512	19.5133	ug/L	81
25) trans-1,2-dichloroethene	2.040	61	42145	24.4744	ug/L	80
26) hexane	2.075	57	73460	25.3698	ug/L	96
27) di-isopropyl ether	2.259	45	135758	32.5986	ug/L	86
28) ethyl tert-butyl ether	2.439	59	113709	25.4385	ug/L	88
29) 2-butanone	2.898	72	32368	86.8669	ug/L #	28
30) 1,1-dichloroethane	2.336	63	58415	24.2938	ug/L	96
31) chloroprene	2.323	53	58381	27.8854	ug/L	81
32) acrylonitrile	2.355	52	24192	40.7252	ug/L	90
33) vinyl acetate	2.442	86	2341	8.1535	ug/L #	1
34) ethyl acetate	2.789	70	5108	23.2290	ug/L #	50
35) 2,2-dichloropropane	2.664	77	28560	14.1435	ug/L	98
36) cis-1,2-dichloroethene	2.606	96	29924	19.9245	ug/L	83
37) propionitrile	3.072	54	121869	382.9107	ug/L	95
38) methyl acrylate	2.805	85	7192	20.9164	ug/L #	40
39) bromochloromethane	2.712	128	14324	18.6020	ug/L #	65
40) tetrahydrofuran	2.834	71	6748	23.4921	ug/L #	56
41) chloroform	2.738	47	16778	22.7441	ug/L	90
43) methacrylonitrile	3.085	67	19320	22.9301	ug/L #	47
44) 1,1,1-trichloroethane	2.866	97	42660	18.1886	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179178.D
Acq On : 21 Dec 2023 09:01 am
Operator : NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 17:18:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	2.725	84	43430	21.4374	ug/L	#	61
46) 1,1-dichloropropene	2.931	75	38118	20.5795	ug/L		97
47) carbon tetrachloride	2.828	117	37619	17.1367	ug/L		99
48) isobutyl alcohol	3.152	43	37529	431.9801	ug/L		96
49) tert-amyl alcohol	3.220	55	24418	252.0134	ug/L	#	46
52) iso-octane	2.988	57	99769	24.3956	ug/L		94
53) benzene	3.069	78	110651	22.2221	ug/L		83
54) tert-amyl methyl ether	3.124	73	83540	20.2941	ug/L		81
55) heptane	3.037	57	19055	24.9057	ug/L	#	75
56) isopropyl acetate	3.307	87	9114	20.2909	ug/L	#	1
57) 1,2-dichloroethane	3.181	62	47287	23.2583	ug/L		98
58) n-butyl alcohol	3.583	56	125456	2510.2381	ug/L		96
59) ethyl acrylate	3.738	55	70255	29.8106	ug/L		93
60) trichloroethene	3.413	130	32543	21.2939	ug/L		98
61) 2-nitropropane	4.564	41	17019	22.5735	ug/L		78
62) 2-chloroethyl vinyl ether	4.169	63	113928	135.0447	ug/L		94
63) methyl methacrylate	3.876	100	10454	20.0637	ug/L	#	65
64) 1,2-dichloropropane	3.744	63	34488	26.3331	ug/L		91
65) methylcyclohexane	3.419	98	21745	20.0654	ug/L	#	74
66) dibromomethane	3.680	93	19384	20.0033	ug/L		93
67) bromodichloromethane	3.779	83	39230	20.4186	ug/L		99
68) epichlorohydrin	4.397	57	37930	162.5015	ug/L		98
69) cis-1,3-dichloropropene	4.217	75	44770	19.8564	ug/L		92
70) 4-methyl-2-pentanone	4.673	58	99504	127.7609	ug/L		88
71) 3-methyl-1-butanol	4.509	70	34158	595.6357	ug/L	#	57
74) toluene	4.397	92	68914	21.2264	ug/L		99
75) ethyl methacrylate	4.834	69	39655	20.6602	ug/L	#	83
76) trans-1,3-dichloropropene	4.709	75	41592	19.5658	ug/L		96
77) 1,1,2-trichloroethane	4.831	83	23917	21.2427	ug/L		95
78) tetrachloroethene	4.696	166	28467	18.5330	ug/L		95
79) 2-hexanone	5.313	58	113703	121.4883	ug/L		88
80) 1,3-dichloropropane	5.040	76	48834	22.3082	ug/L		99
81) butyl acetate	5.249	56	32526	28.9964	ug/L		93
82) dibromochloromethane	4.972	129	29792	17.7602	ug/L		96
83) 1,2-dibromoethane	5.149	107	29562	20.2256	ug/L		99
84) n-butyl ether	5.474	57	157671	29.4824	ug/L		93
85) chlorobenzene	5.529	112	76258	20.1050	ug/L		93
86) 1,1,1,2-tetrachloroethane	5.577	131	27732	18.8677	ug/L		97
87) ethylbenzene	5.554	91	130271	20.8403	ug/L		96
88) m,p-xylene	5.657	106	101807	41.5147	ug/L		95
89) o-xylene	5.950	106	48448	19.9573	ug/L		99
90) styrene	5.985	104	81772	20.1312	ug/L		100
91) bromoform	5.995	173	20946	17.0887	ug/L		98
92) butyl acrylate	6.075	55	81741	27.1453	ug/L		92
93) isopropylbenzene	6.159	105	115258	19.5780	ug/L		99
94) cis-1,4-dichloro-2-butene	6.384	88	7587	9.1788	ug/L	#	76
97) bromobenzene	6.406	156	31937	20.4691	ug/L		91
98) 1,1,2,2-tetrachloroethane	6.471	83	37973	20.2535	ug/L		97
99) trans-1,4-dichloro-2-b...	6.583	53	10091	15.6167	ug/L		76
100) 1,2,3-trichloropropane	6.554	110	14568	21.0694	ug/L		97
101) n-propylbenzene	6.429	91	146933	21.2413	ug/L		97
102) 2-chlorotoluene	6.525	126	29105	19.8803	ug/L		94
103) 4-chlorotoluene	6.631	91	94220	21.1939	ug/L		100
104) 1,3,5-trimethylbenzene	6.558	105	104585	20.8570	ug/L		98
105) tert-butylbenzene	6.757	119	86310	19.9850	ug/L		95
106) 1,2,4-trimethylbenzene	6.799	105	108258	20.9569	ug/L		97
107) sec-butylbenzene	6.866	105	124121	20.4463	ug/L		98
108) 1,3-dichlorobenzene	6.995	146	61236	20.4818	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179178.D
Acq On : 21 Dec 2023 09:01 am
Operator : NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 17:18:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

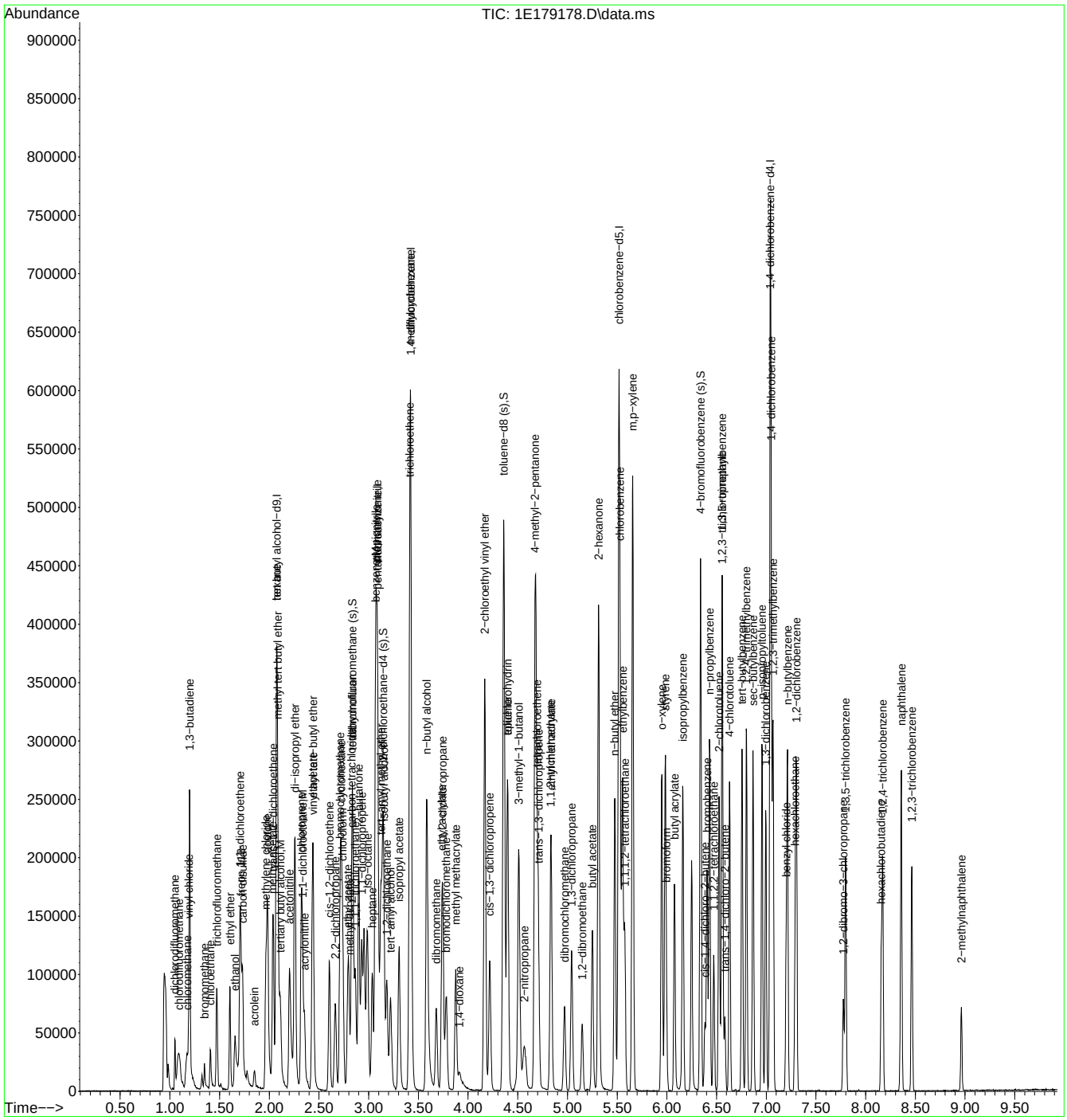
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) p-isopropyltoluene	6.956	119	106303	20.5323	ug/L	99
110) 1,4-dichlorobenzene	7.049	146	60493	18.9954	ug/L	97
111) 1,2-dichlorobenzene	7.303	146	57794	19.4127	ug/L	94
112) 1,2,3-trimethylbenzene	7.069	105	112584	21.1261	ug/L	99
113) n-butylbenzene	7.213	134	23638	19.0528	ug/L	91
114) 1,2-dibromo-3-chloropr...	7.776	157	12468	19.1708	ug/L	92
115) 1,3,5-trichlorobenzene	7.799	180	36490	17.9159	ug/L	91
116) 1,2,4-trichlorobenzene	8.172	180	34152	17.7853	ug/L	97
117) hexachlorobutadiene	8.156	225	12164	17.6562	ug/L	92
118) naphthalene	8.358	128	117218	18.5532	ug/L	99
119) 1,2,3-trichlorobenzene	8.464	180	34157	18.7517	ug/L	98
120) hexachloroethane	7.291	119	17500	18.5474	ug/L	98
121) benzyl chloride	7.201	126	9465	11.9636	ug/L	94
122) 2-methylnaphthalene	8.963	142	20342	7.3886	ug/L	98

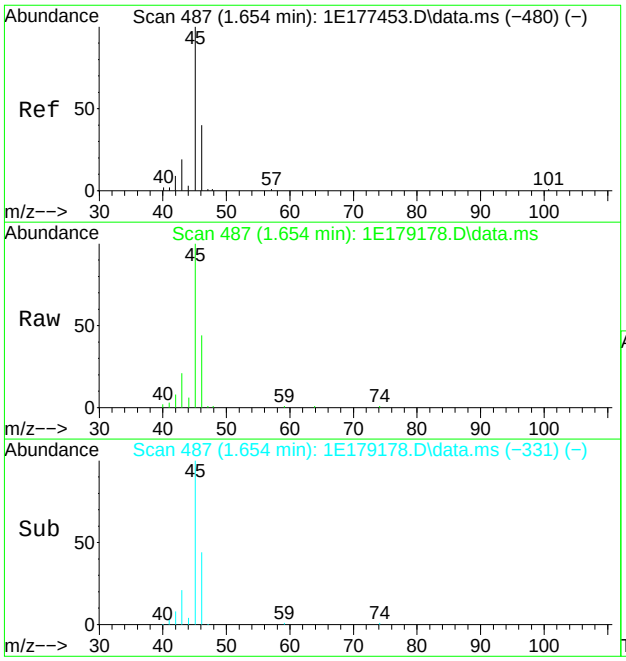
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\rosanlie\Dec 2023\12-21-23\V1E8774\
Data File : 1E179178.D
Acq On : 21 Dec 2023 09:01 am
Operator : NICKW
Sample : cc8736-20 Inst : GCMS-E
Misc : MS76300,V1E8774,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 17:18:44 2023
Quant Method : C:\msdchem\1\methods\m1e8736.m
Quant Title : SW-846 Method 8260C/D, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Fri Oct 27 17:48:05 2023
Response via : Initial Calibration

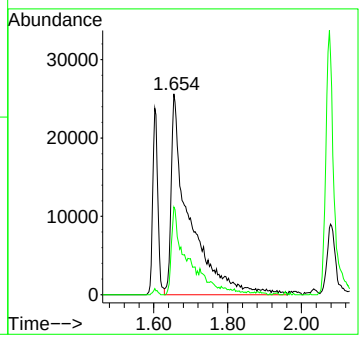


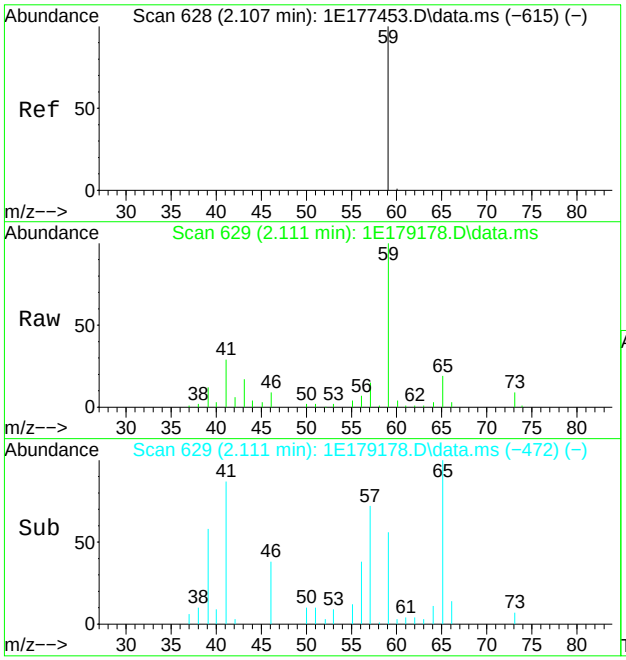


#2
ethanol
Concen: 6149.0074 ug/L
RT: 1.654 min Scan# 487
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 45 Resp: 87833

Ion	Ratio	Lower	Upper
45	100		
46	43.7	18.1	58.1

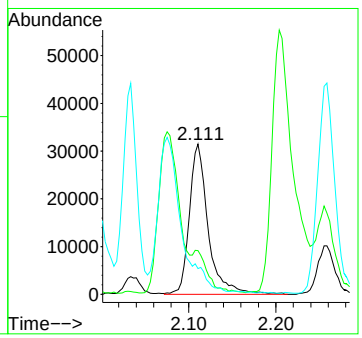


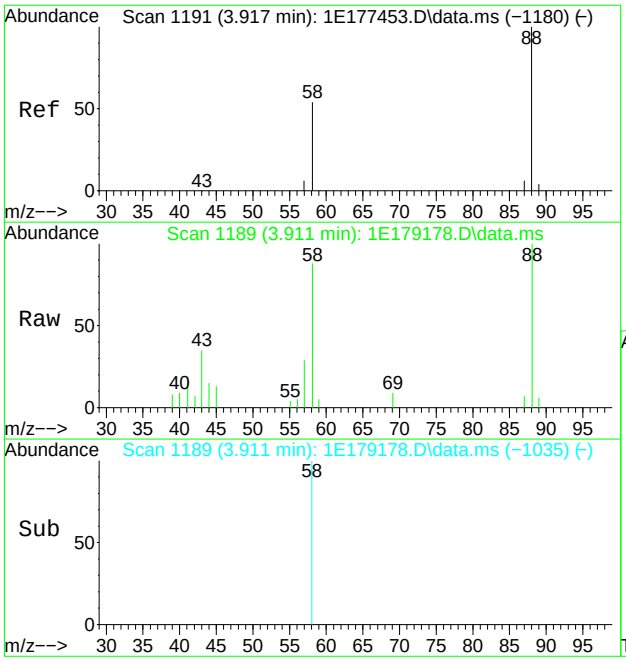


#3
tertiary butyl alcohol
Concen: 123.5840 ug/L
RT: 2.111 min Scan# 629
Delta R.T. 0.004 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 59 Resp: 47372

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	16.1	0.0	52.8

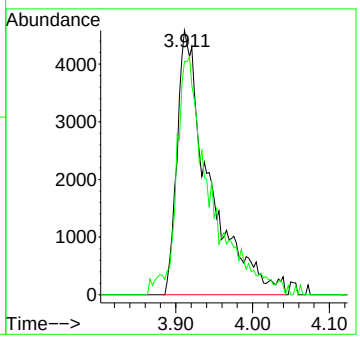


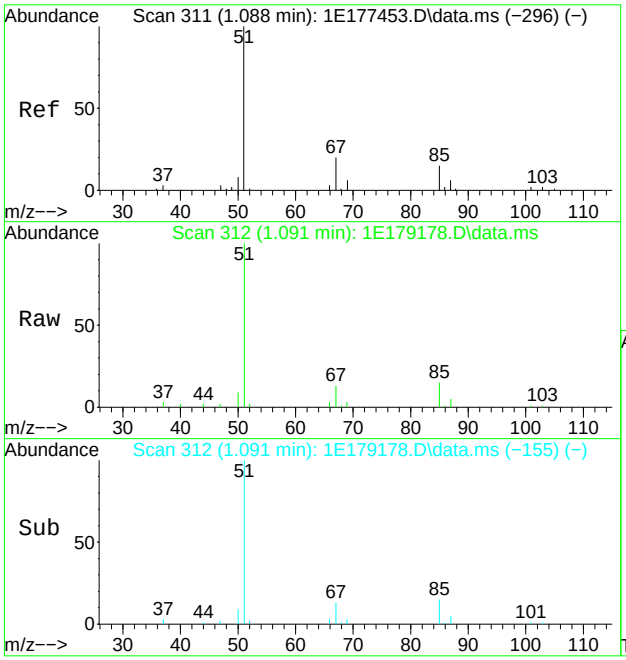


#4
1,4-dioxane
Concen: 792.9293 ug/L
RT: 3.911 min Scan# 1189
Delta R.T. -0.006 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 88 Resp: 13384

Ion	Ratio	Lower	Upper
88	100		
58	88.3	38.3	78.3#

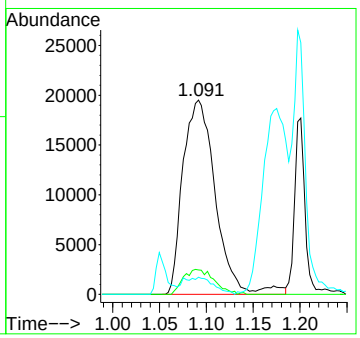


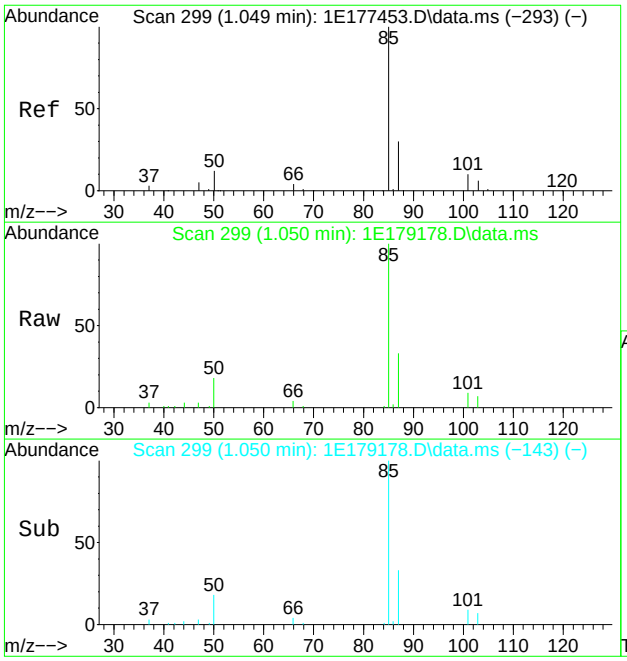


#6
chlorodifluoromethane
Concen: 30.1198 ug/L
RT: 1.091 min Scan# 312
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 51 Resp: 47278

Ion	Ratio	Lower	Upper
51	100		
67	12.6	0.0	49.5
50	0.0	0.0	38.4

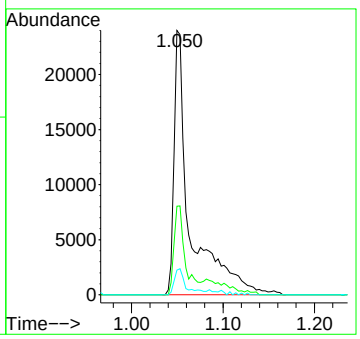


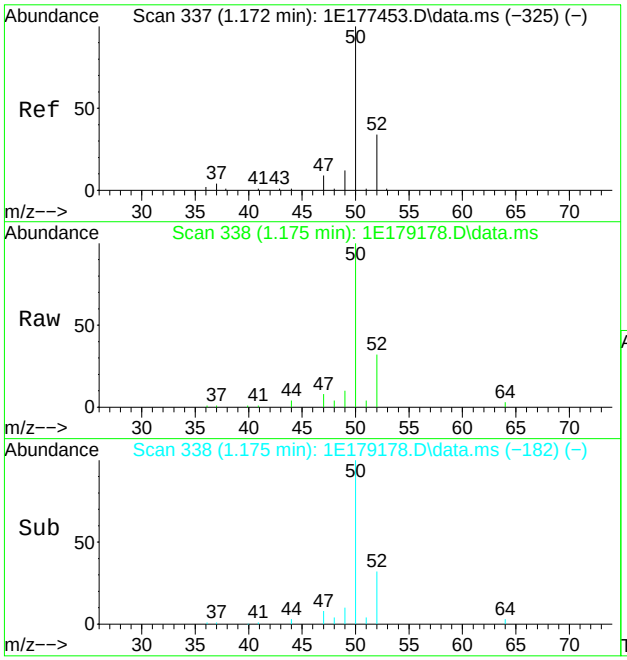


#7
dichlorodifluoromethane
Concen: 15.1515 ug/L
RT: 1.050 min Scan# 299
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 85 Resp: 29371

Ion	Ratio	Lower	Upper
85	100		
87	33.5	0.4	60.4
101	9.4	0.0	39.9

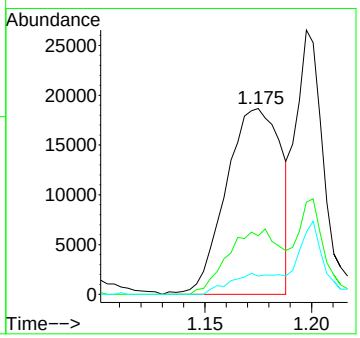


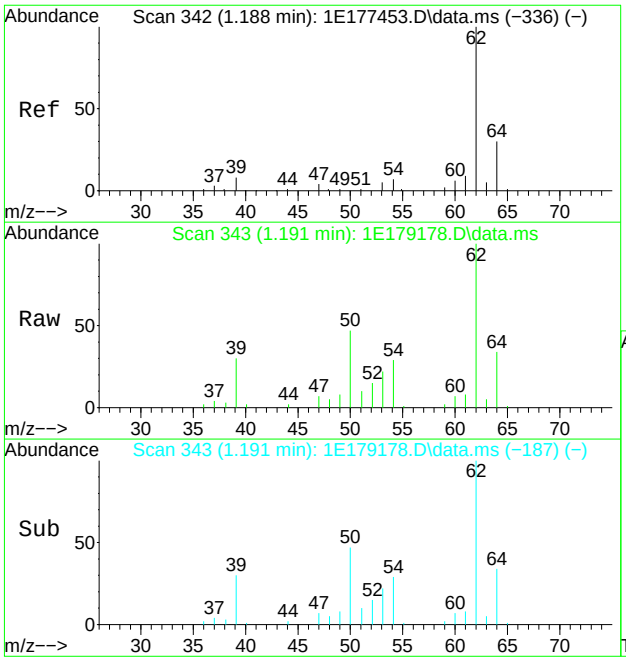


#8
chloromethane
Concen: 29.5299 ug/L
RT: 1.175 min Scan# 338
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 50 Resp: 33465

Ion	Ratio	Lower	Upper
50	100		
52	31.6	4.4	64.4
49	9.9	0.0	42.1

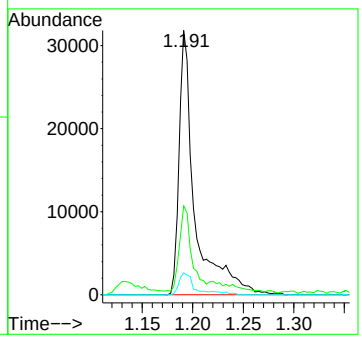


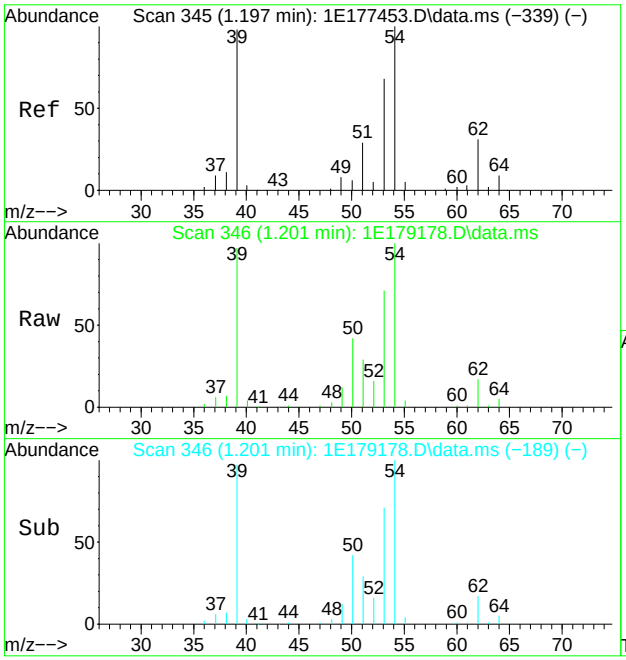


#9
vinyl chloride
Concen: 25.2563 ug/L
RT: 1.191 min Scan# 343
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 62 Resp: 34761

Ion	Ratio	Lower	Upper
62	100		
64	32.4	0.7	60.7
61	8.3	0.0	39.5

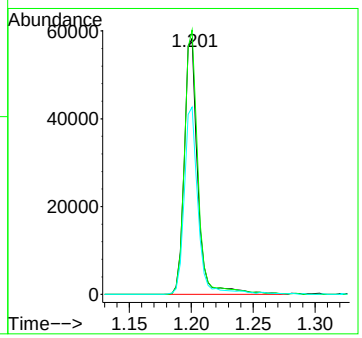


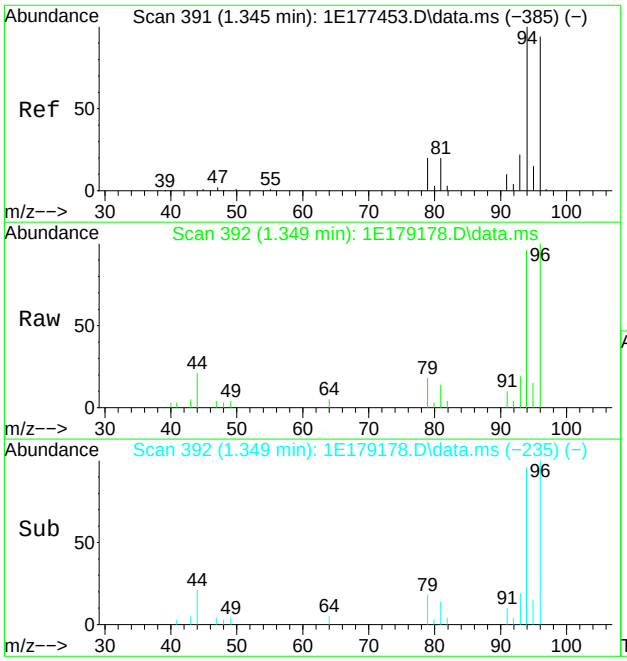


#10
1,3-butadiene
Concen: 37.6081 ug/L
RT: 1.201 min Scan# 346
Delta R.T. 0.004 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 39 Resp: 44470

Ion	Ratio	Lower	Upper
39	100		
54	103.3	72.3	132.3
53	73.2	39.8	99.8

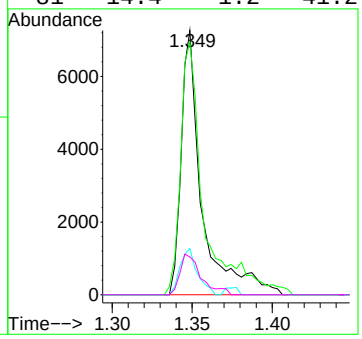


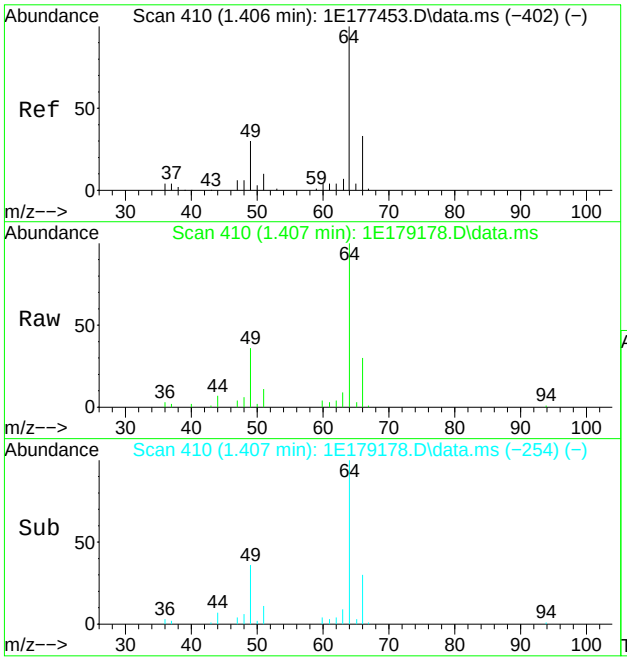


#11
bromomethane
Concen: 19.1614 ug/L
RT: 1.349 min Scan# 392
Delta R.T. 0.004 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 96 Resp: 6550

Ion	Ratio	Lower	Upper
96	100		
94	95.5	76.0	136.0
79	17.6	20.8	20.8#
81	14.4	1.2	41.2

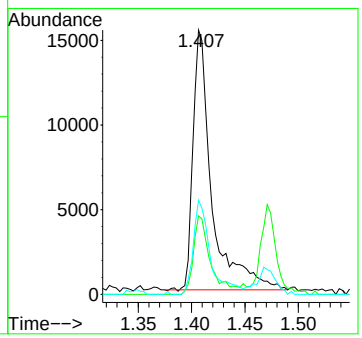


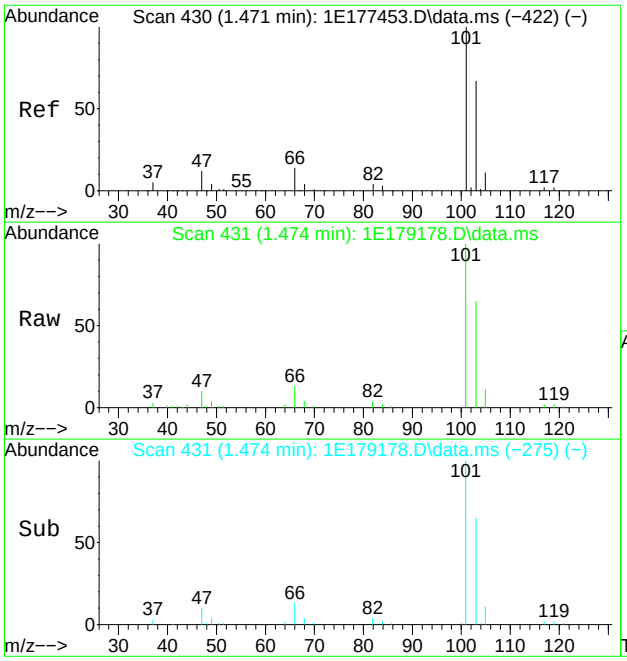


#12
chloroethane
Concen: 21.7622 ug/L
RT: 1.407 min Scan# 410
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 64 Resp: 18892

Ion	Ratio	Lower	Upper
64	100		
66	30.2	3.1	63.1
49	36.3	0.1	60.1

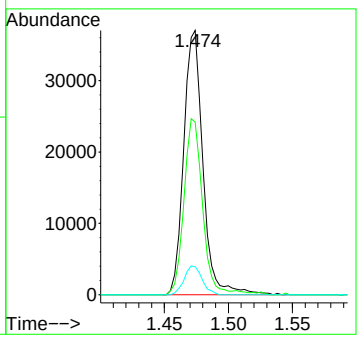


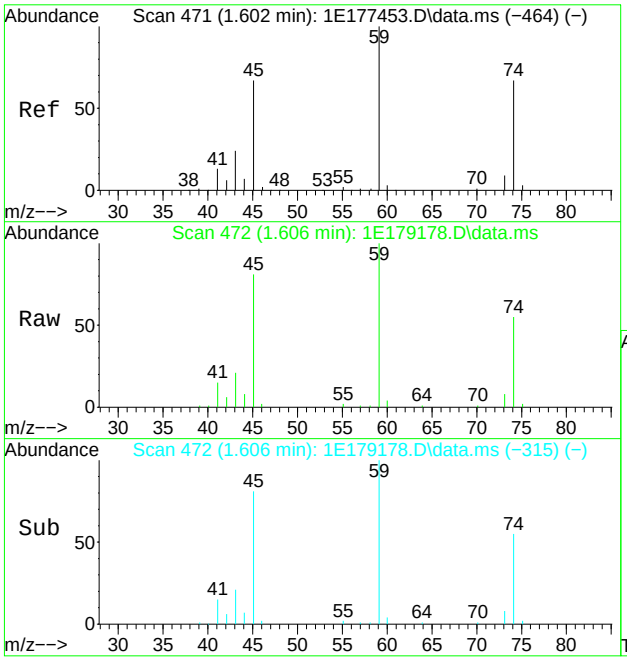


#13
trichlorofluoromethane
Concen: 17.3498 ug/L
RT: 1.474 min Scan# 431
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:101 Resp: 38794

Ion	Ratio	Lower	Upper
101	100		
103	65.2	37.1	97.1
105	10.6	0.0	40.8

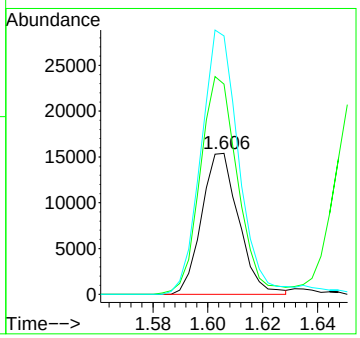


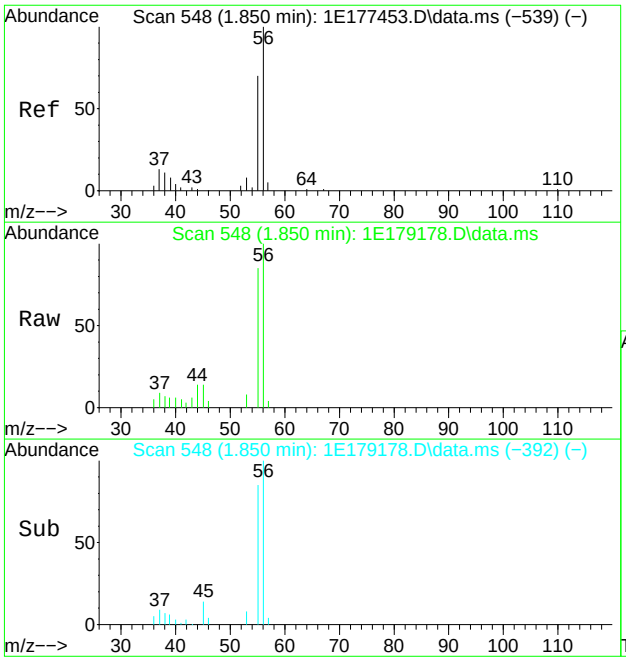


#14
ethyl ether
Concen: 19.6512 ug/L
RT: 1.606 min Scan# 472
Delta R.T. 0.004 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 74 Resp: 14425

Ion	Ratio	Lower	Upper
74	100		
45	148.2	69.1	129.1#
59	183.3	118.9	178.9#

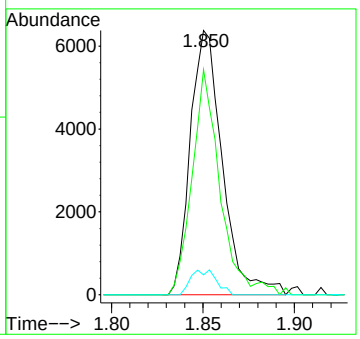


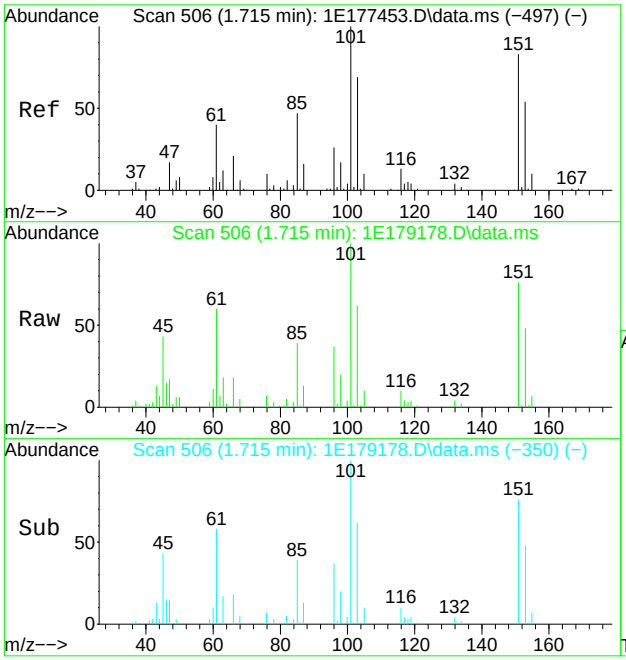


#15
acrolein
Concen: 25.7981 ug/L
RT: 1.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 56 Resp: 7829

Ion	Ratio	Lower	Upper
56	100		
55	85.1	40.4	100.4
53	7.5	0.0	38.2

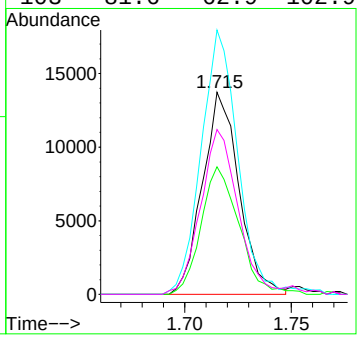


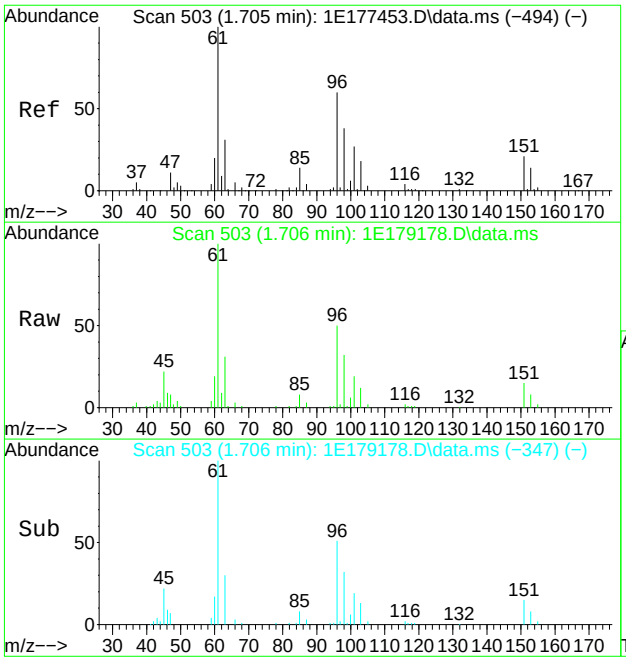


#16
freon 113
Concen: 16.6688 ug/L
RT: 1.715 min Scan# 506
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:151 Resp: 16438

Ion	Ratio	Lower	Upper
151	100		
153	63.1	44.6	84.6
101	130.8	100.2	140.2
103	81.6	62.9	102.9

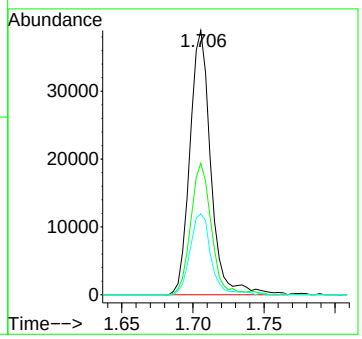


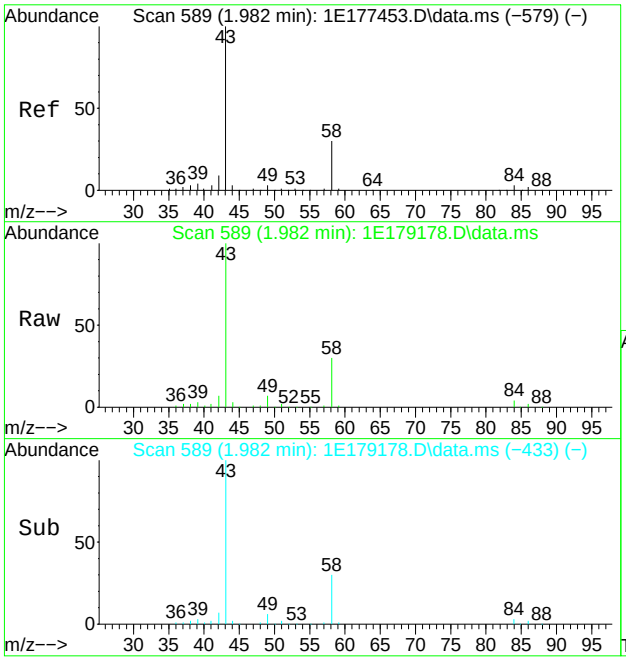


#17
1,1-dichloroethene
Concen: 22.8027 ug/L
RT: 1.706 min Scan# 503
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 61 Resp: 39921

Ion	Ratio	Lower	Upper
61	100		
96	49.8	29.6	89.6
63	30.7	1.2	61.2

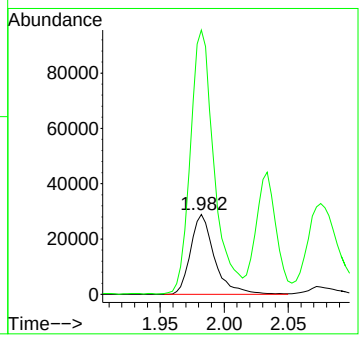


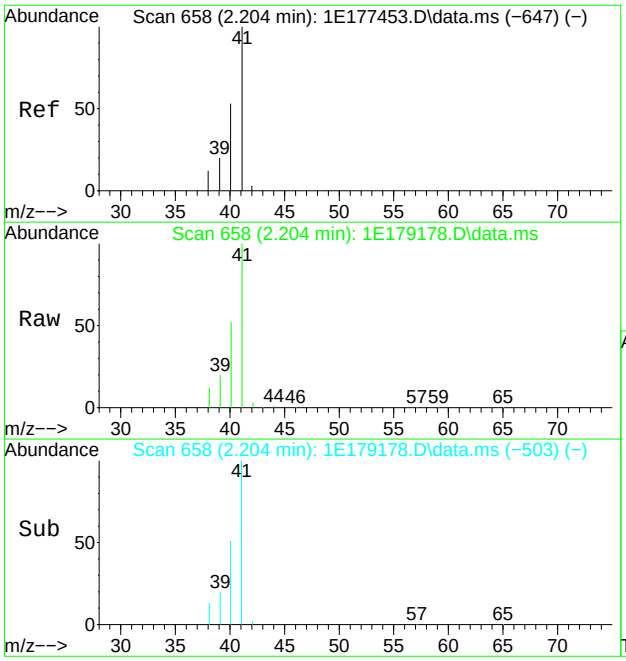


#18
acetone
Concen: 111.0832 ug/L
RT: 1.982 min Scan# 589
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 58 Resp: 37741

Ion	Ratio	Lower	Upper
58	100		
43	329.5	304.0	364.0

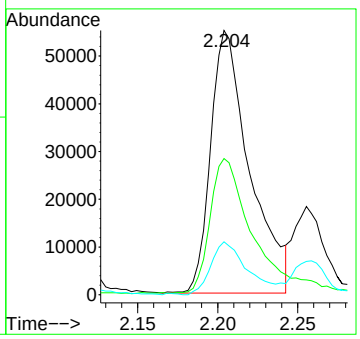


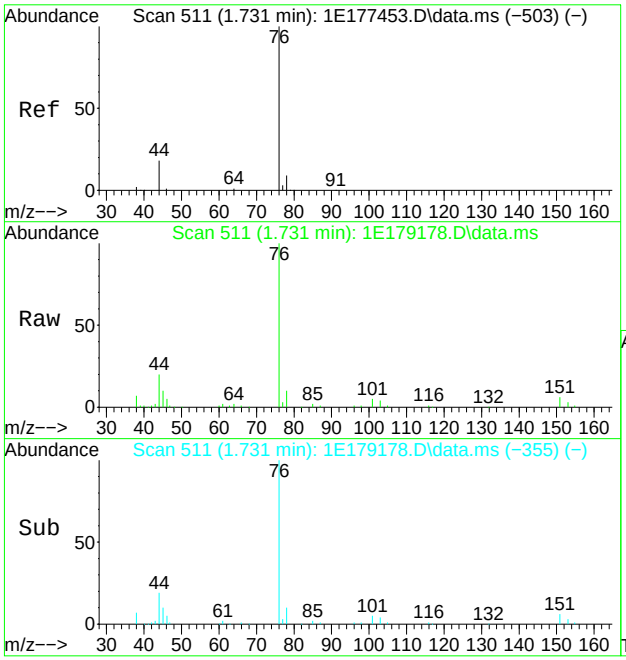


#19
acetonitrile
Concen: 495.7960 ug/L
RT: 2.204 min Scan# 658
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 41 Resp: 93276

Ion	Ratio	Lower	Upper
41	100		
40	51.0	22.9	82.9
39	20.2	0.0	49.7

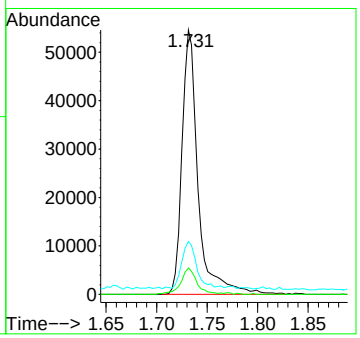


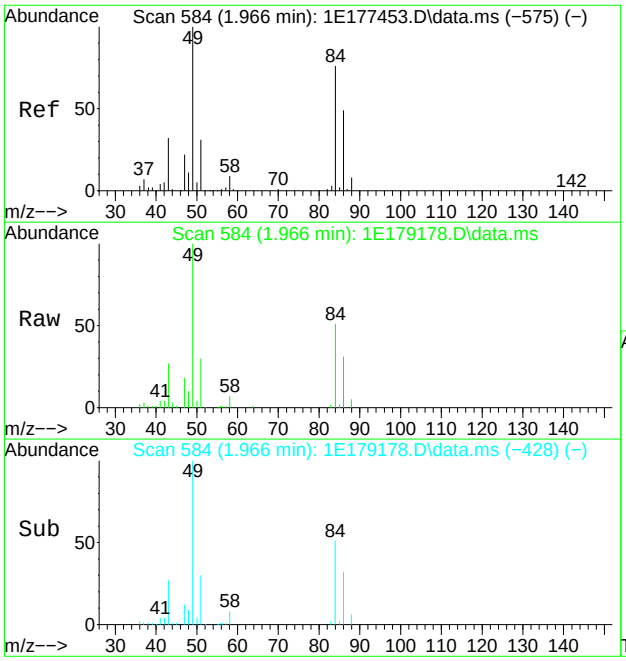


#21
carbon disulfide
Concen: 19.0121 ug/L
RT: 1.731 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 76 Resp: 60341

Ion	Ratio	Lower	Upper
76	100		
78	10.0	0.0	39.2
44	18.1	0.0	48.3

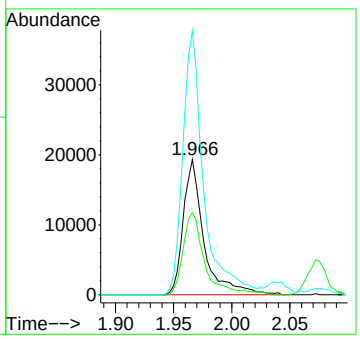


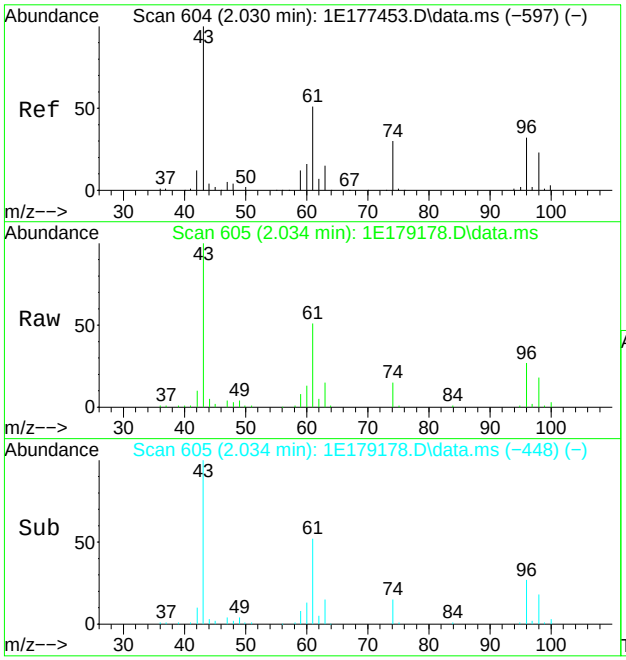


#22
methylene chloride
Concen: 18.3919 ug/L
RT: 1.966 min Scan# 584
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 84 Resp: 23965

Ion	Ratio	Lower	Upper
84	100		
86	60.9	34.9	94.9
49	195.8	102.4	162.4#

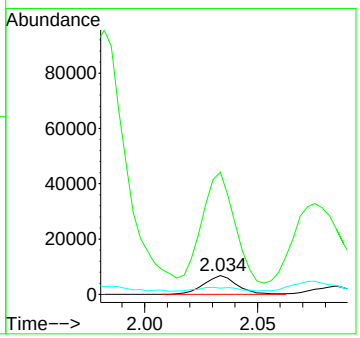


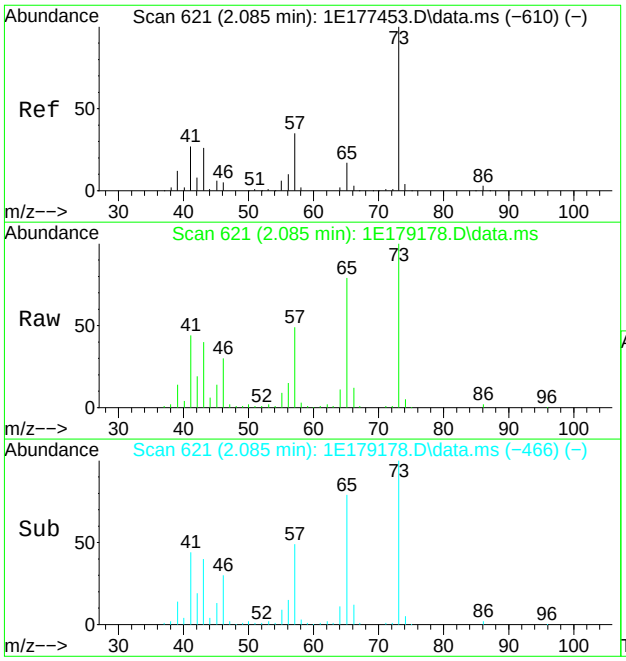


#23
methyl acetate
Concen: 20.4511 ug/L
RT: 2.034 min Scan# 605
Delta R.T. 0.004 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 74 Resp: 6932

Ion	Ratio	Lower	Upper
74	100		
43	517.5	307.5	367.5#
44	10.8	0.0	43.7

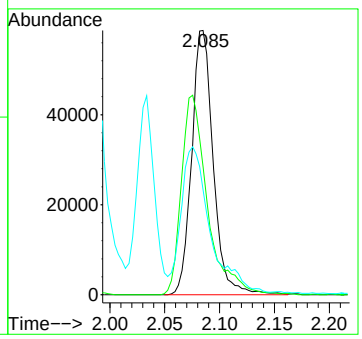


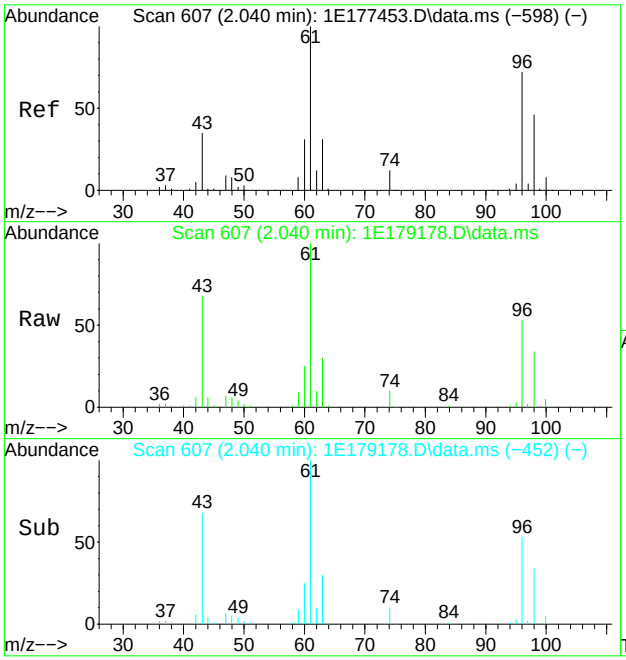


#24
methyl tert butyl ether
Concen: 19.5133 ug/L
RT: 2.085 min Scan# 621
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 73 Resp: 80512

Ion	Ratio	Lower	Upper
73	100		
57	48.1	5.0	65.0
43	38.8	0.4	60.4

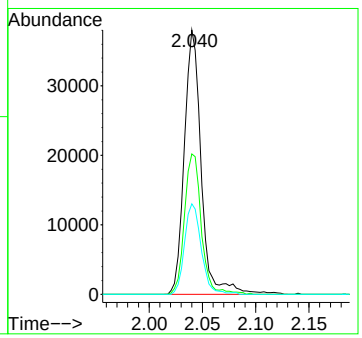


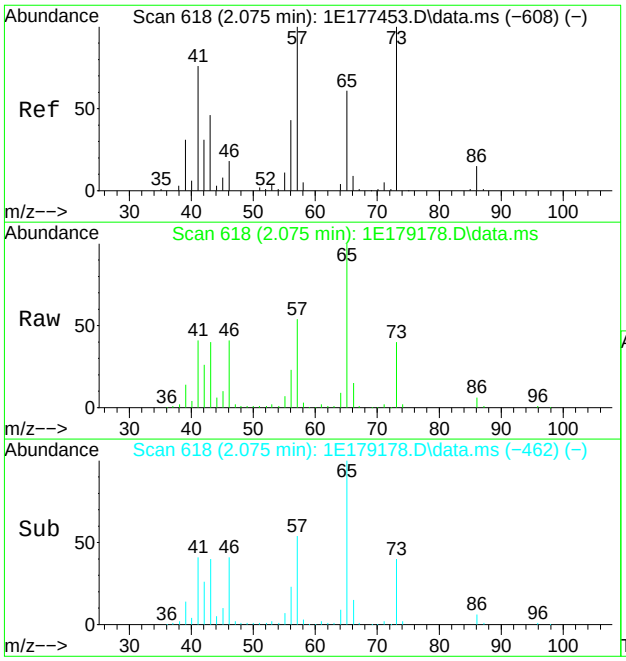


#25
trans-1,2-dichloroethene
Concen: 24.4744 ug/L
RT: 2.040 min Scan# 607
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 61 Resp: 42145

Ion	Ratio	Lower	Upper
61	100		
96	53.1	41.6	101.6
98	34.3	15.7	75.7

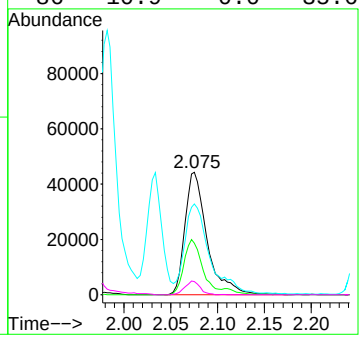


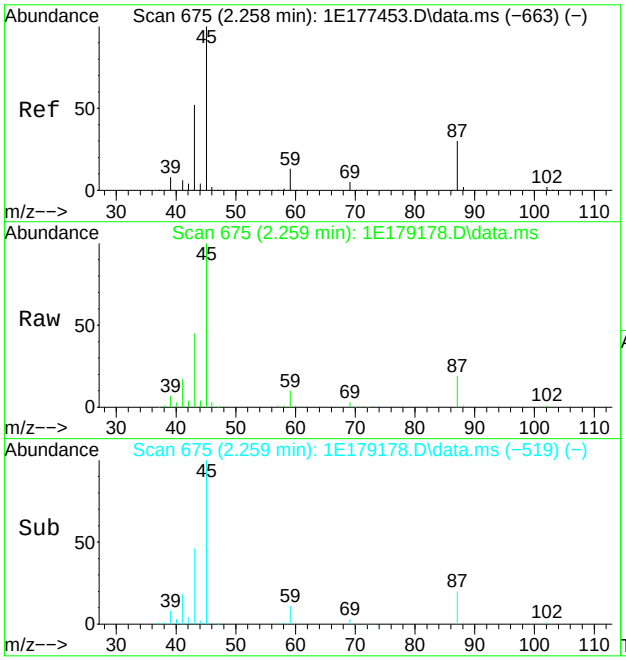


#26
hexane
Concen: 25.3698 ug/L
RT: 2.075 min Scan# 618
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 57 Resp: 73460

Ion	Ratio	Lower	Upper
57	100		
56	42.2	23.0	63.0
43	73.4	50.7	90.7
86	10.9	0.0	35.6

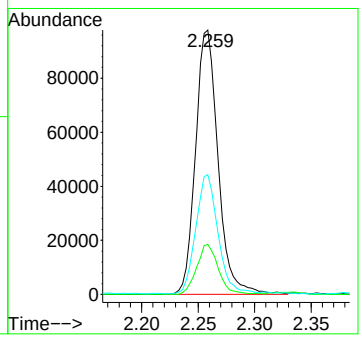


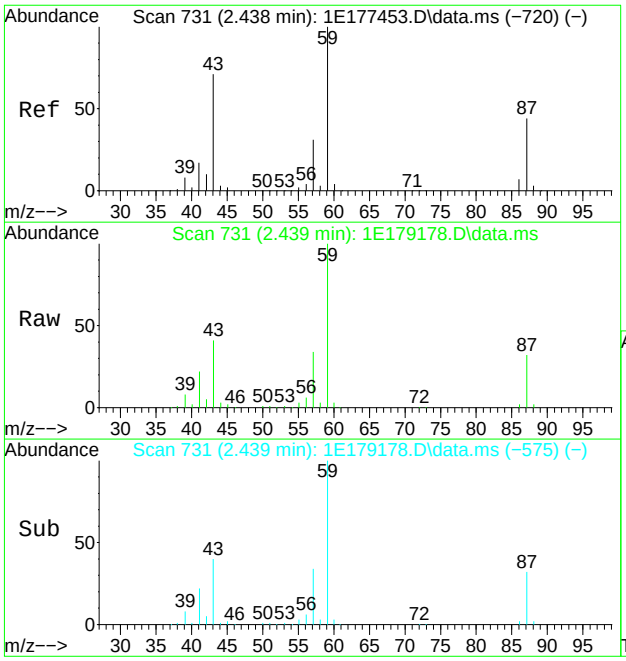


#27
di-isopropyl ether
Concen: 32.5986 ug/L
RT: 2.259 min Scan# 675
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 45 Resp: 135758

Ion	Ratio	Lower	Upper
45	100		
87	18.9	0.0	59.9
43	45.0	22.2	82.2

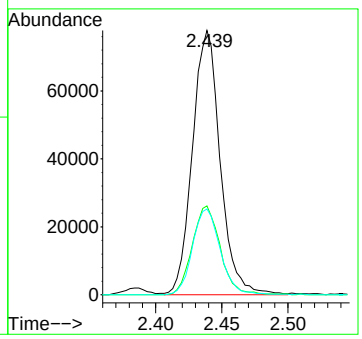


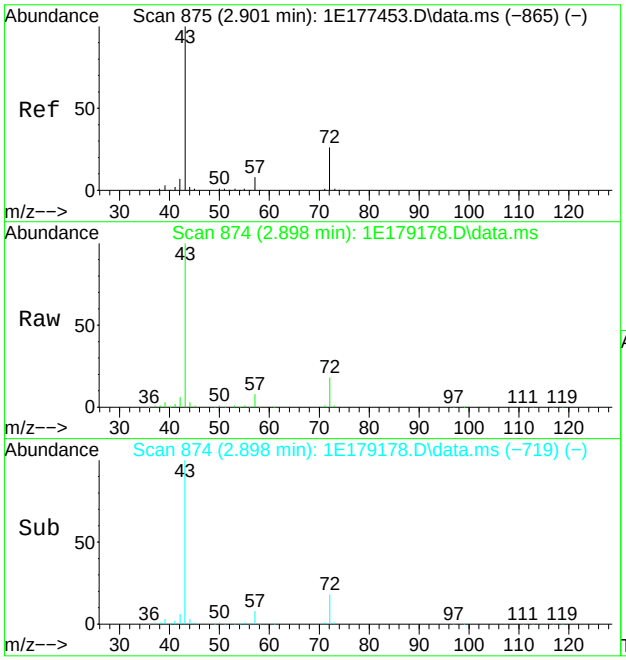


#28
ethyl tert-butyl ether
Concen: 25.4385 ug/L
RT: 2.439 min Scan# 731
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 59 Resp: 113709

Ion	Ratio	Lower	Upper
59	100		
57	33.8	1.2	61.2
87	32.6	14.3	74.3

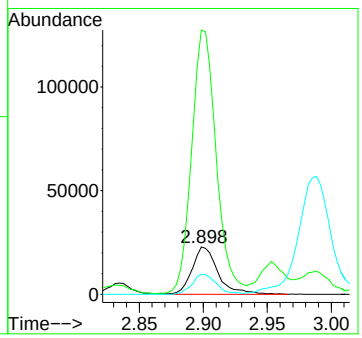


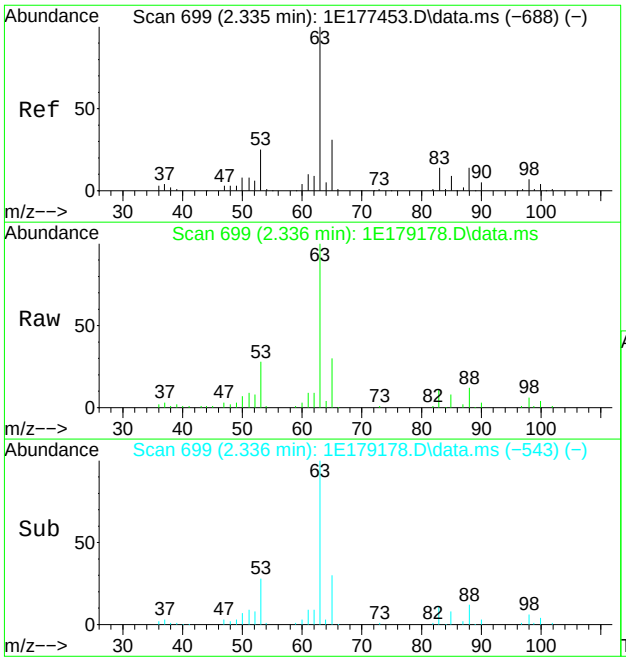


#29
2-butanone
Concen: 86.8669 ug/L
RT: 2.898 min Scan# 874
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 72 Resp: 32368

Ion	Ratio	Lower	Upper
72	100		
43	556.6	351.4	411.4#
57	42.1	1.3	61.3

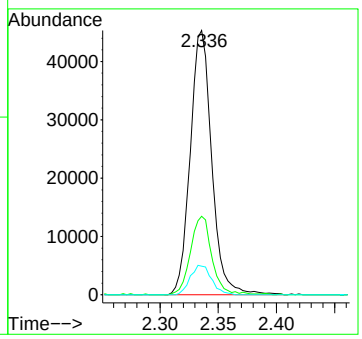


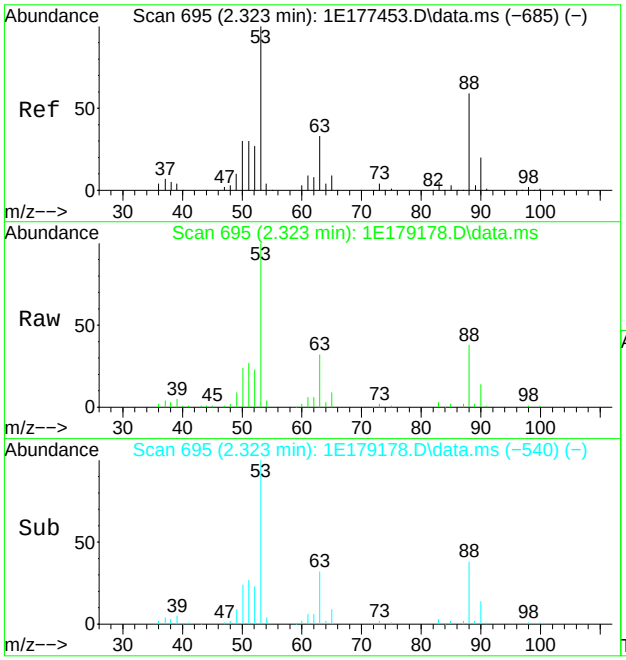


#30
1,1-dichloroethane
Concen: 24.2938 ug/L
RT: 2.336 min Scan# 699
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 63 Resp: 58415

Ion	Ratio	Lower	Upper
63	100		
65	29.7	1.1	61.1
83	10.8	0.0	44.4

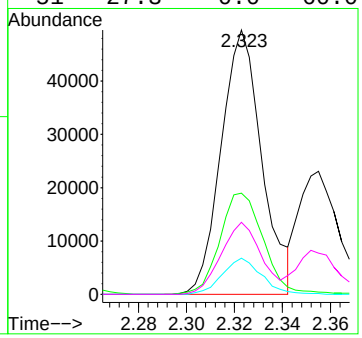


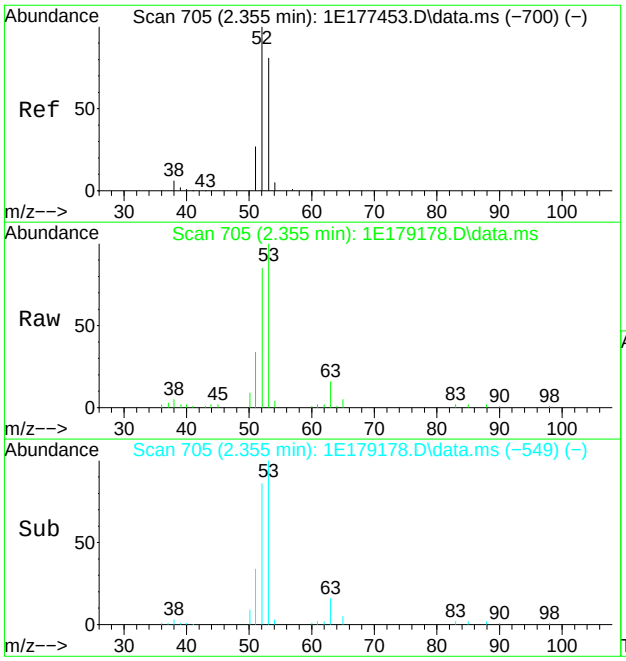


#31
chloroprene
Concen: 27.8854 ug/L
RT: 2.323 min Scan# 695
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 53 Resp: 58381

Ion	Ratio	Lower	Upper
53	100		
88	38.3	29.0	89.0
90	13.7	0.0	50.3
51	27.3	0.0	60.0

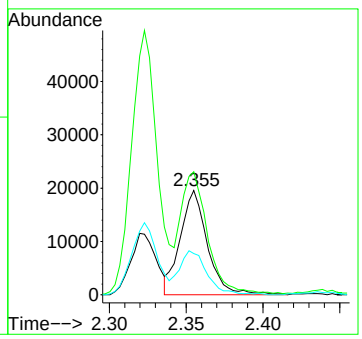


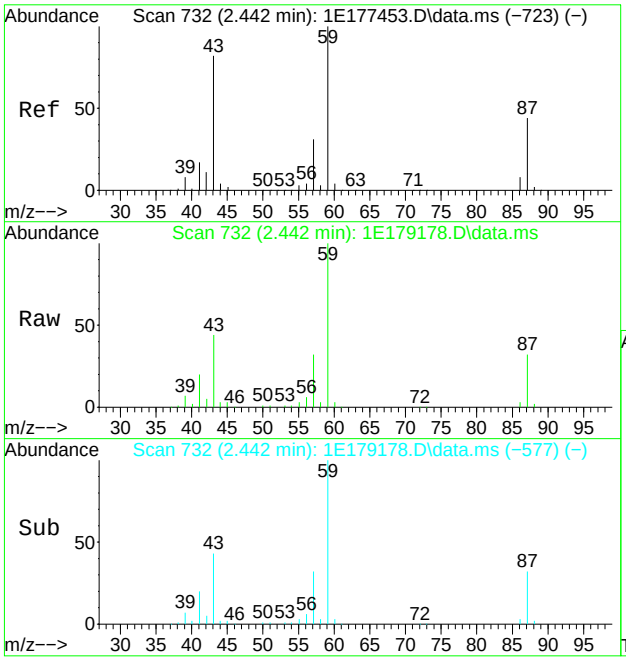


#32
acrylonitrile
Concen: 40.7252 ug/L
RT: 2.355 min Scan# 705
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 52 Resp: 24192

Ion	Ratio	Lower	Upper
52	100		
53	116.3	98.3	158.3
51	38.7	13.3	73.3

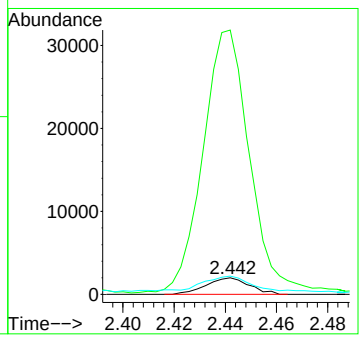


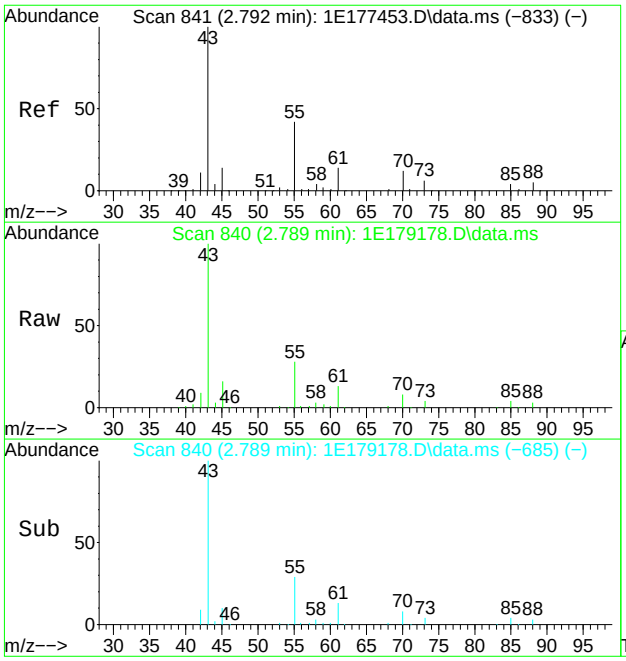


#33
vinyl acetate
Concen: 8.1535 ug/L
RT: 2.442 min Scan# 732
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 86 Resp: 2341

Ion	Ratio	Lower	Upper
86	100		
43	1561.9	996.1	1056.1#
44	84.8	16.2	76.2#

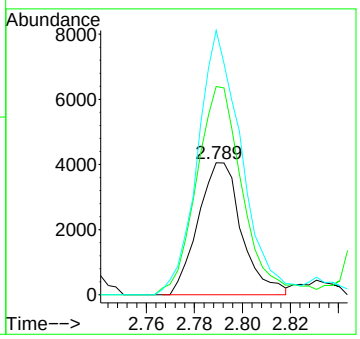


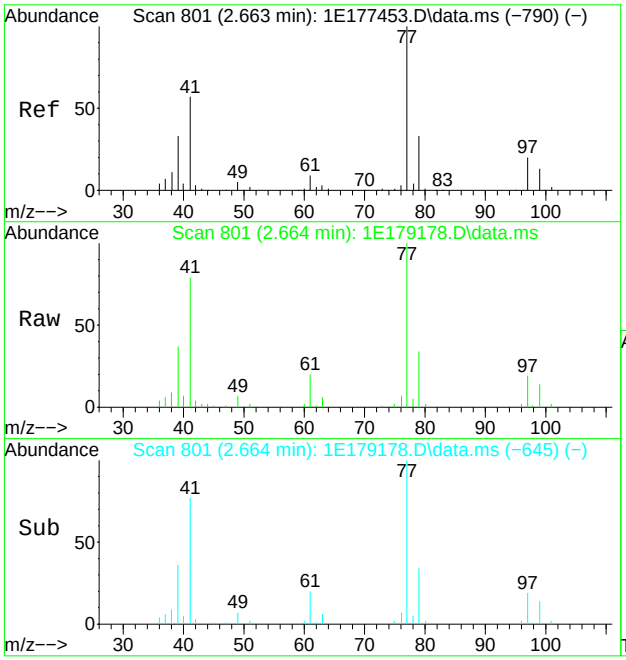


#34
ethyl acetate
Concen: 23.2290 ug/L
RT: 2.789 min Scan# 840
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 70 Resp: 5108

Ion	Ratio	Lower	Upper
70	100		
61	152.7	88.3	148.3#
45	196.5	89.7	149.7#

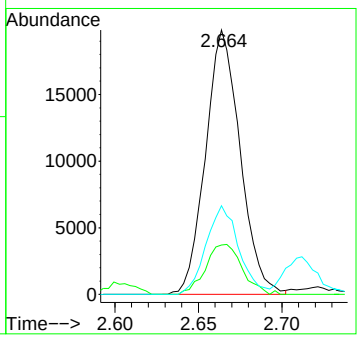


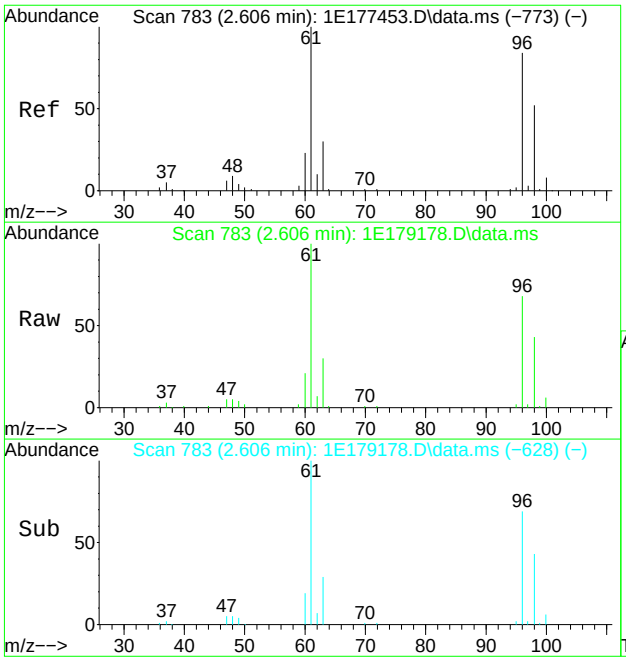


#35
2,2-dichloropropane
Concen: 14.1435 ug/L
RT: 2.664 min Scan# 801
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 77 Resp: 28560

Ion	Ratio	Lower	Upper
77	100		
97	18.7	0.0	50.3
79	33.5	2.7	62.7

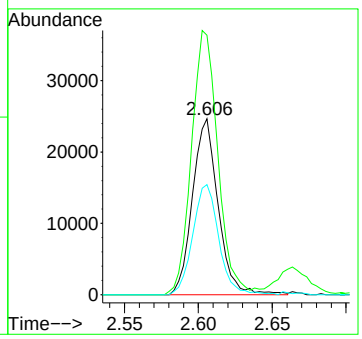


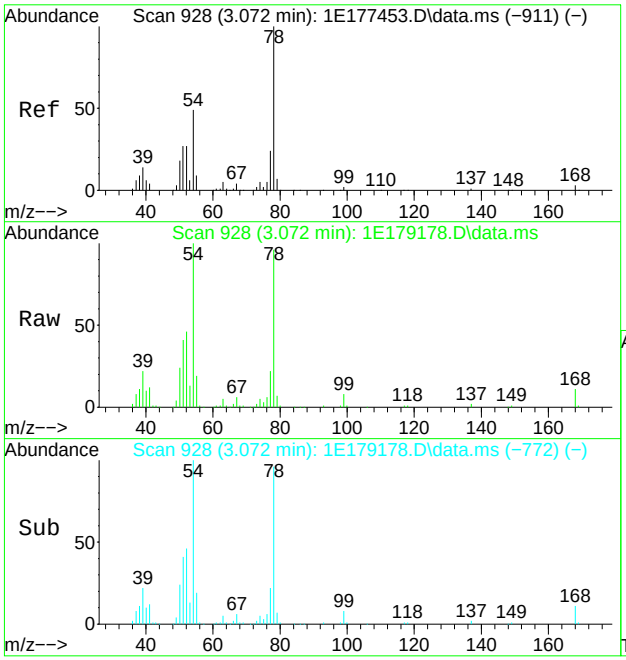


#36
cis-1,2-dichloroethene
Concen: 19.9245 ug/L
RT: 2.606 min Scan# 783
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 96 Resp: 29924

Ion	Ratio	Lower	Upper
96	100		
61	147.4	89.1	149.1
98	62.6	31.8	91.8

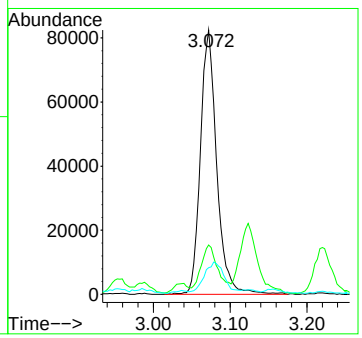


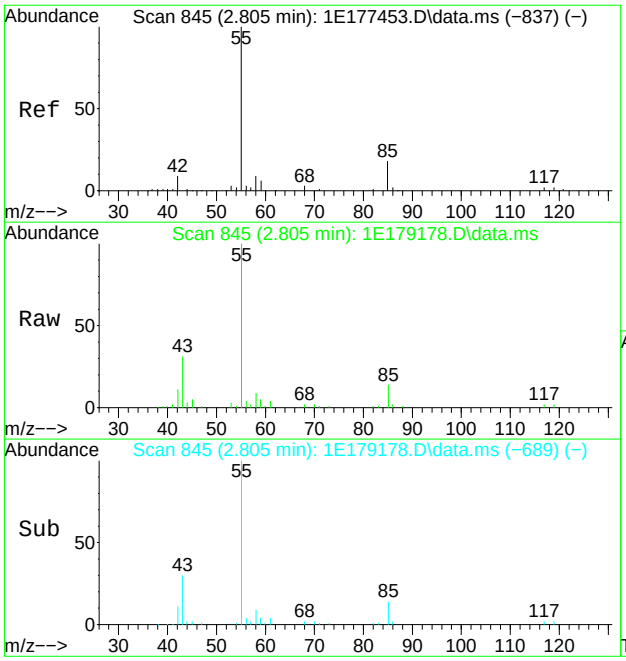


#37
propionitrile
Concen: 382.9107 ug/L
RT: 3.072 min Scan# 928
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 54 Resp: 121869

Ion	Ratio	Lower	Upper
54	100		
55	18.2	0.0	49.2
40	9.5	0.0	43.2

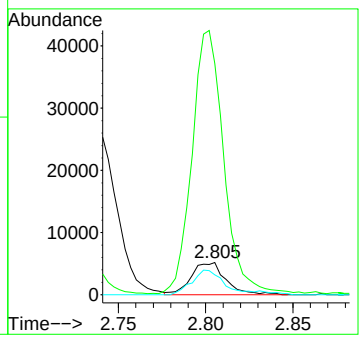


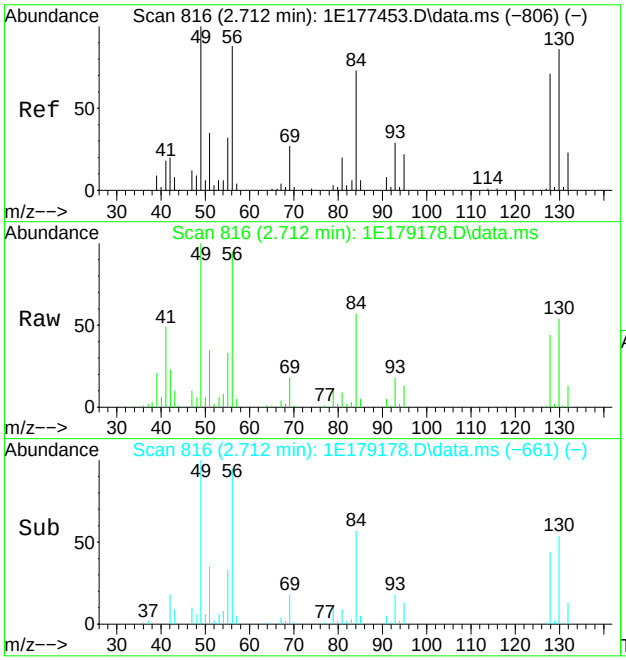


#38
methyl acrylate
Concen: 20.9164 ug/L
RT: 2.805 min Scan# 845
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 85 Resp: 7192

Ion	Ratio	Lower	Upper
85	100		
55	705.3	505.5	545.5#
58	62.0	25.5	65.5

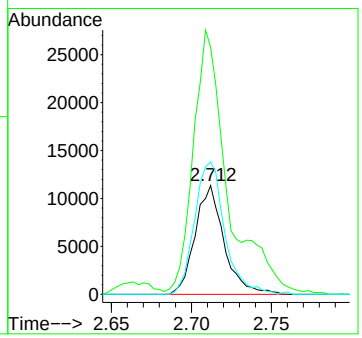


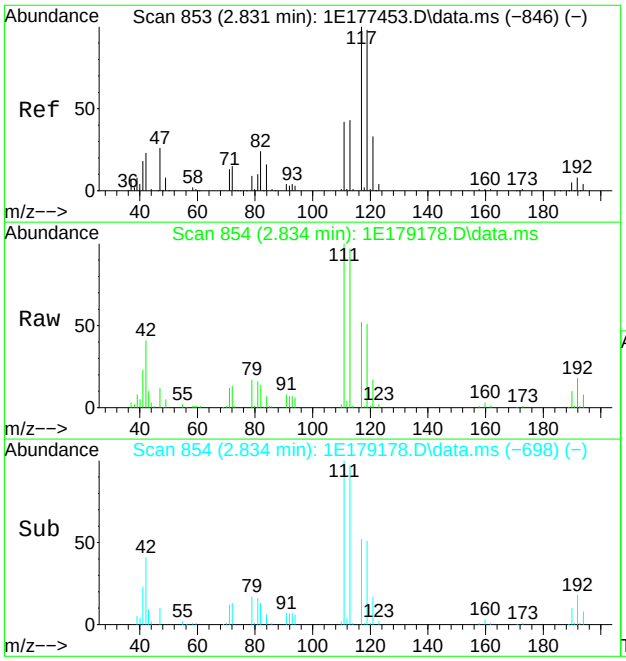


#39
bromochloromethane
Concen: 18.6020 ug/L
RT: 2.712 min Scan# 816
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:128 Resp: 14324

Ion	Ratio	Lower	Upper
128	100		
49	224.4	113.7	173.7#
130	121.6	91.4	151.4

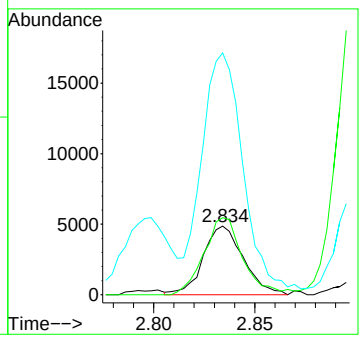


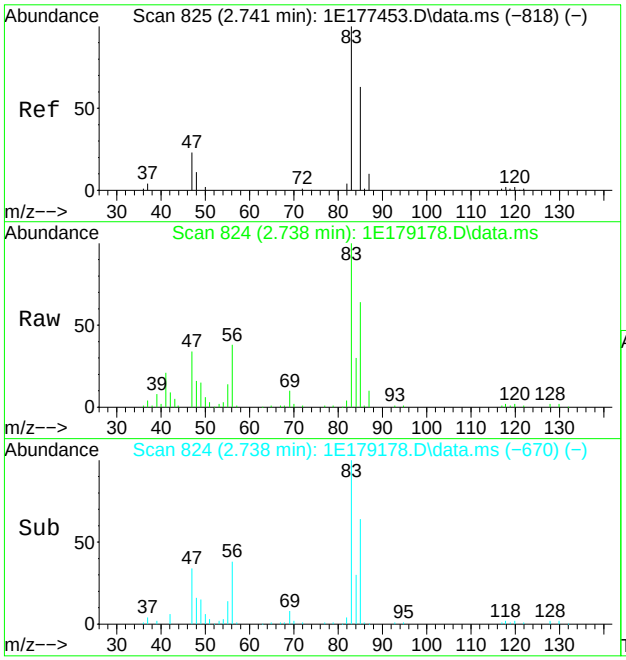


#40
tetrahydrofuran
Concen: 23.4921 ug/L
RT: 2.834 min Scan# 854
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 71 Resp: 6748

Ion	Ratio	Lower	Upper
71	100		
72	111.9	82.2	142.2
42	340.0	201.9	261.9#

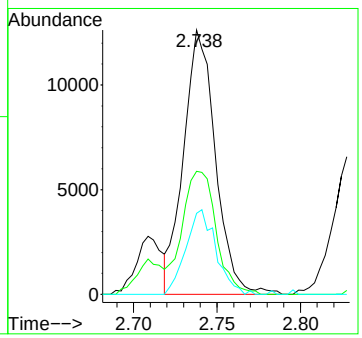


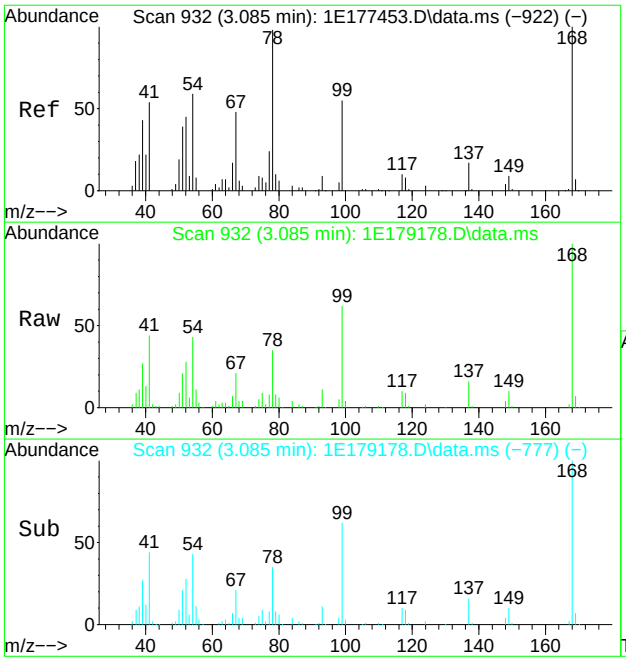


#41
chloroform
Concen: 22.7441 ug/L
RT: 2.738 min Scan# 824
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 47 Resp: 16778

Ion	Ratio	Lower	Upper
47	100		
48	46.5	23.0	83.0
87	30.6	8.1	68.1

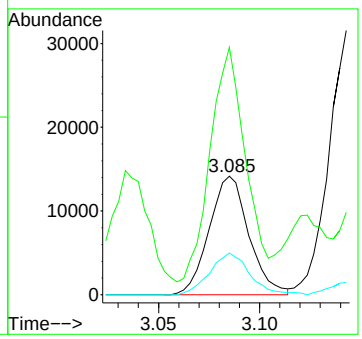


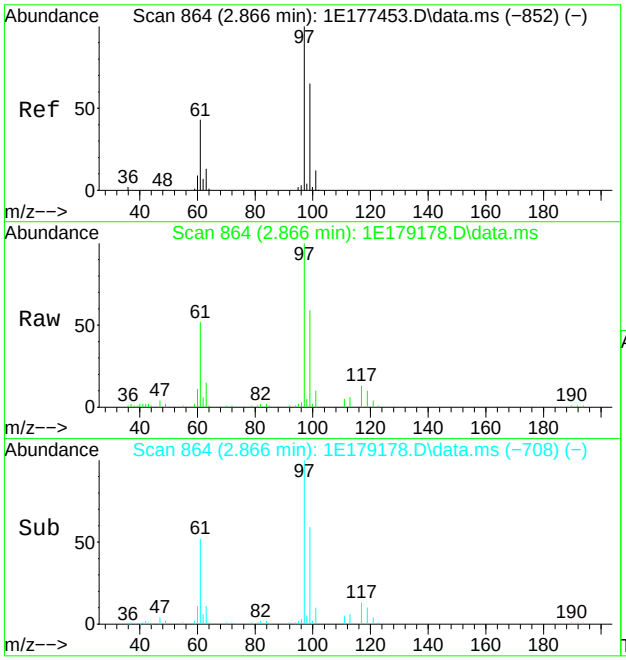


#43
methacrylonitrile
Concen: 22.9301 ug/L
RT: 3.085 min Scan# 932
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 67 Resp: 19320

Ion	Ratio	Lower	Upper
67	100		
41	188.7	83.8	143.8#
66	35.3	6.0	66.0

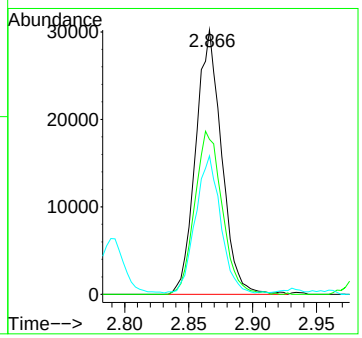


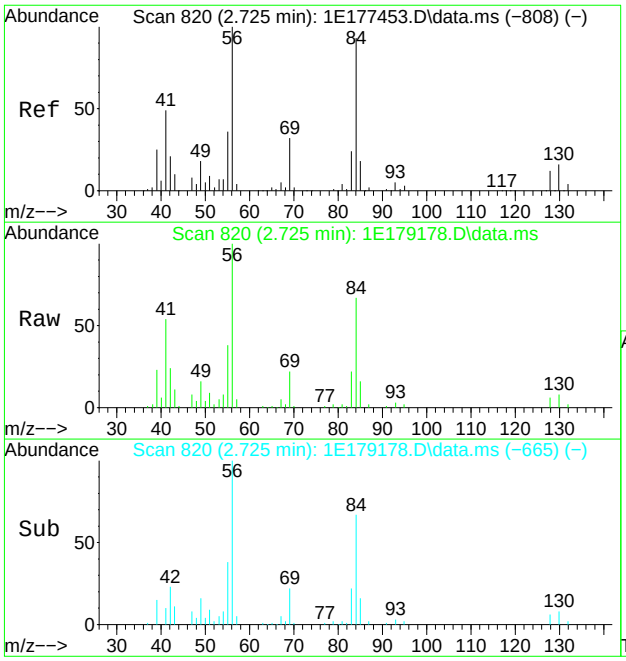


#44
1,1,1-trichloroethane
Concen: 18.1886 ug/L
RT: 2.866 min Scan# 864
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 97 Resp: 42660

Ion	Ratio	Lower	Upper
97	100		
99	58.6	34.9	94.9
61	51.8	13.2	73.2

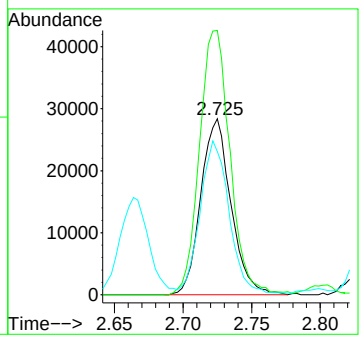


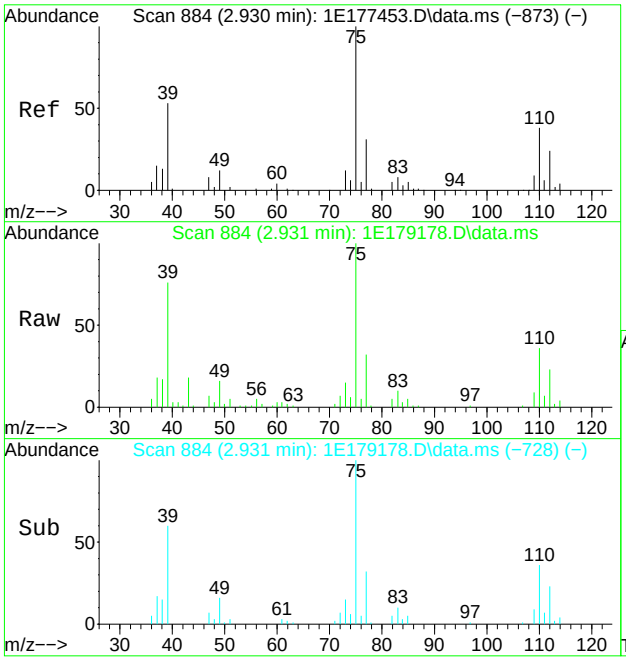


#45
cyclohexane
Concen: 21.4374 ug/L
RT: 2.725 min Scan# 820
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 84 Resp: 43430

Ion	Ratio	Lower	Upper
84	100		
56	150.2	87.1	127.1#
41	80.5	36.3	76.3#

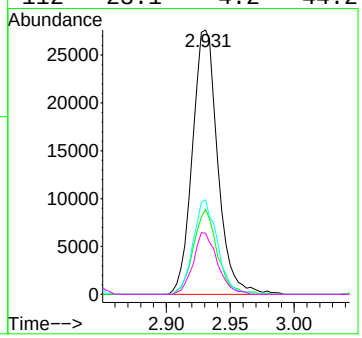


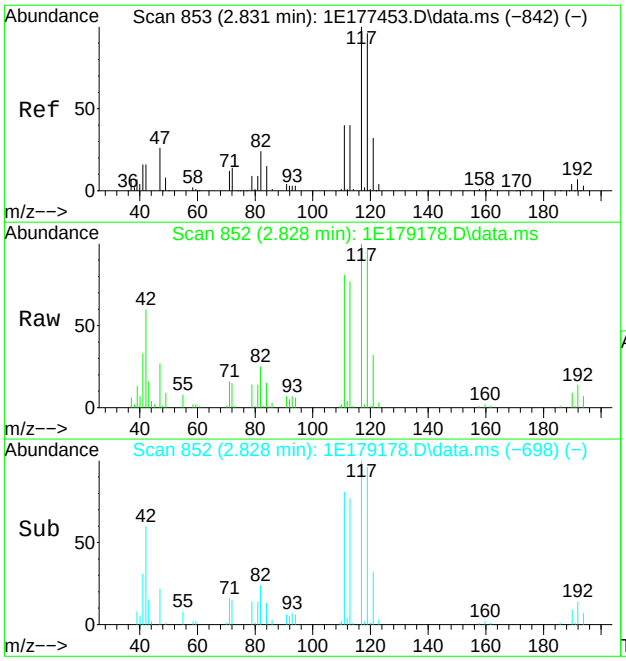


#46
1,1-dichloropropene
Concen: 20.5795 ug/L
RT: 2.931 min Scan# 884
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 75 Resp: 38118

Ion	Ratio	Lower	Upper
75	100		
77	32.1	10.6	50.6
110	35.7	17.7	57.7
112	23.1	4.2	44.2

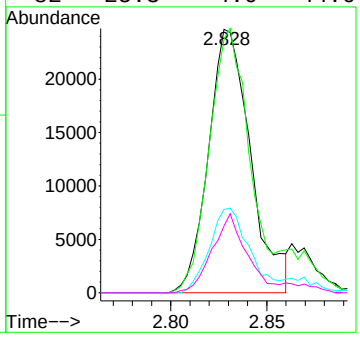


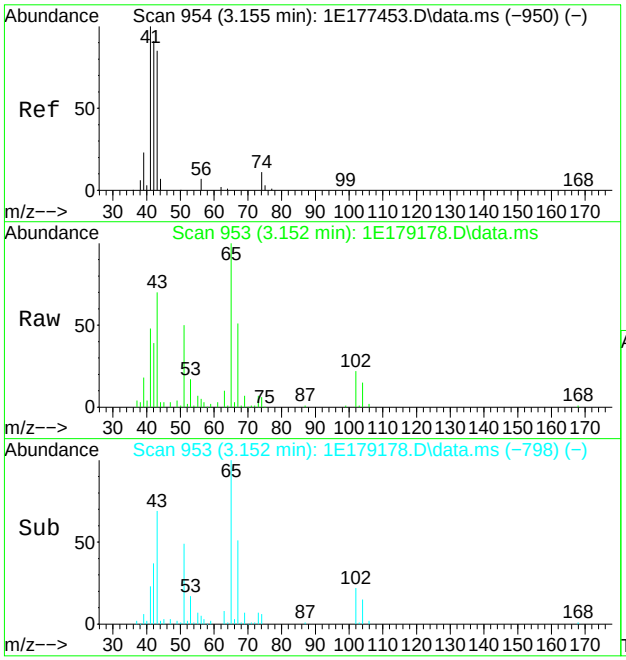


#47
carbon tetrachloride
Concen: 17.1367 ug/L
RT: 2.828 min Scan# 852
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:117 Resp: 37619

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.4	116.4
121	31.6	12.4	52.4
82	25.3	4.0	44.0

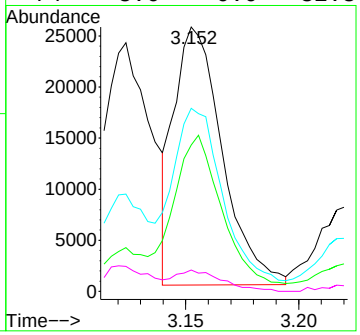


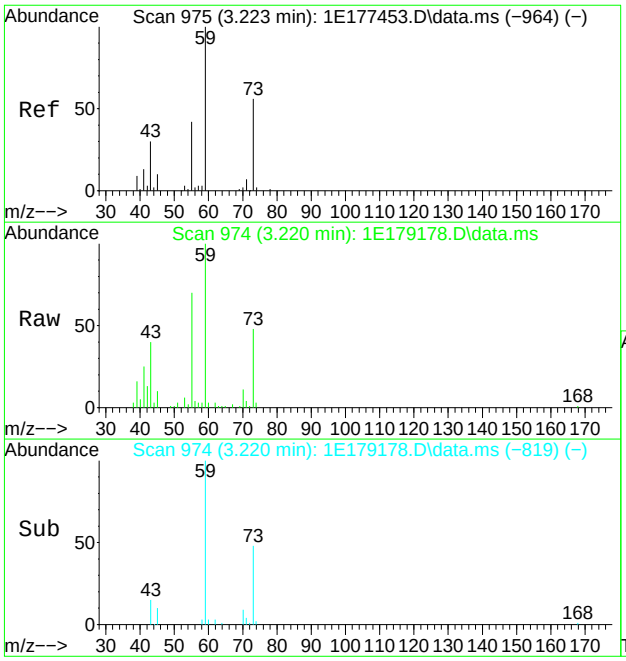


#48
isobutyl alcohol
Concen: 431.9801 ug/L
RT: 3.152 min Scan# 953
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 43 Resp: 37529

Ion	Ratio	Lower	Upper
43	100		
42	55.4	34.0	74.0
41	68.9	52.4	92.4
74	8.6	0.0	32.3

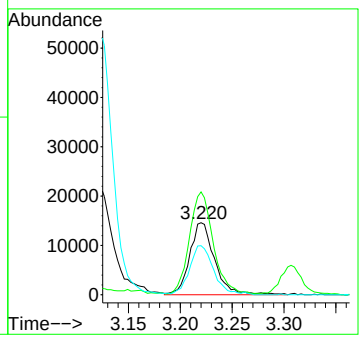


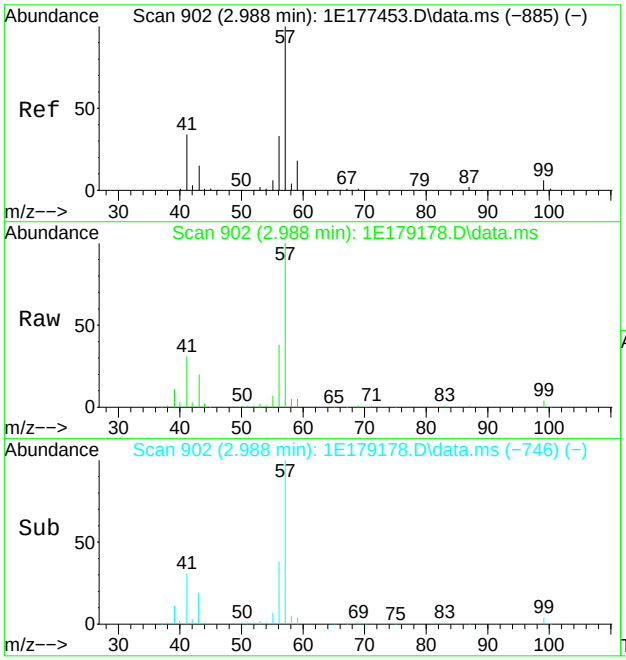


#49
tert-amyl alcohol
Concen: 252.0134 ug/L
RT: 3.220 min Scan# 974
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 55 Resp: 24418

Ion	Ratio	Lower	Upper
55	100		
59	140.9	210.1	250.1#
73	67.9	111.6	151.6#

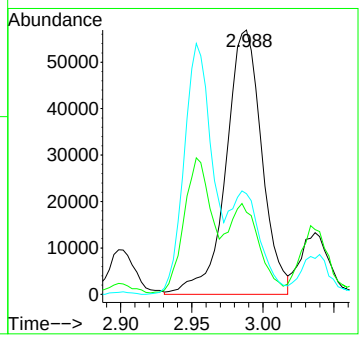


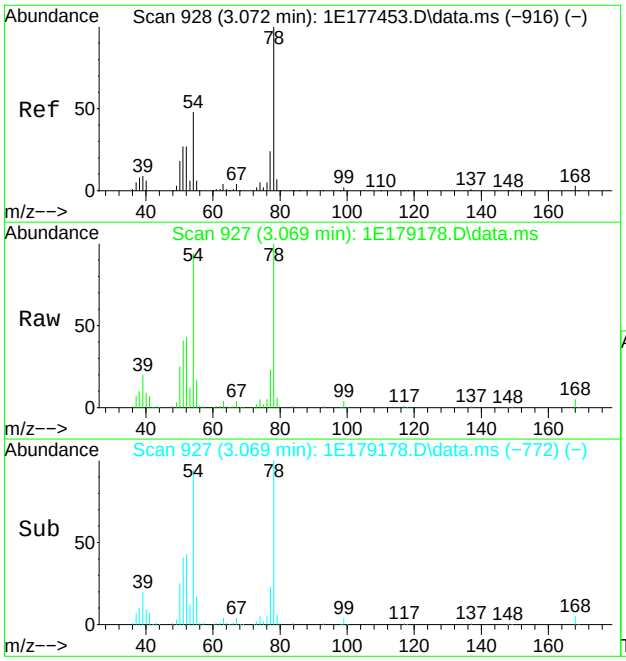


#52
iso-octane
Concen: 24.3956 ug/L
RT: 2.988 min Scan# 902
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 57 Resp: 99769

Ion	Ratio	Lower	Upper
57	100		
41	29.8	14.3	54.3
56	36.0	13.6	53.6

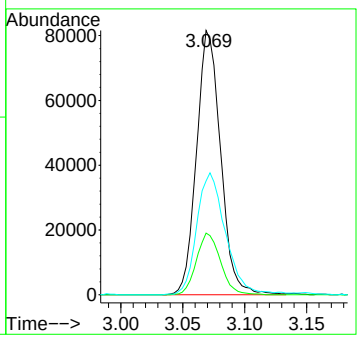


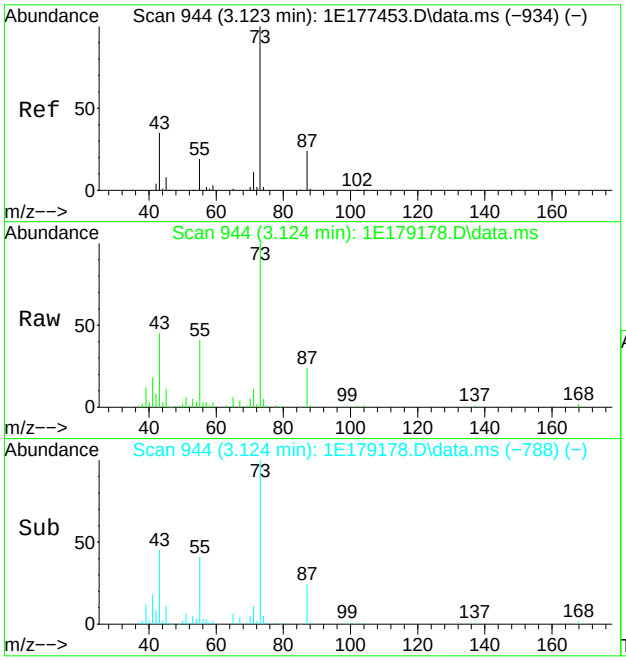


#53
benzene
Concen: 22.2221 ug/L
RT: 3.069 min Scan# 927
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 78 Resp: 110651

Ion	Ratio	Lower	Upper
78	100		
77	23.4	0.0	54.3
52	43.0	0.0	57.1

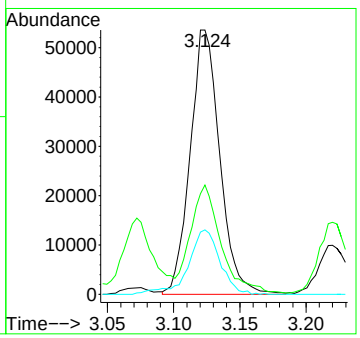


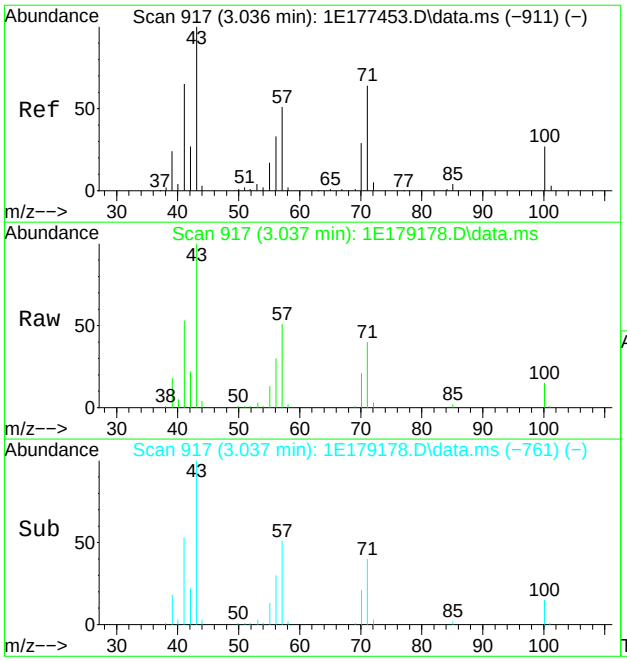


#54
tert-amyl methyl ether
Concen: 20.2941 ug/L
RT: 3.124 min Scan# 944
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 73 Resp: 83540

Ion	Ratio	Lower	Upper
73	100		
55	41.0	2.5	42.5
87	24.5	5.0	45.0

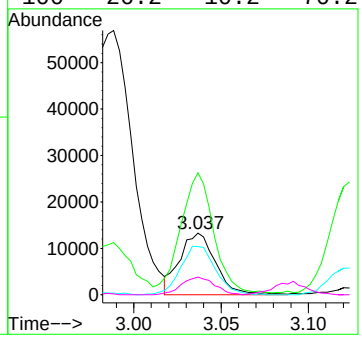


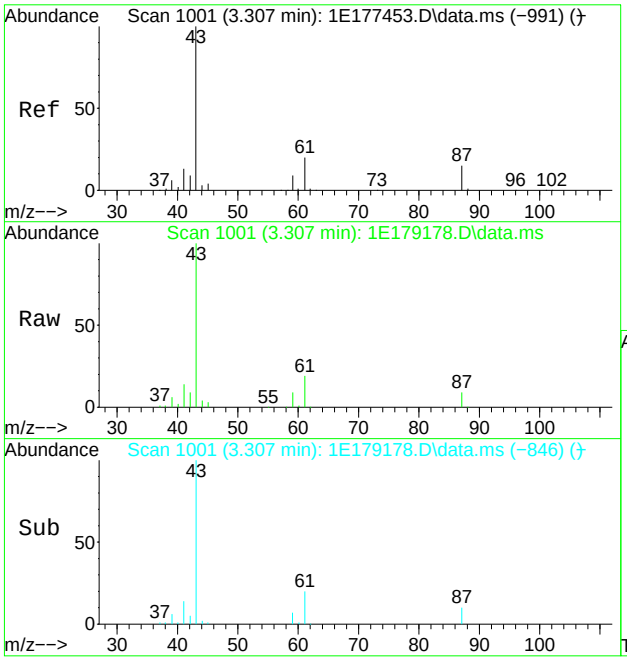


#55
heptane
Concen: 24.9057 ug/L
RT: 3.037 min Scan# 917
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 57 Resp: 19055

Ion	Ratio	Lower	Upper
57	100		
43	193.7	129.2	189.2#
71	79.0	71.9	131.9
100	26.2	10.2	70.2

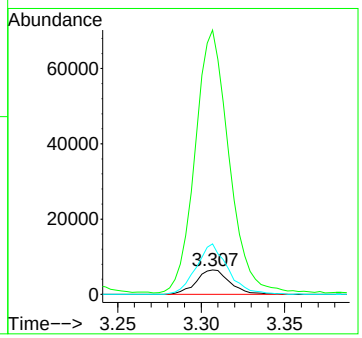


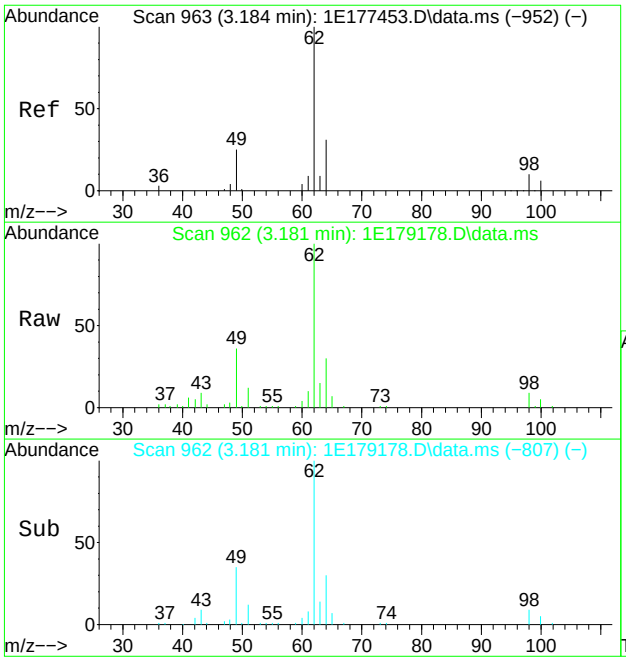


#56
isopropyl acetate
Concen: 20.2909 ug/L
RT: 3.307 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 87 Resp: 9114

Ion	Ratio	Lower	Upper
87	100		
43	1072.5	647.0	707.0#
61	207.0	104.0	164.0#

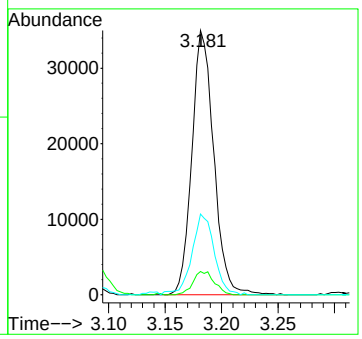


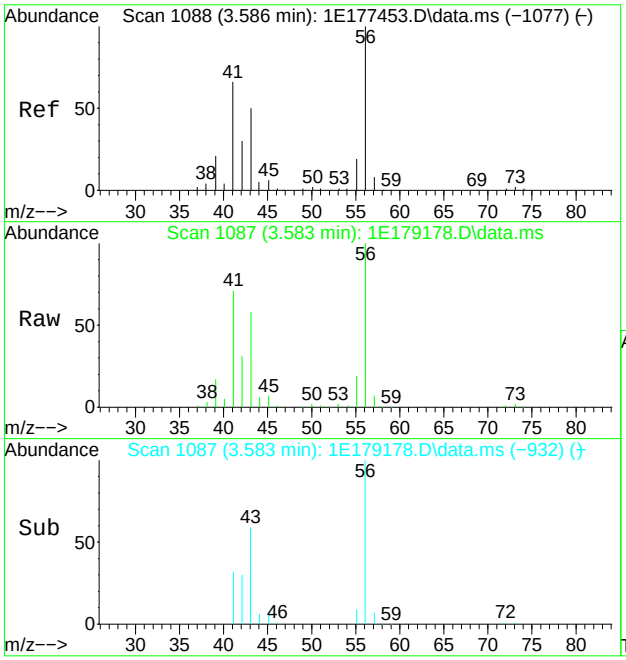


#57
1,2-dichloroethane
Concen: 23.2583 ug/L
RT: 3.181 min Scan# 962
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 62 Resp: 47287

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	39.5
64	30.5	1.9	61.9

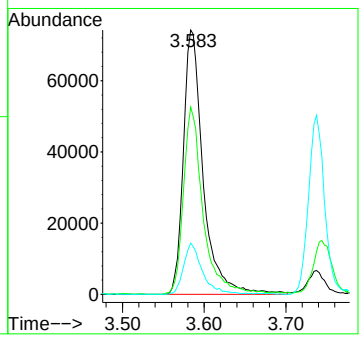


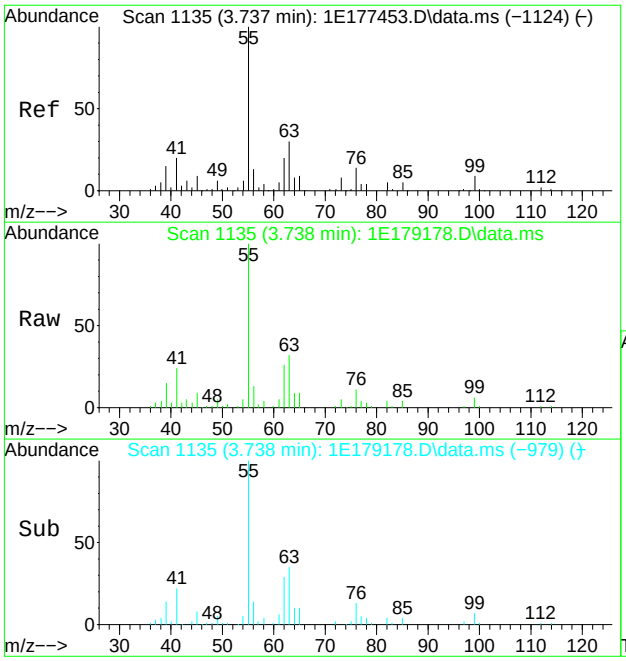


#58
n-butyl alcohol
Concen: 2510.2381 ug/L
RT: 3.583 min Scan# 1087
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 56 Resp: 125456

Ion	Ratio	Lower	Upper
56	100		
41	70.6	46.6	86.6
55	19.4	0.0	39.2

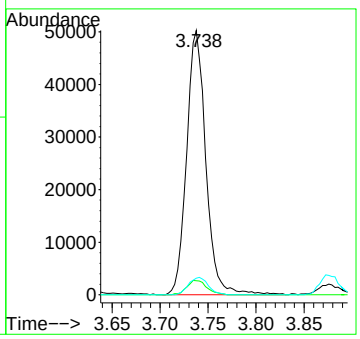


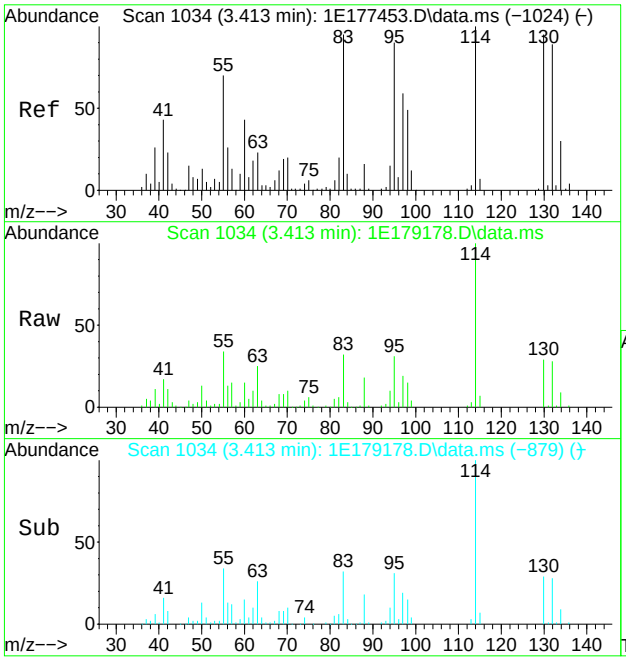


#59
ethyl acrylate
Concen: 29.8106 ug/L
RT: 3.738 min Scan# 1135
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 55 Resp: 70255

Ion	Ratio	Lower	Upper
55	100		
73	5.3	0.0	37.9
99	6.2	0.0	38.9

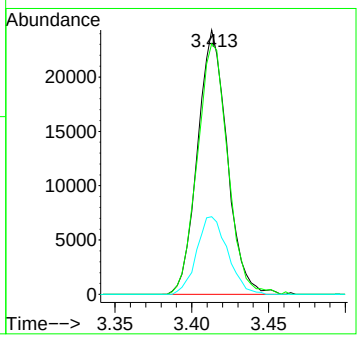


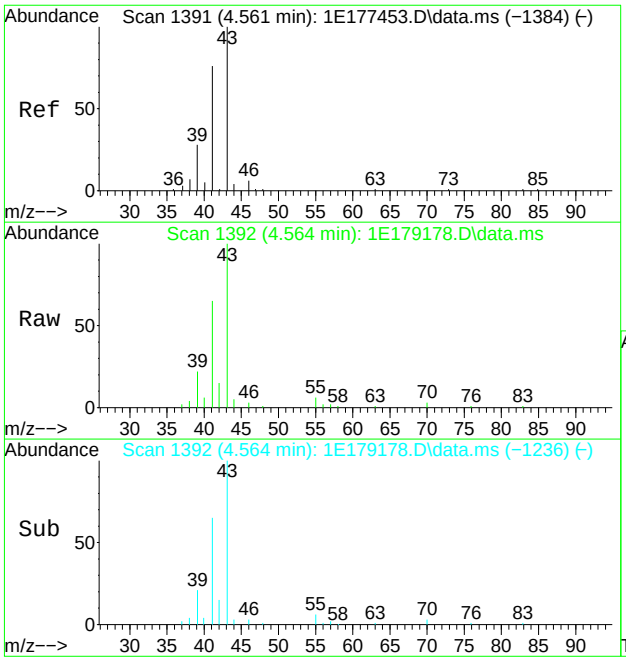


#60
trichloroethene
Concen: 21.2939 ug/L
RT: 3.413 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:130 Resp: 32543

Ion	Ratio	Lower	Upper
130	100		
132	94.7	63.8	123.8
134	29.4	1.3	61.3

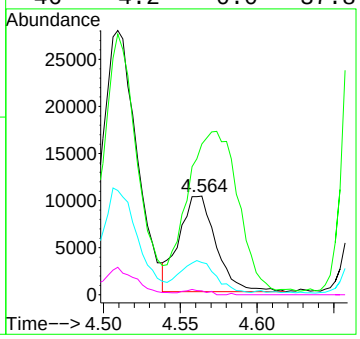


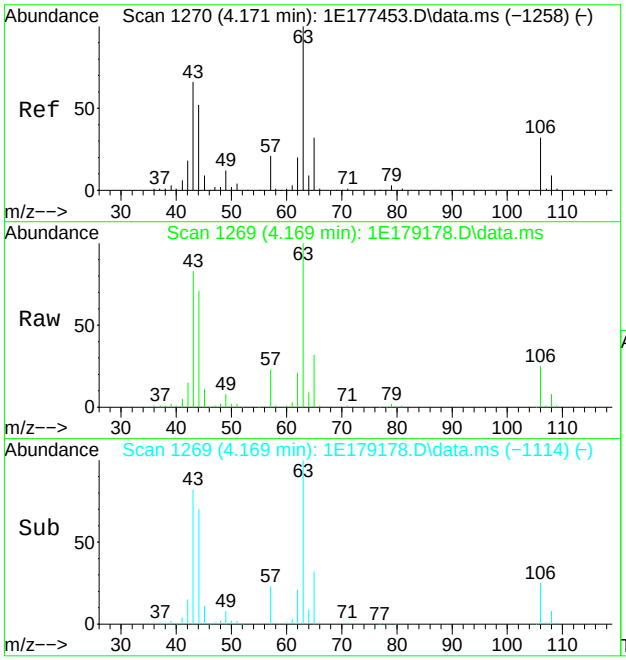


#61
2-nitropropane
Concen: 22.5735 ug/L
RT: 4.564 min Scan# 1392
Delta R.T. 0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 41 Resp: 17019

Ion	Ratio	Lower	Upper
41	100		
43	152.1	93.3	153.3
39	31.1	9.2	69.2
46	4.2	0.0	37.8

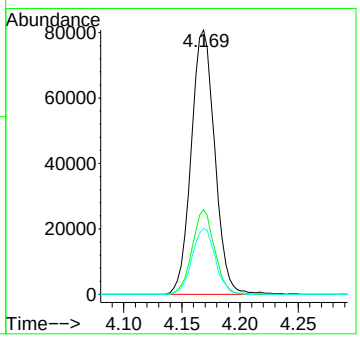


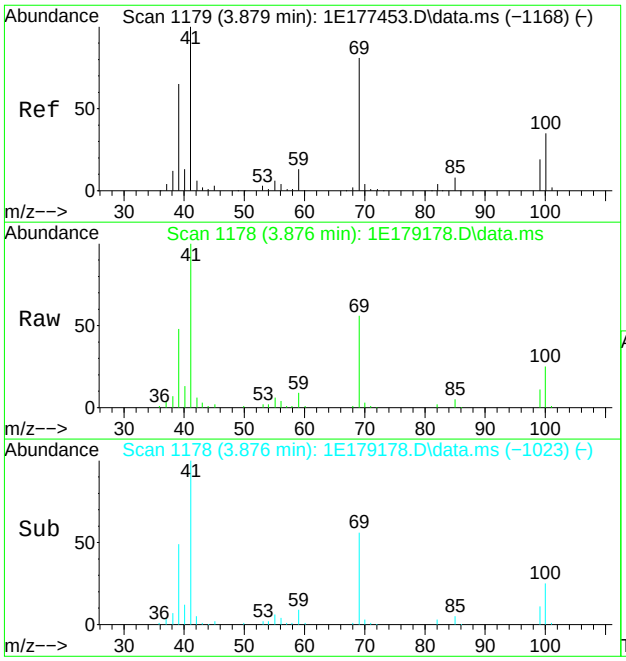


#62
2-chloroethyl vinyl ether
Concen: 135.0447 ug/L
RT: 4.169 min Scan# 1269
Delta R.T. -0.002 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 63 Resp: 113928

Ion	Ratio	Lower	Upper
63	100		
65	32.0	1.9	61.9
106	24.9	2.0	62.0

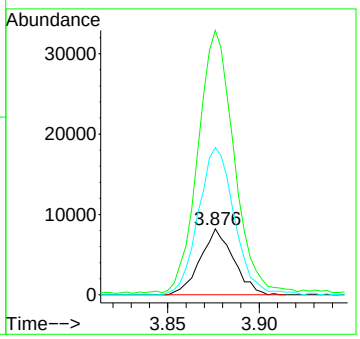


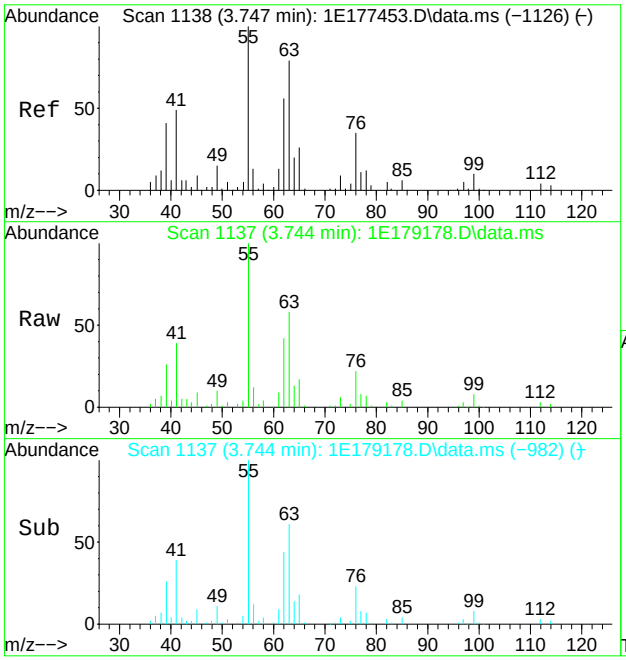


#63
methyl methacrylate
Concen: 20.0637 ug/L
RT: 3.876 min Scan# 1178
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:100 Resp: 10454

Ion	Ratio	Lower	Upper
100	100		
41	397.5	253.3	313.3#
69	222.8	198.3	258.3

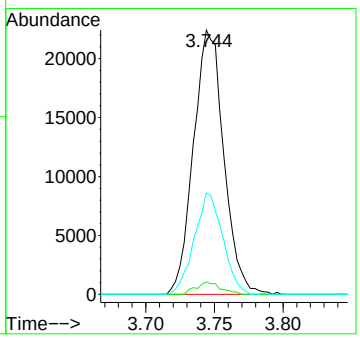


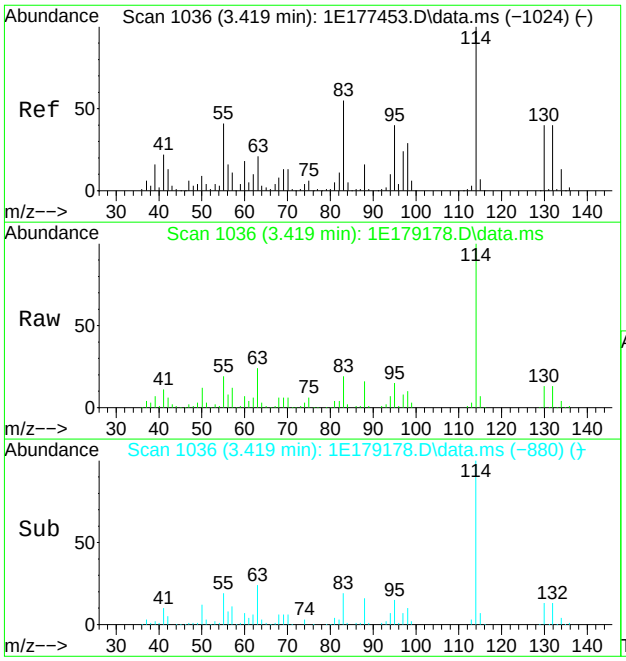


#64
1,2-dichloropropane
Concen: 26.3331 ug/L
RT: 3.744 min Scan# 1137
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 63 Resp: 34488

Ion	Ratio	Lower	Upper
63	100		
112	4.7	0.0	34.8
76	38.4	14.8	74.8

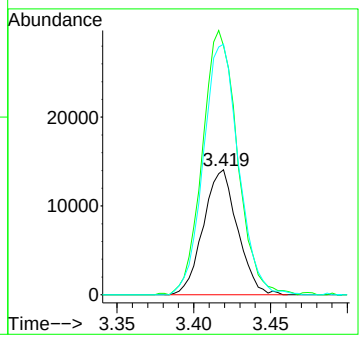


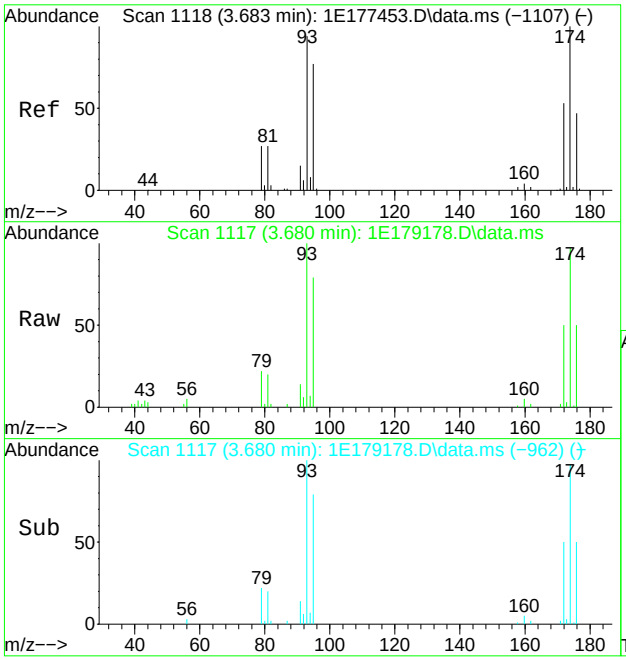


#65
methylcyclohexane
Concen: 20.0654 ug/L
RT: 3.419 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 98 Resp: 21745

Ion	Ratio	Lower	Upper
98	100		
55	198.1	109.6	169.6#
83	200.4	187.2	187.2#

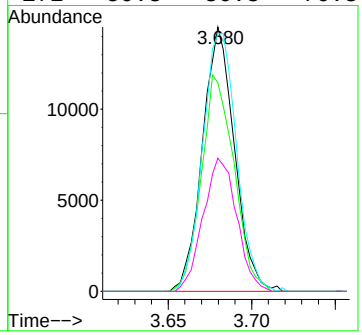


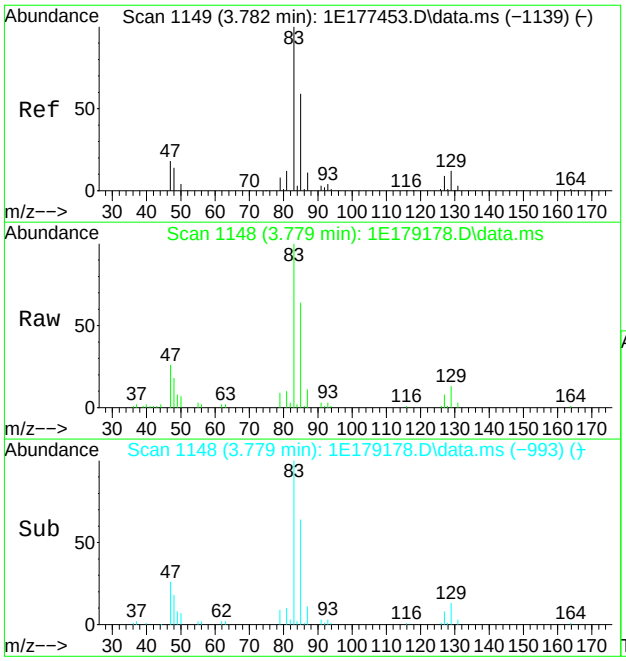


#66
dibromomethane
Concen: 20.0033 ug/L
RT: 3.680 min Scan# 1117
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 93 Resp: 19384

Ion	Ratio	Lower	Upper
93	100		
95	78.8	51.7	111.7
174	97.3	76.6	136.6
172	50.3	36.3	76.3

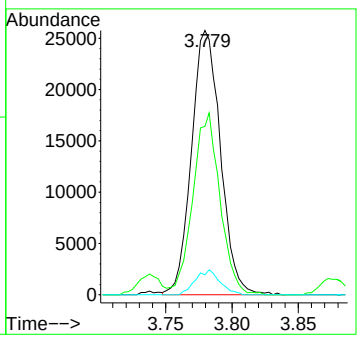


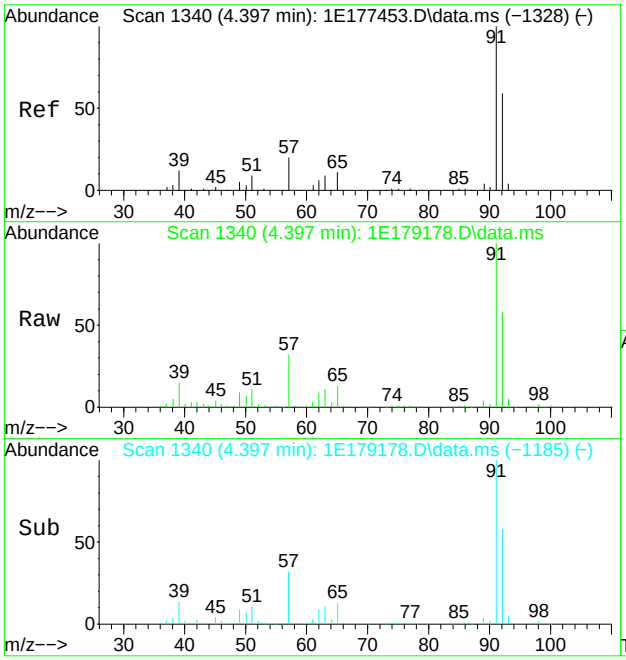


#67
bromodichloromethane
Concen: 20.4186 ug/L
RT: 3.779 min Scan# 1148
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 83 Resp: 39230

Ion	Ratio	Lower	Upper
83	100		
85	63.7	33.0	93.0
127	7.6	0.0	38.8

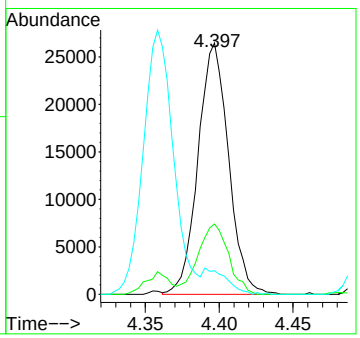


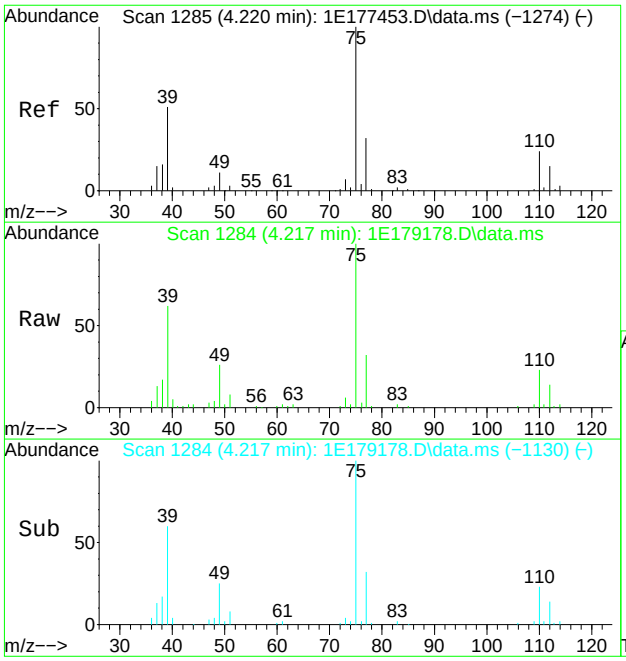


#68
epichlorohydrin
Concen: 162.5015 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 57 Resp: 37930

Ion	Ratio	Lower	Upper
57	100		
49	27.9	8.6	48.6
42	9.3	0.0	30.2

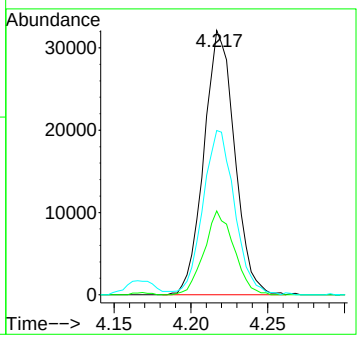


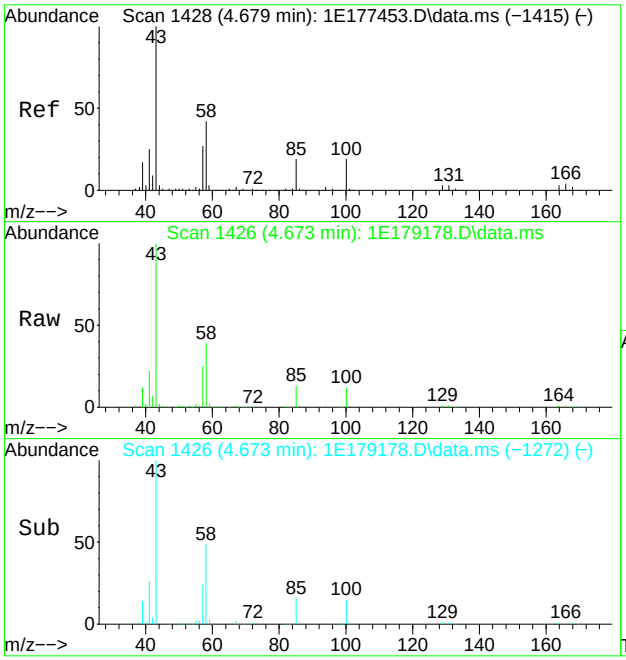


#69
cis-1,3-dichloropropene
Concen: 19.8564 ug/L
RT: 4.217 min Scan# 1284
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 75 Resp: 44770

Ion	Ratio	Lower	Upper
75	100		
77	31.7	2.1	62.1
39	61.4	23.0	83.0

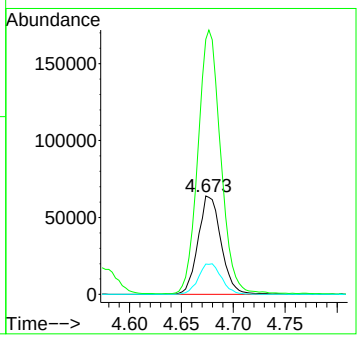


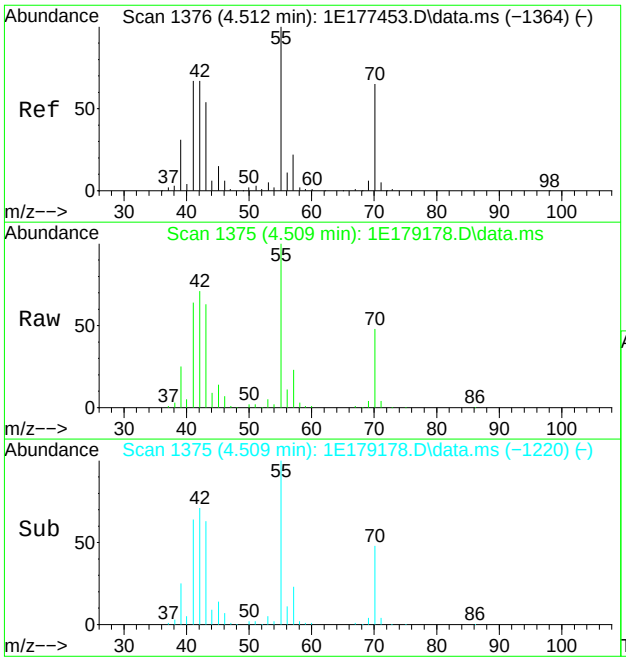


#70
4-methyl-2-pentanone
Concen: 127.7609 ug/L
RT: 4.673 min Scan# 1426
Delta R.T. -0.006 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 58 Resp: 99504

Ion	Ratio	Lower	Upper
58	100		
43	258.8	210.4	270.4
100	30.9	14.6	74.6

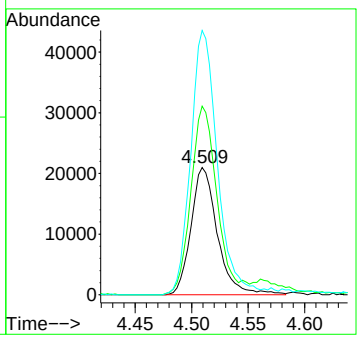


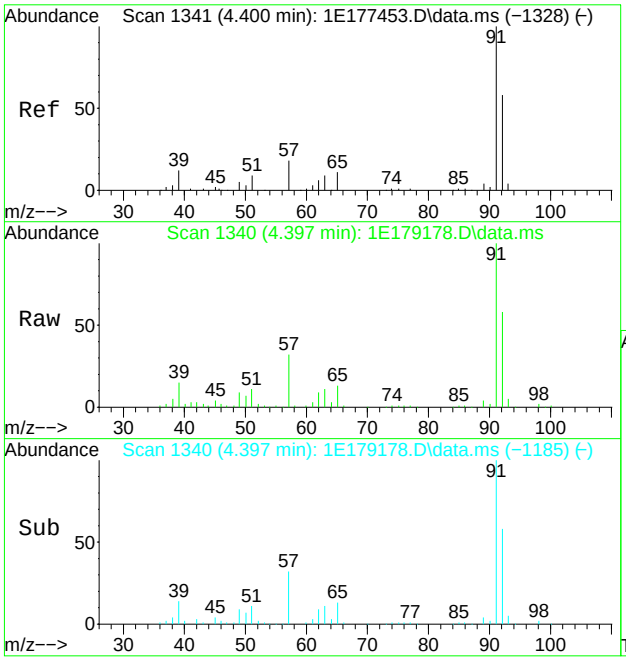


#71
3-methyl-1-butanol
Concen: 595.6357 ug/L
RT: 4.509 min Scan# 1375
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 70 Resp: 34158

Ion	Ratio	Lower	Upper
70	100		
42	148.1	73.1	133.1#
55	207.6	123.9	183.9#

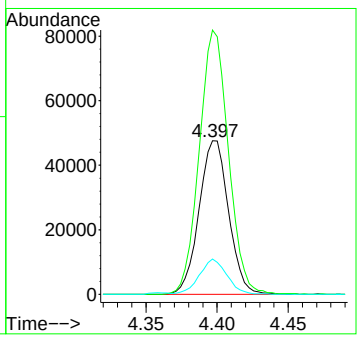


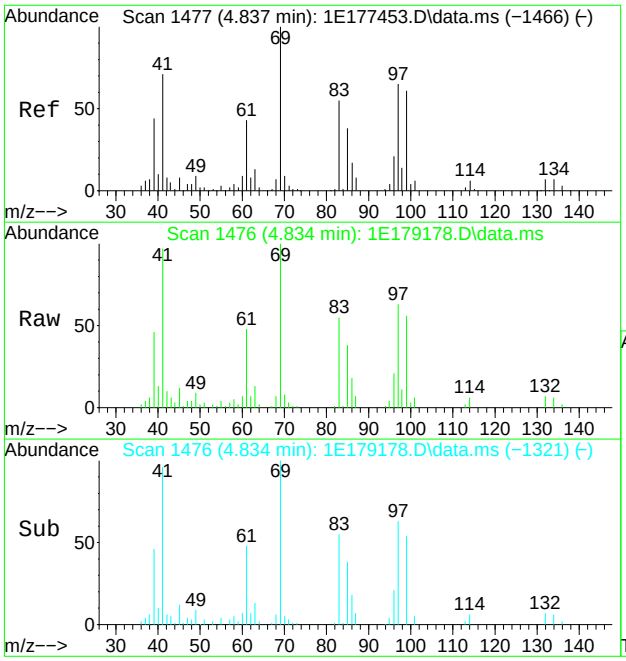


#74
toluene
Concen: 21.2264 ug/L
RT: 4.397 min Scan# 1340
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 92 Resp: 68914

Ion	Ratio	Lower	Upper
92	100		
91	172.1	151.4	191.4
65	23.1	0.0	39.2

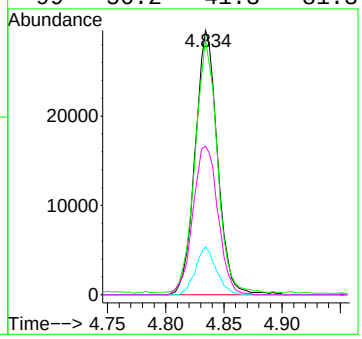


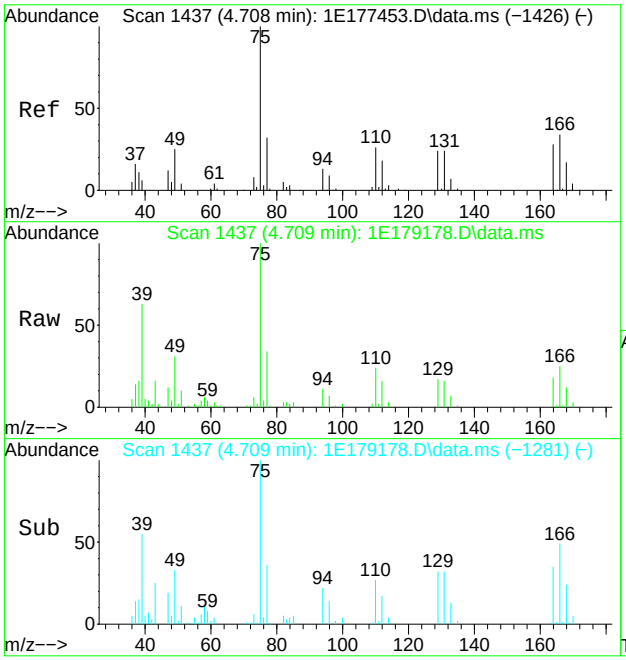


#75
ethyl methacrylate
Concen: 20.6602 ug/L
RT: 4.834 min Scan# 1476
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 69 Resp: 39655

Ion	Ratio	Lower	Upper
69	100		
41	95.5	51.1	91.1#
86	18.2	0.0	36.7
99	56.2	41.3	81.3

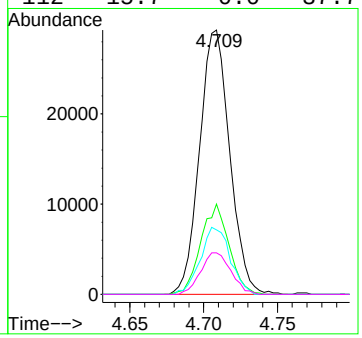


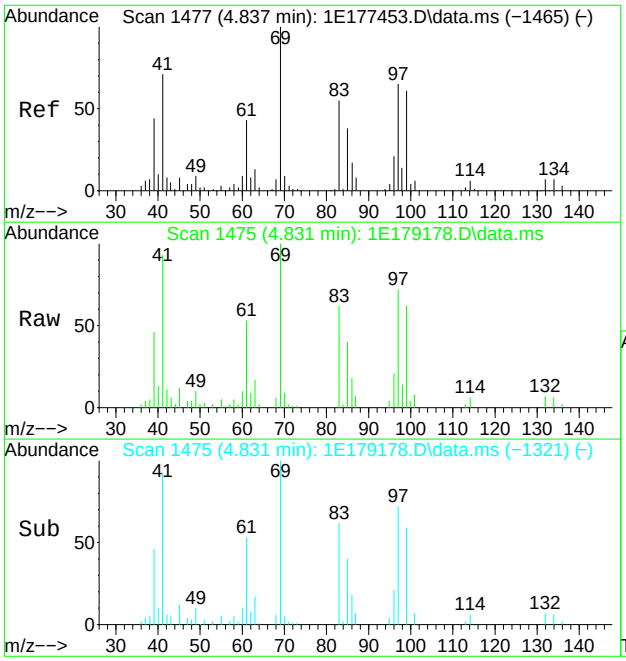


#76
trans-1,3-dichloropropene
Concen: 19.5658 ug/L
RT: 4.709 min Scan# 1437
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 75 Resp: 41592

Ion	Ratio	Lower	Upper
75	100		
77	34.2	12.4	52.4
110	24.3	6.3	46.3
112	15.7	0.0	37.7

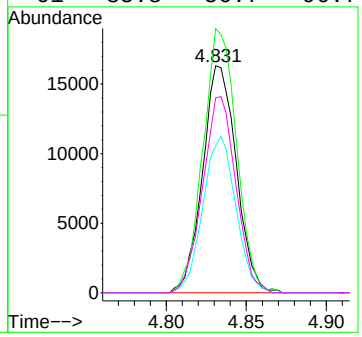


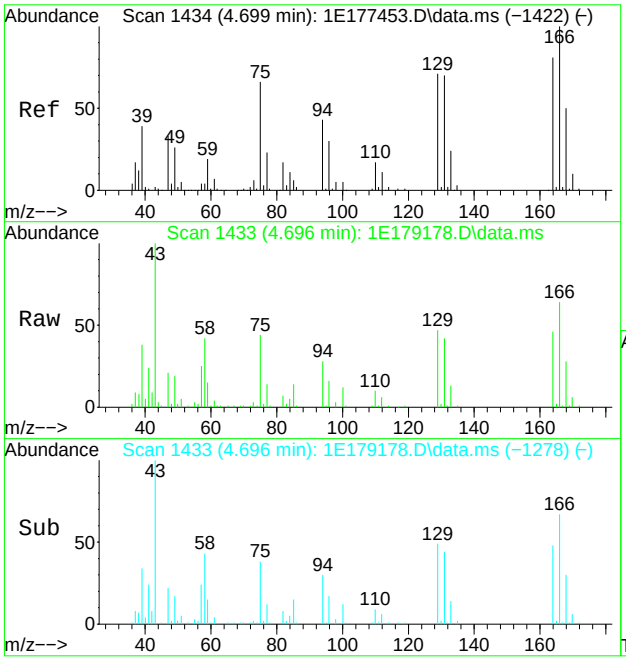


#77
1,1,2-trichloroethane
Concen: 21.2427 ug/L
RT: 4.831 min Scan# 1475
Delta R.T. -0.006 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 83 Resp: 23917

Ion	Ratio	Lower	Upper
83	100		
97	116.4	97.4	137.4
85	64.8	48.3	88.3
61	85.8	56.7	96.7

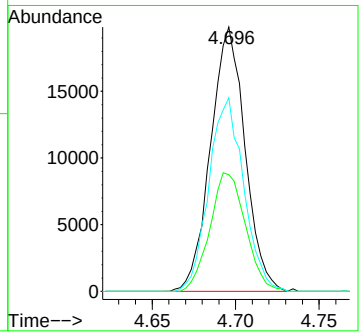


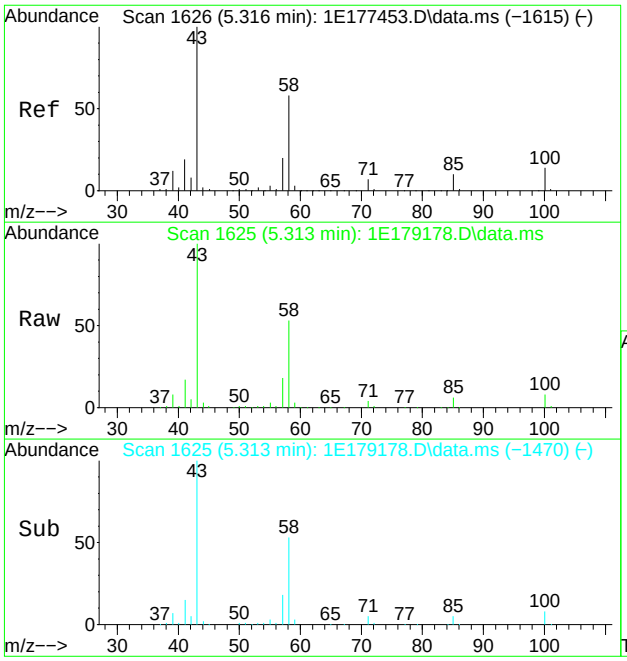


#78
tetrachloroethene
Concen: 18.5330 ug/L
RT: 4.696 min Scan# 1433
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:166 Resp: 28467

Ion	Ratio	Lower	Upper
166	100		
168	44.1	20.1	80.1
129	73.3	41.0	101.0

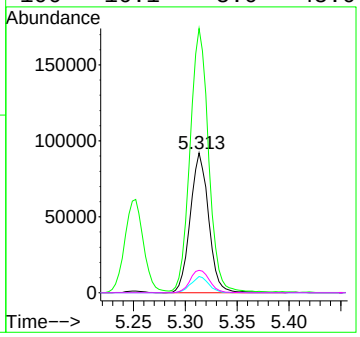


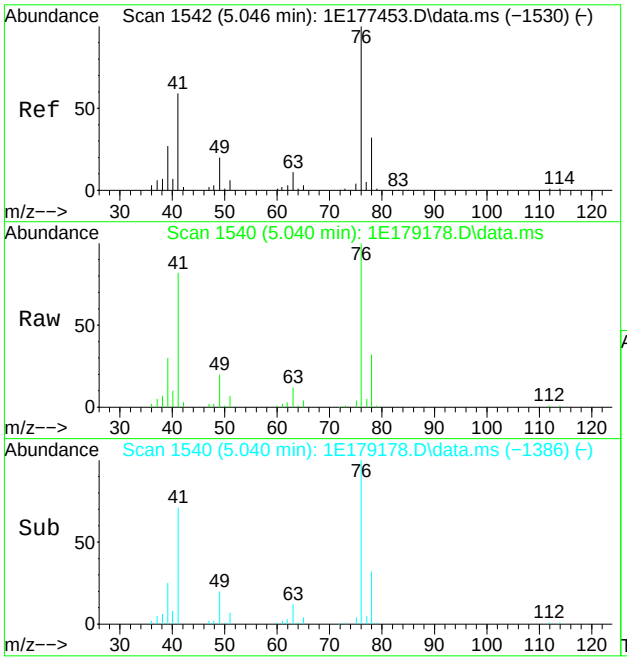


#79
2-hexanone
Concen: 121.4883 ug/L
RT: 5.313 min Scan# 1625
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 58 Resp: 113703

Ion	Ratio	Lower	Upper
58	100		
43	188.5	153.6	193.6
85	11.7	0.0	37.1
100	16.1	5.0	45.0

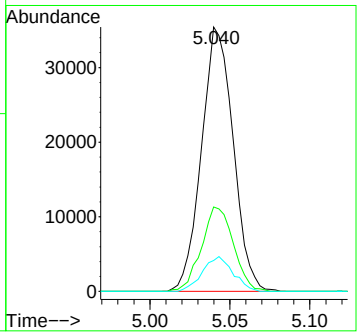


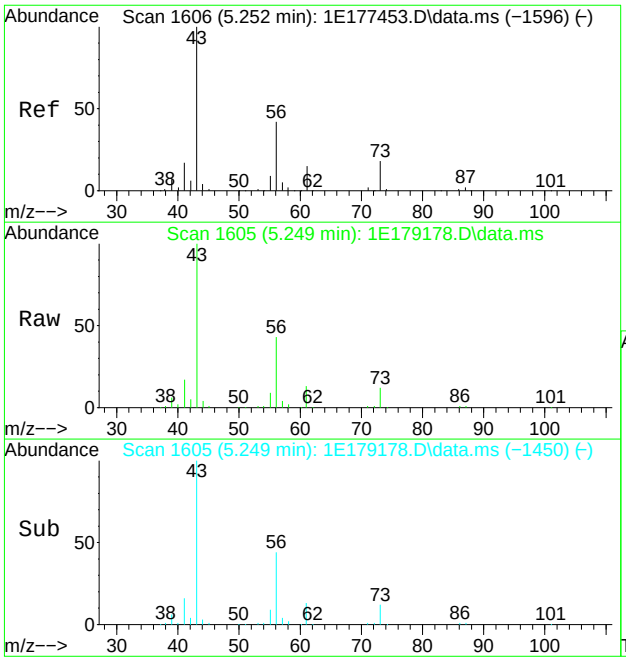


#80
1,3-dichloropropane
Concen: 22.3082 ug/L
RT: 5.040 min Scan# 1540
Delta R.T. -0.006 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 76 Resp: 48834

Ion	Ratio	Lower	Upper
76	100		
78	31.9	2.4	62.4
63	11.7	0.0	41.1

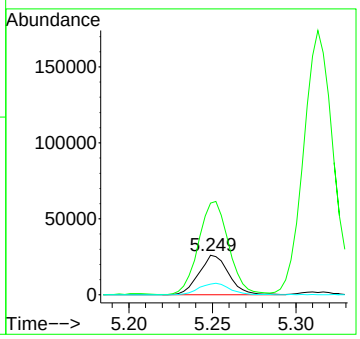


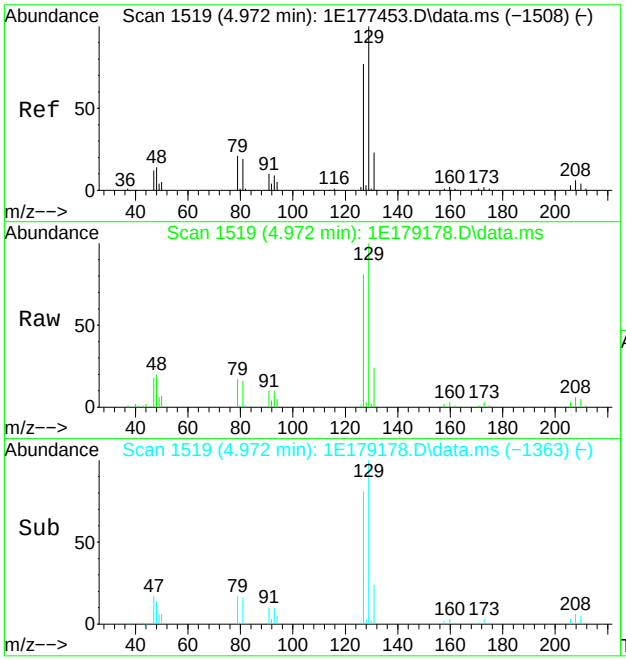


#81
butyl acetate
Concen: 28.9964 ug/L
RT: 5.249 min Scan# 1605
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 56 Resp: 32526

Ion	Ratio	Lower	Upper
56	100		
43	230.3	205.8	265.8
73	27.3	13.1	73.1

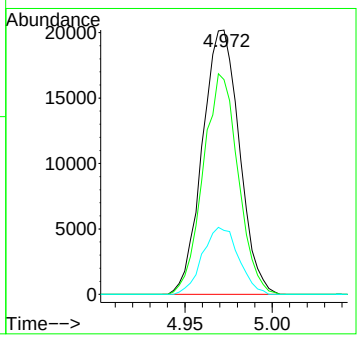


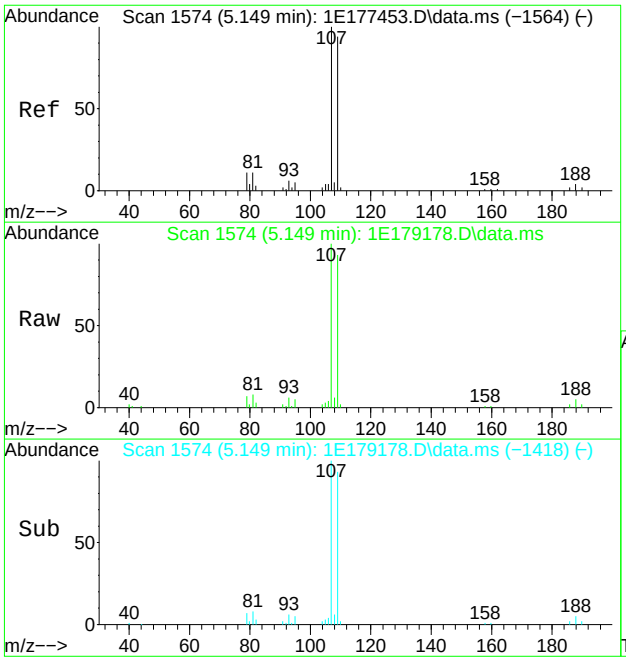


#82
dibromochloromethane
Concen: 17.7602 ug/L
RT: 4.972 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:129 Resp: 29792

Ion	Ratio	Lower	Upper
129	100		
127	81.2	47.3	107.3
131	24.2	0.0	52.9

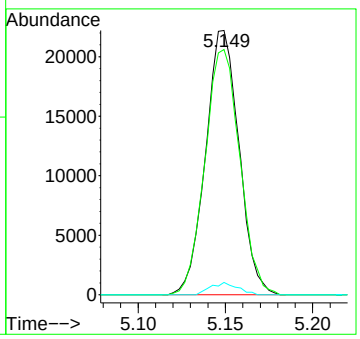


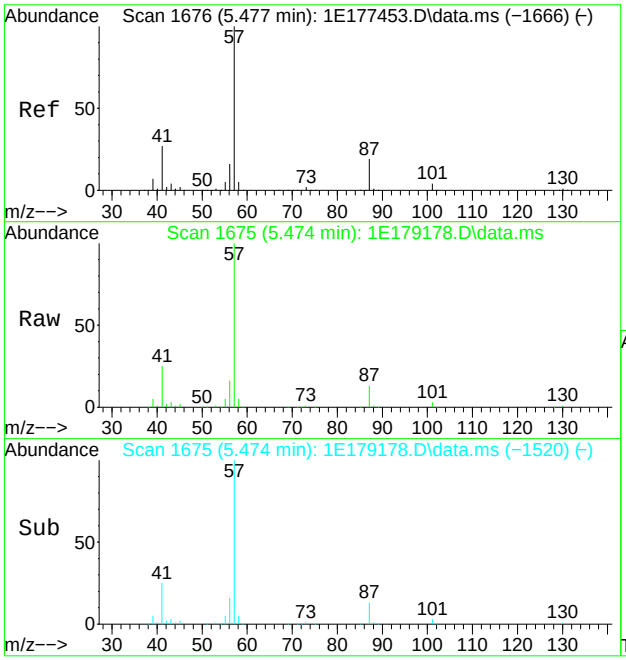


#83
1,2-dibromoethane
Concen: 20.2256 ug/L
RT: 5.149 min Scan# 1574
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:107 Resp: 29562

Ion	Ratio	Lower	Upper
107	100		
109	92.8	63.9	123.9
188	4.7	0.0	34.1

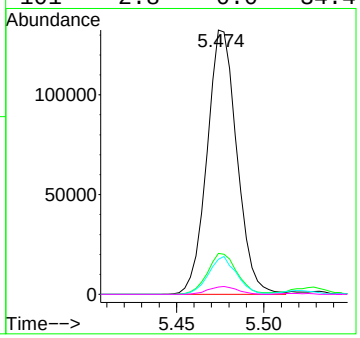


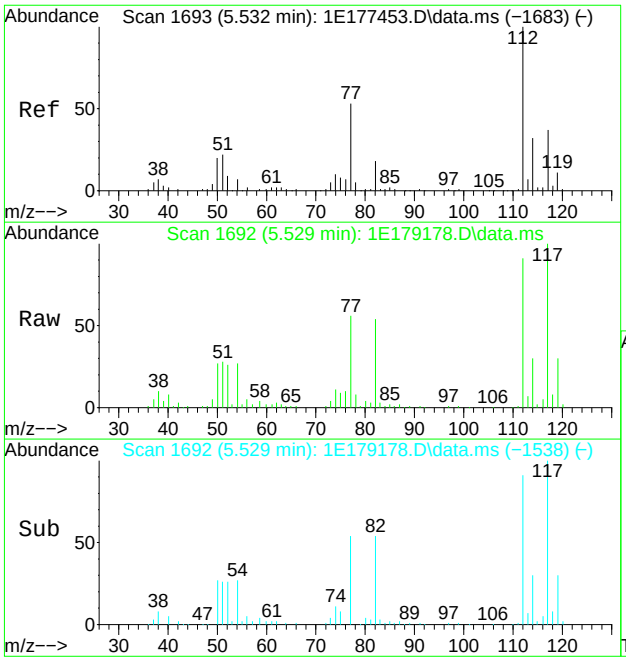


#84
n-butyl ether
Concen: 29.4824 ug/L
RT: 5.474 min Scan# 1675
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 57 Resp: 157671

Ion	Ratio	Lower	Upper
57	100		
56	15.5	0.0	45.9
87	13.3	0.0	49.2
101	2.8	0.0	34.4

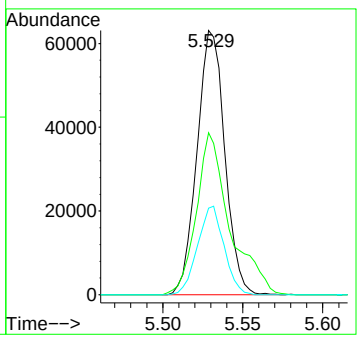


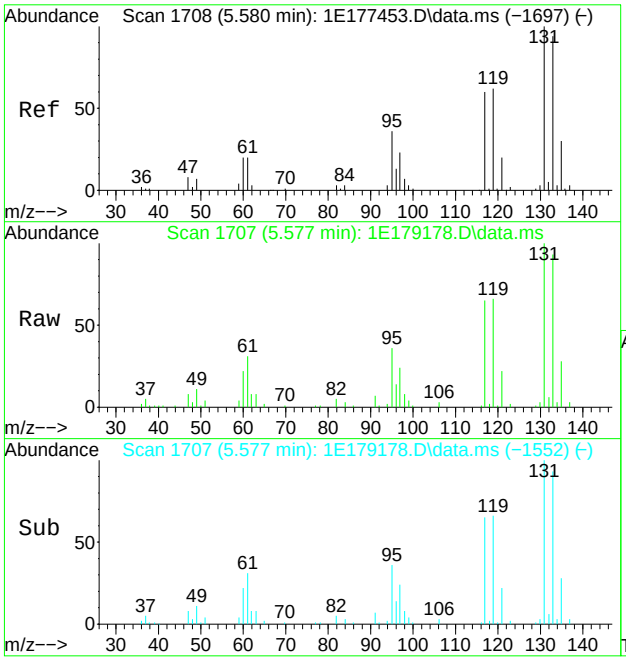


#85
chlorobenzene
Concen: 20.1050 ug/L
RT: 5.529 min Scan# 1692
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:112 Resp: 76258

Ion	Ratio	Lower	Upper
112	100		
77	61.2	23.2	83.2
114	32.7	2.3	62.3

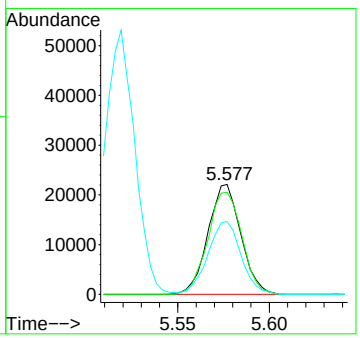


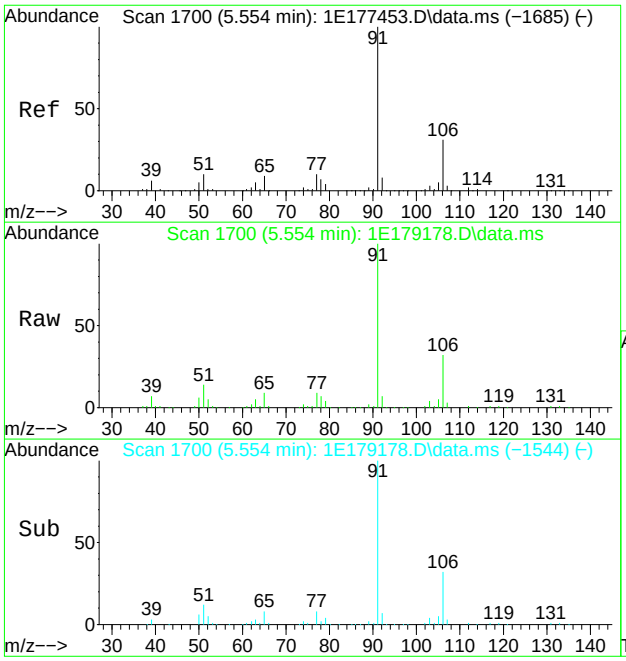


#86
1,1,1,2-tetrachloroethane
Concen: 18.8677 ug/L
RT: 5.577 min Scan# 1707
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:131 Resp: 27732

Ion	Ratio	Lower	Upper
131	100		
133	92.7	64.5	124.5
119	66.2	33.5	93.5

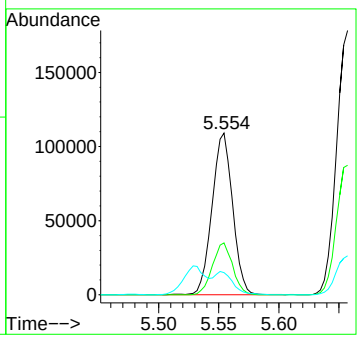


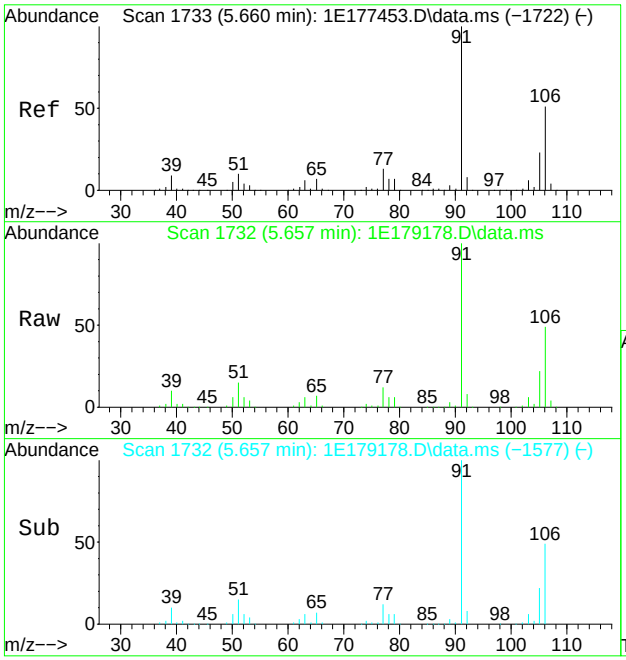


#87
ethylbenzene
Concen: 20.8403 ug/L
RT: 5.554 min Scan# 1700
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 91 Resp: 130271

Ion	Ratio	Lower	Upper
91	100		
106	32.0	1.0	61.0
51	13.6	0.0	40.1

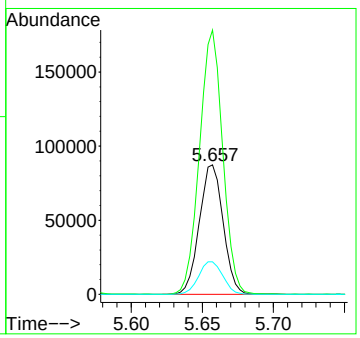


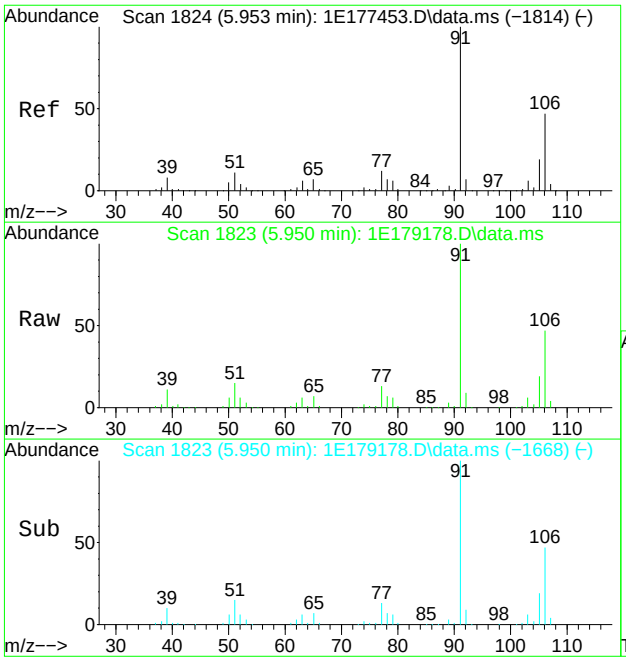


#88
m,p-xylene
Concen: 41.5147 ug/L
RT: 5.657 min Scan# 1732
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:106 Resp: 101807

Ion	Ratio	Lower	Upper
106	100		
91	204.2	166.4	226.4
77	25.2	5.3	45.3

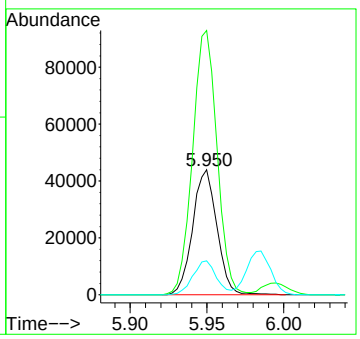


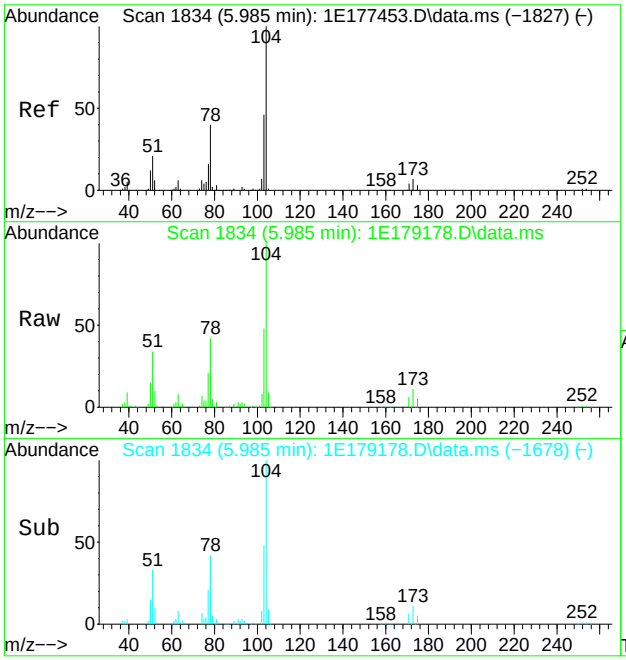


#89
o-xylene
Concen: 19.9573 ug/L
RT: 5.950 min Scan# 1823
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:106 Resp: 48448

Ion	Ratio	Lower	Upper
106	100		
91	211.7	184.0	244.0
77	27.2	6.6	46.6

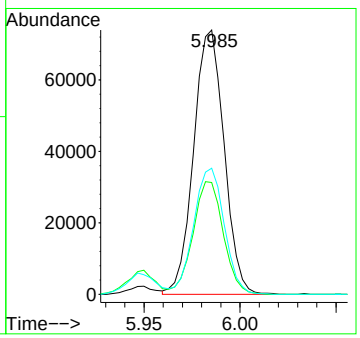


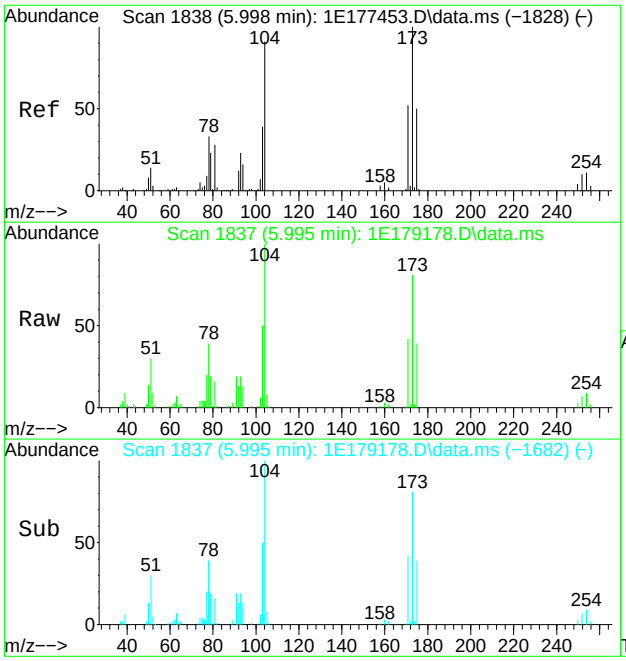


#90
styrene
Concen: 20.1312 ug/L
RT: 5.985 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:104 Resp: 81772

Ion	Ratio	Lower	Upper
104	100		
78	42.3	12.2	72.2
103	47.7	18.0	78.0

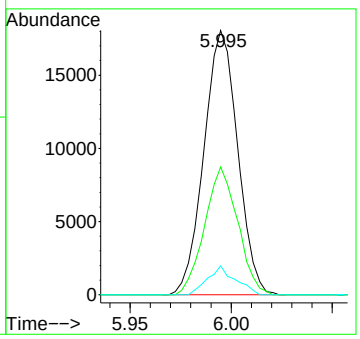


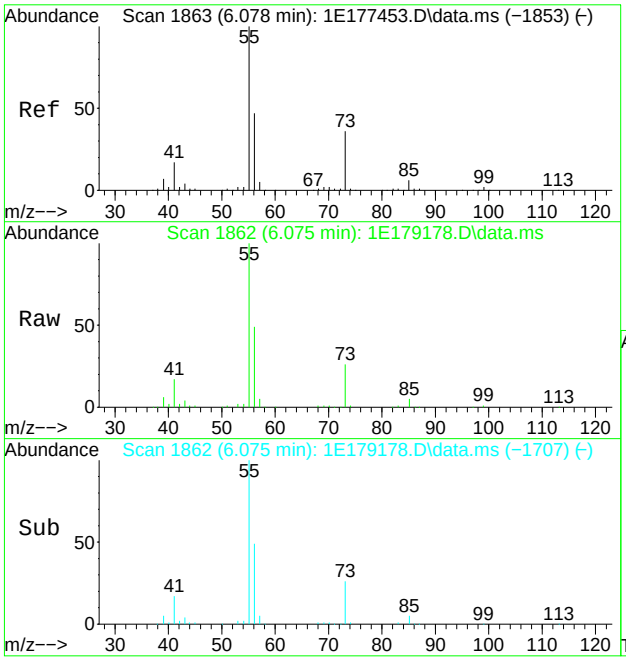


#91
bromoform
Concen: 17.0887 ug/L
RT: 5.995 min Scan# 1837
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:173 Resp: 20946

Ion	Ratio	Lower	Upper
173	100		
175	48.4	20.2	80.2
254	11.0	0.0	40.9

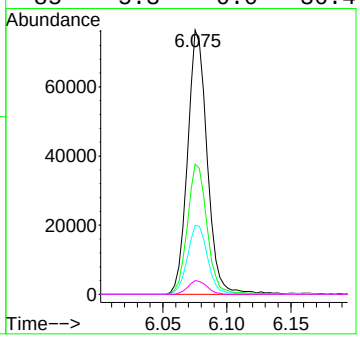


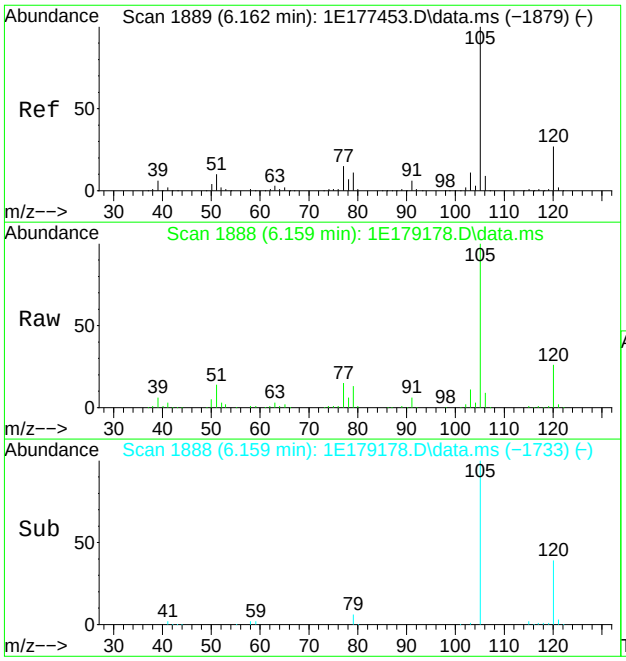


#92
butyl acrylate
Concen: 27.1453 ug/L
RT: 6.075 min Scan# 1862
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 55 Resp: 81741

Ion	Ratio	Lower	Upper
55	100		
56	49.4	17.5	77.5
73	26.1	5.8	65.8
85	5.3	0.0	36.4

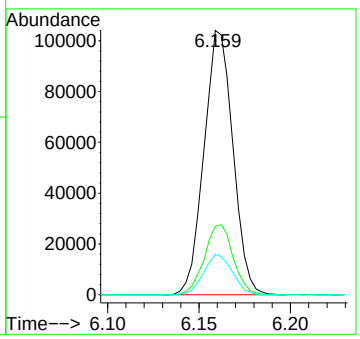


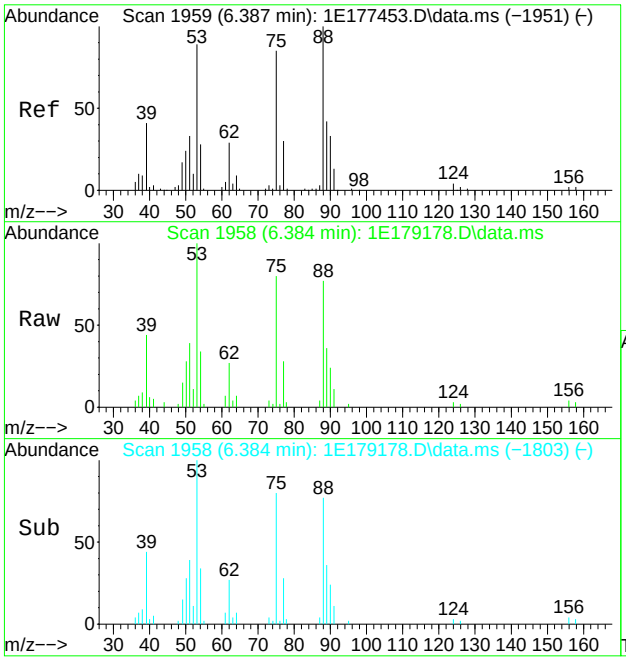


#93
isopropylbenzene
Concen: 19.5780 ug/L
RT: 6.159 min Scan# 1888
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:105 Resp: 115258

Ion	Ratio	Lower	Upper
105	100		
120	25.9	6.8	46.8
77	15.2	0.0	34.9

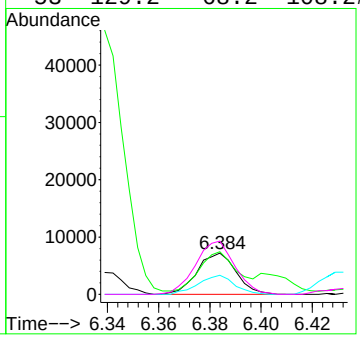




#94
cis-1,4-dichloro-2-butene
Concen: 9.1788 ug/L
RT: 6.384 min Scan# 1958
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

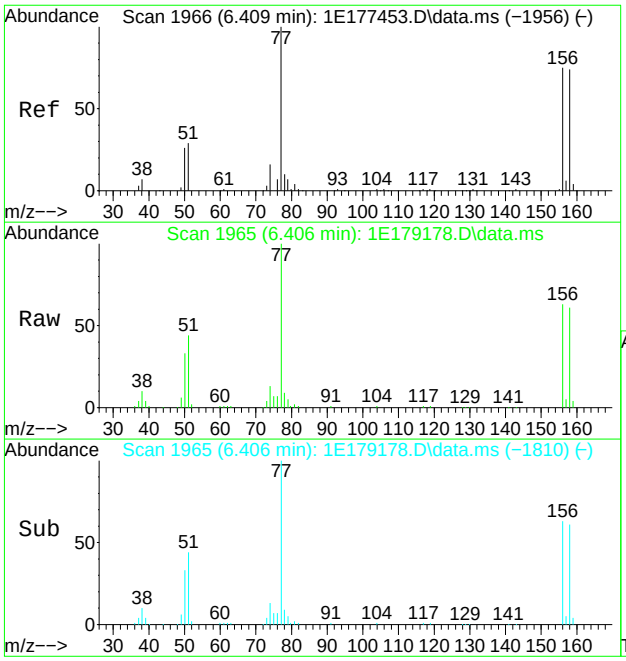
Tgt Ion: 88 Resp: 7587

Ion	Ratio	Lower	Upper
88	100		
75	95.4	64.1	104.1
89	46.3	22.2	62.2
53	129.2	68.2	108.2#



7.6.13

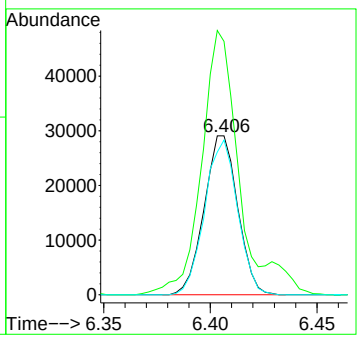
7

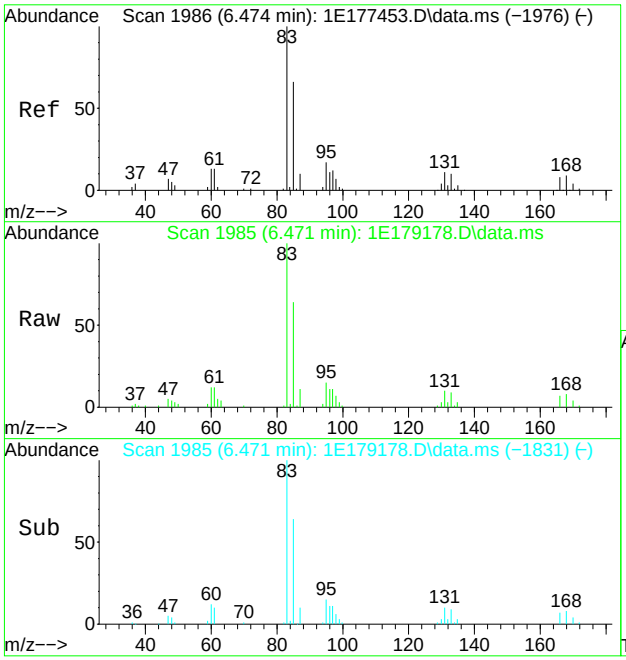


#97
bromobenzene
Concen: 20.4691 ug/L
RT: 6.406 min Scan# 1965
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:156 Resp: 31937

Ion	Ratio	Lower	Upper
156	100		
77	154.5	106.4	166.4
158	97.3	68.2	128.2

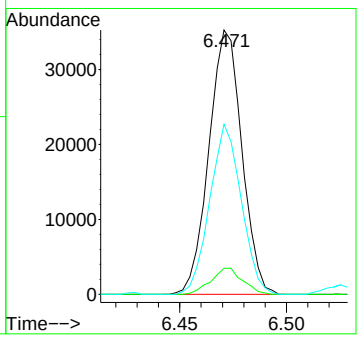




#98
1,1,2,2-tetrachloroethane
Concen: 20.2535 ug/L
RT: 6.471 min Scan# 1985
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

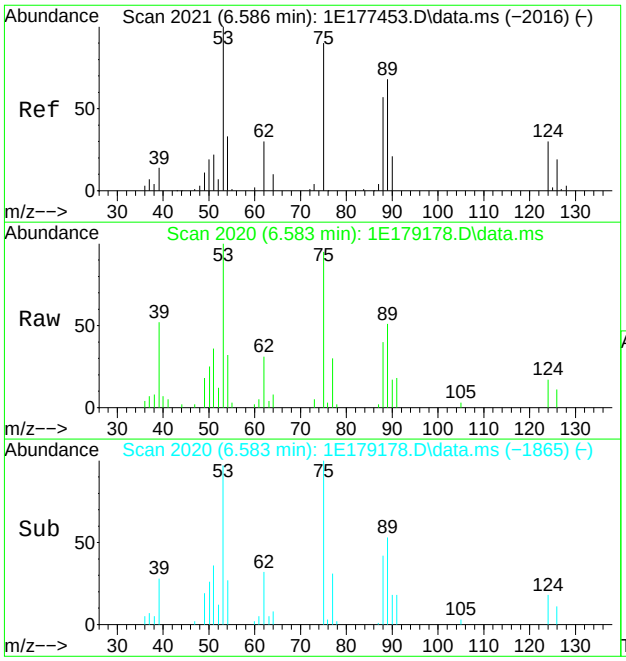
Tgt Ion: 83 Resp: 37973

Ion	Ratio	Lower	Upper
83	100		
131	9.9	0.0	41.0
85	64.4	36.4	96.4



7.6.13

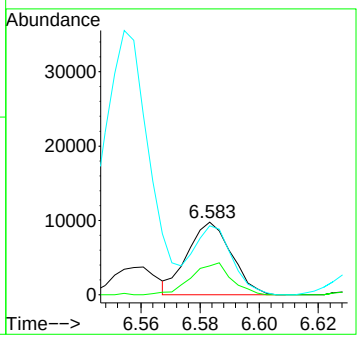
7

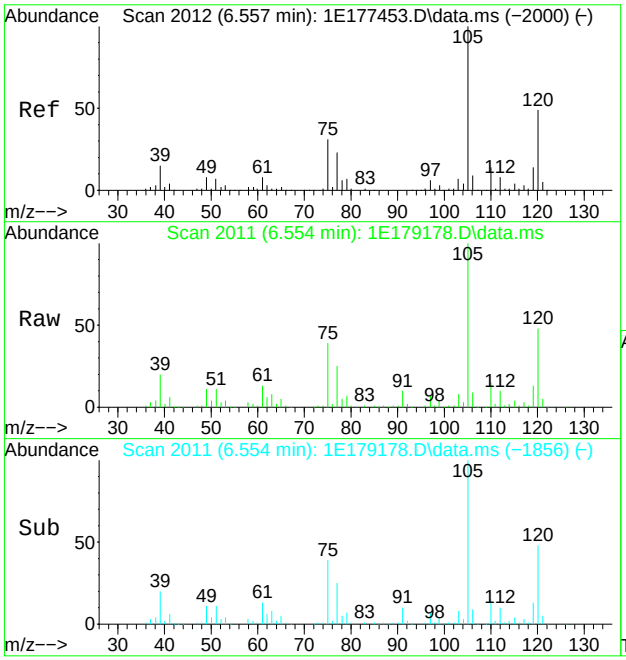


#99
trans-1,4-dichloro-2-butene
Concen: 15.6167 ug/L
RT: 6.583 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 53 Resp: 10091

Ion	Ratio	Lower	Upper
53	100		
88	39.9	22.7	82.7
75	95.0	94.8	154.8

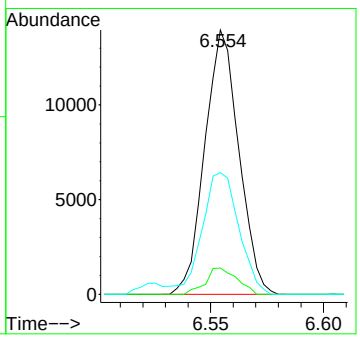


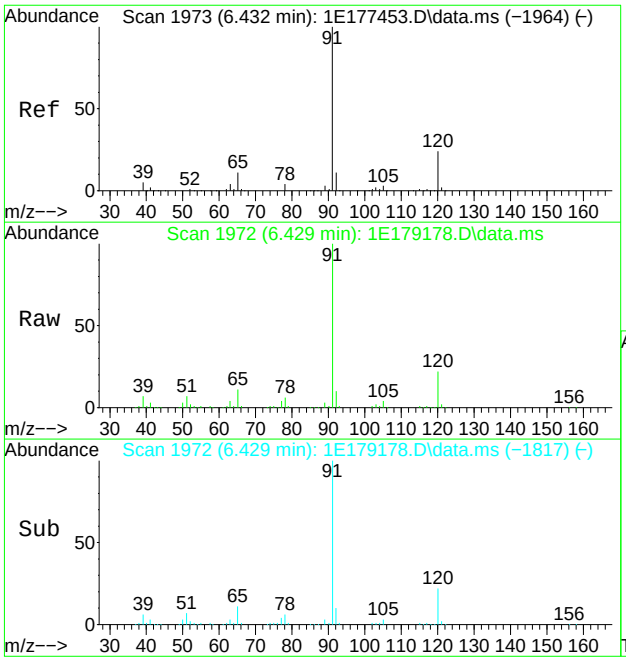


#100
1,2,3-trichloropropane
Concen: 21.0694 ug/L
RT: 6.554 min Scan# 2011
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:110 Resp: 14568

Ion	Ratio	Lower	Upper
110	100		
111	10.0	0.0	38.2
97	46.0	14.3	74.3

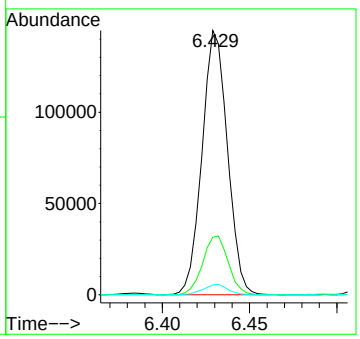


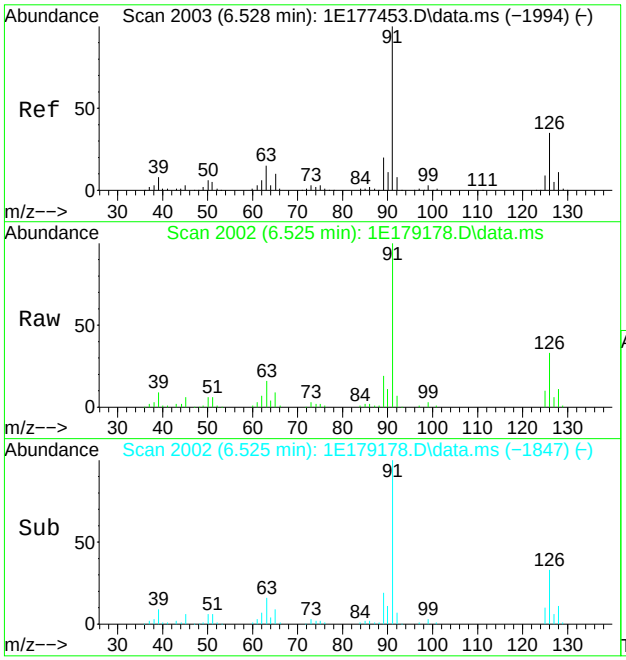


#101
n-propylbenzene
Concen: 21.2413 ug/L
RT: 6.429 min Scan# 1972
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 91 Resp: 146933

Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	53.6
105	3.7	0.0	33.5

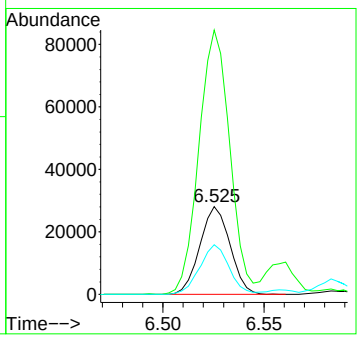


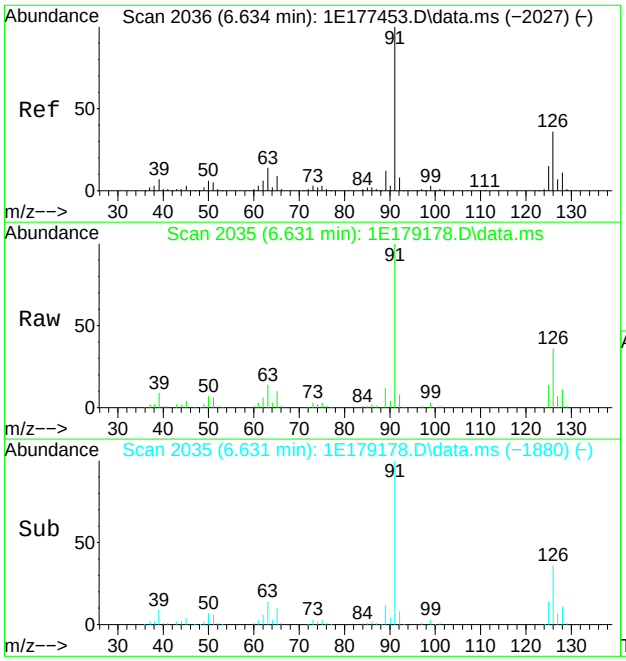


#102
2-chlorotoluene
Concen: 19.8803 ug/L
RT: 6.525 min Scan# 2002
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:126 Resp: 29105

Ion	Ratio	Lower	Upper
126	100		
91	300.9	257.7	317.7
89	56.5	26.9	86.9

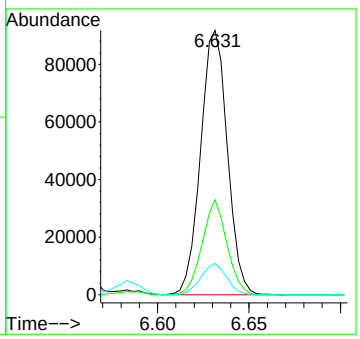


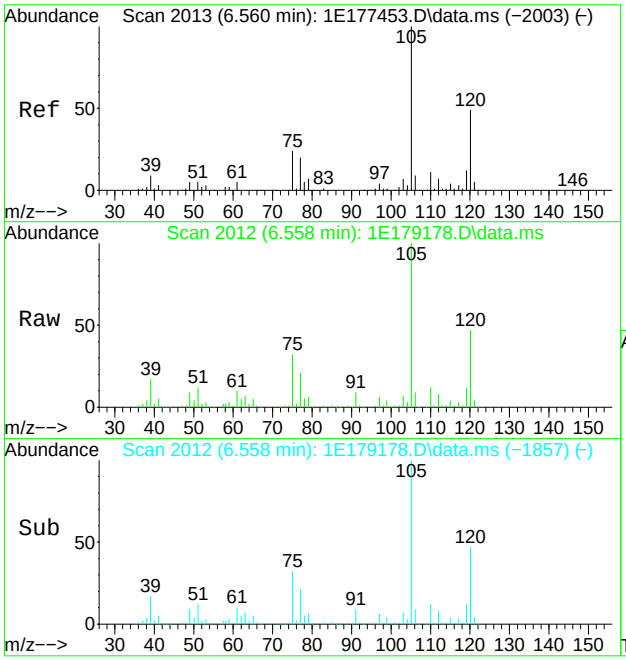


#103
4-chlorotoluene
Concen: 21.1939 ug/L
RT: 6.631 min Scan# 2035
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion: 91 Resp: 94220

Ion	Ratio	Lower	Upper
91	100		
126	35.9	5.7	65.7
89	11.9	0.0	41.7

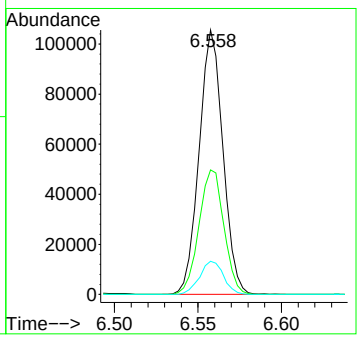


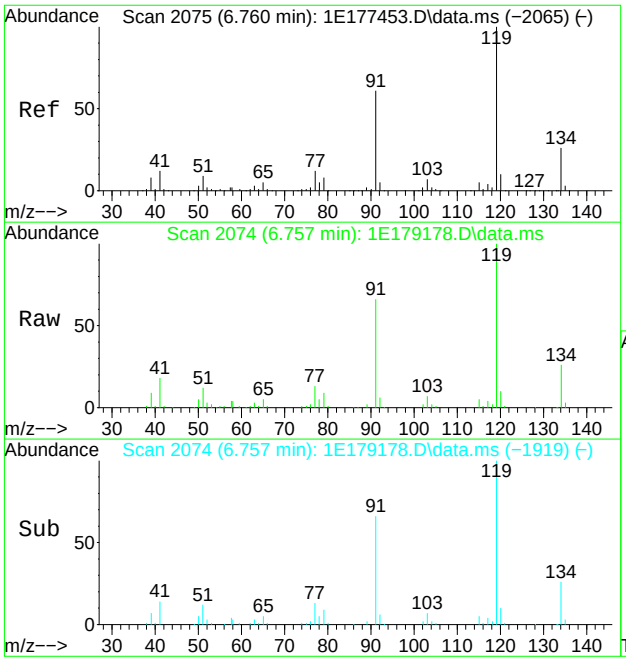


#104
1,3,5-trimethylbenzene
Concen: 20.8570 ug/L
RT: 6.558 min Scan# 2012
Delta R.T. -0.002 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:105 Resp: 104585

Ion	Ratio	Lower	Upper
105	100		
120	47.1	18.8	78.8
119	12.5	0.0	42.5

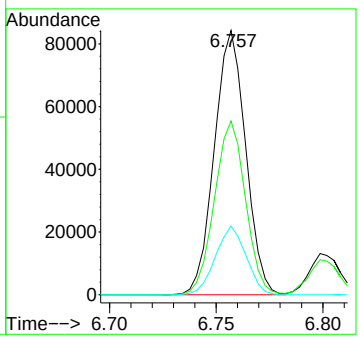


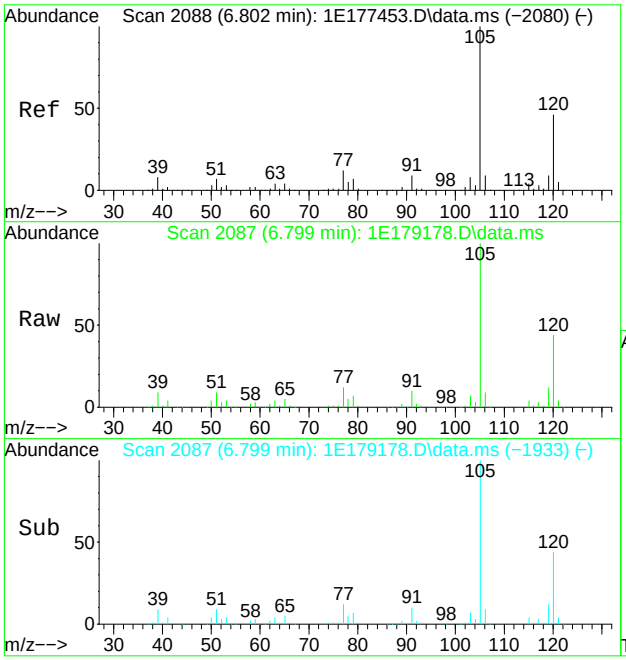


#105
tert-butylbenzene
Concen: 19.9850 ug/L
RT: 6.757 min Scan# 2074
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:119 Resp: 86310

Ion	Ratio	Lower	Upper
119	100		
91	65.8	30.8	90.8
134	26.0	0.0	55.6

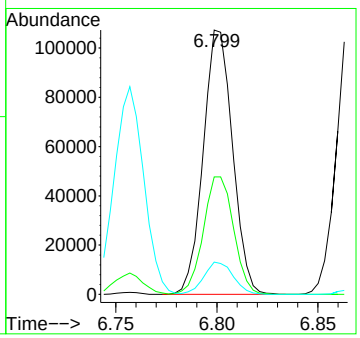


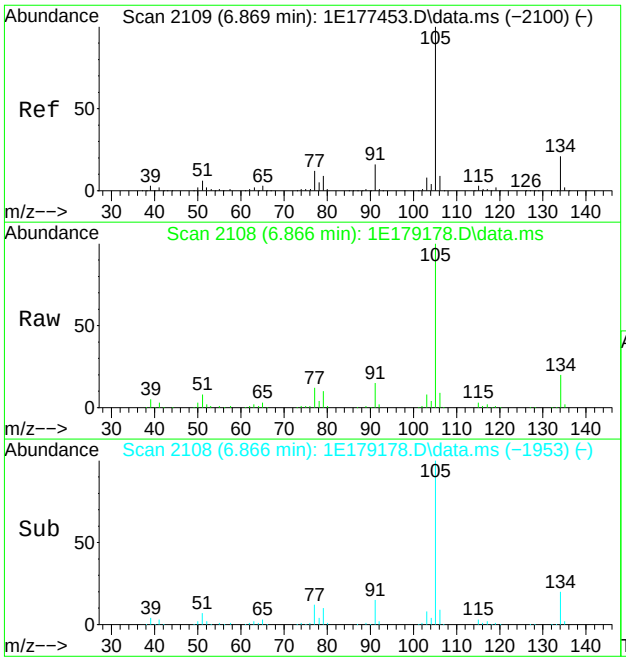


#106
1,2,4-trimethylbenzene
Concen: 20.9569 ug/L
RT: 6.799 min Scan# 2087
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:105 Resp: 108258

Ion	Ratio	Lower	Upper
105	100		
120	44.4	16.7	76.7
119	12.2	0.0	42.3

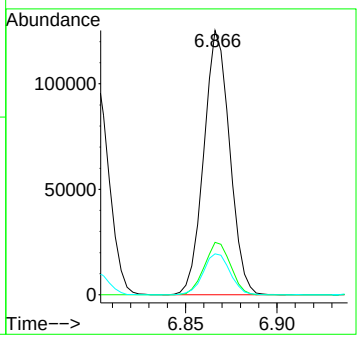


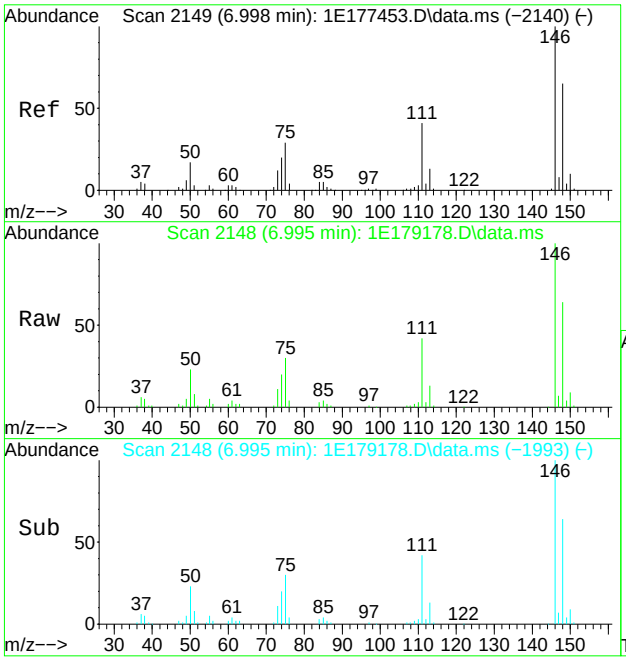


#107
sec-butylbenzene
Concen: 20.4463 ug/L
RT: 6.866 min Scan# 2108
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:105 Resp: 124121

Ion	Ratio	Lower	Upper
105	100		
134	19.9	0.0	51.2
91	15.5	0.0	46.0

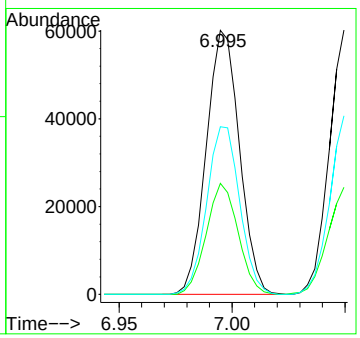


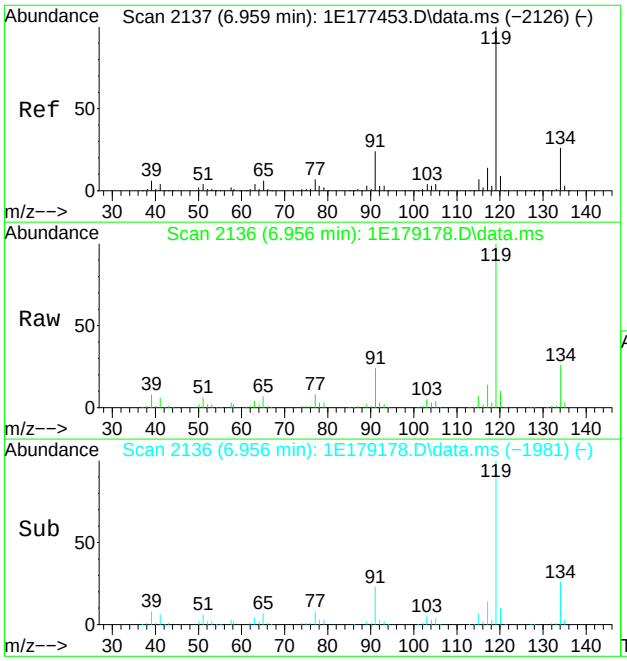


#108
1,3-dichlorobenzene
Concen: 20.4818 ug/L
RT: 6.995 min Scan# 2148
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:146 Resp: 61236

Ion	Ratio	Lower	Upper
146	100		
111	42.1	11.3	71.3
148	63.5	34.9	94.9

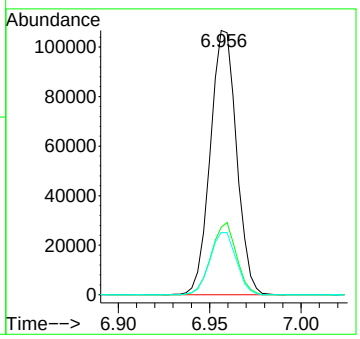


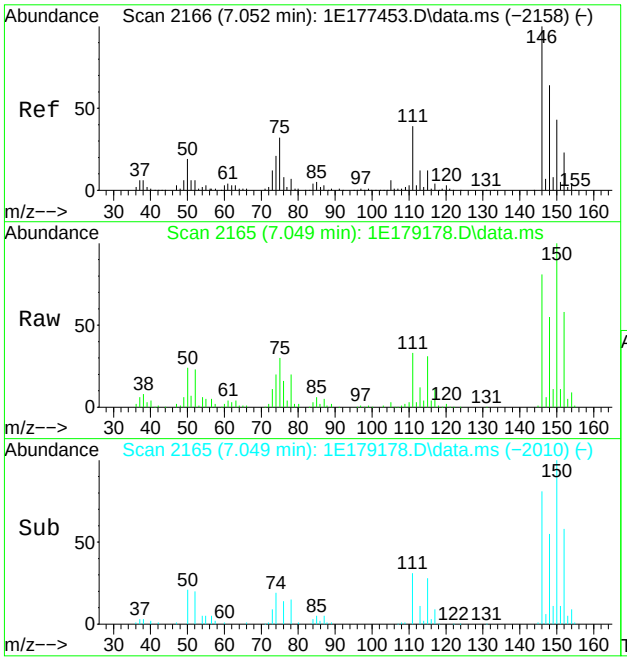


#109
p-isopropyltoluene
Concen: 20.5323 ug/L
RT: 6.956 min Scan# 2136
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:119 Resp: 106303

Ion	Ratio	Lower	Upper
119	100		
134	25.6	0.0	56.2
91	23.6	0.0	53.6

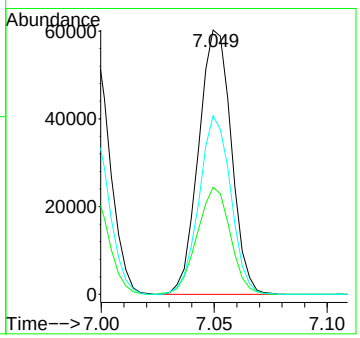


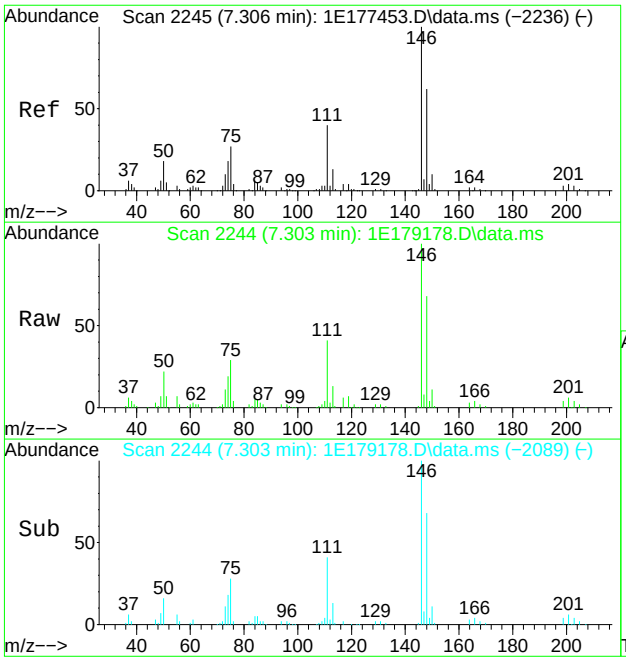


#110
1,4-dichlorobenzene
Concen: 18.9954 ug/L
RT: 7.049 min Scan# 2165
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:146 Resp: 60493

Ion	Ratio	Lower	Upper
146	100		
111	40.5	9.4	69.4
148	67.5	34.4	94.4

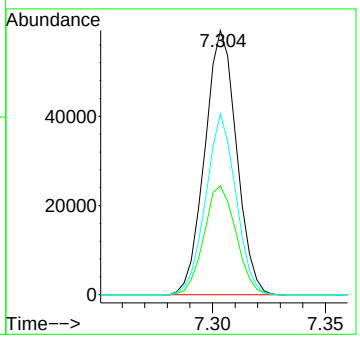


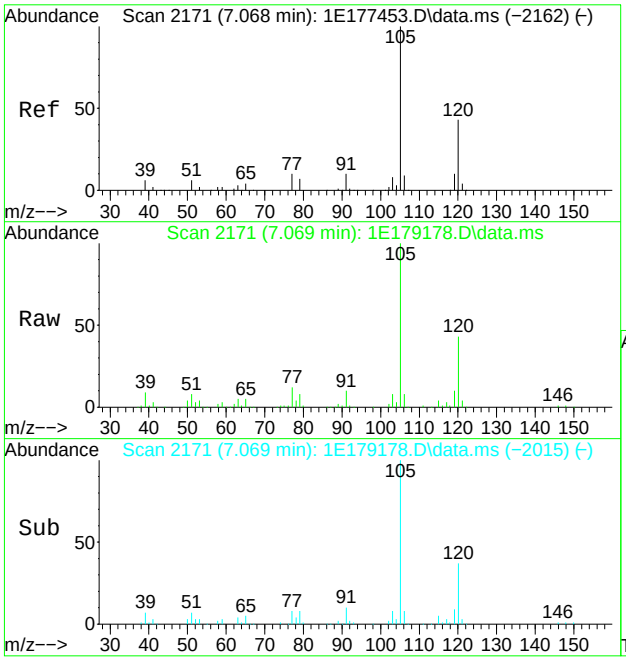


#111
1,2-dichlorobenzene
Concen: 19.4127 ug/L
RT: 7.303 min Scan# 2244
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:146 Resp: 57794

Ion	Ratio	Lower	Upper
146	100		
111	41.3	10.1	70.1
148	68.4	31.9	91.9

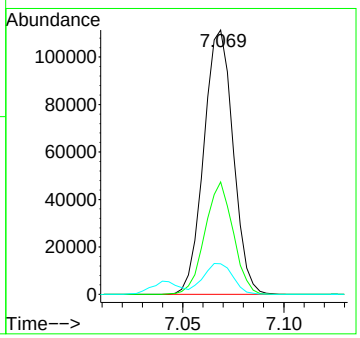


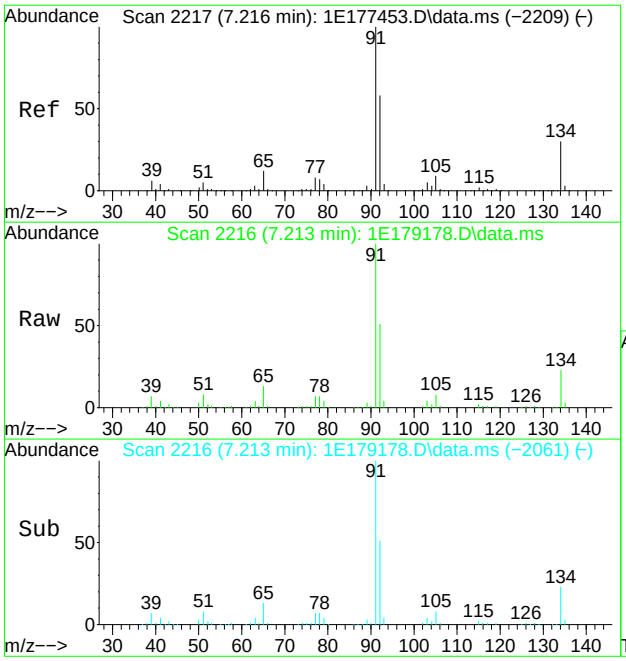


#112
1,2,3-trimethylbenzene
Concen: 21.1261 ug/L
RT: 7.069 min Scan# 2171
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:105 Resp: 112584

Ion	Ratio	Lower	Upper
105	100		
120	42.6	13.3	73.3
77	11.6	0.0	41.9

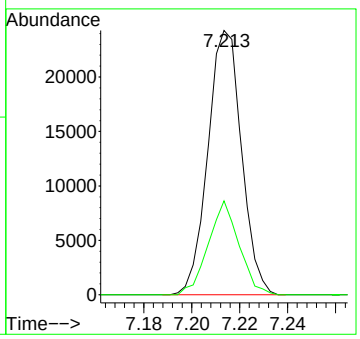


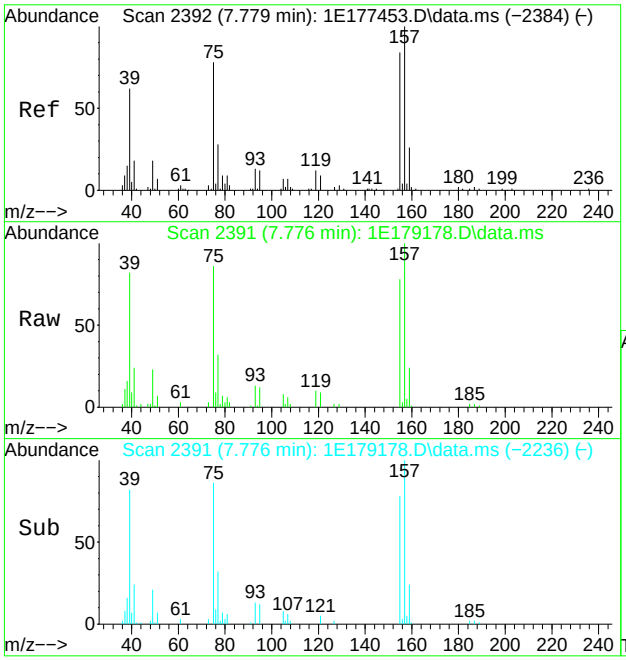


#113
n-butylbenzene
Concen: 19.0528 ug/L
RT: 7.213 min Scan# 2216
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:134 Resp: 23638

Ion	Ratio	Lower	Upper
134	100		
105	35.5	0.7	60.7

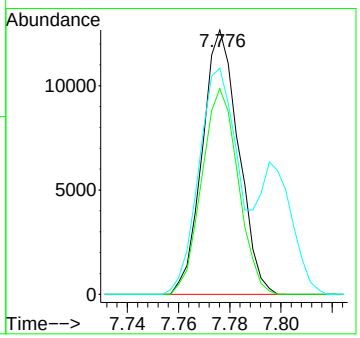


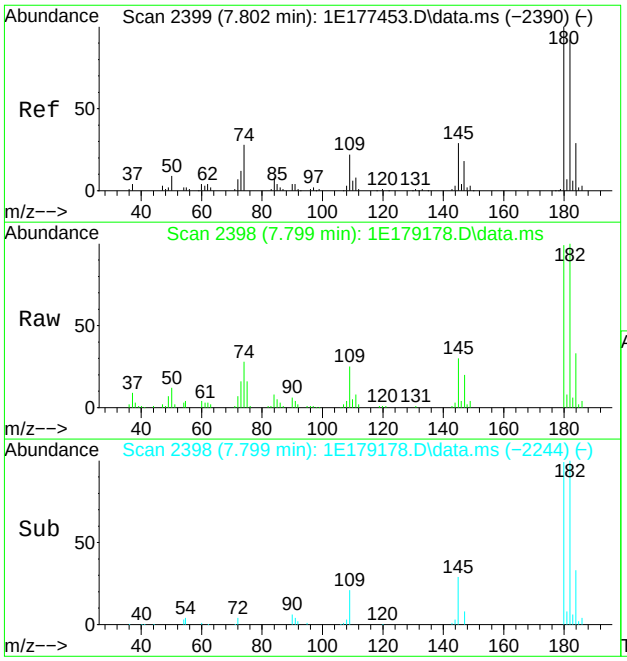


#114
1,2-dibromo-3-chloropropane
Concen: 19.1708 ug/L
RT: 7.776 min Scan# 2391
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:157 Resp: 12468

Ion	Ratio	Lower	Upper
157	100		
155	77.8	54.1	114.1
75	85.5	48.2	108.2

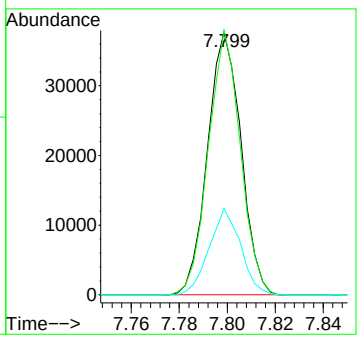


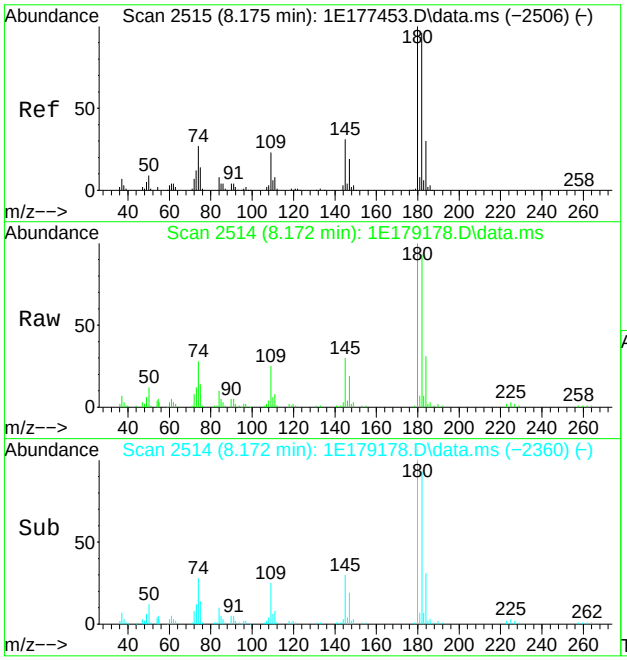


#115
1,3,5-trichlorobenzene
Concen: 17.9159 ug/L
RT: 7.799 min Scan# 2398
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:180 Resp: 36490

Ion	Ratio	Lower	Upper
180	100		
182	100.7	71.6	111.6
184	32.8	9.2	49.2

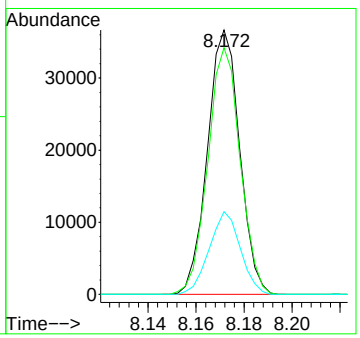


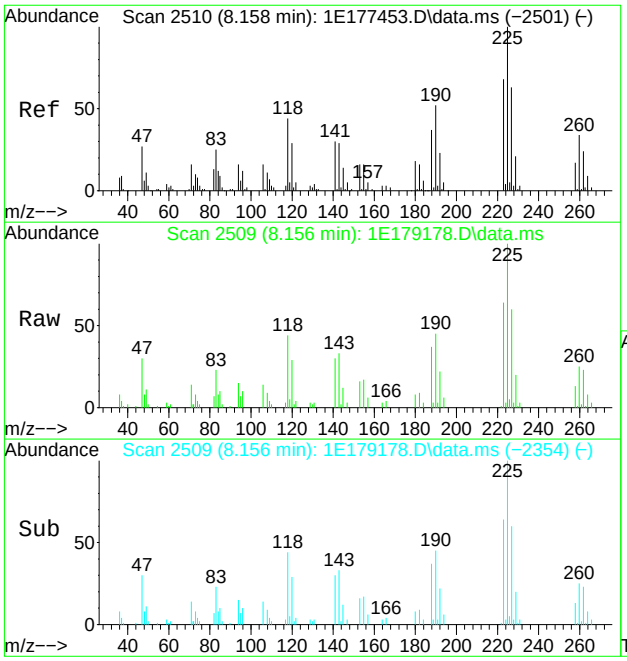


#116
1,2,4-trichlorobenzene
Concen: 17.7853 ug/L
RT: 8.172 min Scan# 2514
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:180 Resp: 34152

Ion	Ratio	Lower	Upper
180	100		
182	93.3	65.8	125.8
184	31.2	0.0	59.9

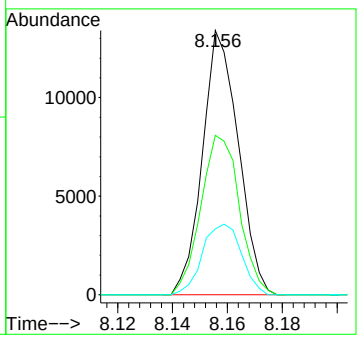


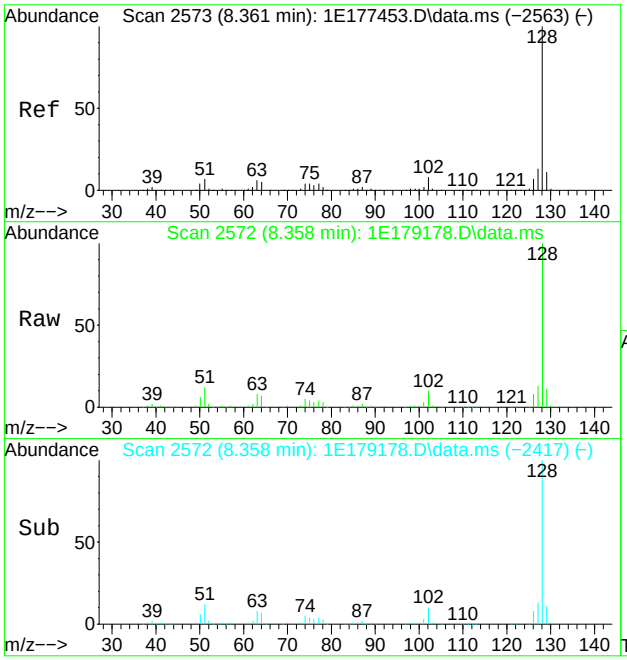


#117
hexachlorobutadiene
Concen: 17.6562 ug/L
RT: 8.156 min Scan# 2509
Delta R.T. -0.002 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:225 Resp: 12164

Ion	Ratio	Lower	Upper
225	100		
227	60.3	32.9	92.9
260	24.9	3.9	63.9

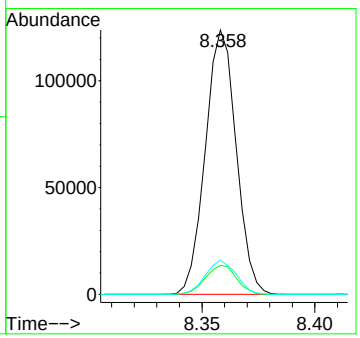


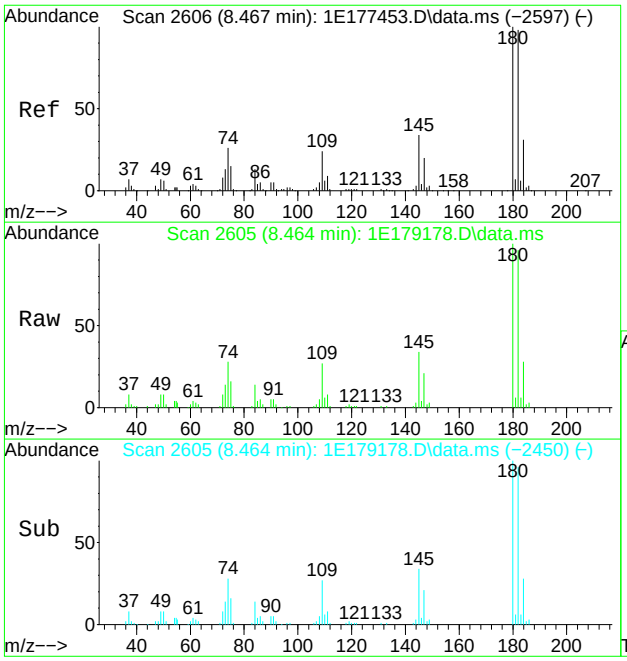


#118
naphthalene
Concen: 18.5532 ug/L
RT: 8.358 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:128 Resp: 117218

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.8
127	13.0	0.0	42.7

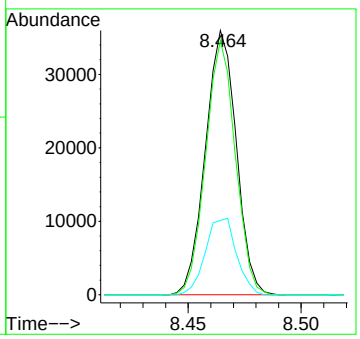


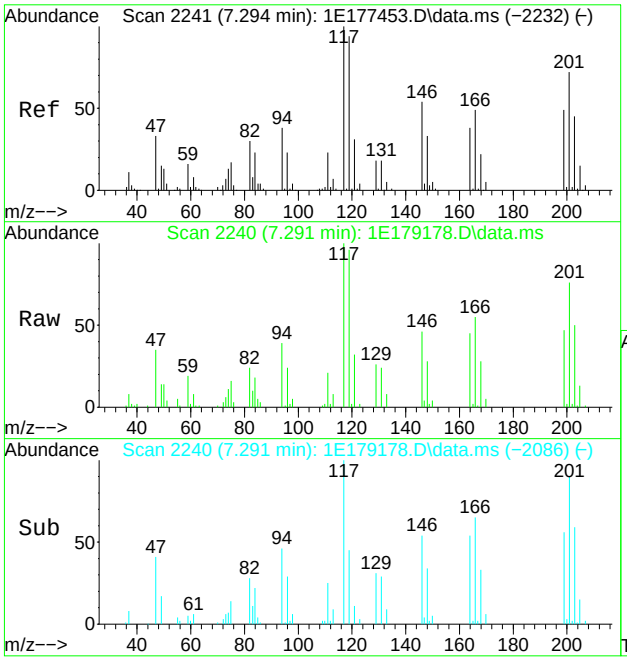


#119
1,2,3-trichlorobenzene
Concen: 18.7517 ug/L
RT: 8.464 min Scan# 2605
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:180 Resp: 34157

Ion	Ratio	Lower	Upper
180	100		
182	96.2	67.6	127.6
184	28.1	1.0	61.0

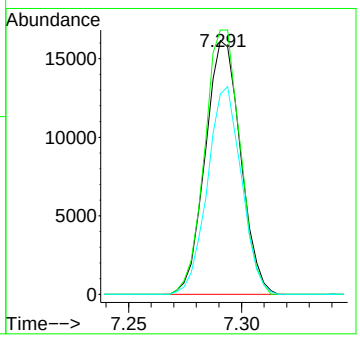


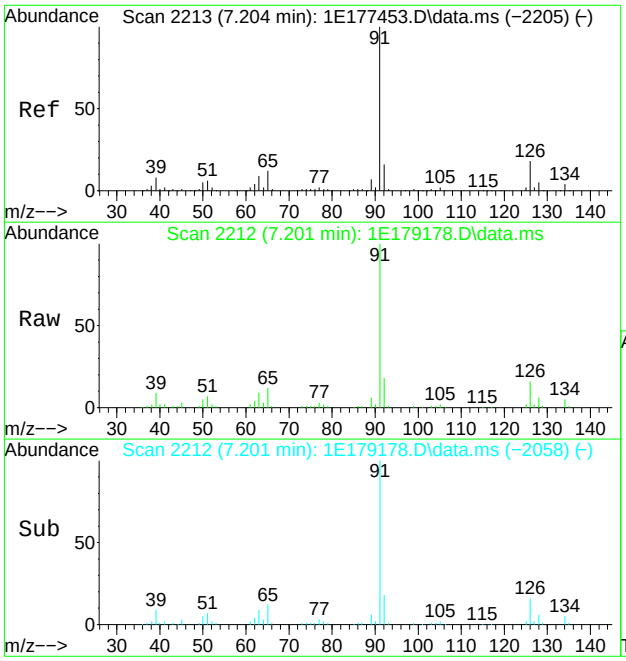


#120
hexachloroethane
Concen: 18.5474 ug/L
RT: 7.291 min Scan# 2240
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:119 Resp: 17500

Ion	Ratio	Lower	Upper
119	100		
117	104.1	75.9	135.9
201	79.0	46.7	106.7

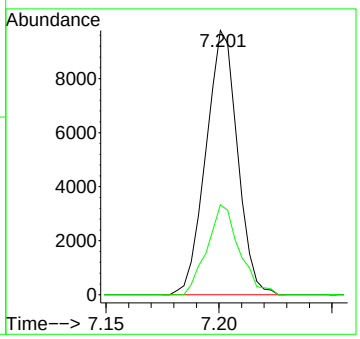


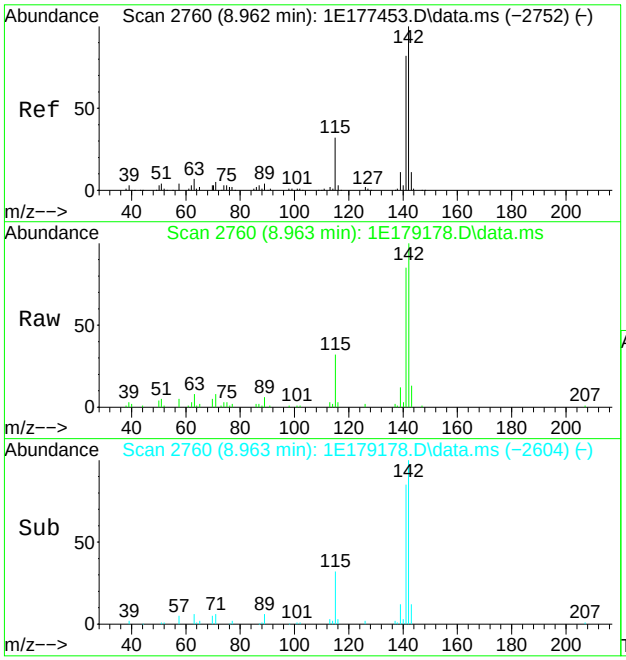


#121
benzyl chloride
Concen: 11.9636 ug/L
RT: 7.201 min Scan# 2212
Delta R.T. -0.003 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:126 Resp: 9465

Ion	Ratio	Lower	Upper
126	100		
128	34.1	0.9	60.9

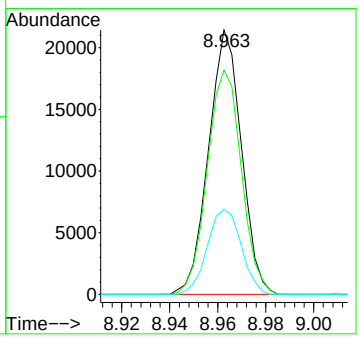




#122
2-methylnaphthalene
Concen: 7.3886 ug/L
RT: 8.963 min Scan# 2760
Delta R.T. 0.001 min
Lab File: 1E179178.D
Acq: 21 Dec 2023 09:01 am

Tgt Ion:142 Resp: 20342

Ion	Ratio	Lower	Upper
142	100		
141	84.7	52.4	112.4
115	32.2	2.0	62.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13671.D
Acq On : 2 Dec 2023 1:45 pm
Operator : PrashanS
Sample : IC376-0.2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 04 15:34:53 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	514527	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	514689	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	940516	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	765553	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	375101	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	514689	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	375101	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	257678	49.54	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.08%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	304922	50.16	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.32%				
73) toluene-d8 (s)	4.062	98	1052279	50.28	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.56%				
97) 4-bromofluorobenzene (s)	5.923	95	368231	49.70	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.40%				
Target Compounds							Qvalue
6) chlorodifluoromethane	1.115	51	1341	0.21	ug/L		70
7) dichlorodifluoromethane	1.094	85	661	0.16	ug/L		88
13) trichlorofluoromethane	1.487	101	973	0.17	ug/L		95
14) ethyl ether	1.613	74	500	0.20	ug/L		91
16) freon 113	1.728	151	606	0.19	ug/L	#	62
17) 1,1-dichloroethene	1.718	61	1169	0.18	ug/L		89
24) methyl tert butyl ether	2.080	73	2515	0.18	ug/L		90
25) trans-1,2-dichloroethene	2.038	96	817	0.20	ug/L		96
27) di-isopropyl ether	2.232	45	2809	0.19	ug/L		98
28) ethyl tert-butyl ether	2.405	59	2971	0.19	ug/L		88
30) 1,1-dichloroethane	2.316	63	1451	0.17	ug/L		78
31) chloroprene	2.305	53	1411	0.17	ug/L		82
35) 2,2-dichloropropane	2.609	77	1342	0.20	ug/L		83
36) cis-1,2-dichloroethene	2.557	96	983	0.21	ug/L		82
39) bromochloromethane	2.662	128	442	0.20	ug/L	#	65
44) 1,1,1-trichloroethane	2.798	97	1331	0.19	ug/L		84
45) cyclohexane	2.672	84	1439	0.18	ug/L		94
46) 1,1-dichloropropene	2.850	75	1053	0.16	ug/L	#	55
53) benzene	2.976	78	3766	0.21	ug/L		80
54) tert-amyl methyl ether	3.018	73	3102	0.22	ug/L		80
60) trichloroethene	3.275	130	889	0.19	ug/L		92
64) 1,2-dichloropropane	3.553	63	935	0.19	ug/L		79
67) bromodichloromethane	3.585	83	1267	0.22	ug/L		90
69) cis-1,3-dichloropropene	3.941	75	1211	0.16	ug/L	#	57
74) toluene	4.093	92	2509	0.23	ug/L	#	76
76) trans-1,3-dichloropropene	4.340	75	1377	0.19	ug/L	#	65
78) tetrachloroethene	4.340	166	976	0.22	ug/L		85
79) 2-hexanone	4.853	58	2253	0.72	ug/L		95
80) 1,3-dichloropropane	4.623	76	1486	0.20	ug/L		80
81) butyl acetate	4.785	56	753	0.18	ug/L	#	76
82) dibromochloromethane	4.554	129	668	0.16	ug/L		83
83) 1,2-dibromoethane	4.722	107	798	0.19	ug/L	#	54
84) n-butyl ether	4.990	57	3804	0.17	ug/L		93
85) chlorobenzene	5.074	112	2344	0.20	ug/L	#	59
88) m,p-xylene	5.184	106	3335	0.41	ug/L		84
89) o-xylene	5.493	106	1453	0.18	ug/L		95
90) styrene	5.524	104	2358	0.18	ug/L		89
92) butyl acrylate	5.614	55	1877	0.16	ug/L		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13671.D
Acq On : 2 Dec 2023 1:45 pm
Operator : PrashanS
Sample : IC376-0.2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 04 15:34:53 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

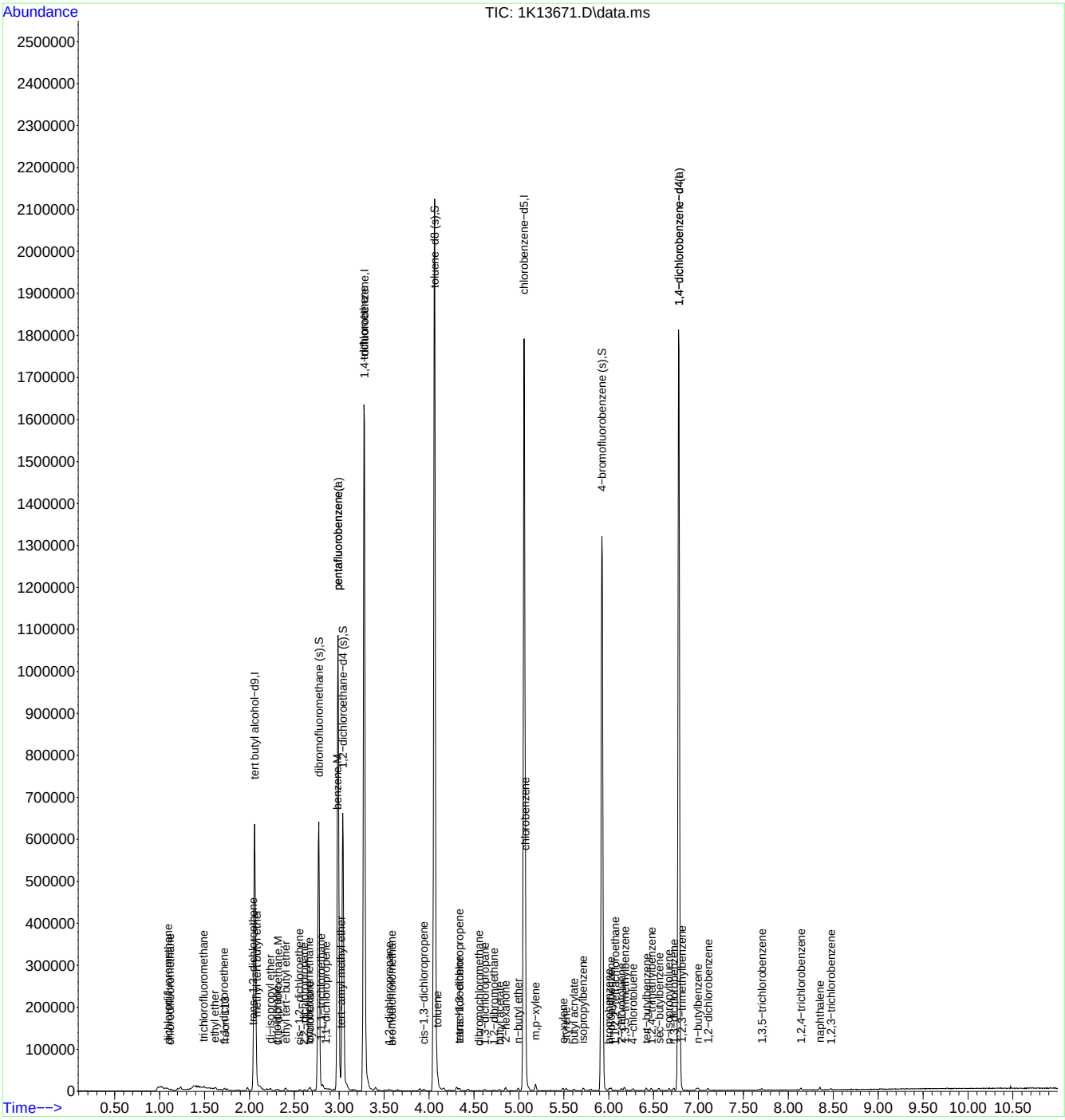
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
93) isopropylbenzene	5.713	105	3367	0.18	ug/L		95
98) bromobenzene	6.002	156	957	0.20	ug/L	#	69
99) 1,1,2,2-tetrachloroethane	6.070	83	970	0.17	ug/L		75
102) n-propylbenzene	6.023	91	4896	0.21	ug/L		87
103) 2-chlorotoluene	6.143	126	802	0.17	ug/L	#	66
104) 4-chlorotoluene	6.269	91	2926	0.20	ug/L		90
105) 1,3,5-trimethylbenzene	6.180	105	2959	0.18	ug/L		96
106) tert-butylbenzene	6.421	119	2425	0.18	ug/L		88
107) 1,2,4-trimethylbenzene	6.479	105	2935	0.17	ug/L		90
108) sec-butylbenzene	6.563	105	3481	0.18	ug/L		96
109) 1,3-dichlorobenzene	6.725	146	1850	0.20	ug/L		86
110) p-isopropyltoluene	6.667	119	2956	0.18	ug/L		89
112) 1,2-dichlorobenzene	7.108	146	1775	0.20	ug/L		89
113) 1,2,3-trimethylbenzene	6.814	105	3463	0.20	ug/L		95
114) n-butylbenzene	6.992	92	1552	0.17	ug/L		93
116) 1,3,5-trichlorobenzene	7.706	180	1081	0.18	ug/L	#	60
117) 1,2,4-trichlorobenzene	8.141	180	1078	0.19	ug/L		90
119) naphthalene	8.350	128	4043	0.21	ug/L		97
120) 1,2,3-trichlorobenzene	8.476	180	880	0.17	ug/L		82

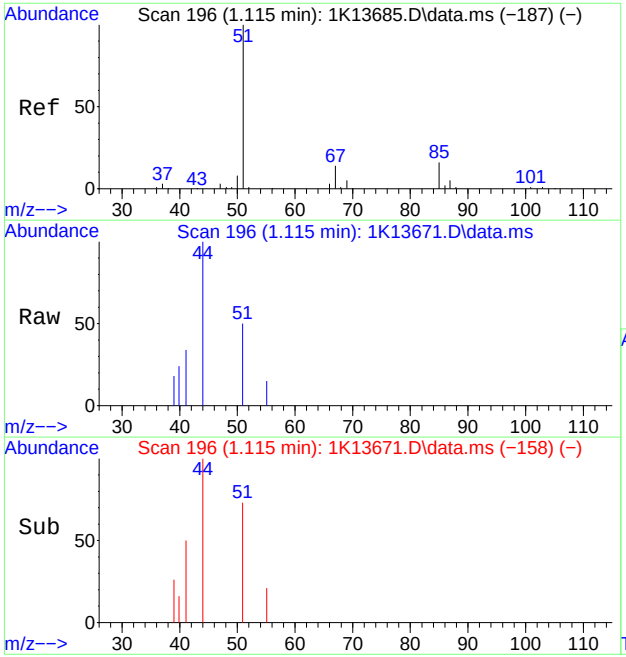
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13671.D
Acq On : 2 Dec 2023 1:45 pm
Operator : PrashanS
Sample : IC376-0.2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 04 15:34:53 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

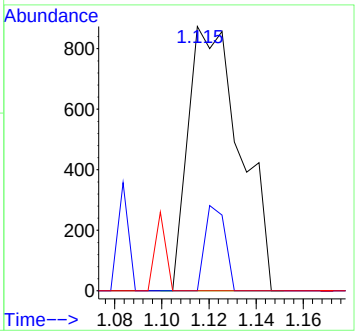


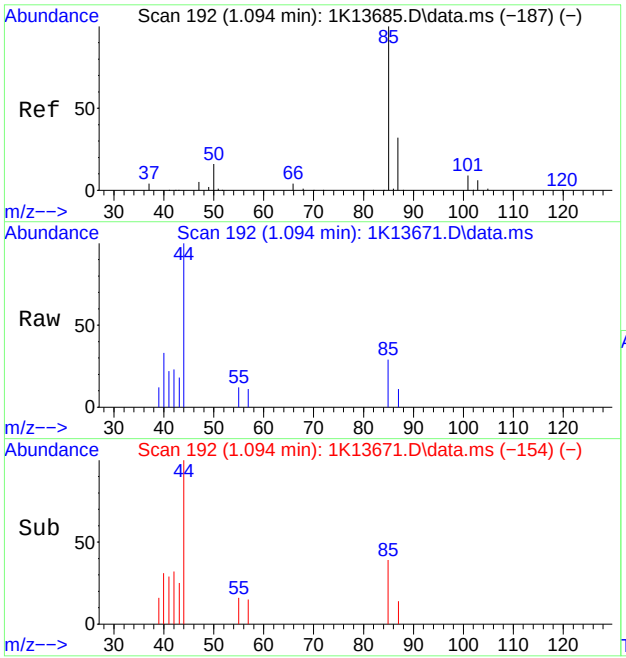


#6
chlorodifluoromethane
Concen: 0.21 ug/L
RT: 1.115 min Scan# 196
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 51 Resp: 1341

Ion	Ratio	Lower	Upper
51	100		
67	0.0	0.0	44.3
50	0.0	0.0	37.7

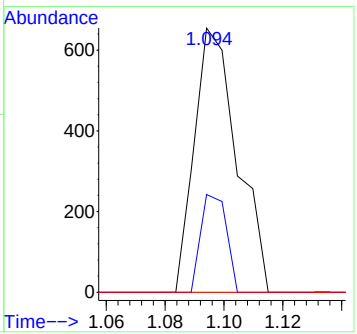


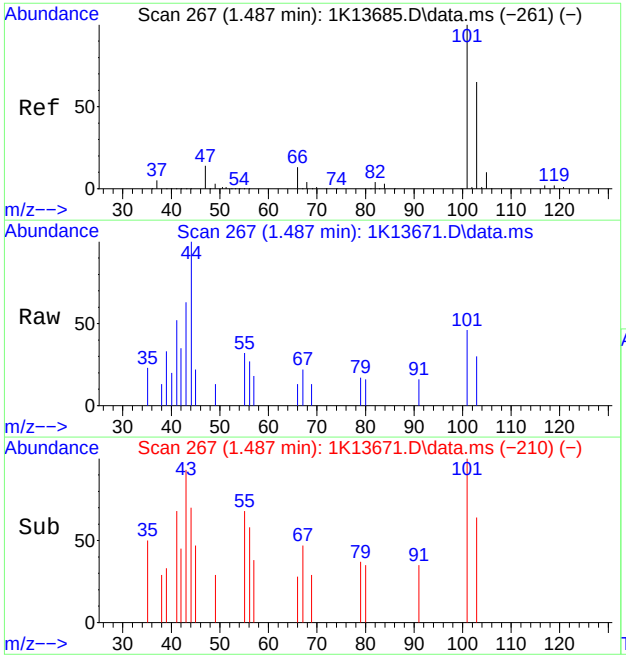


#7
dichlorodifluoromethane
Concen: 0.16 ug/L
RT: 1.094 min Scan# 192
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 85 Resp: 661

Ion	Ratio	Lower	Upper
85	100		
87	36.9	2.2	62.2
101	0.0	0.0	39.0

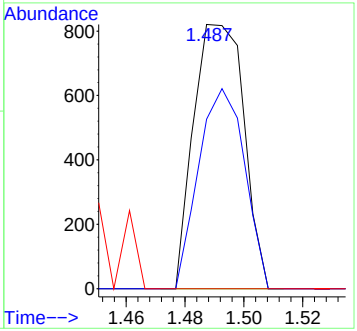


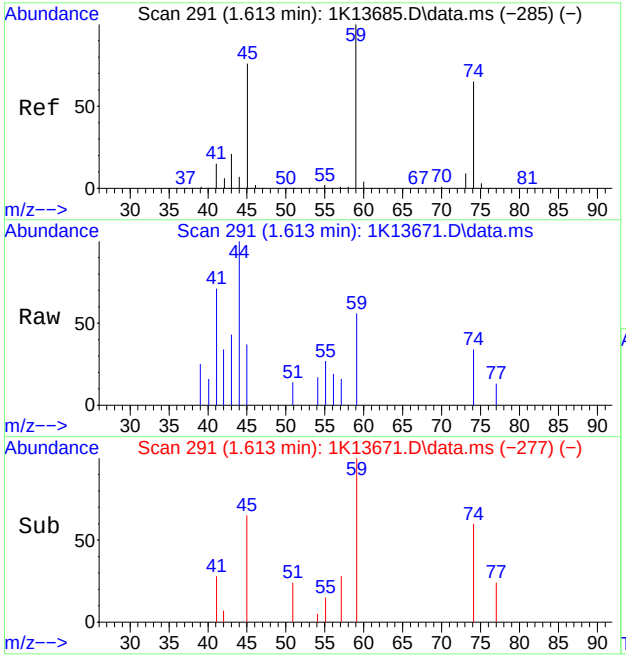


#13
trichlorofluoromethane
Concen: 0.17 ug/L
RT: 1.487 min Scan# 267
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:101 Resp: 973

Ion	Ratio	Lower	Upper
101	100		
103	64.1	35.0	95.0
105	0.0	0.0	40.5

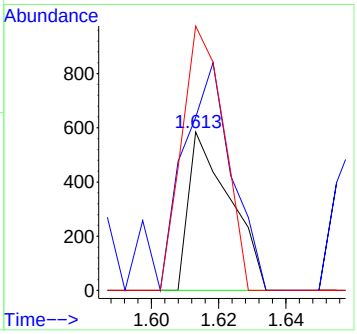


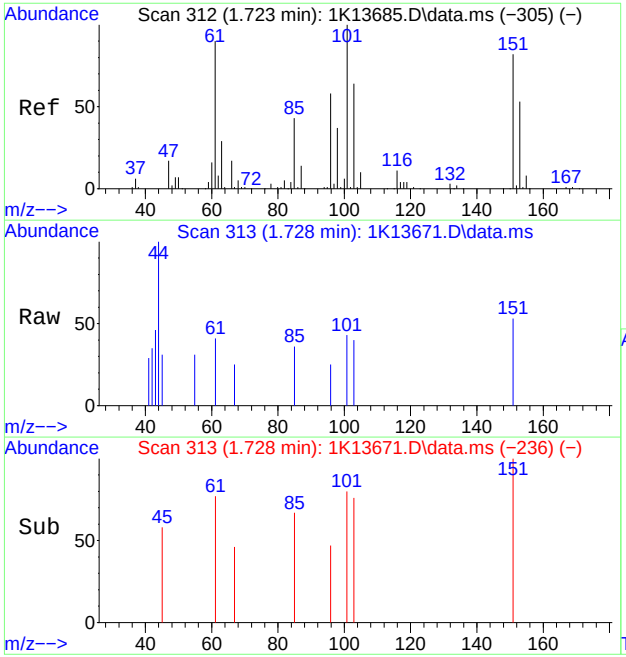


#14
ethyl ether
Concen: 0.20 ug/L
RT: 1.613 min Scan# 291
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 74 Resp: 500

Ion	Ratio	Lower	Upper
74	100		
45	109.1	87.4	147.4
59	166.8	124.0	184.0

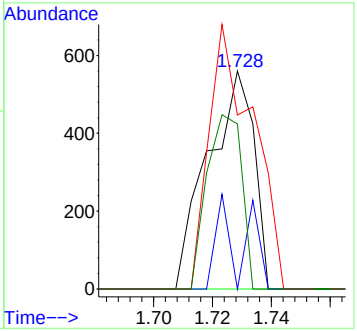


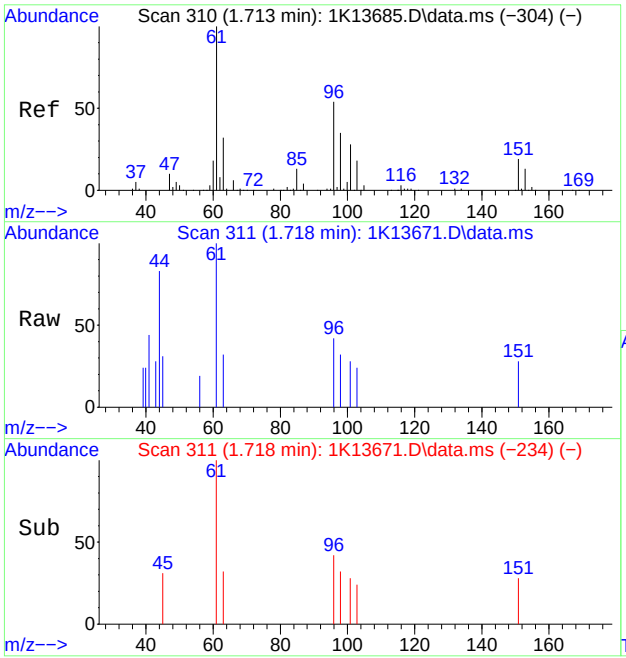


#16
freon 113
Concen: 0.19 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:151 Resp: 606

Ion	Ratio	Lower	Upper
151	100		
153	0.0	44.1	84.1#
101	79.8	101.5	141.5#
103	75.7	57.1	97.1

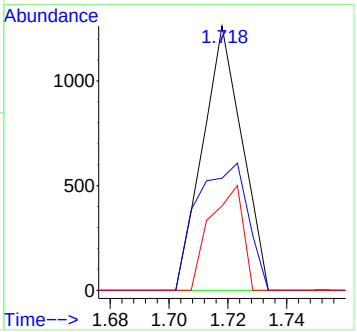


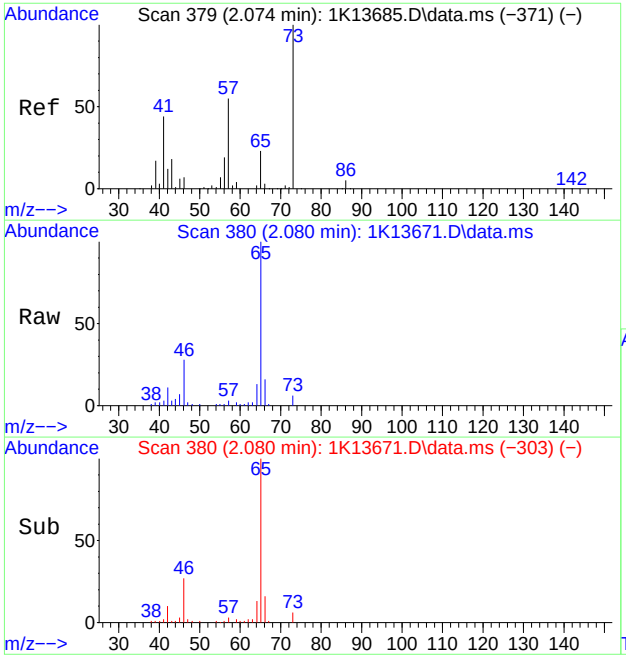


#17
1,1-dichloroethene
Concen: 0.18 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 61 Resp: 1169

Ion	Ratio	Lower	Upper
61	100		
96	42.4	24.4	84.4
63	31.9	2.1	62.1

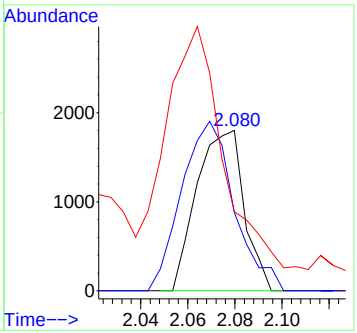


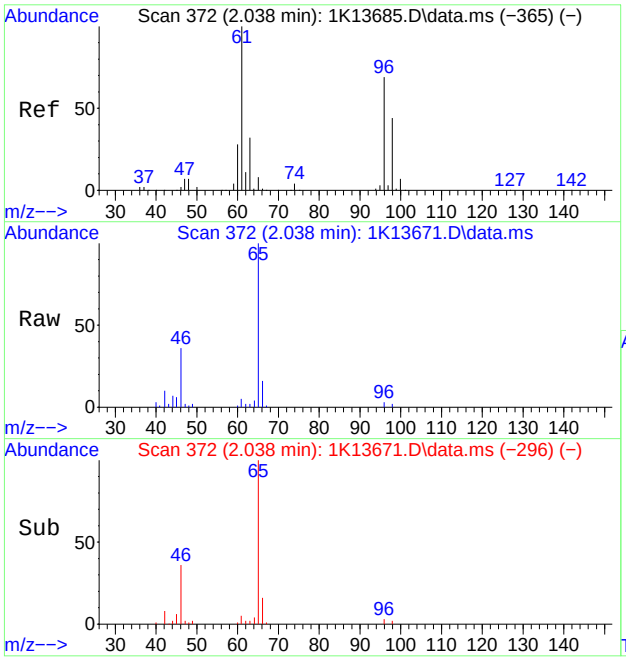


#24
methyl tert butyl ether
Concen: 0.18 ug/L
RT: 2.080 min Scan# 380
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 73 Resp: 2515

Ion	Ratio	Lower	Upper
73	100		
57	48.9	25.1	85.1
43	34.9	12.1	72.1

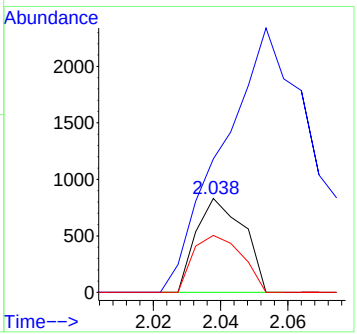


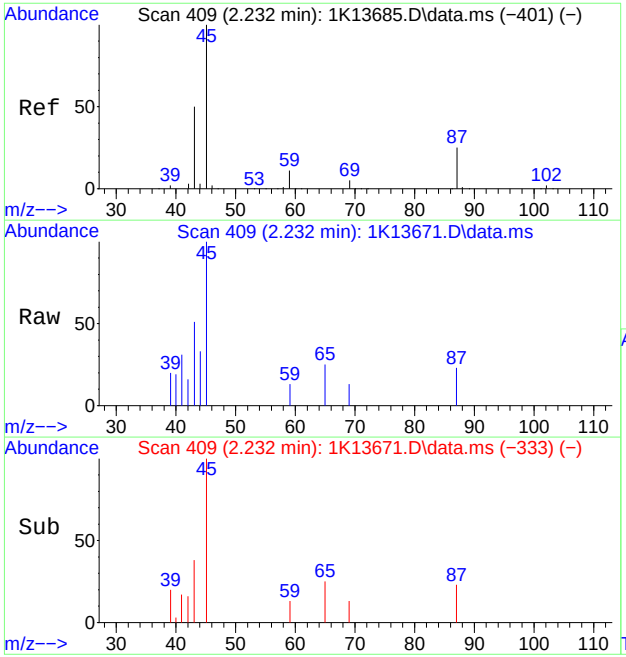


#25
trans-1,2-dichloroethene
Concen: 0.20 ug/L
RT: 2.038 min Scan# 372
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 96 Resp: 817

Ion	Ratio	Lower	Upper
96	100		
61	142.1	115.9	175.9
98	60.5	34.7	94.7

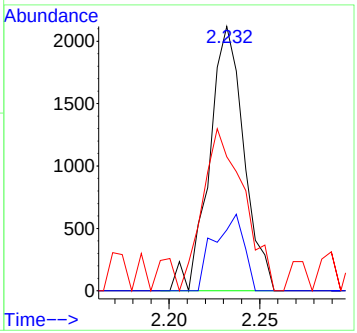


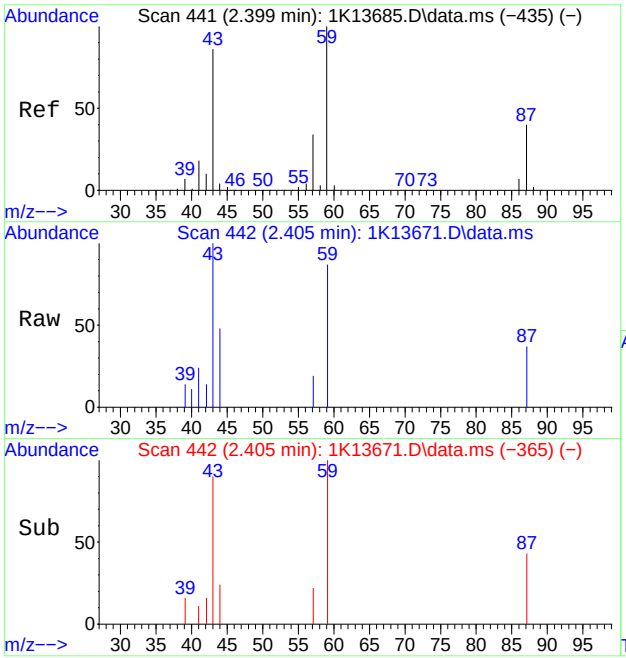


#27
di-isopropyl ether
Concen: 0.19 ug/L
RT: 2.232 min Scan# 409
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 45 Resp: 2809

Ion	Ratio	Lower	Upper
45	100		
87	23.0	0.0	55.4
43	50.7	19.8	79.8

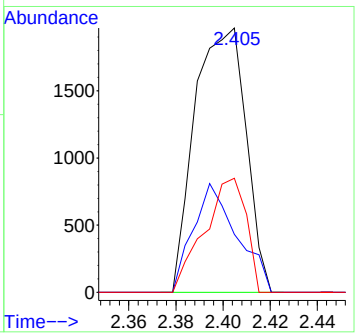


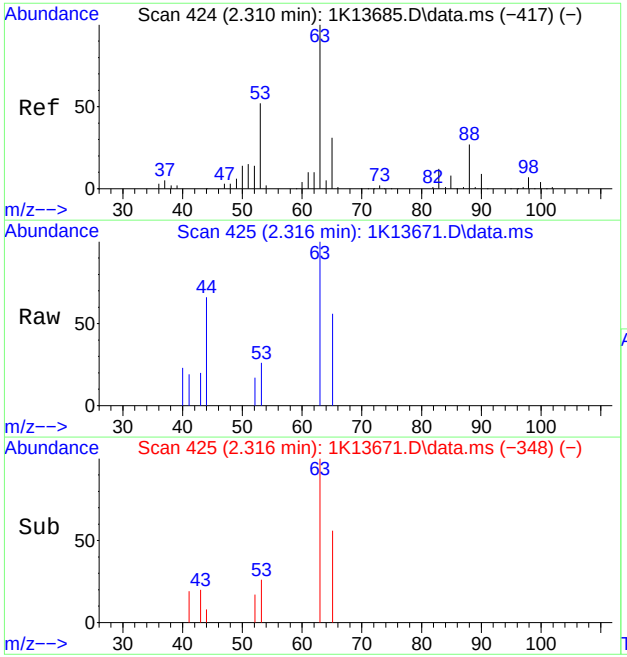


#28
ethyl tert-butyl ether
Concen: 0.19 ug/L
RT: 2.405 min Scan# 442
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 59 Resp: 2971

Ion	Ratio	Lower	Upper
59	100		
57	22.0	3.4	63.4
87	43.2	9.9	69.9

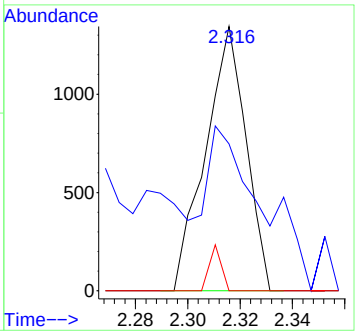


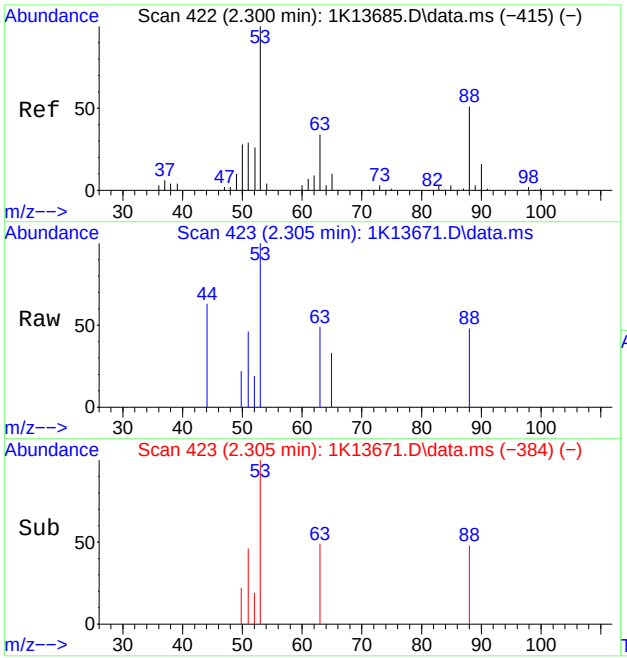


#30
1,1-dichloroethane
Concen: 0.17 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 63 Resp: 1451

Ion	Ratio	Lower	Upper
63	100		
65	20.2	0.6	60.6
83	0.0	0.0	41.8

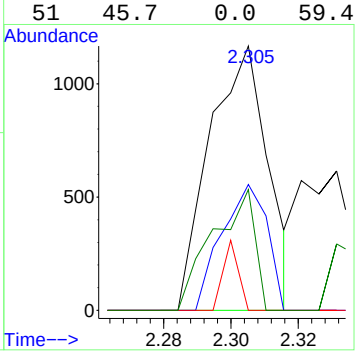


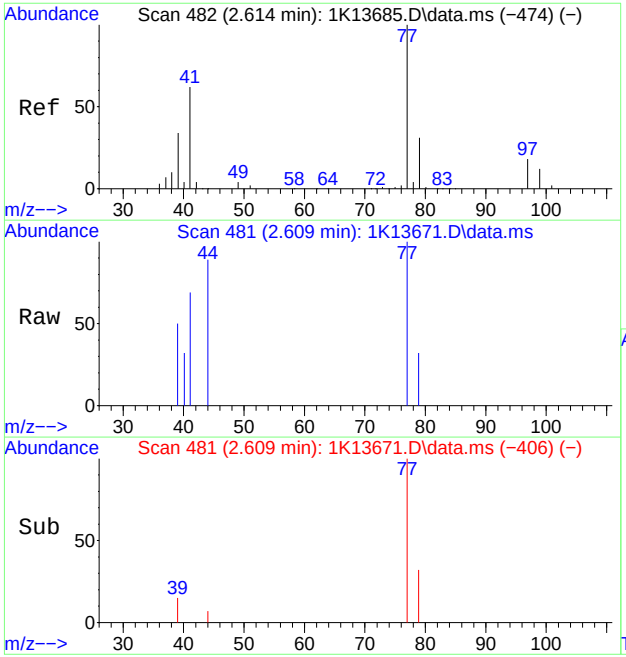


#31
chloroprene
Concen: 0.17 ug/L
RT: 2.305 min Scan# 423
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 53 Resp: 1411

Ion	Ratio	Lower	Upper
53	100		
88	47.6	21.4	81.4
90	0.0	0.0	46.1
51	45.7	0.0	59.4

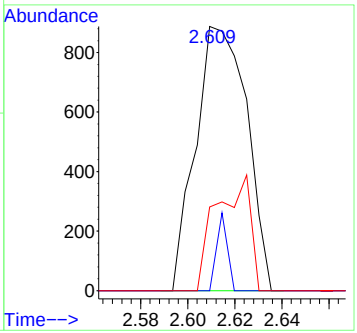


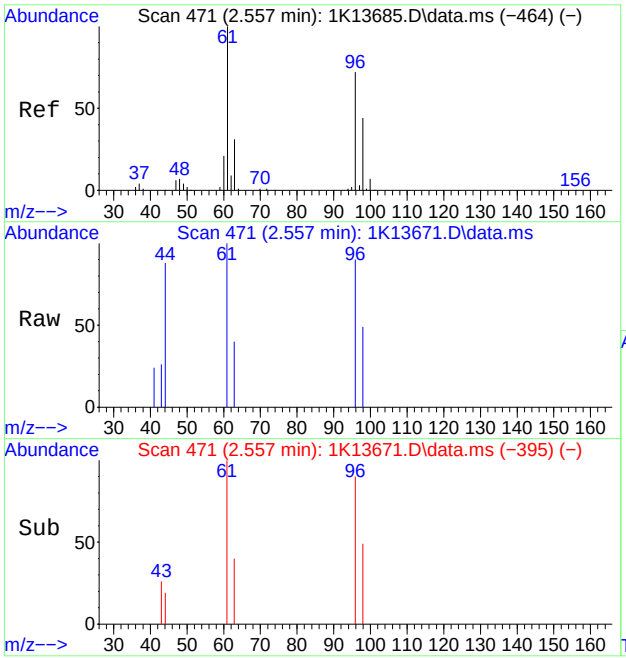


#35
2,2-dichloropropane
Concen: 0.20 ug/L
RT: 2.609 min Scan# 481
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 77 Resp: 1342

Ion	Ratio	Lower	Upper
77	100		
97	0.0	0.0	48.7
79	31.6	0.9	60.9

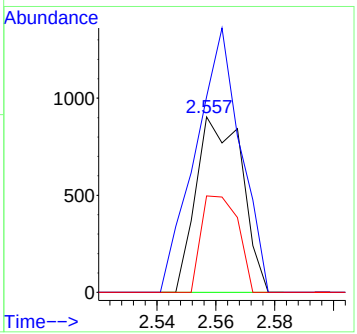


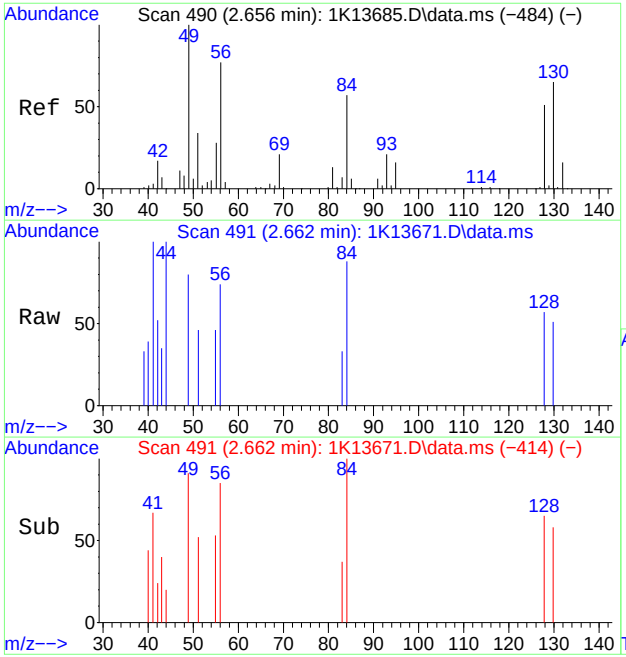


#36
cis-1,2-dichloroethene
Concen: 0.21 ug/L
RT: 2.557 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 96 Resp: 983

Ion	Ratio	Lower	Upper
96	100		
61	111.5	108.4	168.4
98	55.0	31.4	91.4

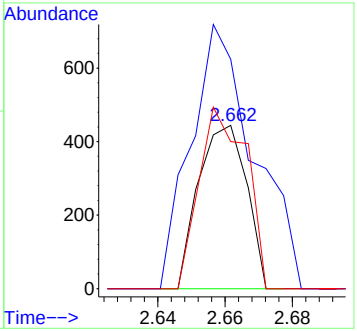


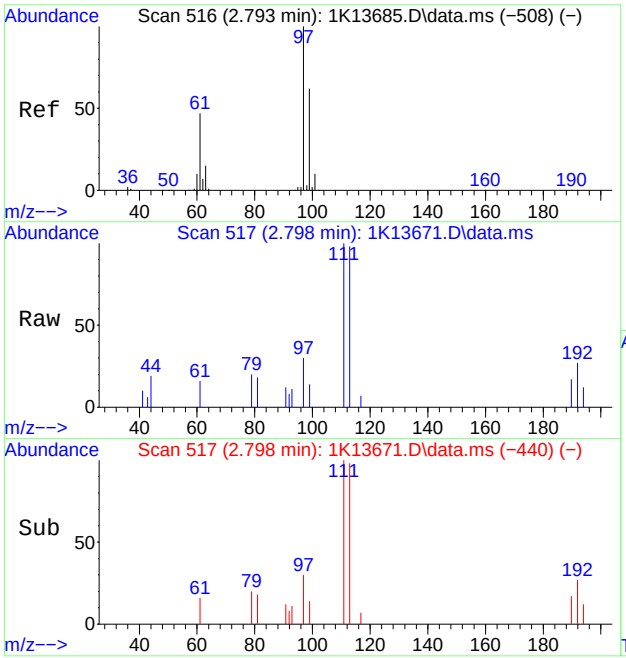


#39
bromochloromethane
Concen: 0.20 ug/L
RT: 2.662 min Scan# 491
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:128 Resp: 442

Ion	Ratio	Lower	Upper
128	100		
49	140.5	166.7	226.7#
130	90.1	97.3	157.3#

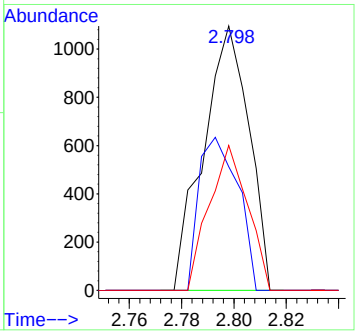


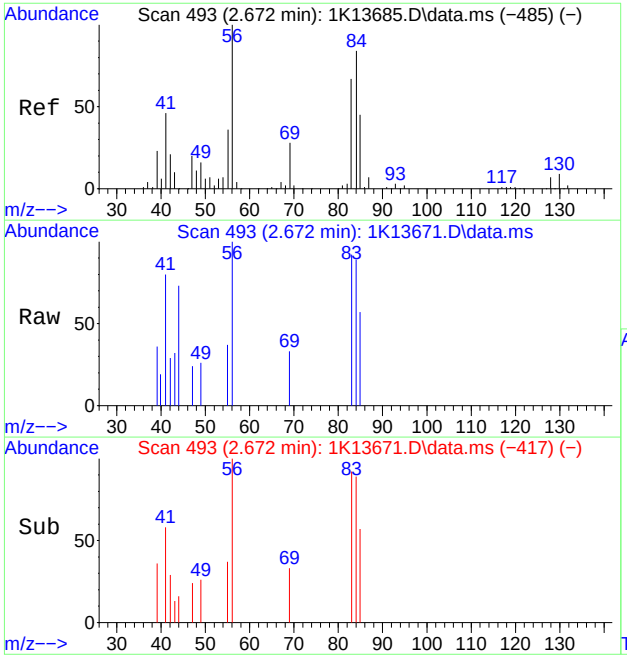


#44
1,1,1-trichloroethane
Concen: 0.19 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 97 Resp: 1331

Ion	Ratio	Lower	Upper
97	100		
99	46.7	32.2	92.2
61	54.8	17.7	77.7

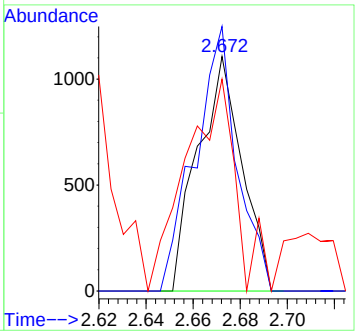


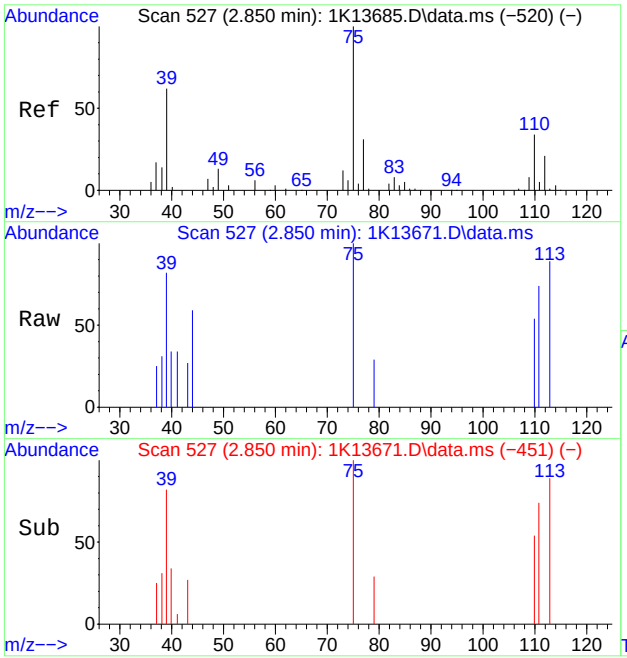


#45
cyclohexane
Concen: 0.18 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 84 Resp: 1439

Ion	Ratio	Lower	Upper
84	100		
56	112.8	98.6	138.6
41	68.9	43.8	83.8

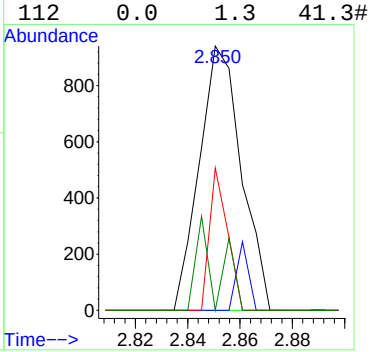


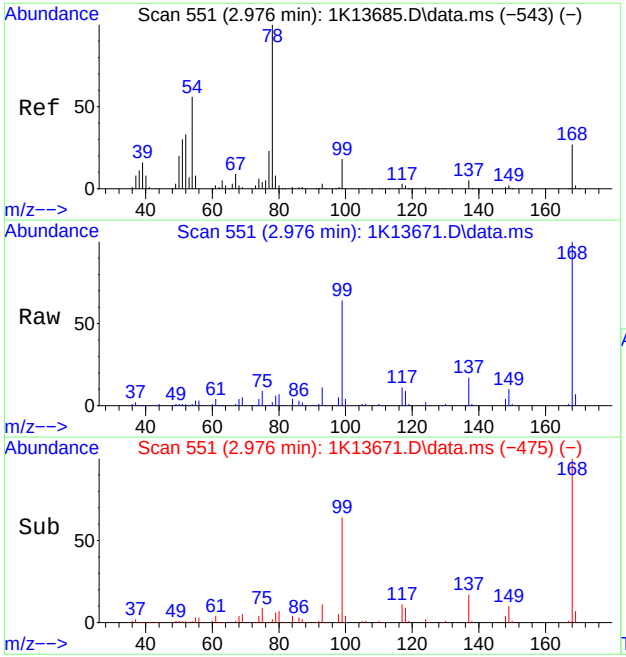


#46
1,1-dichloropropene
Concen: 0.16 ug/L
RT: 2.850 min Scan# 527
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 75 Resp: 1053

Ion	Ratio	Lower	Upper
75	100		
77	0.0	11.3	51.3#
110	53.9	14.2	54.2
112	0.0	1.3	41.3#

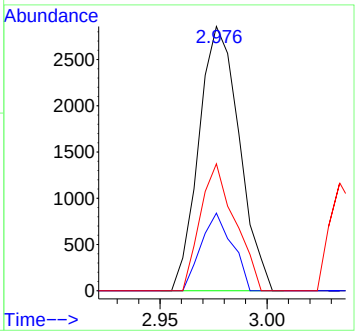


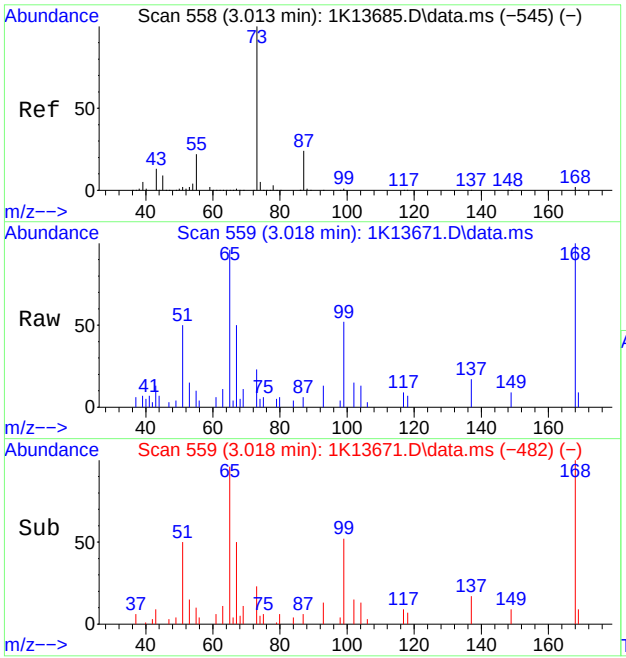


#53
benzene
Concen: 0.21 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 78 Resp: 3766

Ion	Ratio	Lower	Upper
78	100		
77	29.4	0.0	53.3
52	48.0	3.5	63.5

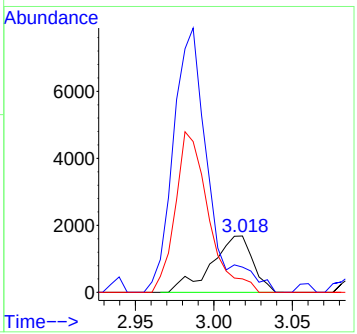


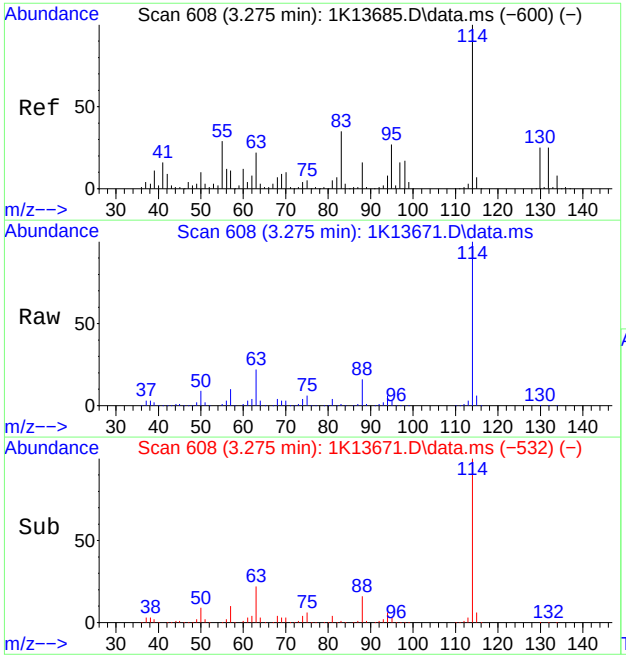


#54
tert-amyl methyl ether
Concen: 0.22 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 73 Resp: 3102

Ion	Ratio	Lower	Upper
73	100		
55	44.6	5.1	45.1
87	23.9	4.2	44.2

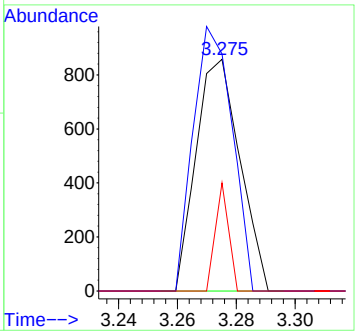


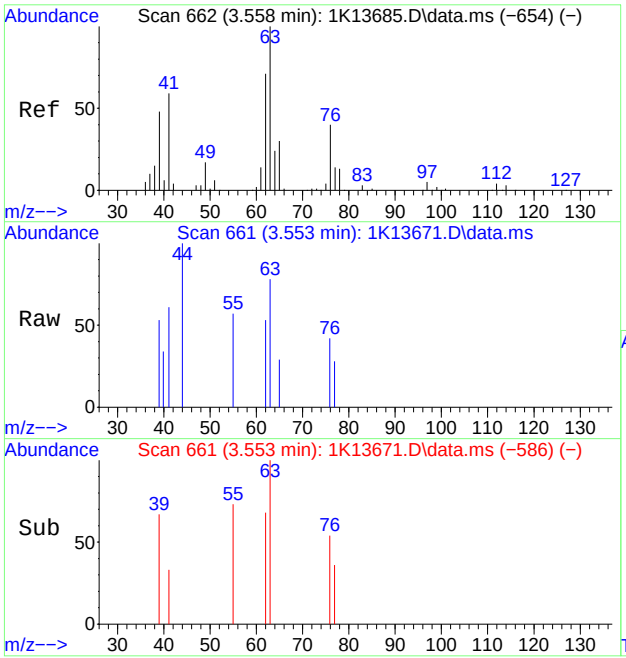


#60
trichloroethene
Concen: 0.19 ug/L
RT: 3.275 min Scan# 608
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:130 Resp: 889

Ion	Ratio	Lower	Upper
130	100		
132	102.3	70.3	130.3
134	46.6	2.0	62.0

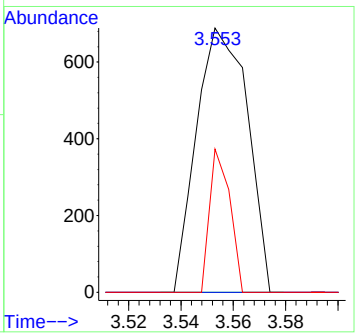


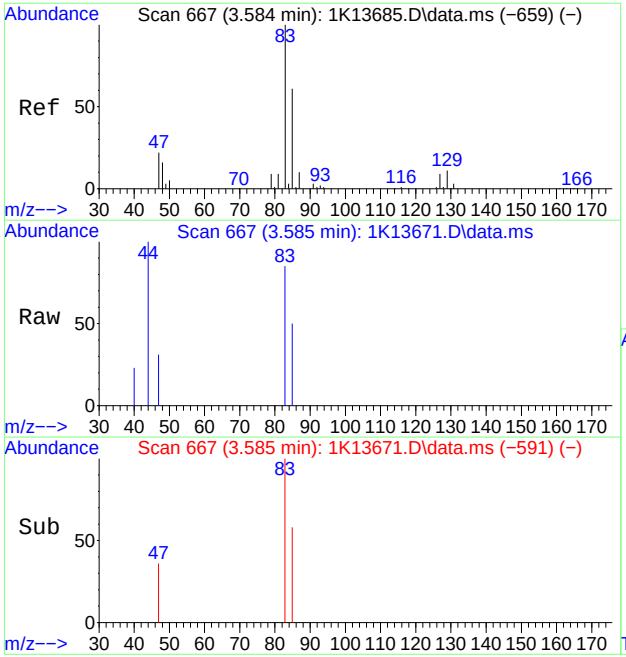


#64
1,2-dichloropropane
Concen: 0.19 ug/L
RT: 3.553 min Scan# 661
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 63 Resp: 935

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.4
76	54.1	10.3	70.3

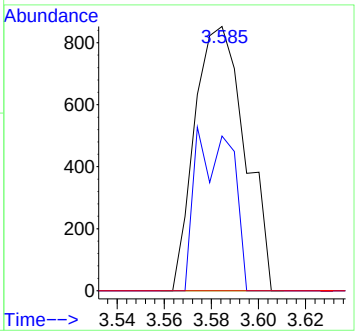


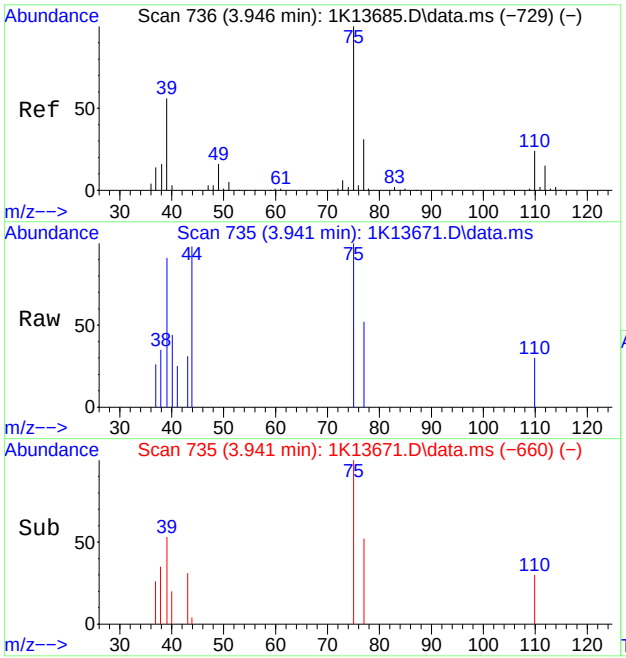


#67
bromodichloromethane
Concen: 0.22 ug/L
RT: 3.585 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 83 Resp: 1267

Ion	Ratio	Lower	Upper
83	100		
85	58.5	35.1	95.1
127	0.0	0.0	39.1

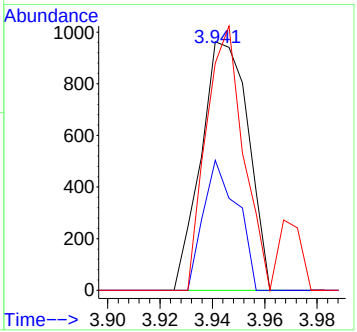


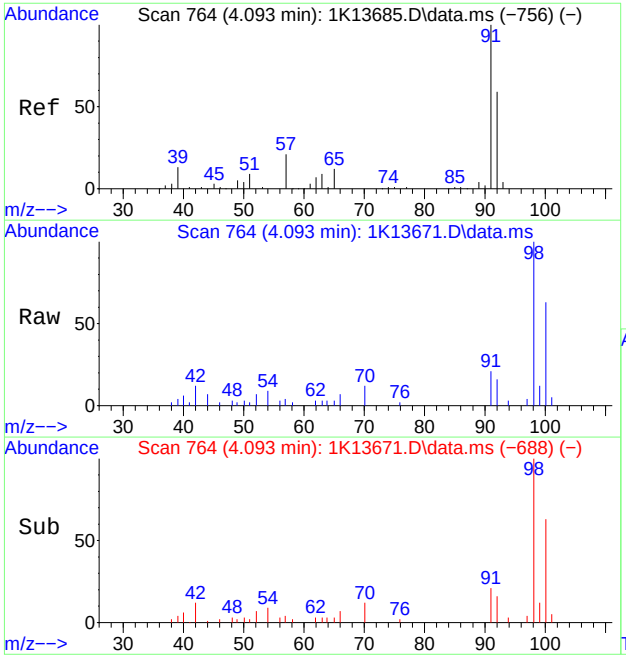


#69
cis-1,3-dichloropropene
Concen: 0.16 ug/L
RT: 3.941 min Scan# 735
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 75 Resp: 1211

Ion	Ratio	Lower	Upper
75	100		
77	52.3	1.6	61.6
39	91.4	26.9	86.9#

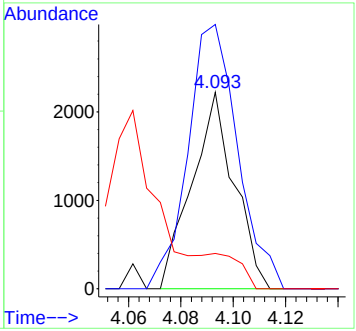


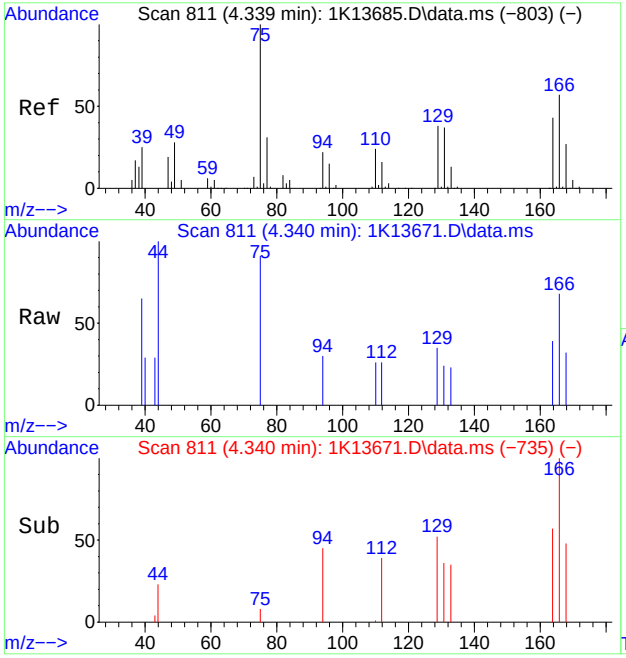


#74
toluene
Concen: 0.23 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 92 Resp: 2509

Ion	Ratio	Lower	Upper
92	100		
91	134.6	150.5	190.5#
65	18.0	0.6	40.6

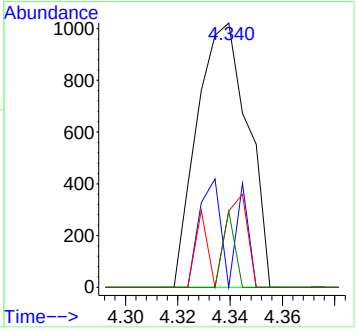


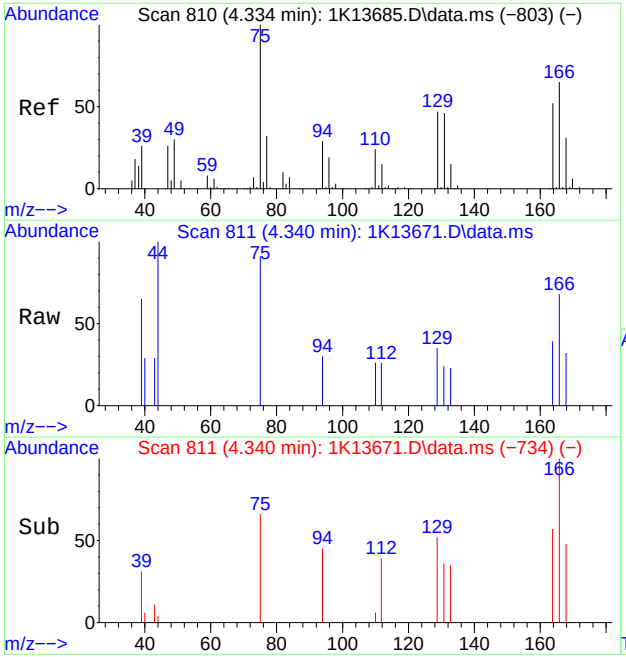


#76
trans-1,3-dichloropropene
Concen: 0.19 ug/L
RT: 4.340 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 75 Resp: 1377

Ion	Ratio	Lower	Upper
75	100		
77	0.0	11.2	51.2#
110	28.9	4.0	44.0
112	28.9	0.0	35.5

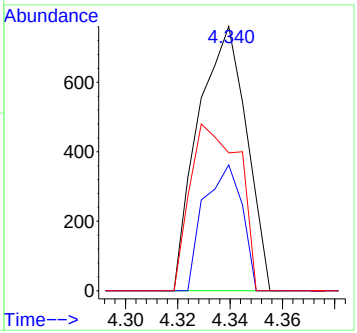


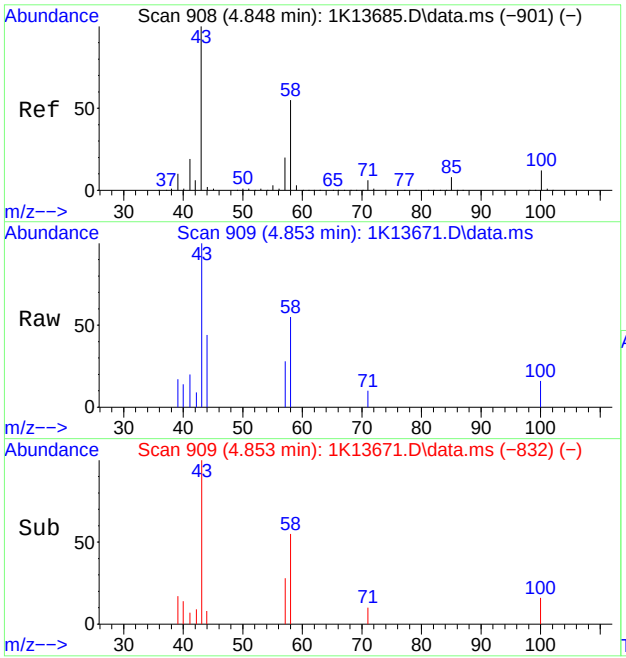


#78
tetrachloroethene
Concen: 0.22 ug/L
RT: 4.340 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:166 Resp: 976

Ion	Ratio	Lower	Upper
166	100		
168	47.6	17.2	77.2
129	52.2	42.2	102.2

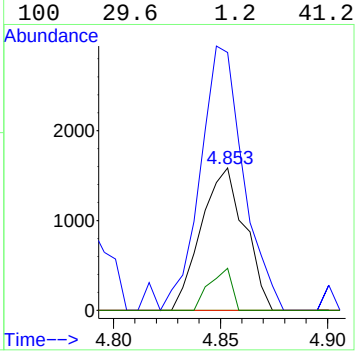


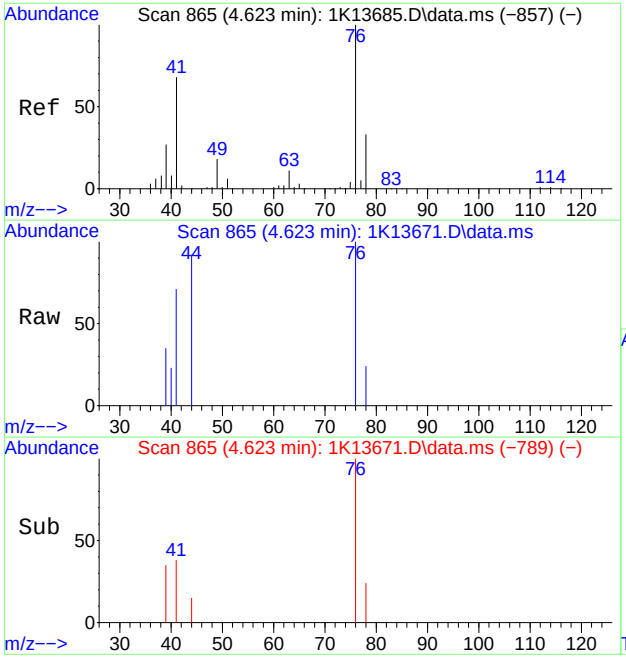


#79
2-hexanone
Concen: 0.72 ug/L
RT: 4.853 min Scan# 909
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 58 Resp: 2253

Ion	Ratio	Lower	Upper
58	100		
43	181.1	162.0	202.0
85	0.0	0.0	34.2
100	29.6	1.2	41.2

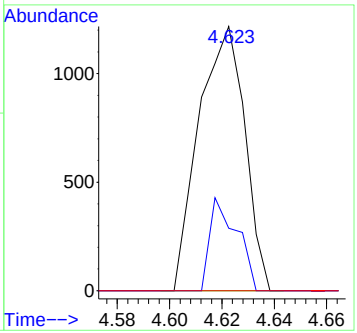


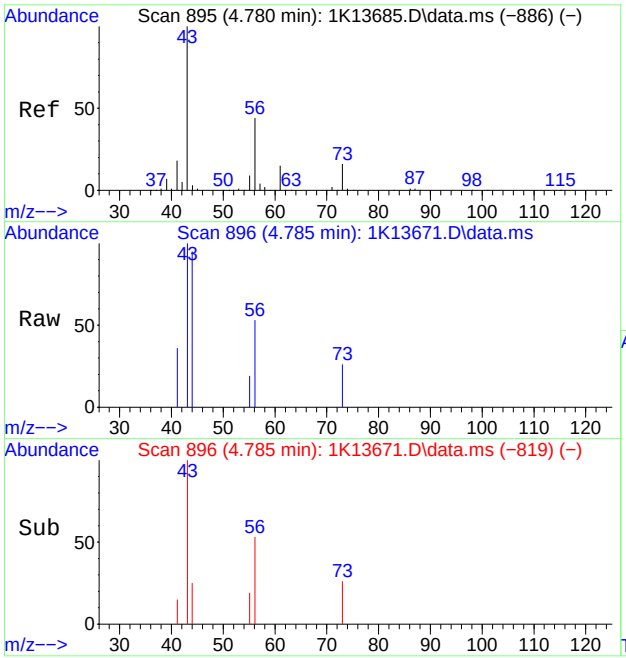


#80
1,3-dichloropropane
Concen: 0.20 ug/L
RT: 4.623 min Scan# 865
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 76 Resp: 1486

Ion	Ratio	Lower	Upper
76	100		
78	23.6	3.0	63.0
63	0.0	0.0	40.8

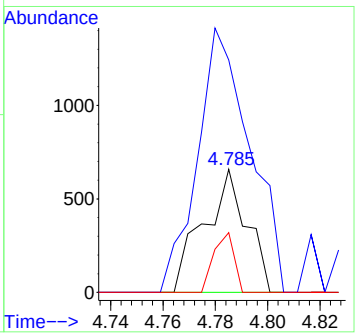


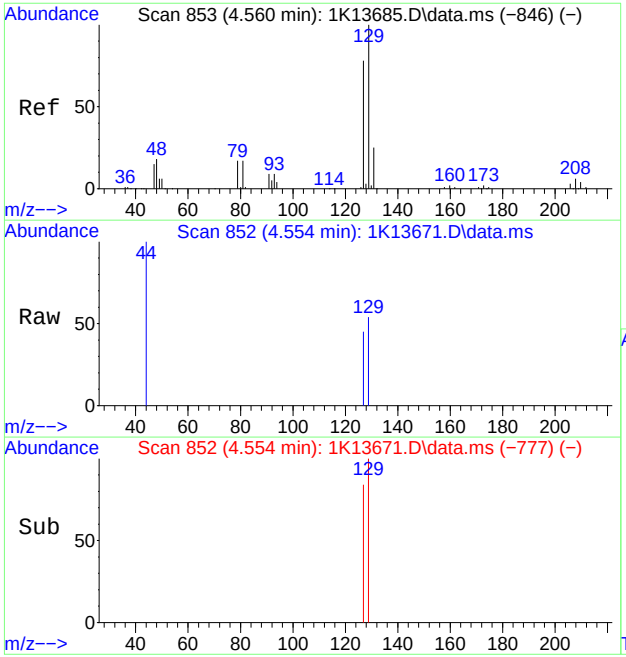


#81
butyl acetate
Concen: 0.18 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 56 Resp: 753

Ion	Ratio	Lower	Upper
56	100		
43	188.5	198.9	258.9#
73	48.6	7.7	67.7

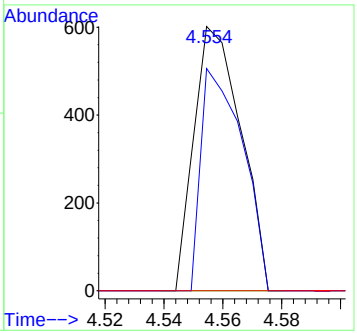


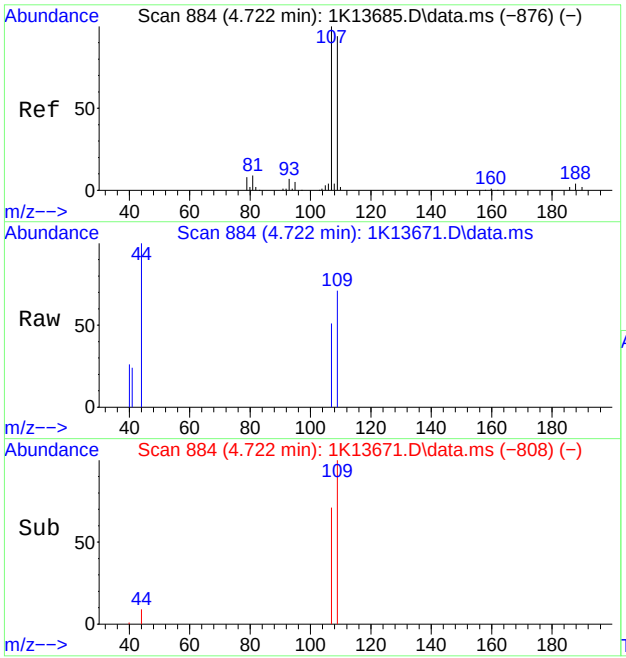


#82
dibromochloromethane
Concen: 0.16 ug/L
RT: 4.554 min Scan# 852
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:129 Resp: 668

Ion	Ratio	Lower	Upper
129	100		
127	84.1	48.2	108.2
131	0.0	0.0	54.9

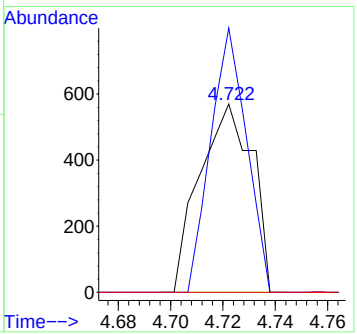


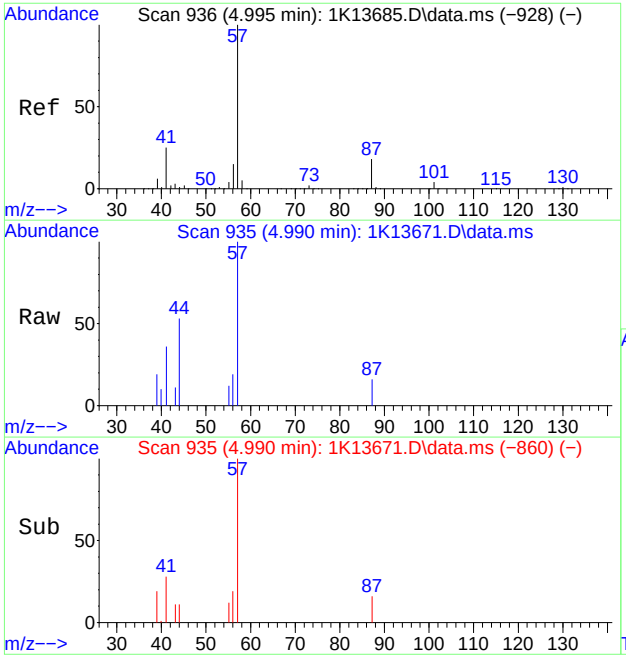


#83
1,2-dibromoethane
Concen: 0.19 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:107 Resp: 798

Ion	Ratio	Lower	Upper
107	100		
109	140.4	64.1	124.1#
188	0.0	0.0	33.9

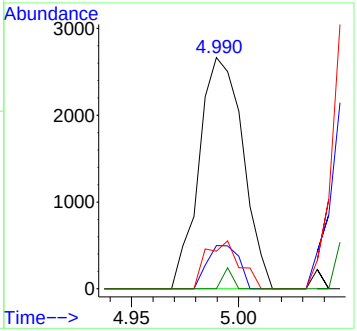


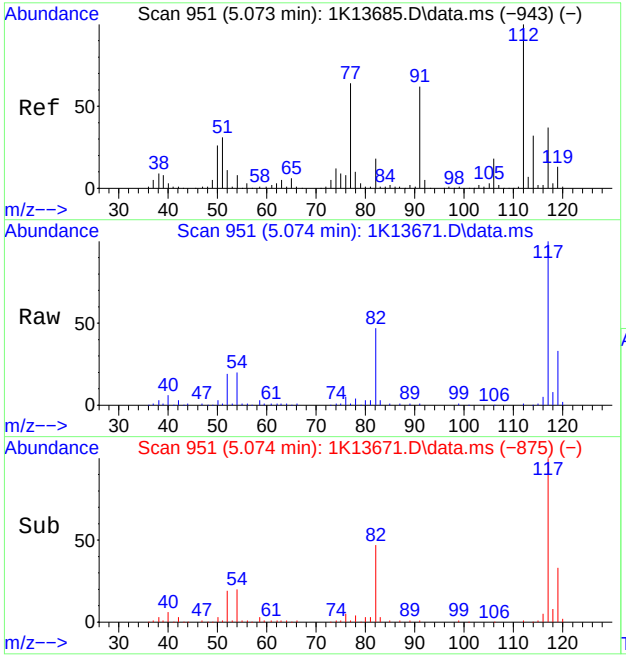


#84
n-butyl ether
Concen: 0.17 ug/L
RT: 4.990 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 57 Resp: 3804

Ion	Ratio	Lower	Upper
57	100		
56	18.6	0.0	44.5
87	16.3	0.0	47.6
101	0.0	0.0	33.9

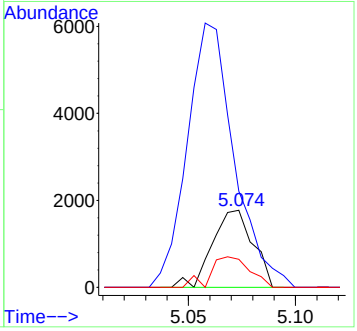


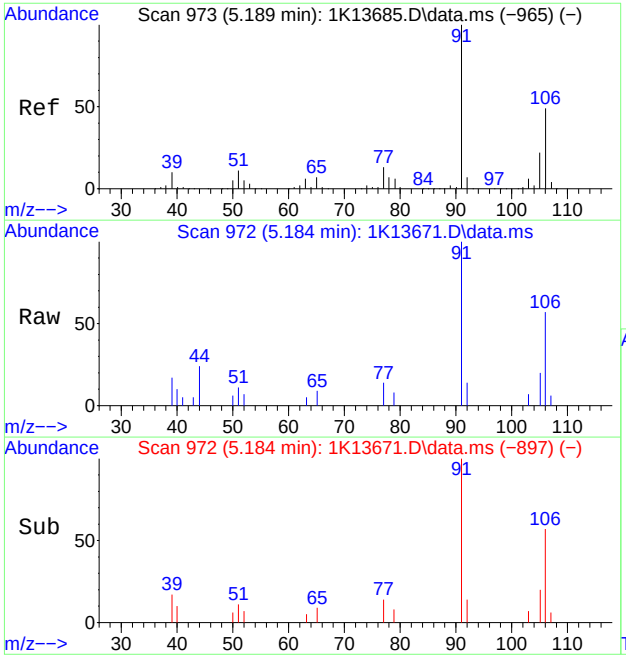


#85
chlorobenzene
Concen: 0.20 ug/L
RT: 5.074 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:112 Resp: 2344

Ion	Ratio	Lower	Upper
112	100		
77	109.4	33.8	93.8#
114	36.4	2.0	62.0

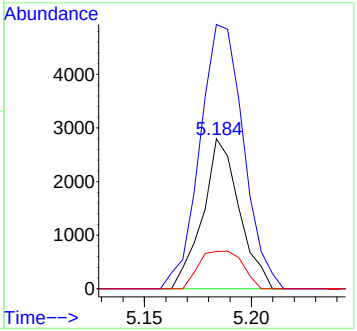


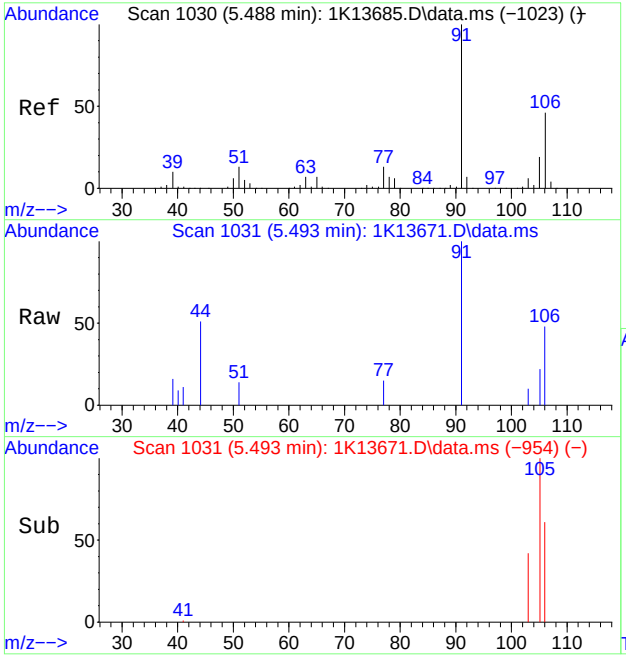


#88
m,p-xylene
Concen: 0.41 ug/L
RT: 5.184 min Scan# 972
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:106 Resp: 3335

Ion	Ratio	Lower	Upper
106	100		
91	176.2	172.8	232.8
77	24.9	5.8	45.8

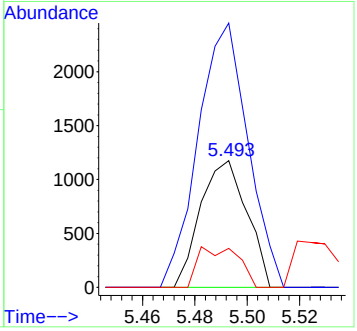


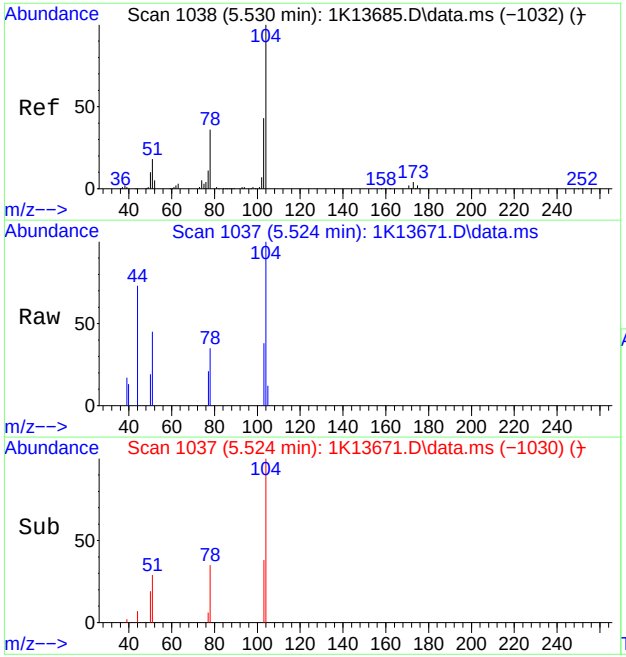


#89
o-xylene
Concen: 0.18 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:106 Resp: 1453

Ion	Ratio	Lower	Upper
106	100		
91	208.9	186.3	246.3
77	30.8	7.1	47.1

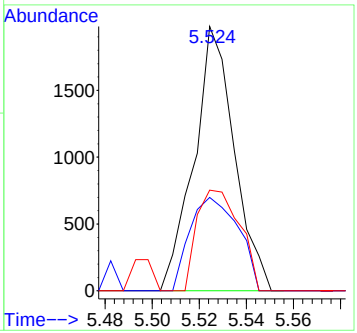


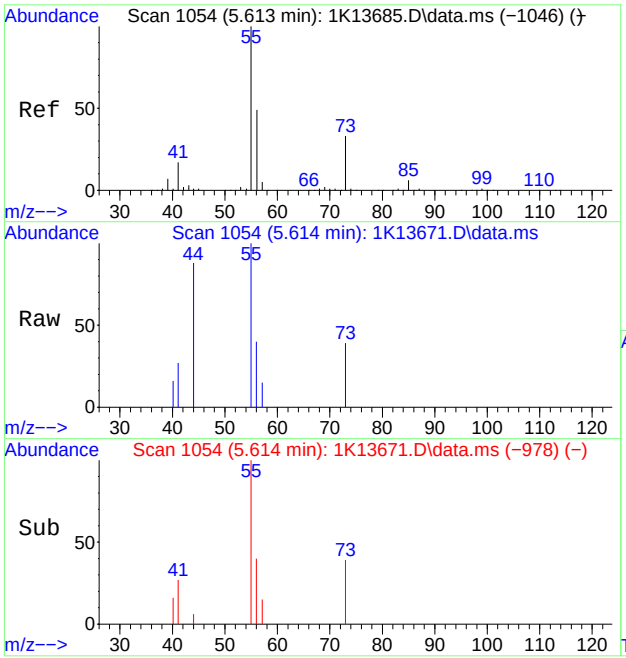


#90
styrene
Concen: 0.18 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:104 Resp: 2358

Ion	Ratio	Lower	Upper
104	100		
78	35.3	10.4	70.4
103	38.1	17.6	77.6

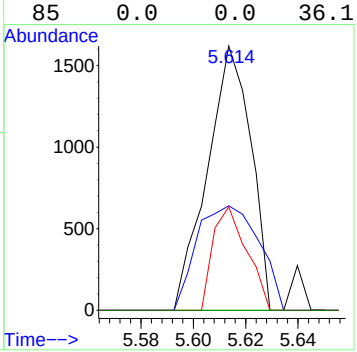


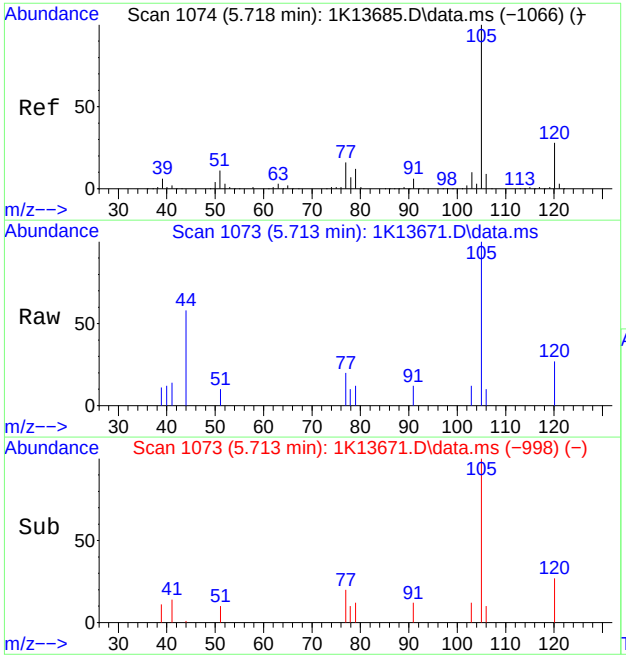


#92
butyl acrylate
Concen: 0.16 ug/L
RT: 5.614 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 55 Resp: 1877

Ion	Ratio	Lower	Upper
55	100		
56	39.5	19.4	79.4
73	39.1	3.4	63.4
85	0.0	0.0	36.1

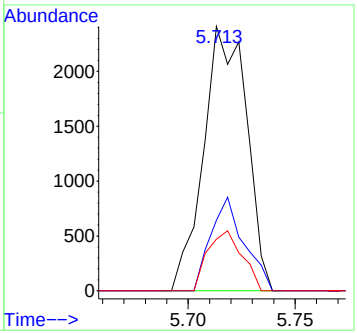


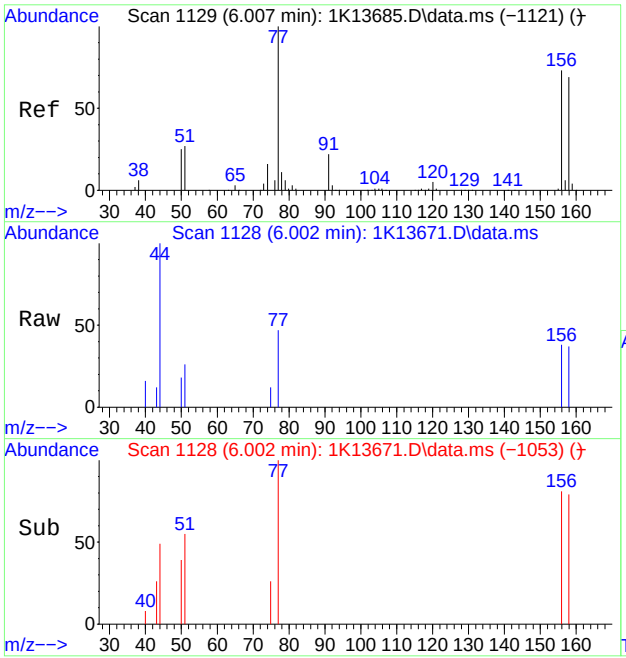


#93
isopropylbenzene
Concen: 0.18 ug/L
RT: 5.713 min Scan# 1073
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:105 Resp: 3367

Ion	Ratio	Lower	Upper
105	100		
120	26.7	7.6	47.6
77	19.6	0.0	35.6

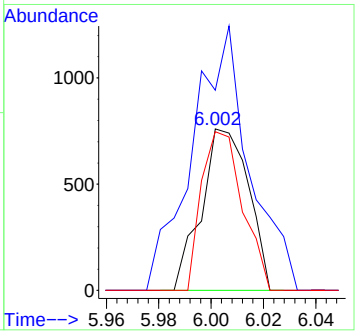


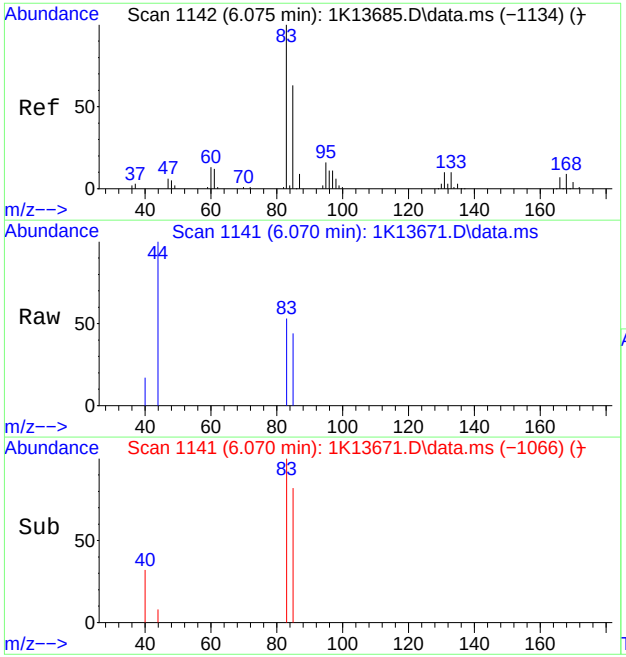


#98
bromobenzene
Concen: 0.20 ug/L
RT: 6.002 min Scan# 1128
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:156 Resp: 957

Ion	Ratio	Lower	Upper
156	100		
77	90.5	121.4	181.4#
158	98.3	64.8	124.8

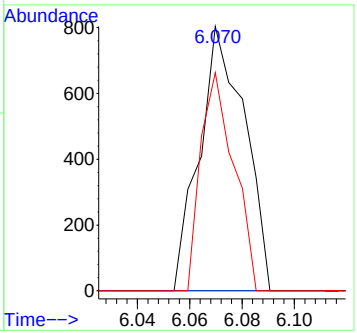


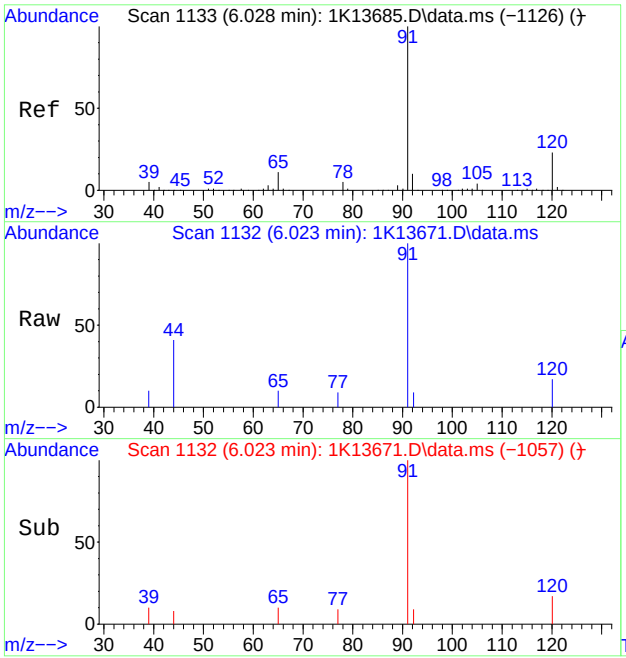


#99
1,1,2,2-tetrachloroethane
Concen: 0.17 ug/L
RT: 6.070 min Scan# 1141
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 83 Resp: 970

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	40.4
85	82.5	33.3	93.3

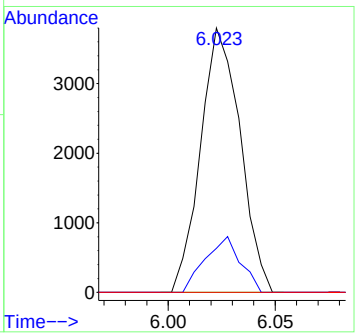


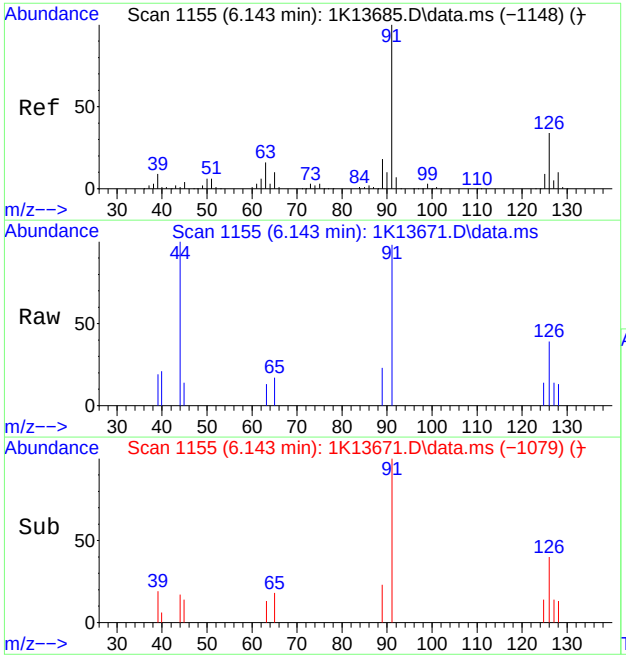


#102
n-propylbenzene
Concen: 0.21 ug/L
RT: 6.023 min Scan# 1132
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 91 Resp: 4896

Ion	Ratio	Lower	Upper
91	100		
120	16.6	0.0	53.1
105	0.0	0.0	33.8

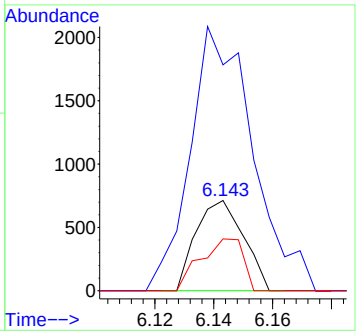


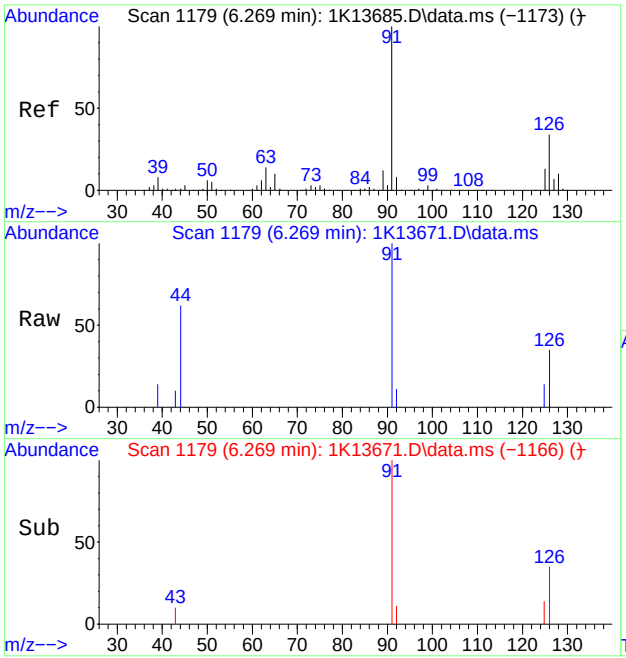


#103
2-chlorotoluene
Concen: 0.17 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:126 Resp: 802

Ion	Ratio	Lower	Upper
126	100		
91	219.0	265.3	325.3#
89	57.6	24.5	84.5

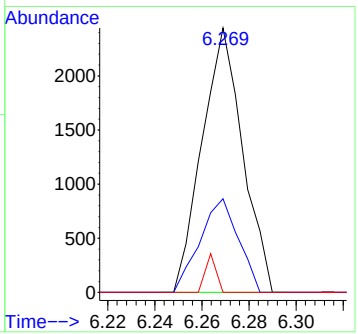


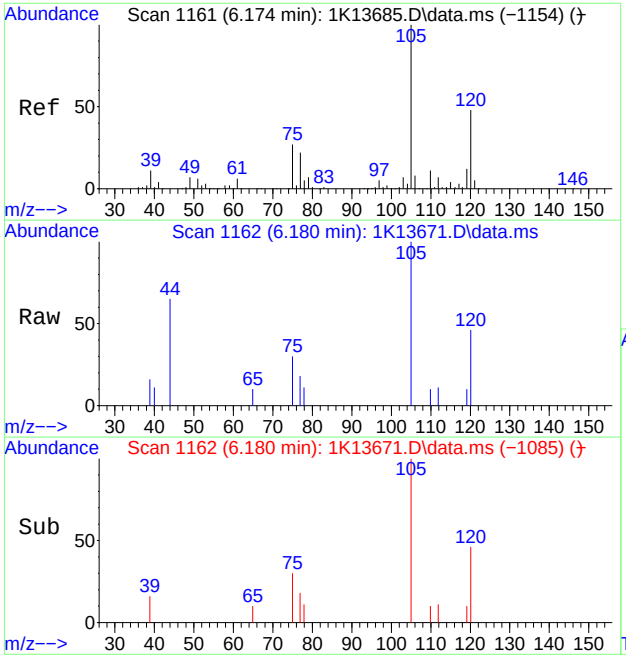


#104
4-chlorotoluene
Concen: 0.20 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 91 Resp: 2926

Ion	Ratio	Lower	Upper
91	100		
126	35.4	3.8	63.8
89	0.0	0.0	41.7

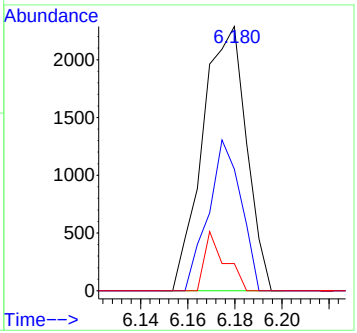


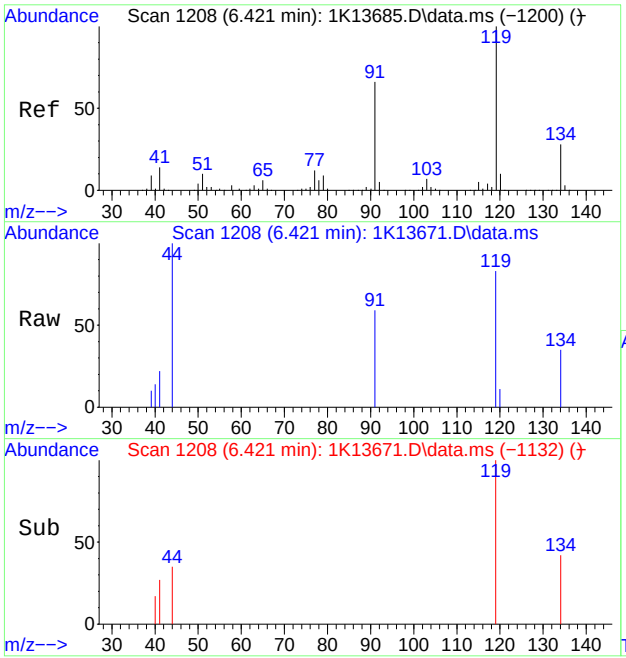


#105
1,3,5-trimethylbenzene
Concen: 0.18 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:105 Resp: 2959

Ion	Ratio	Lower	Upper
105	100		
120	46.0	18.3	78.3
119	10.3	0.0	42.2

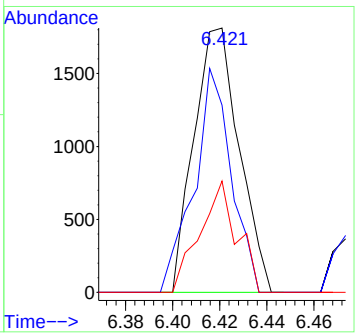


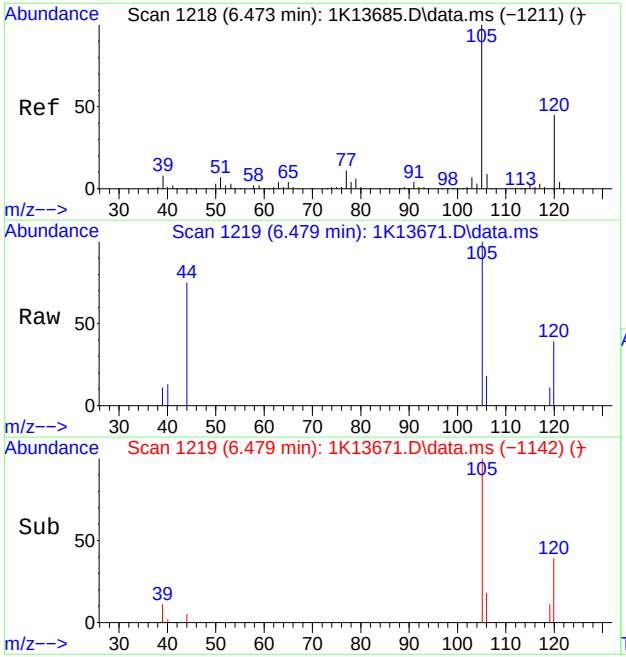


#106
tert-butylbenzene
Concen: 0.18 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:119 Resp: 2425

Ion	Ratio	Lower	Upper
119	100		
91	70.8	36.3	96.3
134	42.1	0.0	57.5

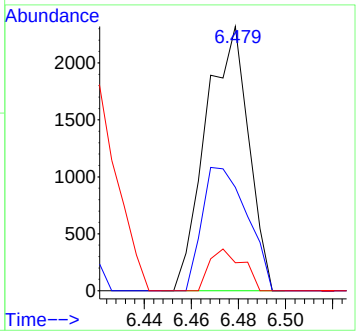


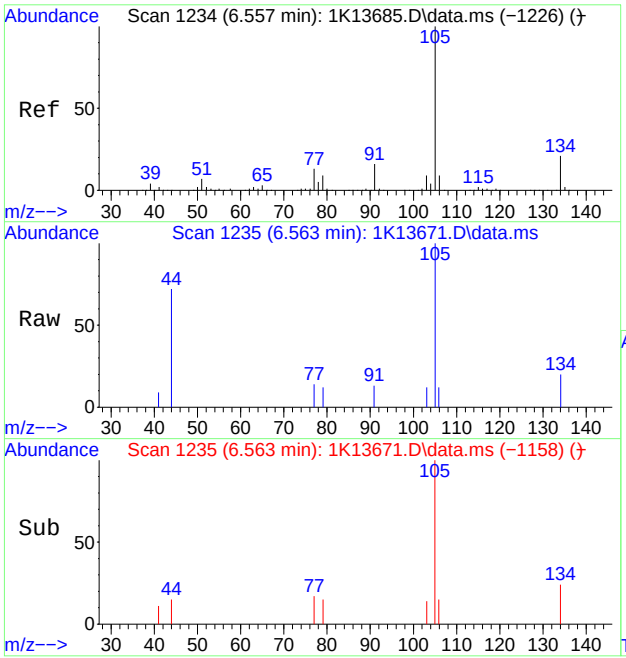


#107
1,2,4-trimethylbenzene
Concen: 0.17 ug/L
RT: 6.479 min Scan# 1219
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:105 Resp: 2935

Ion	Ratio	Lower	Upper
105	100		
120	39.1	16.6	76.6
119	10.6	0.0	41.7

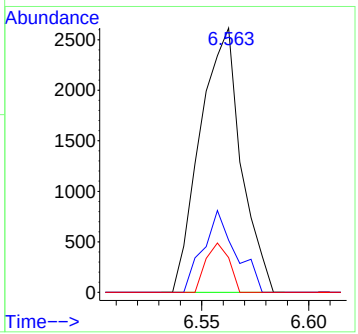


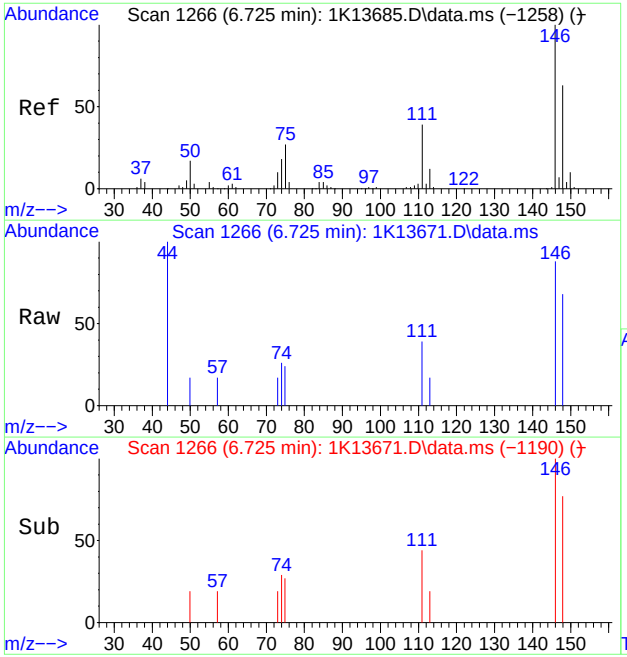


#108
sec-butylbenzene
Concen: 0.18 ug/L
RT: 6.563 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:105 Resp: 3481

Ion	Ratio	Lower	Upper
105	100		
134	19.7	0.0	50.7
91	13.1	0.0	45.7

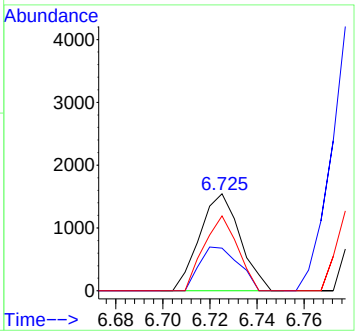


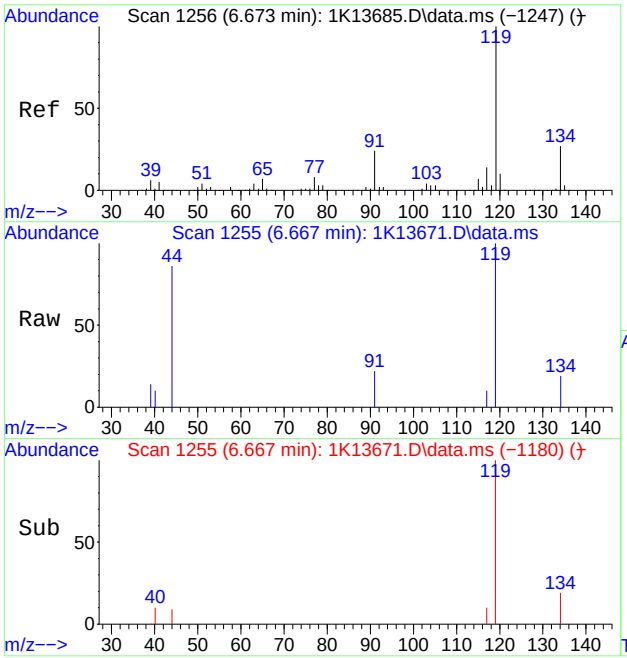


#109
1,3-dichlorobenzene
Concen: 0.20 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:146 Resp: 1850

Ion	Ratio	Lower	Upper
146	100		
111	43.9	8.8	68.8
148	77.4	33.3	93.3

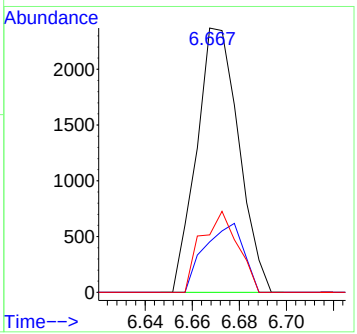


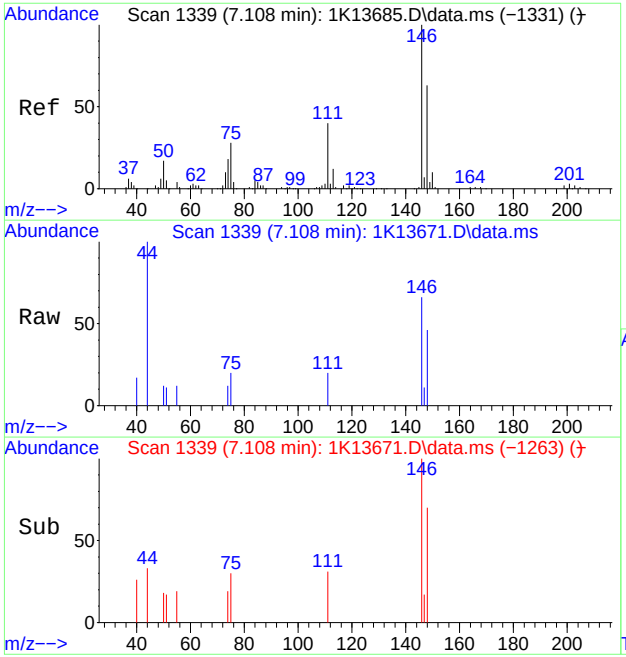


#110
p-isopropyltoluene
Concen: 0.18 ug/L
RT: 6.667 min Scan# 1255
Delta R.T. -0.005 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:119 Resp: 2956

Ion	Ratio	Lower	Upper
119	100		
134	19.1	0.0	57.5
91	21.8	0.0	53.9

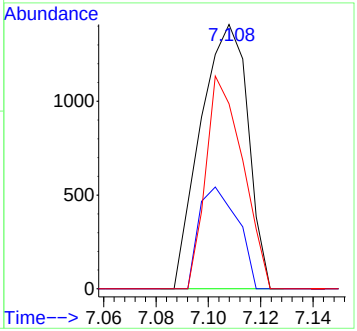


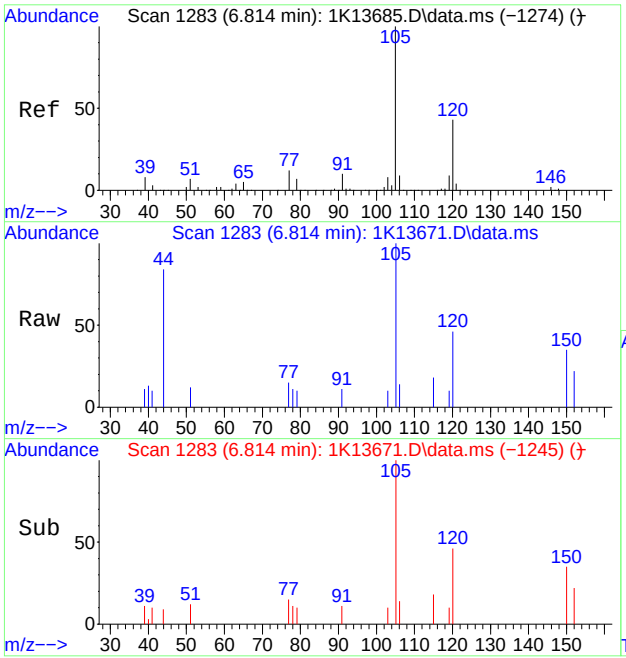


#112
1,2-dichlorobenzene
Concen: 0.20 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:146 Resp: 1775

Ion	Ratio	Lower	Upper
146	100		
111	30.9	9.5	69.5
148	69.9	32.9	92.9

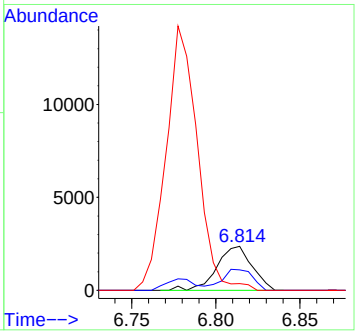


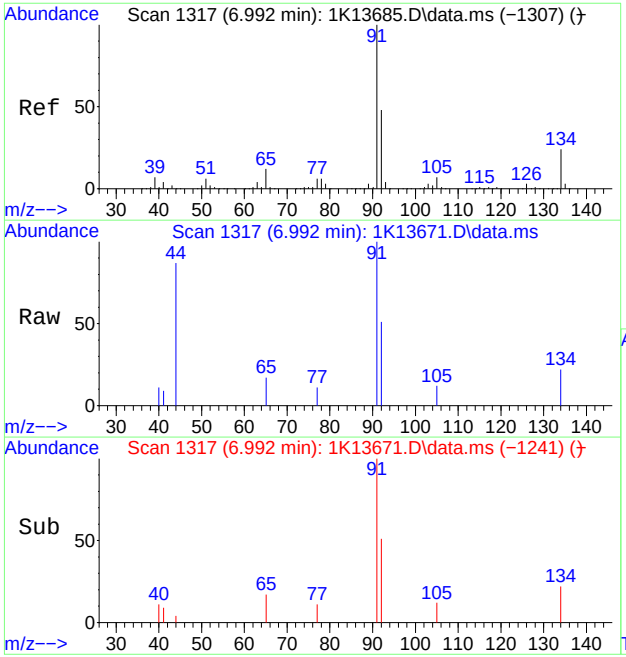


#113
1,2,3-trimethylbenzene
Concen: 0.20 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:105 Resp: 3463

Ion	Ratio	Lower	Upper
105	100		
120	46.3	13.3	73.3
77	15.3	0.0	42.2

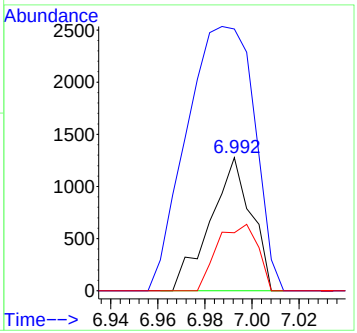


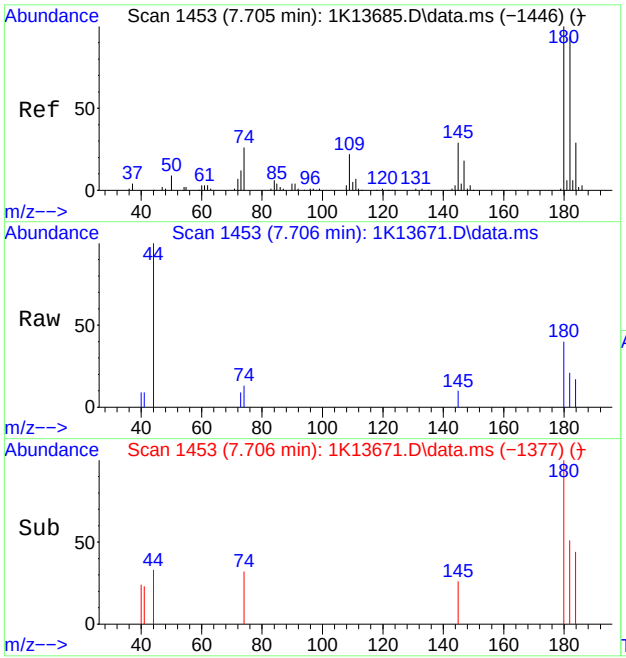


#114
n-butylbenzene
Concen: 0.17 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion: 92 Resp: 1552

Ion	Ratio	Lower	Upper
92	100		
91	196.7	176.9	236.9
134	43.6	18.8	78.8

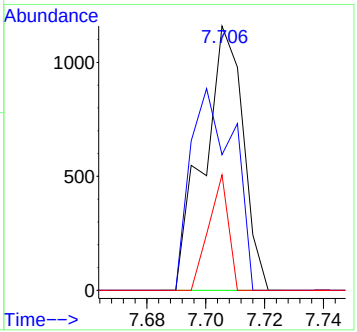


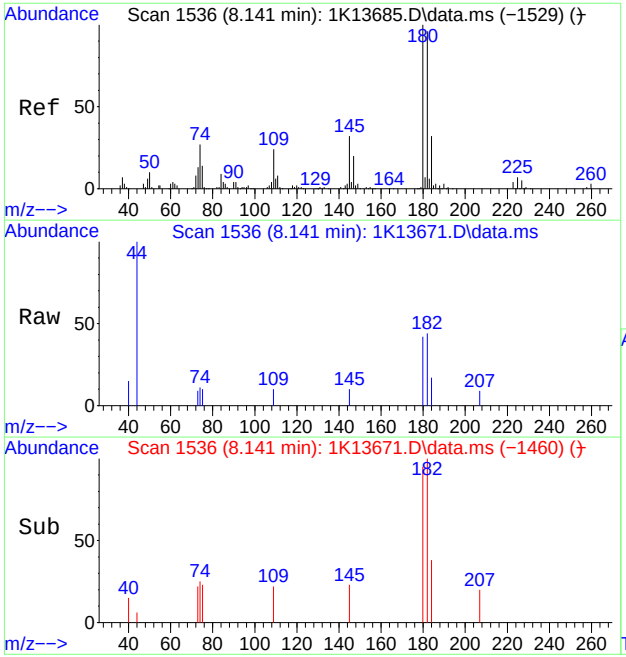


#116
1,3,5-trichlorobenzene
Concen: 0.18 ug/L
RT: 7.706 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:180 Resp: 1081

Ion	Ratio	Lower	Upper
180	100		
182	51.3	74.2	114.2#
184	43.6	9.3	49.3

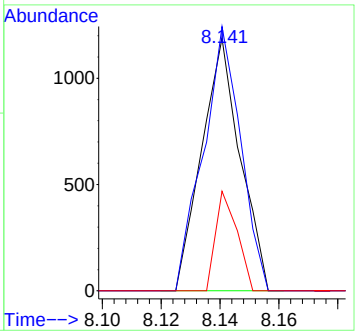


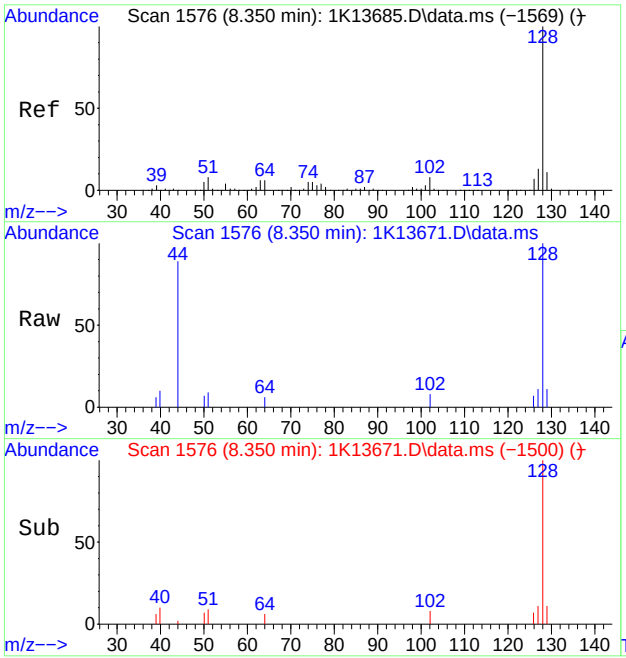


#117
1,2,4-trichlorobenzene
Concen: 0.19 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:180 Resp: 1078

Ion	Ratio	Lower	Upper
180	100		
182	104.7	66.2	126.2
184	39.5	1.6	61.6

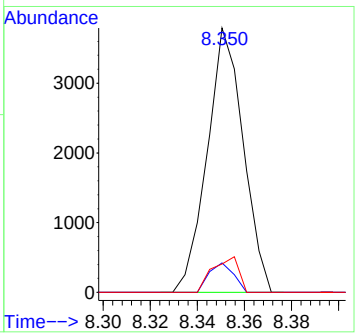


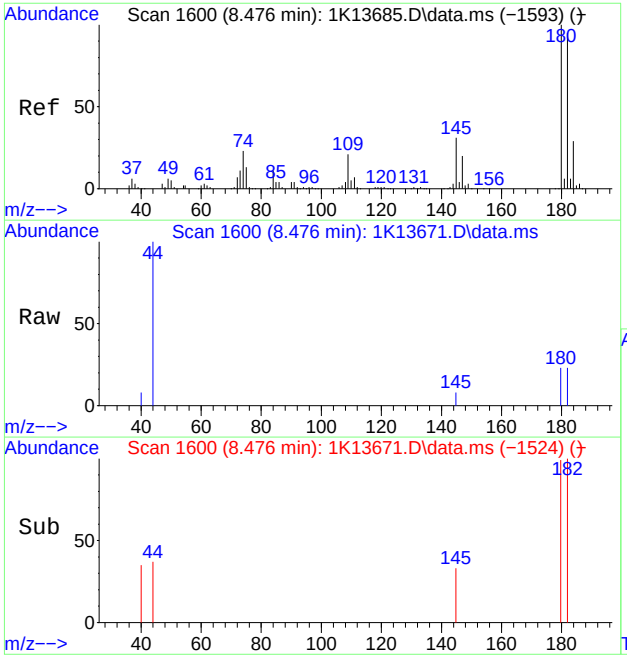


#119
naphthalene
Concen: 0.21 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:128 Resp: 4043

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.7
127	10.7	0.0	42.5

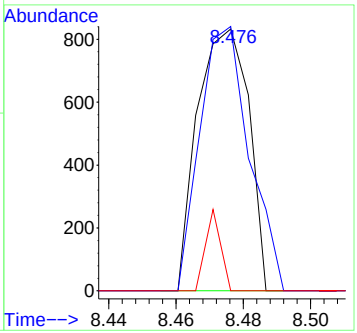




#120
1,2,3-trichlorobenzene
Concen: 0.17 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K13671.D
Acq: 2 Dec 2023 1:45 pm

Tgt Ion:180 Resp: 880

Ion	Ratio	Lower	Upper
180	100		
182	101.0	64.7	124.7
184	0.0	0.0	59.2



7.6.14

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13673.D
Acq On : 2 Dec 2023 2:17 pm
Operator : PrashanS
Sample : IC376-0.5
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 04 15:38:41 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	478508	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	503097	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	907992	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	769056	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	381162	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	503097	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	381162	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	252238	49.84	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.68%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	297562	50.62	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 101.24%				
73) toluene-d8 (s)	4.061	98	1040274	49.34	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%				
97) 4-bromofluorobenzene (s)	5.923	95	375402	50.01	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.02%				
Target Compounds							Qvalue
2) ethanol	1.671	45	6305	61.84	ug/L		94
3) tertiary butyl alcohol	2.090	59	3480	2.83	ug/L		78
4) 1,4-dioxane	3.694	88	1295	13.79	ug/L		80
6) chlorodifluoromethane	1.120	51	3686	0.58	ug/L		89
7) dichlorodifluoromethane	1.099	85	1668	0.45	ug/L		86
8) chloromethane	1.199	50	2229	0.51	ug/L		89
9) vinyl chloride	1.230	62	2178	0.42	ug/L		74
10) 1,3-butadiene	1.235	39	2826	0.58	ug/L		93
13) trichlorofluoromethane	1.492	101	3034	0.58	ug/L		95
14) ethyl ether	1.618	74	1307	0.54	ug/L	#	66
15) acrolein	1.859	56	620	0.52	ug/L		72
16) freon 113	1.728	151	1778	0.58	ug/L		88
17) 1,1-dichloroethene	1.718	61	3158	0.53	ug/L		95
21) carbon disulfide	1.755	76	6468	0.56	ug/L		95
22) methylene chloride	1.975	84	2373	0.56	ug/L	#	73
24) methyl tert butyl ether	2.074	73	6710	0.52	ug/L		92
25) trans-1,2-dichloroethene	2.043	96	2162	0.54	ug/L		88
26) hexane	2.069	57	6024	0.54	ug/L	#	77
27) di-isopropyl ether	2.232	45	6974	0.49	ug/L		92
28) ethyl tert-butyl ether	2.399	59	6915	0.46	ug/L		94
29) 2-butanone	2.819	72	2005	1.76	ug/L	#	75
30) 1,1-dichloroethane	2.316	63	4374	0.57	ug/L		92
31) chloroprene	2.300	53	3570	0.47	ug/L		90
32) acrylonitrile	2.336	52	1059	0.46	ug/L		87
35) 2,2-dichloropropane	2.620	77	3412	0.52	ug/L		94
36) cis-1,2-dichloroethene	2.562	96	2568	0.55	ug/L		92
37) propionitrile	2.976	54	6980	5.15	ug/L	#	1
39) bromochloromethane	2.662	128	978	0.46	ug/L		96
41) chloroform	2.683	47	1571	0.63	ug/L		87
44) 1,1,1-trichloroethane	2.798	97	3443	0.51	ug/L		96
45) cyclohexane	2.672	84	3368	0.46	ug/L		91
46) 1,1-dichloropropene	2.856	75	2956	0.51	ug/L		91
47) carbon tetrachloride	2.766	117	3504	0.62	ug/L	#	65
49) tert-amyl alcohol	3.086	55	1165	2.37	ug/L	#	78
52) iso-octane	2.898	57	7211	0.53	ug/L		85
53) benzene	2.976	78	9209	0.51	ug/L		95
54) tert-amyl methyl ether	3.018	73	7313	0.51	ug/L		92
55) heptane	2.939	57	1595	0.62	ug/L		85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13673.D
Acq On : 2 Dec 2023 2:17 pm
Operator : PrashanS
Sample : IC376-0.5
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 04 15:38:41 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 1,2-dichloroethane	3.076	62	3950	0.65	ug/L		96
58) n-butyl alcohol	3.401	56	8231	21.49	ug/L		90
59) ethyl acrylate	3.537	55	3897	0.47	ug/L		86
60) trichloroethene	3.275	130	2197	0.50	ug/L		86
61) 2-nitropropane	4.224	41	1313	0.58	ug/L	#	34
64) 1,2-dichloropropane	3.558	63	2455	0.53	ug/L		87
65) methylcyclohexane	3.275	98	1714	0.49	ug/L	#	1
66) dibromomethane	3.500	93	1435	0.56	ug/L	#	72
67) bromodichloromethane	3.584	83	2994	0.51	ug/L		92
68) epichlorohydrin	4.093	57	2156	2.31	ug/L	#	26
69) cis-1,3-dichloropropene	3.946	75	3540	0.54	ug/L		93
70) 4-methyl-2-pentanone	4.308	58	4963	1.82	ug/L		96
71) 3-methyl-1-butanol	4.156	70	2820	9.11	ug/L	#	68
74) toluene	4.093	92	5621	0.48	ug/L		97
75) ethyl methacrylate	4.423	69	2987	0.46	ug/L		97
76) trans-1,3-dichloropropene	4.339	75	3297	0.47	ug/L		92
77) 1,1,2-trichloroethane	4.444	83	1531	0.46	ug/L		94
78) tetrachloroethene	4.334	166	2119	0.45	ug/L		94
79) 2-hexanone	4.848	58	6119	2.04	ug/L		92
80) 1,3-dichloropropane	4.622	76	3644	0.49	ug/L		89
81) butyl acetate	4.785	56	2119	0.53	ug/L		93
82) dibromochloromethane	4.560	129	2002	0.53	ug/L		94
83) 1,2-dibromoethane	4.722	107	2105	0.51	ug/L		85
84) n-butyl ether	4.989	57	10645	0.51	ug/L		94
85) chlorobenzene	5.068	112	6115	0.52	ug/L	#	57
86) 1,1,1,2-tetrachloroethane	5.110	131	1757	0.43	ug/L	#	68
87) ethylbenzene	5.084	91	13135	0.62	ug/L		90
88) m,p-xylene	5.189	106	8550	1.03	ug/L		91
89) o-xylene	5.488	106	3964	0.52	ug/L		99
90) styrene	5.529	104	6979	0.56	ug/L		90
91) bromoform	5.545	173	1233	0.40	ug/L		92
92) butyl acrylate	5.613	55	5541	0.53	ug/L		90
93) isopropylbenzene	5.718	105	9097	0.51	ug/L		95
94) n-amyl acetate	5.807	70	1839	0.45	ug/L	#	74
95) cis-1,4-dichloro-2-butene	5.970	88	1068	0.41	ug/L	#	87
98) bromobenzene	6.001	156	2443	0.50	ug/L		96
99) 1,1,2,2-tetrachloroethane	6.070	83	2808	0.52	ug/L		81
100) trans-1,4-dichloro-2-b...	6.206	53	1215	0.49	ug/L		90
101) 1,2,3-trichloropropane	6.174	110	774	0.39	ug/L		75
102) n-propylbenzene	6.028	91	11620	0.48	ug/L		100
103) 2-chlorotoluene	6.148	126	2253	0.51	ug/L		97
104) 4-chlorotoluene	6.269	91	7858	0.53	ug/L		97
105) 1,3,5-trimethylbenzene	6.174	105	7983	0.50	ug/L		91
106) tert-butylbenzene	6.421	119	6939	0.53	ug/L		97
107) 1,2,4-trimethylbenzene	6.473	105	8231	0.51	ug/L		98
108) sec-butylbenzene	6.557	105	9486	0.51	ug/L		91
109) 1,3-dichlorobenzene	6.725	146	4787	0.51	ug/L		97
110) p-isopropyltoluene	6.672	119	7930	0.50	ug/L		93
111) 1,4-dichlorobenzene	6.793	146	5092	0.53	ug/L		69
112) 1,2-dichlorobenzene	7.102	146	4867	0.54	ug/L		91
113) 1,2,3-trimethylbenzene	6.814	105	8843	0.50	ug/L		97
114) n-butylbenzene	6.992	92	4332	0.51	ug/L		94
115) 1,2-dibromo-3-chloropr...	7.679	157	924	0.45	ug/L		73
116) 1,3,5-trichlorobenzene	7.705	180	3300	0.57	ug/L		91
117) 1,2,4-trichlorobenzene	8.141	180	2829	0.51	ug/L		85
118) hexachlorobutadiene	8.125	225	845	0.43	ug/L		97
119) naphthalene	8.350	128	9886	0.49	ug/L		98
120) 1,2,3-trichlorobenzene	8.471	180	2841	0.58	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13673.D
Acq On : 2 Dec 2023 2:17 pm
Operator : PrashanS
Sample : IC376-0.5
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 04 15:38:41 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

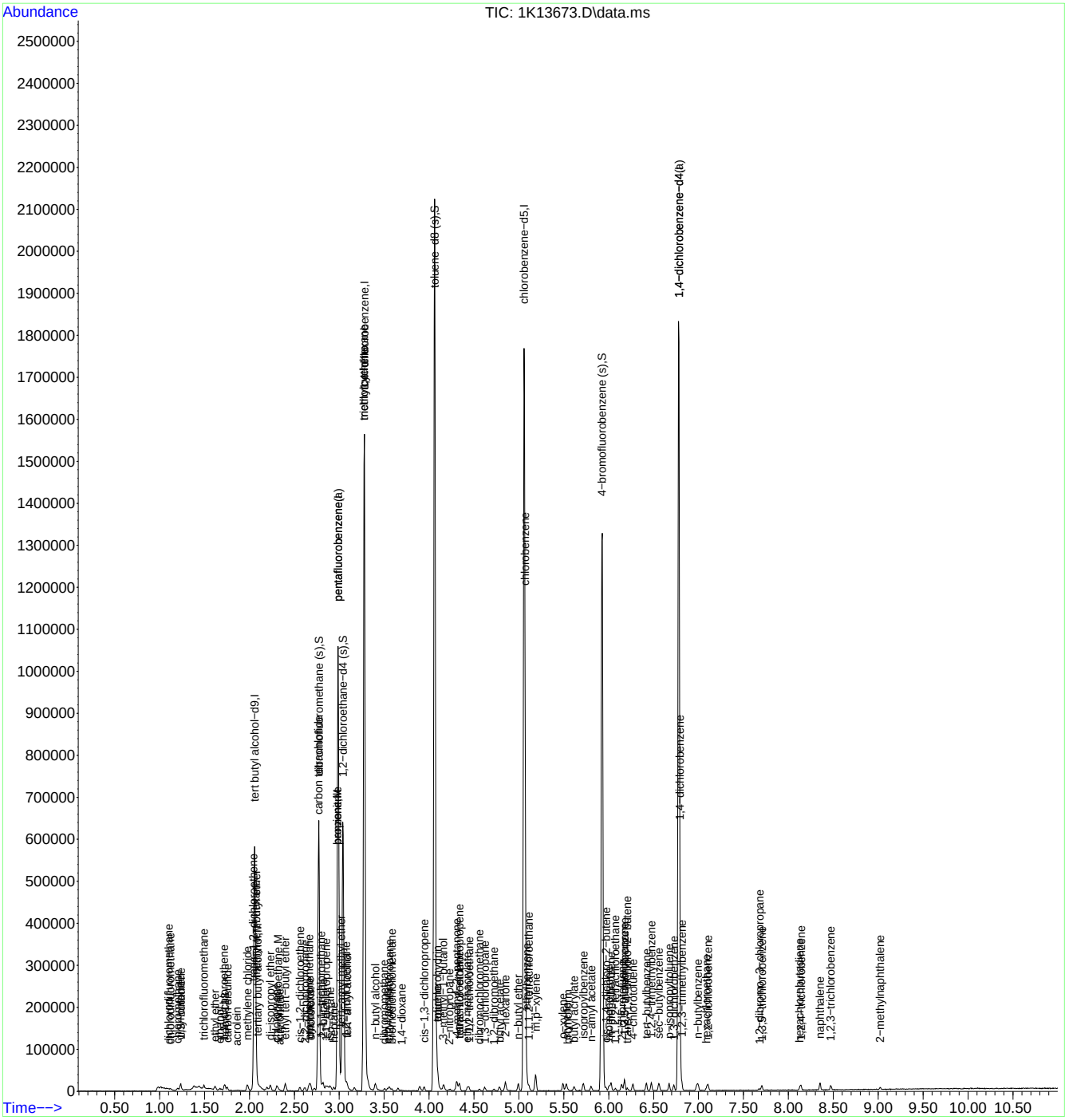
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
121) hexachloroethane	7.087	119	990	0.39	ug/L	83
123) 2-methylnaphthalene	9.021	142	1805	0.22	ug/L	98

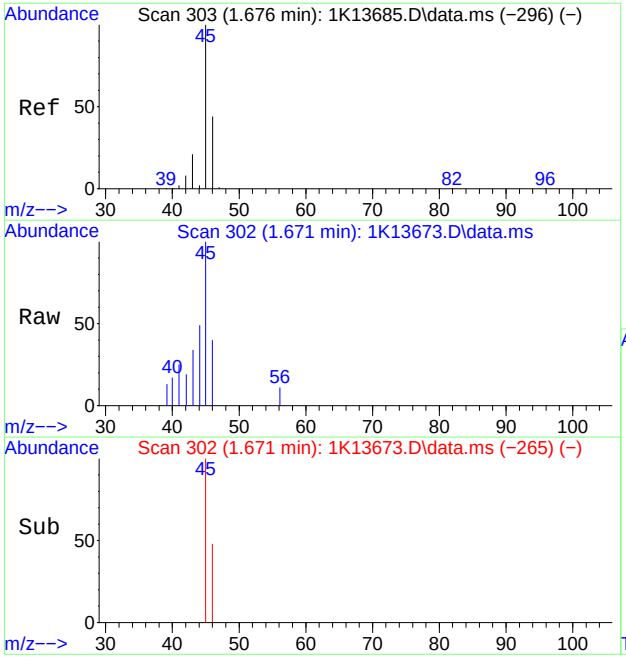
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13673.D
Acq On : 2 Dec 2023 2:17 pm
Operator : PrashanS
Sample : IC376-0.5
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 04 15:38:41 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

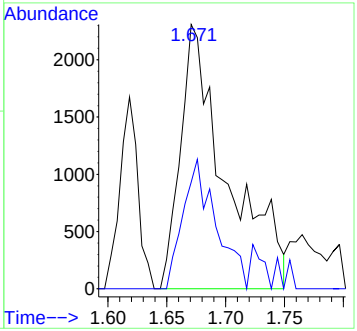


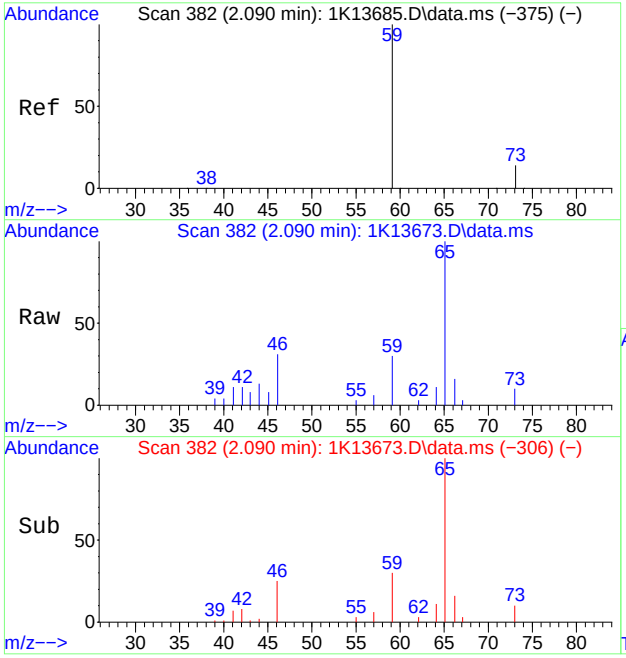


#2
ethanol
Concen: 61.84 ug/L
RT: 1.671 min Scan# 302
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 45 Resp: 6305

Ion	Ratio	Lower	Upper
45	100		
46	40.3	23.9	63.9

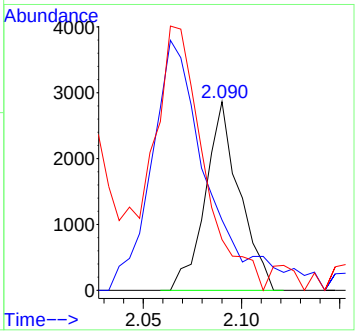


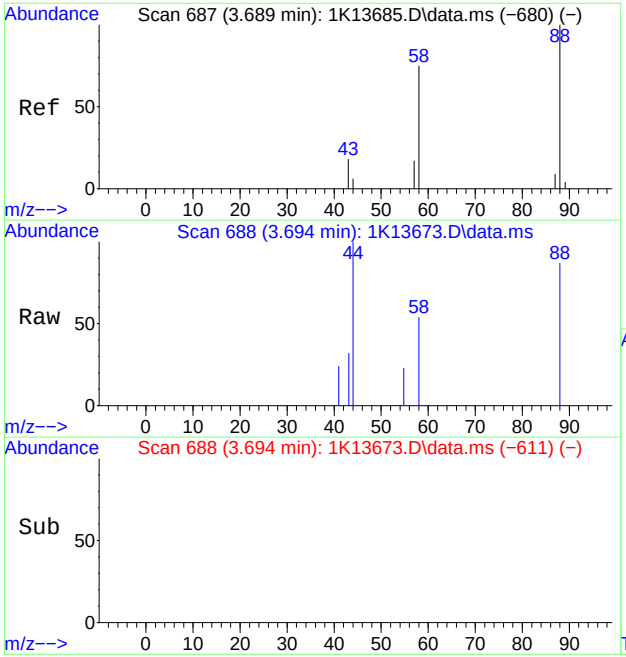


#3
tertiary butyl alcohol
Concen: 2.83 ug/L
RT: 2.090 min Scan# 382
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 59 Resp: 3480

Ion	Ratio	Lower	Upper
59	100		
41	27.8	0.0	30.0
43	13.8	0.0	54.8

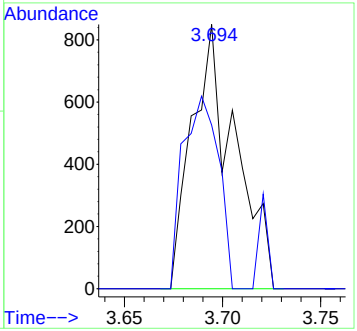


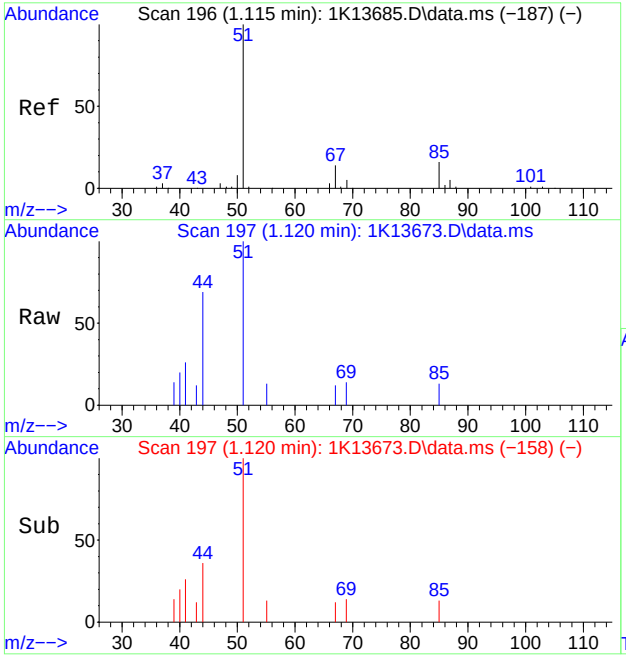


#4
1,4-dioxane
Concen: 13.79 ug/L
RT: 3.694 min Scan# 688
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 88 Resp: 1295

Ion	Ratio	Lower	Upper
88	100		
58	61.9	59.5	99.5

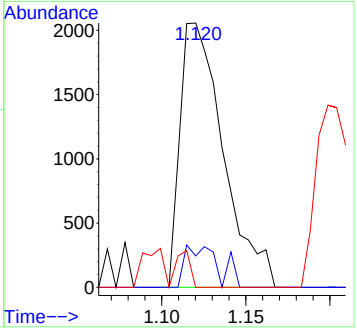


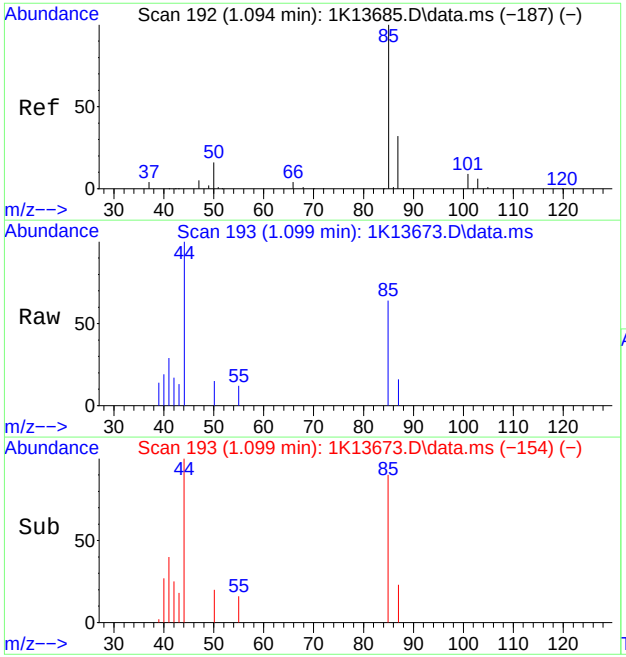


#6
chlorodifluoromethane
Concen: 0.58 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 51 Resp: 3686

Ion	Ratio	Lower	Upper
51	100		
67	11.9	0.0	44.3
50	0.0	0.0	37.7

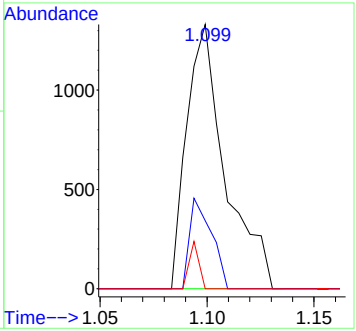


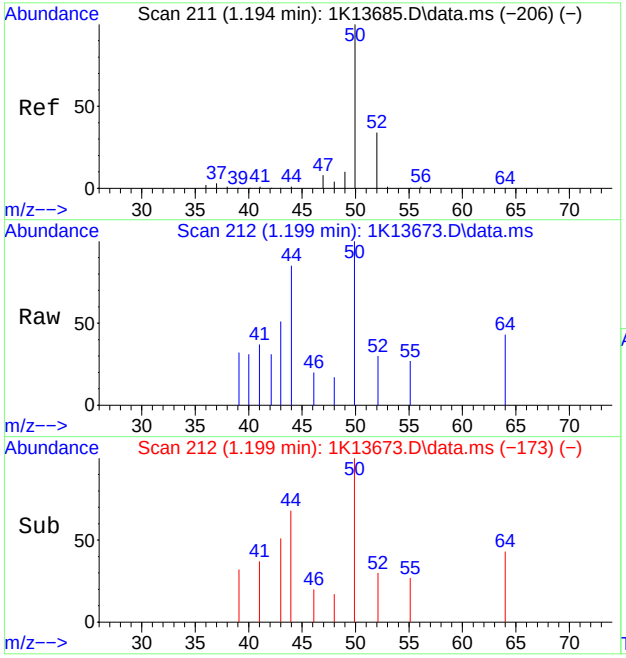


#7
dichlorodifluoromethane
Concen: 0.45 ug/L
RT: 1.099 min Scan# 193
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 85 Resp: 1668

Ion	Ratio	Lower	Upper
85	100		
87	25.8	2.2	62.2
101	0.0	0.0	39.0

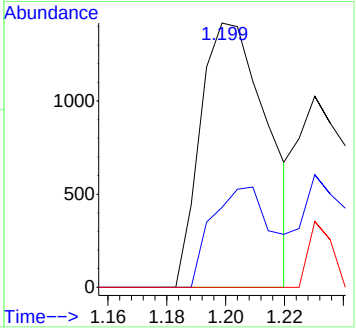


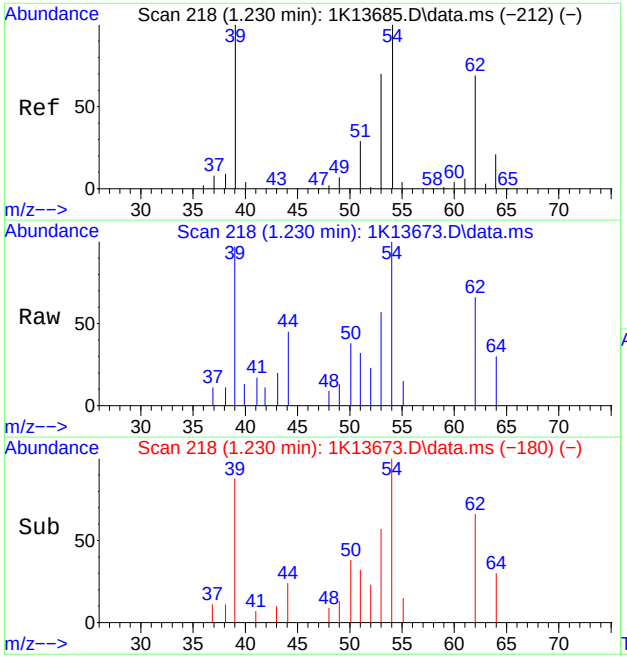


#8
chloromethane
Concen: 0.51 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 50 Resp: 2229

Ion	Ratio	Lower	Upper
50	100		
52	30.2	3.6	63.6
49	0.0	0.0	40.4

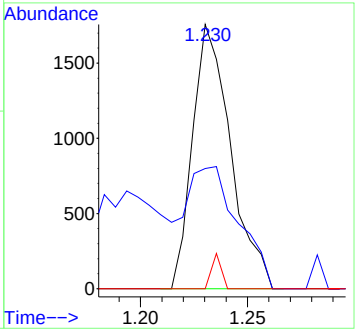


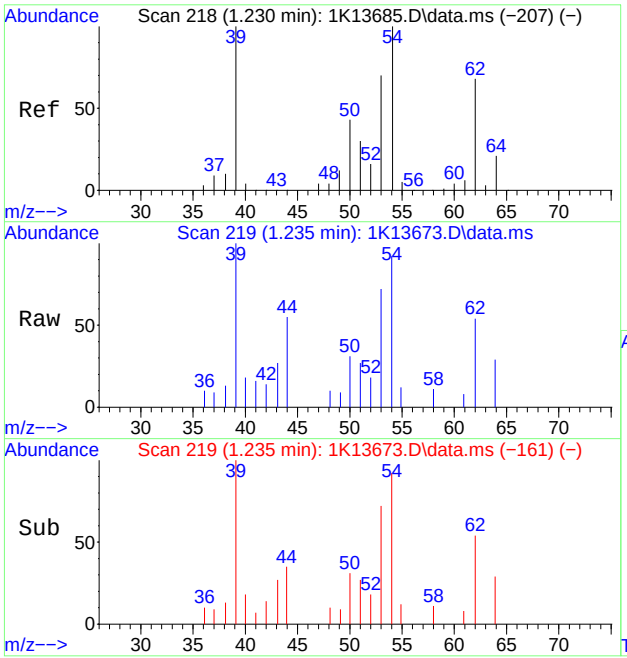


#9
vinyl chloride
Concen: 0.42 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 62 Resp: 2178

Ion	Ratio	Lower	Upper
62	100		
64	45.4	1.3	61.3
61	0.0	0.0	39.1

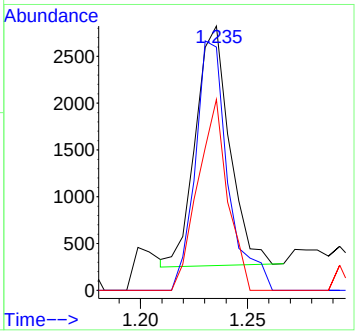




#10
1,3-butadiene
Concen: 0.58 ug/L
RT: 1.235 min Scan# 219
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 39 Resp: 2826

Ion	Ratio	Lower	Upper
39	100		
54	102.4	69.8	129.8
53	80.3	40.1	100.1



7.6.15

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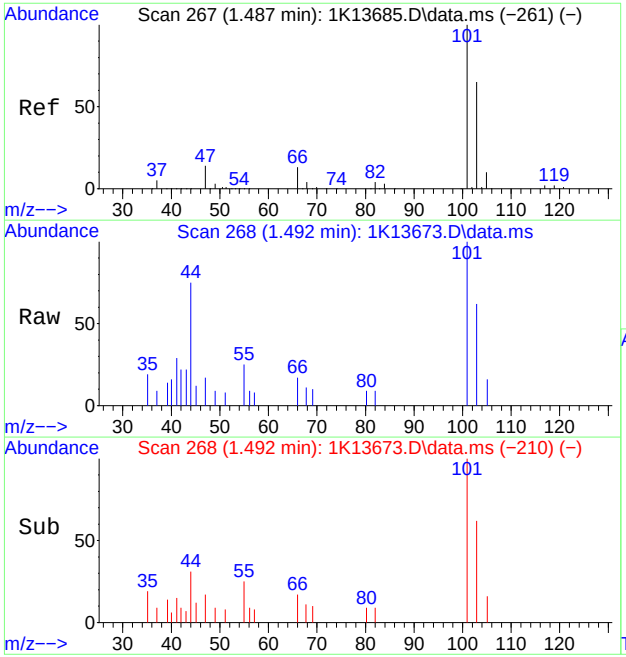
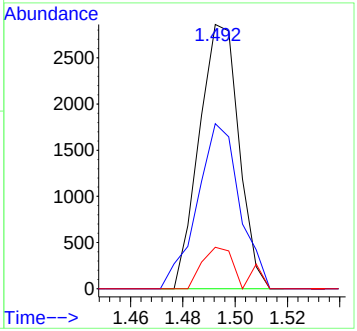
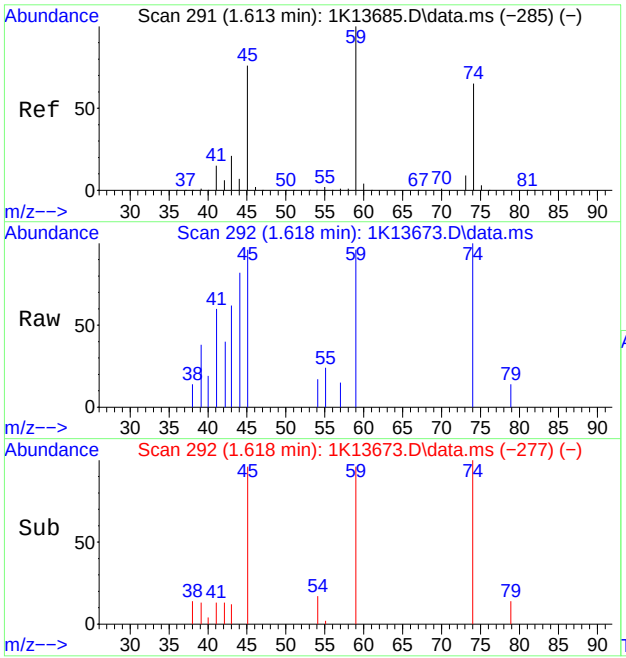


#13
trichlorofluoromethane
Concen: 0.58 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:101 Resp: 3034

Ion	Ratio	Lower	Upper
101	100		
103	62.4	35.0	95.0
105	15.7	0.0	40.5

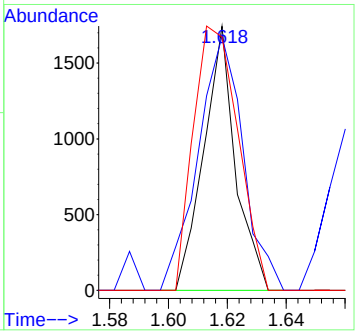


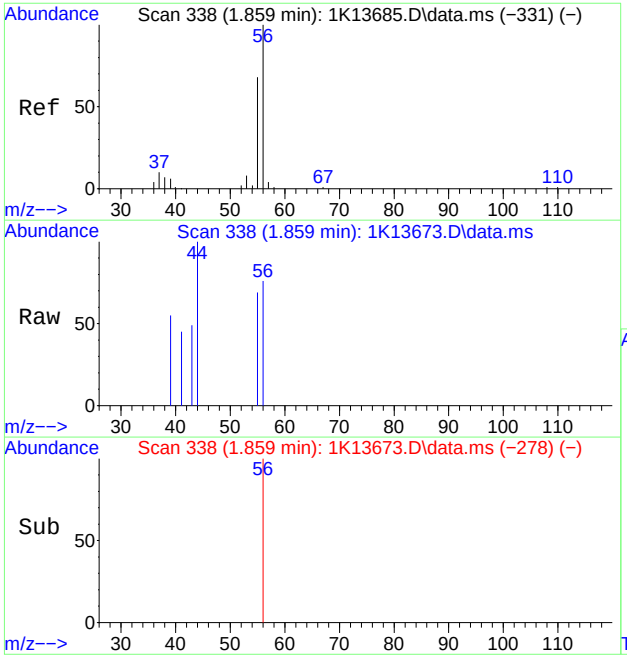


#14
ethyl ether
Concen: 0.54 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 74 Resp: 1307

Ion	Ratio	Lower	Upper
74	100		
45	96.1	87.4	147.4
59	95.9	124.0	184.0#

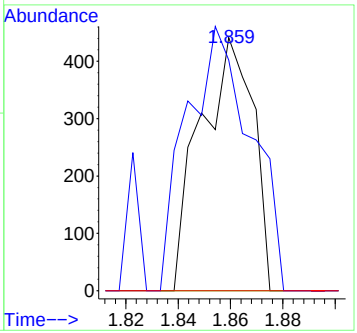


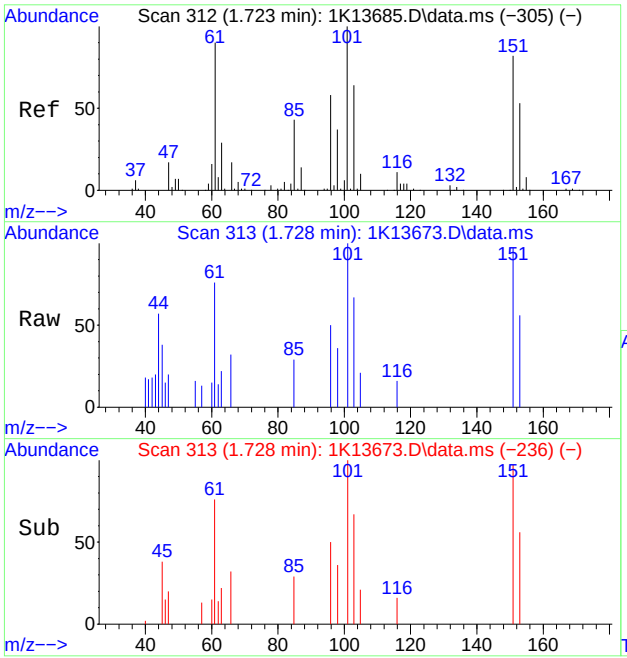


#15
acrolein
Concen: 0.52 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 56 Resp: 620

Ion	Ratio	Lower	Upper
56	100		
55	91.2	38.3	98.3
53	0.0	0.0	38.3

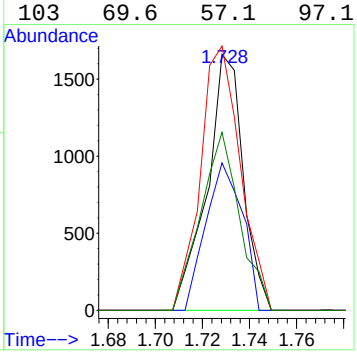


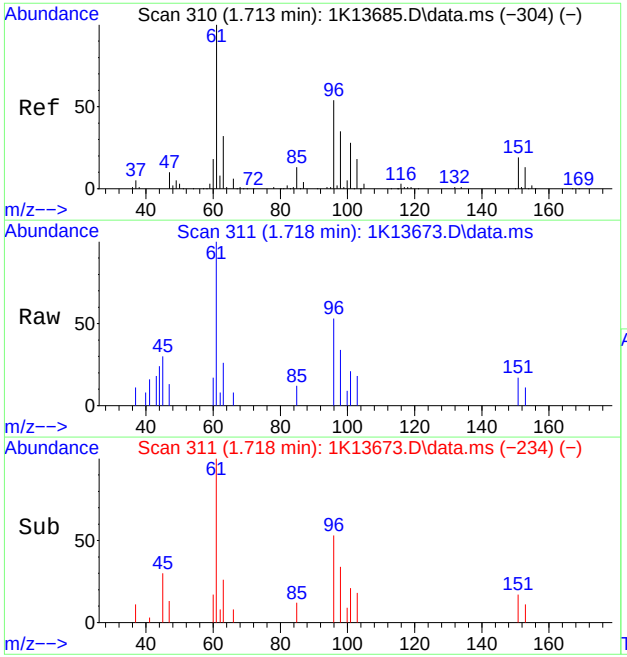


#16
freon 113
Concen: 0.58 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:151 Resp: 1778

Ion	Ratio	Lower	Upper
151	100		
153	57.7	44.1	84.1
101	103.4	101.5	141.5
103	69.6	57.1	97.1

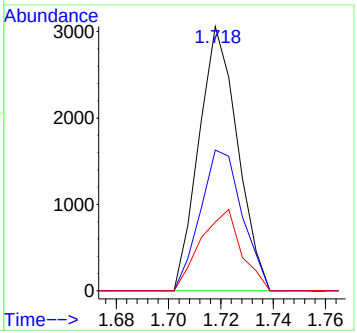


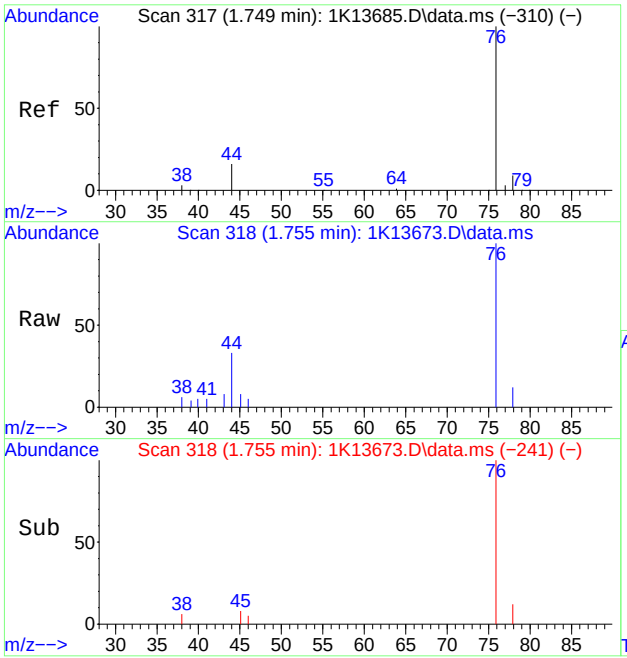


#17
1,1-dichloroethene
Concen: 0.53 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 61 Resp: 3158

Ion	Ratio	Lower	Upper
61	100		
96	53.3	24.4	84.4
63	25.9	2.1	62.1

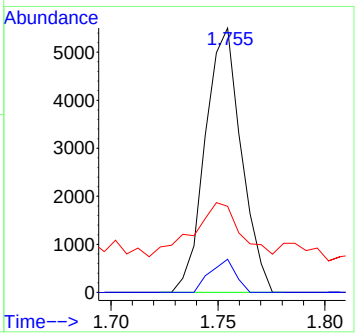




#21
carbon disulfide
Concen: 0.56 ug/L
RT: 1.755 min Scan# 318
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

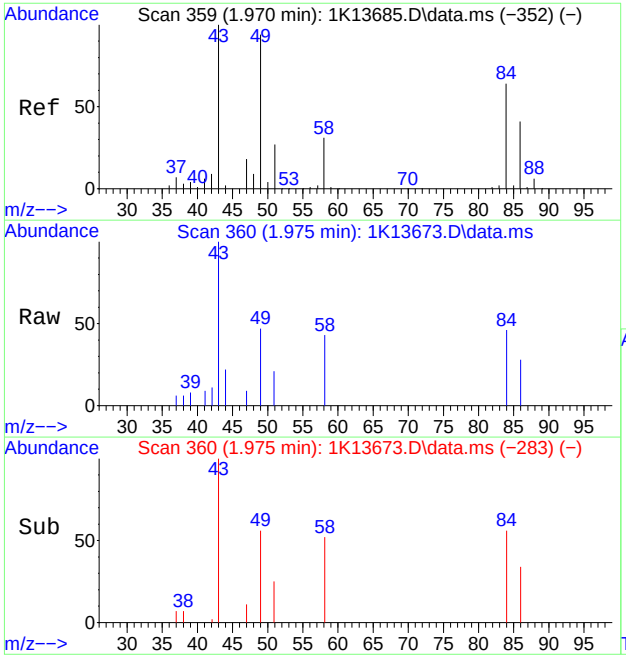
Tgt Ion: 76 Resp: 6468

Ion	Ratio	Lower	Upper
76	100		
78	12.5	0.0	39.2
44	15.4	0.0	46.4



7.6.15

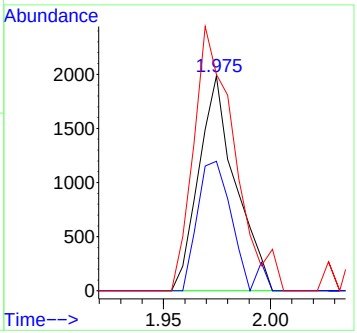
7

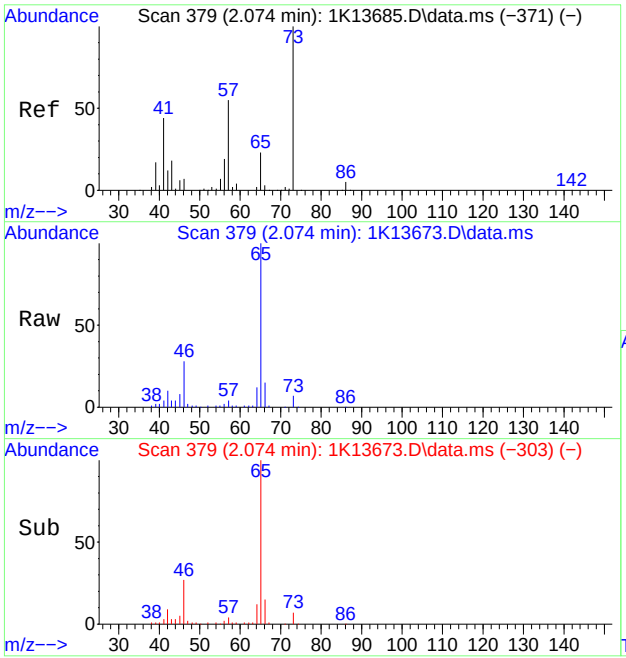


#22
methylene chloride
Concen: 0.56 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 84 Resp: 2373

Ion	Ratio	Lower	Upper
84	100		
86	60.4	33.4	93.4
49	100.8	117.1	177.1#

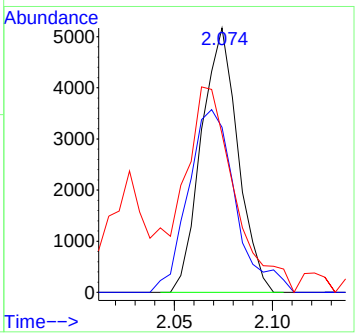


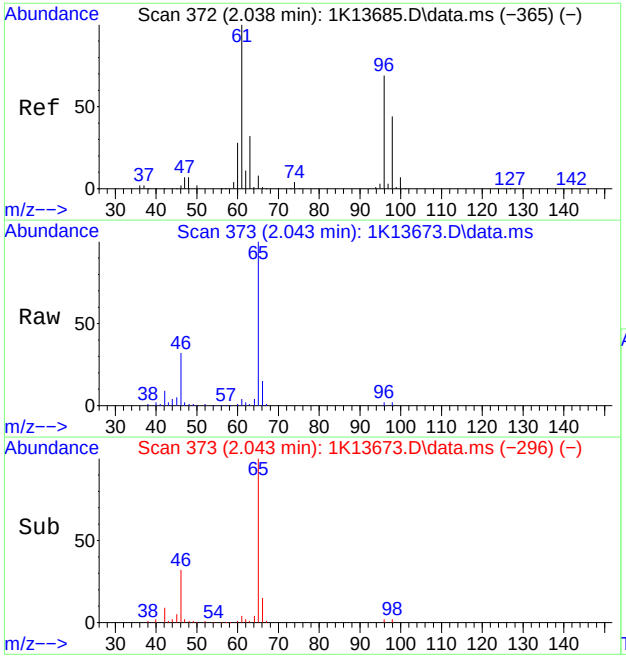


#24
methyl tert butyl ether
Concen: 0.52 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 73 Resp: 6710

Ion	Ratio	Lower	Upper
73	100		
57	58.0	25.1	85.1
43	51.1	12.1	72.1

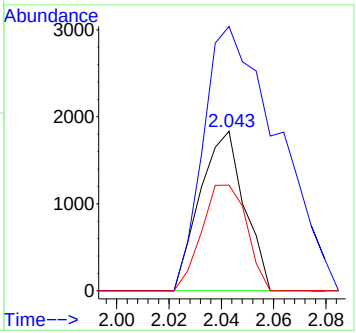


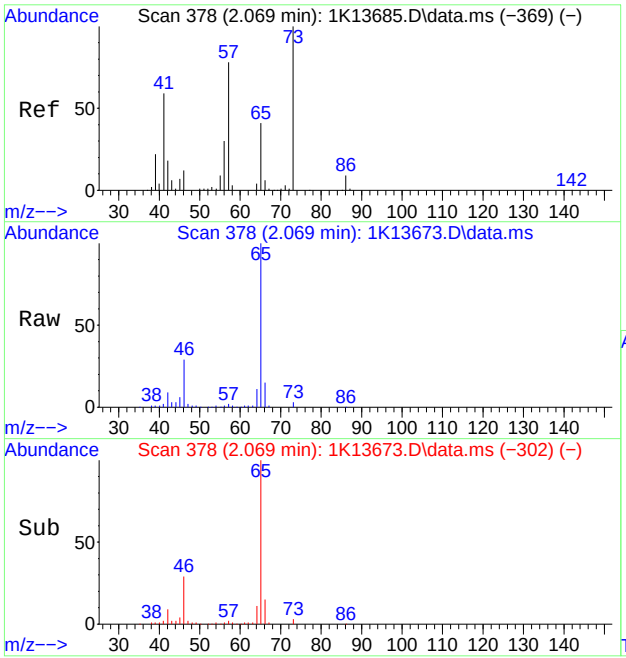


#25
trans-1,2-dichloroethene
Concen: 0.54 ug/L
RT: 2.043 min Scan# 373
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 96 Resp: 2162

Ion	Ratio	Lower	Upper
96	100		
61	165.9	115.9	175.9
98	66.3	34.7	94.7

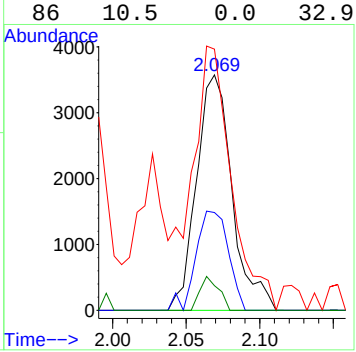


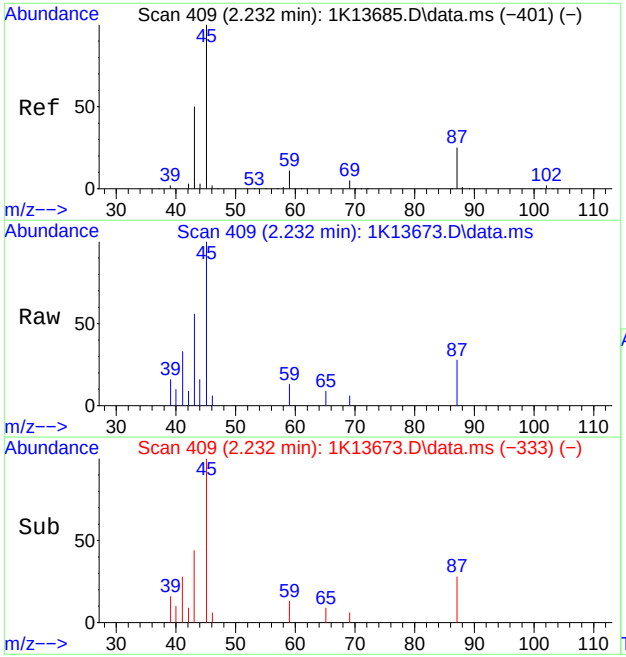


#26
hexane
Concen: 0.54 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 57 Resp: 6024

Ion	Ratio	Lower	Upper
57	100		
56	41.6	18.5	58.5
43	100.7	50.7	90.7#
86	10.5	0.0	32.9

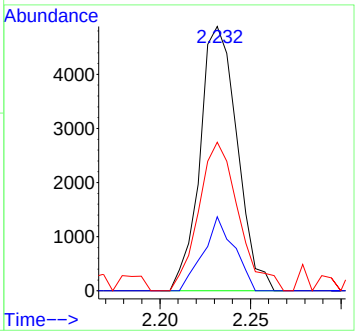


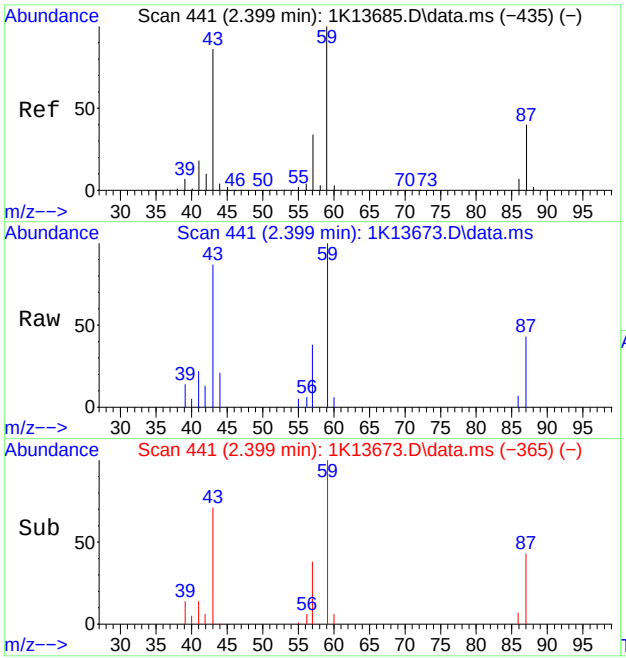


#27
di-isopropyl ether
Concen: 0.49 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 45 Resp: 6974

Ion	Ratio	Lower	Upper
45	100		
87	28.0	0.0	55.4
43	56.2	19.8	79.8

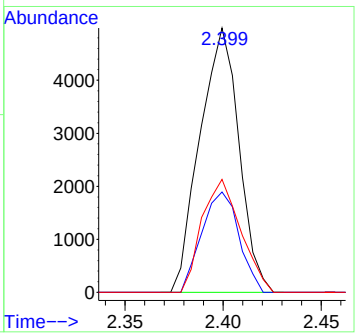


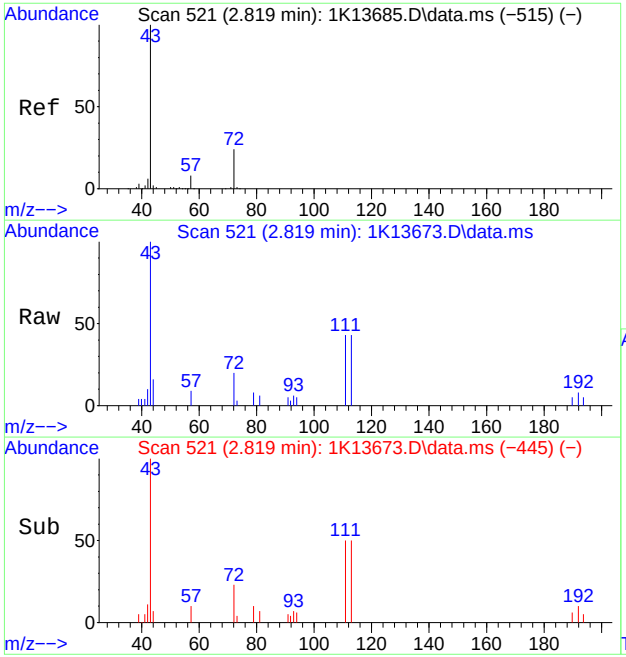


#28
ethyl tert-butyl ether
Concen: 0.46 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 59 Resp: 6915

Ion	Ratio	Lower	Upper
59	100		
57	38.0	3.4	63.4
87	42.7	9.9	69.9

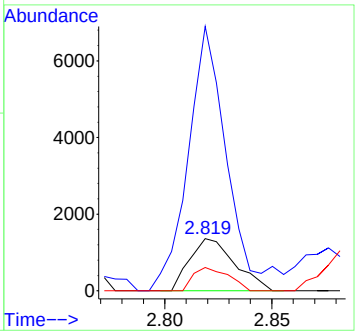


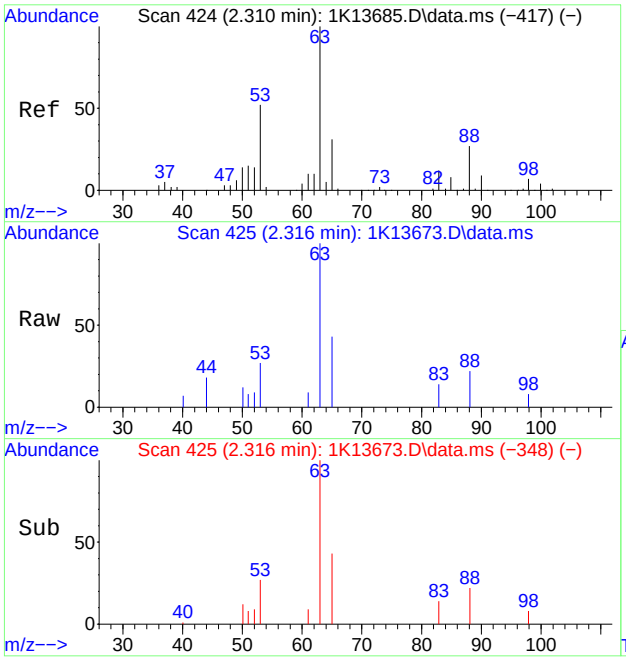


#29
2-butanone
Concen: 1.76 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 72 Resp: 2005

Ion	Ratio	Lower	Upper
72	100		
43	475.1	384.5	444.5#
57	44.6	2.9	62.9

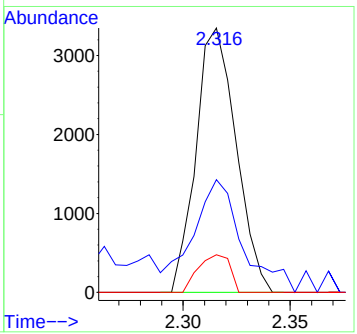


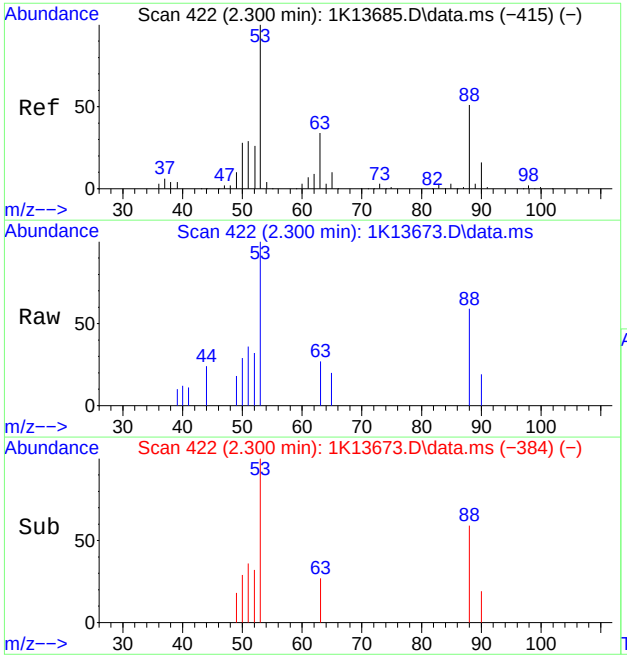


#30
1,1-dichloroethane
Concen: 0.57 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 63 Resp: 4374

Ion	Ratio	Lower	Upper
63	100		
65	35.1	0.6	60.6
83	14.2	0.0	41.8

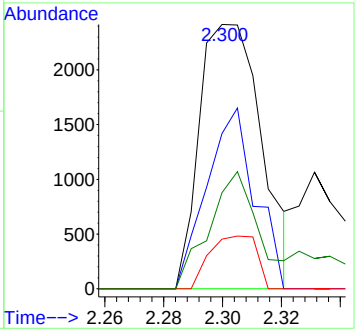


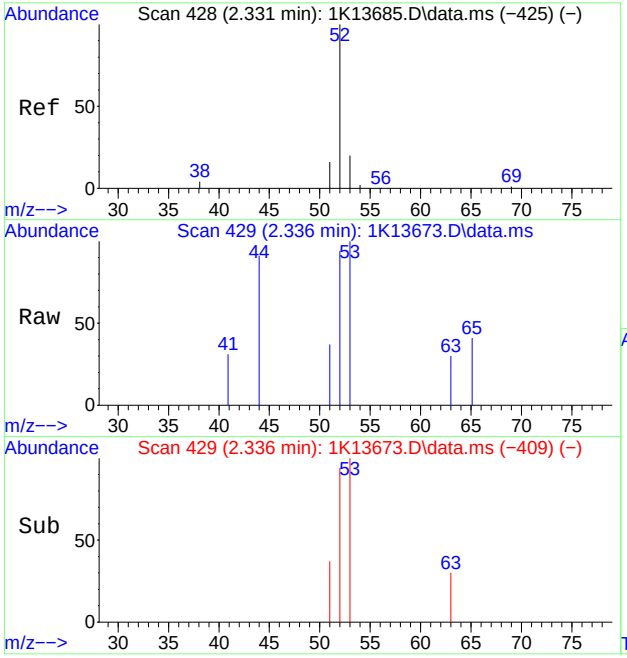


#31
chloroprene
Concen: 0.47 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 53 Resp: 3570

Ion	Ratio	Lower	Upper
53	100		
88	58.7	21.4	81.4
90	18.8	0.0	46.1
51	36.3	0.0	59.4

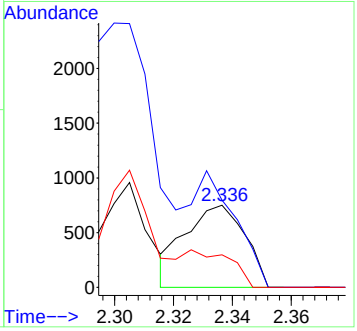


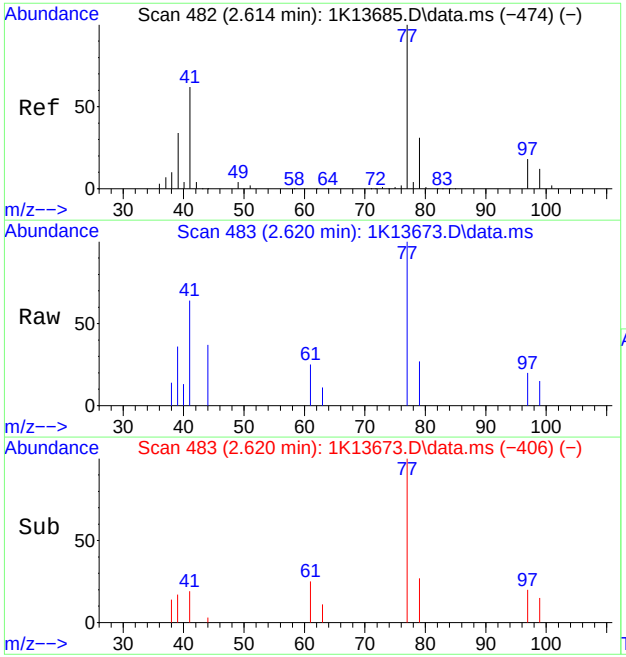


#32
acrylonitrile
Concen: 0.46 ug/L
RT: 2.336 min Scan# 429
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 52 Resp: 1059

Ion	Ratio	Lower	Upper
52	100		
53	105.9	92.8	152.8
51	39.6	13.6	73.6

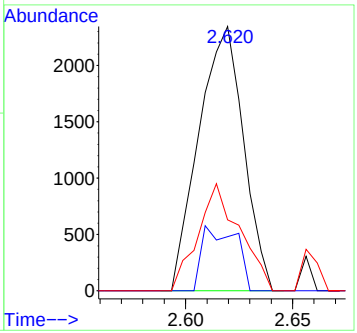


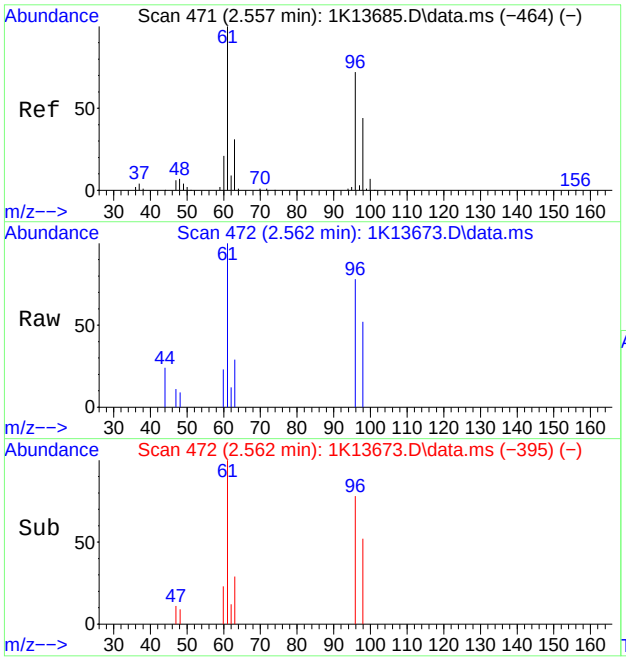


#35
2,2-dichloropropane
Concen: 0.52 ug/L
RT: 2.620 min Scan# 483
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 77 Resp: 3412

Ion	Ratio	Lower	Upper
77	100		
97	20.5	0.0	48.7
79	26.8	0.9	60.9

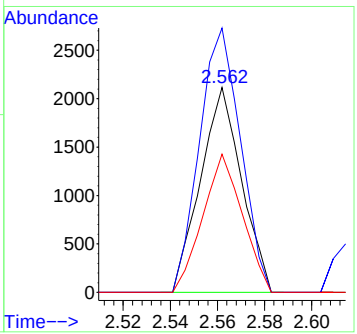


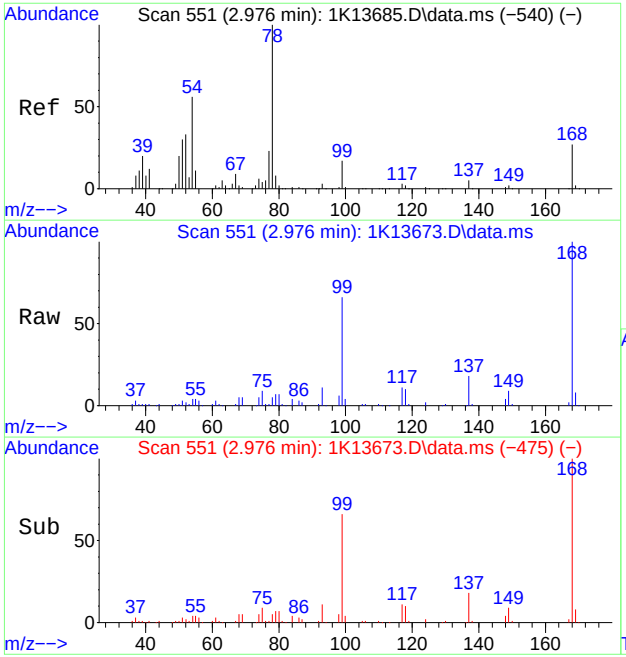


#36
cis-1,2-dichloroethene
Concen: 0.55 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 96 Resp: 2568

Ion	Ratio	Lower	Upper
96	100		
61	129.0	108.4	168.4
98	67.4	31.4	91.4

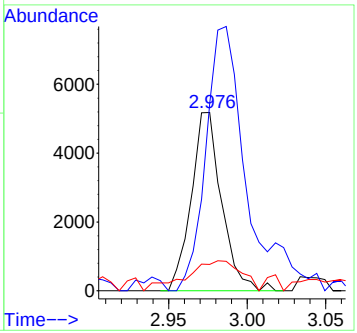


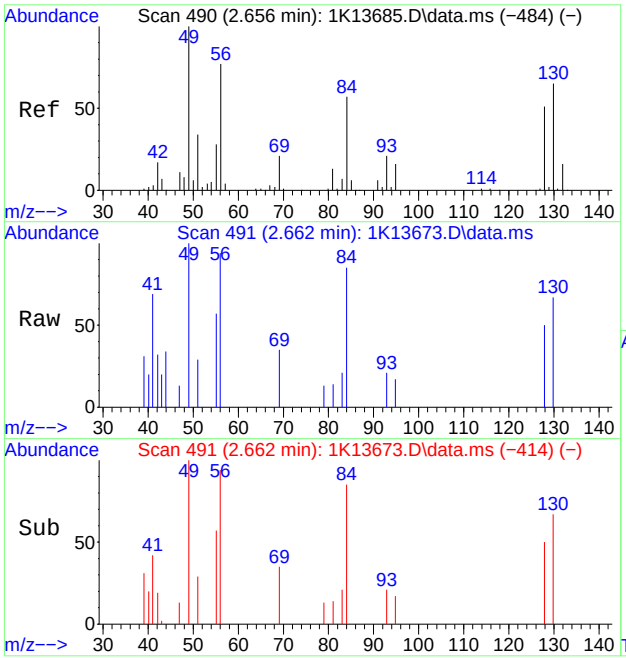


#37
propionitrile
Concen: 5.15 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 54 Resp: 6980

Ion	Ratio	Lower	Upper
54	100		
55	99.2	0.0	48.9#
40	14.8	0.0	45.0

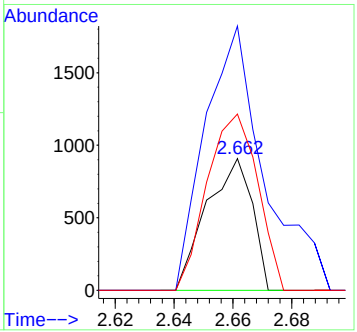


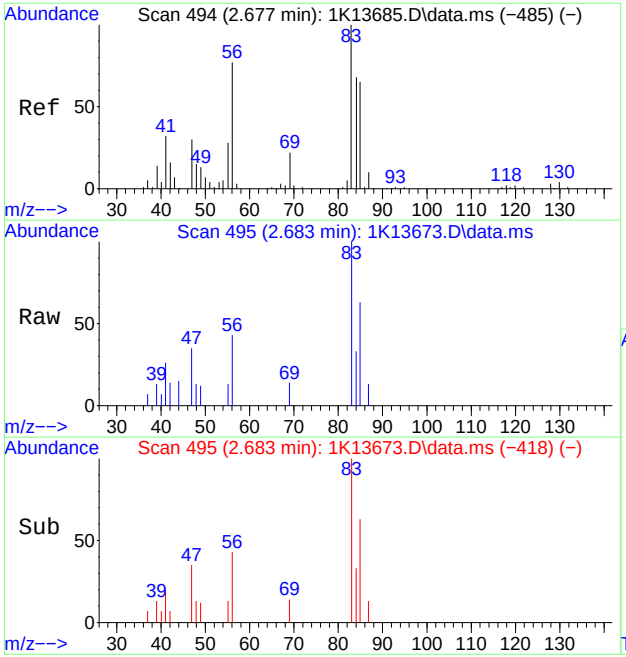


#39
bromochloromethane
Concen: 0.46 ug/L
RT: 2.662 min Scan# 491
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:128 Resp: 978

Ion	Ratio	Lower	Upper
128	100		
49	200.6	166.7	226.7
130	133.7	97.3	157.3

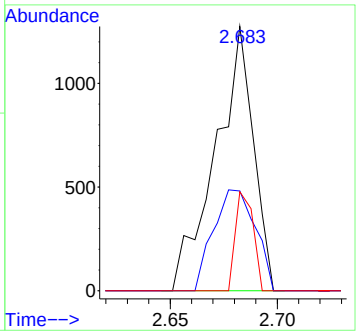


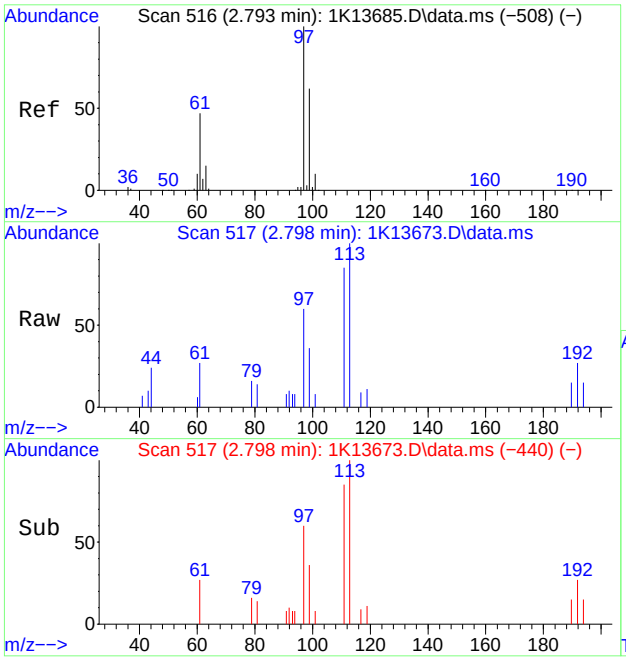


#41
chloroform
Concen: 0.63 ug/L
RT: 2.683 min Scan# 495
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 47 Resp: 1571

Ion	Ratio	Lower	Upper
47	100		
48	37.7	19.0	79.0
87	37.4	3.4	63.4

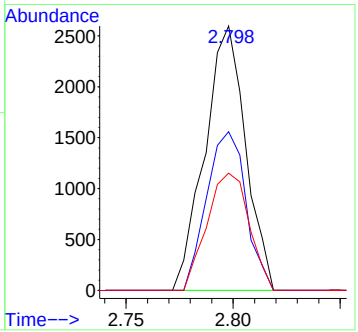


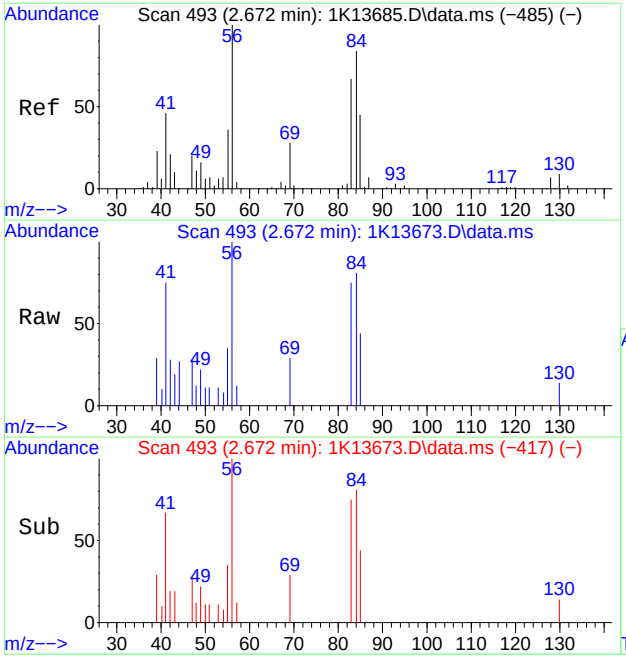


#44
1,1,1-trichloroethane
Concen: 0.51 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 97 Resp: 3443

Ion	Ratio	Lower	Upper
97	100		
99	60.0	32.2	92.2
61	44.3	17.7	77.7

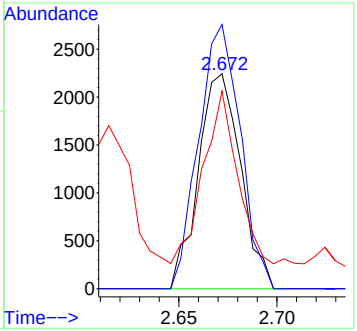


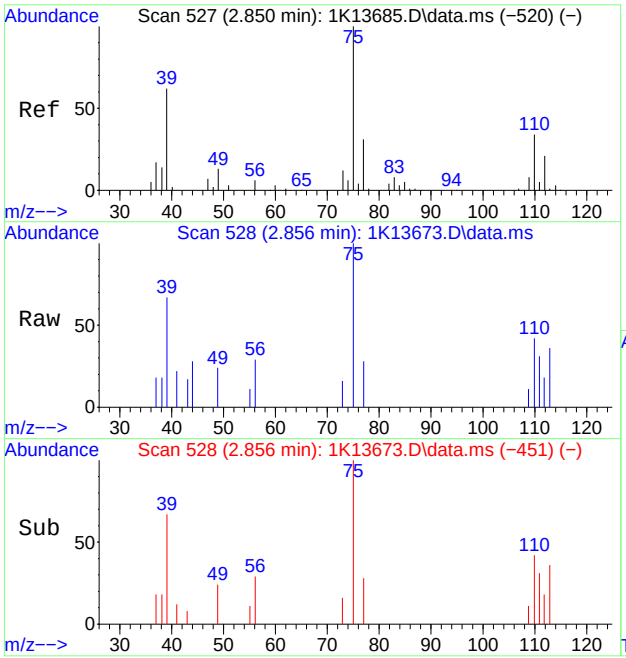


#45
cyclohexane
Concen: 0.46 ug/L
RT: 2.672 min Scan# 493
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 84 Resp: 3368

Ion	Ratio	Lower	Upper
84	100		
56	123.0	98.6	138.6
41	77.9	43.8	83.8

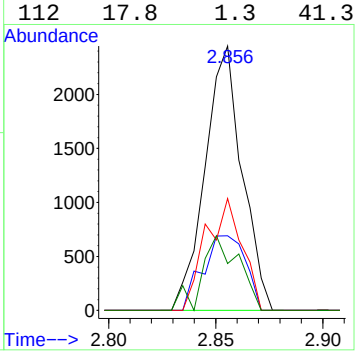




#46
1,1-dichloropropene
Concen: 0.51 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

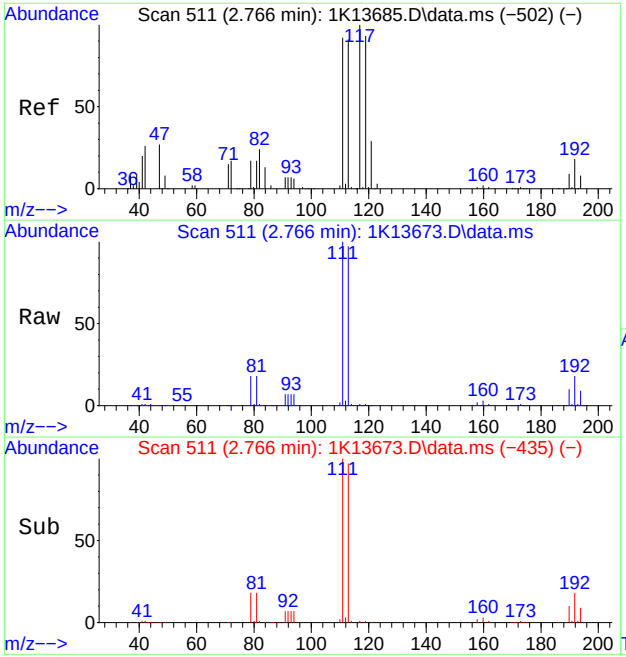
Tgt Ion: 75 Resp: 2956

Ion	Ratio	Lower	Upper
75	100		
77	28.2	11.3	51.3
110	42.3	14.2	54.2
112	17.8	1.3	41.3



7.6.15

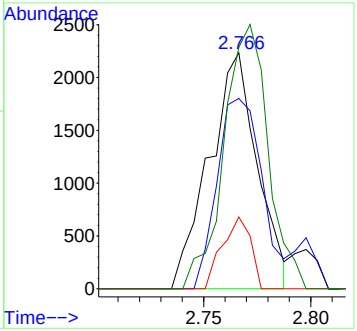
7

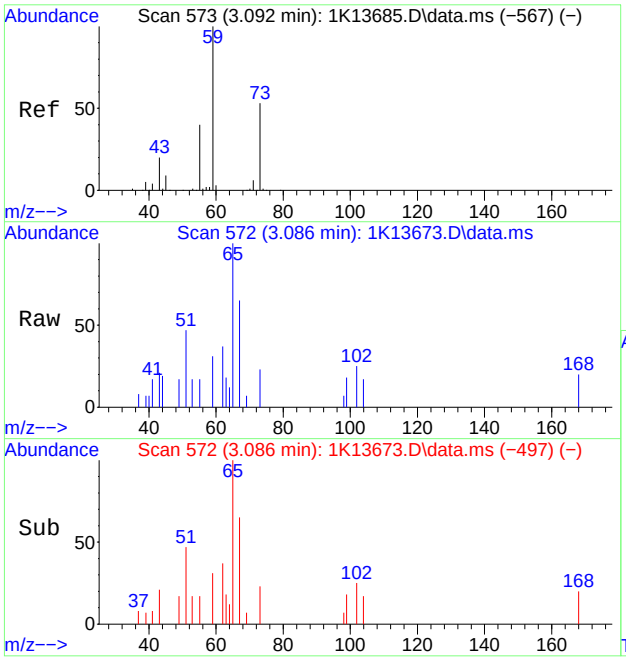


#47
carbon tetrachloride
Concen: 0.62 ug/L
RT: 2.766 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:117 Resp: 3504

Ion	Ratio	Lower	Upper
117	100		
119	80.6	73.1	113.1
121	30.4	9.4	49.4
82	102.2	4.4	44.4#

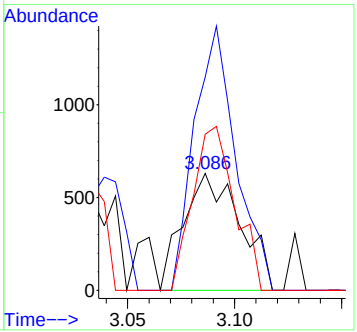


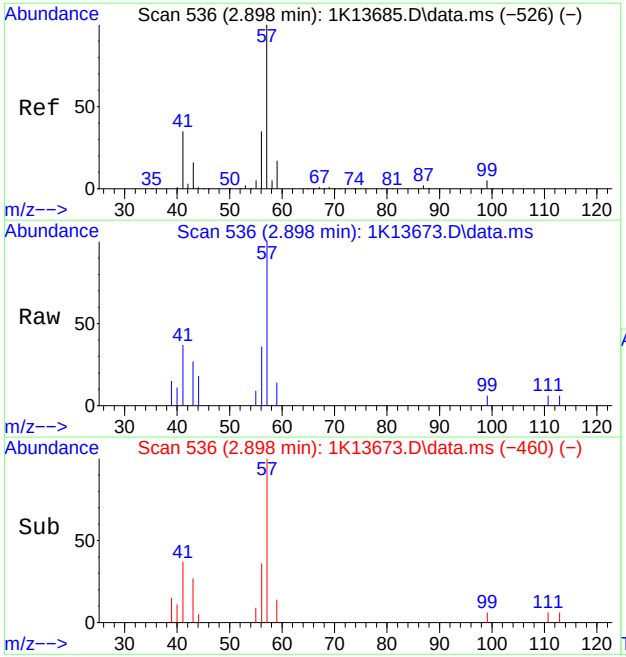


#49
tert-amyl alcohol
Concen: 2.37 ug/L
RT: 3.086 min Scan# 572
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 55 Resp: 1165

Ion	Ratio	Lower	Upper
55	100		
59	182.4	218.8	258.8#
73	133.7	115.9	155.9

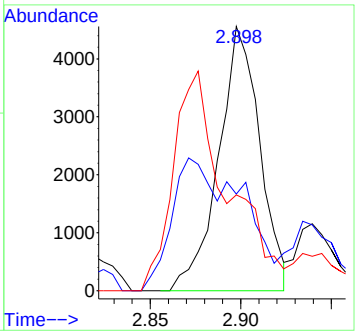


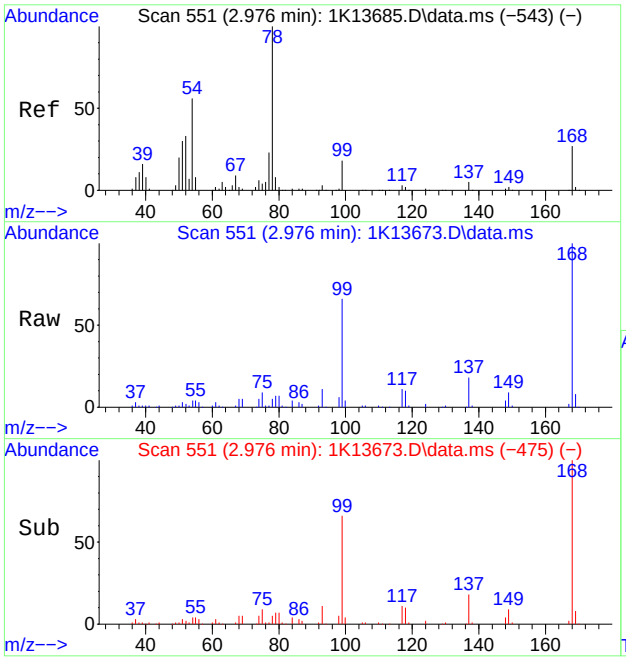


#52
iso-octane
Concen: 0.53 ug/L
RT: 2.898 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 57 Resp: 7211

Ion	Ratio	Lower	Upper
57	100		
41	24.9	14.8	54.8
56	27.9	15.3	55.3

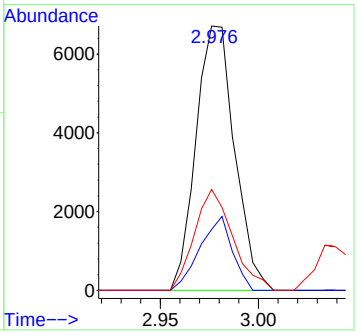


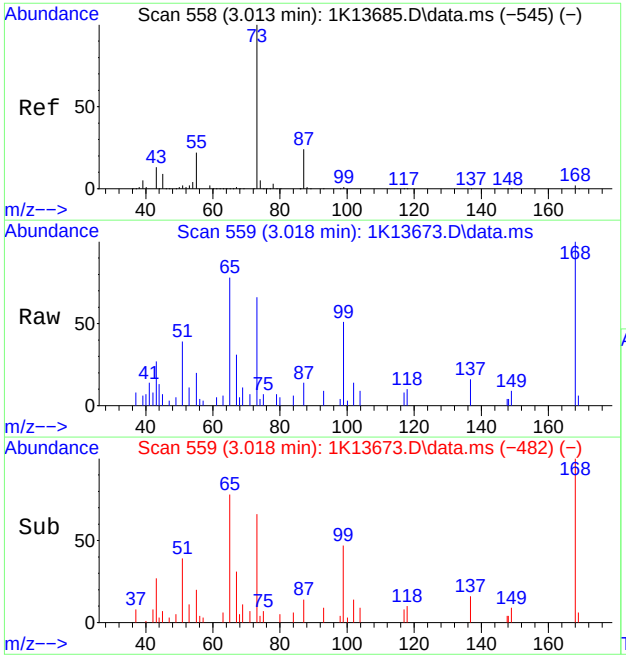


#53
benzene
Concen: 0.51 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 78 Resp: 9209

Ion	Ratio	Lower	Upper
78	100		
77	23.0	0.0	53.3
52	38.1	3.5	63.5

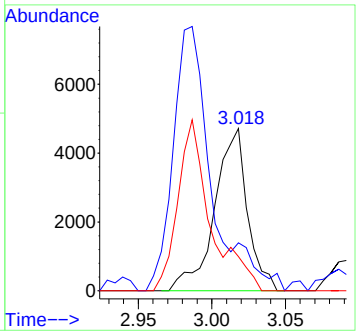


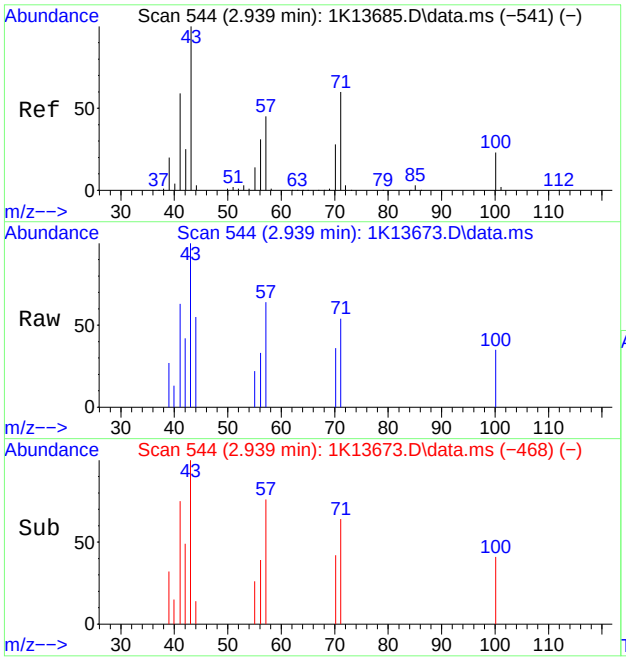


#54
tert-amyl methyl ether
Concen: 0.51 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 73 Resp: 7313

Ion	Ratio	Lower	Upper
73	100		
55	29.5	5.1	45.1
87	21.1	4.2	44.2

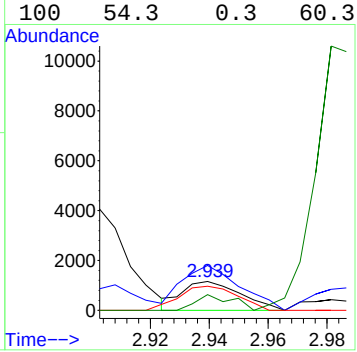


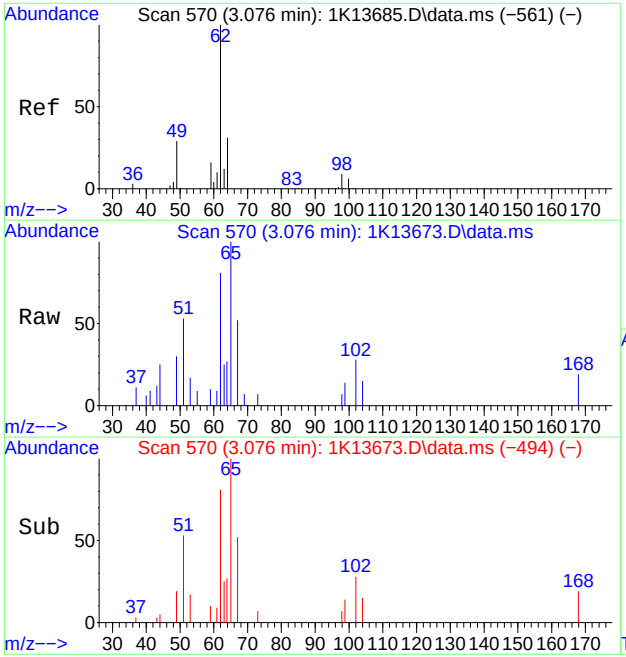


#55
heptane
Concen: 0.62 ug/L
RT: 2.939 min Scan# 544
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 57 Resp: 1595

Ion	Ratio	Lower	Upper
57	100		
43	155.7	140.0	200.0
71	83.8	67.3	127.3
100	54.3	0.3	60.3

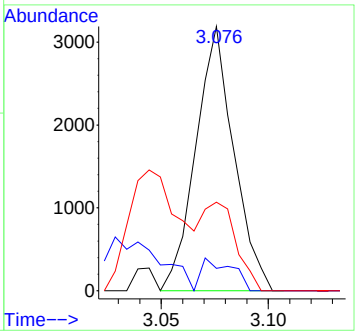


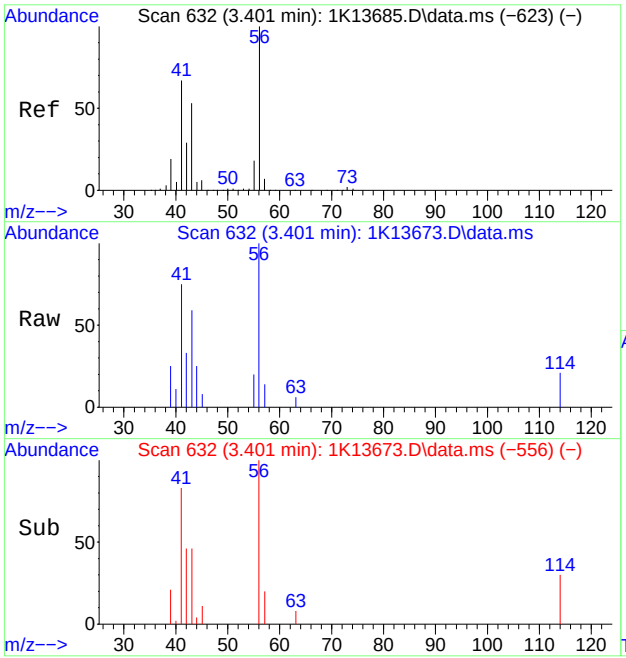


#57
1,2-dichloroethane
Concen: 0.65 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 62 Resp: 3950

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	39.5
64	33.5	1.1	61.1

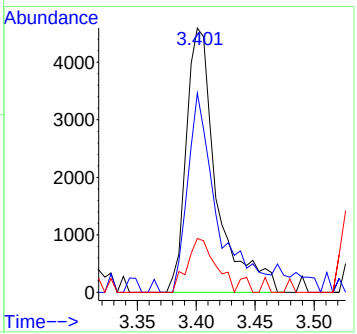


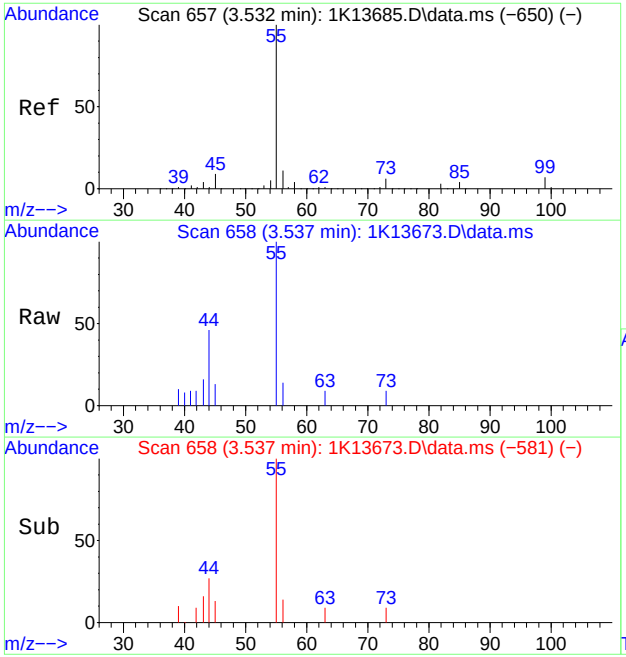


#58
n-butyl alcohol
Concen: 21.49 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 56 Resp: 8231

Ion	Ratio	Lower	Upper
56	100		
41	75.3	46.6	86.6
55	20.4	0.0	37.9

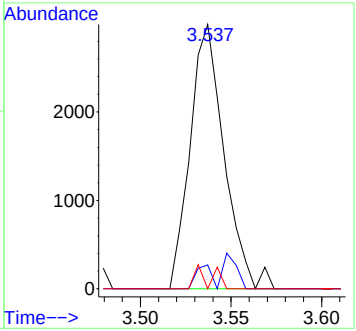


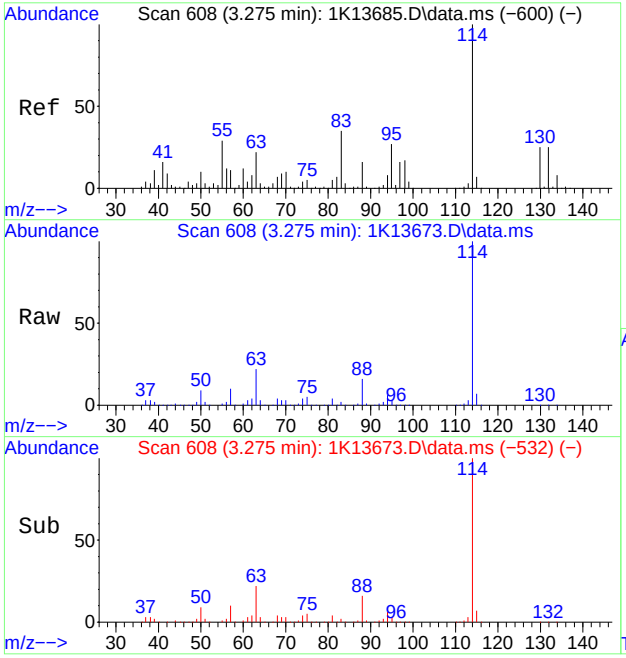


#59
ethyl acrylate
Concen: 0.47 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 55 Resp: 3897

Ion	Ratio	Lower	Upper
55	100		
73	9.0	0.0	36.5
99	0.0	0.0	37.0

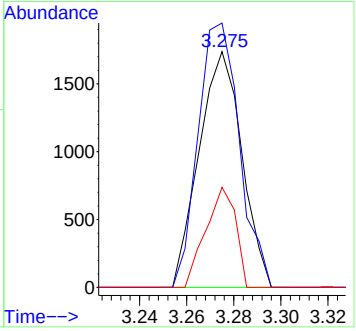


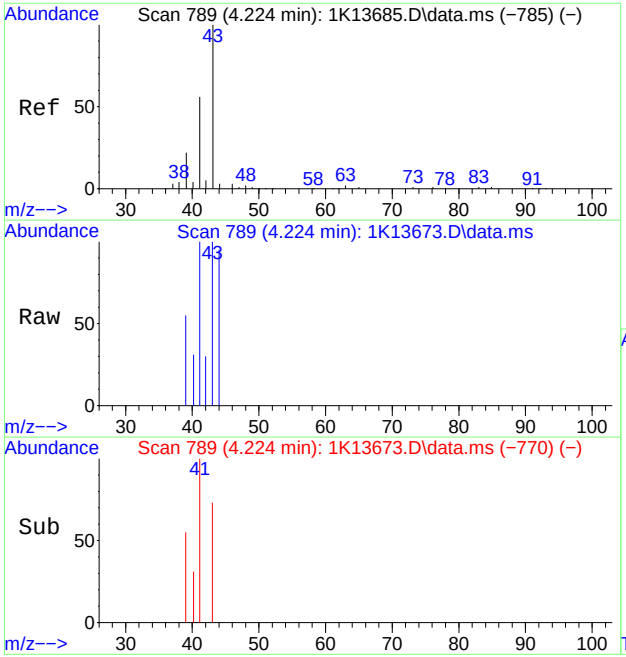


#60
trichloroethene
Concen: 0.50 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:130 Resp: 2197

Ion	Ratio	Lower	Upper
130	100		
132	112.1	70.3	130.3
134	42.5	2.0	62.0

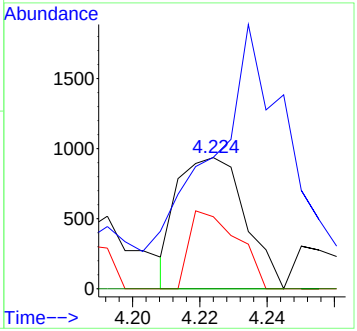


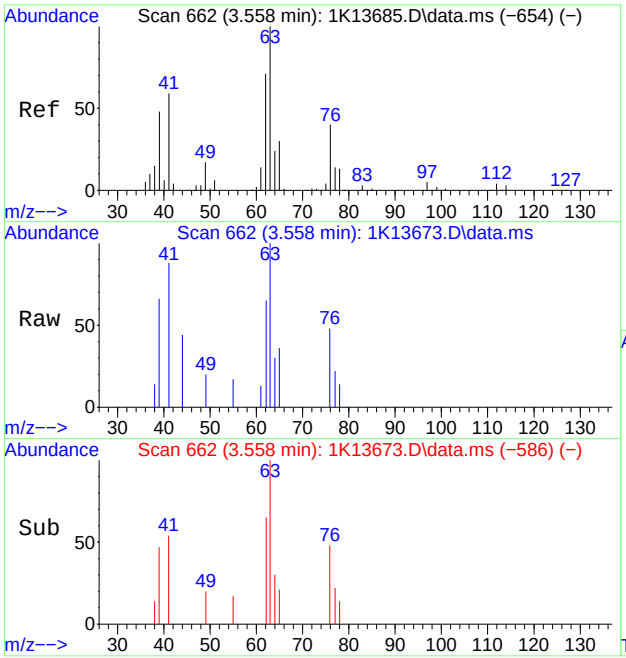


#61
2-nitropropane
Concen: 0.58 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 41 Resp: 1313

Ion	Ratio	Lower	Upper
41	100		
43	56.2	127.6	187.6#
39	54.9	8.5	68.5
46	0.0	0.0	36.6

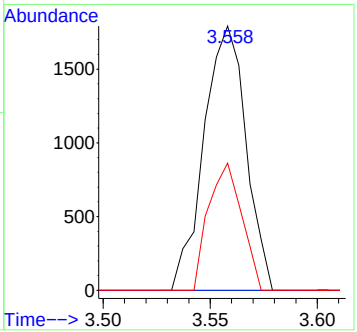


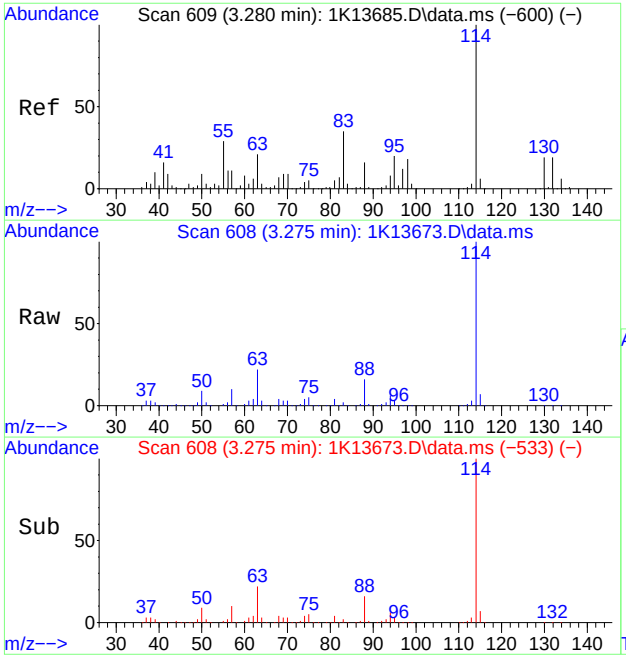


#64
1,2-dichloropropane
Concen: 0.53 ug/L
RT: 3.558 min Scan# 662
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 63 Resp: 2455

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.4
76	48.1	10.3	70.3

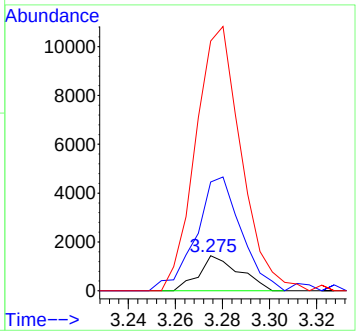


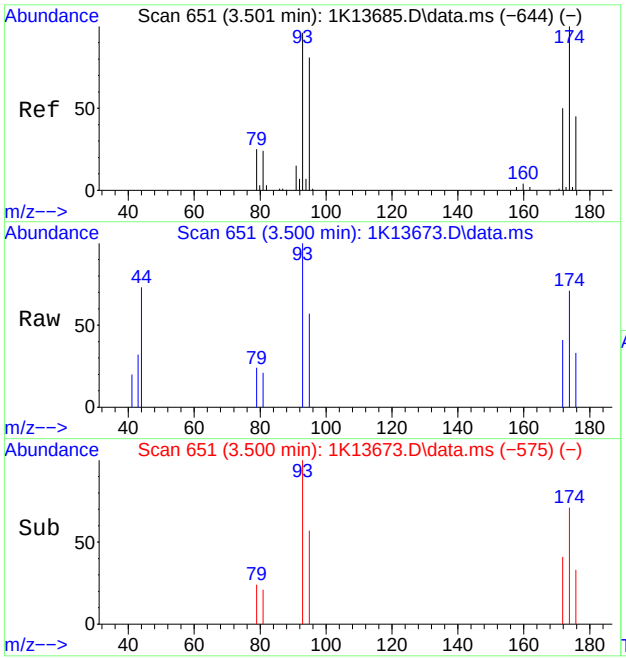


#65
methylcyclohexane
Concen: 0.49 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 98 Resp: 1714

Ion	Ratio	Lower	Upper
98	100		
55	309.5	130.3	190.3#
83	711.5	194.3	194.3#

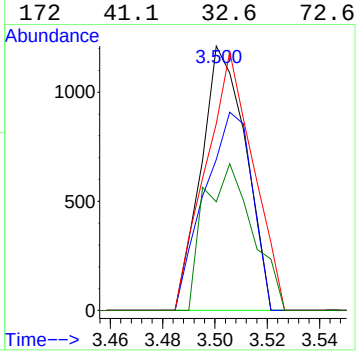


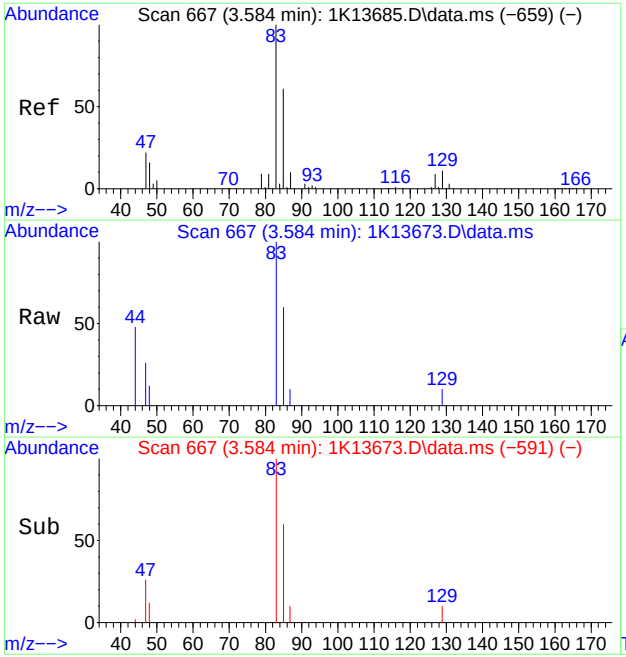


#66
dibromomethane
Concen: 0.56 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 93 Resp: 1435

Ion	Ratio	Lower	Upper
93	100		
95	57.1	54.7	114.7
174	70.6	74.1	134.1#
172	41.1	32.6	72.6

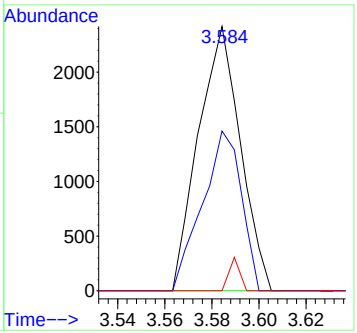


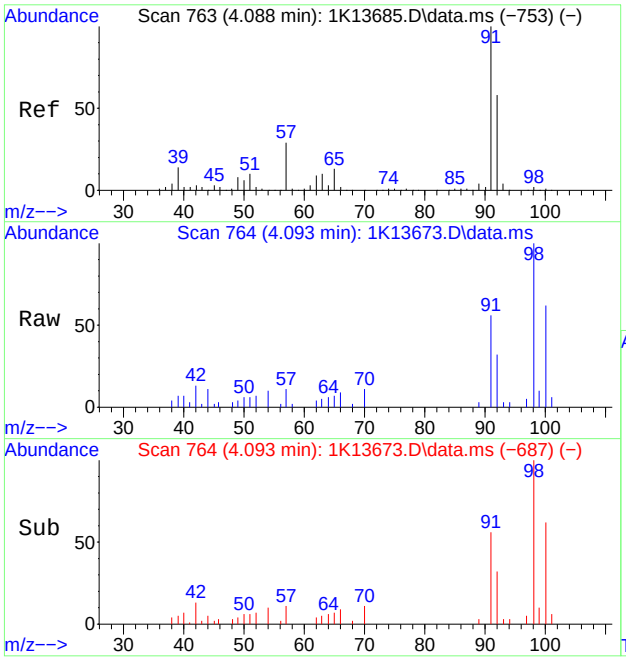


#67
bromodichloromethane
Concen: 0.51 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 83 Resp: 2994

Ion	Ratio	Lower	Upper
83	100		
85	60.5	35.1	95.1
127	0.0	0.0	39.1

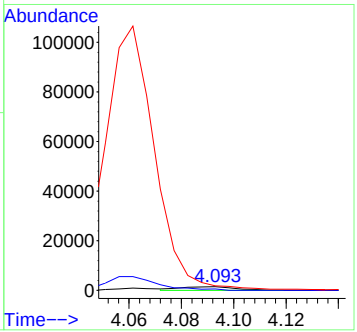


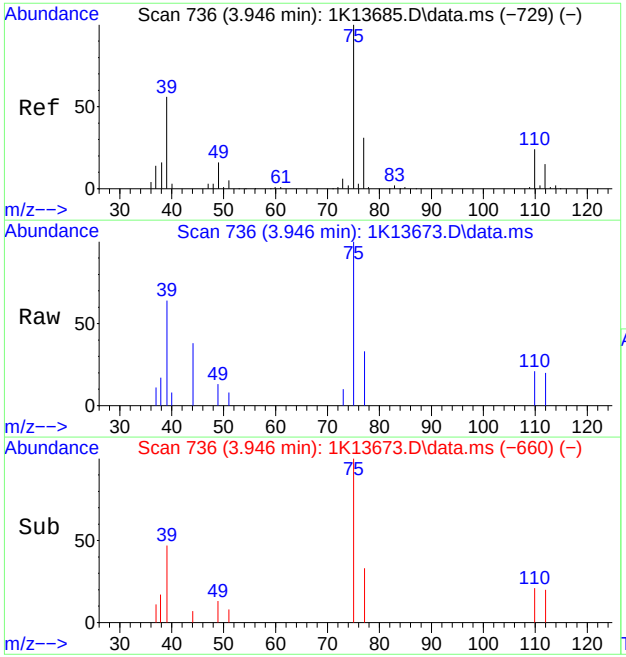


#68
epichlorohydrin
Concen: 2.31 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 57 Resp: 2156

Ion	Ratio	Lower	Upper
57	100		
49	38.7	6.2	46.2
42	86.5	0.0	29.7#

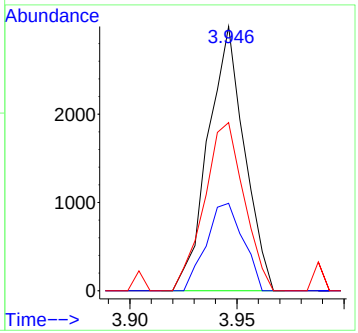


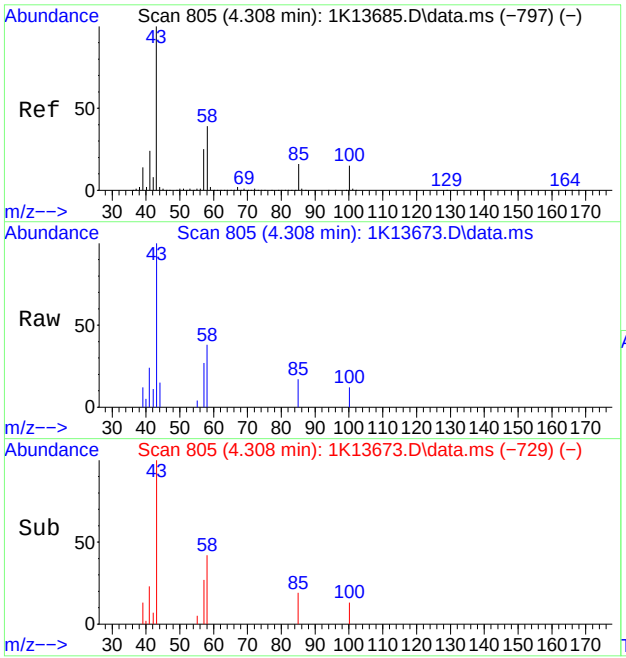


#69
cis-1,3-dichloropropene
Concen: 0.54 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 75 Resp: 3540

Ion	Ratio	Lower	Upper
75	100		
77	33.1	1.6	61.6
39	63.6	26.9	86.9

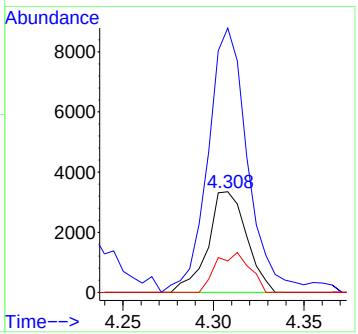


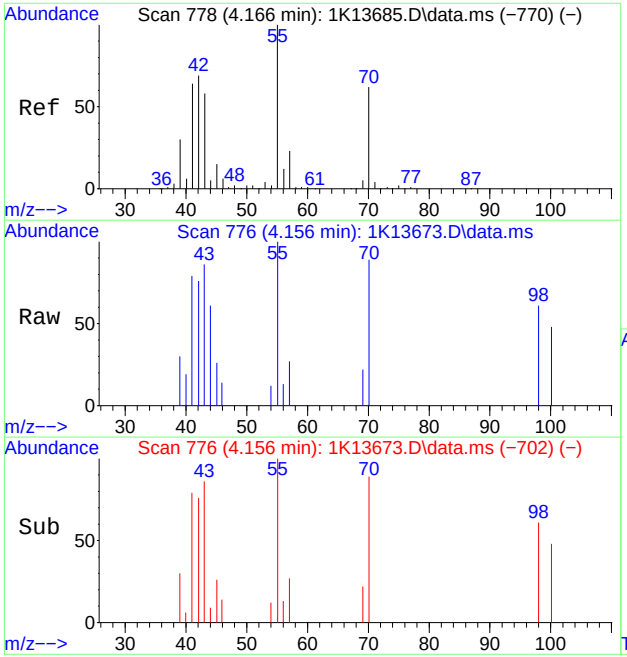


#70
4-methyl-2-pentanone
Concen: 1.82 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 58 Resp: 4963

Ion	Ratio	Lower	Upper
58	100		
43	262.7	226.7	286.7
100	31.4	8.1	68.1

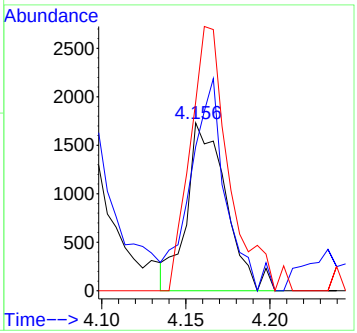


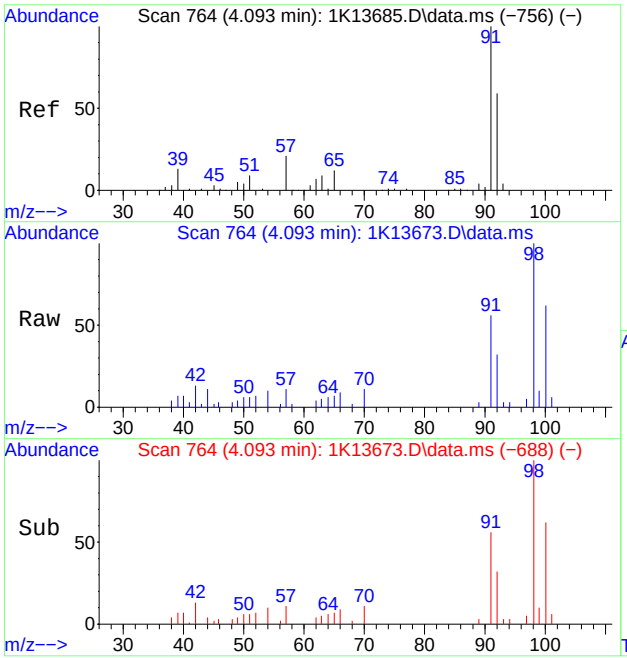


#71
3-methyl-1-butanol
Concen: 9.11 ug/L
RT: 4.156 min Scan# 776
Delta R.T. -0.011 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 70 Resp: 2820

Ion	Ratio	Lower	Upper
70	100		
42	85.8	81.3	141.3
55	112.5	131.4	191.4#

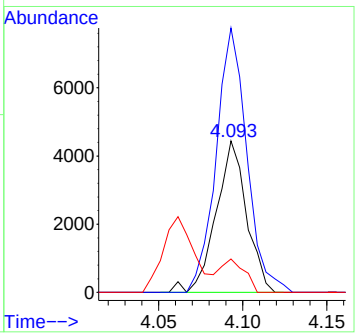


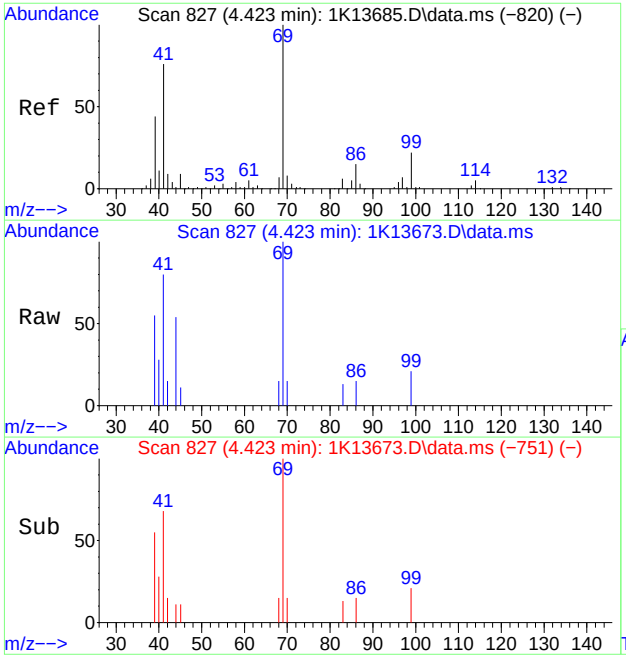


#74
toluene
Concen: 0.48 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 92 Resp: 5621

Ion	Ratio	Lower	Upper
92	100		
91	174.7	150.5	190.5
65	22.1	0.6	40.6

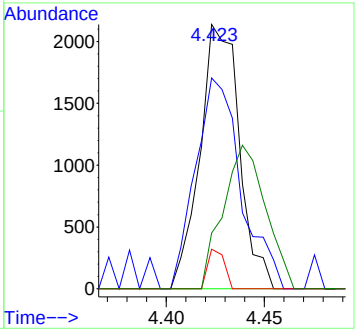


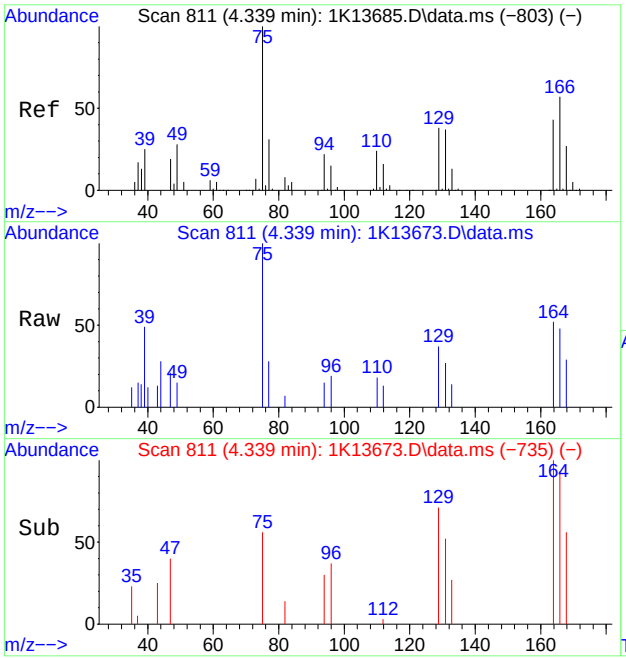


#75
ethyl methacrylate
Concen: 0.46 ug/L
RT: 4.423 min Scan# 827
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 69 Resp: 2987

Ion	Ratio	Lower	Upper
69	100		
41	79.7	56.7	96.7
86	15.0	0.0	35.4
99	21.1	1.7	41.7

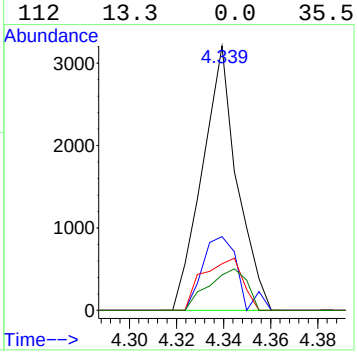


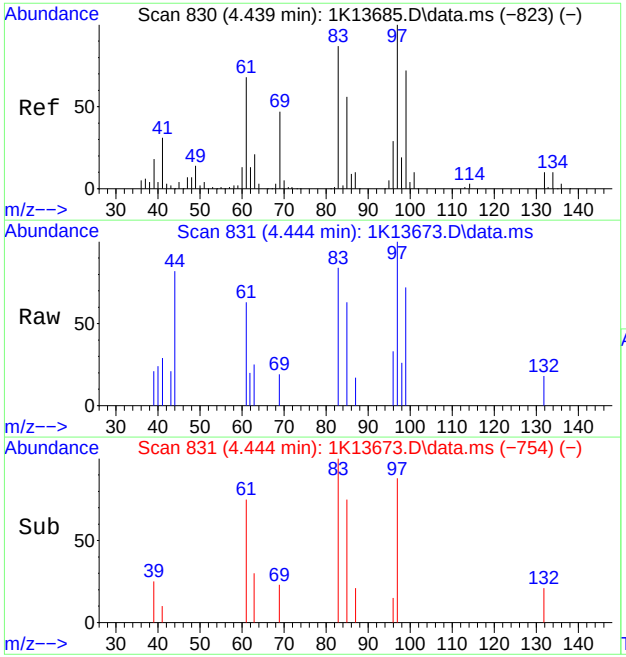


#76
trans-1,3-dichloropropene
Concen: 0.47 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 75 Resp: 3297

Ion	Ratio	Lower	Upper
75	100		
77	27.9	11.2	51.2
110	17.6	4.0	44.0
112	13.3	0.0	35.5

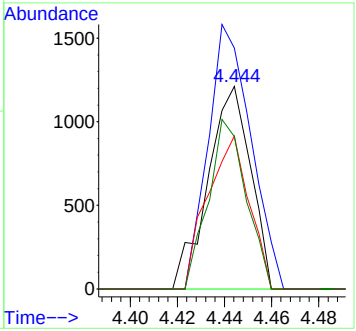


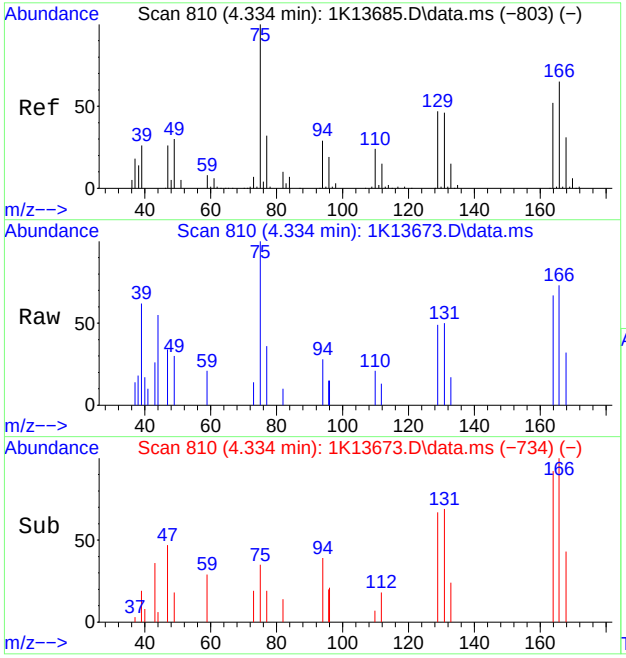


#77
1,1,2-trichloroethane
Concen: 0.46 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 83 Resp: 1531

Ion	Ratio	Lower	Upper
83	100		
97	118.9	95.4	135.4
85	75.4	45.4	85.4
61	75.2	58.8	98.8

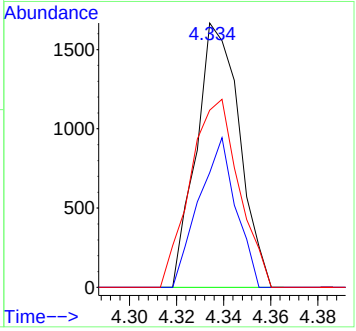


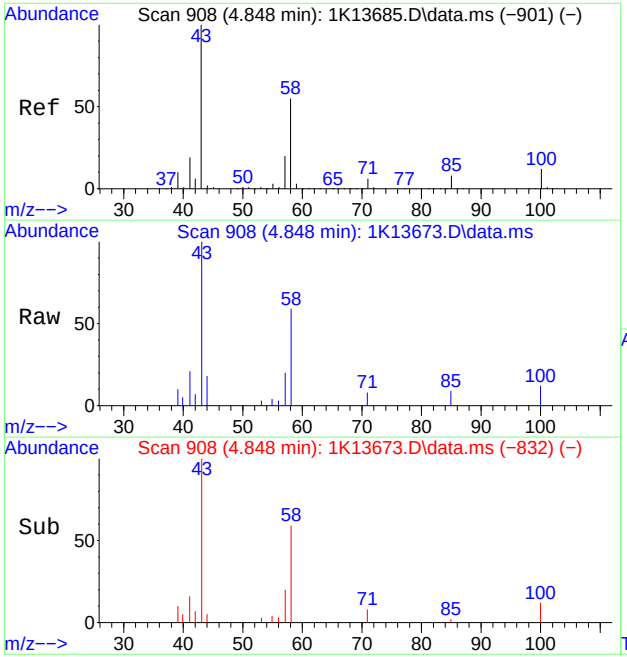


#78
tetrachloroethene
Concen: 0.45 ug/L
RT: 4.334 min Scan# 810
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:166 Resp: 2119

Ion	Ratio	Lower	Upper
166	100		
168	43.3	17.2	77.2
129	67.0	42.2	102.2

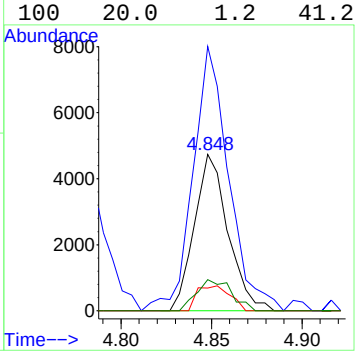


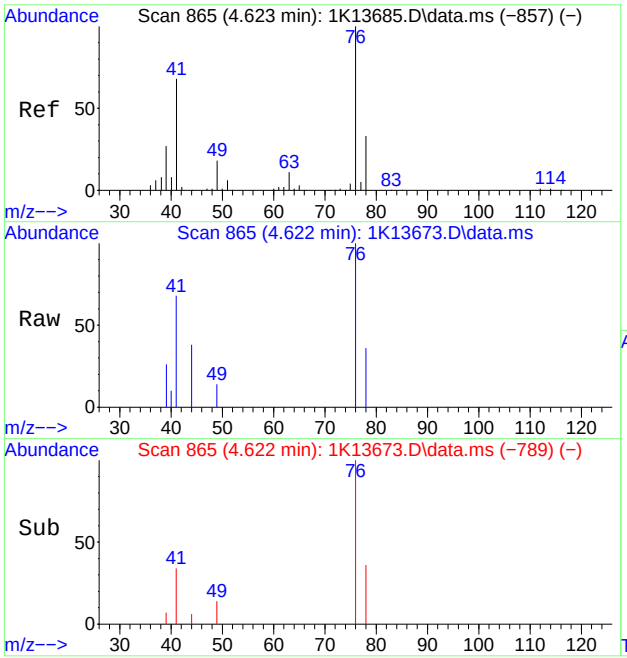


#79
2-hexanone
Concen: 2.04 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 58 Resp: 6119

Ion	Ratio	Lower	Upper
58	100		
43	169.0	162.0	202.0
85	14.6	0.0	34.2
100	20.0	1.2	41.2

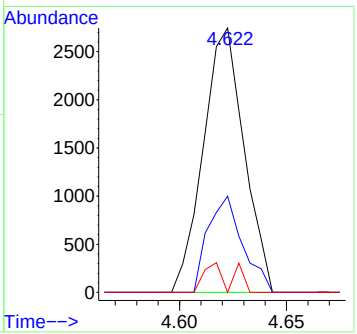


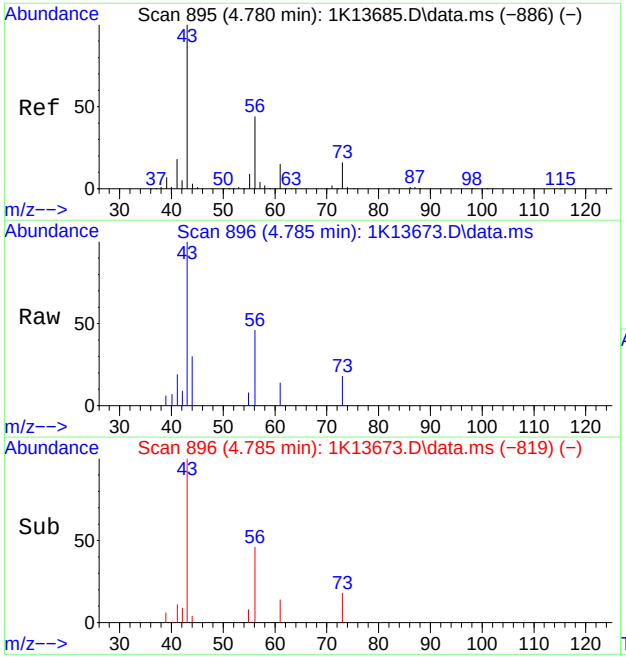


#80
1,3-dichloropropane
Concen: 0.49 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 76 Resp: 3644

Ion	Ratio	Lower	Upper
76	100		
78	36.3	3.0	63.0
63	0.0	0.0	40.8

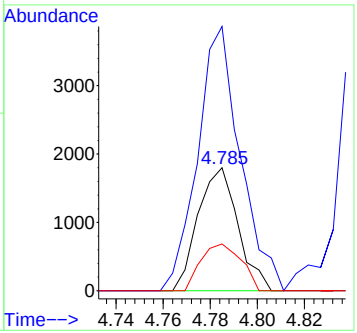


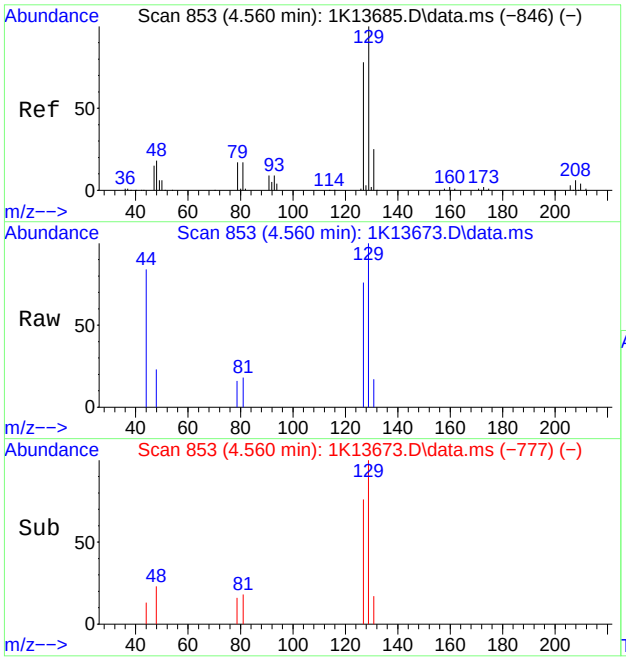


#81
butyl acetate
Concen: 0.53 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 56 Resp: 2119

Ion	Ratio	Lower	Upper
56	100		
43	215.1	198.9	258.9
73	38.2	7.7	67.7

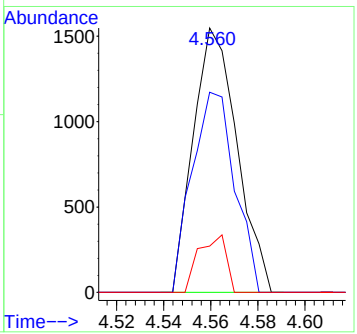


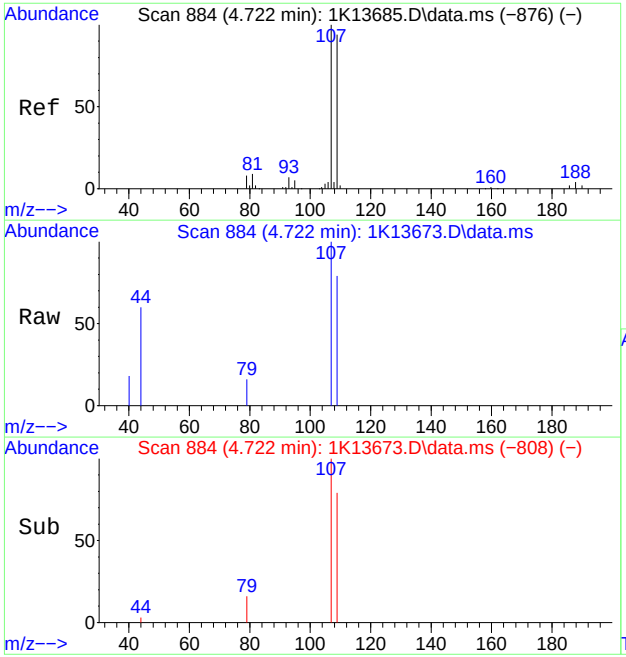


#82
dibromochloromethane
Concen: 0.53 ug/L
RT: 4.560 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:129 Resp: 2002

Ion	Ratio	Lower	Upper
129	100		
127	75.7	48.2	108.2
131	17.5	0.0	54.9

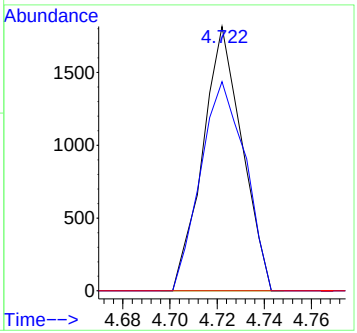


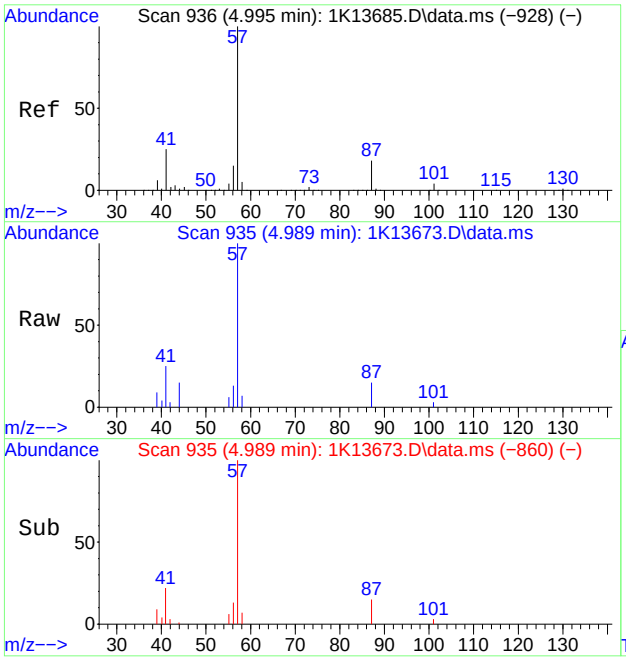


#83
1,2-dibromoethane
Concen: 0.51 ug/L
RT: 4.722 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:107 Resp: 2105

Ion	Ratio	Lower	Upper
107	100		
109	79.1	64.1	124.1
188	0.0	0.0	33.9

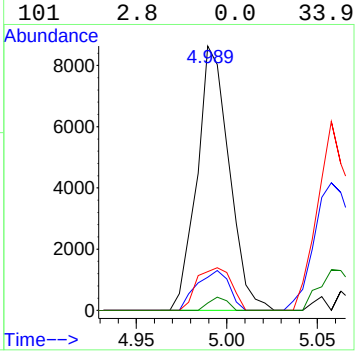


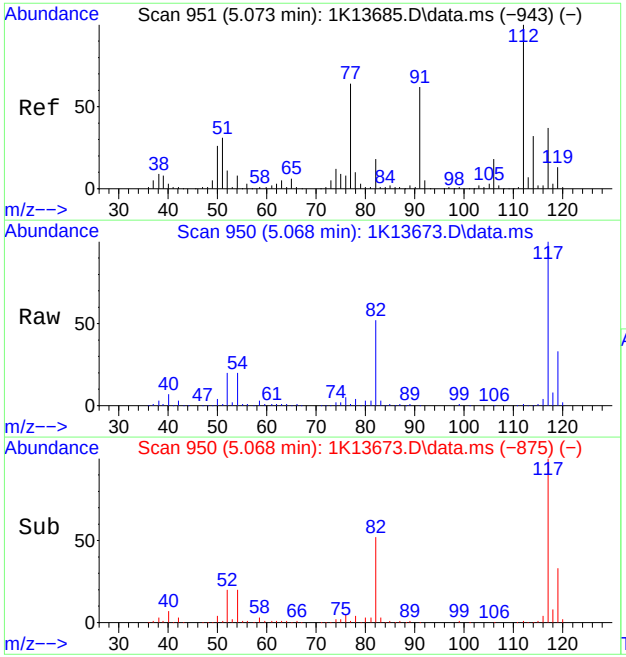


#84
n-butyl ether
Concen: 0.51 ug/L
RT: 4.989 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 57 Resp: 10645

Ion	Ratio	Lower	Upper
57	100		
56	12.5	0.0	44.5
87	14.7	0.0	47.6
101	2.8	0.0	33.9

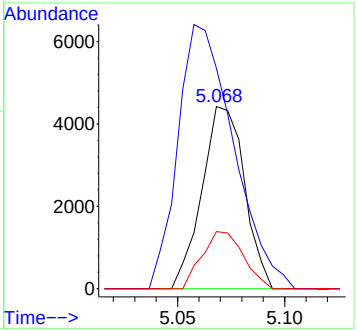


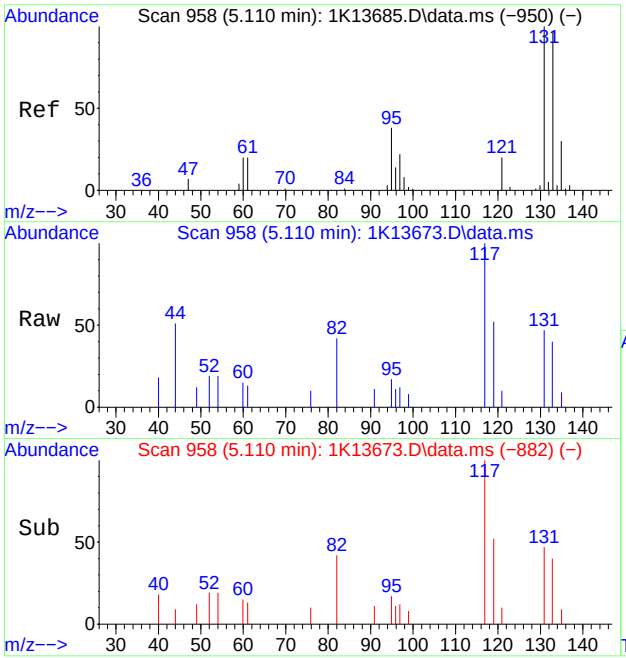


#85
chlorobenzene
Concen: 0.52 ug/L
RT: 5.068 min Scan# 950
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:112 Resp: 6115

Ion	Ratio	Lower	Upper
112	100		
77	113.4	33.8	93.8#
114	31.5	2.0	62.0

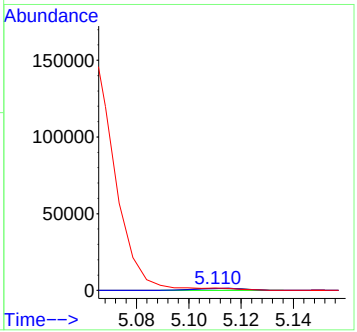


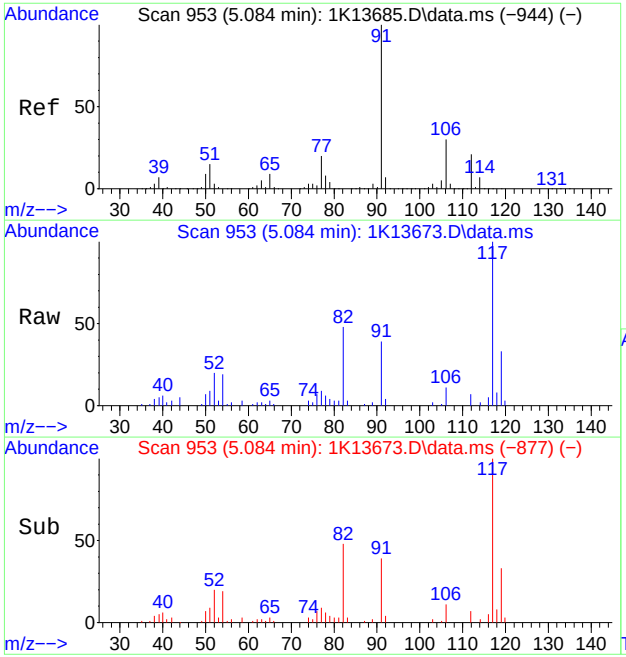


#86
1,1,1,2-tetrachloroethane
Concen: 0.43 ug/L
RT: 5.110 min Scan# 958
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:131 Resp: 1757

Ion	Ratio	Lower	Upper
131	100		
133	83.9	67.0	127.0
119	110.9	34.4	94.4#

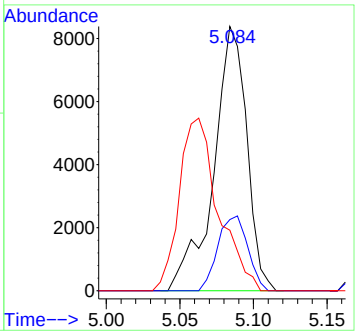


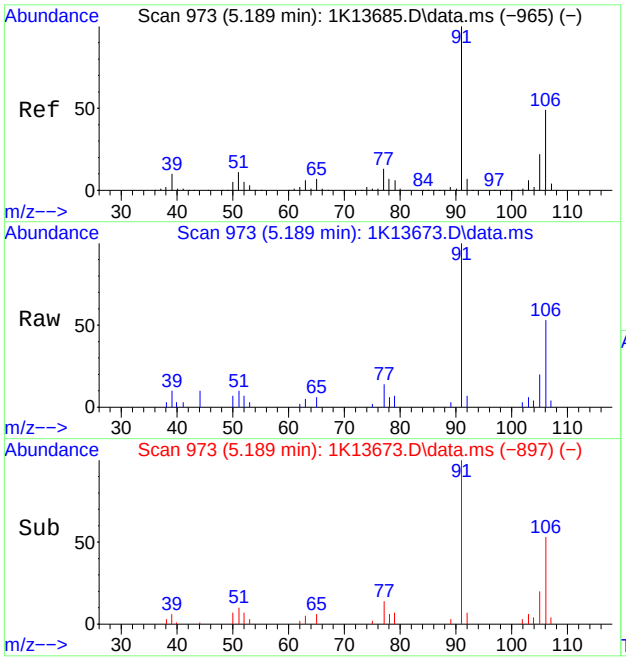


#87
ethylbenzene
Concen: 0.62 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 91 Resp: 13135

Ion	Ratio	Lower	Upper
91	100		
106	26.9	0.2	60.2
51	22.9	0.0	45.3

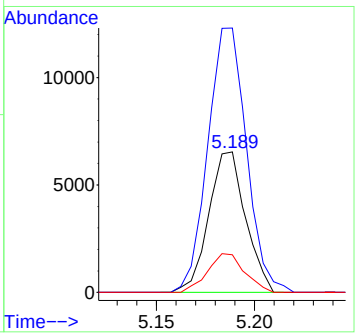


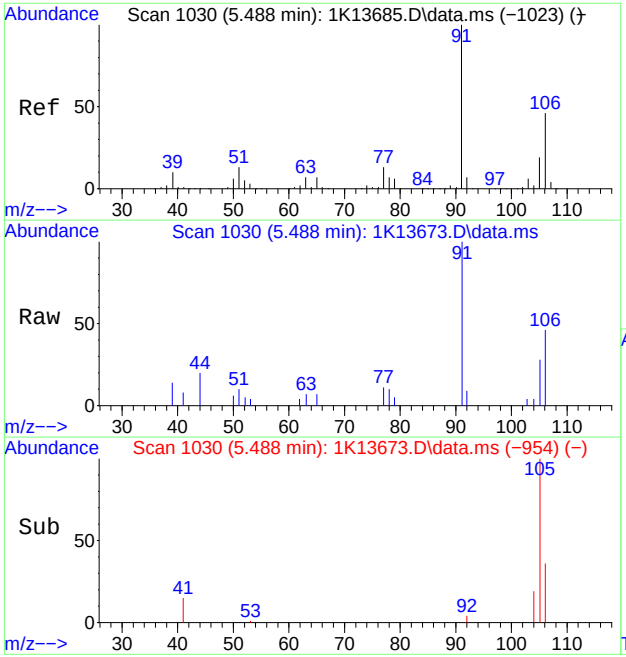


#88
m,p-xylene
Concen: 1.03 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:106 Resp: 8550

Ion	Ratio	Lower	Upper
106	100		
91	188.5	172.8	232.8
77	26.7	5.8	45.8

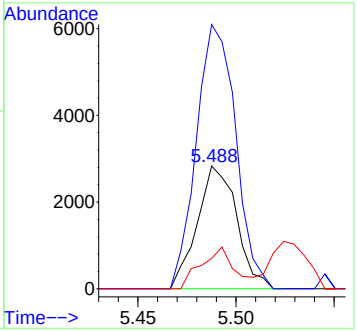


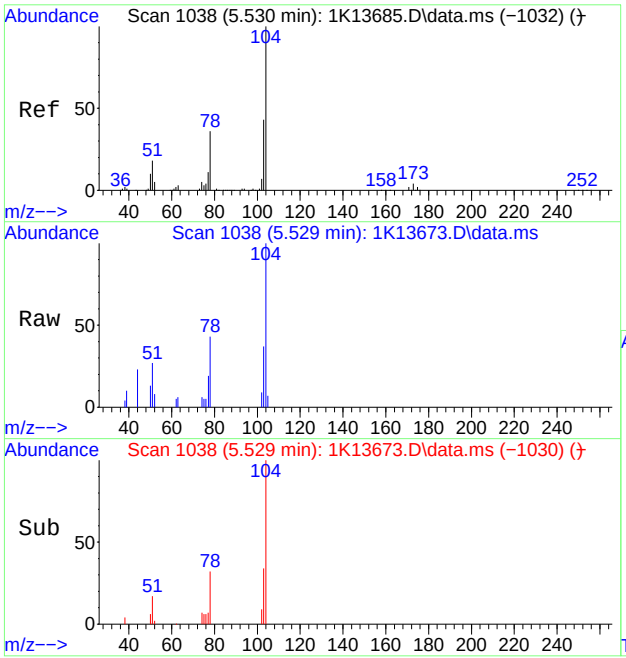


#89
o-xylene
Concen: 0.52 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:106 Resp: 3964

Ion	Ratio	Lower	Upper
106	100		
91	215.3	186.3	246.3
77	24.7	7.1	47.1

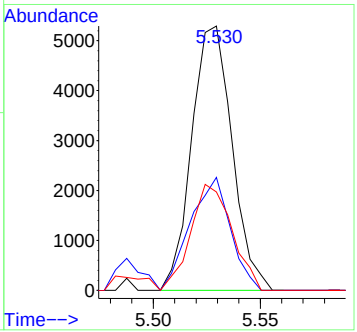


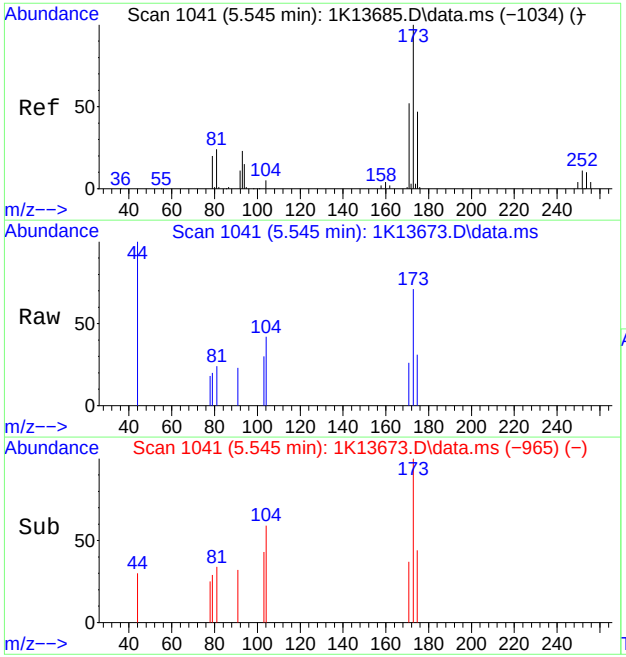


#90
styrene
Concen: 0.56 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:104 Resp: 6979

Ion	Ratio	Lower	Upper
104	100		
78	42.7	10.4	70.4
103	37.2	17.6	77.6

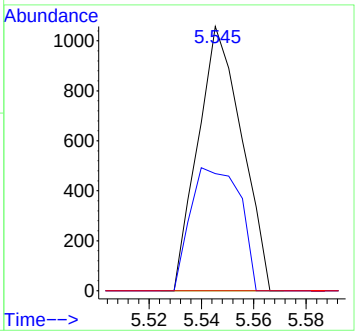


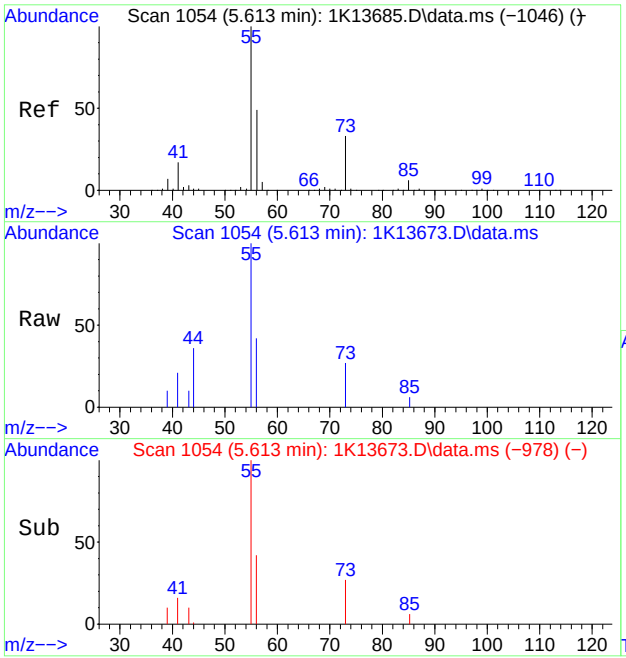


#91
bromoform
Concen: 0.40 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:173 Resp: 1233

Ion	Ratio	Lower	Upper
173	100		
175	44.3	17.2	77.2
254	0.0	0.0	39.9

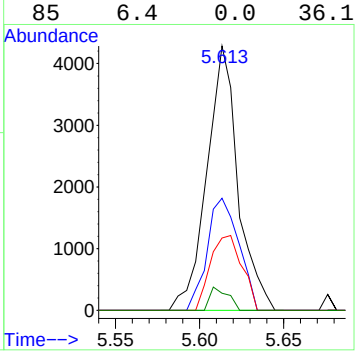


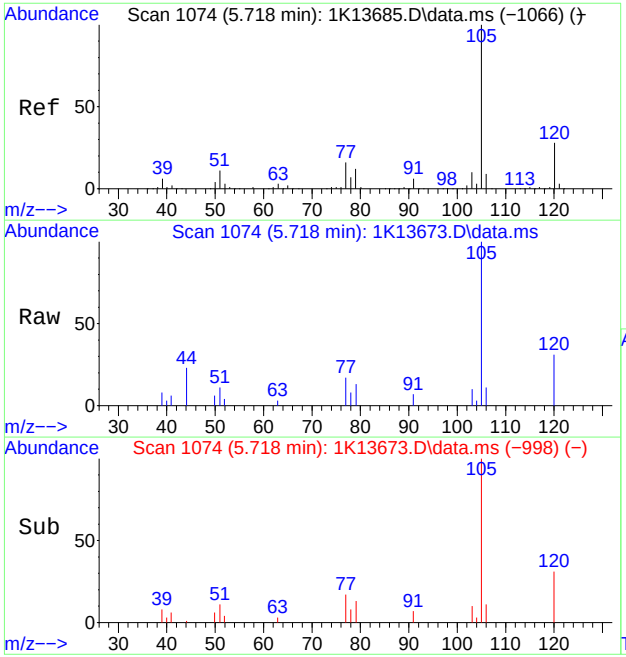


#92
butyl acrylate
Concen: 0.53 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 55 Resp: 5541

Ion	Ratio	Lower	Upper
55	100		
56	42.4	19.4	79.4
73	27.4	3.4	63.4
85	6.4	0.0	36.1

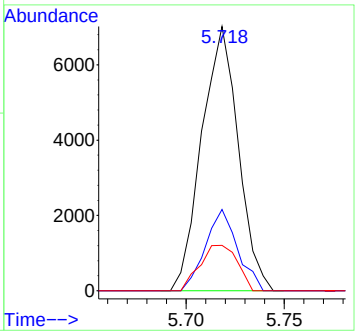


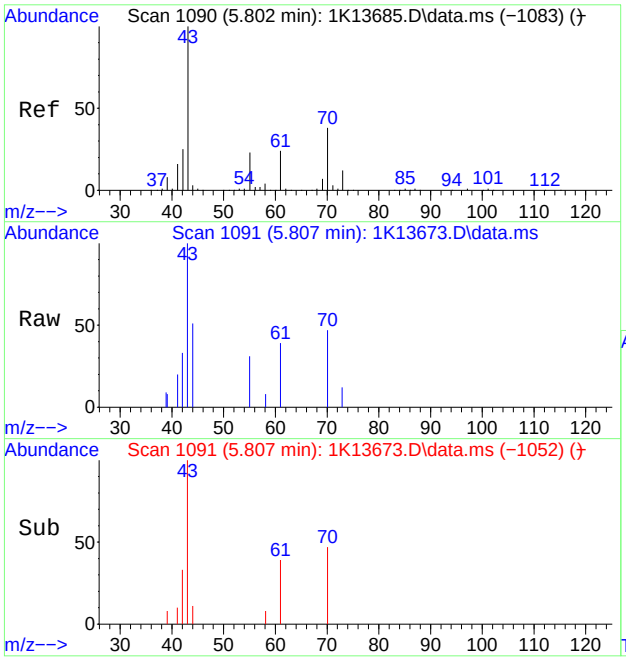


#93
isopropylbenzene
Concen: 0.51 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:105 Resp: 9097

Ion	Ratio	Lower	Upper
105	100		
120	30.7	7.6	47.6
77	17.2	0.0	35.6

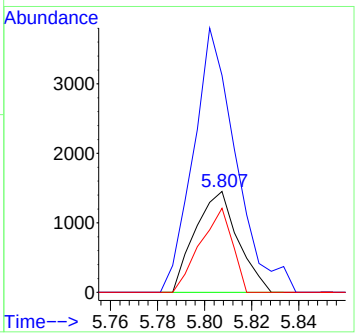


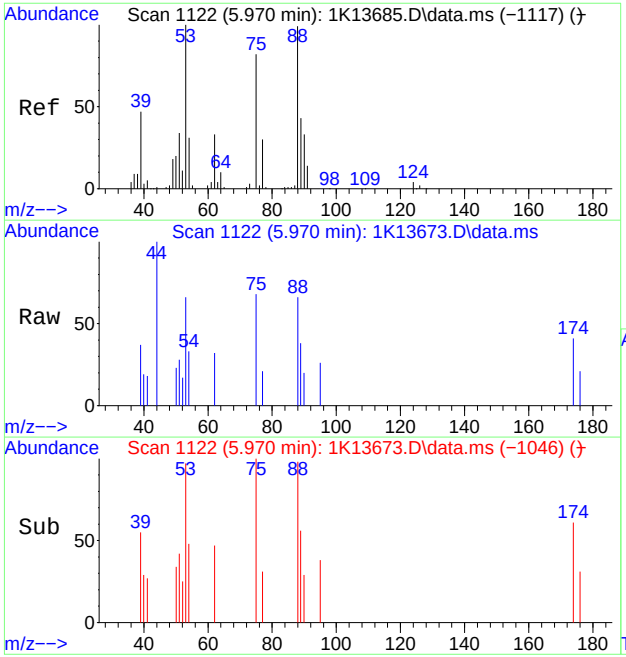


#94
n-amyl acetate
Concen: 0.45 ug/L
RT: 5.807 min Scan# 1091
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 70 Resp: 1839

Ion	Ratio	Lower	Upper
70	100		
43	214.9	241.4	281.4#
61	83.5	43.1	83.1#

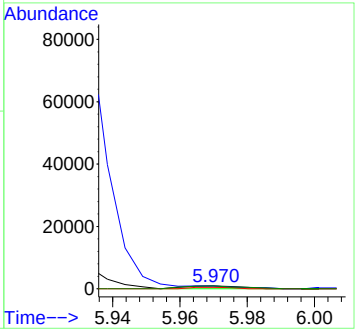


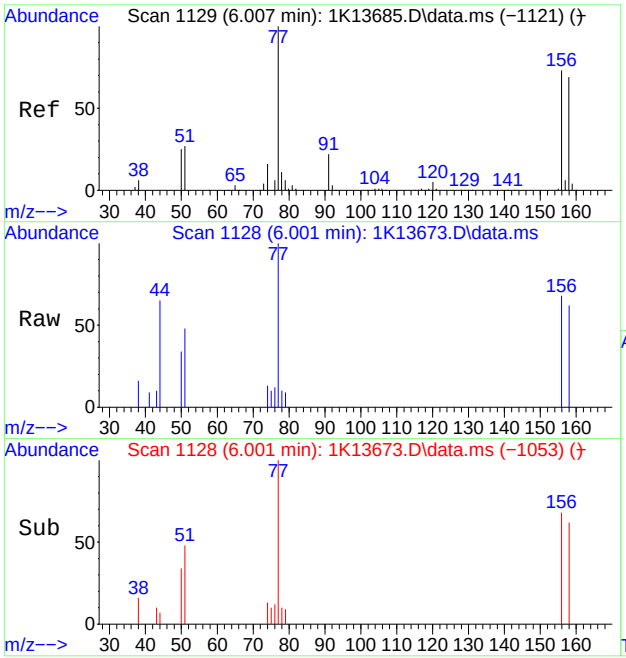


#95
cis-1,4-dichloro-2-butene
Concen: 0.41 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 88 Resp: 1068

Ion	Ratio	Lower	Upper
88	100		
75	102.1	61.4	101.4#
89	57.1	22.1	62.1
53	99.0	78.7	118.7

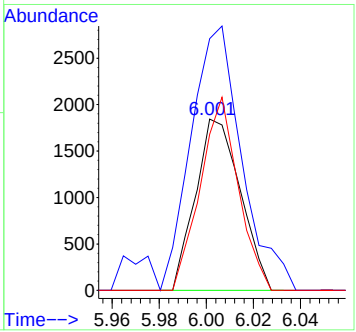


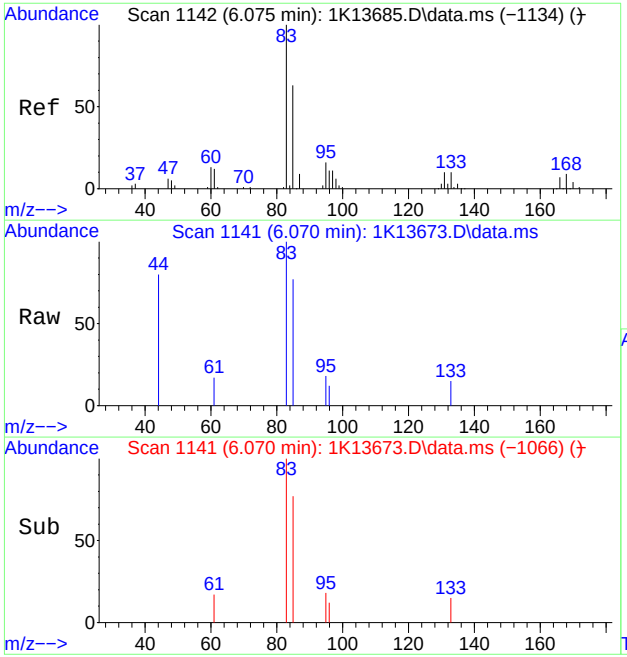


#98
bromobenzene
Concen: 0.50 ug/L
RT: 6.001 min Scan# 1128
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:156 Resp: 2443

Ion	Ratio	Lower	Upper
156	100		
77	147.0	121.4	181.4
158	91.2	64.8	124.8

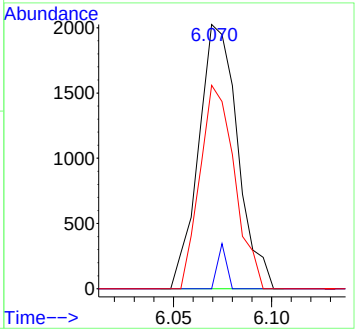


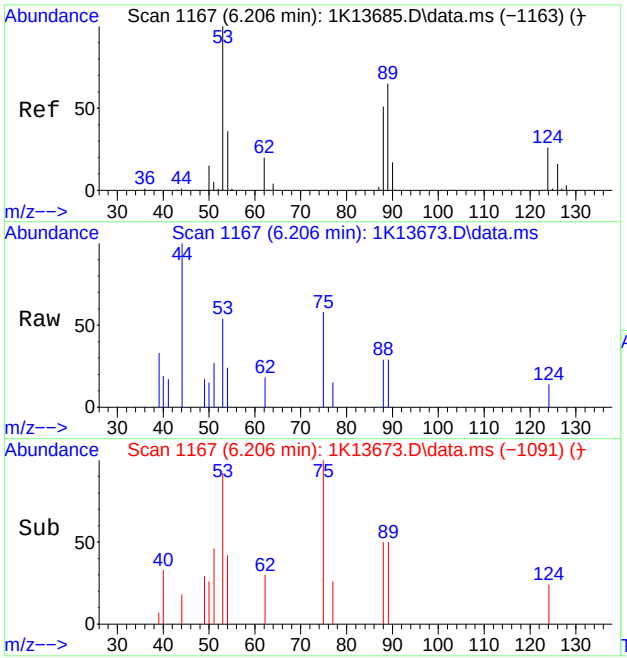


#99
1,1,2,2-tetrachloroethane
Concen: 0.52 ug/L
RT: 6.070 min Scan# 1141
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 83 Resp: 2808

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	40.4
85	77.0	33.3	93.3

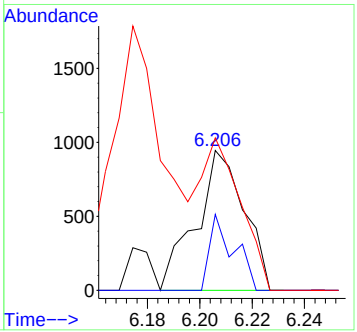


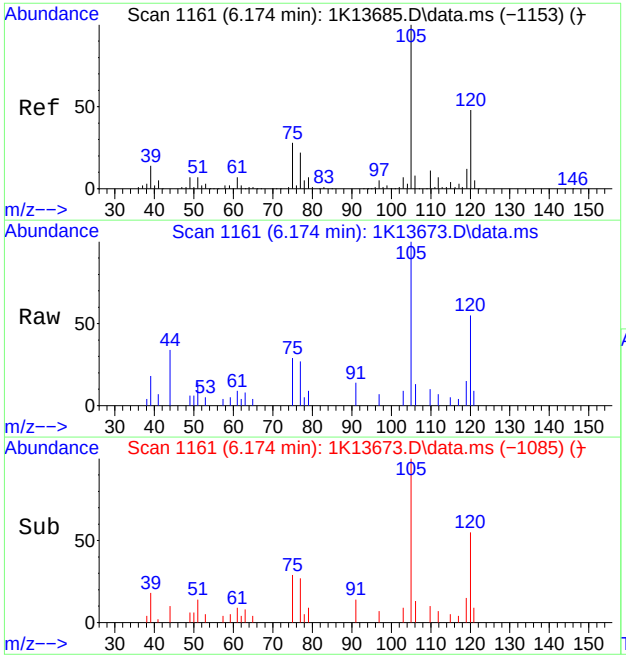


#100
trans-1,4-dichloro-2-butene
Concen: 0.49 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 53 Resp: 1215

Ion	Ratio	Lower	Upper
53	100		
88	54.3	15.0	75.0
75	108.9	88.4	148.4

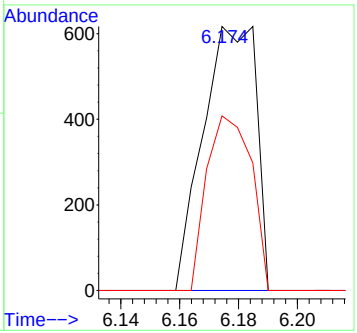


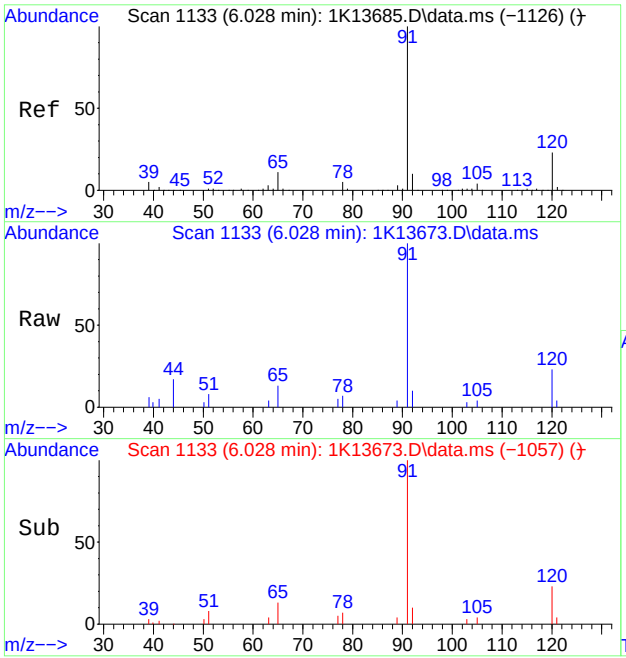


#101
1,2,3-trichloropropane
Concen: 0.39 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:110 Resp: 774

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	40.4
97	66.1	19.6	79.6

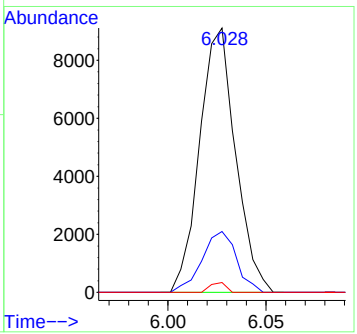


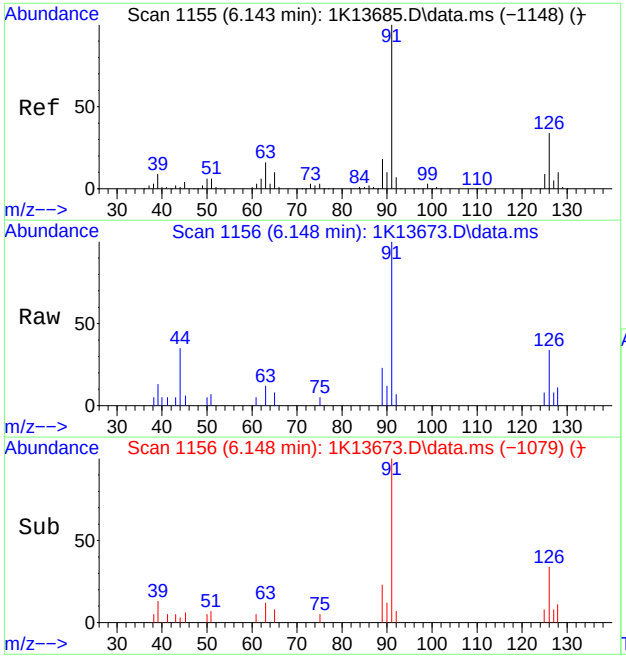


#102
n-propylbenzene
Concen: 0.48 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 91 Resp: 11620

Ion	Ratio	Lower	Upper
91	100		
120	23.0	0.0	53.1
105	3.7	0.0	33.8

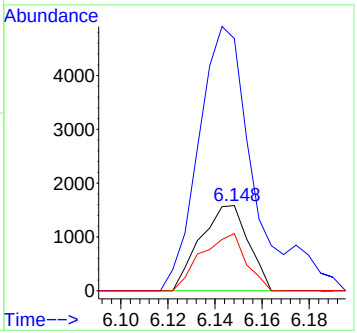


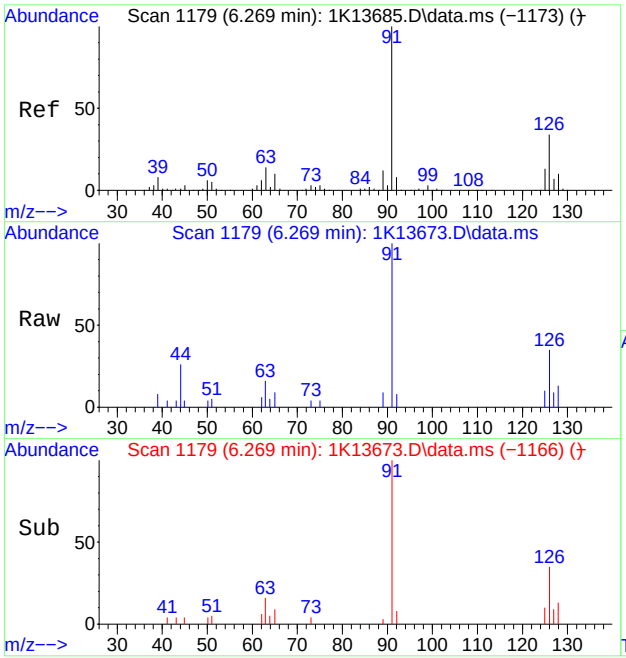


#103
2-chlorotoluene
Concen: 0.51 ug/L
RT: 6.148 min Scan# 1156
Delta R.T. 0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:126 Resp: 2253

Ion	Ratio	Lower	Upper
126	100		
91	295.5	265.3	325.3
89	67.0	24.5	84.5

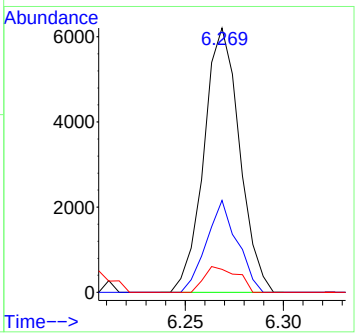


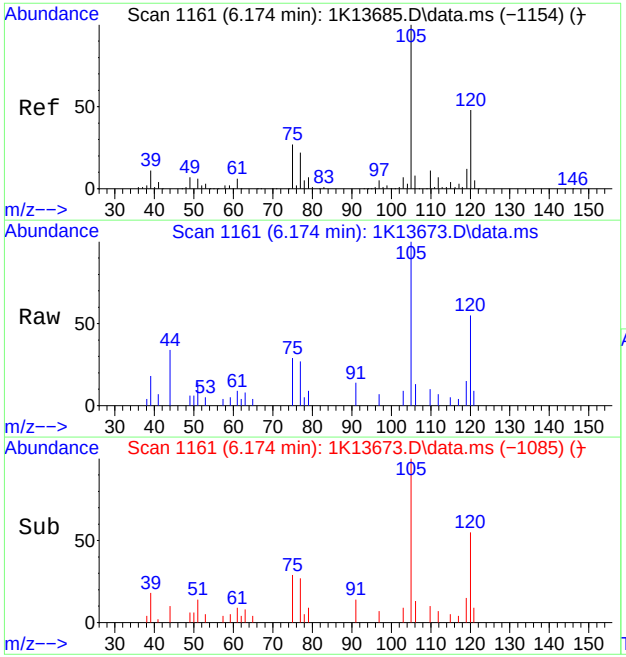


#104
4-chlorotoluene
Concen: 0.53 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 91 Resp: 7858

Ion	Ratio	Lower	Upper
91	100		
126	34.8	3.8	63.8
89	8.7	0.0	41.7

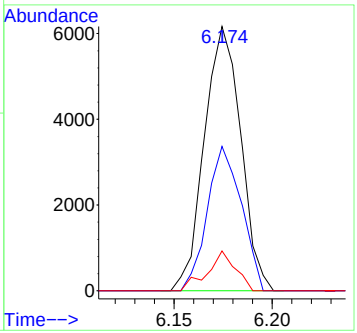


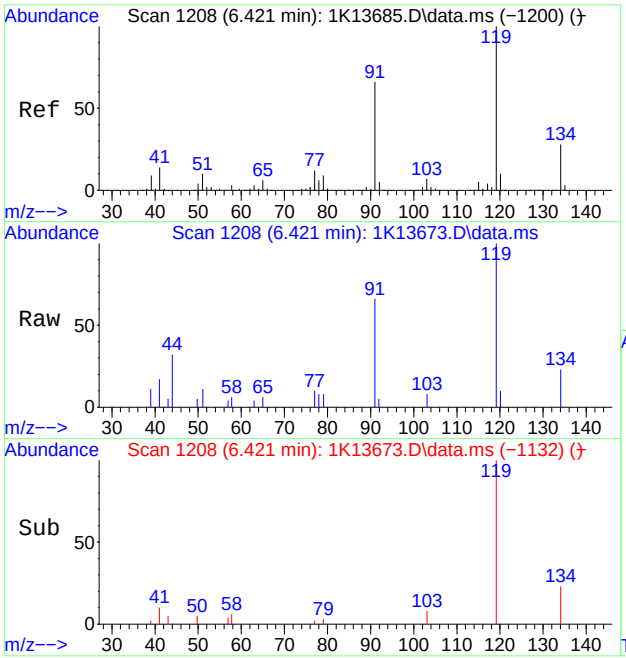


#105
1,3,5-trimethylbenzene
Concen: 0.50 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:105 Resp: 7983

Ion	Ratio	Lower	Upper
105	100		
120	54.6	18.3	78.3
119	15.1	0.0	42.2

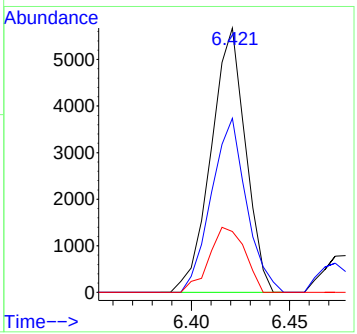




#106
tert-butylbenzene
Concen: 0.53 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

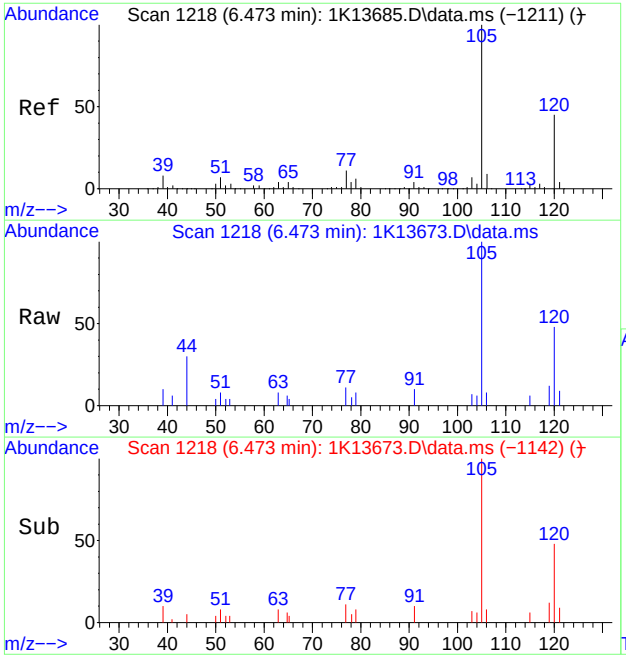
Tgt Ion:119 Resp: 6939

Ion	Ratio	Lower	Upper
119	100		
91	65.9	36.3	96.3
134	23.0	0.0	57.5



7.6.15

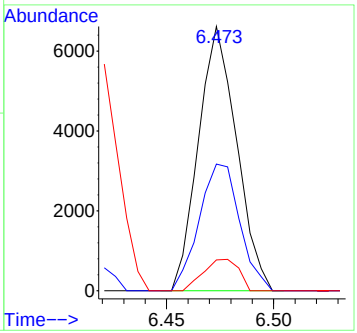
7

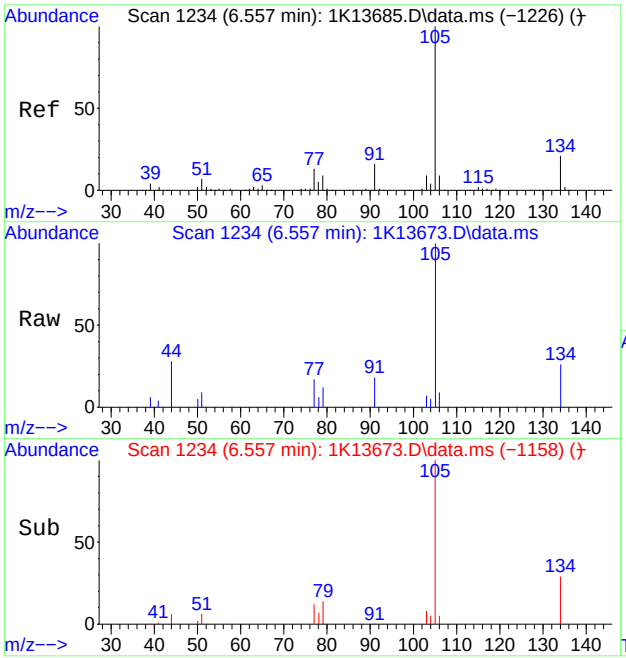


#107
1,2,4-trimethylbenzene
Concen: 0.51 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:105 Resp: 8231

Ion	Ratio	Lower	Upper
105	100		
120	47.9	16.6	76.6
119	11.7	0.0	41.7

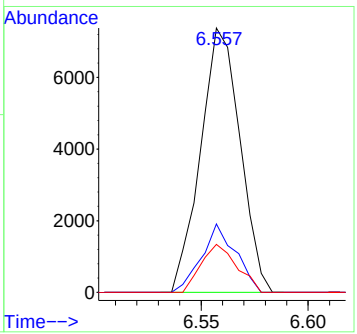


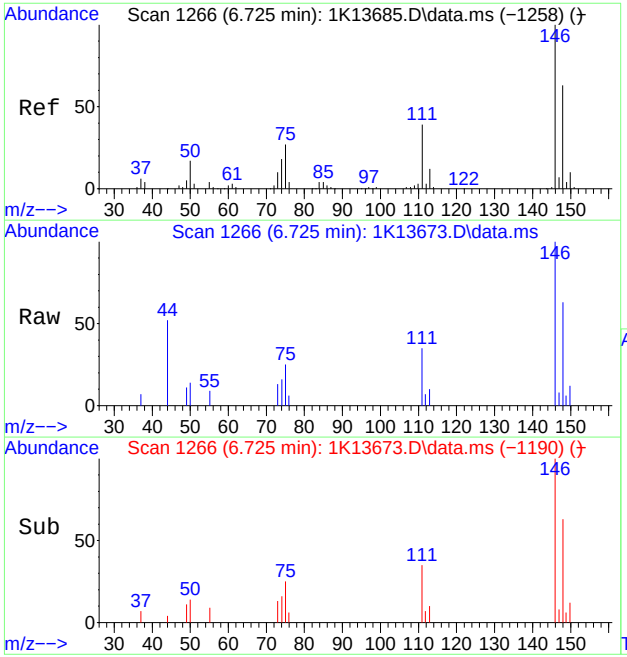


#108
sec-butylbenzene
Concen: 0.51 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:105 Resp: 9486

Ion	Ratio	Lower	Upper
105	100		
134	25.8	0.0	50.7
91	18.1	0.0	45.7

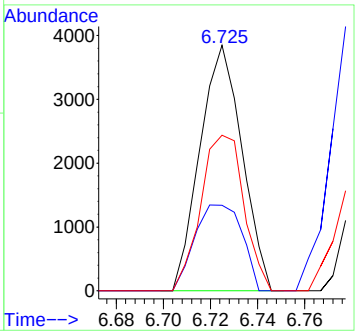


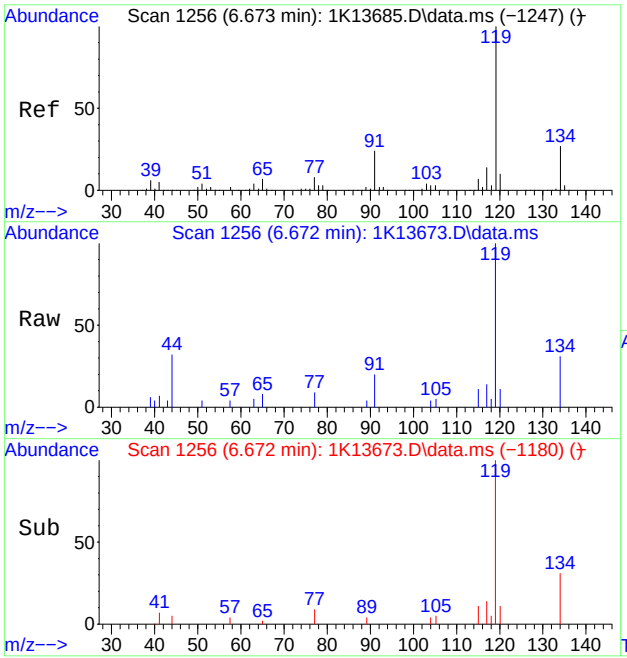


#109
1,3-dichlorobenzene
Concen: 0.51 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:146 Resp: 4787

Ion	Ratio	Lower	Upper
146	100		
111	34.9	8.8	68.8
148	63.4	33.3	93.3

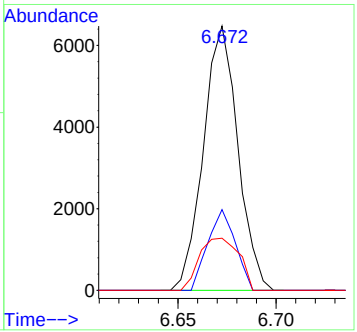


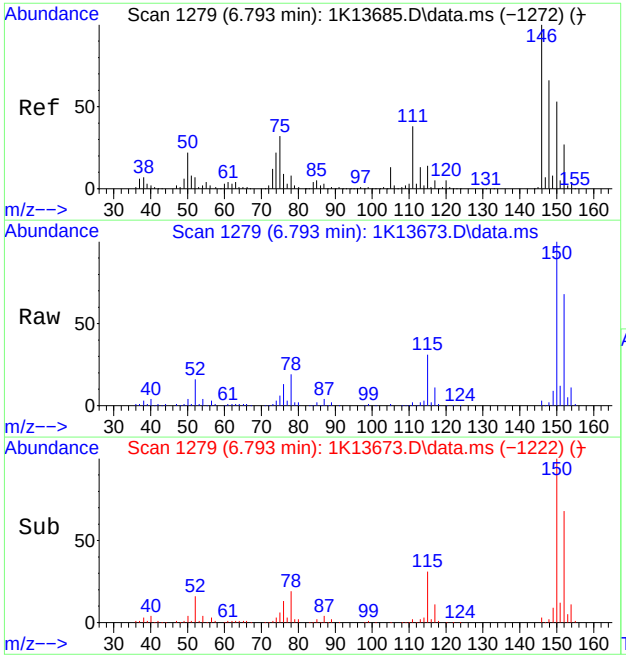


#110
p-isopropyltoluene
Concen: 0.50 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:119 Resp: 7930

Ion	Ratio	Lower	Upper
119	100		
134	30.6	0.0	57.5
91	19.7	0.0	53.9

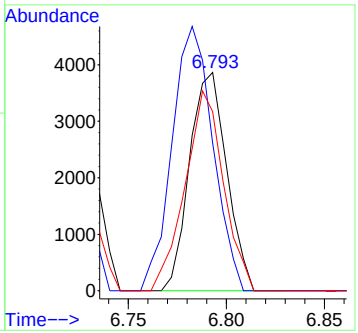


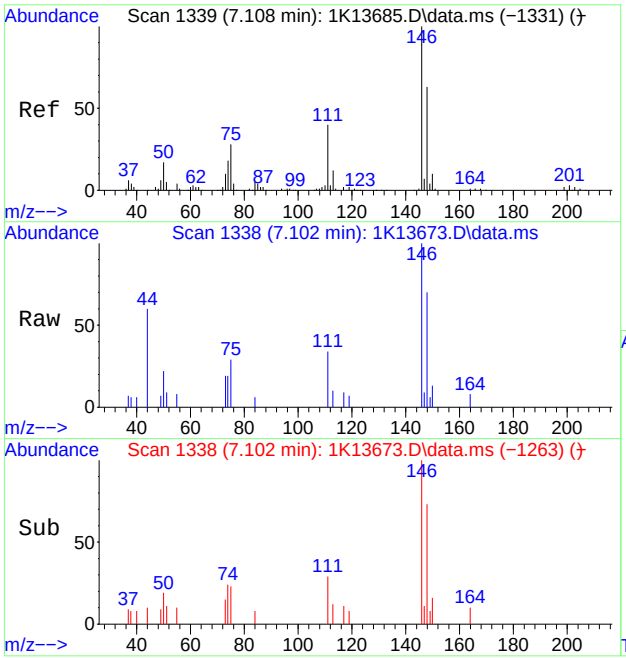


#111
1,4-dichlorobenzene
Concen: 0.53 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:146 Resp: 5092

Ion	Ratio	Lower	Upper
146	100		
111	67.7	7.8	67.8
148	82.0	35.5	95.5

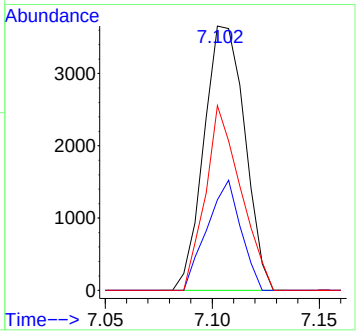


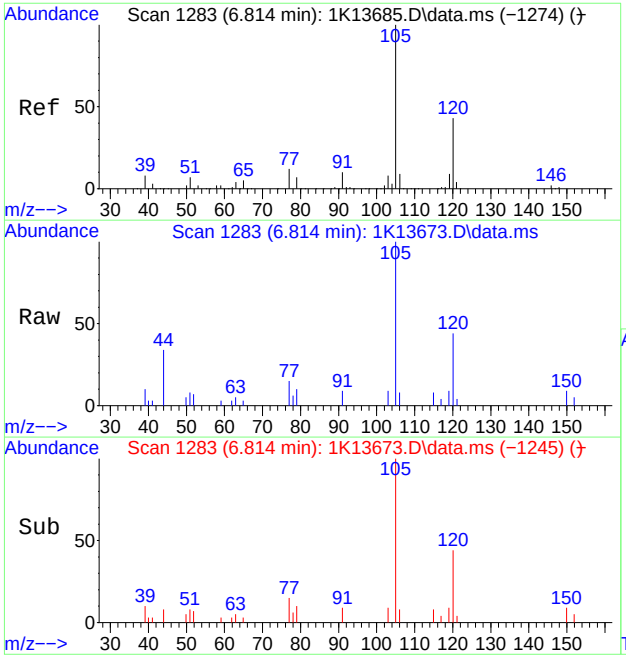


#112
1,2-dichlorobenzene
Concen: 0.54 ug/L
RT: 7.102 min Scan# 1338
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:146 Resp: 4867

Ion	Ratio	Lower	Upper
146	100		
111	34.3	9.5	69.5
148	69.9	32.9	92.9

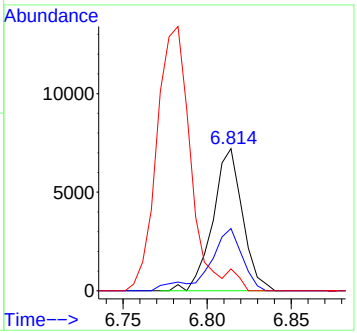


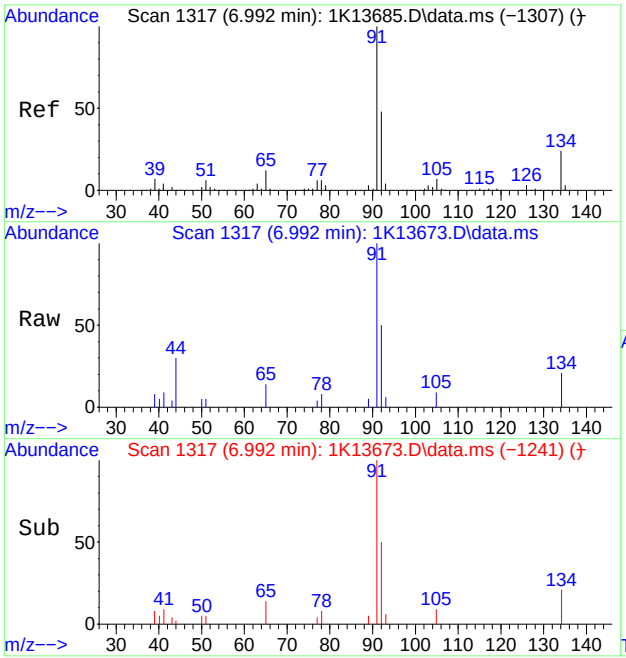


#113
1,2,3-trimethylbenzene
Concen: 0.50 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:105 Resp: 8843

Ion	Ratio	Lower	Upper
105	100		
120	43.9	13.3	73.3
77	15.5	0.0	42.2

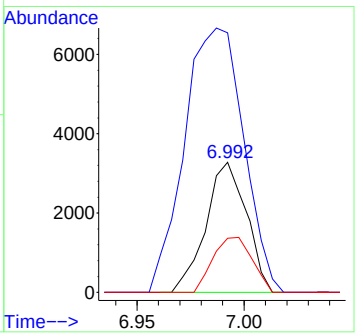


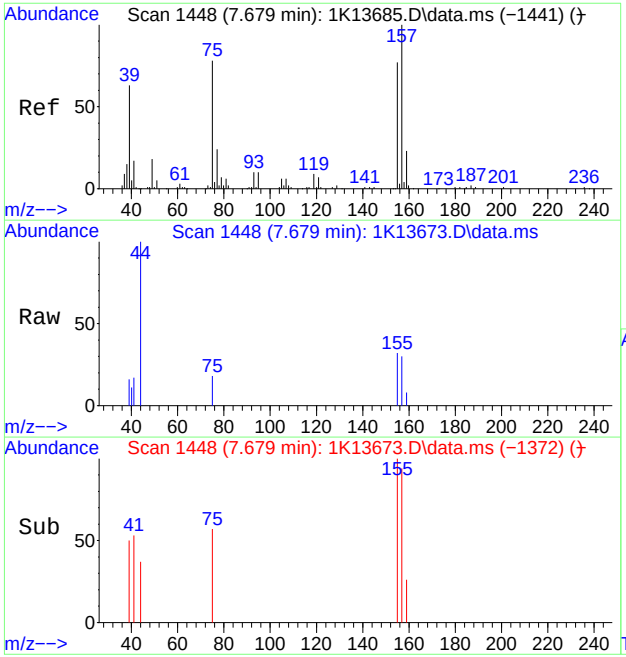


#114
n-butylbenzene
Concen: 0.51 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion: 92 Resp: 4332

Ion	Ratio	Lower	Upper
92	100		
91	199.5	176.9	236.9
134	41.6	18.8	78.8

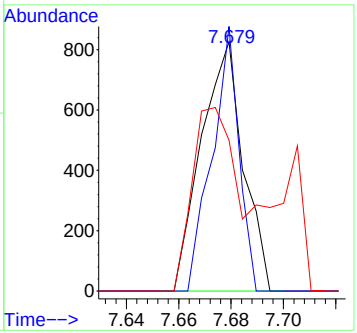


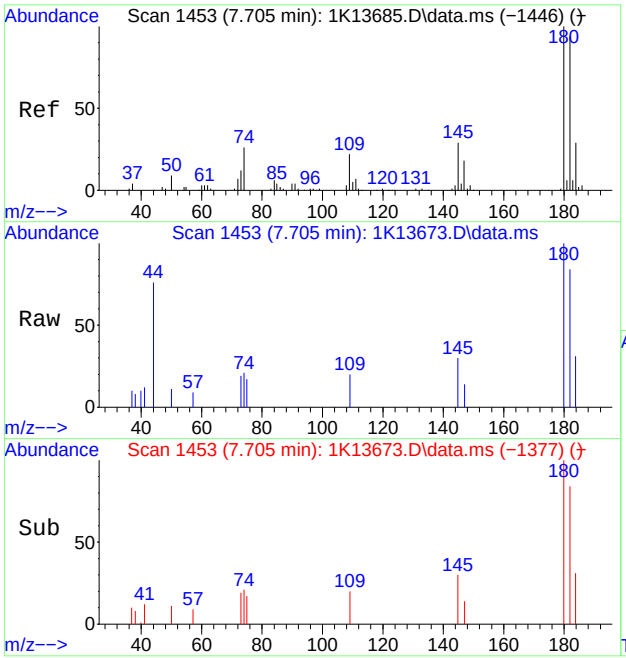


#115
1,2-dibromo-3-chloropropane
Concen: 0.45 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:157 Resp: 924

Ion	Ratio	Lower	Upper
157	100		
155	106.2	47.4	107.4
75	60.5	47.7	107.7

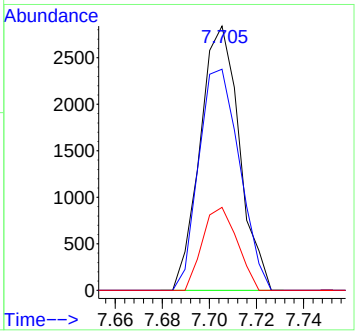


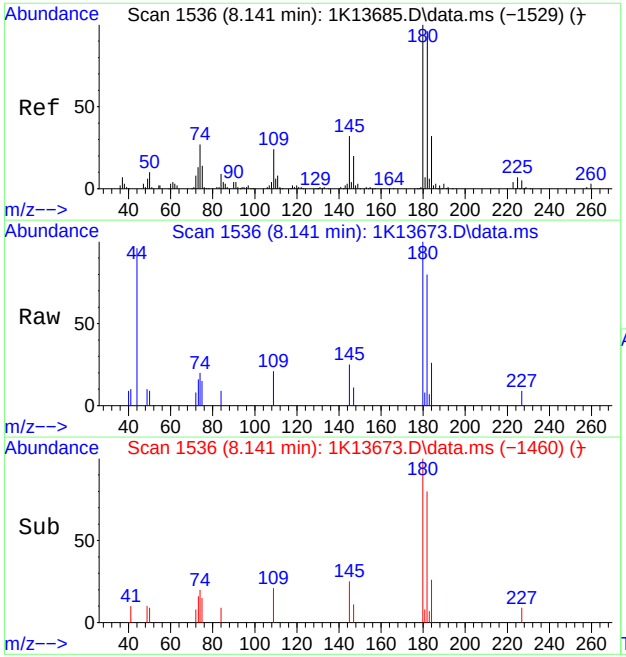


#116
1,3,5-trichlorobenzene
Concen: 0.57 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:180 Resp: 3300

Ion	Ratio	Lower	Upper
180	100		
182	83.7	74.2	114.2
184	31.4	9.3	49.3

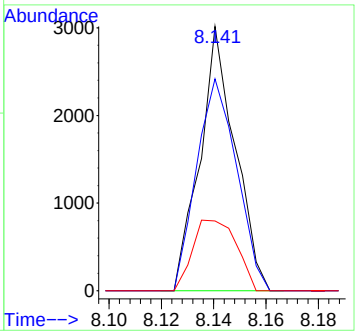


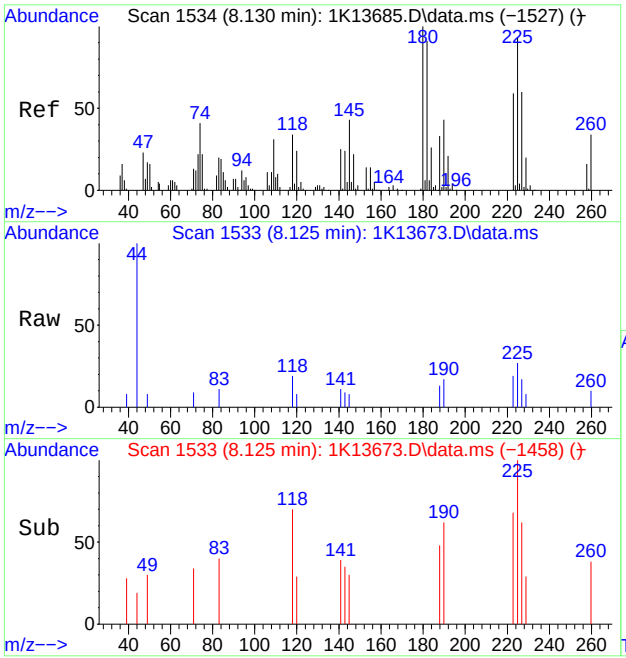


#117
1,2,4-trichlorobenzene
Concen: 0.51 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:180 Resp: 2829

Ion	Ratio	Lower	Upper
180	100		
182	80.1	66.2	126.2
184	26.5	1.6	61.6

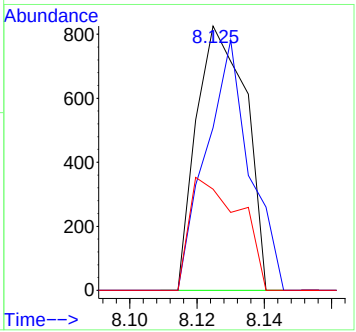


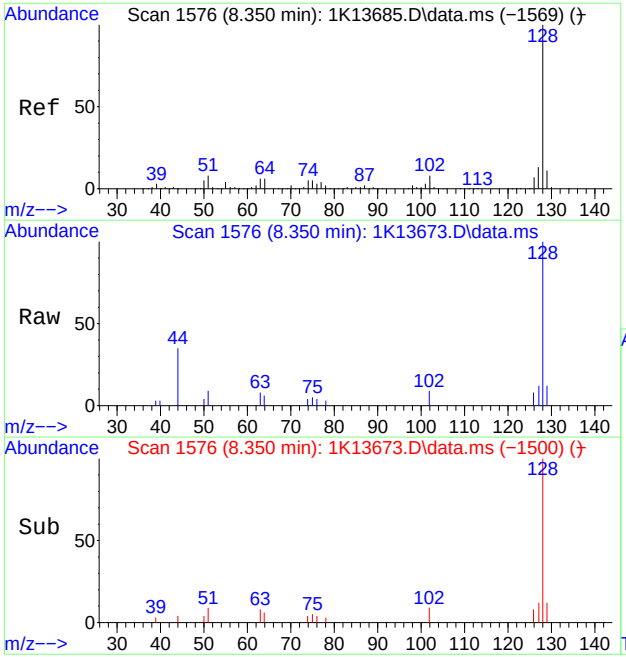


#118
hexachlorobutadiene
Concen: 0.43 ug/L
RT: 8.125 min Scan# 1533
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:225 Resp: 845

Ion	Ratio	Lower	Upper
225	100		
227	61.5	34.0	94.0
260	38.3	6.4	66.4

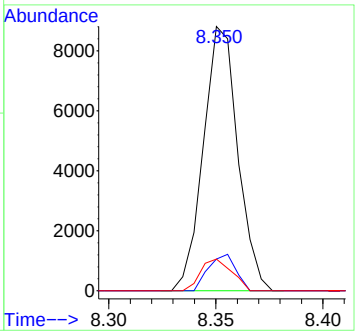


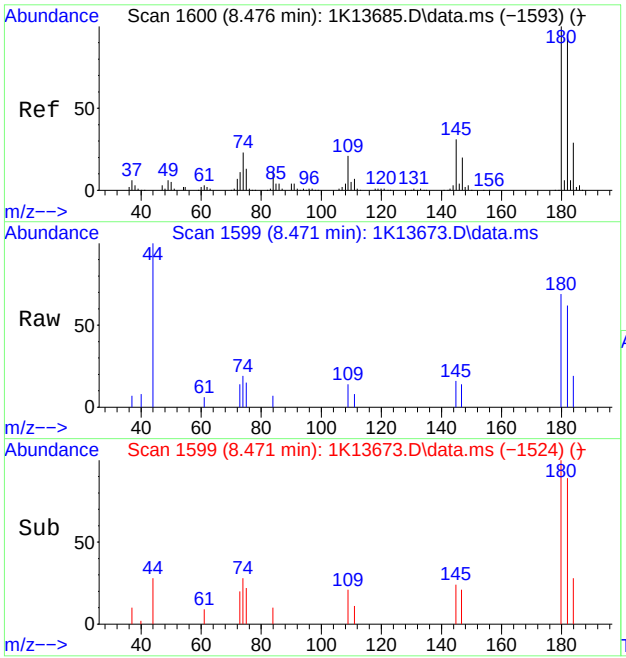


#119
naphthalene
Concen: 0.49 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:128 Resp: 9886

Ion	Ratio	Lower	Upper
128	100		
129	12.0	0.0	40.7
127	12.0	0.0	42.5

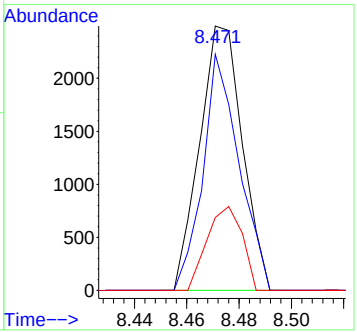




#120
1,2,3-trichlorobenzene
Concen: 0.58 ug/L
RT: 8.471 min Scan# 1599
Delta R.T. -0.005 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

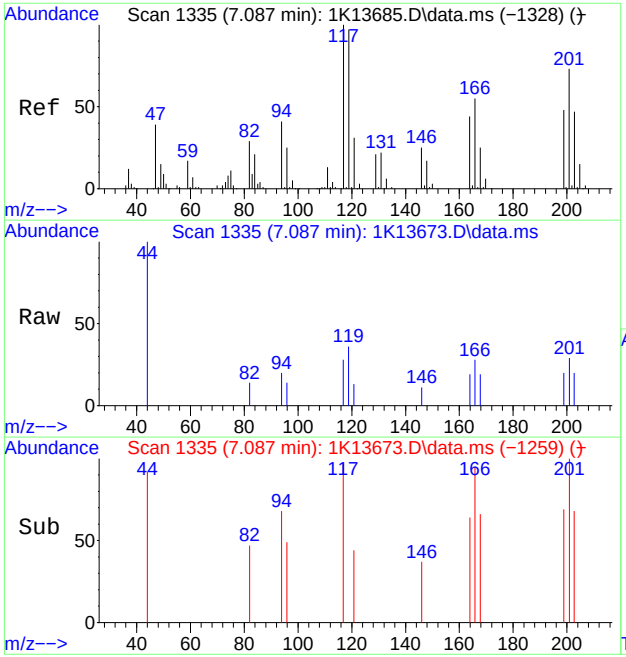
Tgt Ion:180 Resp: 2841

Ion	Ratio	Lower	Upper
180	100		
182	89.2	64.7	124.7
184	27.6	0.0	59.2



7.6.15

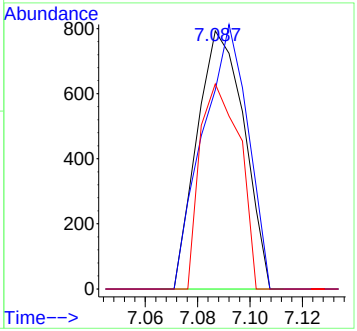
7

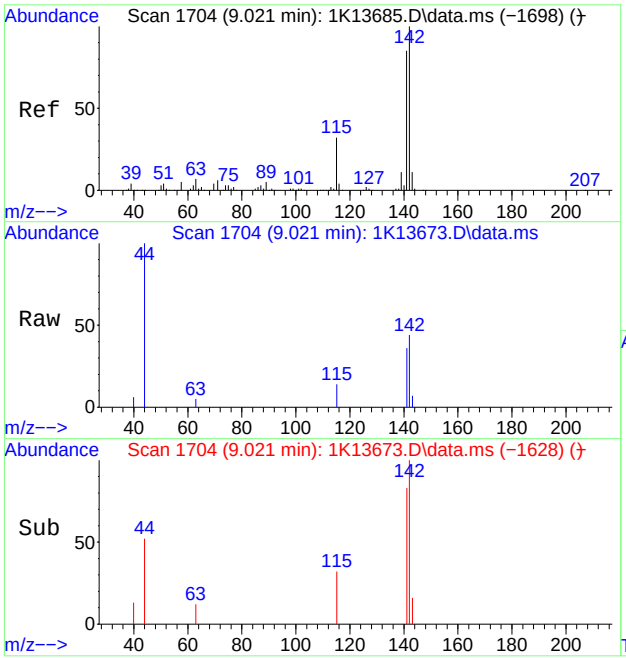


#121
hexachloroethane
Concen: 0.39 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:119 Resp: 990

Ion	Ratio	Lower	Upper
119	100		
117	77.0	73.4	133.4
201	79.4	45.3	105.3

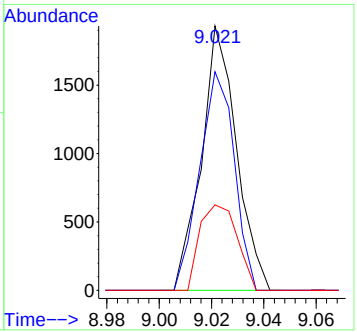




#123
2-methylnaphthalene
Concen: 0.22 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13673.D
Acq: 2 Dec 2023 2:17 pm

Tgt Ion:142 Resp: 1805

Ion	Ratio	Lower	Upper
142	100		
141	82.7	55.2	115.2
115	32.3	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13675.D
Acq On : 2 Dec 2023 2:50 pm
Operator : PrashanS
Sample : IC376-1
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 04 15:41:15 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	475998	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	496491	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	890774	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	751317	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	374189	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	496491	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	374189	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	247716	49.65	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.30%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	286232	49.43	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.86%				
73) toluene-d8 (s)	4.062	98	1024211	49.94	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.88%				
97) 4-bromofluorobenzene (s)	5.923	95	361648	49.08	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.16%				
Target Compounds							Qvalue
2) ethanol	1.671	45	12106	106.73	ug/L		99
3) tertiary butyl alcohol	2.090	59	6156	4.72	ug/L		87
4) 1,4-dioxane	3.689	88	2329	23.71	ug/L	#	75
6) chlorodifluoromethane	1.120	51	6516	0.99	ug/L		90
7) dichlorodifluoromethane	1.094	85	3890	1.10	ug/L		93
8) chloromethane	1.199	50	4258	0.97	ug/L		88
9) vinyl chloride	1.230	62	4981	1.06	ug/L		94
10) 1,3-butadiene	1.230	39	6590	1.27	ug/L		95
11) bromomethane	1.382	96	951	1.02	ug/L	#	74
12) chloroethane	1.435	64	3378	1.46	ug/L		94
13) trichlorofluoromethane	1.493	101	6060	1.11	ug/L		87
14) ethyl ether	1.618	74	2370	0.97	ug/L		96
15) acrolein	1.860	56	1156	0.97	ug/L	#	28
16) freon 113	1.728	151	2575	0.81	ug/L	#	87
17) 1,1-dichloroethene	1.718	61	6055	1.01	ug/L		92
18) acetone	1.980	58	4042	4.18	ug/L		92
21) carbon disulfide	1.755	76	11752	0.97	ug/L		97
22) methylene chloride	1.975	84	4445	1.00	ug/L		95
23) methyl acetate	2.022	74	1084	0.96	ug/L	#	60
24) methyl tert butyl ether	2.075	73	12160	0.94	ug/L		95
25) trans-1,2-dichloroethene	2.038	96	4112	1.01	ug/L		86
26) hexane	2.069	57	10633	0.93	ug/L		96
27) di-isopropyl ether	2.232	45	12466	0.90	ug/L		95
28) ethyl tert-butyl ether	2.400	59	12617	0.88	ug/L		97
29) 2-butanone	2.819	72	3592	3.40	ug/L		98
30) 1,1-dichloroethane	2.316	63	7988	1.01	ug/L		88
31) chloroprene	2.300	53	7048	0.96	ug/L		94
32) acrylonitrile	2.331	52	2168	1.00	ug/L	#	73
33) vinyl acetate	2.405	86	826	0.80	ug/L		98
34) ethyl acetate	2.714	70	508	0.75	ug/L	#	83
35) 2,2-dichloropropane	2.615	77	6375	0.97	ug/L		96
36) cis-1,2-dichloroethene	2.562	96	4319	0.91	ug/L		94
37) propionitrile	2.976	54	12635	9.31	ug/L	#	50
39) bromochloromethane	2.656	128	1962	0.96	ug/L	#	73
40) tetrahydrofuran	2.767	71	907	0.96	ug/L	#	74
41) chloroform	2.677	47	2623	0.94	ug/L		96
44) 1,1,1-trichloroethane	2.793	97	6135	0.92	ug/L		94
45) cyclohexane	2.672	84	6983	0.99	ug/L		91

SGS

7.6.16

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13675.D
Acq On : 2 Dec 2023 2:50 pm
Operator : PrashanS
Sample : IC376-1
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 04 15:41:15 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) 1,1-dichloropropene	2.856	75	5679	0.99 ug/L	94
47) carbon tetrachloride	2.767	117	5817	0.93 ug/L #	80
49) tert-amyl alcohol	3.086	55	2139	4.53 ug/L #	61
52) iso-octane	2.898	57	13230	0.96 ug/L	90
53) benzene	2.976	78	17106	0.96 ug/L	97
54) tert-amyl methyl ether	3.013	73	12641	0.90 ug/L	93
55) heptane	2.940	57	2352	0.83 ug/L	98
56) isopropyl acetate	3.170	87	1031	0.76 ug/L #	35
57) 1,2-dichloroethane	3.076	62	6243	0.91 ug/L	92
58) n-butyl alcohol	3.401	56	15185	43.46 ug/L	95
59) ethyl acrylate	3.532	55	6878	0.87 ug/L	93
60) trichloroethene	3.275	130	4323	1.00 ug/L	92
61) 2-nitropropane	4.219	41	2493	1.04 ug/L #	46
62) 2-chloroethyl vinyl ether	3.894	63	7148	2.83 ug/L	94
63) methyl methacrylate	3.653	100	1136	0.75 ug/L #	81
64) 1,2-dichloropropane	3.558	63	3995	0.87 ug/L	93
65) methylcyclohexane	3.280	98	3369	0.99 ug/L #	1
66) dibromomethane	3.501	93	2591	0.97 ug/L	89
67) bromodichloromethane	3.585	83	5245	0.91 ug/L	92
68) epichlorohydrin	4.088	57	5082	5.77 ug/L #	32
69) cis-1,3-dichloropropene	3.946	75	6606	1.00 ug/L	96
70) 4-methyl-2-pentanone	4.303	58	9117	3.57 ug/L #	85
71) 3-methyl-1-butanol	4.166	70	4562	15.72 ug/L	91
74) toluene	4.093	92	10094	0.89 ug/L	95
75) ethyl methacrylate	4.429	69	5681	0.93 ug/L	88
76) trans-1,3-dichloropropene	4.334	75	5696	0.85 ug/L	97
77) 1,1,2-trichloroethane	4.444	83	3165	1.01 ug/L #	87
78) tetrachloroethene	4.340	166	4061	0.91 ug/L	93
79) 2-hexanone	4.848	58	10573	3.59 ug/L	91
80) 1,3-dichloropropane	4.617	76	6316	0.88 ug/L	99
81) butyl acetate	4.780	56	3403	0.85 ug/L	92
82) dibromochloromethane	4.560	129	3615	0.96 ug/L	84
83) 1,2-dibromoethane	4.722	107	3632	0.90 ug/L	94
84) n-butyl ether	4.990	57	19332	0.95 ug/L	97
85) chlorobenzene	5.074	112	11380	0.98 ug/L	87
86) 1,1,1,2-tetrachloroethane	5.110	131	3451	0.92 ug/L	95
87) ethylbenzene	5.084	91	21699	0.93 ug/L	95
88) m,p-xylene	5.189	106	15457	1.89 ug/L	91
89) o-xylene	5.493	106	7048	0.93 ug/L	98
90) styrene	5.524	104	11437	0.90 ug/L	91
91) bromoform	5.545	173	2196	0.81 ug/L	94
92) butyl acrylate	5.614	55	9344	0.89 ug/L	93
93) isopropylbenzene	5.718	105	17752	1.01 ug/L	98
94) n-amyl acetate	5.802	70	3290	0.87 ug/L #	85
95) cis-1,4-dichloro-2-butene	5.970	88	1882	0.82 ug/L	90
98) bromobenzene	6.007	156	4633	0.96 ug/L	87
99) 1,1,2,2-tetrachloroethane	6.075	83	5083	0.94 ug/L	96
100) trans-1,4-dichloro-2-b...	6.206	53	1899	0.79 ug/L	84
101) 1,2,3-trichloropropane	6.180	110	1817	1.05 ug/L	78
102) n-propylbenzene	6.028	91	22512	0.95 ug/L	95
103) 2-chlorotoluene	6.148	126	4403	1.01 ug/L #	67
104) 4-chlorotoluene	6.269	91	14259	0.96 ug/L	96
105) 1,3,5-trimethylbenzene	6.175	105	14861	0.95 ug/L	95
106) tert-butylbenzene	6.421	119	12900	0.99 ug/L	95
107) 1,2,4-trimethylbenzene	6.473	105	15764	0.99 ug/L	90
108) sec-butylbenzene	6.557	105	17716	0.96 ug/L	94
109) 1,3-dichlorobenzene	6.725	146	9040	0.97 ug/L	99
110) p-isopropyltoluene	6.673	119	14377	0.92 ug/L	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13675.D
Acq On : 2 Dec 2023 2:50 pm
Operator : PrashanS
Sample : IC376-1
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 04 15:41:15 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

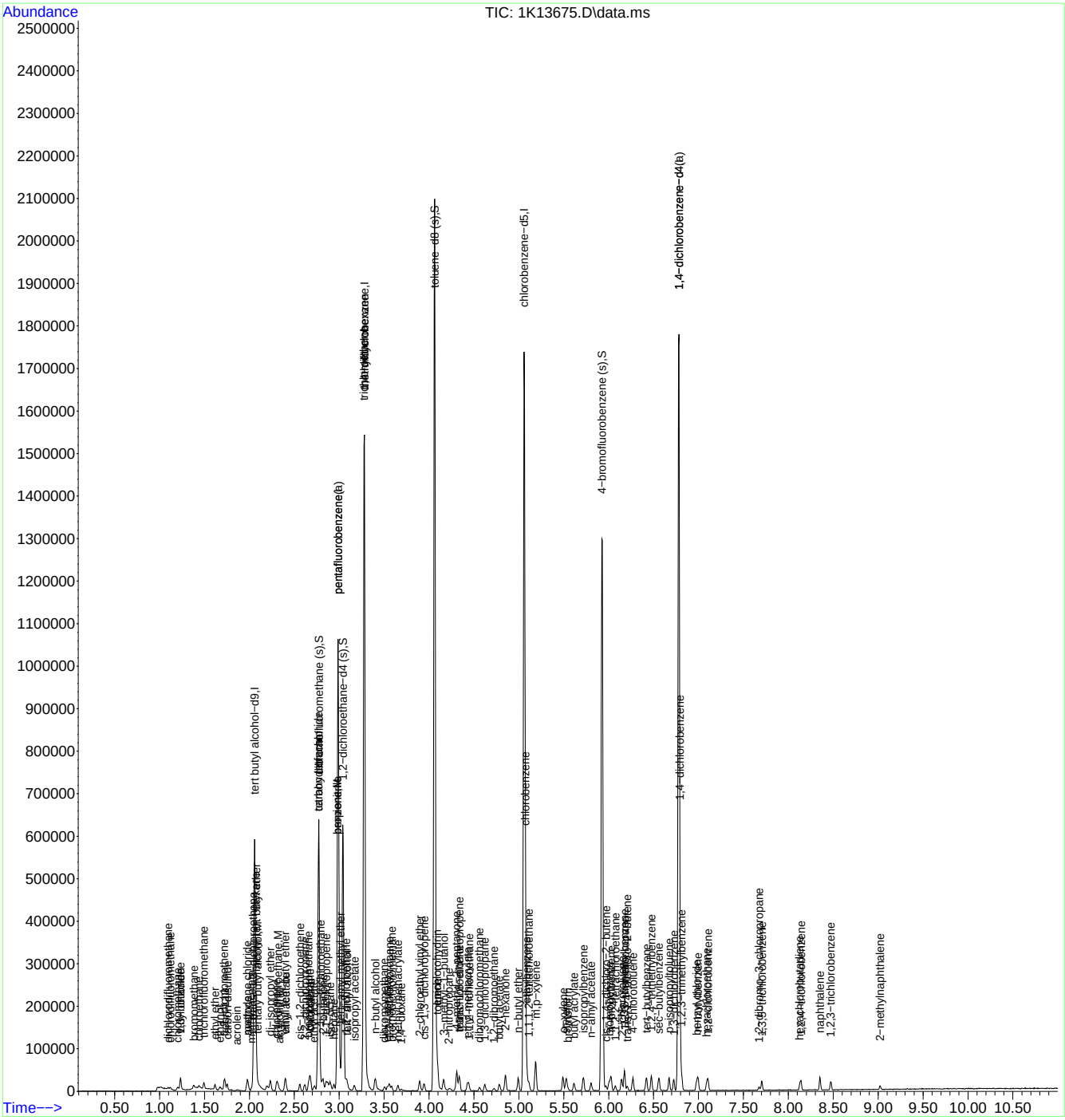
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,4-dichlorobenzene	6.793	146	8915	0.92	ug/L	91
112) 1,2-dichlorobenzene	7.103	146	8062	0.88	ug/L	95
113) 1,2,3-trimethylbenzene	6.809	105	15741	0.91	ug/L	97
114) n-butylbenzene	6.992	92	7841	0.94	ug/L	91
115) 1,2-dibromo-3-chloropr...	7.674	157	1556	0.82	ug/L	93
116) 1,3,5-trichlorobenzene	7.706	180	5539	0.93	ug/L	94
117) 1,2,4-trichlorobenzene	8.141	180	4887	0.89	ug/L	90
118) hexachlorobutadiene	8.125	225	1795	1.00	ug/L	94
119) naphthalene	8.350	128	16260	0.83	ug/L	95
120) 1,2,3-trichlorobenzene	8.471	180	4505	0.89	ug/L	91
121) hexachloroethane	7.092	119	1781	0.80	ug/L	73
122) benzyl chloride	6.982	126	1937	0.70	ug/L	97
123) 2-methylnaphthalene	9.022	142	3172	0.42	ug/L	95

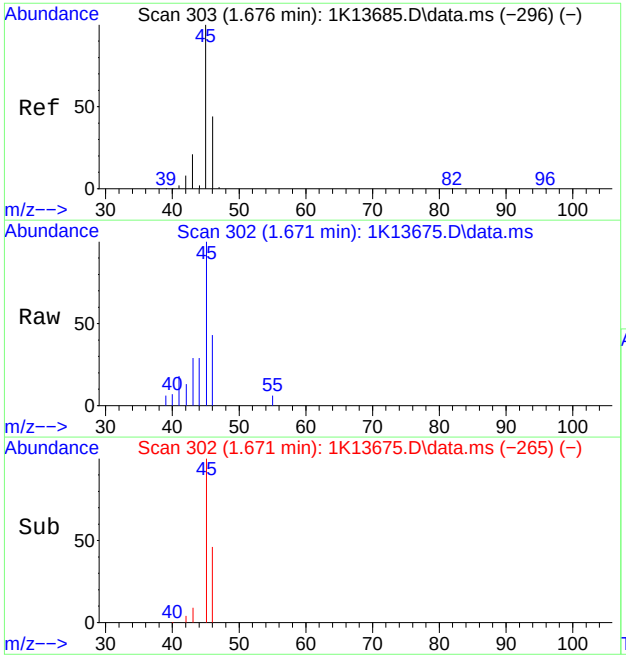
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13675.D
Acq On : 2 Dec 2023 2:50 pm
Operator : PrashanS
Sample : IC376-1
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 04 15:41:15 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

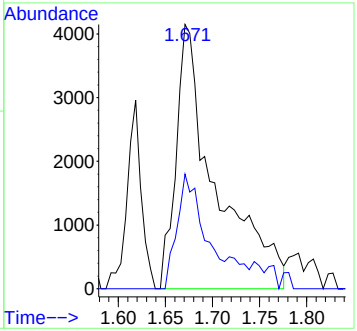


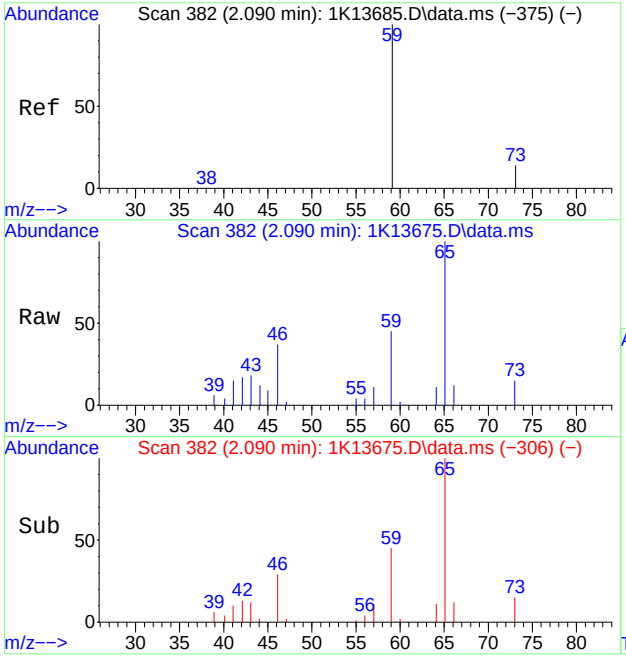


#2
ethanol
Concen: 106.73 ug/L
RT: 1.671 min Scan# 302
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 45 Resp: 12106

Ion	Ratio	Lower	Upper
45	100		
46	43.3	23.9	63.9

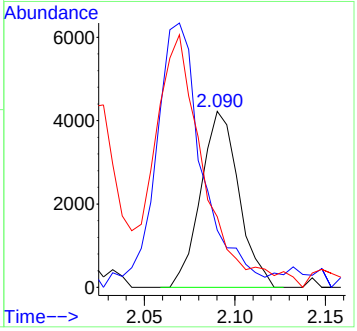


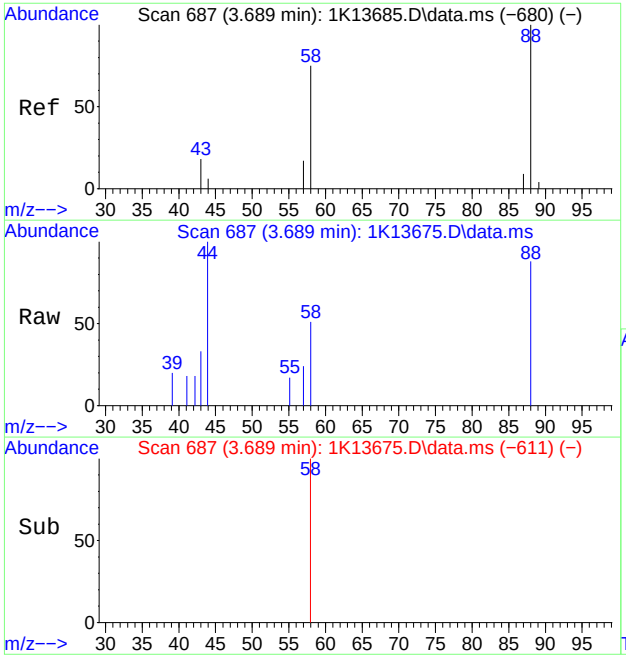


#3
tertiary butyl alcohol
Concen: 4.72 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 59 Resp: 6156

Ion	Ratio	Lower	Upper
59	100		
41	25.3	0.0	30.0
43	31.2	0.0	54.8

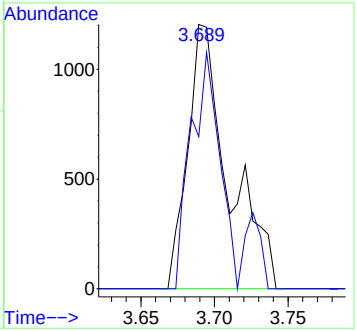


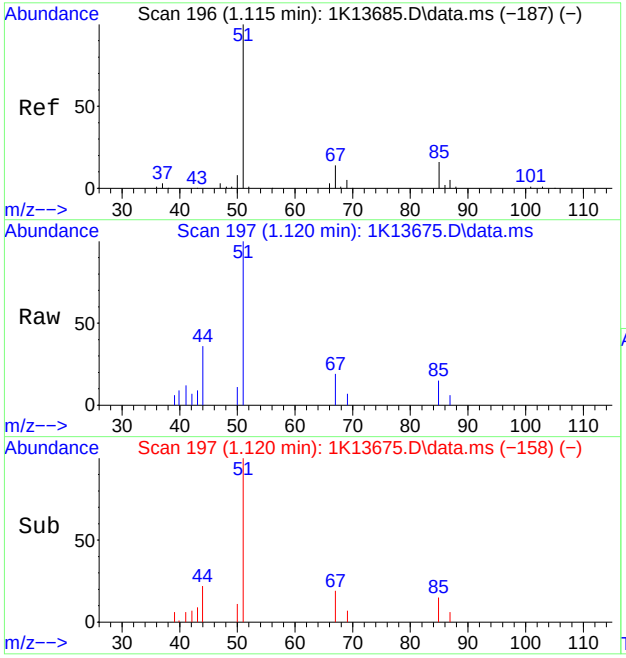


#4
1,4-dioxane
Concen: 23.71 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 88 Resp: 2329

Ion	Ratio	Lower	Upper
88	100		
58	57.6	59.5	99.5#

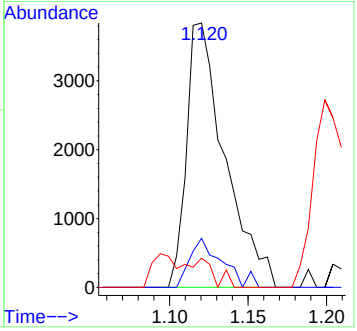


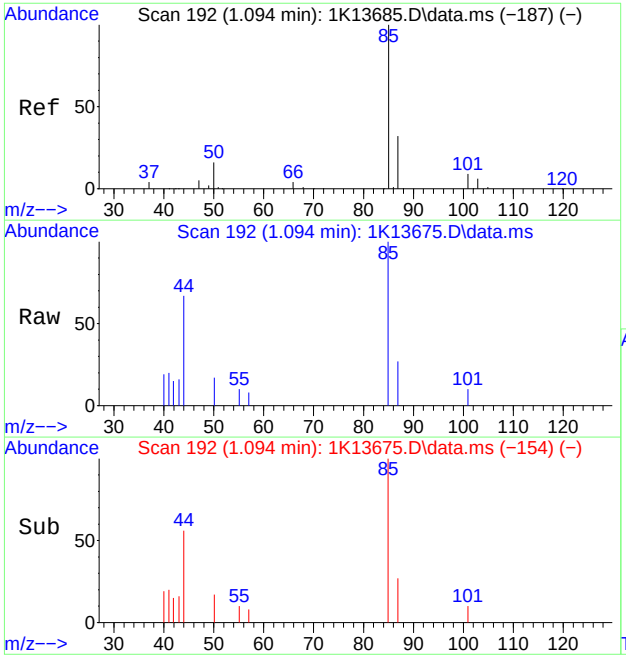


#6
chlorodifluoromethane
Concen: 0.99 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 51 Resp: 6516

Ion	Ratio	Lower	Upper
51	100		
67	18.6	0.0	44.3
50	11.0	0.0	37.7

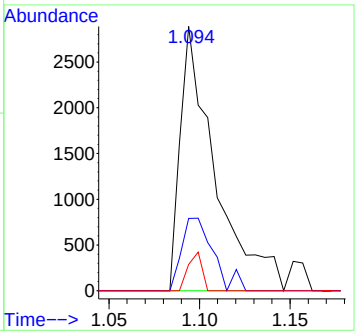


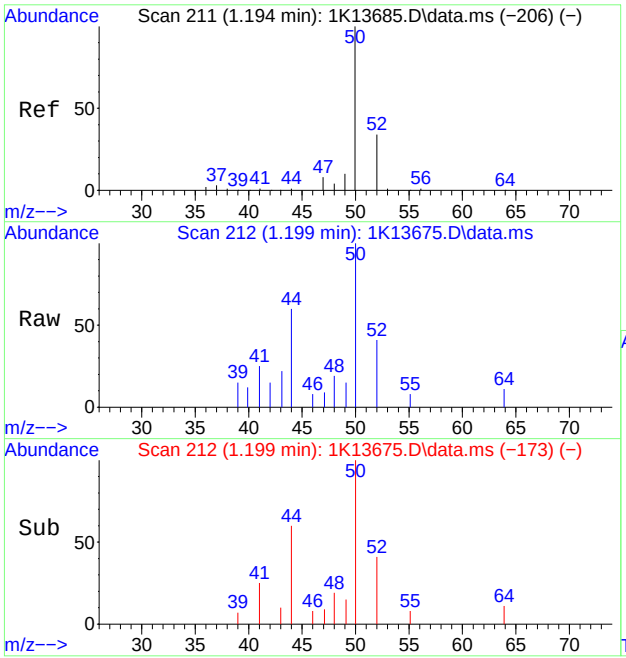


#7
dichlorodifluoromethane
Concen: 1.10 ug/L
RT: 1.094 min Scan# 192
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 85 Resp: 3890

Ion	Ratio	Lower	Upper
85	100		
87	27.4	2.2	62.2
101	10.0	0.0	39.0

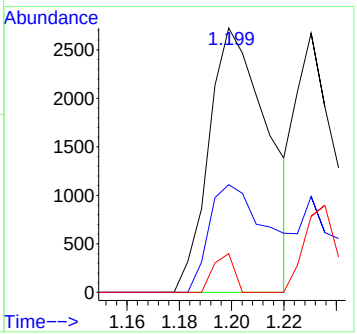


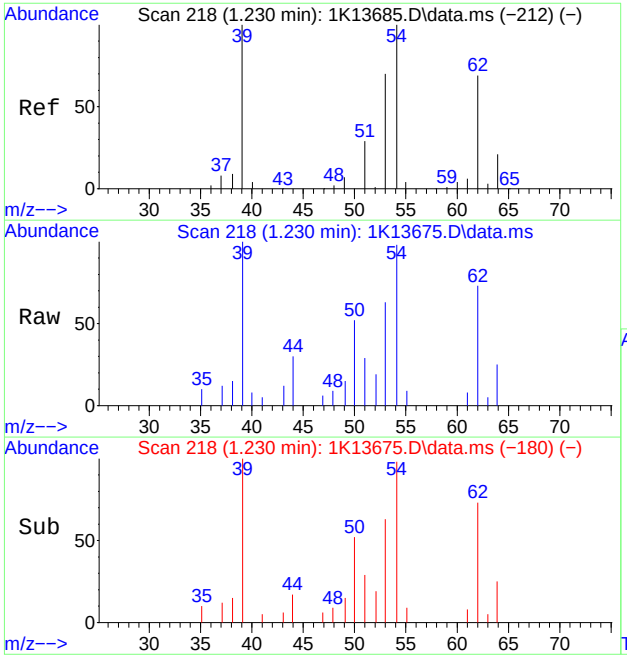


#8
chloromethane
Concen: 0.97 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 50 Resp: 4258

Ion	Ratio	Lower	Upper
50	100		
52	40.8	3.6	63.6
49	14.7	0.0	40.4

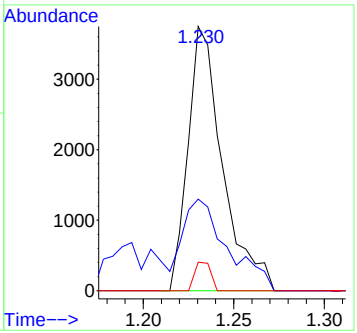


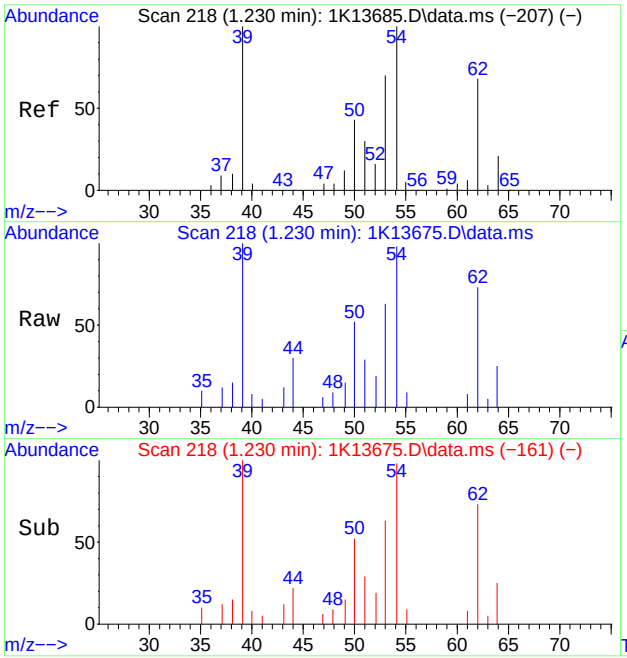


#9
vinyl chloride
Concen: 1.06 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 62 Resp: 4981

Ion	Ratio	Lower	Upper
62	100		
64	34.7	1.3	61.3
61	10.8	0.0	39.1

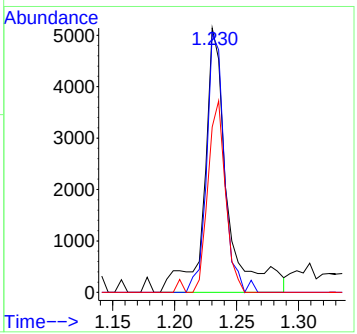


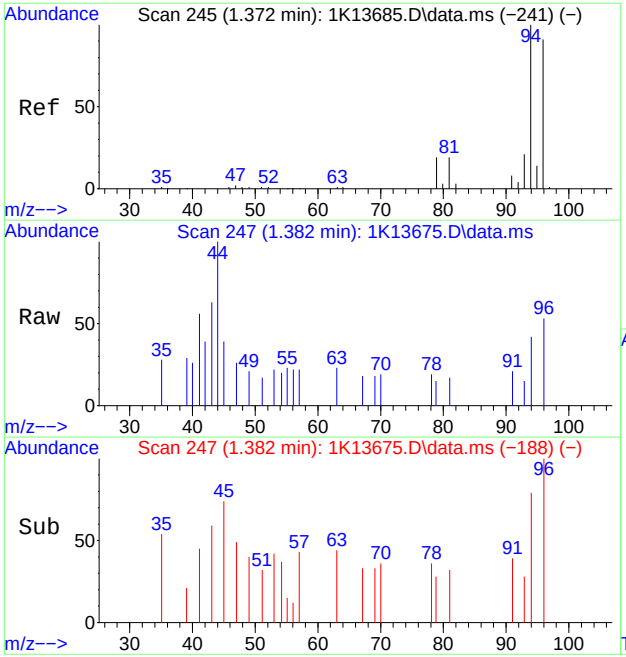


#10
1,3-butadiene
Concen: 1.27 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 39 Resp: 6590

Ion	Ratio	Lower	Upper
39	100		
54	97.8	69.8	129.8
53	62.6	40.1	100.1

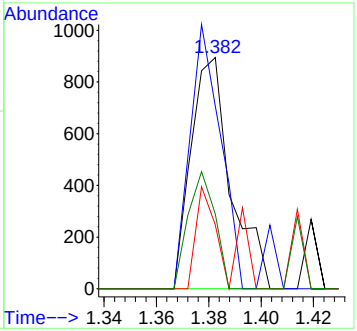


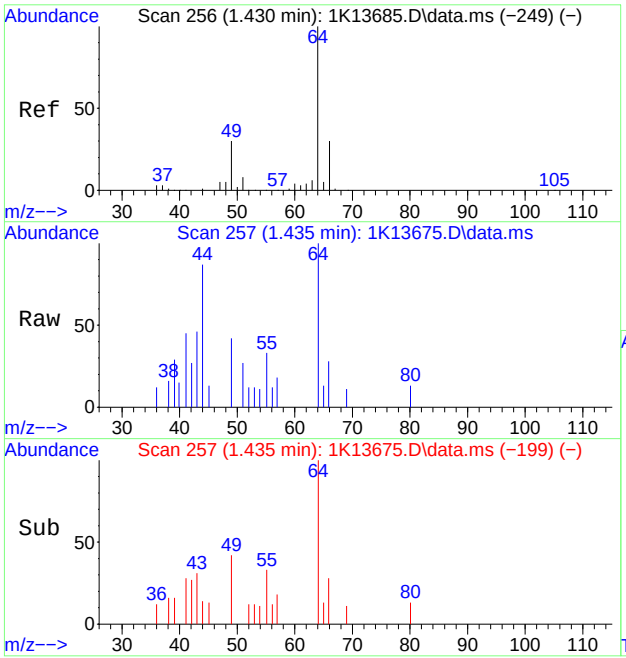


#11
bromomethane
Concen: 1.02 ug/L
RT: 1.382 min Scan# 247
Delta R.T. 0.011 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 96 Resp: 951

Ion	Ratio	Lower	Upper
96	100		
94	79.1	79.4	139.4#
79	27.6	20.3	20.3#
81	32.4	0.9	40.9

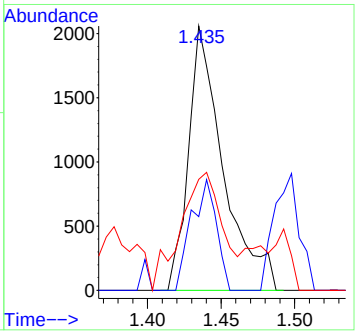


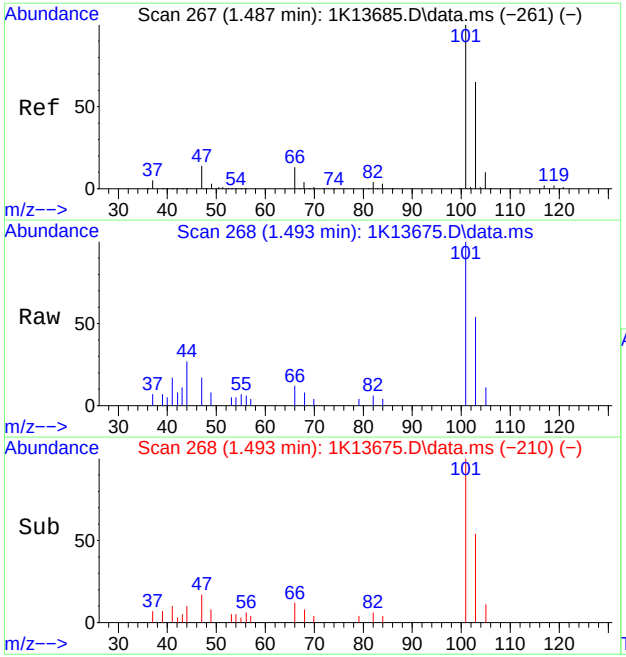


#12
chloroethane
Concen: 1.46 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 64 Resp: 3378

Ion	Ratio	Lower	Upper
64	100		
66	27.9	0.2	60.2
49	26.6	0.3	60.3

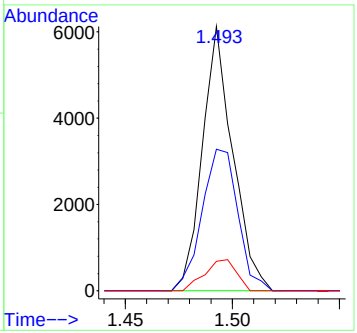


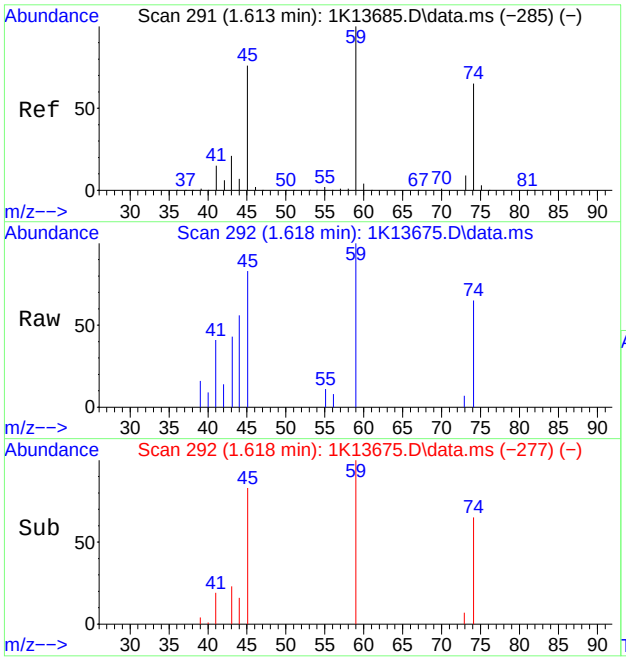


#13
trichlorofluoromethane
Concen: 1.11 ug/L
RT: 1.493 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:101 Resp: 6060

Ion	Ratio	Lower	Upper
101	100		
103	53.5	35.0	95.0
105	11.2	0.0	40.5

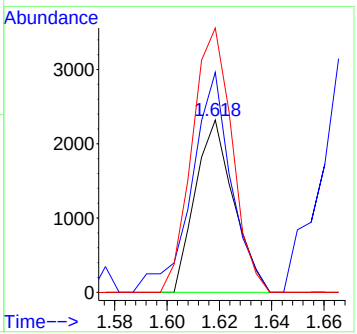


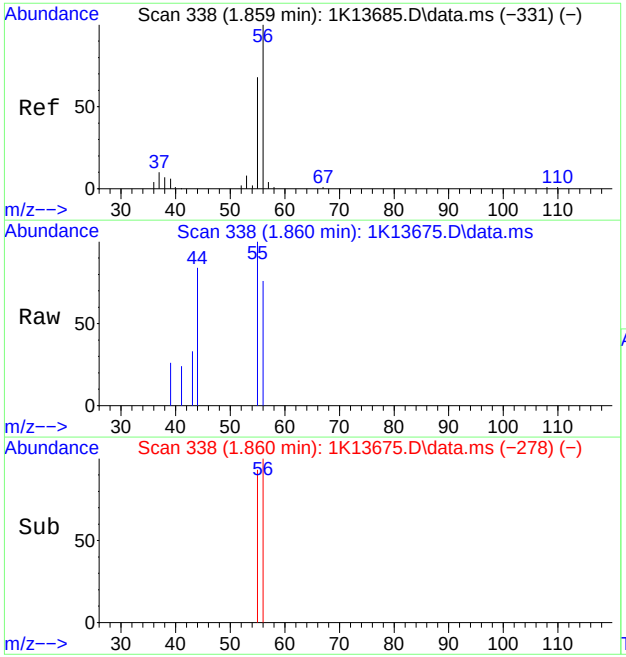


#14
ethyl ether
Concen: 0.97 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 74 Resp: 2370

Ion	Ratio	Lower	Upper
74	100		
45	127.6	87.4	147.4
59	153.4	124.0	184.0

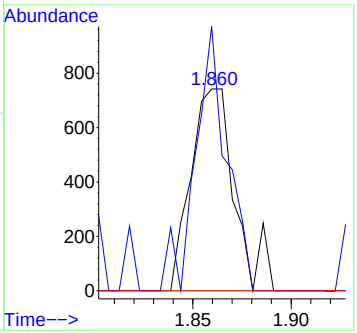


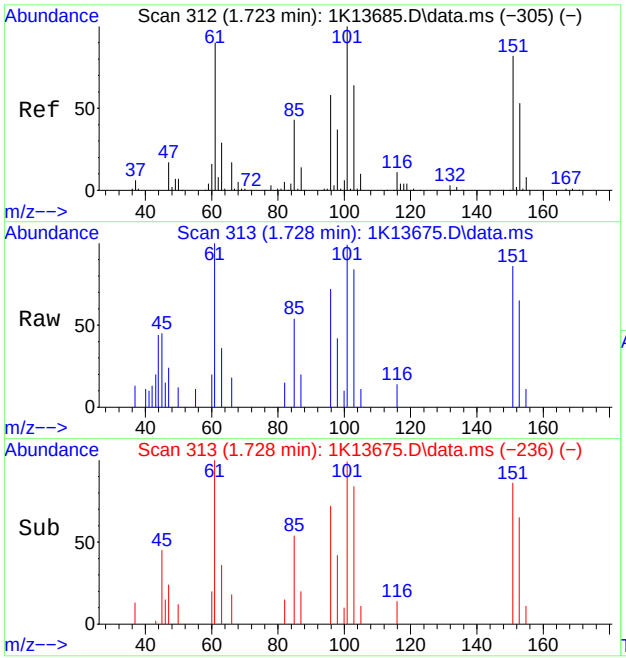


#15
acrolein
Concen: 0.97 ug/L
RT: 1.860 min Scan# 338
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 56 Resp: 1156

Ion	Ratio	Lower	Upper
56	100		
55	131.0	38.3	98.3#
53	0.0	0.0	38.3

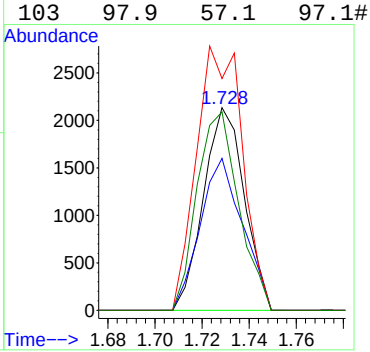


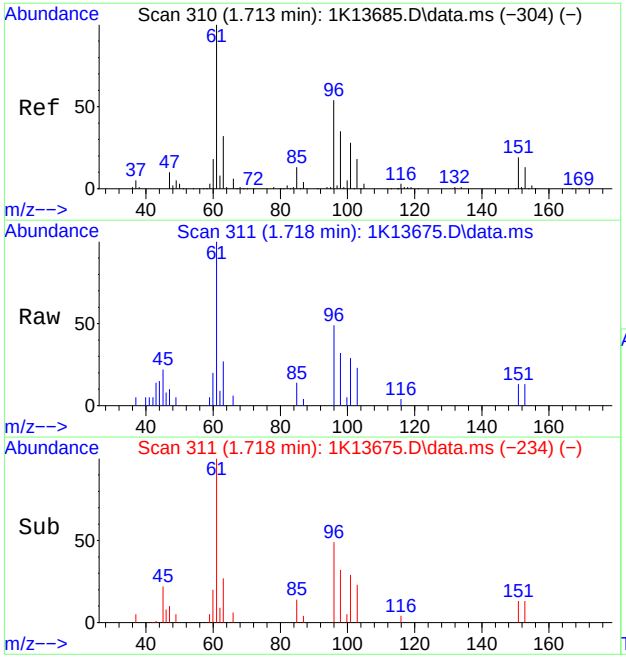


#16
freon 113
Concen: 0.81 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:151 Resp: 2575

Ion	Ratio	Lower	Upper
151	100		
153	75.0	44.1	84.1
101	114.4	101.5	141.5
103	97.9	57.1	97.1#

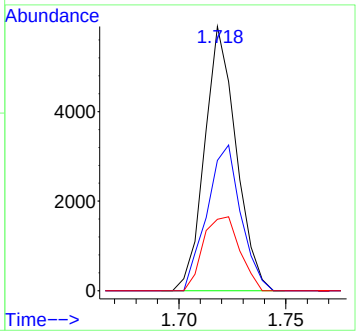


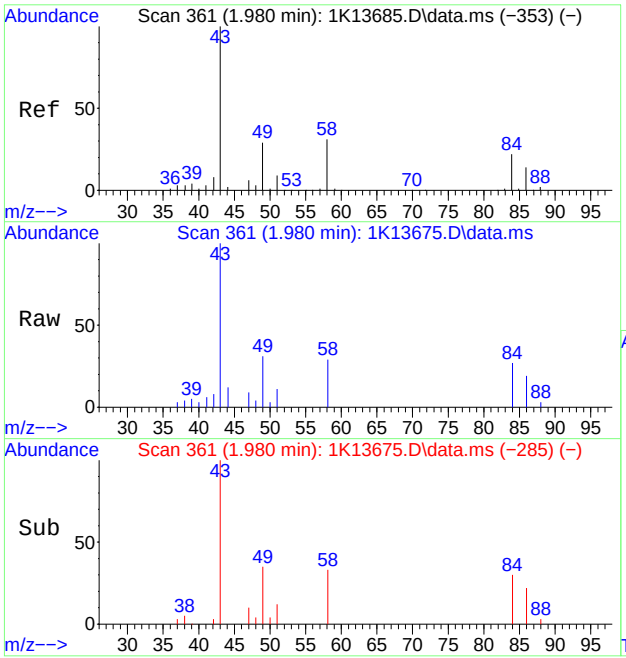


#17
1,1-dichloroethene
Concen: 1.01 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 61 Resp: 6055

Ion	Ratio	Lower	Upper
61	100		
96	49.3	24.4	84.4
63	27.1	2.1	62.1

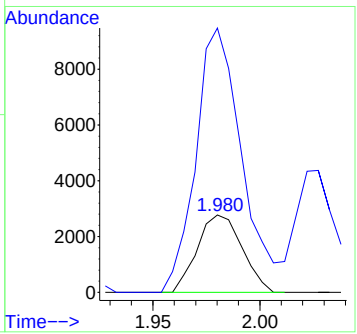


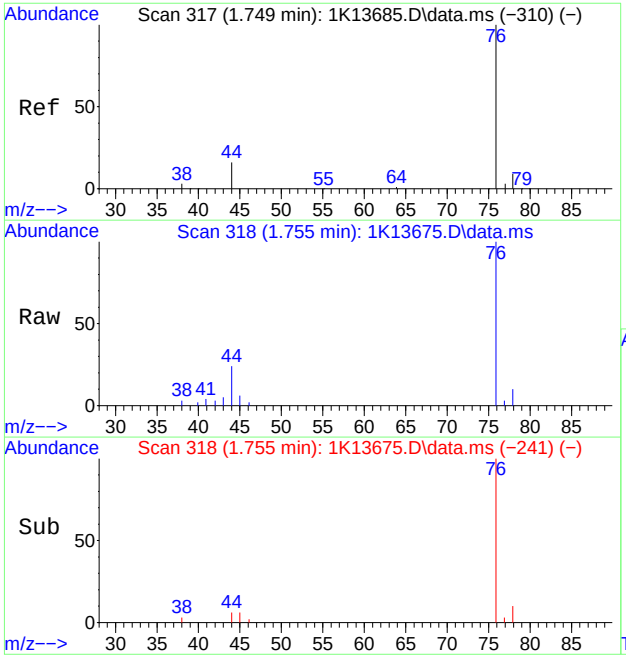


#18
acetone
Concen: 4.18 ug/L
RT: 1.980 min Scan# 361
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 58 Resp: 4042

Ion	Ratio	Lower	Upper
58	100		
43	341.8	295.2	355.2

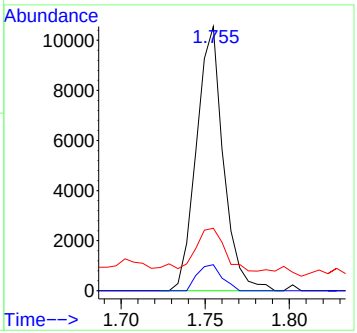


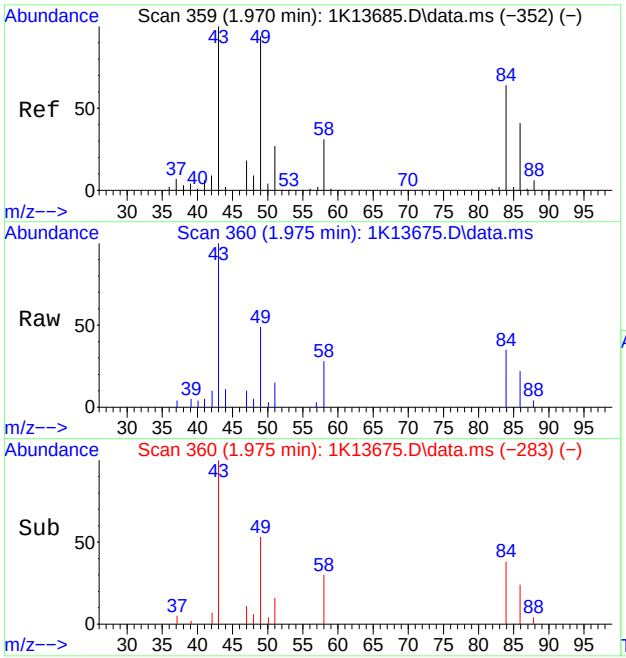


#21
carbon disulfide
Concen: 0.97 ug/L
RT: 1.755 min Scan# 318
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 76 Resp: 11752

Ion	Ratio	Lower	Upper
76	100		
78	9.8	0.0	39.2
44	14.8	0.0	46.4

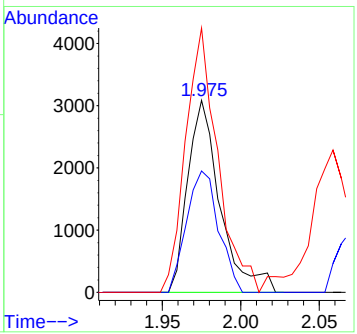


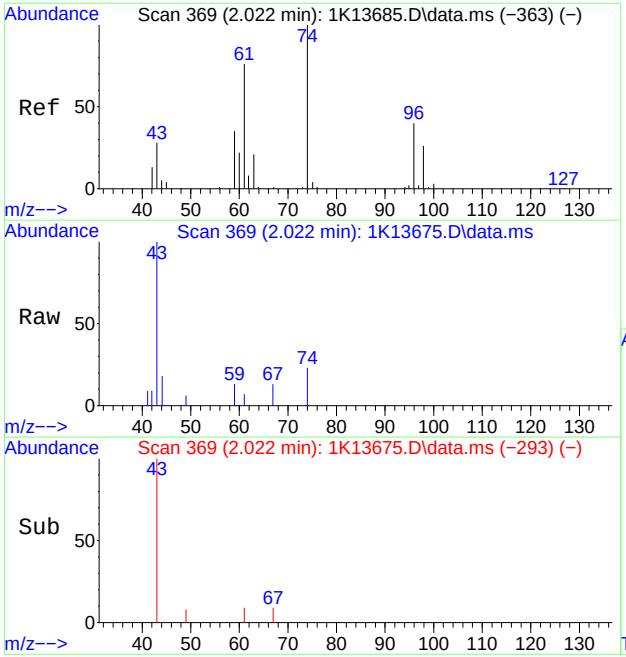


#22
methylene chloride
Concen: 1.00 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 84 Resp: 4445

Ion	Ratio	Lower	Upper
84	100		
86	63.1	33.4	93.4
49	137.7	117.1	177.1

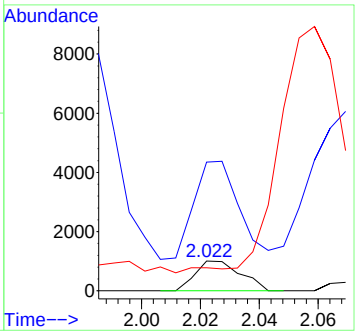


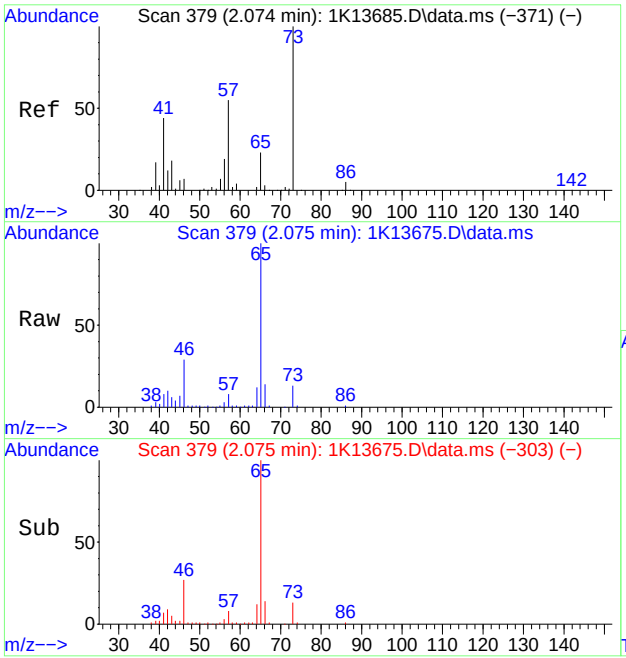


#23
methyl acetate
Concen: 0.96 ug/L
RT: 2.022 min Scan# 369
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 74 Resp: 1084

Ion	Ratio	Lower	Upper
74	100		
43	326.5	397.4	457.4#
44	0.0	0.0	35.1

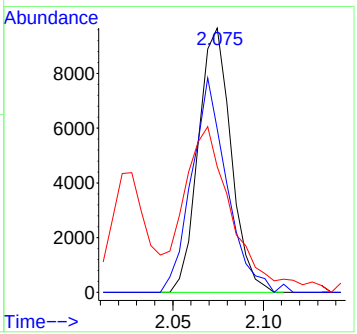


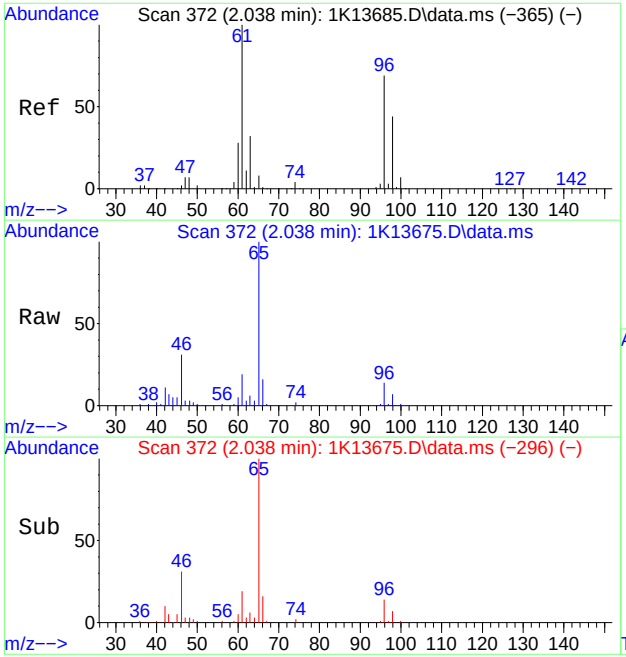


#24
methyl tert butyl ether
Concen: 0.94 ug/L
RT: 2.075 min Scan# 379
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 73 Resp: 12160

Ion	Ratio	Lower	Upper
73	100		
57	61.7	25.1	85.1
43	42.5	12.1	72.1

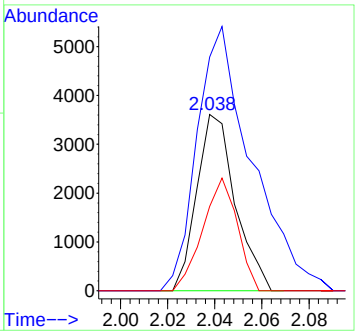


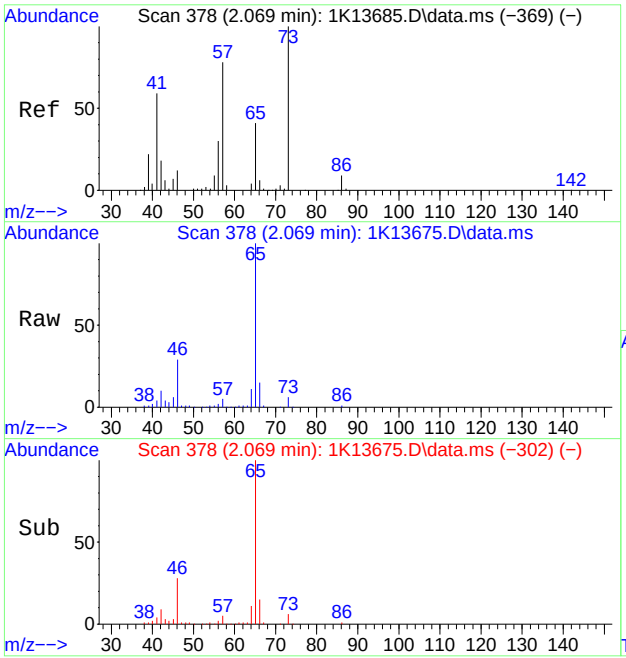


#25
trans-1,2-dichloroethene
Concen: 1.01 ug/L
RT: 2.038 min Scan# 372
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 96 Resp: 4112

Ion	Ratio	Lower	Upper
96	100		
61	132.6	115.9	175.9
98	47.8	34.7	94.7

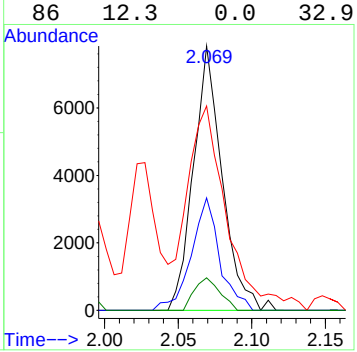


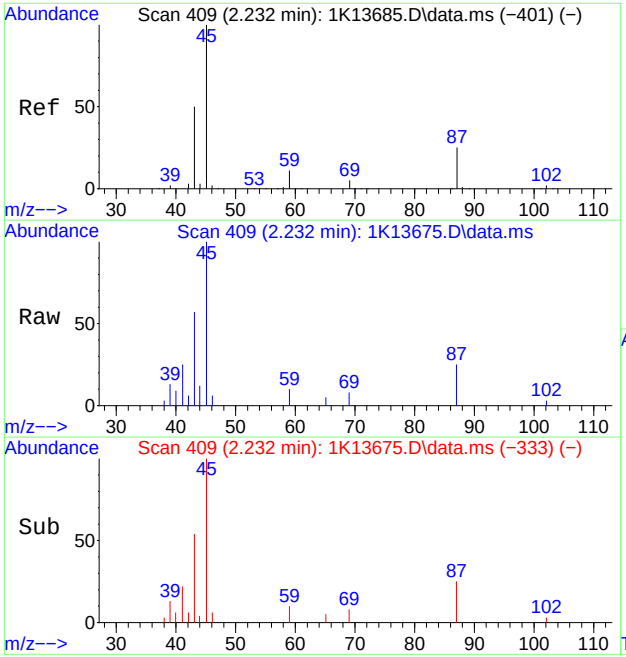


#26
hexane
Concen: 0.93 ug/L
RT: 2.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 57 Resp: 10633

Ion	Ratio	Lower	Upper
57	100		
56	42.5	18.5	58.5
43	73.7	50.7	90.7
86	12.3	0.0	32.9

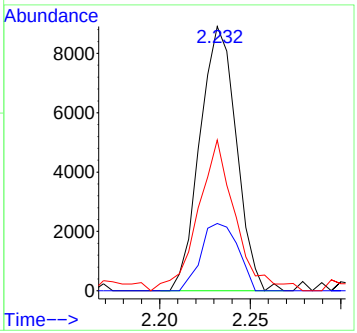


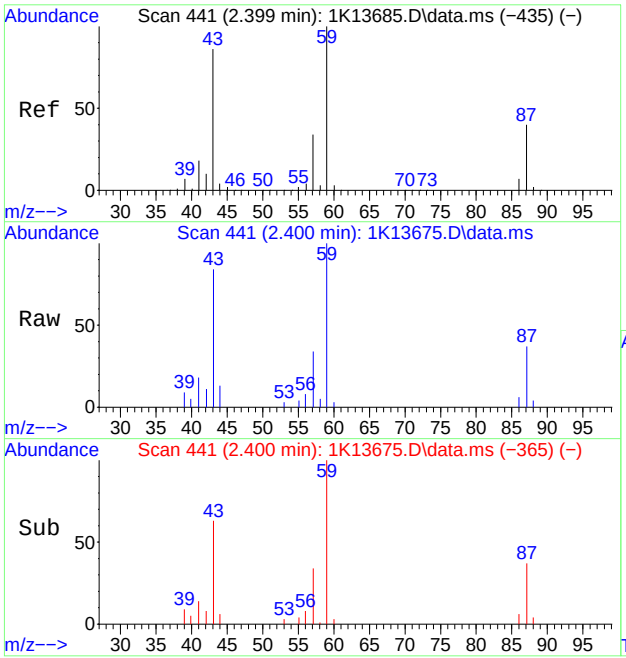


#27
di-isopropyl ether
Concen: 0.90 ug/L
RT: 2.232 min Scan# 409
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 45 Resp: 12466

Ion	Ratio	Lower	Upper
45	100		
87	25.4	0.0	55.4
43	54.5	19.8	79.8

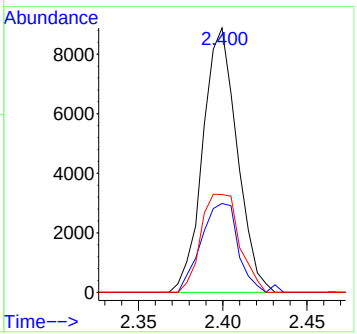


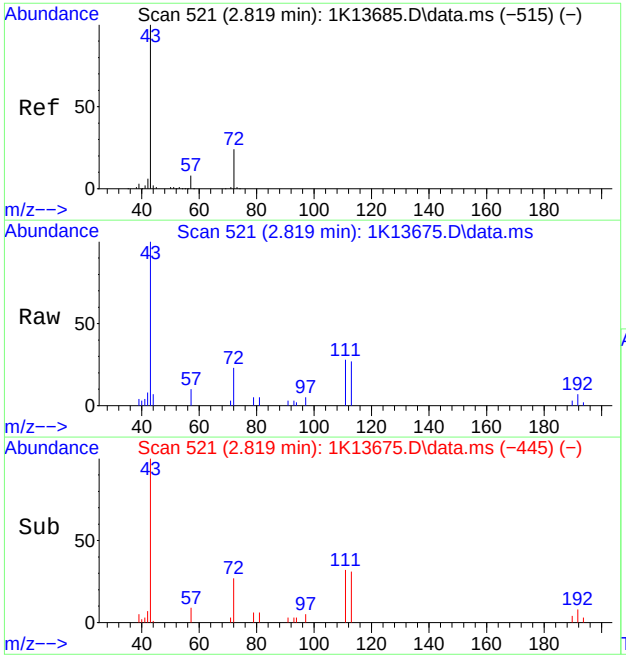


#28
ethyl tert-butyl ether
Concen: 0.88 ug/L
RT: 2.400 min Scan# 441
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 59 Resp: 12617

Ion	Ratio	Lower	Upper
59	100		
57	33.6	3.4	63.4
87	37.0	9.9	69.9

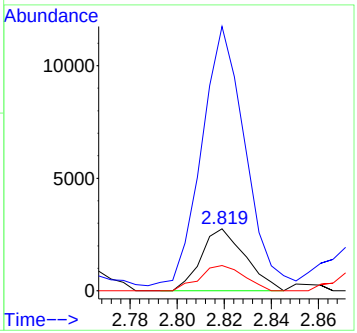


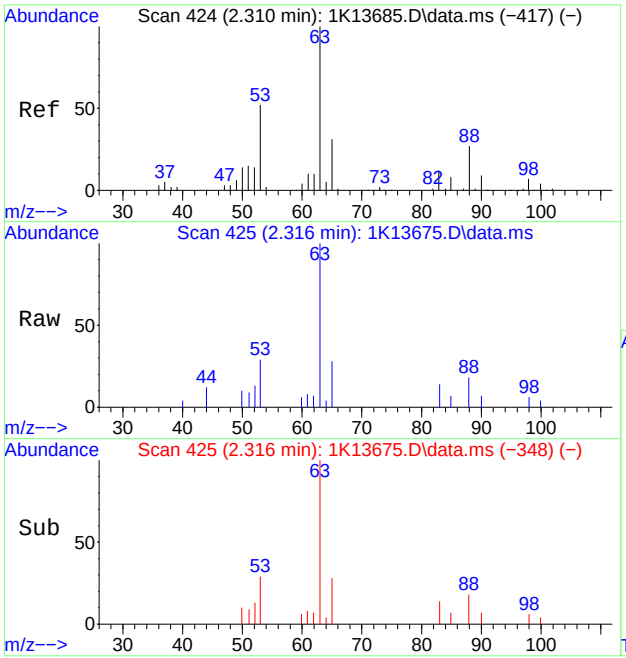


#29
2-butanone
Concen: 3.40 ug/L
RT: 2.819 min Scan# 521
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 72 Resp: 3592

Ion	Ratio	Lower	Upper
72	100		
43	411.9	384.5	444.5
57	40.6	2.9	62.9

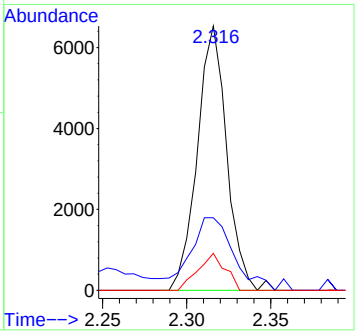


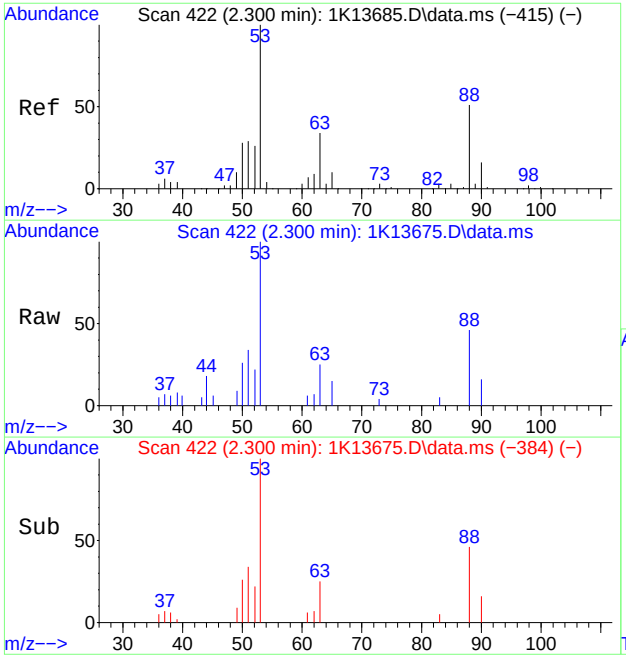


#30
1,1-dichloroethane
Concen: 1.01 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 63 Resp: 7988

Ion	Ratio	Lower	Upper
63	100		
65	23.1	0.6	60.6
83	14.0	0.0	41.8

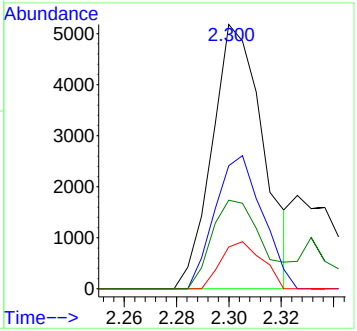


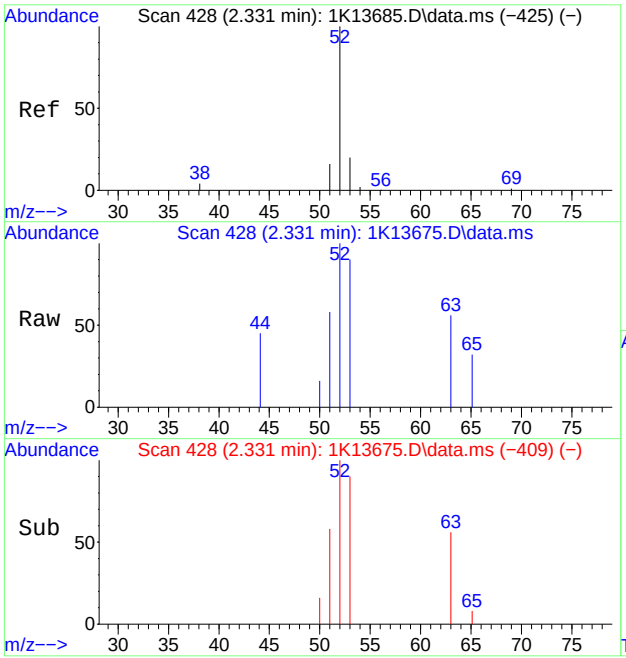


#31
chloroprene
Concen: 0.96 ug/L
RT: 2.300 min Scan# 422
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 53 Resp: 7048

Ion	Ratio	Lower	Upper
53	100		
88	46.5	21.4	81.4
90	15.8	0.0	46.1
51	33.5	0.0	59.4

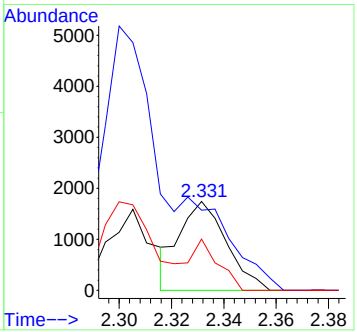


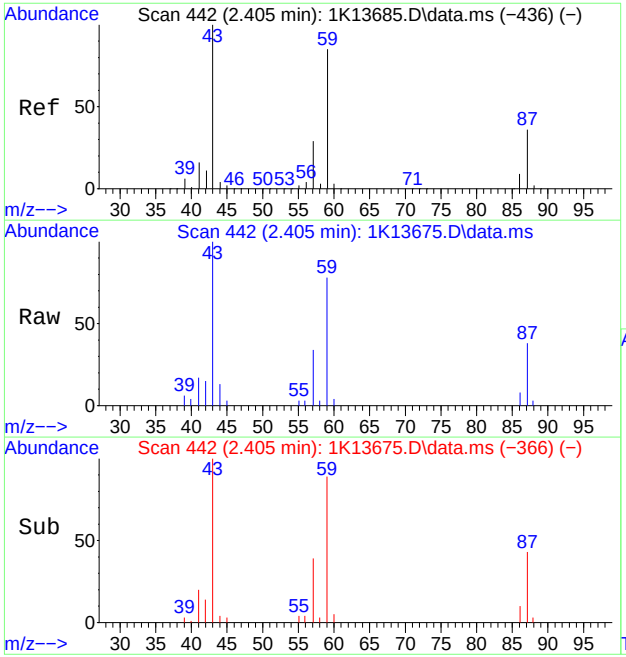


#32
acrylonitrile
Concen: 1.00 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 52 Resp: 2168

Ion	Ratio	Lower	Upper
52	100		
53	90.3	92.8	152.8#
51	57.7	13.6	73.6

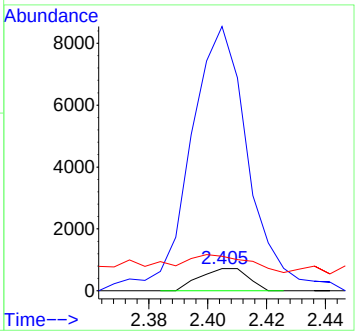


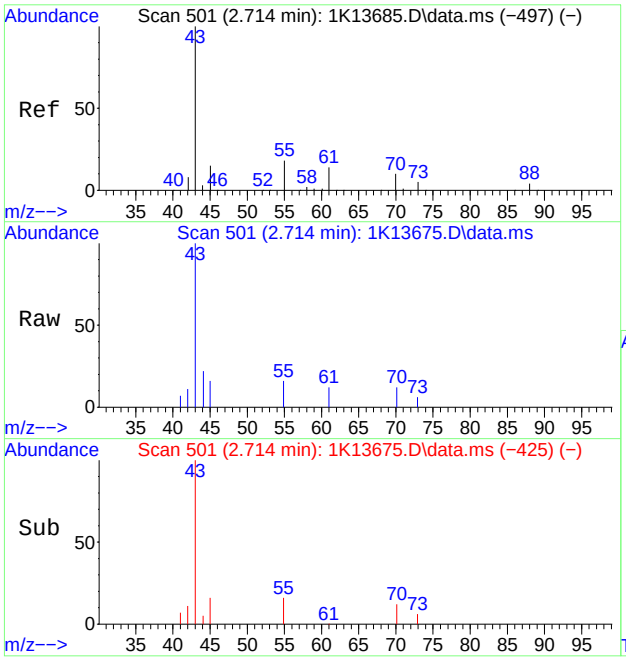


#33
vinyl acetate
Concen: 0.80 ug/L
RT: 2.405 min Scan# 442
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 86 Resp: 826

Ion	Ratio	Lower	Upper
86	100		
43	1101.0	1068.8	1128.8
44	72.0	18.0	78.0

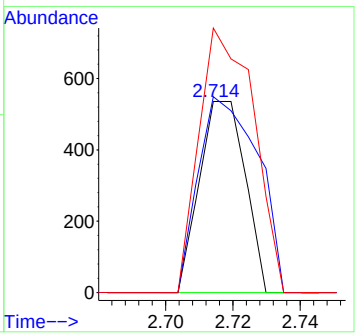


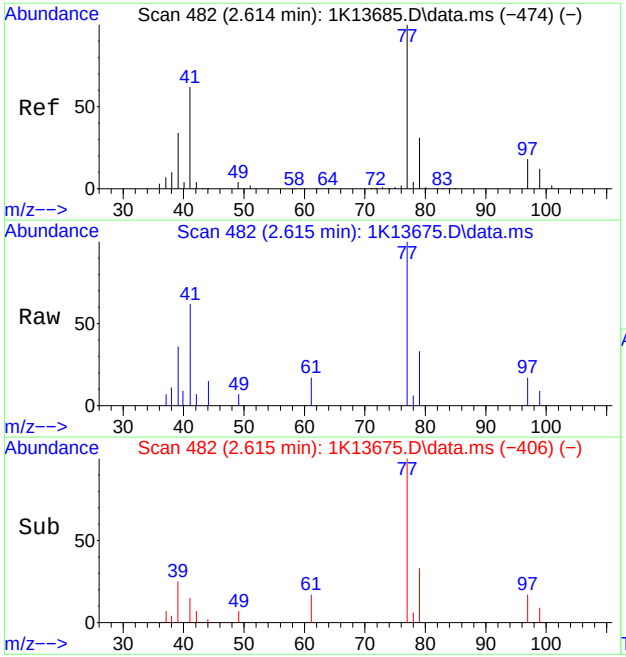


#34
ethyl acetate
Concen: 0.75 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 70 Resp: 508

Ion	Ratio	Lower	Upper
70	100		
61	102.4	104.9	164.9#
45	138.4	117.8	177.8

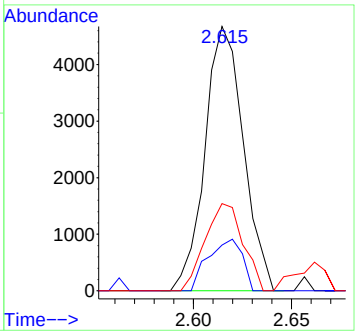


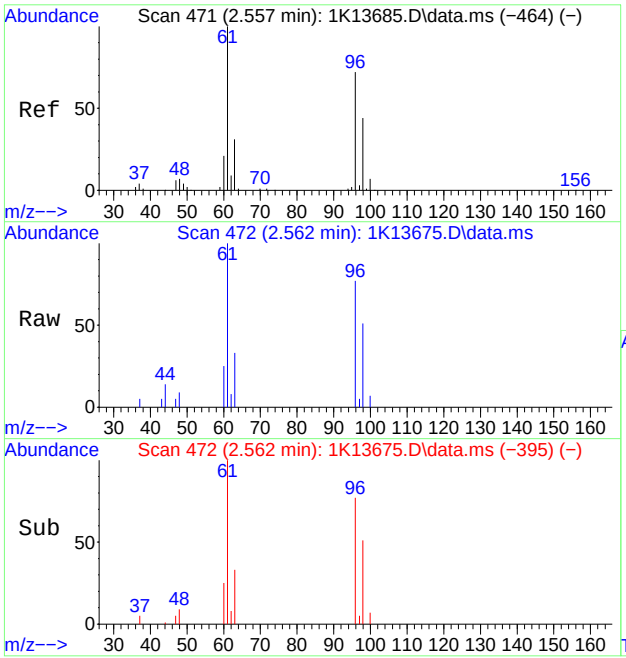


#35
2,2-dichloropropane
Concen: 0.97 ug/L
RT: 2.615 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 77 Resp: 6375

Ion	Ratio	Lower	Upper
77	100		
97	17.3	0.0	48.7
79	33.0	0.9	60.9

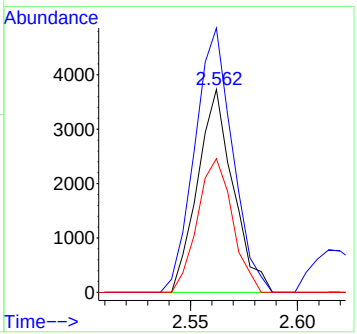


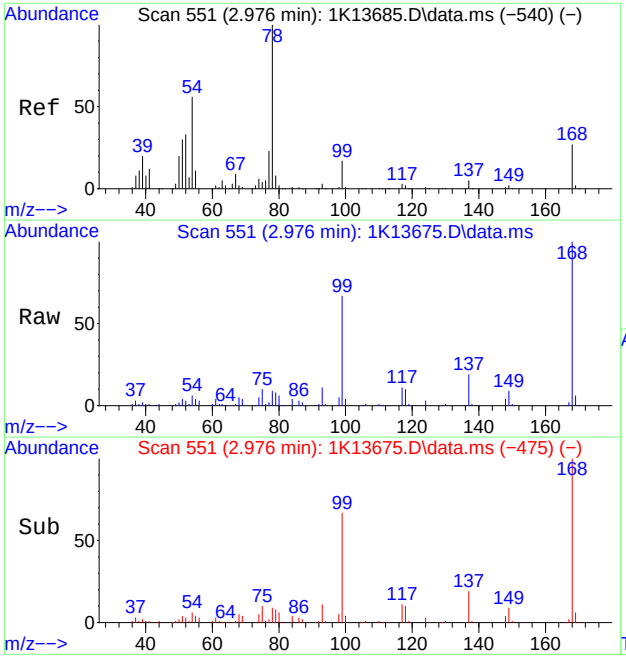


#36
cis-1,2-dichloroethene
Concen: 0.91 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 96 Resp: 4319

Ion	Ratio	Lower	Upper
96	100		
61	130.3	108.4	168.4
98	65.9	31.4	91.4

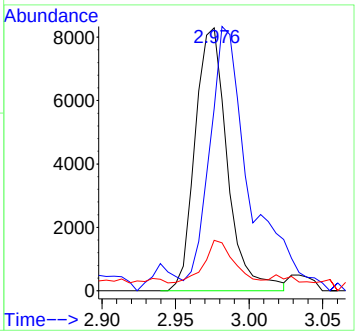


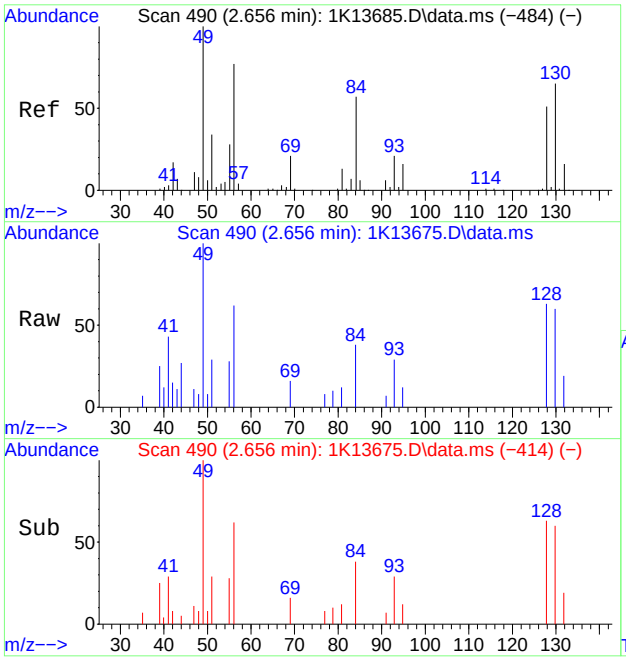


#37
propionitrile
Concen: 9.31 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 54 Resp: 12635

Ion	Ratio	Lower	Upper
54	100		
55	58.8	0.0	48.9#
40	14.8	0.0	45.0

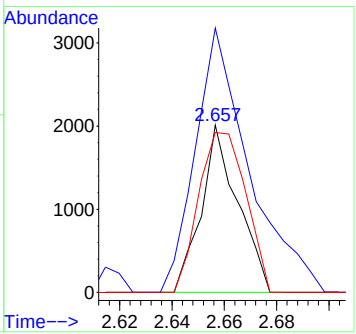


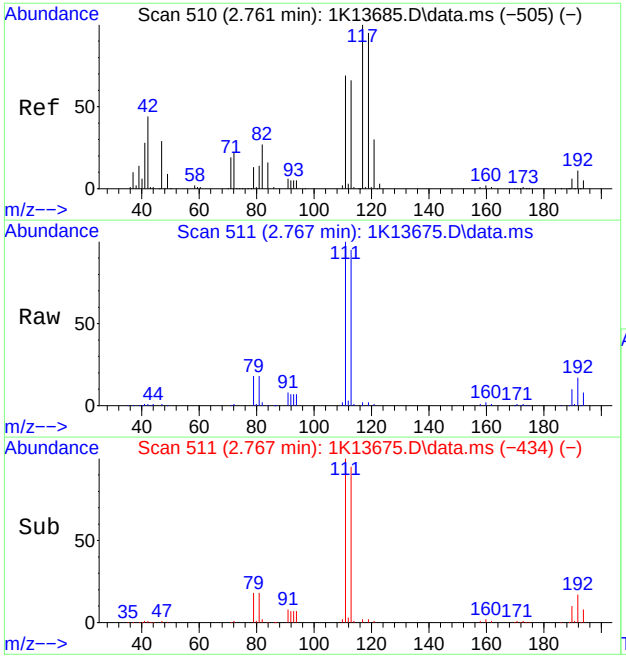


#39
bromochloromethane
Concen: 0.96 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:128 Resp: 1962

Ion	Ratio	Lower	Upper
128	100		
49	157.9	166.7	226.7#
130	95.4	97.3	157.3#

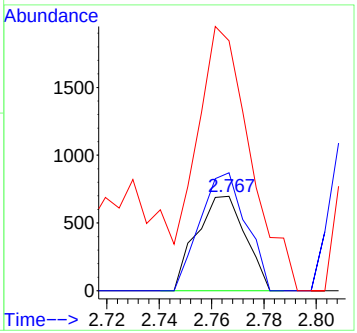


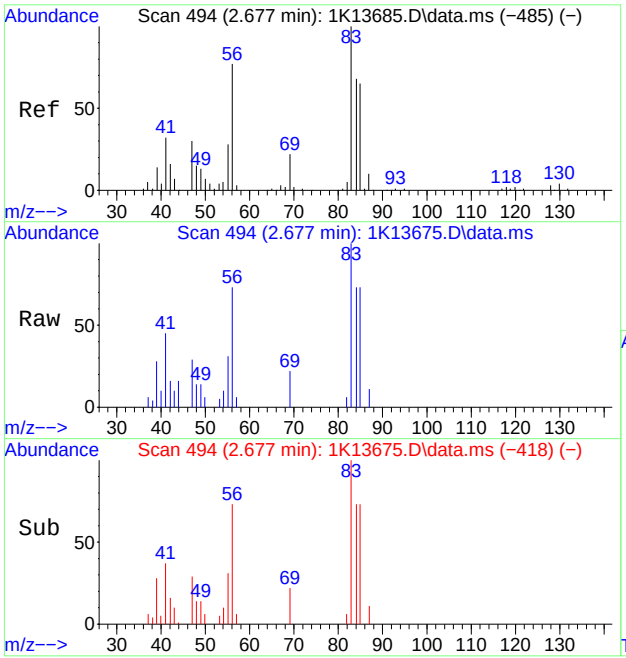


#40
tetrahydrofuran
Concen: 0.96 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 71 Resp: 907

Ion	Ratio	Lower	Upper
71	100		
72	125.1	87.2	147.2
42	209.2	242.1	302.1#

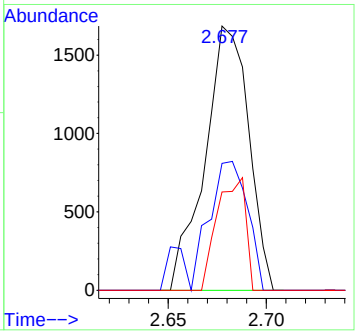




#41
chloroform
Concen: 0.94 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

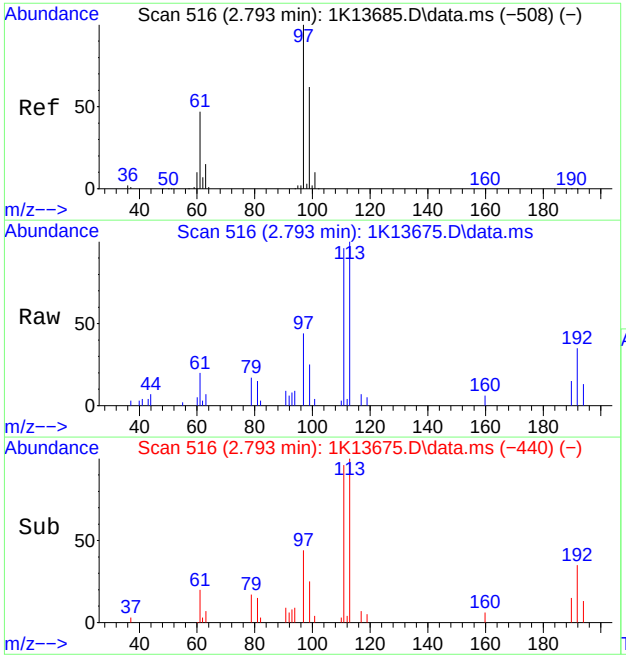
Tgt Ion: 47 Resp: 2623

Ion	Ratio	Lower	Upper
47	100		
48	48.0	19.0	79.0
87	37.2	3.4	63.4



7.6.16

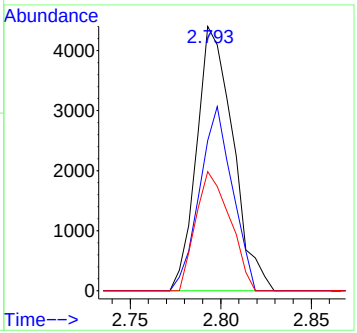
7

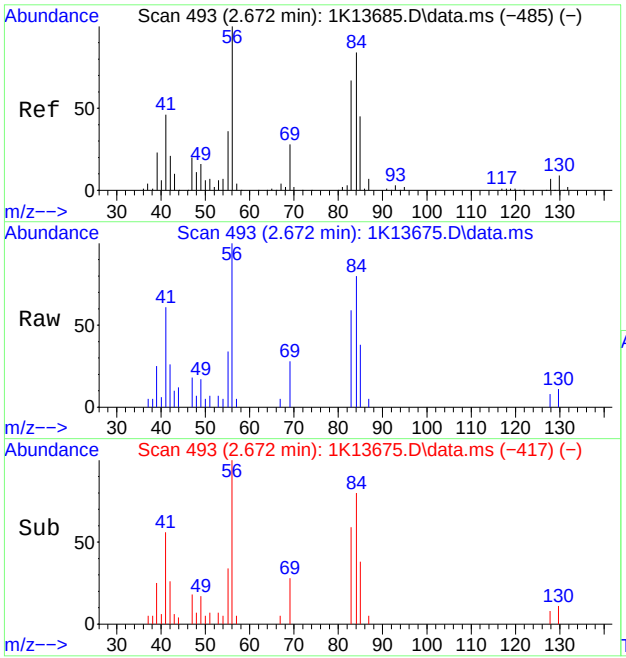


#44
1,1,1-trichloroethane
Concen: 0.92 ug/L
RT: 2.793 min Scan# 516
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 97 Resp: 6135

Ion	Ratio	Lower	Upper
97	100		
99	56.8	32.2	92.2
61	45.1	17.7	77.7

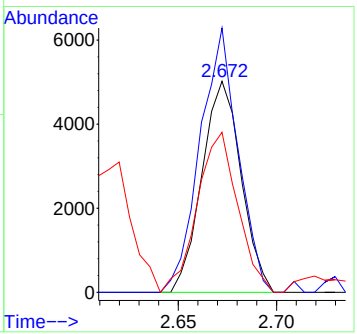


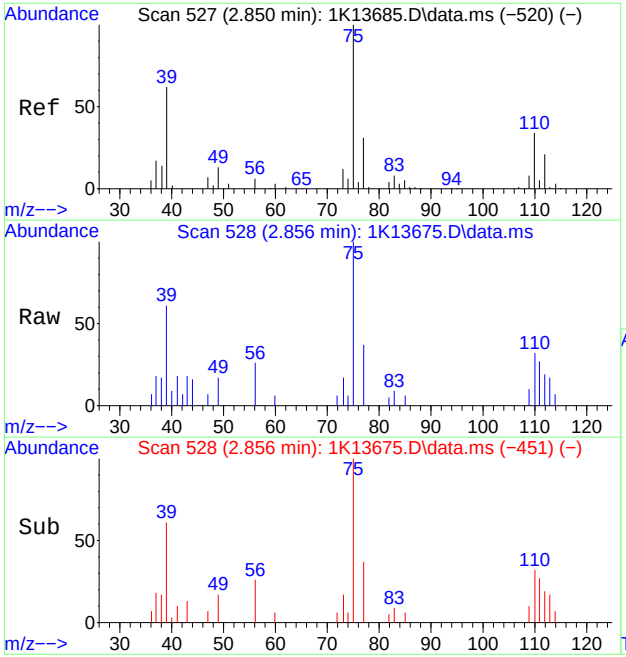


#45
cyclohexane
Concen: 0.99 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 84 Resp: 6983

Ion	Ratio	Lower	Upper
84	100		
56	125.3	98.6	138.6
41	75.9	43.8	83.8

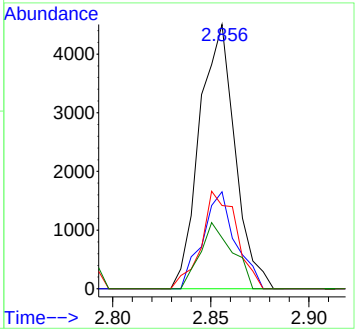


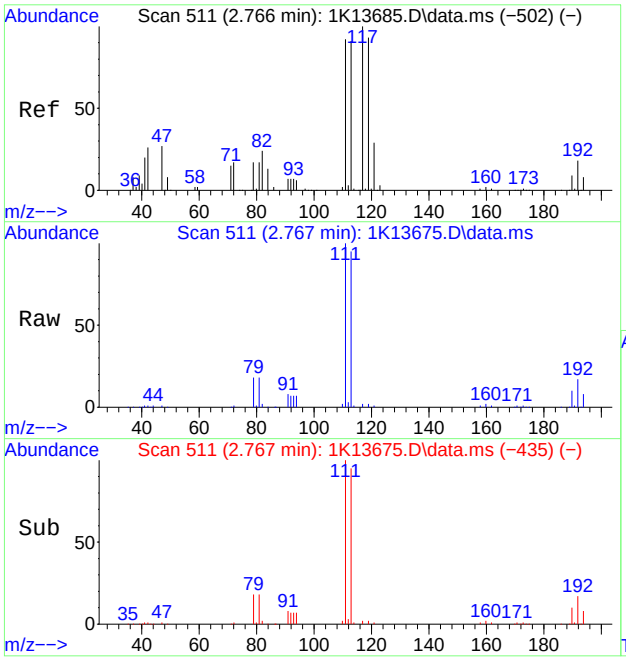


#46
1,1-dichloropropene
Concen: 0.99 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 75 Resp: 5679

Ion	Ratio	Lower	Upper
75	100		
77	36.7	11.3	51.3
110	31.6	14.2	54.2
112	19.3	1.3	41.3

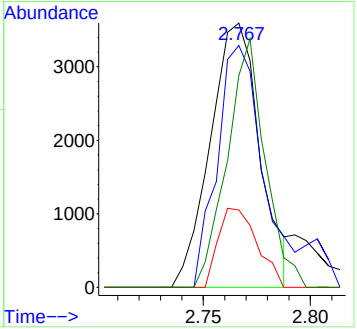


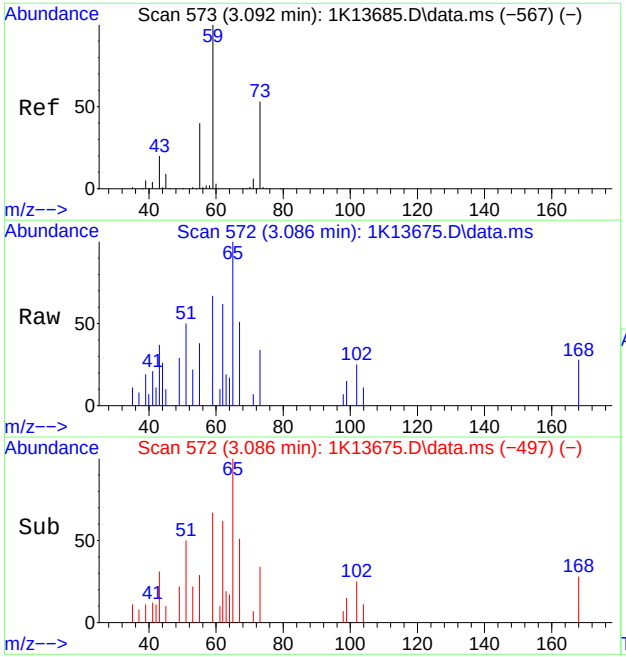


#47
carbon tetrachloride
Concen: 0.93 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:117 Resp: 5817

Ion	Ratio	Lower	Upper
117	100		
119	91.5	73.1	113.1
121	29.2	9.4	49.4
82	80.1	4.4	44.4#

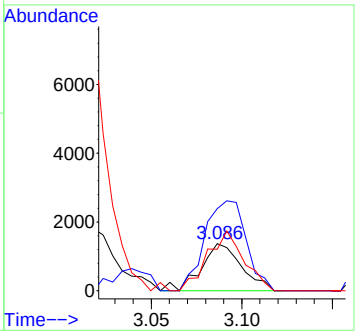


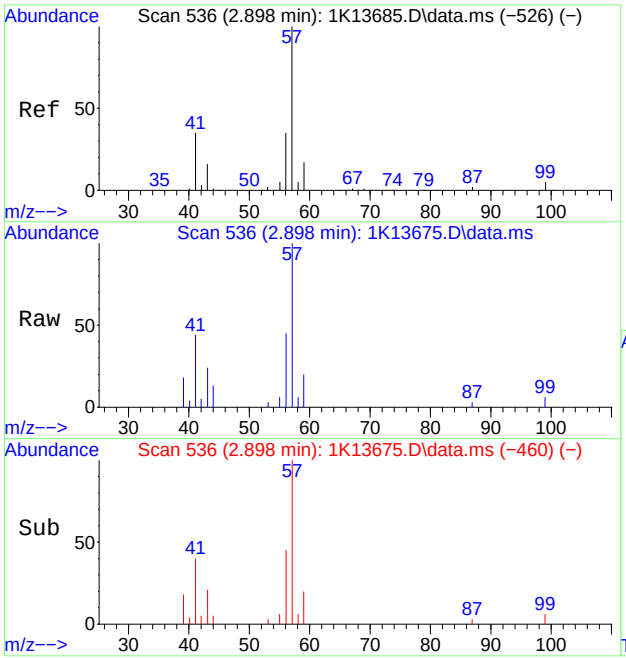


#49
tert-amyl alcohol
Concen: 4.53 ug/L
RT: 3.086 min Scan# 572
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 55 Resp: 2139

Ion	Ratio	Lower	Upper
55	100		
59	174.4	218.8	258.8#
73	88.1	115.9	155.9#

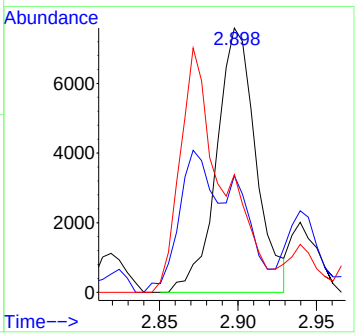


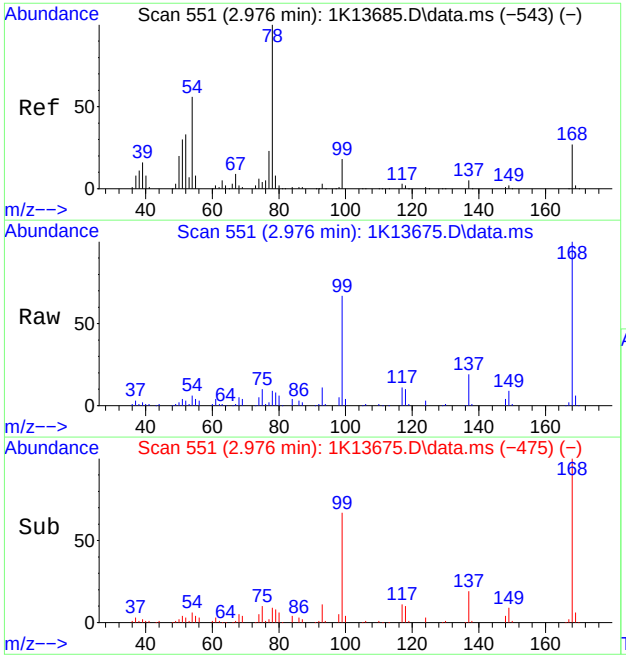


#52
iso-octane
Concen: 0.96 ug/L
RT: 2.898 min Scan# 536
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 57 Resp: 13230

Ion	Ratio	Lower	Upper
57	100		
41	40.7	14.8	54.8
56	40.6	15.3	55.3

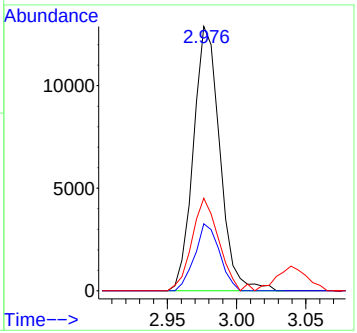


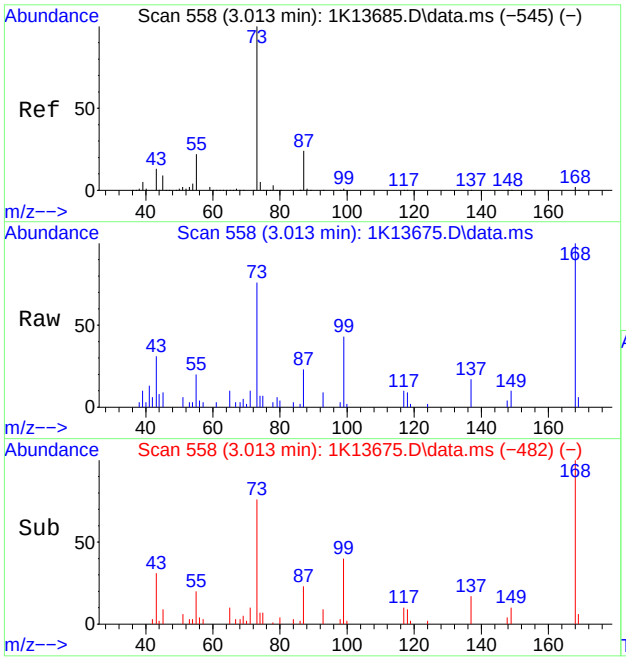


#53
benzene
Concen: 0.96 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 78 Resp: 17106

Ion	Ratio	Lower	Upper
78	100		
77	25.4	0.0	53.3
52	35.0	3.5	63.5

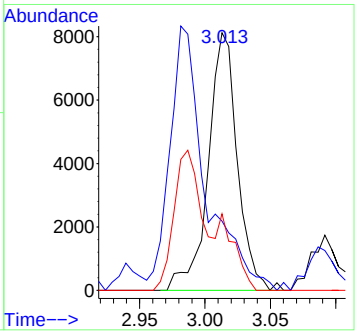


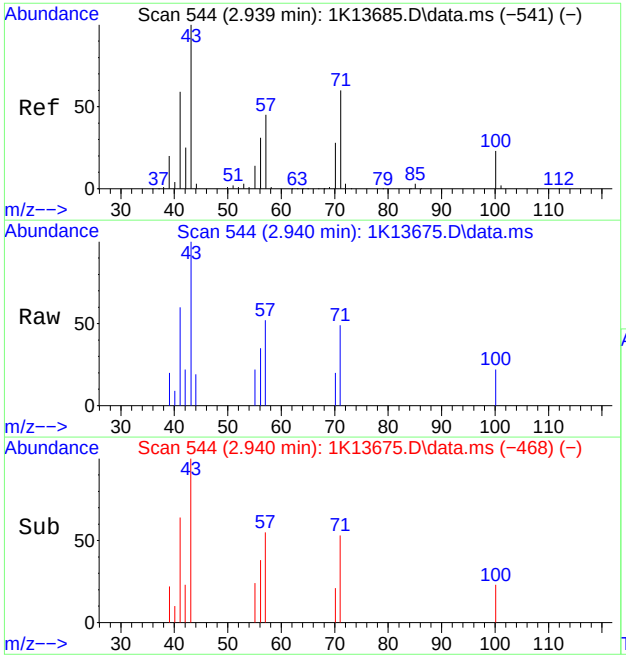


#54
tert-amyl methyl ether
Concen: 0.90 ug/L
RT: 3.013 min Scan# 558
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 73 Resp: 12641

Ion	Ratio	Lower	Upper
73	100		
55	23.8	5.1	45.1
87	29.8	4.2	44.2

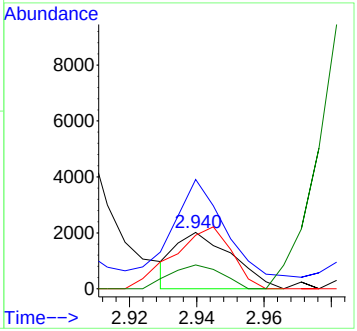


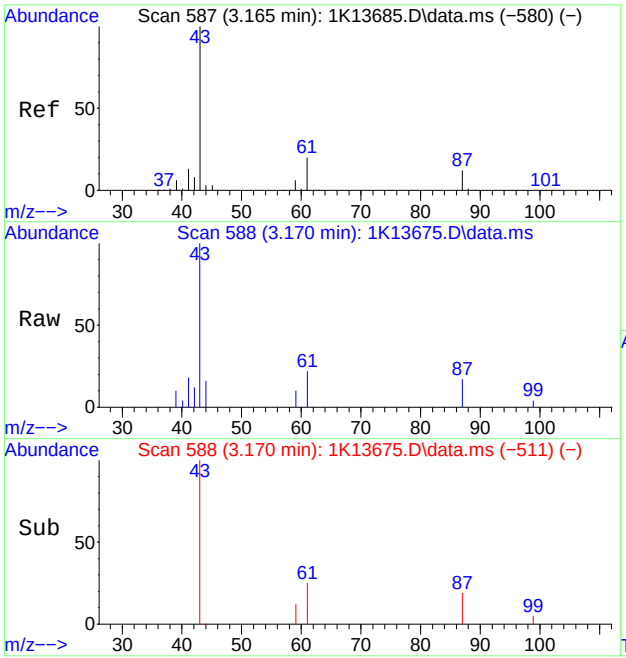


#55
heptane
Concen: 0.83 ug/L
RT: 2.940 min Scan# 544
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 57 Resp: 2352

Ion	Ratio	Lower	Upper
57	100		
43	170.7	140.0	200.0
71	95.0	67.3	127.3
100	24.6	0.3	60.3

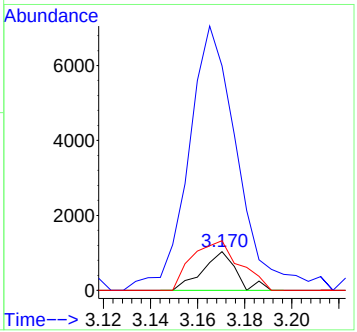


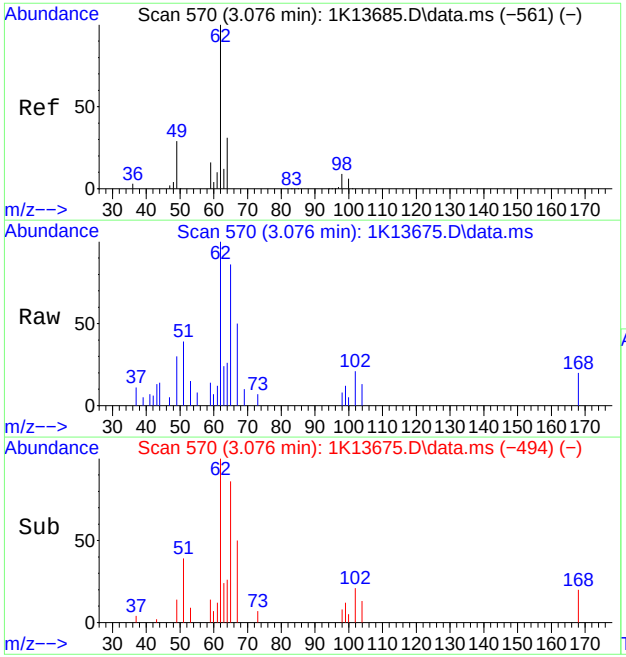


#56
isopropyl acetate
Concen: 0.76 ug/L
RT: 3.170 min Scan# 588
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 87 Resp: 1031

Ion	Ratio	Lower	Upper
87	100		
43	547.0	799.2	859.2#
61	128.6	137.1	197.1#

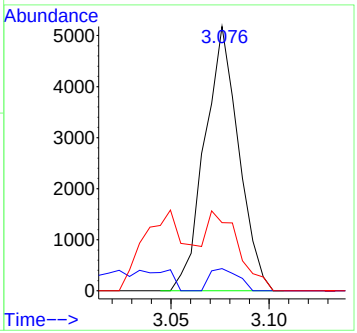


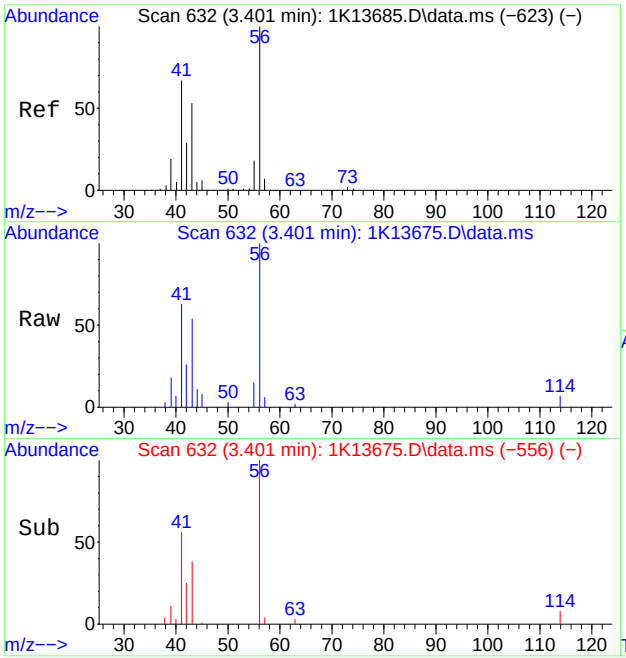


#57
1,2-dichloroethane
Concen: 0.91 ug/L
RT: 3.076 min Scan# 570
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 62 Resp: 6243

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	39.5
64	25.8	1.1	61.1

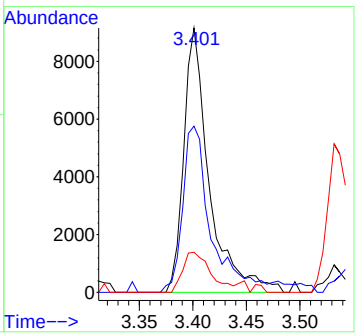


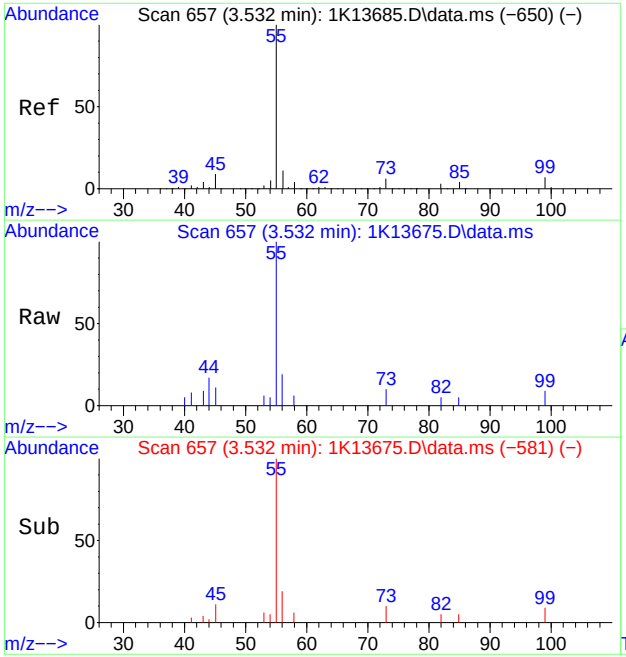


#58
n-butyl alcohol
Concen: 43.46 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 56 Resp: 15185

Ion	Ratio	Lower	Upper
56	100		
41	62.9	46.6	86.6
55	15.2	0.0	37.9

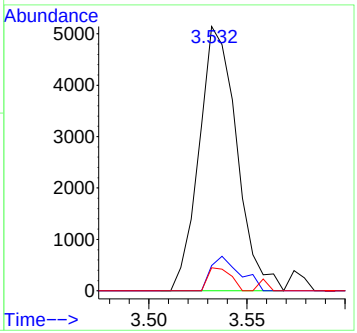


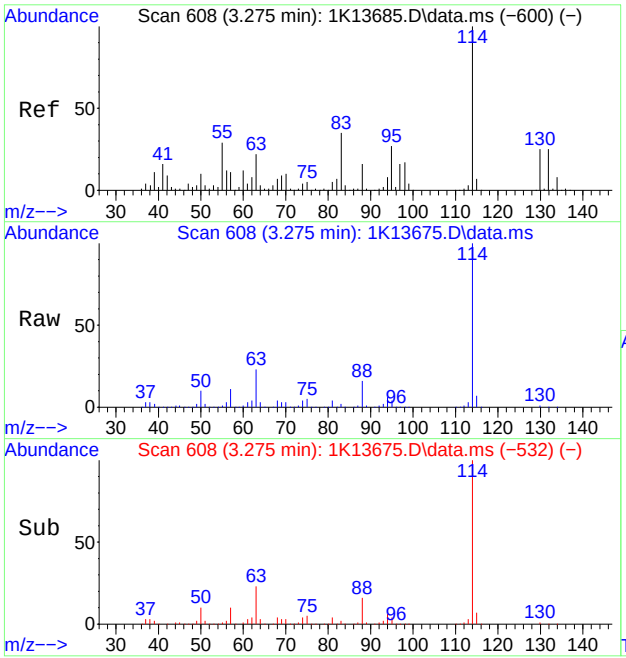


#59
ethyl acrylate
Concen: 0.87 ug/L
RT: 3.532 min Scan# 657
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 55 Resp: 6878

Ion	Ratio	Lower	Upper
55	100		
73	9.6	0.0	36.5
99	8.7	0.0	37.0

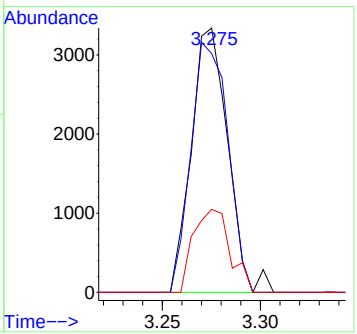


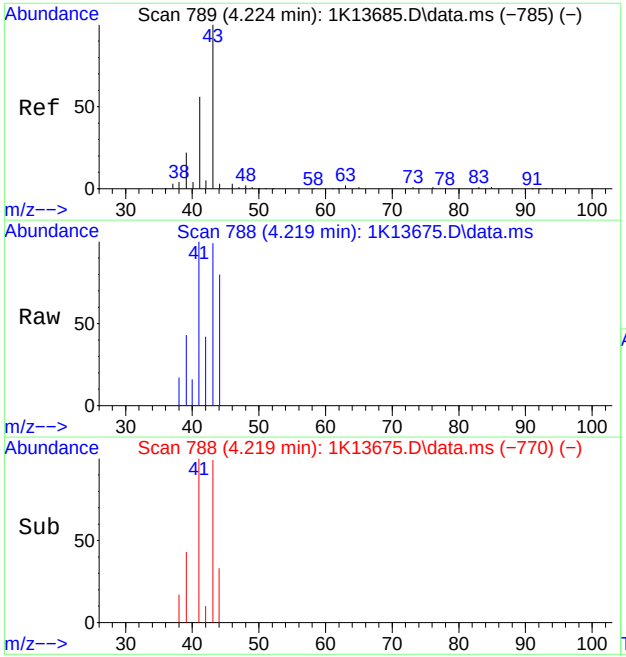


#60
trichloroethene
Concen: 1.00 ug/L
RT: 3.275 min Scan# 608
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:130 Resp: 4323

Ion	Ratio	Lower	Upper
130	100		
132	90.3	70.3	130.3
134	31.4	2.0	62.0

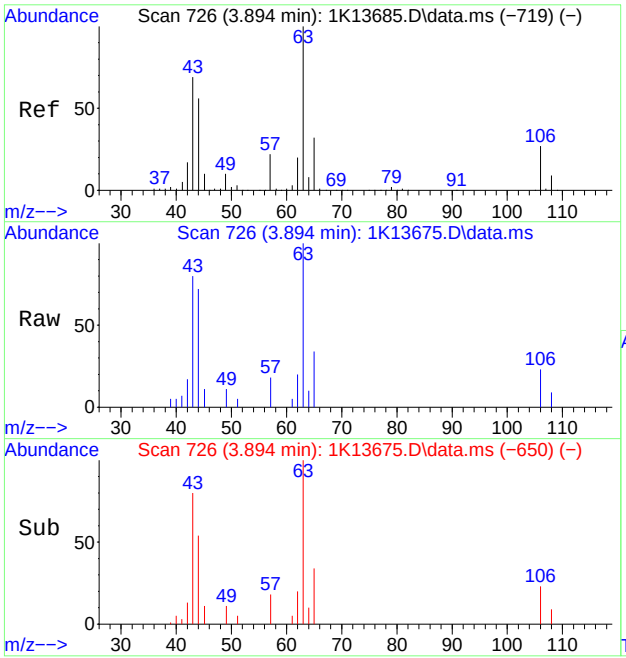




#61
2-nitropropane
Concen: 1.04 ug/L
RT: 4.219 min Scan# 788
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 41 Resp: 2493

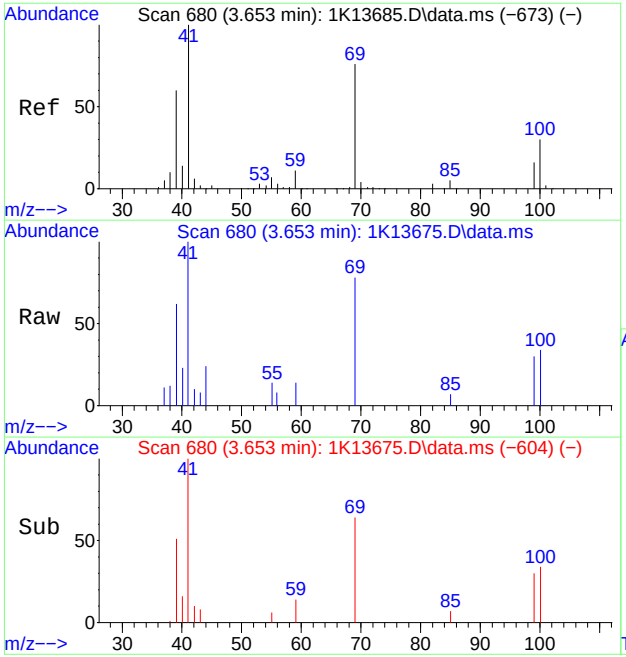
Ion	Ratio	Lower	Upper
41	100		
43	70.8	127.6	187.6#
39	43.3	8.5	68.5
46	0.0	0.0	36.6



#62
2-chloroethyl vinyl ether
Concen: 2.83 ug/L
RT: 3.894 min Scan# 726
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 63 Resp: 7148

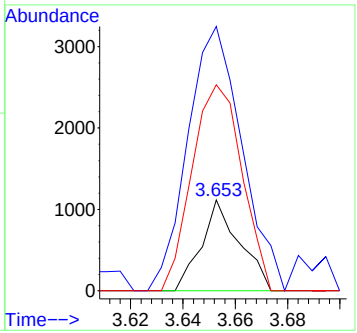
Ion	Ratio	Lower	Upper
63	100		
65	34.0	1.9	61.9
106	22.9	0.0	57.3

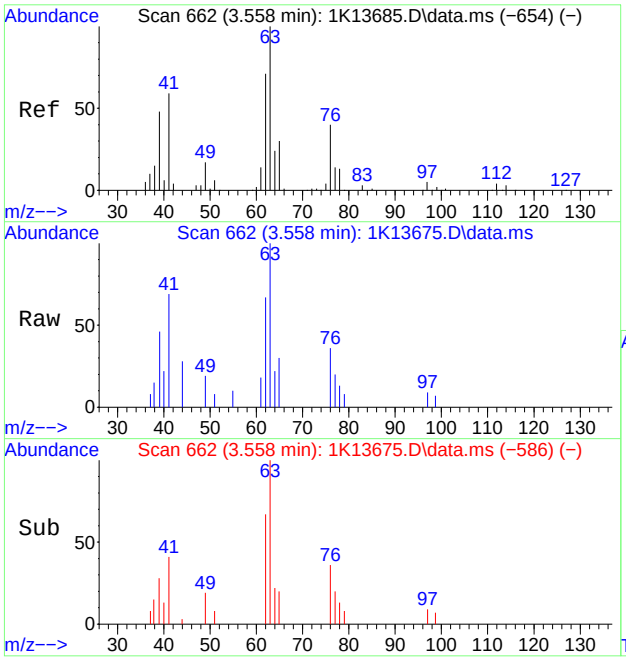


#63
methyl methacrylate
Concen: 0.75 ug/L
RT: 3.653 min Scan# 680
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:100 Resp: 1136

Ion	Ratio	Lower	Upper
100	100		
41	290.6	304.0	364.0#
69	226.3	224.1	284.1

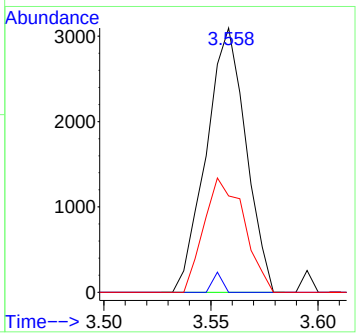


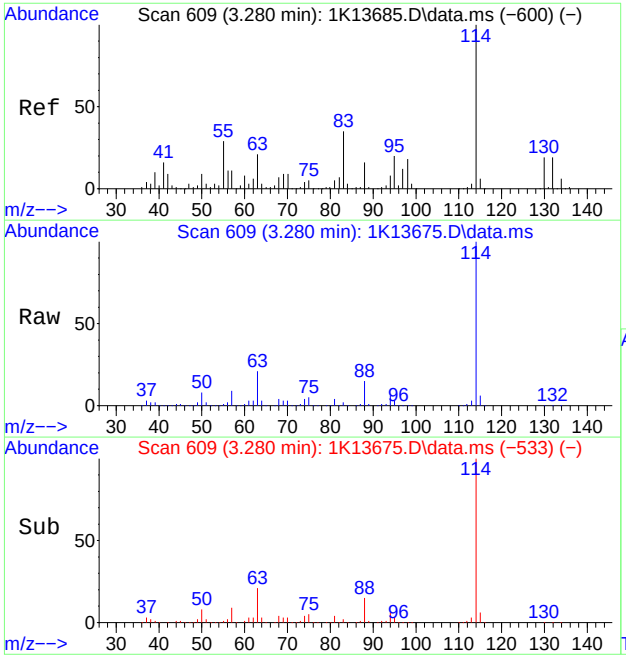


#64
1,2-dichloropropane
Concen: 0.87 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 63 Resp: 3995

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	34.4
76	36.5	10.3	70.3

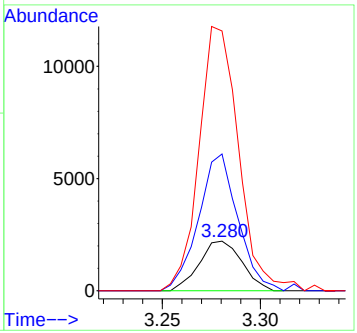


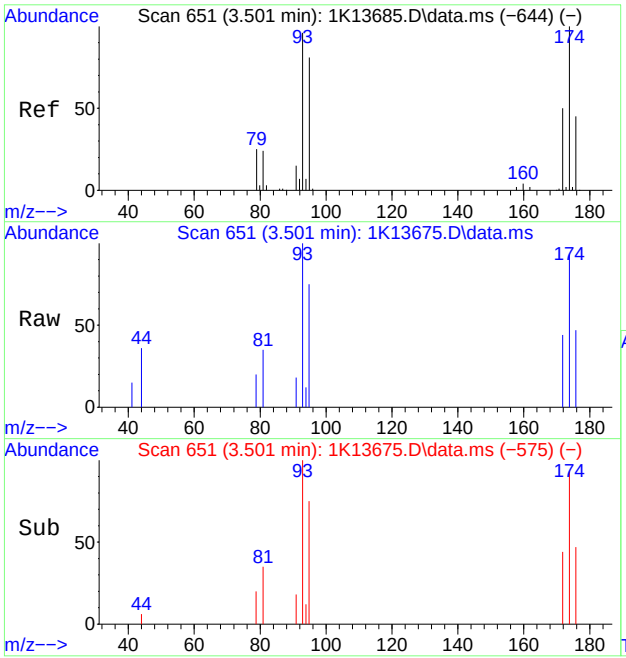


#65
methylcyclohexane
Concen: 0.99 ug/L
RT: 3.280 min Scan# 609
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 98 Resp: 3369

Ion	Ratio	Lower	Upper
98	100		
55	275.9	130.3	190.3#
83	524.0	194.3	194.3#

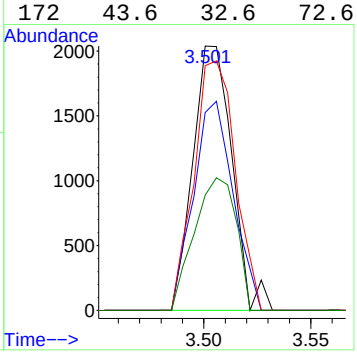


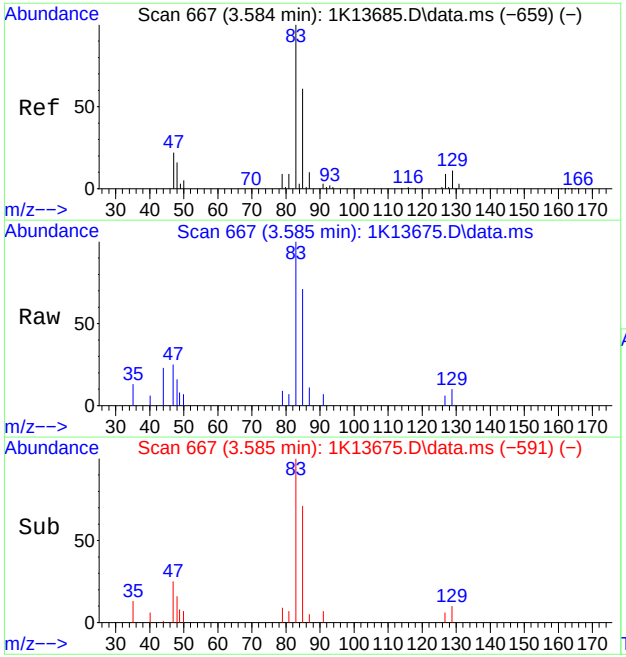


#66
dibromomethane
Concen: 0.97 ug/L
RT: 3.501 min Scan# 651
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 93 Resp: 2591

Ion	Ratio	Lower	Upper
93	100		
95	74.8	54.7	114.7
174	92.5	74.1	134.1
172	43.6	32.6	72.6

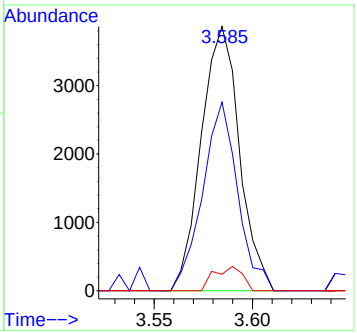


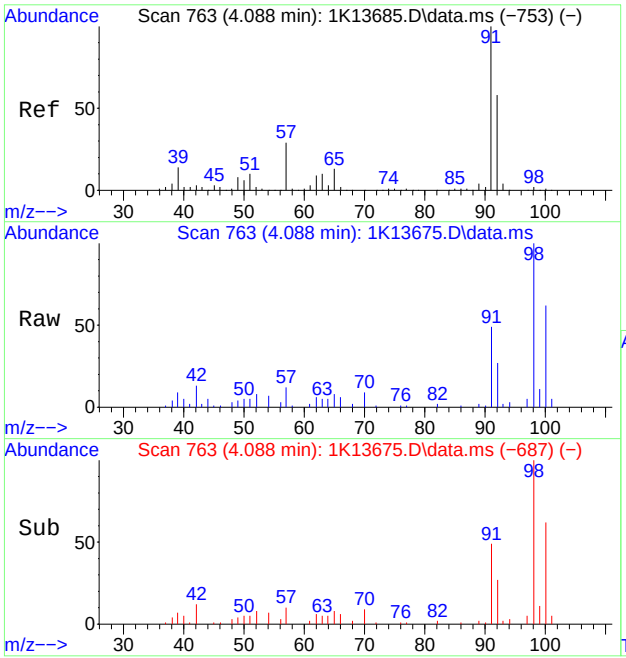


#67
bromodichloromethane
Concen: 0.91 ug/L
RT: 3.585 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 83 Resp: 5245

Ion	Ratio	Lower	Upper
83	100		
85	71.4	35.1	95.1
127	6.3	0.0	39.1

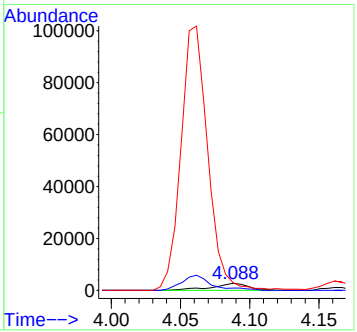


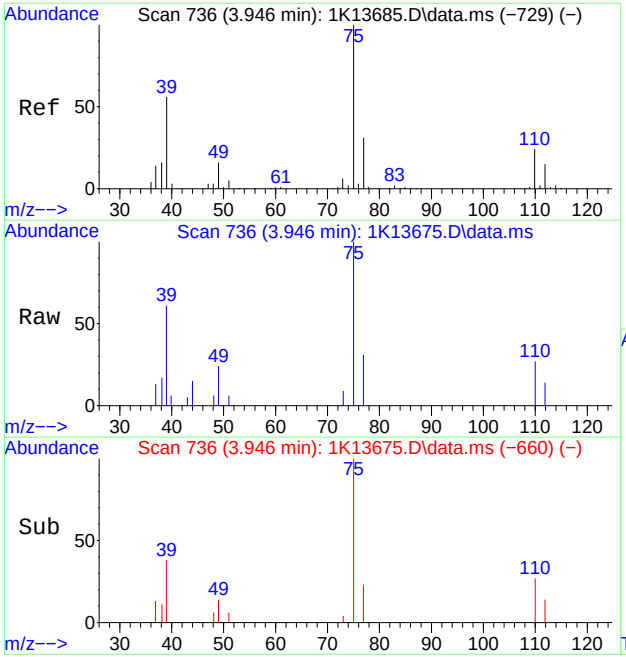


#68
epichlorohydrin
Concen: 5.77 ug/L
RT: 4.088 min Scan# 763
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 57 Resp: 5082

Ion	Ratio	Lower	Upper
57	100		
49	31.7	6.2	46.2
42	92.2	0.0	29.7#

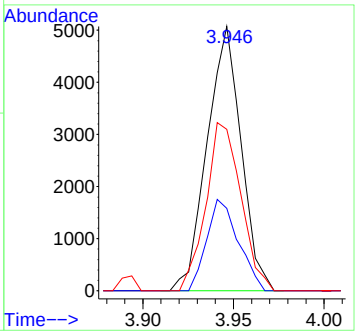


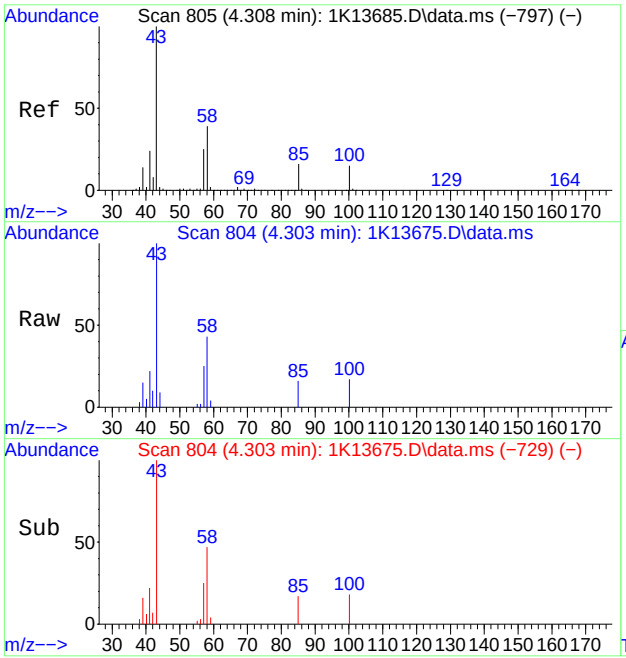


#69
cis-1,3-dichloropropene
Concen: 1.00 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 75 Resp: 6606

Ion	Ratio	Lower	Upper
75	100		
77	31.2	1.6	61.6
39	61.1	26.9	86.9

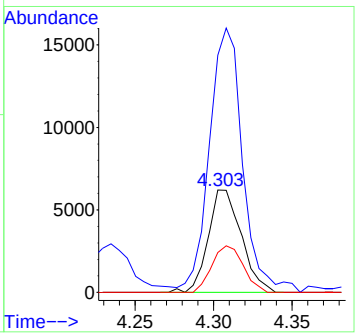


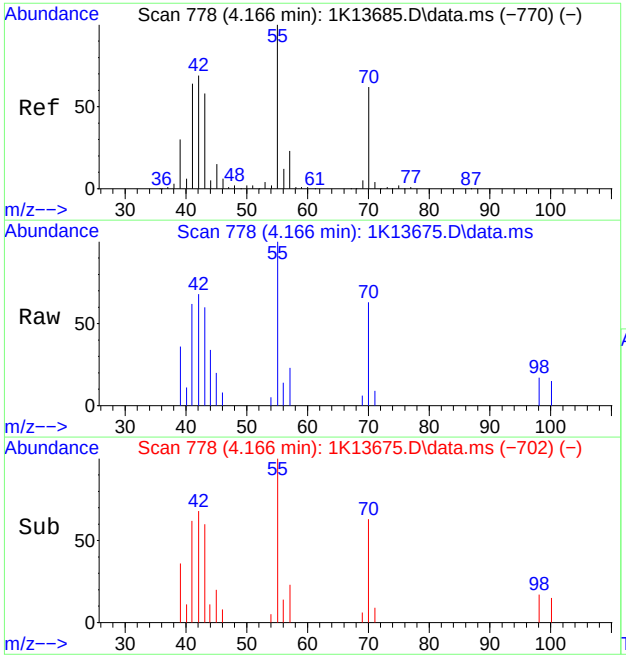


#70
4-methyl-2-pentanone
Concen: 3.57 ug/L
RT: 4.303 min Scan# 804
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 58 Resp: 9117

Ion	Ratio	Lower	Upper
58	100		
43	225.7	226.7	286.7#
100	38.8	8.1	68.1

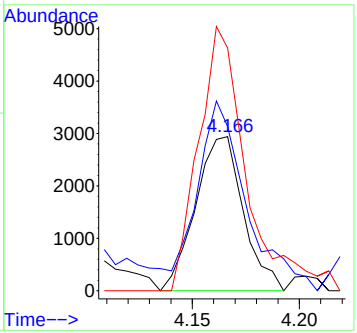


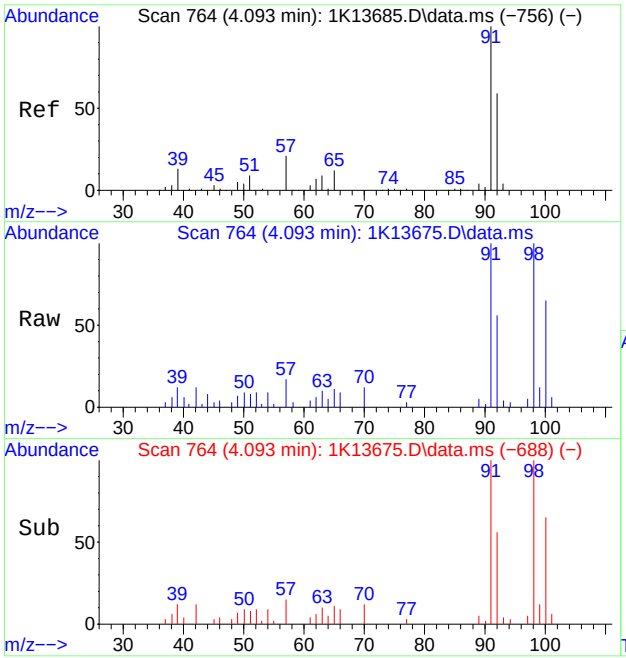


#71
3-methyl-1-butanol
Concen: 15.72 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 70 Resp: 4562

Ion	Ratio	Lower	Upper
70	100		
42	92.2	81.3	141.3
55	157.6	131.4	191.4

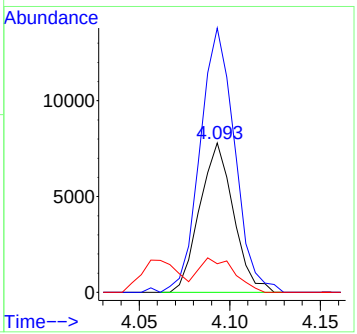


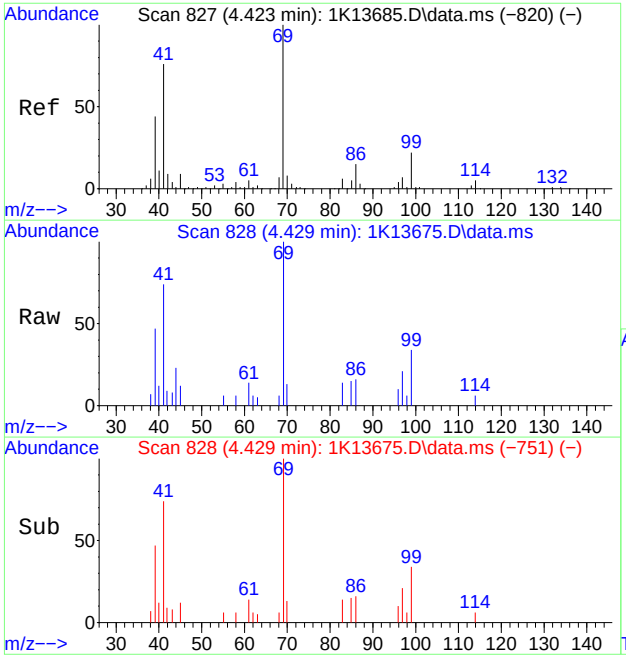


#74
toluene
Concen: 0.89 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 92 Resp: 10094

Ion	Ratio	Lower	Upper
92	100		
91	177.1	150.5	190.5
65	19.1	0.6	40.6

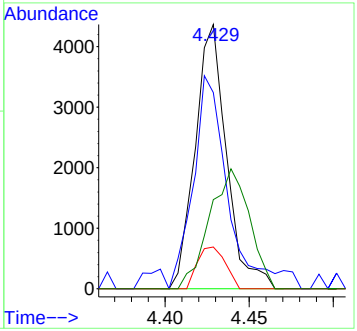


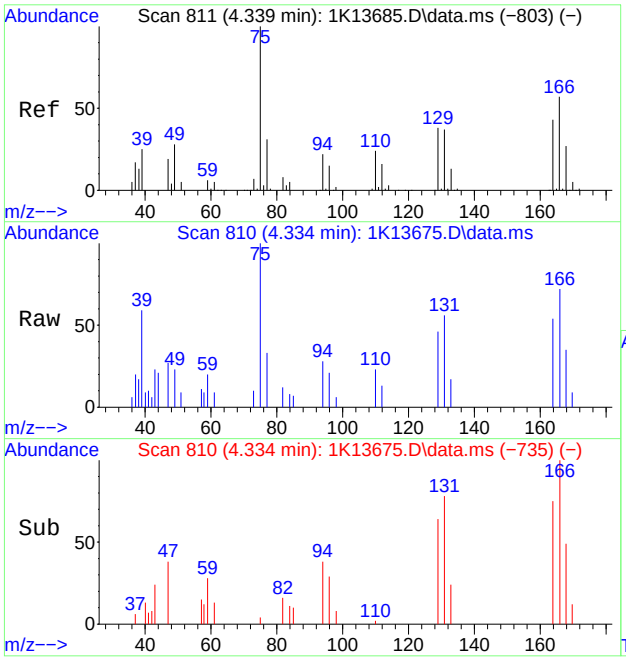


#75
ethyl methacrylate
Concen: 0.93 ug/L
RT: 4.429 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 69 Resp: 5681

Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.7	96.7
86	15.8	0.0	35.4
99	33.7	1.7	41.7

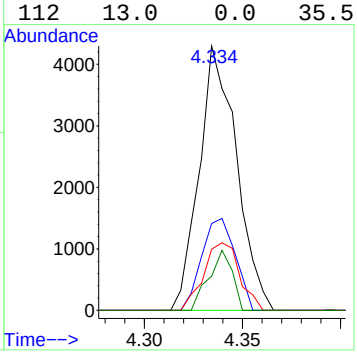


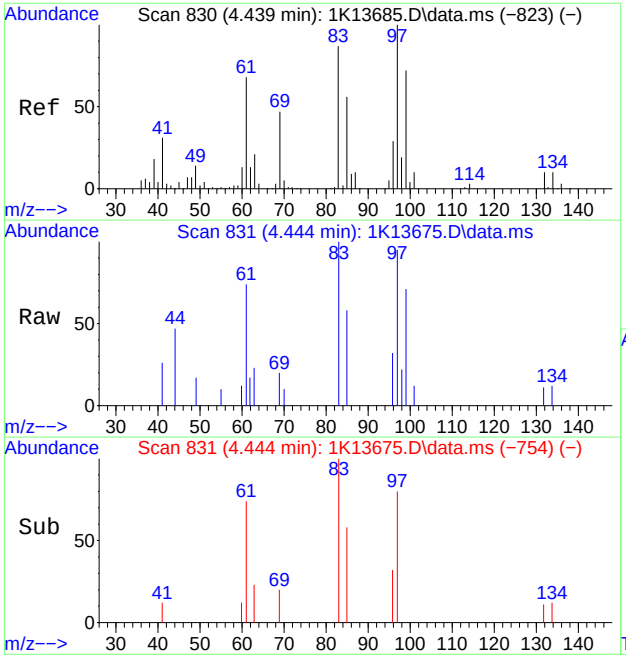


#76
trans-1,3-dichloropropene
Concen: 0.85 ug/L
RT: 4.334 min Scan# 810
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 75 Resp: 5696

Ion	Ratio	Lower	Upper
75	100		
77	32.8	11.2	51.2
110	23.1	4.0	44.0
112	13.0	0.0	35.5

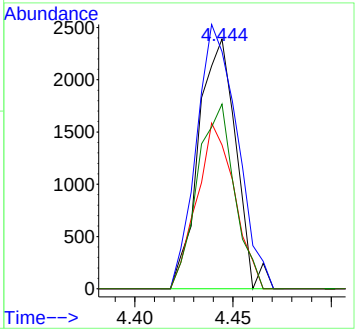


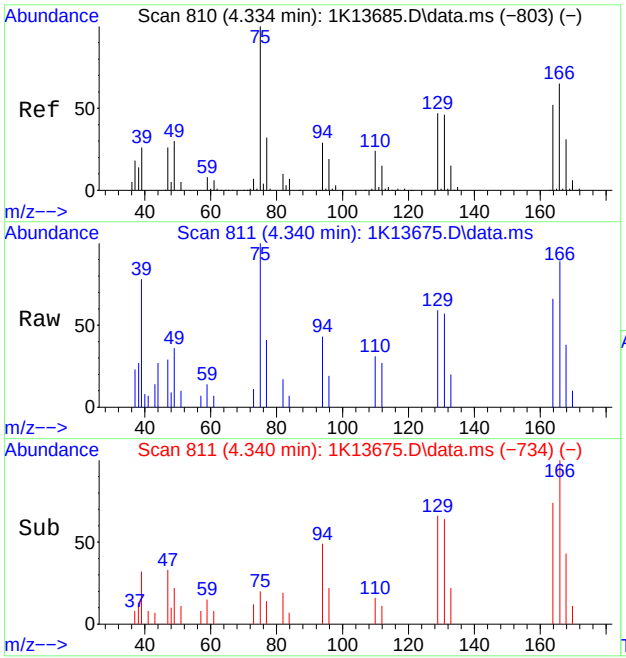


#77
1,1,2-trichloroethane
Concen: 1.01 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 83 Resp: 3165

Ion	Ratio	Lower	Upper
83	100		
97	95.0	95.4	135.4#
85	57.6	45.4	85.4
61	73.9	58.8	98.8

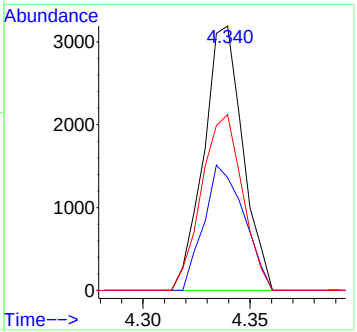


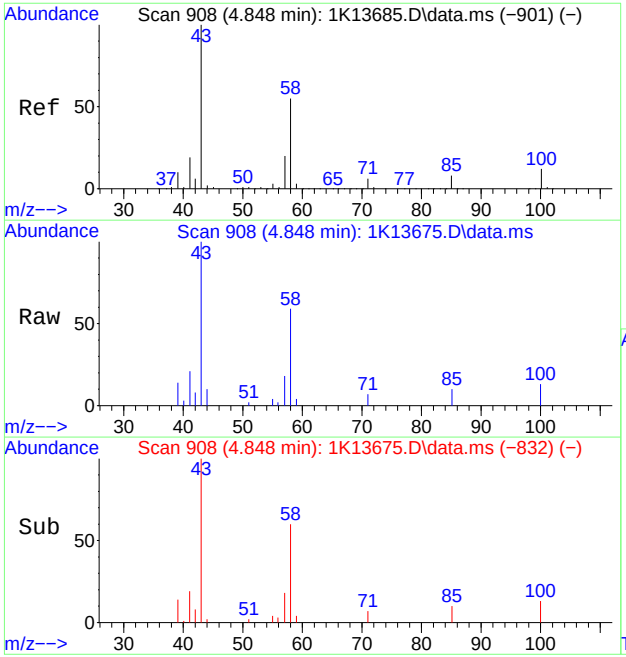


#78
tetrachloroethene
Concen: 0.91 ug/L
RT: 4.340 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:166 Resp: 4061

Ion	Ratio	Lower	Upper
166	100		
168	42.7	17.2	77.2
129	66.4	42.2	102.2

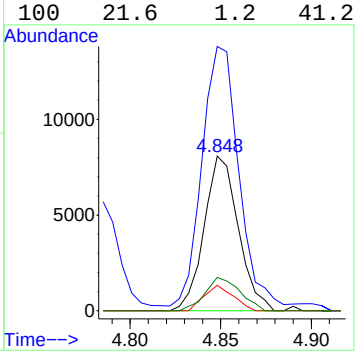


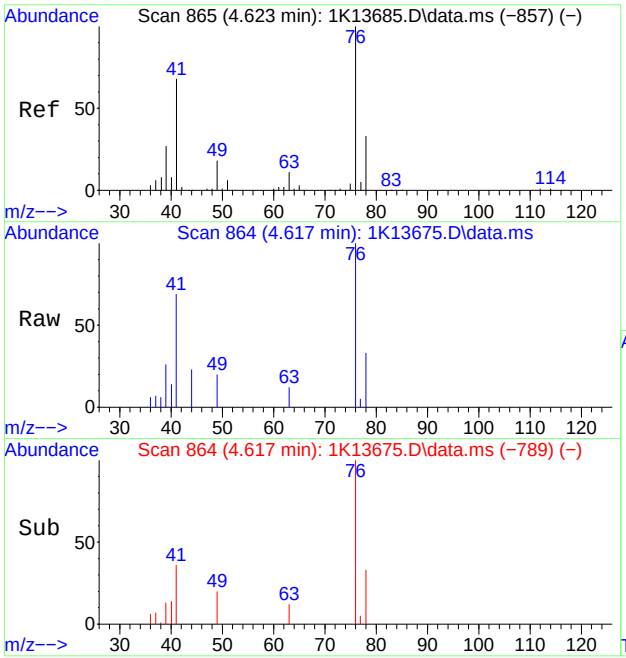


#79
2-hexanone
Concen: 3.59 ug/L
RT: 4.848 min Scan# 908
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 58 Resp: 10573

Ion	Ratio	Lower	Upper
58	100		
43	167.4	162.0	202.0
85	16.5	0.0	34.2
100	21.6	1.2	41.2

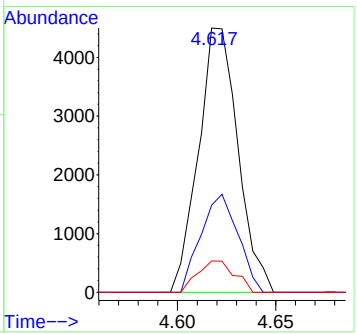


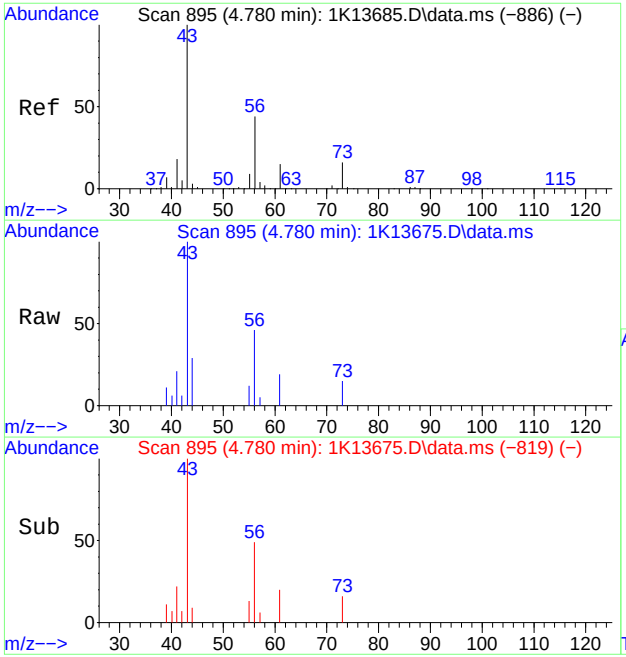


#80
1,3-dichloropropane
Concen: 0.88 ug/L
RT: 4.617 min Scan# 864
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 76 Resp: 6316

Ion	Ratio	Lower	Upper
76	100		
78	33.0	3.0	63.0
63	11.9	0.0	40.8

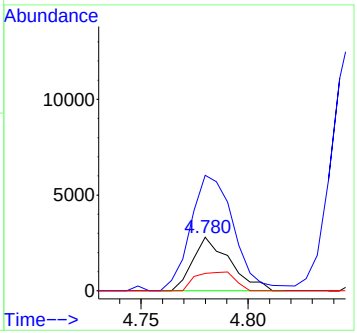


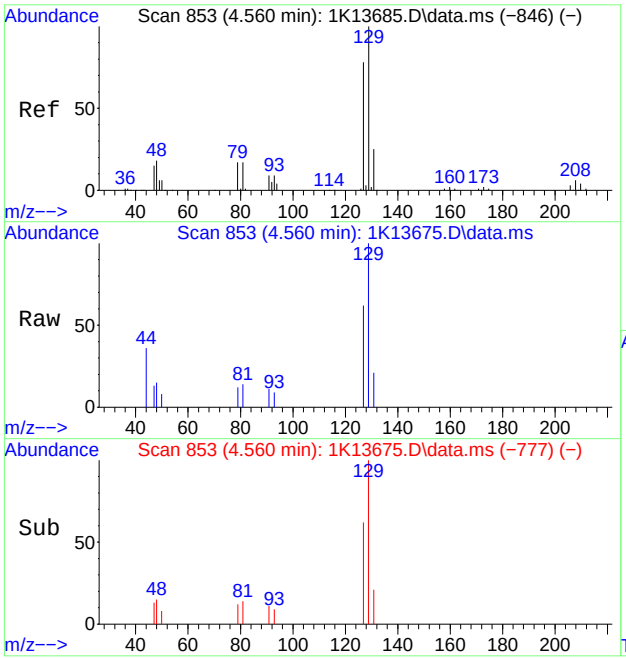


#81
butyl acetate
Concen: 0.85 ug/L
RT: 4.780 min Scan# 895
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 56 Resp: 3403

Ion	Ratio	Lower	Upper
56	100		
43	216.0	198.9	258.9
73	32.4	7.7	67.7

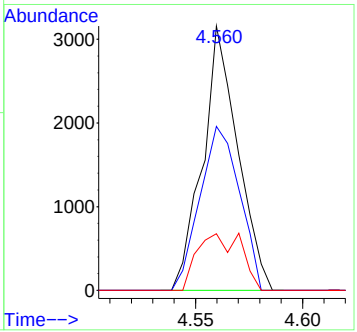


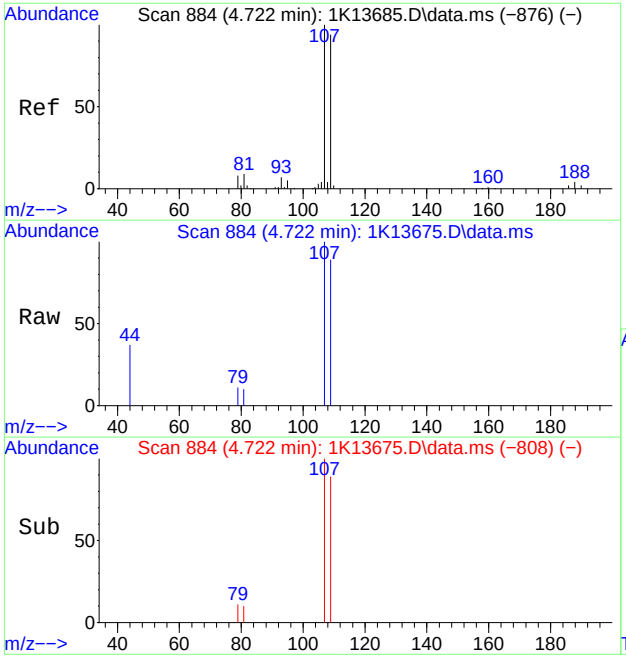


#82
dibromochloromethane
Concen: 0.96 ug/L
RT: 4.560 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:129 Resp: 3615

Ion	Ratio	Lower	Upper
129	100		
127	62.0	48.2	108.2
131	21.5	0.0	54.9

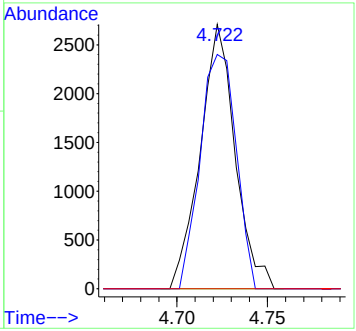


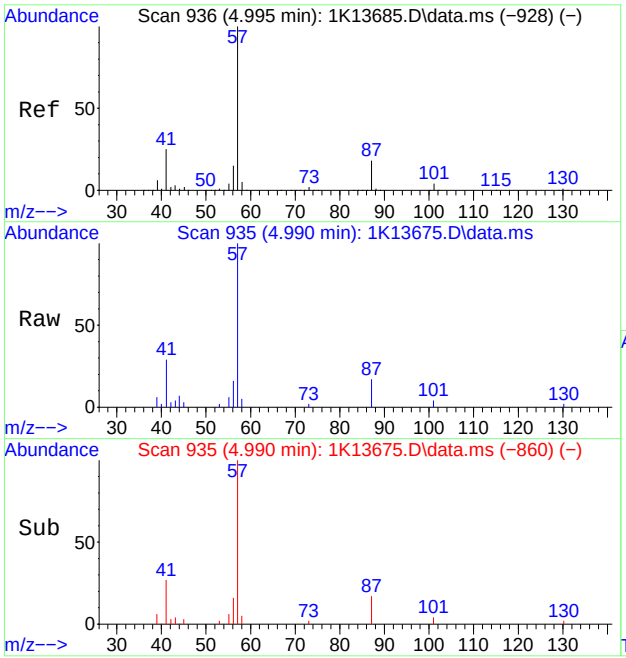


#83
1,2-dibromoethane
Concen: 0.90 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:107 Resp: 3632

Ion	Ratio	Lower	Upper
107	100		
109	88.6	64.1	124.1
188	0.0	0.0	33.9

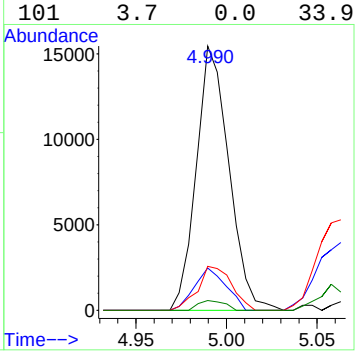


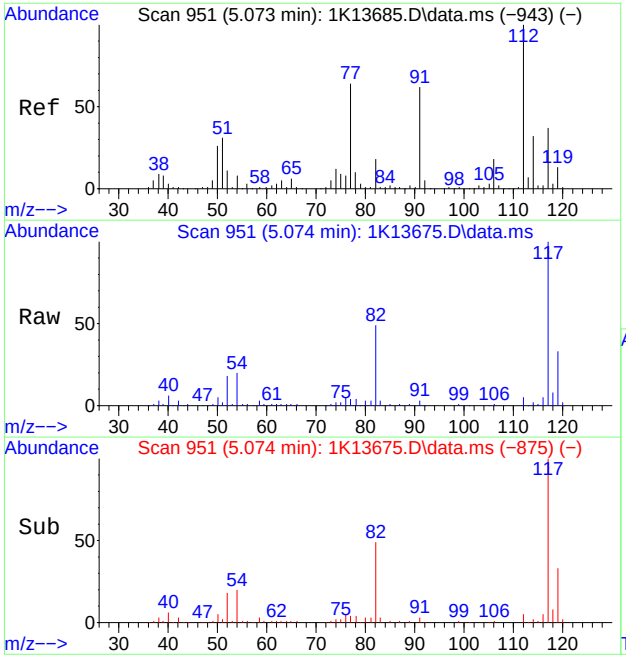


#84
n-butyl ether
Concen: 0.95 ug/L
RT: 4.990 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 57 Resp: 19332

Ion	Ratio	Lower	Upper
57	100		
56	16.1	0.0	44.5
87	16.6	0.0	47.6
101	3.7	0.0	33.9

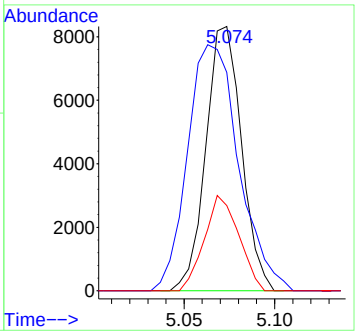


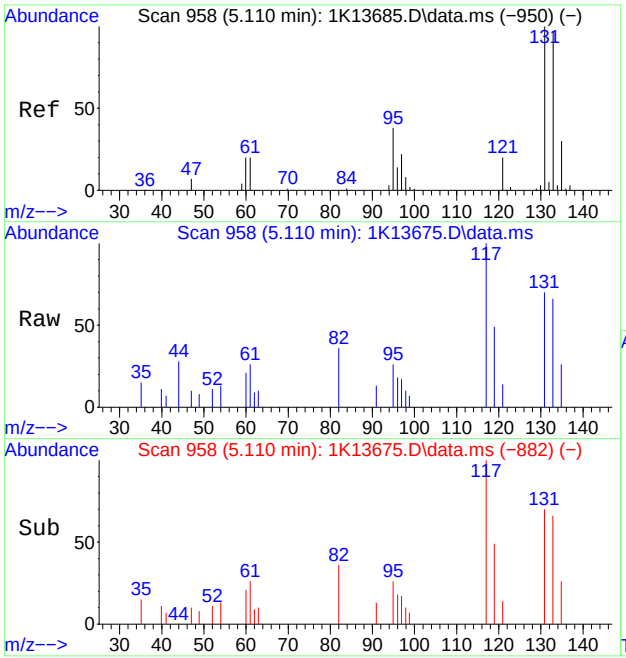


#85
chlorobenzene
Concen: 0.98 ug/L
RT: 5.074 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:112 Resp: 11380

Ion	Ratio	Lower	Upper
112	100		
77	79.3	33.8	93.8
114	32.3	2.0	62.0

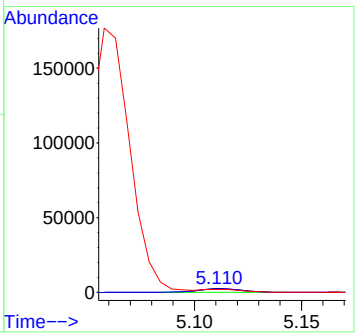


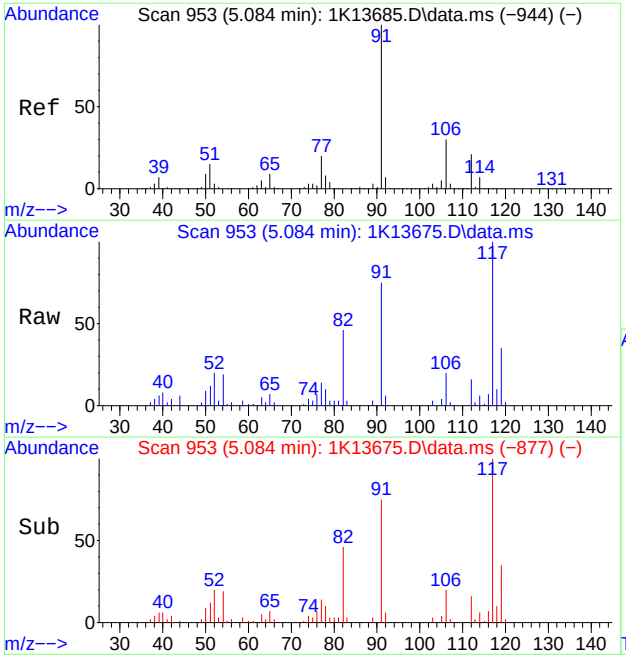


#86
1,1,1,2-tetrachloroethane
Concen: 0.92 ug/L
RT: 5.110 min Scan# 958
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:131 Resp: 3451

Ion	Ratio	Lower	Upper
131	100		
133	94.0	67.0	127.0
119	70.8	34.4	94.4

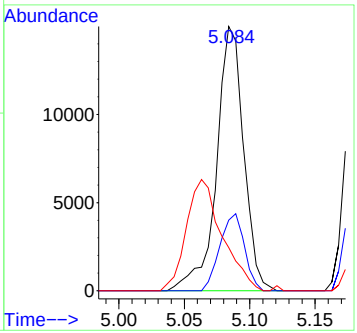


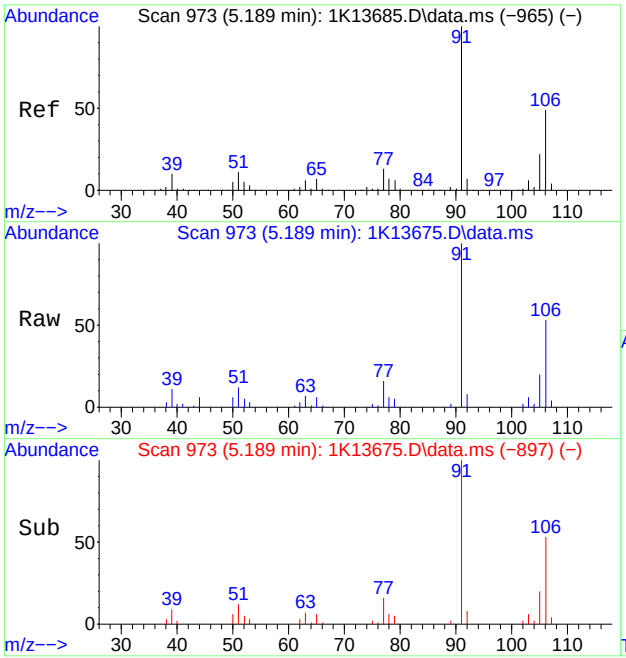


#87
ethylbenzene
Concen: 0.93 ug/L
RT: 5.084 min Scan# 953
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 91 Resp: 21699

Ion	Ratio	Lower	Upper
91	100		
106	26.8	0.2	60.2
51	16.4	0.0	45.3

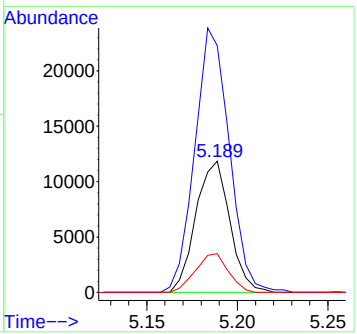


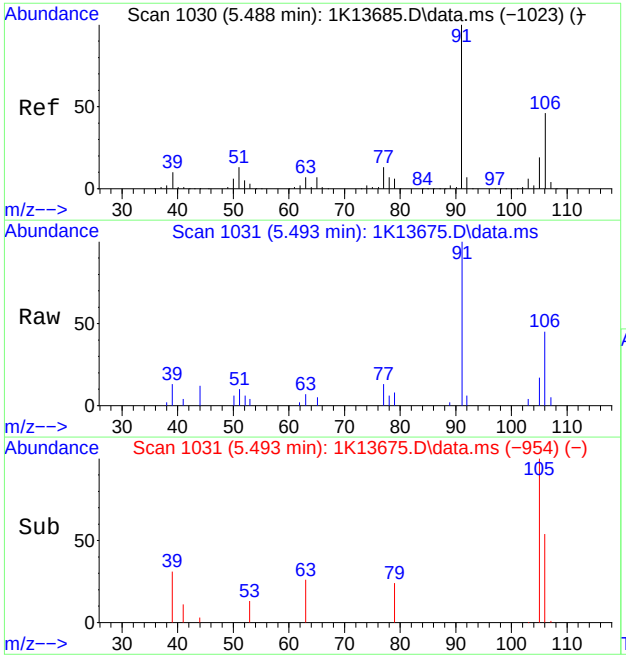


#88
m,p-xylene
Concen: 1.89 ug/L
RT: 5.189 min Scan# 973
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:106 Resp: 15457

Ion	Ratio	Lower	Upper
106	100		
91	188.0	172.8	232.8
77	29.5	5.8	45.8

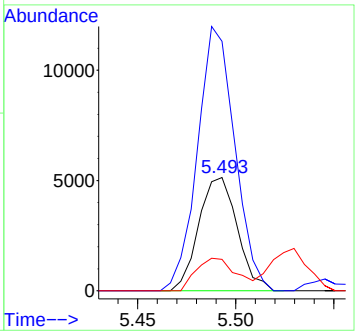


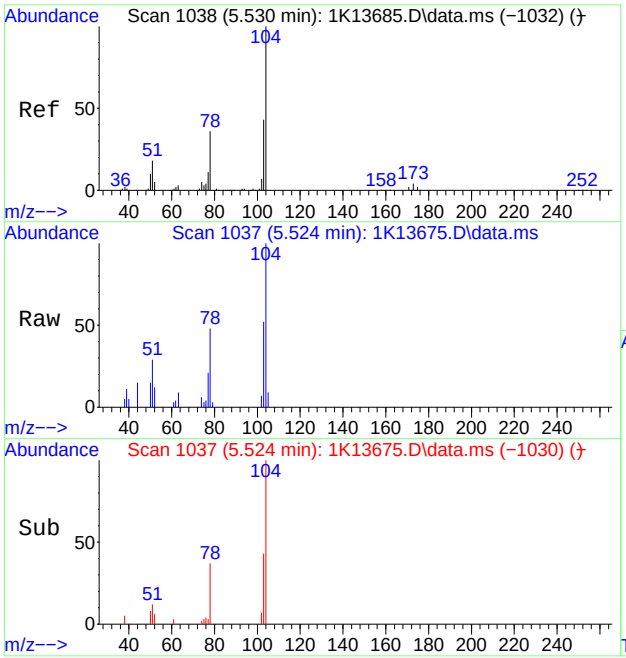


#89
o-xylene
Concen: 0.93 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:106 Resp: 7048

Ion	Ratio	Lower	Upper
106	100		
91	220.4	186.3	246.3
77	27.7	7.1	47.1

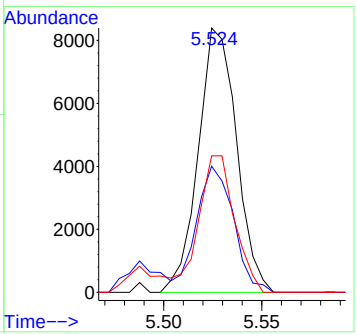


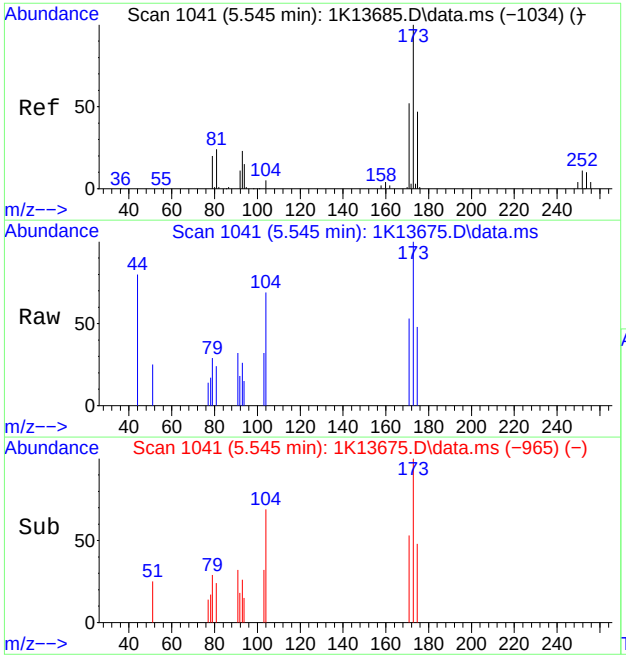


#90
styrene
Concen: 0.90 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:104 Resp: 11437

Ion	Ratio	Lower	Upper
104	100		
78	47.7	10.4	70.4
103	51.6	17.6	77.6

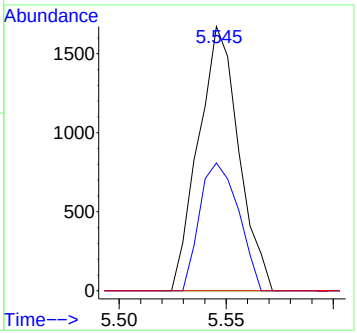


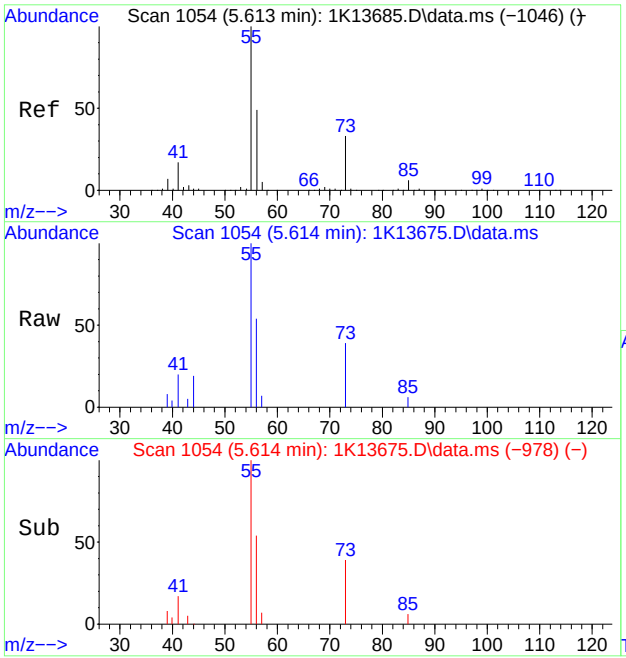


#91
bromoform
Concen: 0.81 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:173 Resp: 2196

Ion	Ratio	Lower	Upper
173	100		
175	48.4	17.2	77.2
254	0.0	0.0	39.9

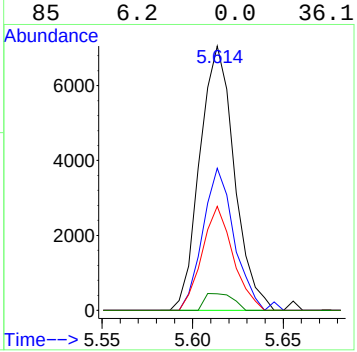


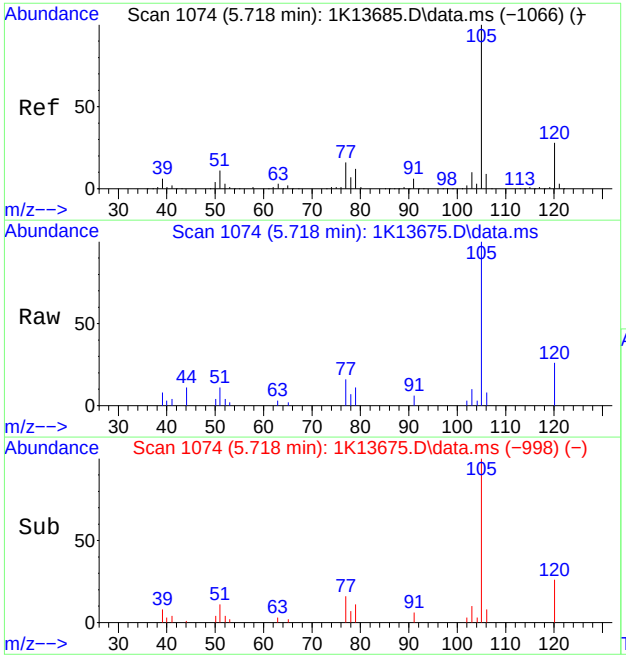


#92
butyl acrylate
Concen: 0.89 ug/L
RT: 5.614 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 55 Resp: 9344

Ion	Ratio	Lower	Upper
55	100		
56	53.7	19.4	79.4
73	39.3	3.4	63.4
85	6.2	0.0	36.1

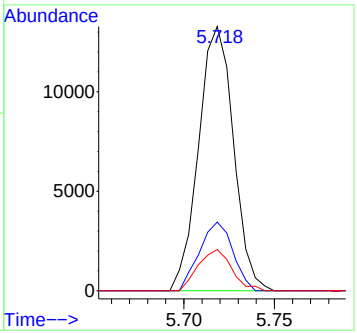


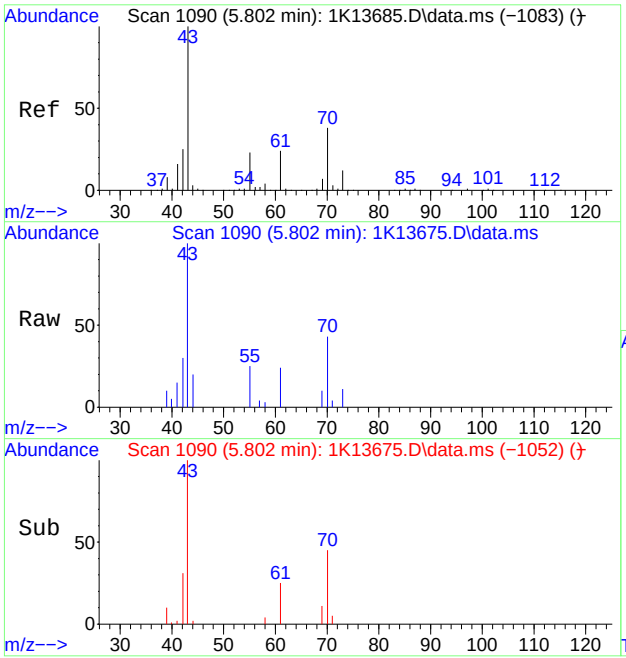


#93
isopropylbenzene
Concen: 1.01 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:105 Resp: 17752

Ion	Ratio	Lower	Upper
105	100		
120	25.9	7.6	47.6
77	15.6	0.0	35.6

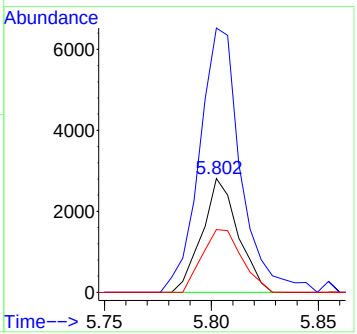


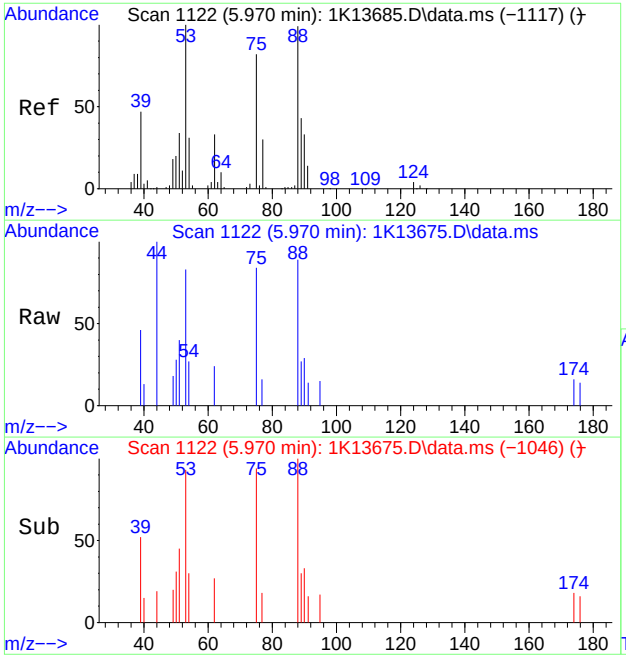


#94
n-amyl acetate
Concen: 0.87 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 70 Resp: 3290

Ion	Ratio	Lower	Upper
70	100		
43	232.3	241.4	281.4#
61	55.2	43.1	83.1

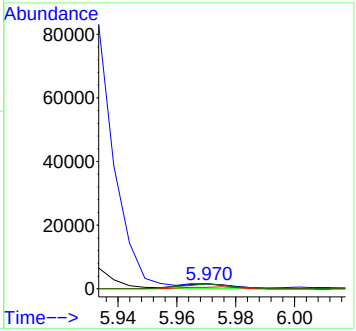


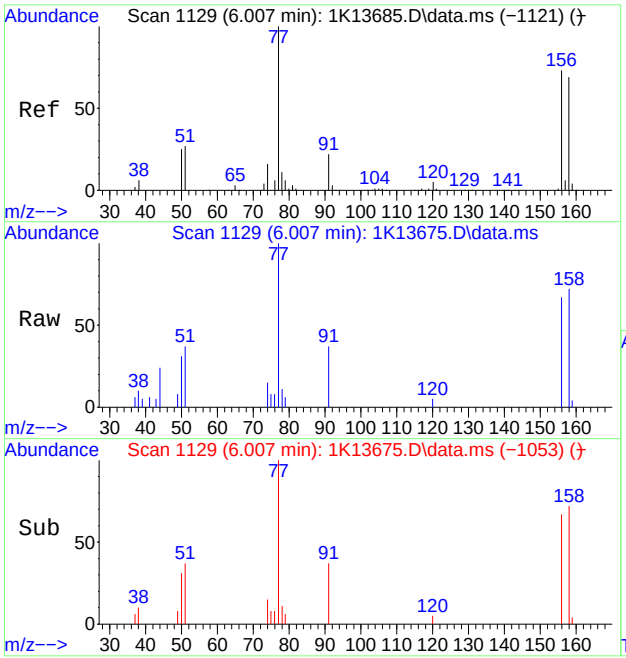


#95
cis-1,4-dichloro-2-butene
Concen: 0.82 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 88 Resp: 1882

Ion	Ratio	Lower	Upper
88	100		
75	72.1	61.4	101.4
89	29.8	22.1	62.1
53	92.9	78.7	118.7

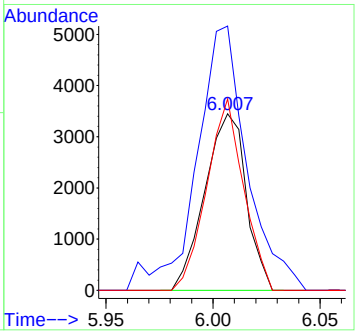


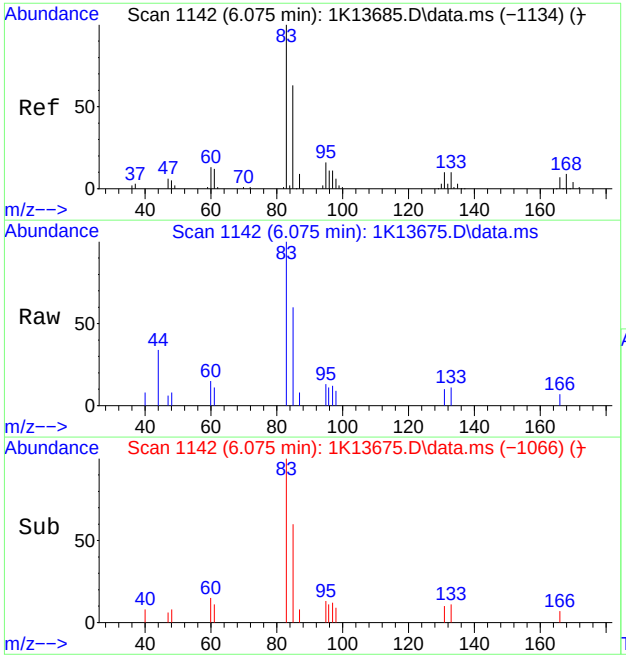


#98
bromobenzene
Concen: 0.96 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:156 Resp: 4633

Ion	Ratio	Lower	Upper
156	100		
77	136.7	121.4	181.4
158	108.5	64.8	124.8

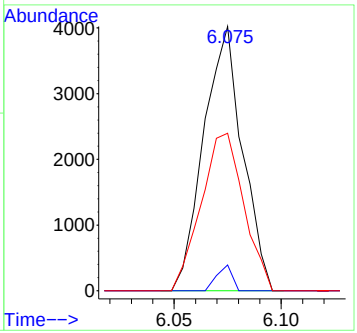


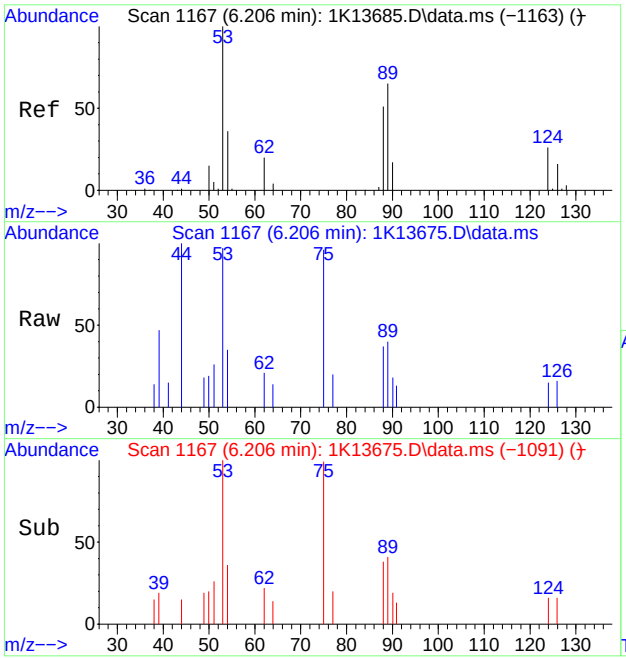


#99
1,1,2,2-tetrachloroethane
Concen: 0.94 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 83 Resp: 5083

Ion	Ratio	Lower	Upper
83	100		
131	9.7	0.0	40.4
85	59.5	33.3	93.3

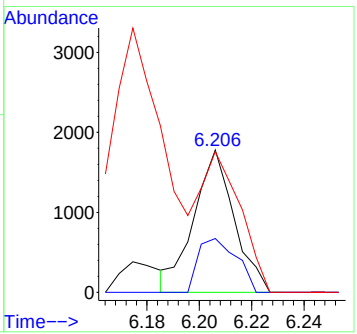


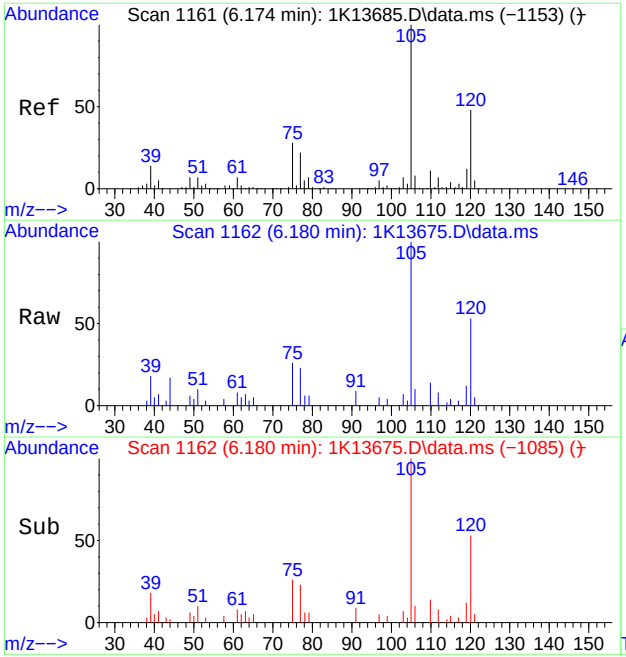


#100
trans-1,4-dichloro-2-butene
Concen: 0.79 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 53 Resp: 1899

Ion	Ratio	Lower	Upper
53	100		
88	37.8	15.0	75.0
75	98.8	88.4	148.4

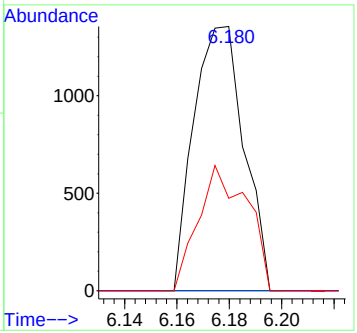


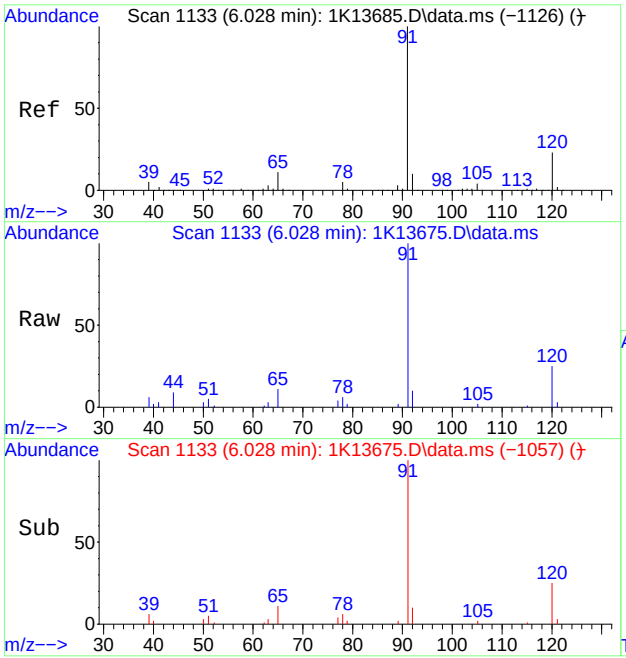


#101
1,2,3-trichloropropane
Concen: 1.05 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:110 Resp: 1817

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	40.4
97	35.0	19.6	79.6

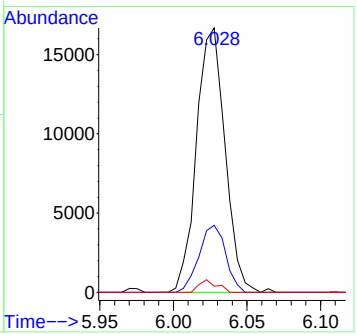


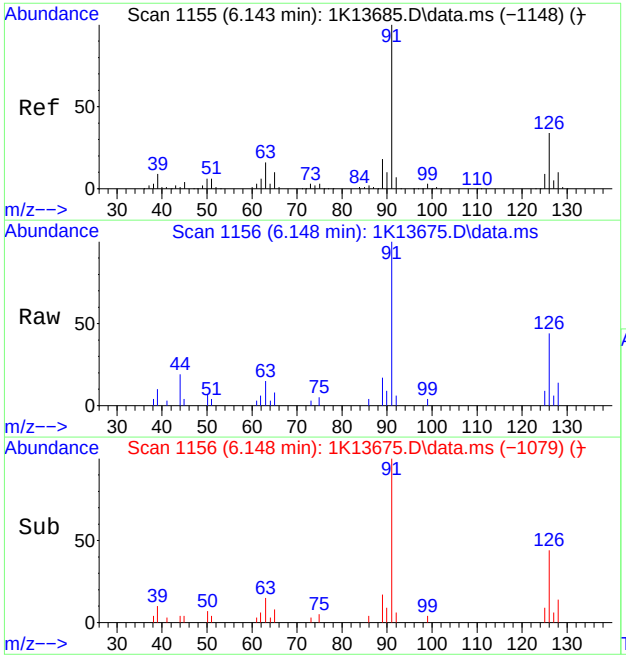


#102
n-propylbenzene
Concen: 0.95 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 91 Resp: 22512

Ion	Ratio	Lower	Upper
91	100		
120	25.3	0.0	53.1
105	2.3	0.0	33.8

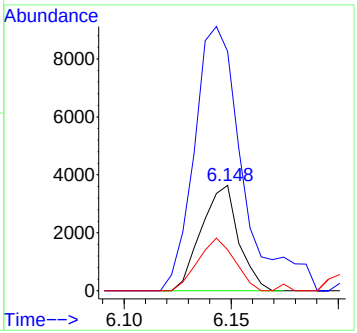


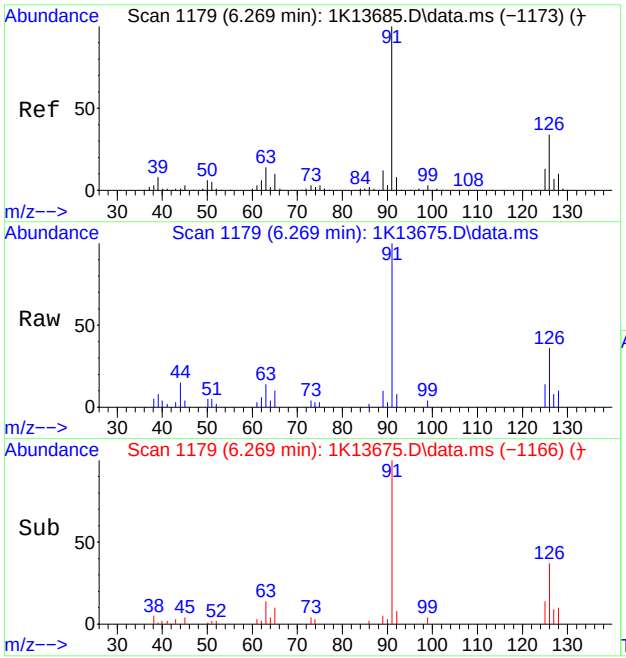


#103
2-chlorotoluene
Concen: 1.01 ug/L
RT: 6.148 min Scan# 1156
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:126 Resp: 4403

Ion	Ratio	Lower	Upper
126	100		
91	226.9	265.3	325.3#
89	38.9	24.5	84.5

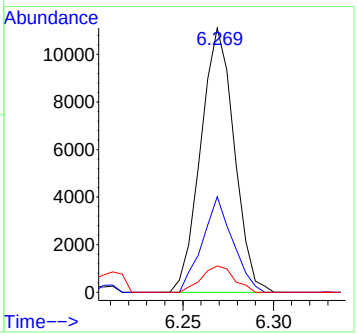


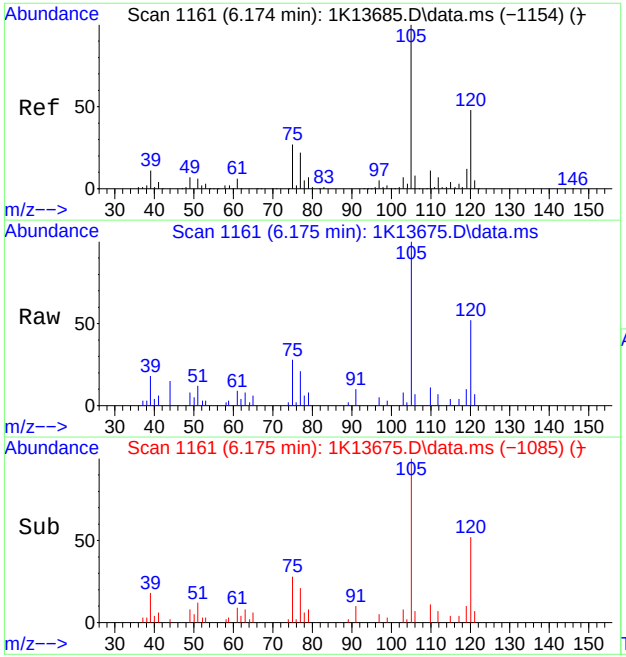


#104
4-chlorotoluene
Concen: 0.96 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 91 Resp: 14259

Ion	Ratio	Lower	Upper
91	100		
126	36.1	3.8	63.8
89	9.9	0.0	41.7

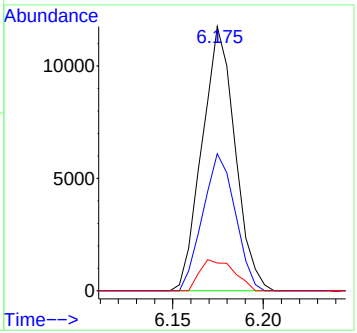


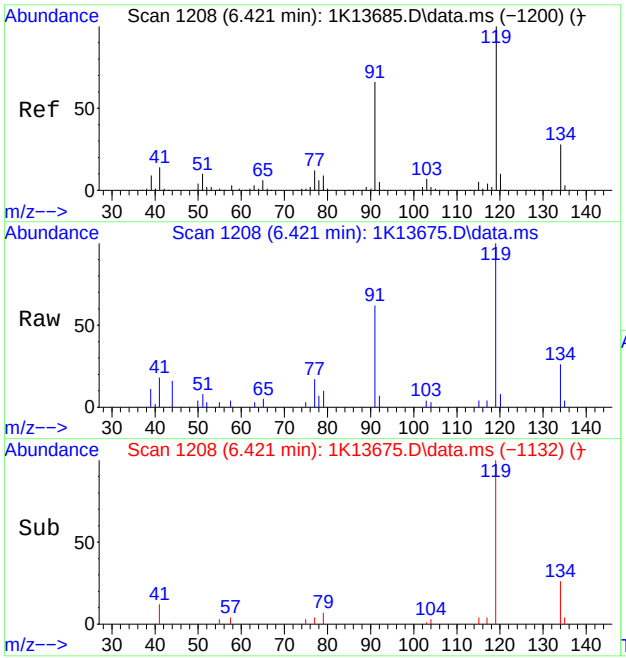


#105
1,3,5-trimethylbenzene
Concen: 0.95 ug/L
RT: 6.175 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:105 Resp: 14861

Ion	Ratio	Lower	Upper
105	100		
120	51.9	18.3	78.3
119	10.5	0.0	42.2

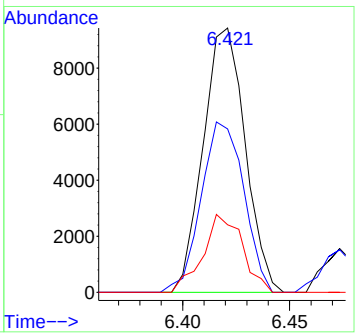


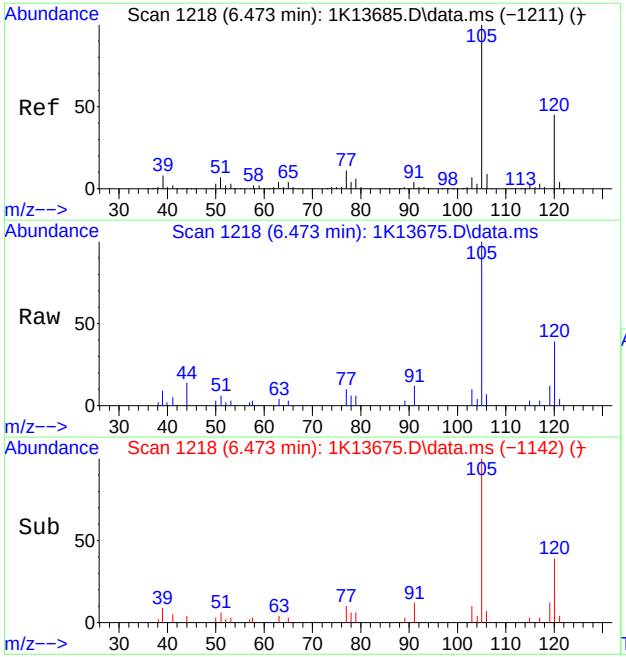


#106
tert-butylbenzene
Concen: 0.99 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:119 Resp: 12900

Ion	Ratio	Lower	Upper
119	100		
91	61.8	36.3	96.3
134	25.5	0.0	57.5

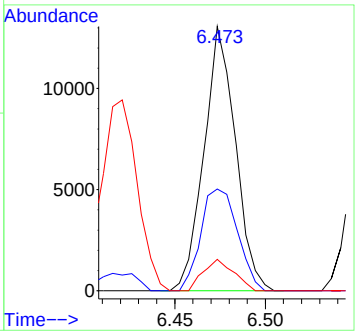


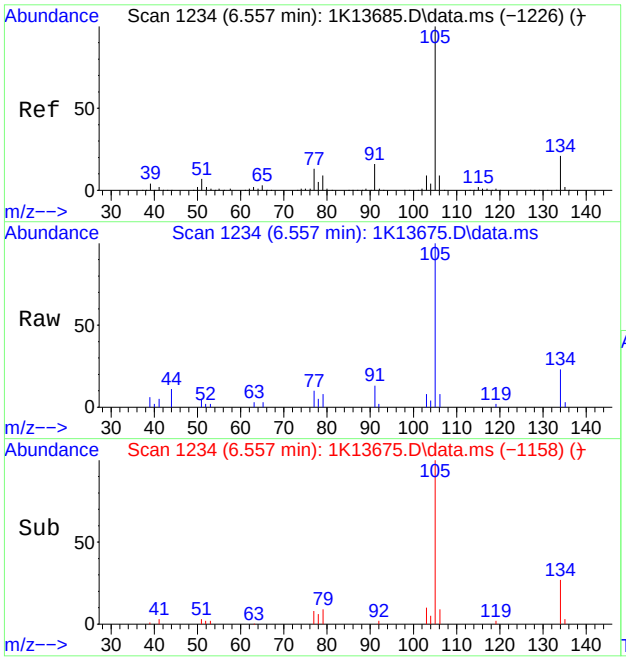


#107
1,2,4-trimethylbenzene
Concen: 0.99 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:105 Resp: 15764

Ion	Ratio	Lower	Upper
105	100		
120	38.5	16.6	76.6
119	11.9	0.0	41.7

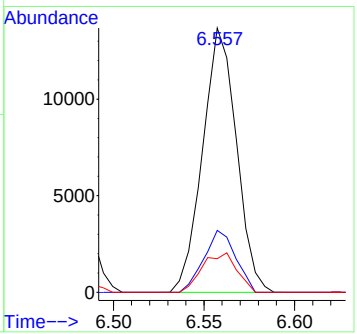


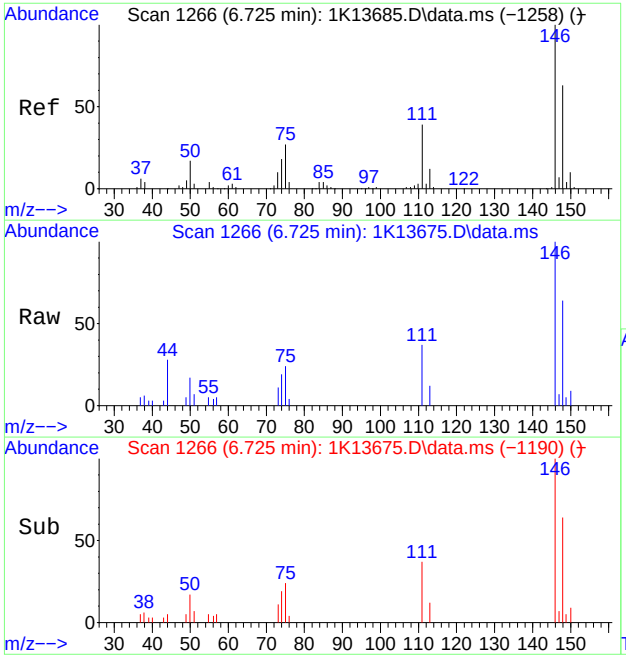


#108
sec-butylbenzene
Concen: 0.96 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:105 Resp: 17716

Ion	Ratio	Lower	Upper
105	100		
134	23.5	0.0	50.7
91	12.8	0.0	45.7

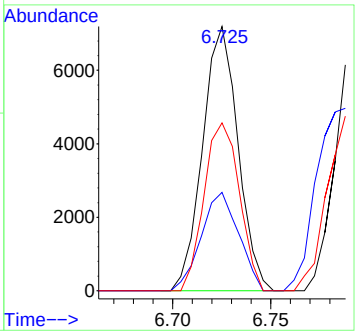


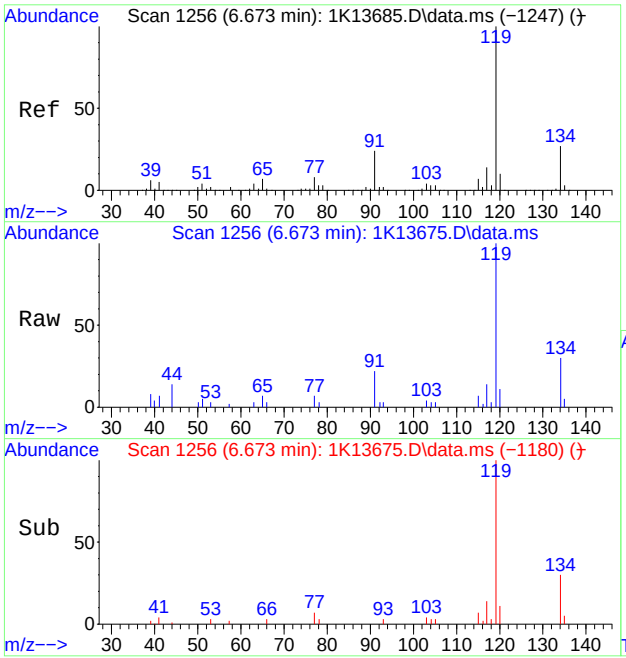


#109
1,3-dichlorobenzene
Concen: 0.97 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:146 Resp: 9040

Ion	Ratio	Lower	Upper
146	100		
111	37.2	8.8	68.8
148	63.5	33.3	93.3

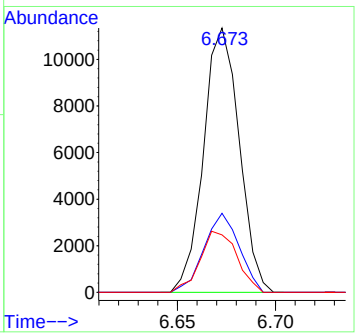


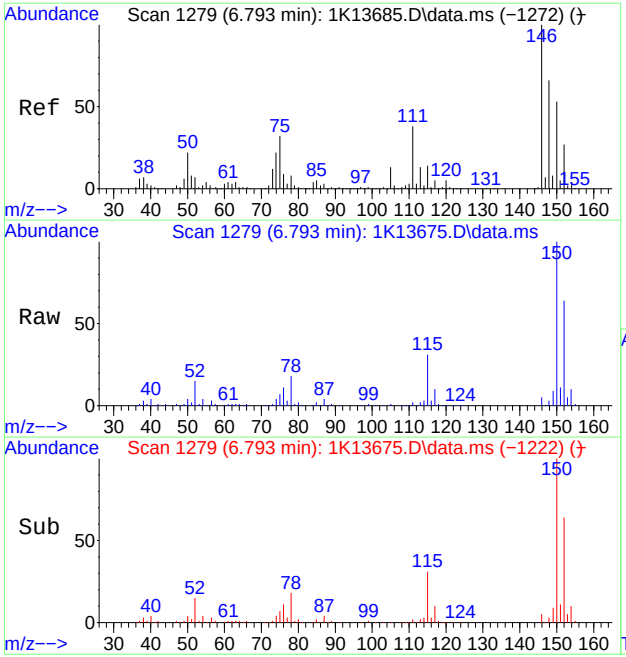


#110
p-isopropyltoluene
Concen: 0.92 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:119 Resp: 14377

Ion	Ratio	Lower	Upper
119	100		
134	29.9	0.0	57.5
91	21.7	0.0	53.9

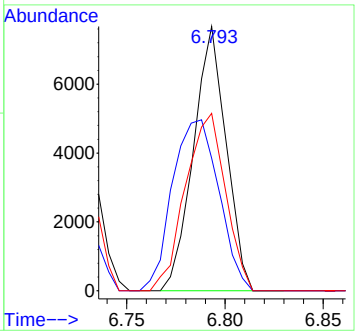


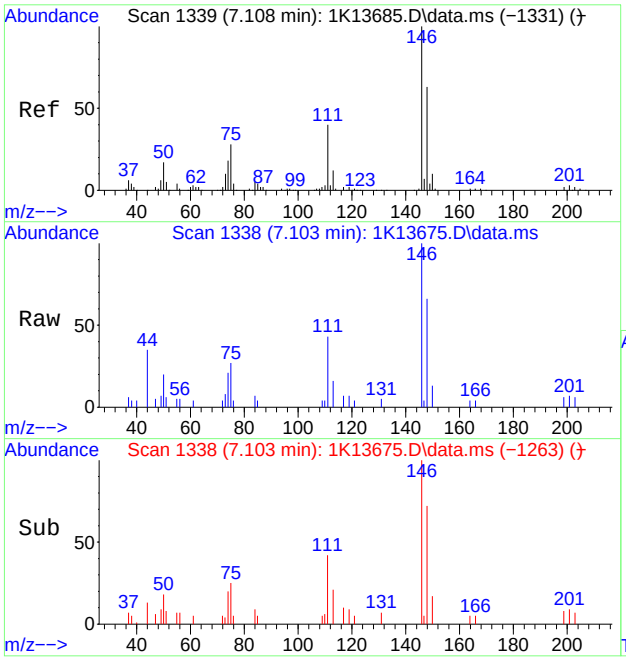


#111
1,4-dichlorobenzene
Concen: 0.92 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:146 Resp: 8915

Ion	Ratio	Lower	Upper
146	100		
111	50.2	7.8	67.8
148	67.1	35.5	95.5

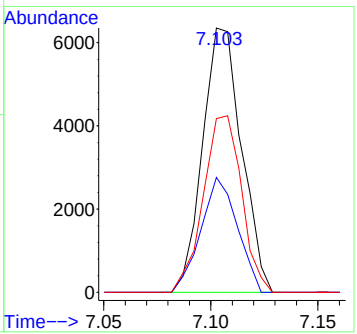


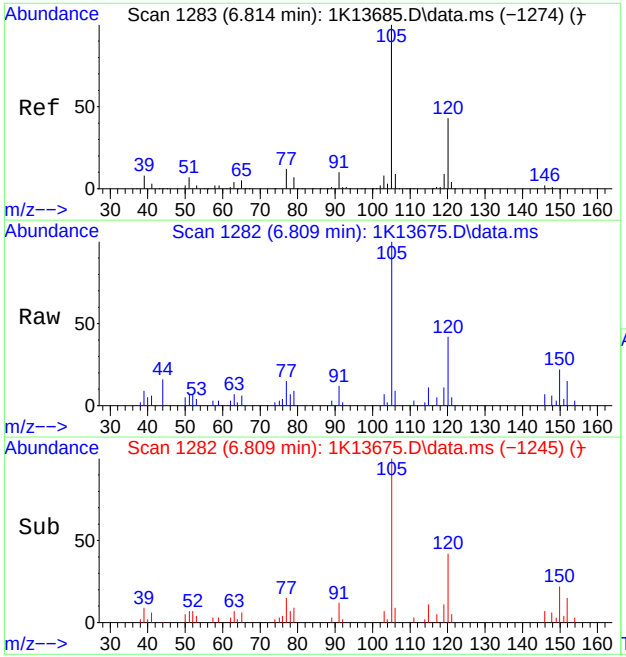


#112
1,2-dichlorobenzene
Concen: 0.88 ug/L
RT: 7.103 min Scan# 1338
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:146 Resp: 8062

Ion	Ratio	Lower	Upper
146	100		
111	43.5	9.5	69.5
148	65.7	32.9	92.9

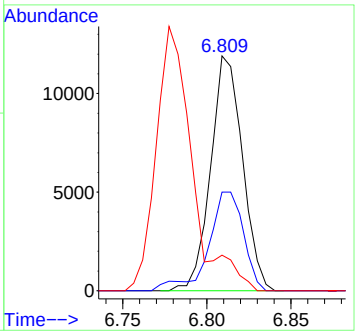


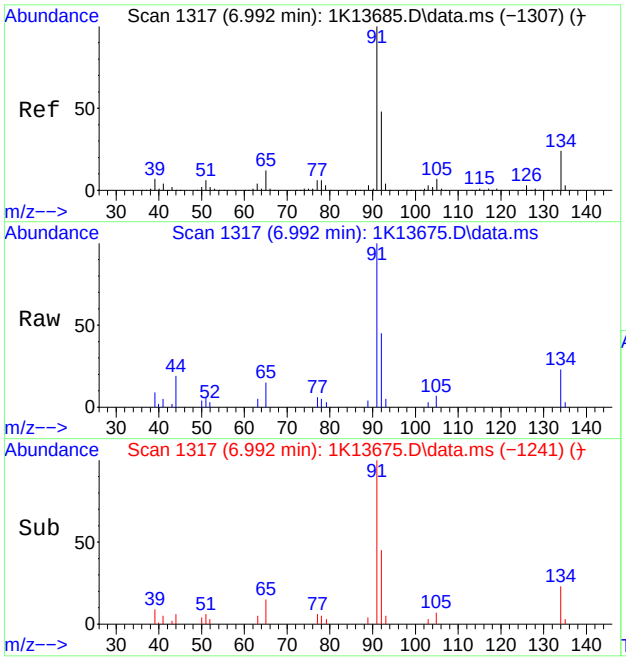


#113
1,2,3-trimethylbenzene
Concen: 0.91 ug/L
RT: 6.809 min Scan# 1282
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:105 Resp: 15741

Ion	Ratio	Lower	Upper
105	100		
120	42.0	13.3	73.3
77	15.2	0.0	42.2

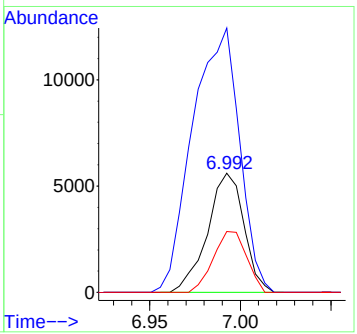


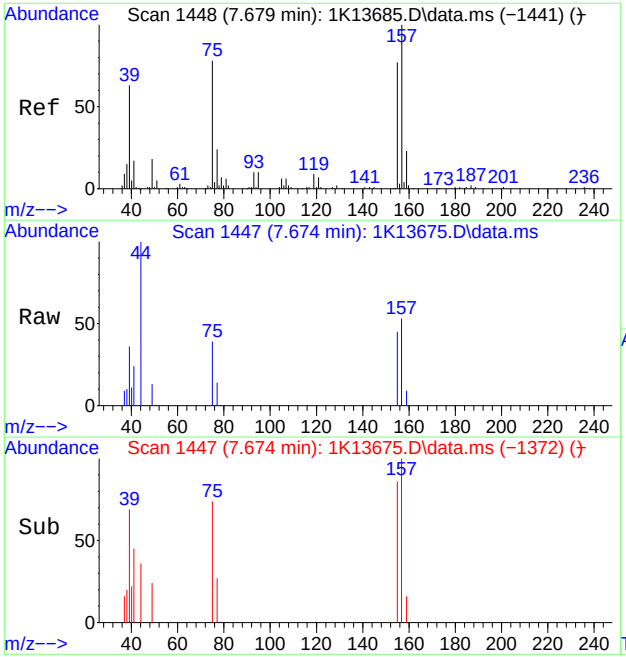


#114
n-butylbenzene
Concen: 0.94 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion: 92 Resp: 7841

Ion	Ratio	Lower	Upper
92	100		
91	222.1	176.9	236.9
134	51.1	18.8	78.8

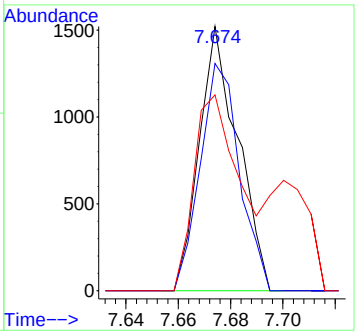


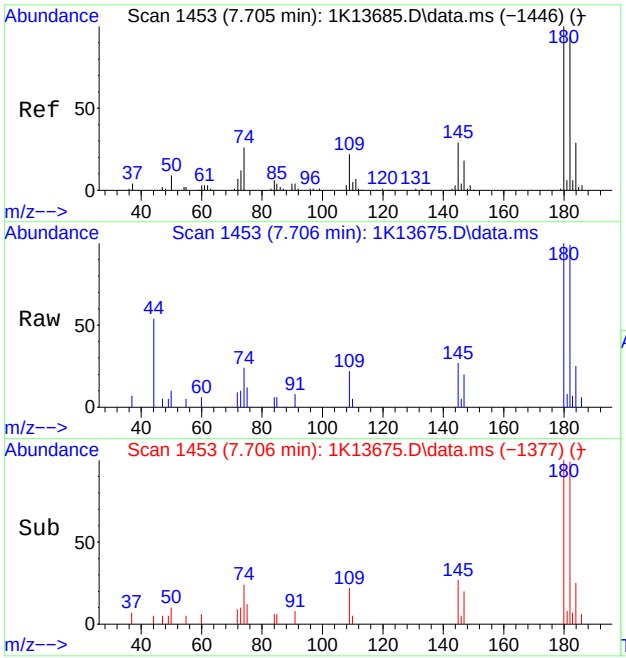


#115
1,2-dibromo-3-chloropropane
Concen: 0.82 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:157 Resp: 1556

Ion	Ratio	Lower	Upper
157	100		
155	85.9	47.4	107.4
75	74.0	47.7	107.7

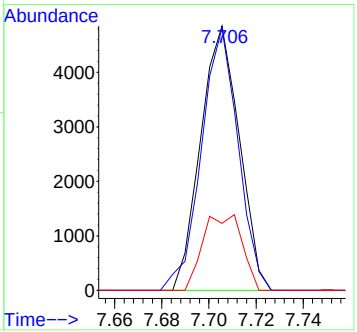




#116
1,3,5-trichlorobenzene
Concen: 0.93 ug/L
RT: 7.706 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

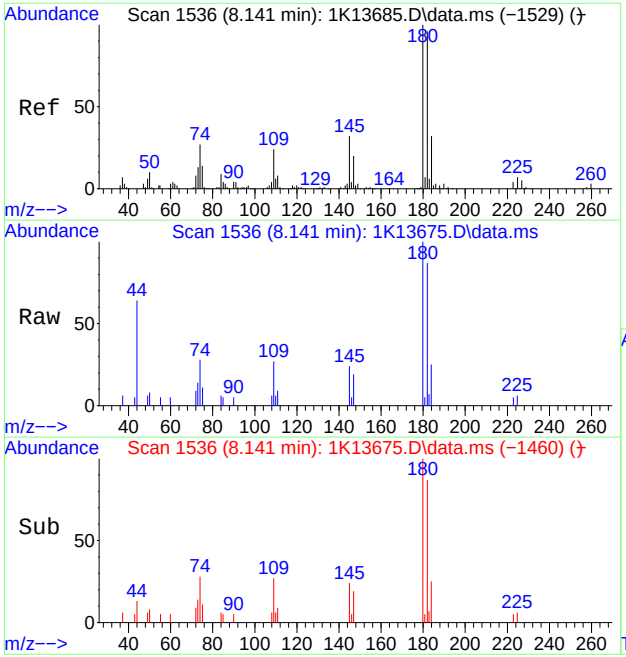
Tgt Ion:180 Resp: 5539

Ion	Ratio	Lower	Upper
180	100		
182	99.1	74.2	114.2
184	25.4	9.3	49.3



7.6.16

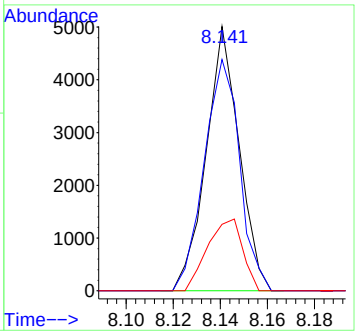
7

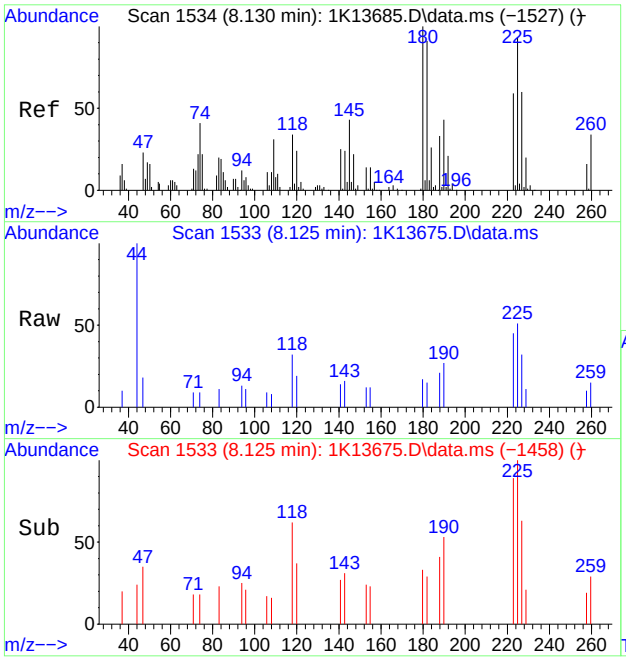


#117
1,2,4-trichlorobenzene
Concen: 0.89 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:180 Resp: 4887

Ion	Ratio	Lower	Upper
180	100		
182	87.5	66.2	126.2
184	25.1	1.6	61.6

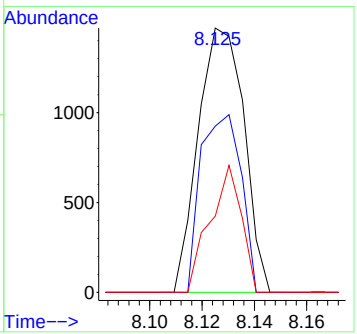


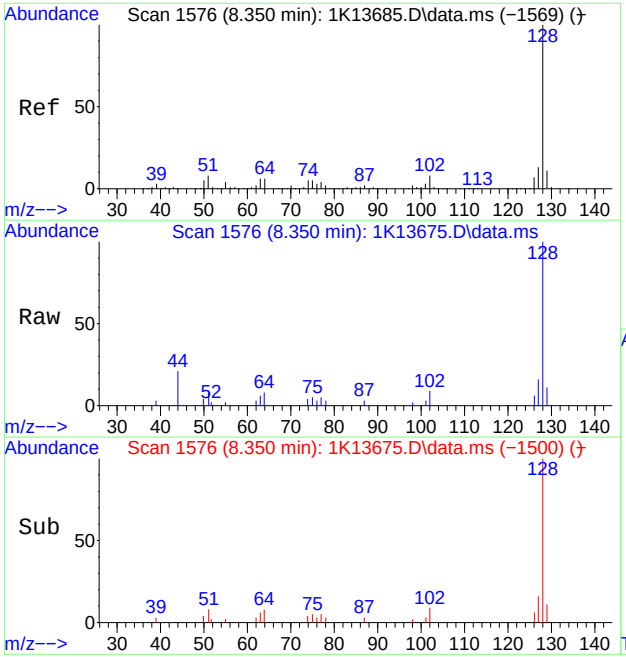


#118
hexachlorobutadiene
Concen: 1.00 ug/L
RT: 8.125 min Scan# 1533
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:225 Resp: 1795

Ion	Ratio	Lower	Upper
225	100		
227	62.9	34.0	94.0
260	28.9	6.4	66.4

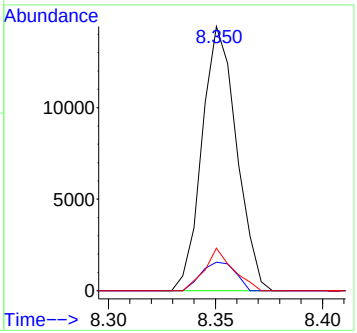


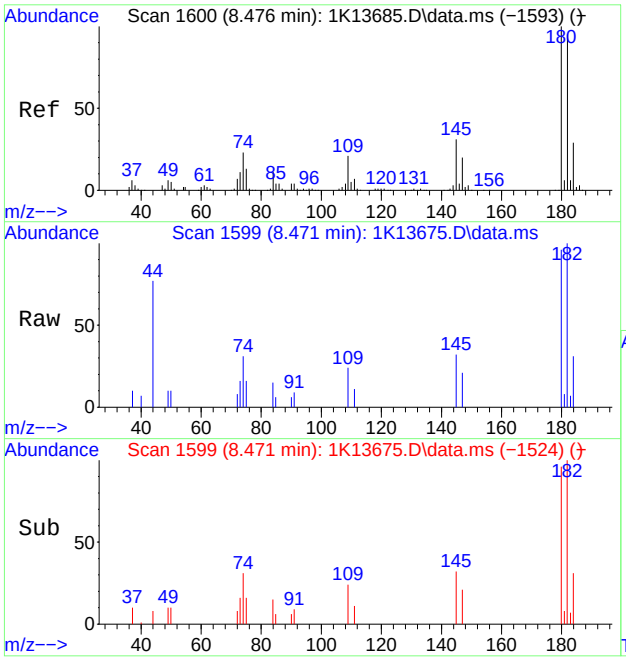


#119
naphthalene
Concen: 0.83 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:128 Resp: 16260

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	40.7
127	16.2	0.0	42.5

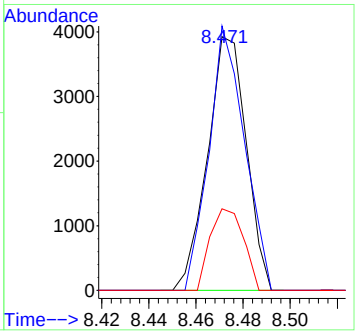


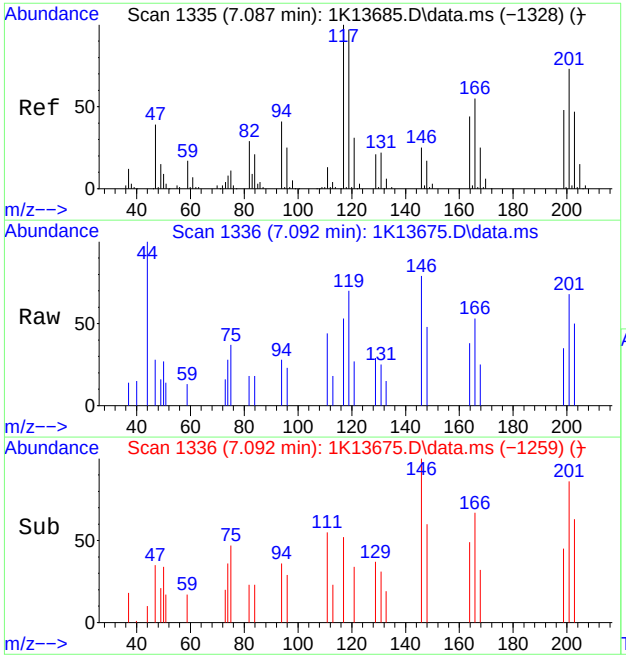


#120
1,2,3-trichlorobenzene
Concen: 0.89 ug/L
RT: 8.471 min Scan# 1599
Delta R.T. -0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:180 Resp: 4505

Ion	Ratio	Lower	Upper
180	100		
182	104.3	64.7	124.7
184	32.2	0.0	59.2

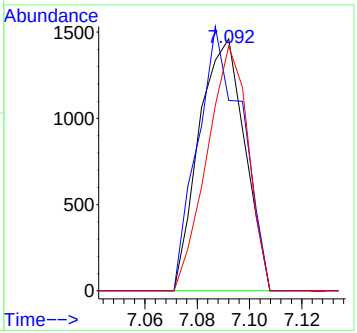


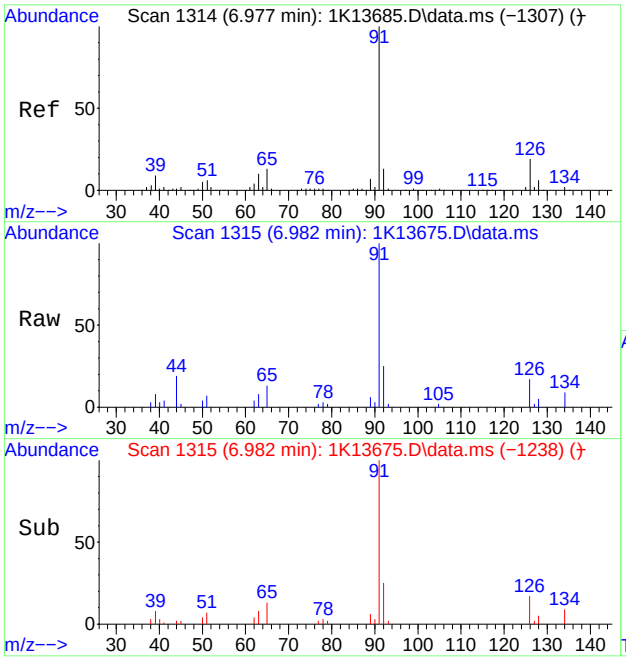


#121
hexachloroethane
Concen: 0.80 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:119 Resp: 1781

Ion	Ratio	Lower	Upper
119	100		
117	75.5	73.4	133.4
201	97.1	45.3	105.3

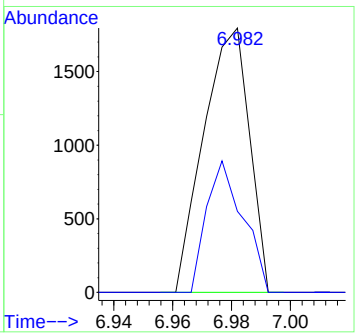


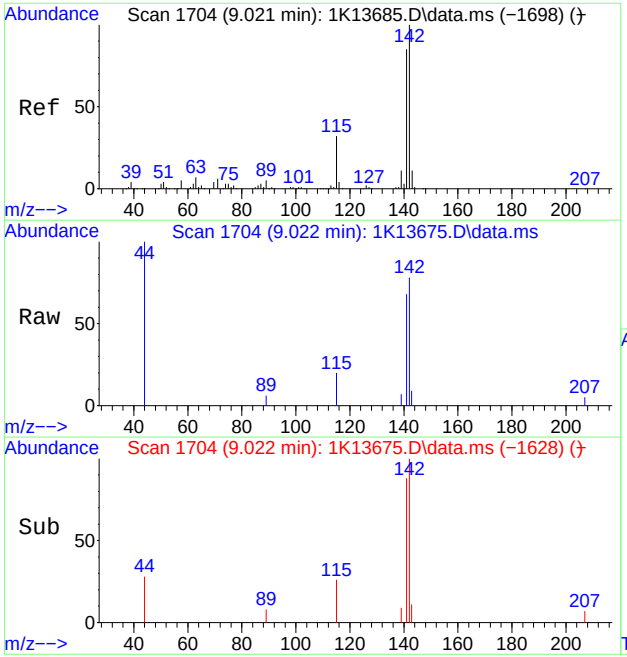


#122
benzyl chloride
Concen: 0.70 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:126 Resp: 1937

Ion	Ratio	Lower	Upper
126	100		
128	30.7	2.6	62.6

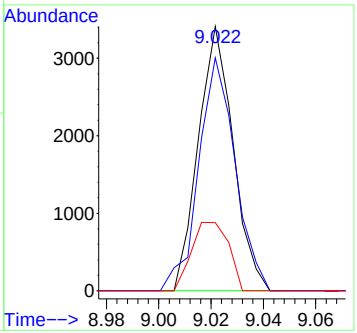




#123
2-methylnaphthalene
Concen: 0.42 ug/L
RT: 9.022 min Scan# 1704
Delta R.T. 0.000 min
Lab File: 1K13675.D
Acq: 2 Dec 2023 2:50 pm

Tgt Ion:142 Resp: 3172

Ion	Ratio	Lower	Upper
142	100		
141	88.1	55.2	115.2
115	25.8	1.8	61.8



7.6.16

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13677.D
Acq On : 2 Dec 2023 3:22 pm
Operator : PrashanS
Sample : IC376-2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 15:44:04 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	461711	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	489342	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	880777	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	747089	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	369619	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	489342	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	369619	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	246960	50.31	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.62%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	282272	49.44	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.88%				
73) toluene-d8 (s)	4.061	98	1013279	49.71	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%				
97) 4-bromofluorobenzene (s)	5.923	95	357981	49.41	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.82%				
Target Compounds							Qvalue
2) ethanol	1.676	45	21860	194.33	ug/L		90
3) tertiary butyl alcohol	2.090	59	12091	9.74	ug/L		92
4) 1,4-dioxane	3.689	88	4882	52.13	ug/L	#	75
6) chlorodifluoromethane	1.120	51	12487	1.92	ug/L		94
7) dichlorodifluoromethane	1.094	85	8038	2.25	ug/L		98
8) chloromethane	1.199	50	8272	1.94	ug/L		94
9) vinyl chloride	1.230	62	9144	1.94	ug/L		90
10) 1,3-butadiene	1.230	39	11273	2.03	ug/L		95
11) bromomethane	1.377	96	1400	1.51	ug/L	#	92
12) chloroethane	1.435	64	6130	2.18	ug/L		91
13) trichlorofluoromethane	1.492	101	11841	2.15	ug/L		94
14) ethyl ether	1.618	74	4657	1.94	ug/L	#	74
15) acrolein	1.859	56	2264	1.94	ug/L		91
16) freon 113	1.728	151	5806	1.94	ug/L		89
17) 1,1-dichloroethene	1.718	61	11612	1.96	ug/L		95
18) acetone	1.980	58	7858	8.06	ug/L		99
19) acetonitrile	2.195	41	17265	20.71	ug/L		98
20) iodomethane	1.791	142	2513	0.88	ug/L		83
21) carbon disulfide	1.749	76	20961	1.78	ug/L		95
22) methylene chloride	1.975	84	8541	1.95	ug/L		92
23) methyl acetate	2.027	74	1967	1.81	ug/L	#	27
24) methyl tert butyl ether	2.074	73	24072	1.92	ug/L		97
25) trans-1,2-dichloroethene	2.043	96	8098	2.01	ug/L		84
26) hexane	2.069	57	19681	1.79	ug/L		93
27) di-isopropyl ether	2.232	45	25618	1.92	ug/L		96
28) ethyl tert-butyl ether	2.399	59	26140	1.90	ug/L		97
29) 2-butanone	2.819	72	7929	8.01	ug/L		94
30) 1,1-dichloroethane	2.316	63	14872	1.90	ug/L		93
31) chloroprene	2.305	53	14373	2.01	ug/L		89
32) acrylonitrile	2.326	52	4019	1.88	ug/L		95
33) vinyl acetate	2.405	86	1714	1.87	ug/L	#	87
34) ethyl acetate	2.719	70	1354	2.33	ug/L		77
35) 2,2-dichloropropane	2.614	77	12453	1.94	ug/L		94
36) cis-1,2-dichloroethene	2.562	96	8853	1.93	ug/L		86
37) propionitrile	2.971	54	24804	18.98	ug/L		83
38) methyl acrylate	2.730	85	2120	1.79	ug/L	#	69
39) bromochloromethane	2.656	128	3778	1.89	ug/L		93
40) tetrahydrofuran	2.766	71	1975	2.16	ug/L	#	64

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13677.D
Acq On : 2 Dec 2023 3:22 pm
Operator : PrashanS
Sample : IC376-2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 15:44:04 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	5094	1.89	ug/L		93
43) methacrylonitrile	2.987	67	5894	2.24	ug/L		86
44) 1,1,1-trichloroethane	2.798	97	12326	1.91	ug/L		96
45) cyclohexane	2.672	84	13974	2.01	ug/L		94
46) 1,1-dichloropropene	2.850	75	10989	1.95	ug/L		98
47) carbon tetrachloride	2.761	117	11017	1.83	ug/L		91
49) tert-amyl alcohol	3.086	55	3712	8.24	ug/L	#	86
52) iso-octane	2.903	57	26303	1.96	ug/L		81
53) benzene	2.976	78	33659	1.94	ug/L		96
54) tert-amyl methyl ether	3.013	73	25134	1.85	ug/L		95
55) heptane	2.939	57	3793	1.44	ug/L	#	76
56) isopropyl acetate	3.165	87	2483	2.10	ug/L	#	86
57) 1,2-dichloroethane	3.076	62	12596	1.92	ug/L		95
58) n-butyl alcohol	3.401	56	29728	89.97	ug/L		97
59) ethyl acrylate	3.537	55	14052	1.88	ug/L		99
60) trichloroethene	3.275	130	8880	2.08	ug/L		87
61) 2-nitropropane	4.219	41	3851	1.61	ug/L	#	69
62) 2-chloroethyl vinyl ether	3.894	63	14963	7.65	ug/L		98
63) methyl methacrylate	3.652	100	2513	1.92	ug/L	#	79
64) 1,2-dichloropropane	3.553	63	8336	1.89	ug/L		93
65) methylcyclohexane	3.280	98	6317	1.88	ug/L	#	19
66) dibromomethane	3.506	93	5102	1.95	ug/L		90
67) bromodichloromethane	3.584	83	9832	1.76	ug/L		97
68) epichlorohydrin	4.088	57	8525	9.31	ug/L	#	70
69) cis-1,3-dichloropropene	3.946	75	12778	1.95	ug/L		89
70) 4-methyl-2-pentanone	4.308	58	18788	7.71	ug/L		95
71) 3-methyl-1-butanol	4.161	70	9514	35.71	ug/L		90
74) toluene	4.093	92	20345	1.86	ug/L		94
75) ethyl methacrylate	4.428	69	11264	1.90	ug/L		93
76) trans-1,3-dichloropropene	4.339	75	12067	1.88	ug/L		99
77) 1,1,2-trichloroethane	4.444	83	5668	1.81	ug/L		89
78) tetrachloroethene	4.339	166	8509	1.97	ug/L		96
79) 2-hexanone	4.848	58	21217	7.43	ug/L		98
80) 1,3-dichloropropane	4.622	76	12741	1.84	ug/L		98
81) butyl acetate	4.785	56	7232	1.89	ug/L		89
82) dibromochloromethane	4.560	129	6788	1.82	ug/L		98
83) 1,2-dibromoethane	4.722	107	7399	1.88	ug/L		99
84) n-butyl ether	4.989	57	38305	1.91	ug/L		98
85) chlorobenzene	5.073	112	21715	1.89	ug/L		95
86) 1,1,1,2-tetrachloroethane	5.110	131	6764	1.87	ug/L		84
87) ethylbenzene	5.084	91	40689	1.80	ug/L		98
88) m,p-xylene	5.189	106	29916	3.73	ug/L		93
89) o-xylene	5.493	106	14734	2.00	ug/L		85
90) styrene	5.524	104	23152	1.88	ug/L		94
91) bromoform	5.545	173	4553	1.80	ug/L		96
92) butyl acrylate	5.613	55	18524	1.83	ug/L		97
93) isopropylbenzene	5.718	105	34812	1.98	ug/L		96
94) n-amyl acetate	5.802	70	6783	1.88	ug/L		98
95) cis-1,4-dichloro-2-butene	5.970	88	3841	1.78	ug/L		92
98) bromobenzene	6.007	156	9209	1.95	ug/L		94
99) 1,1,2,2-tetrachloroethane	6.075	83	9850	1.88	ug/L		97
100) trans-1,4-dichloro-2-b...	6.206	53	3882	1.76	ug/L		92
101) 1,2,3-trichloropropane	6.180	110	3266	1.88	ug/L		93
102) n-propylbenzene	6.028	91	41544	1.80	ug/L		97
103) 2-chlorotoluene	6.143	126	8889	2.06	ug/L		90
104) 4-chlorotoluene	6.269	91	26993	1.85	ug/L		98
105) 1,3,5-trimethylbenzene	6.174	105	29612	1.94	ug/L		98
106) tert-butylbenzene	6.421	119	25146	1.95	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13677.D
Acq On : 2 Dec 2023 3:22 pm
Operator : PrashanS
Sample : IC376-2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 15:44:04 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

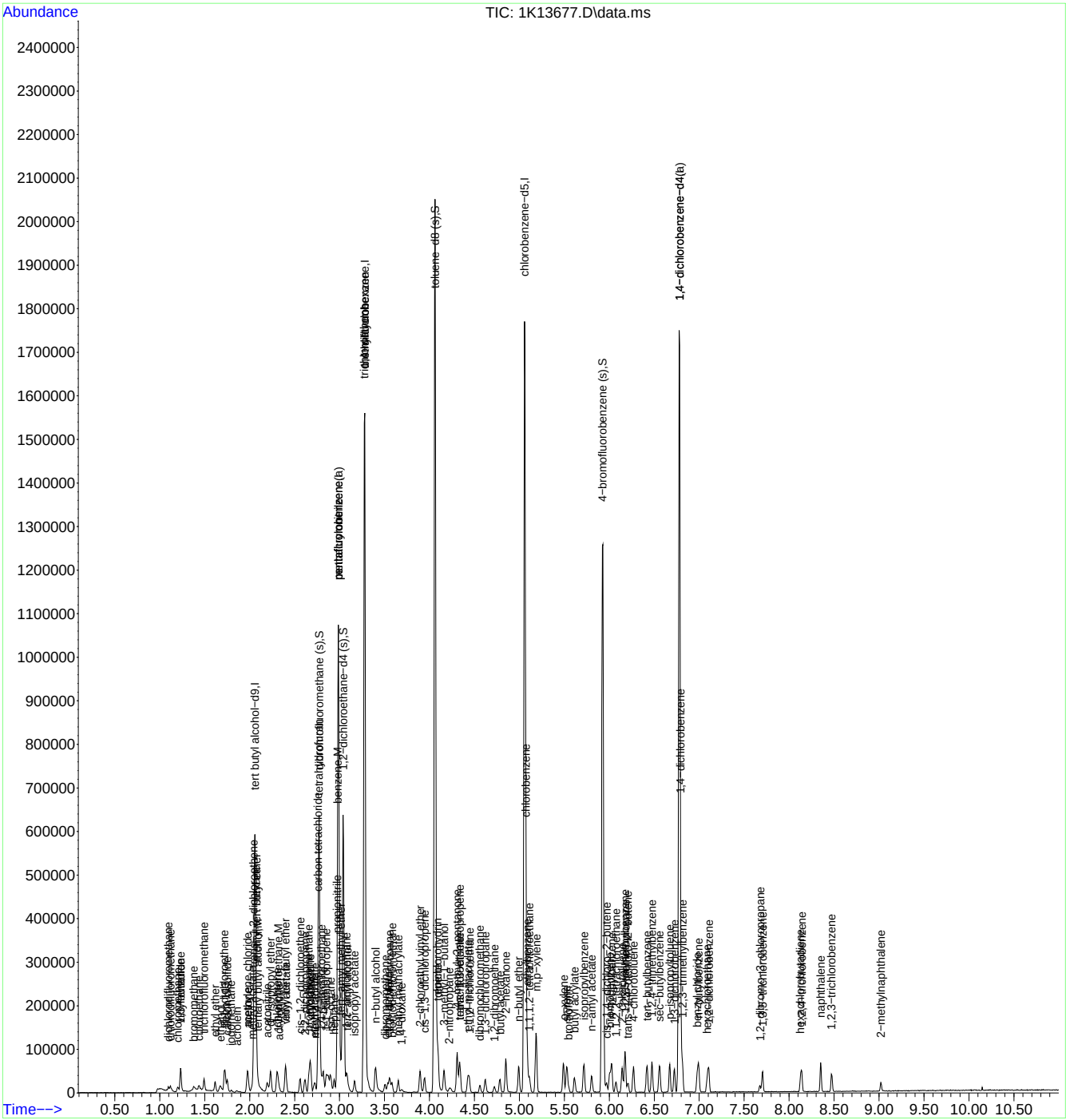
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-trimethylbenzene	6.473	105	30771	1.96	ug/L	97
108) sec-butylbenzene	6.557	105	34970	1.94	ug/L	97
109) 1,3-dichlorobenzene	6.725	146	18154	1.98	ug/L	96
110) p-isopropyltoluene	6.673	119	29788	1.97	ug/L	98
111) 1,4-dichlorobenzene	6.793	146	18168	1.95	ug/L	96
112) 1,2-dichlorobenzene	7.108	146	16690	1.91	ug/L	98
113) 1,2,3-trimethylbenzene	6.814	105	31566	1.89	ug/L	97
114) n-butylbenzene	6.992	92	15889	1.95	ug/L	95
115) 1,2-dibromo-3-chloropr...	7.679	157	3125	1.77	ug/L	97
116) 1,3,5-trichlorobenzene	7.705	180	11183	1.93	ug/L	98
117) 1,2,4-trichlorobenzene	8.141	180	10061	1.91	ug/L	94
118) hexachlorobutadiene	8.125	225	3588	2.02	ug/L	94
119) naphthalene	8.350	128	33286	1.79	ug/L	97
120) 1,2,3-trichlorobenzene	8.471	180	9082	1.87	ug/L	94
121) hexachloroethane	7.087	119	3866	1.89	ug/L	93
122) benzyl chloride	6.977	126	4173	1.80	ug/L	100
123) 2-methylnaphthalene	9.021	142	6626	0.93	ug/L	98

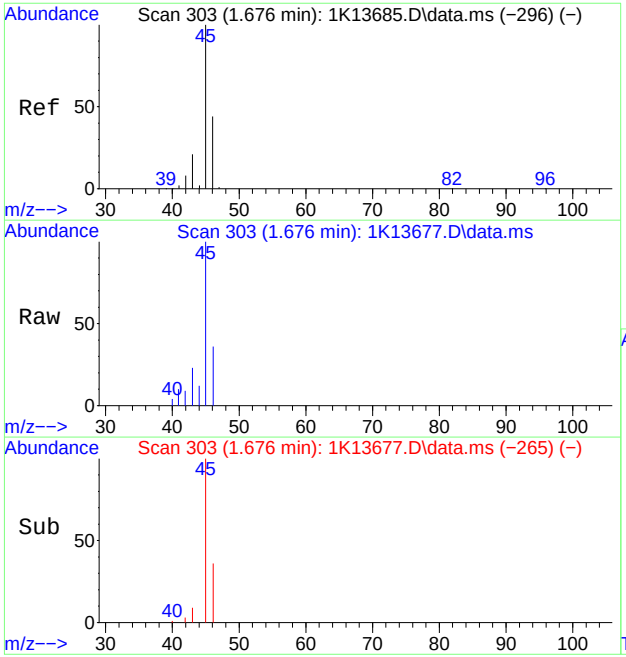
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13677.D
Acq On : 2 Dec 2023 3:22 pm
Operator : PrashanS
Sample : IC376-2
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 15:44:04 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

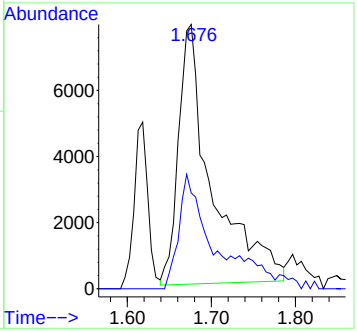


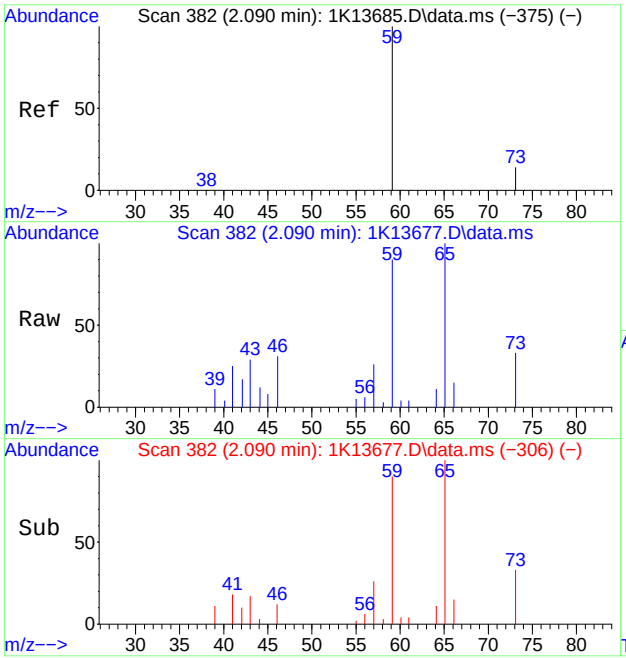


#2
ethanol
Concen: 194.33 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 45 Resp: 21860

Ion	Ratio	Lower	Upper
45	100		
46	37.5	23.9	63.9

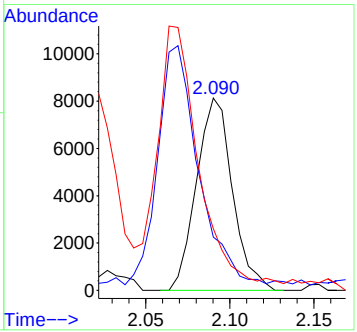


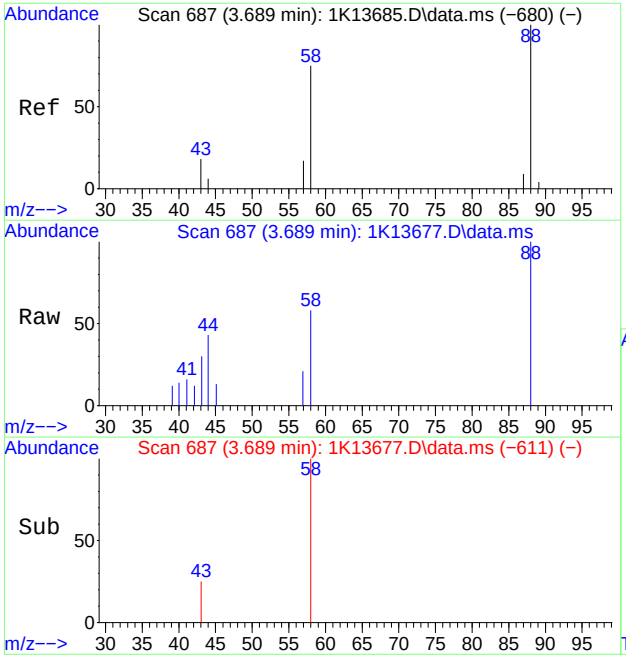


#3
tertiary butyl alcohol
Concen: 9.74 ug/L
RT: 2.090 min Scan# 382
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 59 Resp: 12091

Ion	Ratio	Lower	Upper
59	100		
41	23.2	0.0	30.0
43	28.6	0.0	54.8

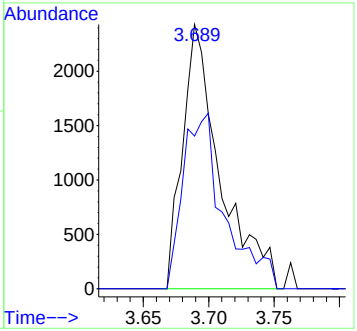


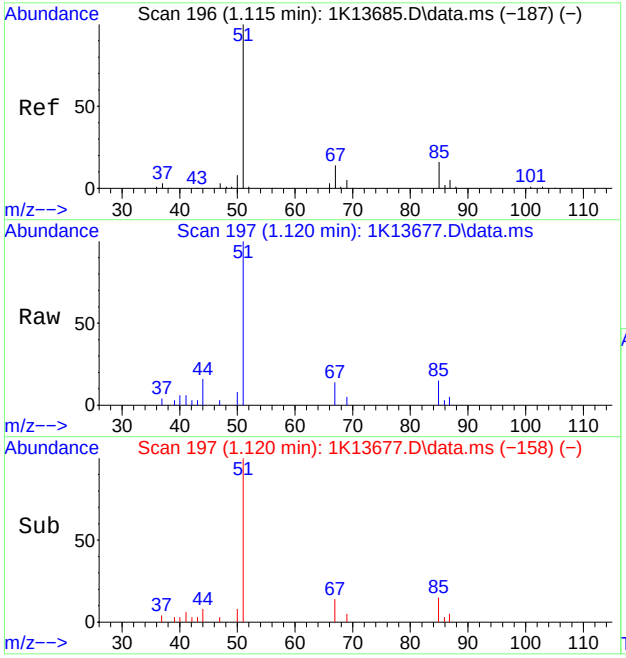


#4
1,4-dioxane
Concen: 52.13 ug/L
RT: 3.689 min Scan# 687
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 88 Resp: 4882

Ion	Ratio	Lower	Upper
88	100		
58	57.8	59.5	99.5#

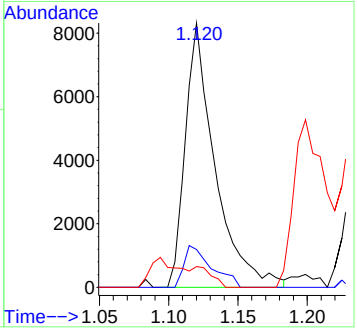




#6
chlorodifluoromethane
Concen: 1.92 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

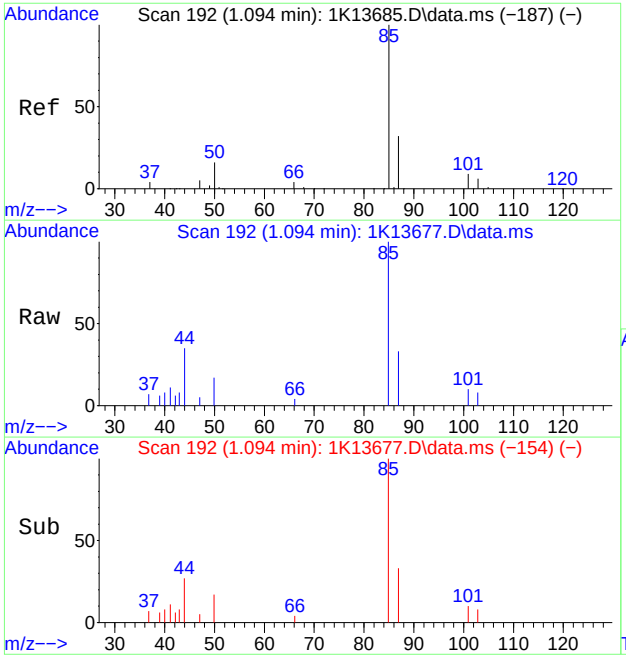
Tgt Ion: 51 Resp: 12487

Ion	Ratio	Lower	Upper
51	100		
67	14.3	0.0	44.3
50	1.5	0.0	37.7



7.6.17

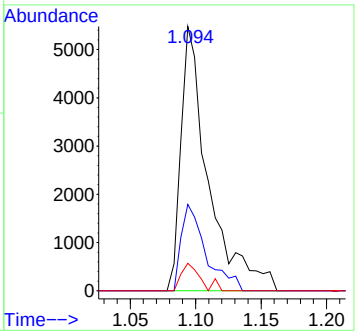
7

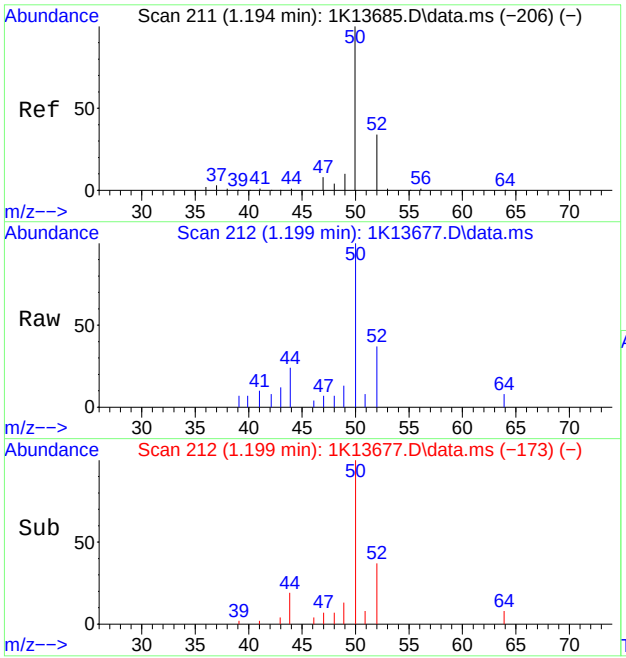


#7
dichlorodifluoromethane
Concen: 2.25 ug/L
RT: 1.094 min Scan# 192
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 85 Resp: 8038

Ion	Ratio	Lower	Upper
85	100		
87	32.7	2.2	62.2
101	10.5	0.0	39.0

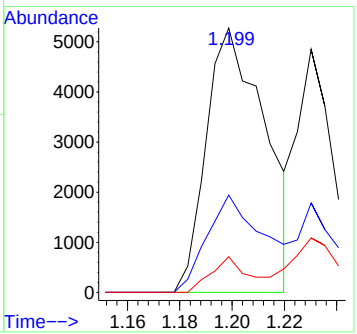


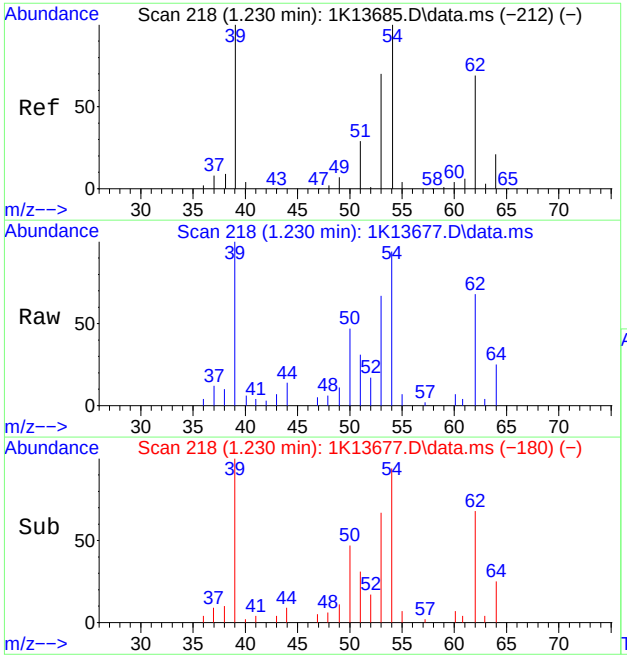


#8
chloromethane
Concen: 1.94 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 50 Resp: 8272

Ion	Ratio	Lower	Upper
50	100		
52	36.8	3.6	63.6
49	13.5	0.0	40.4

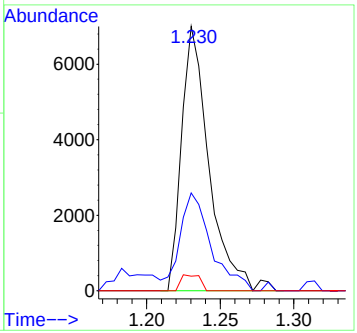


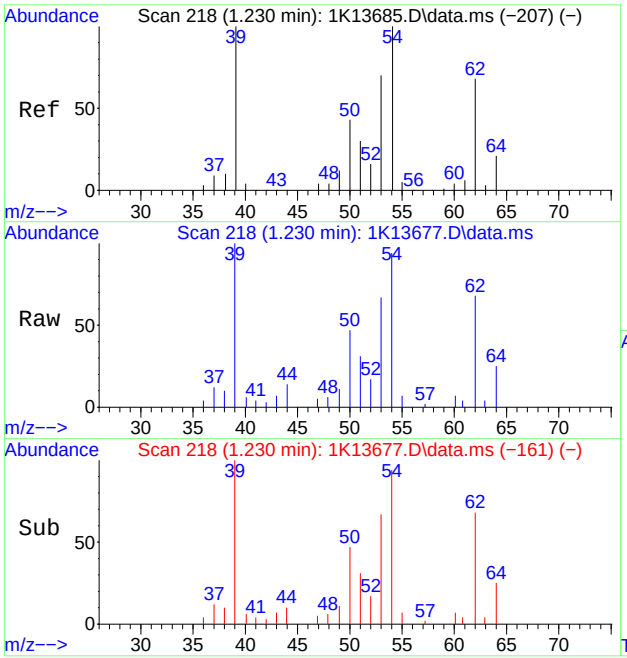


#9
vinyl chloride
Concen: 1.94 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 62 Resp: 9144

Ion	Ratio	Lower	Upper
62	100		
64	37.0	1.3	61.3
61	5.6	0.0	39.1

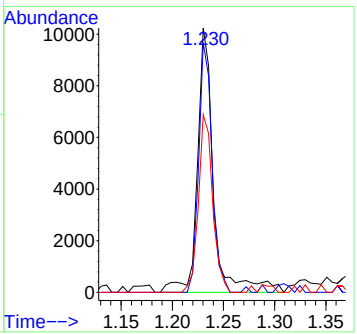


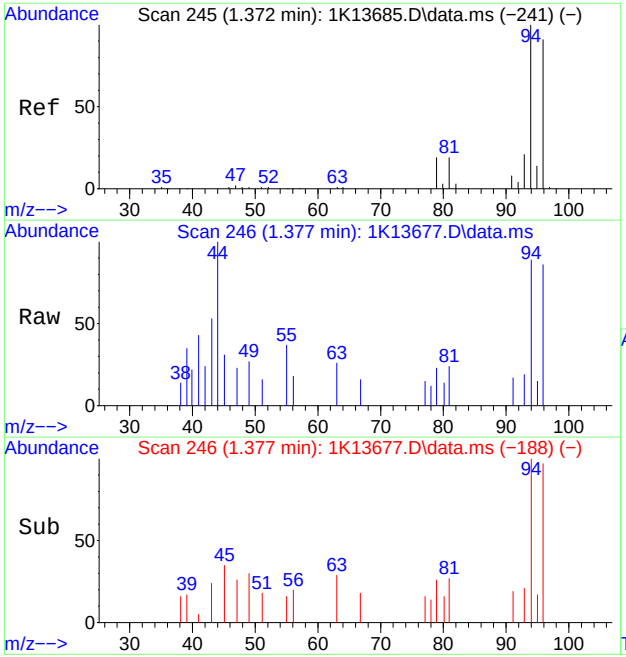


#10
1,3-butadiene
Concen: 2.03 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 39 Resp: 11273

Ion	Ratio	Lower	Upper
39	100		
54	94.5	69.8	129.8
53	67.2	40.1	100.1

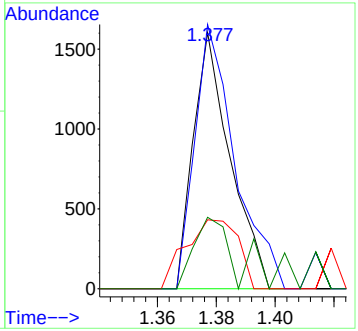


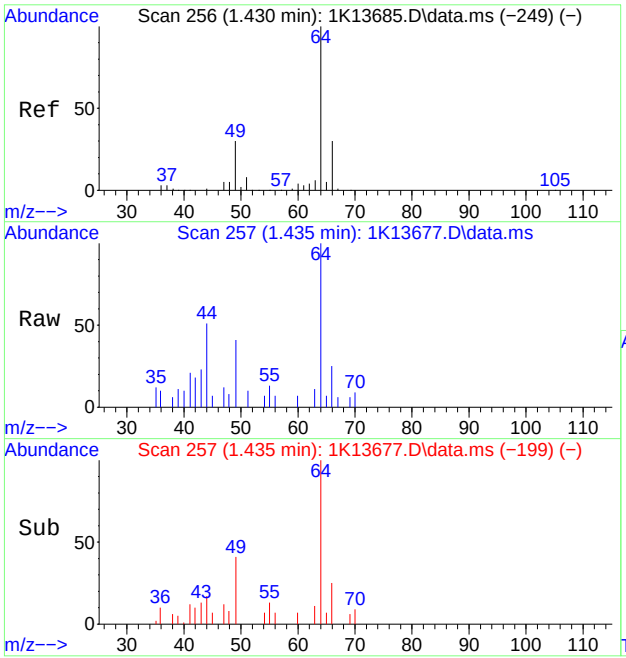


#11
bromomethane
Concen: 1.51 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 96 Resp: 1400

Ion	Ratio	Lower	Upper
96	100		
94	103.2	79.4	139.4
79	26.9	20.3	20.3#
81	27.9	0.9	40.9

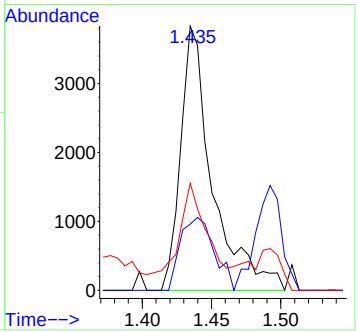


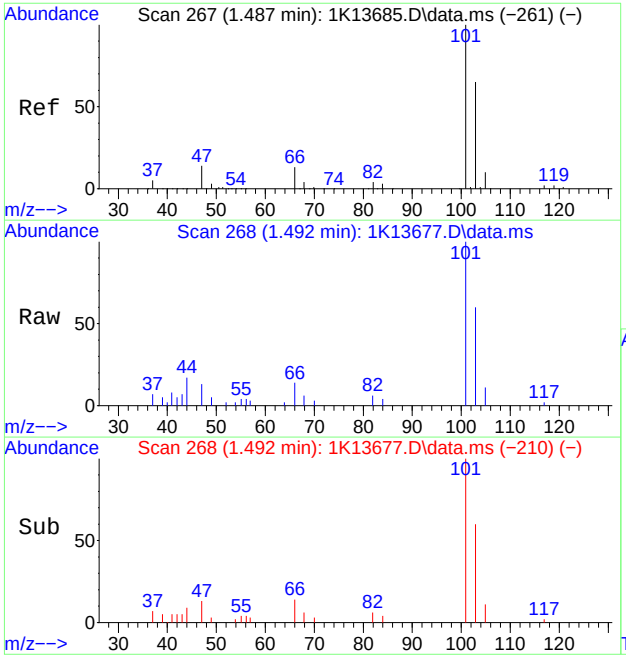


#12
chloroethane
Concen: 2.18 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 64 Resp: 6130

Ion	Ratio	Lower	Upper
64	100		
66	25.0	0.2	60.2
49	34.4	0.3	60.3

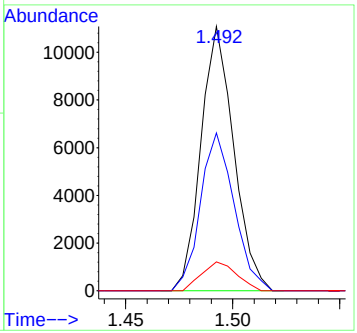


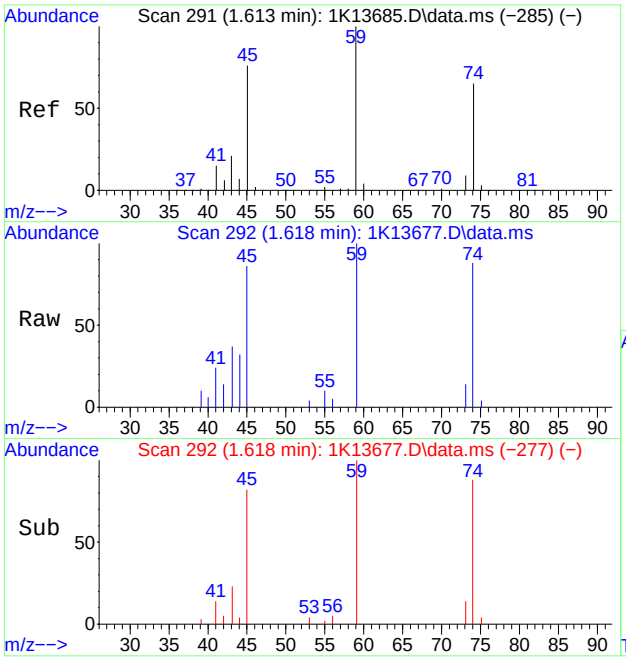


#13
trichlorofluoromethane
Concen: 2.15 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:101 Resp: 11841

Ion	Ratio	Lower	Upper
101	100		
103	59.7	35.0	95.0
105	11.0	0.0	40.5

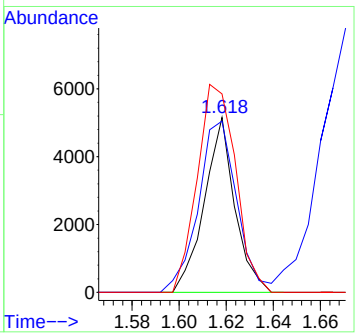


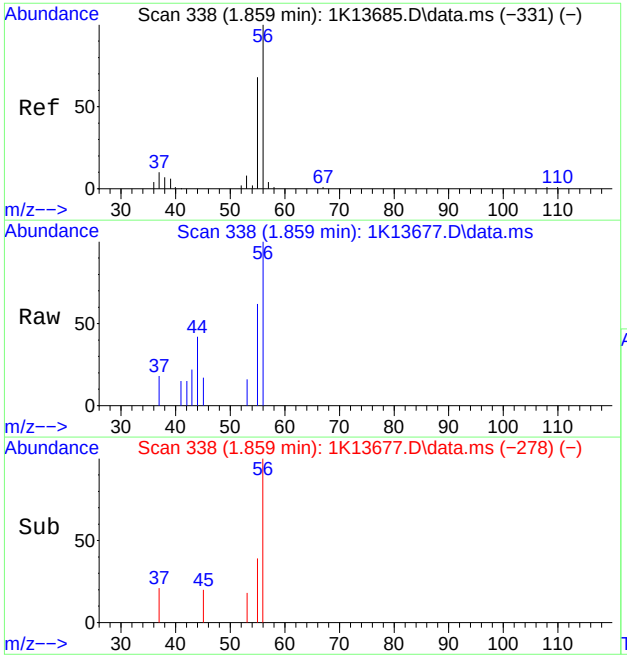


#14
ethyl ether
Concen: 1.94 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 74 Resp: 4657

Ion	Ratio	Lower	Upper
74	100		
45	97.9	87.4	147.4
59	113.4	124.0	184.0#

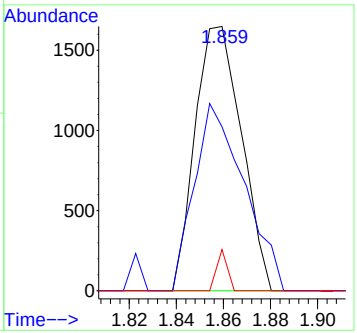


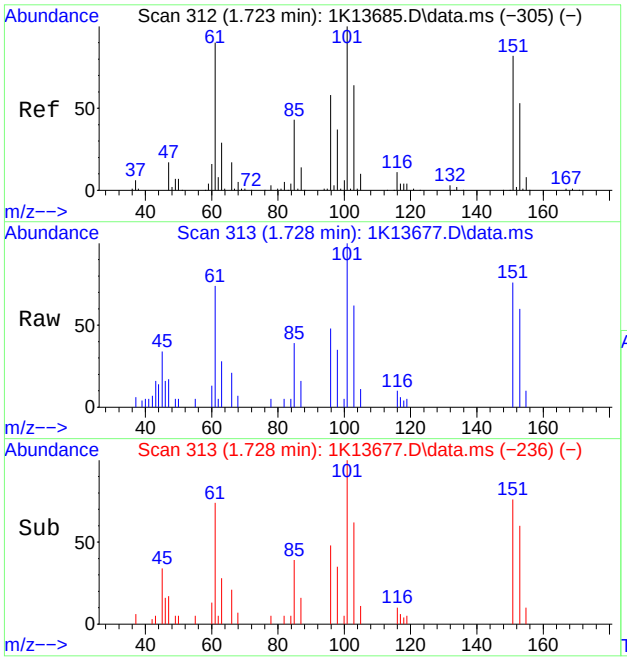


#15
acrolein
Concen: 1.94 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 56 Resp: 2264

Ion	Ratio	Lower	Upper
56	100		
55	62.0	38.3	98.3
53	15.6	0.0	38.3

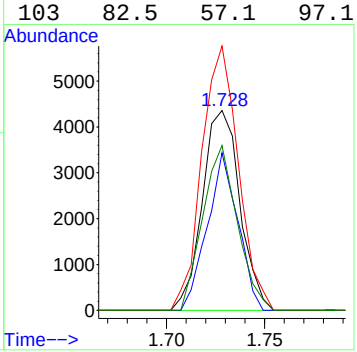




#16
freon 113
Concen: 1.94 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

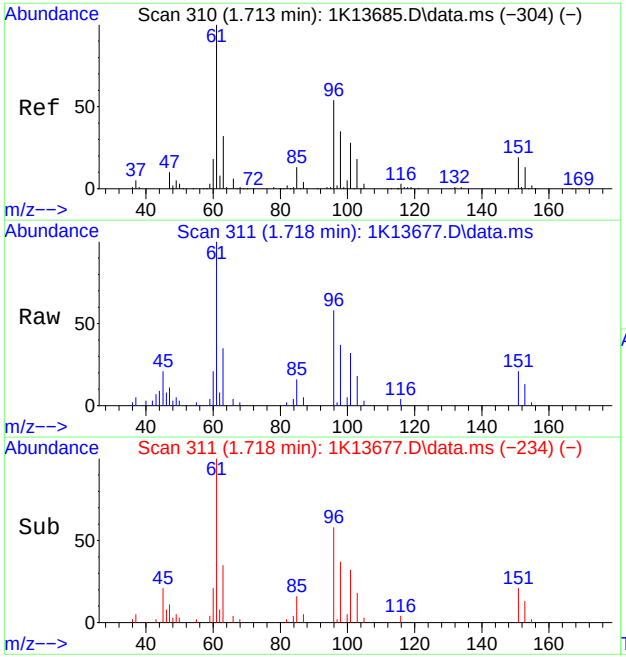
Tgt Ion:151 Resp: 5806

Ion	Ratio	Lower	Upper
151	100		
153	78.8	44.1	84.1
101	132.4	101.5	141.5
103	82.5	57.1	97.1



7.6.17

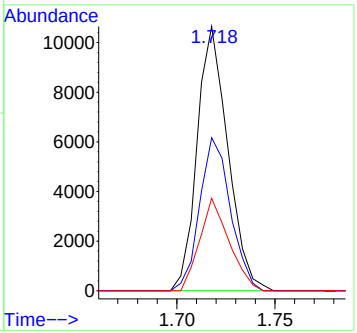
7

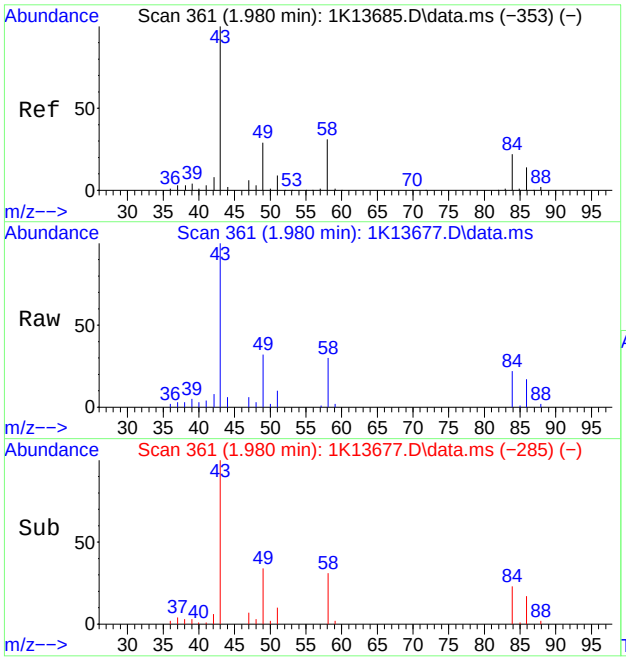


#17
1,1-dichloroethene
Concen: 1.96 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 61 Resp: 11612

Ion	Ratio	Lower	Upper
61	100		
96	57.9	24.4	84.4
63	35.0	2.1	62.1

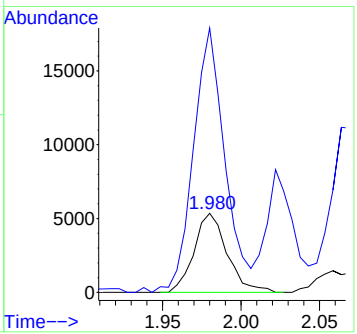


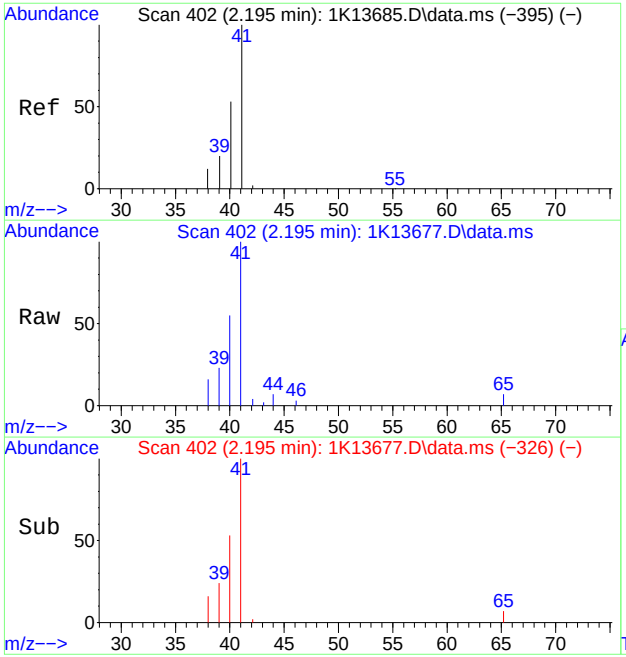


#18
acetone
Concen: 8.06 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 58 Resp: 7858

Ion	Ratio	Lower	Upper
58	100		
43	327.2	295.2	355.2

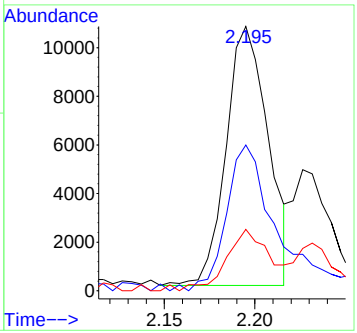


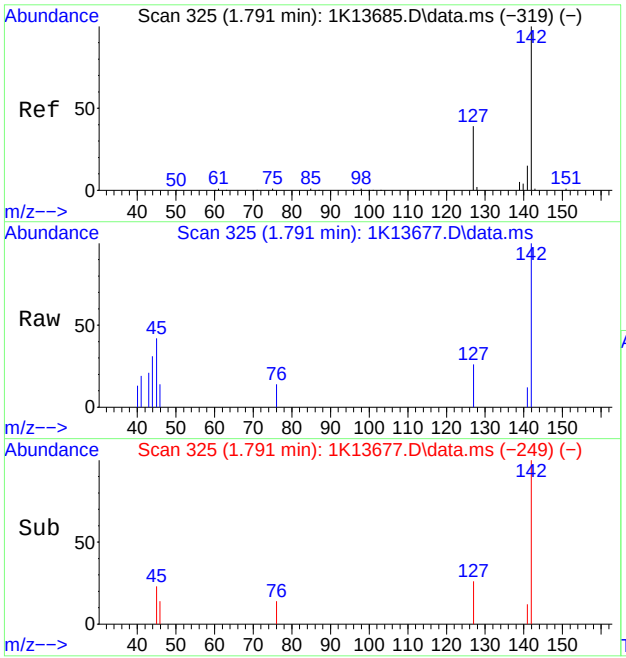


#19
acetonitrile
Concen: 20.71 ug/L
RT: 2.195 min Scan# 402
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 41 Resp: 17265

Ion	Ratio	Lower	Upper
41	100		
40	53.7	23.4	83.4
39	23.7	0.0	50.4

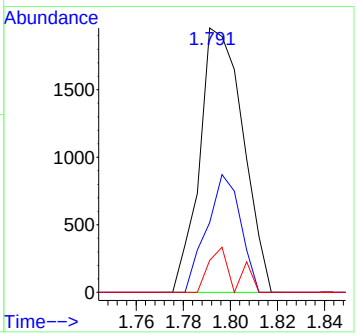


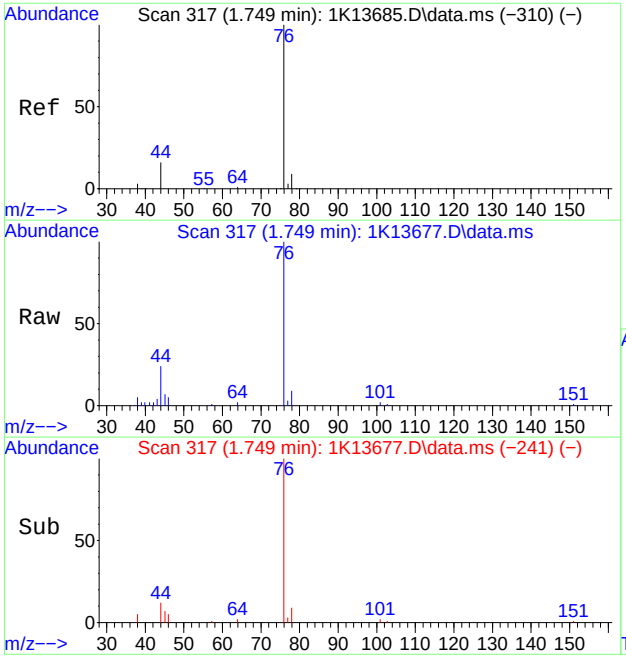


#20
iodomethane
Concen: 0.88 ug/L
RT: 1.791 min Scan# 325
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:142 Resp: 2513

Ion	Ratio	Lower	Upper
142	100		
127	26.4	8.7	68.7
141	12.1	0.0	44.9

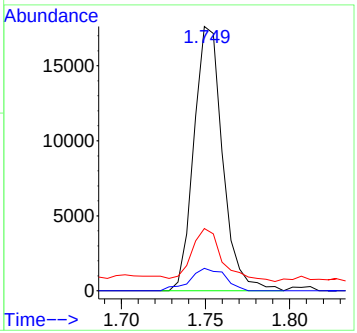


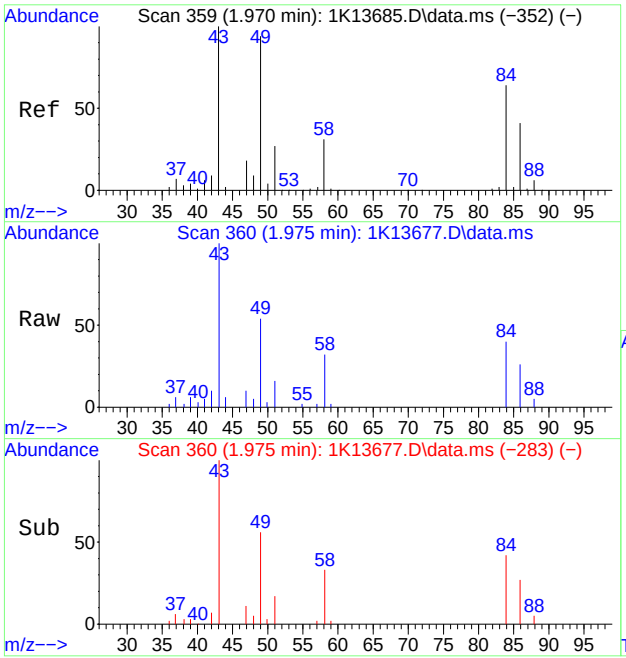


#21
carbon disulfide
Concen: 1.78 ug/L
RT: 1.749 min Scan# 317
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 76 Resp: 20961

Ion	Ratio	Lower	Upper
76	100		
78	8.5	0.0	39.2
44	19.1	0.0	46.4

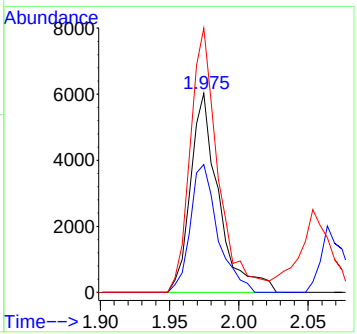


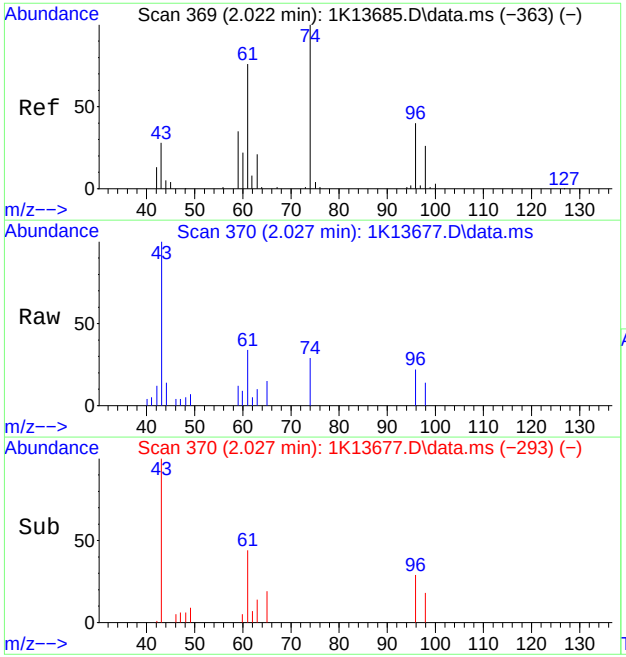


#22
methylene chloride
Concen: 1.95 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 84 Resp: 8541

Ion	Ratio	Lower	Upper
84	100		
86	64.3	33.4	93.4
49	132.9	117.1	177.1

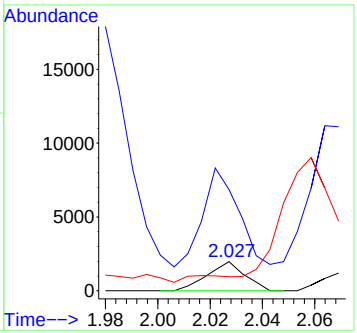


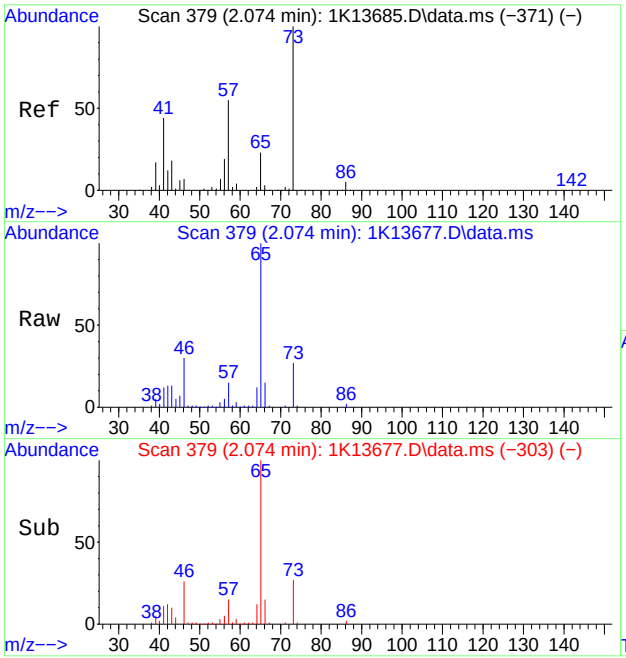


#23
methyl acetate
Concen: 1.81 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 74 Resp: 1967

Ion	Ratio	Lower	Upper
74	100		
43	245.4	397.4	457.4#
44	3.9	0.0	35.1

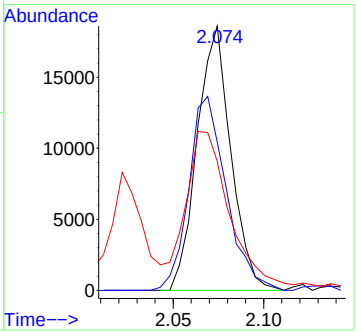


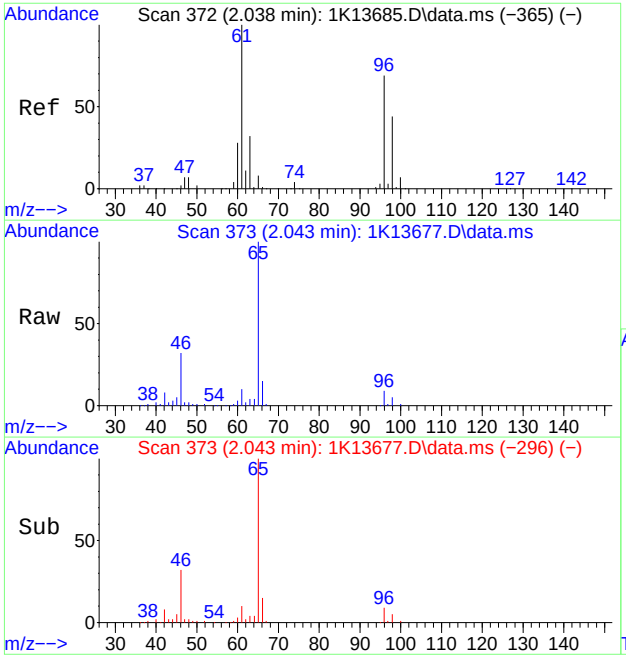


#24
methyl tert butyl ether
Concen: 1.92 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 73 Resp: 24072

Ion	Ratio	Lower	Upper
73	100		
57	56.1	25.1	85.1
43	46.0	12.1	72.1

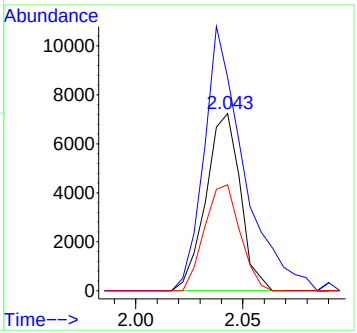


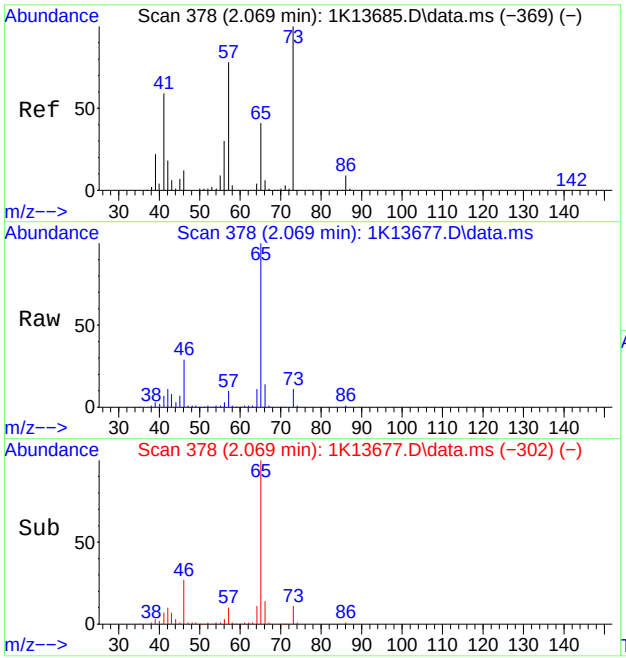


#25
trans-1,2-dichloroethene
Concen: 2.01 ug/L
RT: 2.043 min Scan# 373
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 96 Resp: 8098

Ion	Ratio	Lower	Upper
96	100		
61	120.4	115.9	175.9
98	59.7	34.7	94.7

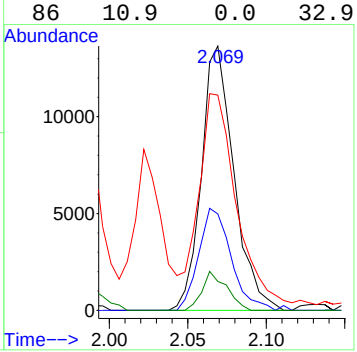


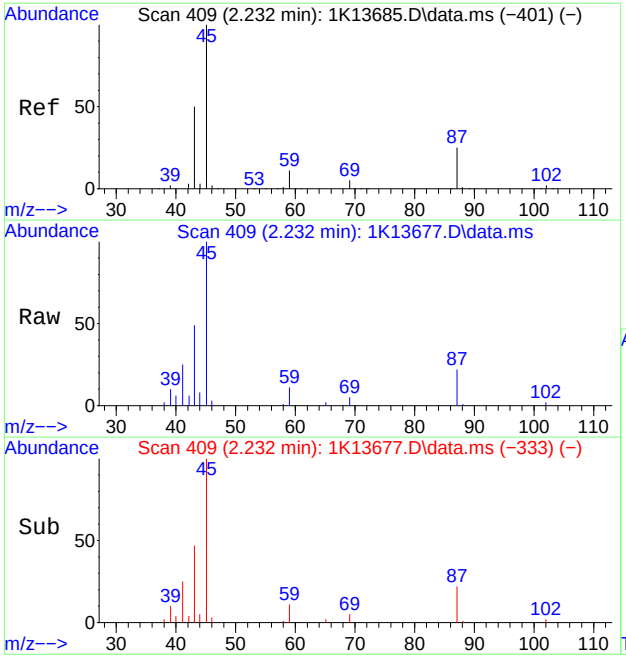


#26
hexane
Concen: 1.79 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 57 Resp: 19681

Ion	Ratio	Lower	Upper
57	100		
56	36.4	18.5	58.5
43	77.7	50.7	90.7
86	10.9	0.0	32.9

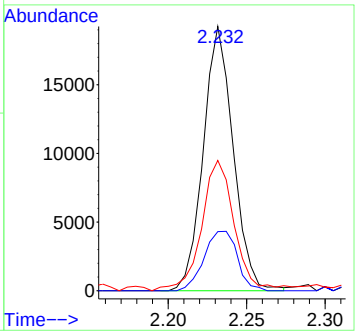


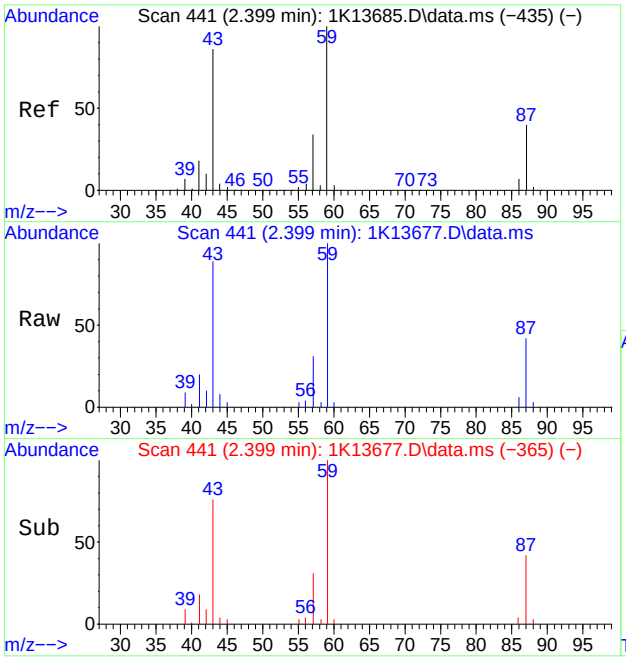


#27
di-isopropyl ether
Concen: 1.92 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 45 Resp: 25618

Ion	Ratio	Lower	Upper
45	100		
87	22.4	0.0	55.4
43	47.9	19.8	79.8

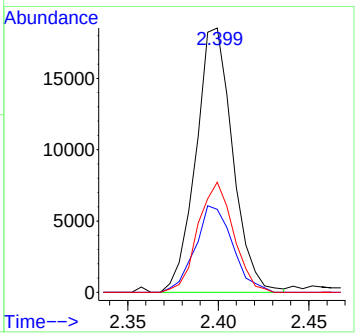


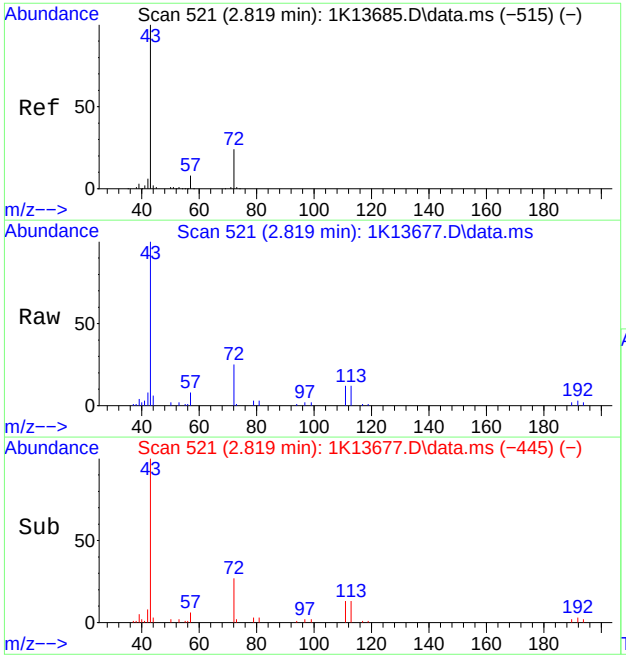


#28
ethyl tert-butyl ether
Concen: 1.90 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 59 Resp: 26140

Ion	Ratio	Lower	Upper
59	100		
57	31.4	3.4	63.4
87	41.6	9.9	69.9

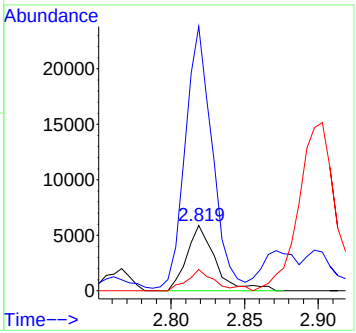


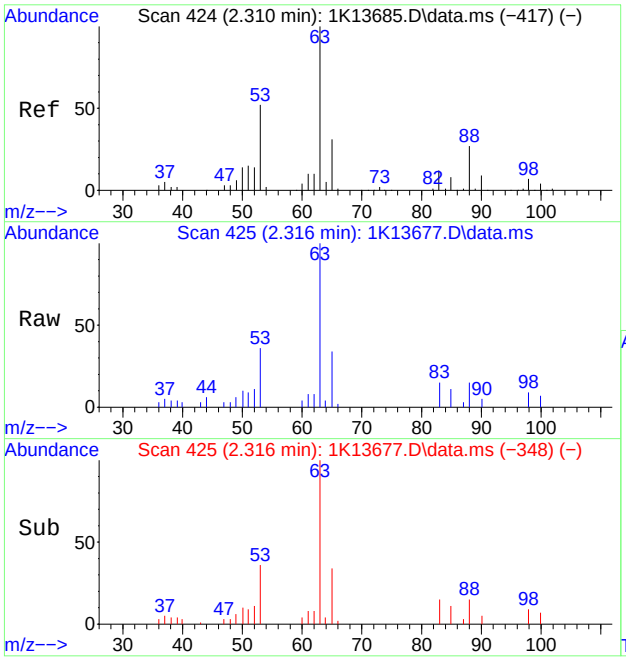


#29
2-butanone
Concen: 8.01 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 72 Resp: 7929

Ion	Ratio	Lower	Upper
72	100		
43	398.2	384.5	444.5
57	32.5	2.9	62.9

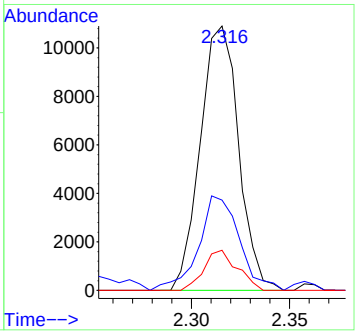


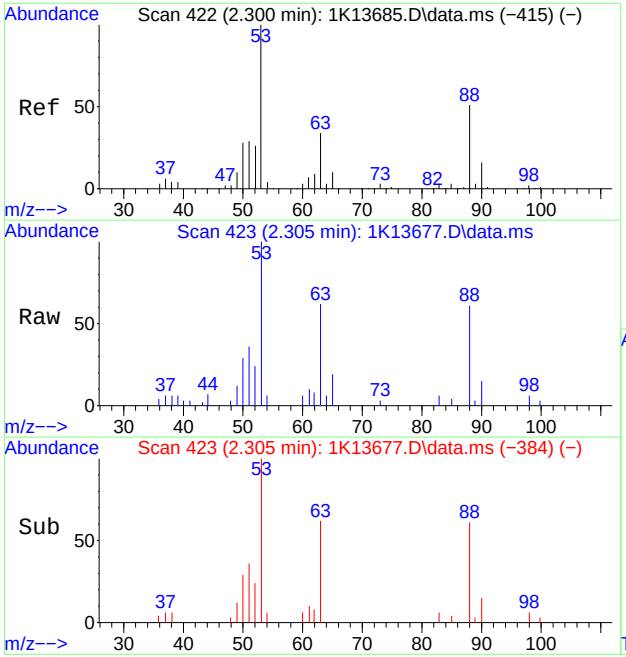


#30
1,1-dichloroethane
Concen: 1.90 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 63 Resp: 14872

Ion	Ratio	Lower	Upper
63	100		
65	34.2	0.6	60.6
83	15.2	0.0	41.8

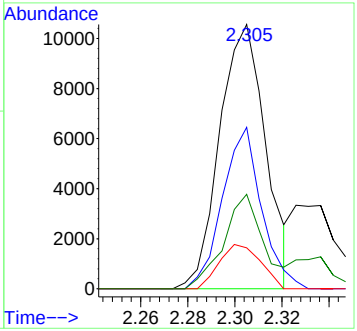


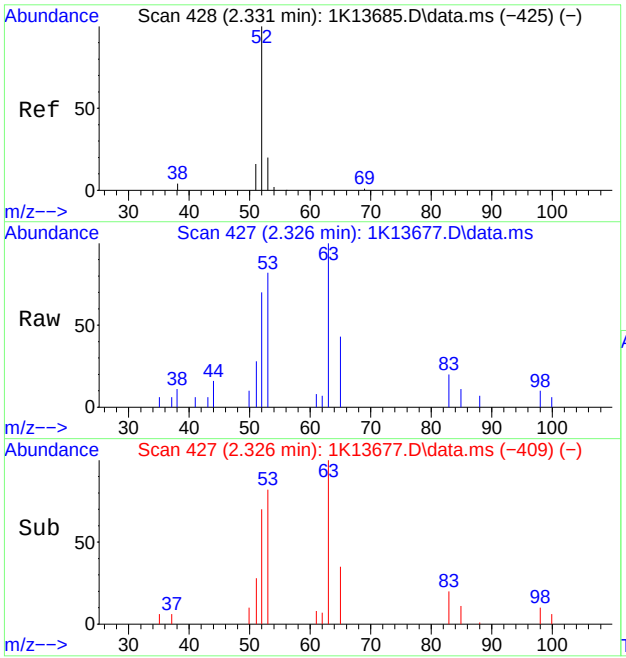


#31
chloroprene
Concen: 2.01 ug/L
RT: 2.305 min Scan# 423
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 53 Resp: 14373

Ion	Ratio	Lower	Upper
53	100		
88	61.1	21.4	81.4
90	15.5	0.0	46.1
51	35.8	0.0	59.4

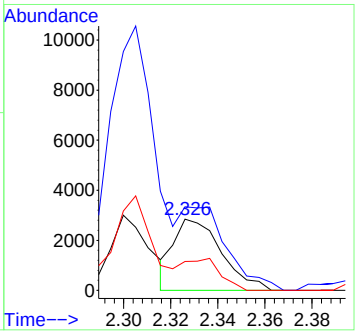


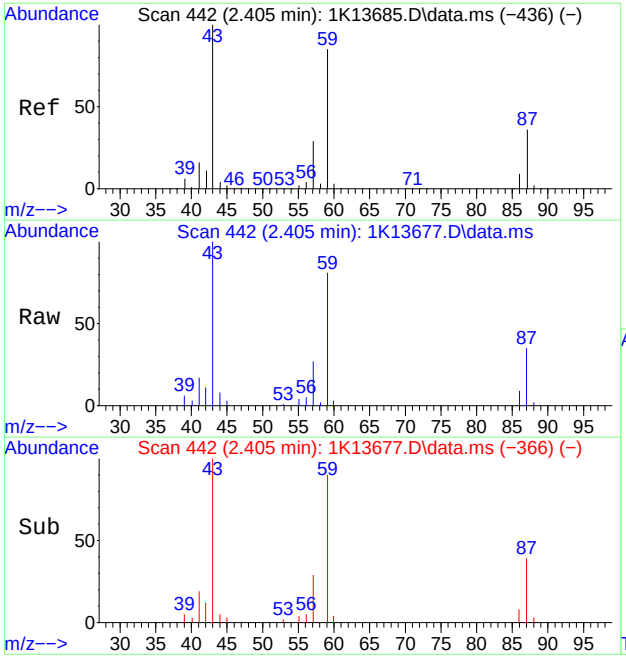


#32
acrylonitrile
Concen: 1.88 ug/L
RT: 2.326 min Scan# 427
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 52 Resp: 4019

Ion	Ratio	Lower	Upper
52	100		
53	117.2	92.8	152.8
51	40.7	13.6	73.6

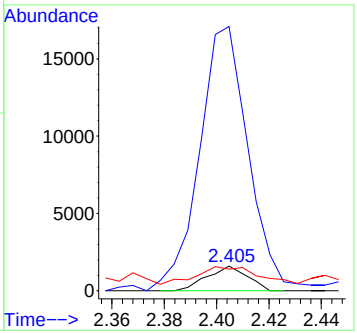


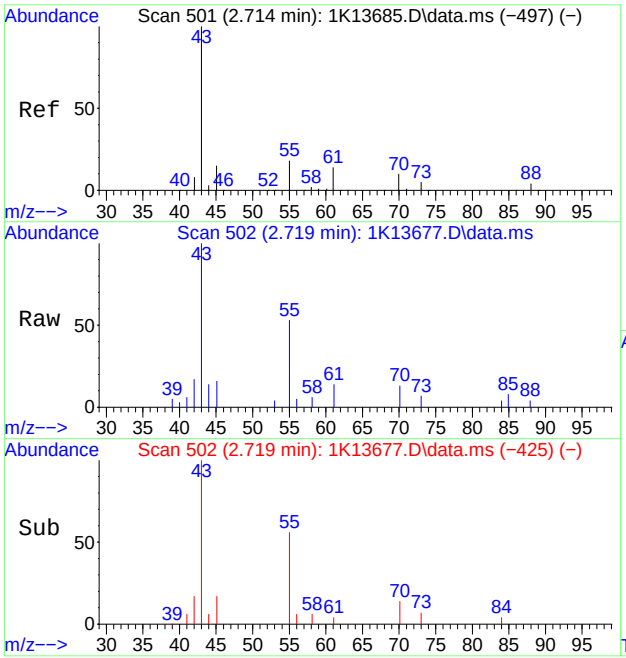


#33
vinyl acetate
Concen: 1.87 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 86 Resp: 1714

Ion	Ratio	Lower	Upper
86	100		
43	1037.9	1068.8	1128.8#
44	61.9	18.0	78.0

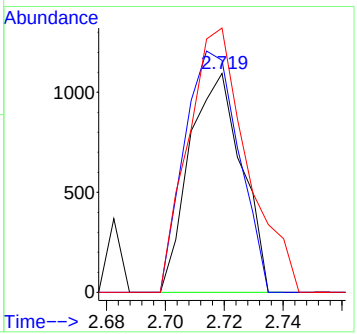


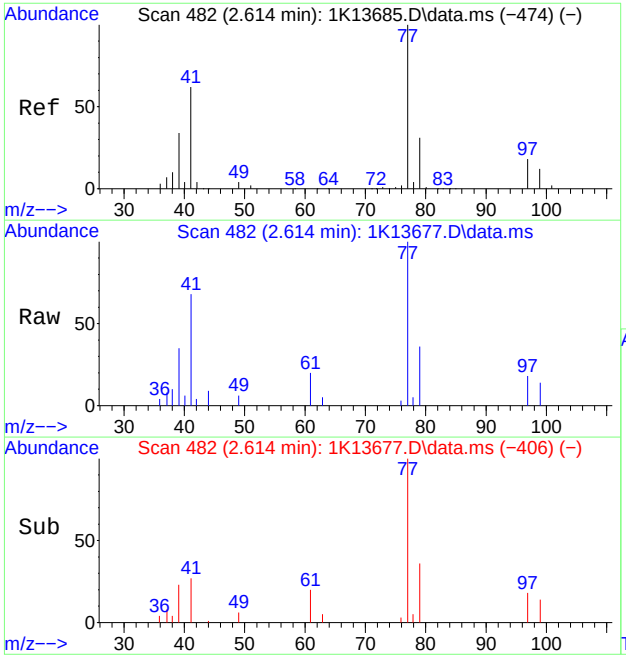


#34
ethyl acetate
Concen: 2.33 ug/L
RT: 2.719 min Scan# 502
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 70 Resp: 1354

Ion	Ratio	Lower	Upper
70	100		
61	105.9	104.9	164.9
45	120.7	117.8	177.8

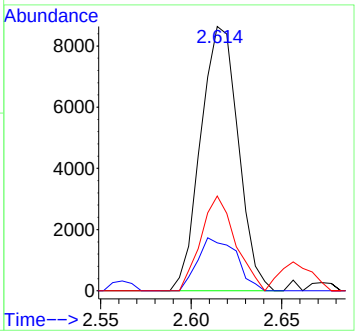


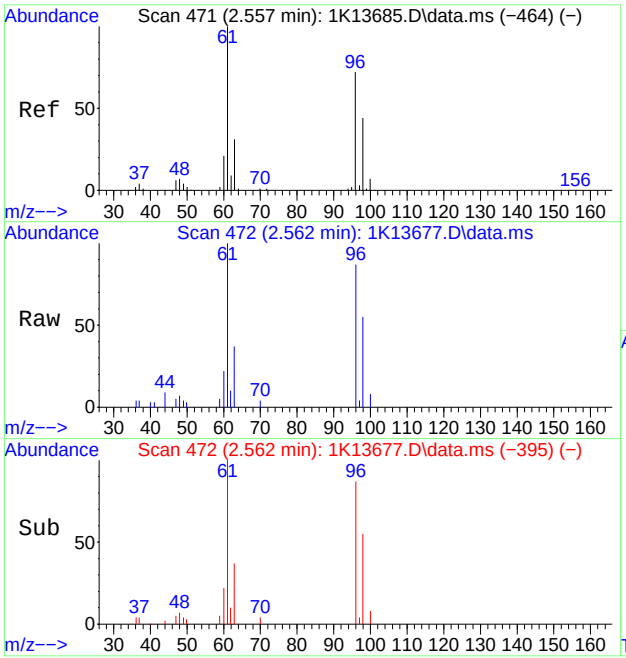


#35
2,2-dichloropropane
Concen: 1.94 ug/L
RT: 2.614 min Scan# 482
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 77 Resp: 12453

Ion	Ratio	Lower	Upper
77	100		
97	18.1	0.0	48.7
79	35.9	0.9	60.9

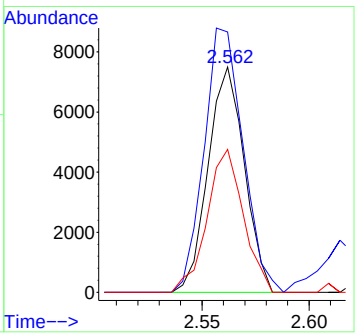




#36
cis-1,2-dichloroethene
Concen: 1.93 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

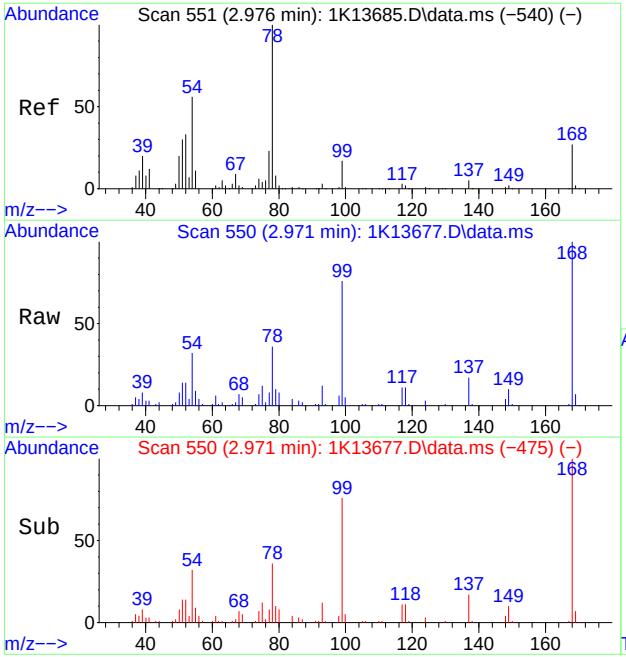
Tgt Ion: 96 Resp: 8853

Ion	Ratio	Lower	Upper
96	100		
61	115.5	108.4	168.4
98	63.5	31.4	91.4



7.6.17

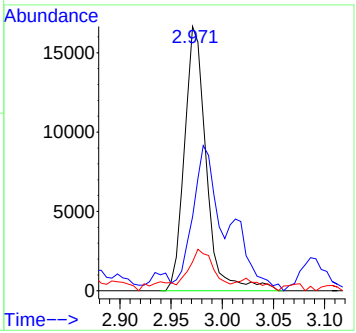
7

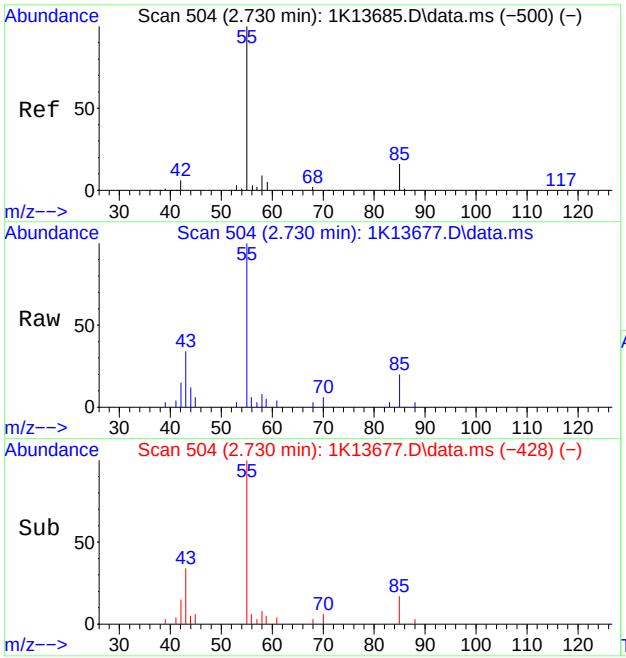


#37
propionitrile
Concen: 18.98 ug/L
RT: 2.971 min Scan# 550
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 54 Resp: 24804

Ion	Ratio	Lower	Upper
54	100		
55	28.0	0.0	48.9
40	9.1	0.0	45.0

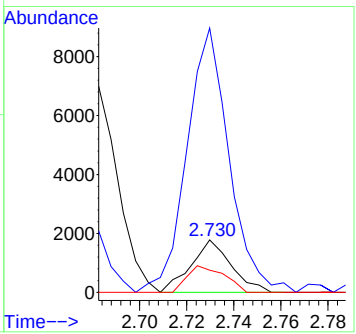




#38
methyl acrylate
Concen: 1.79 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

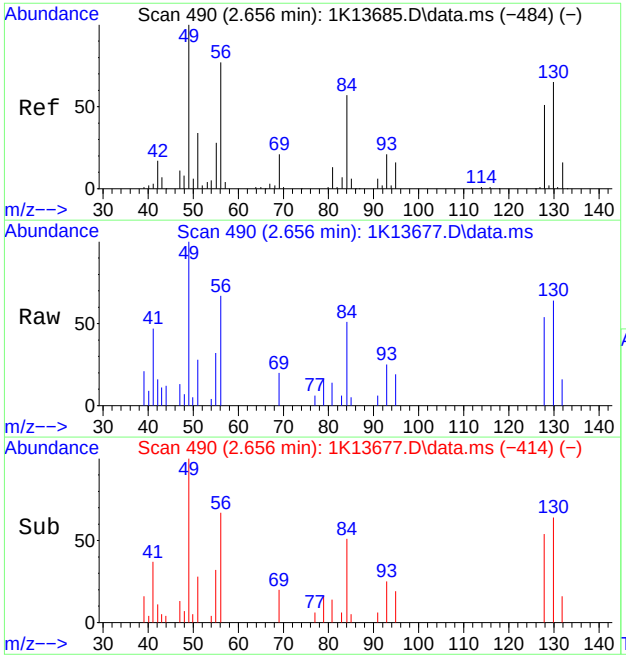
Tgt Ion: 85 Resp: 2120

Ion	Ratio	Lower	Upper
85	100		
55	485.1	566.6	606.6#
58	42.3	30.2	70.2



7.6.17

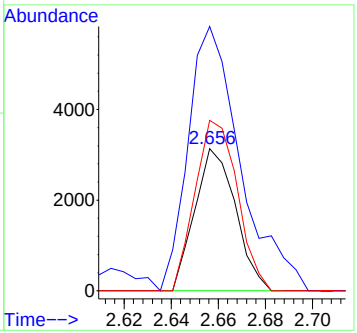
7

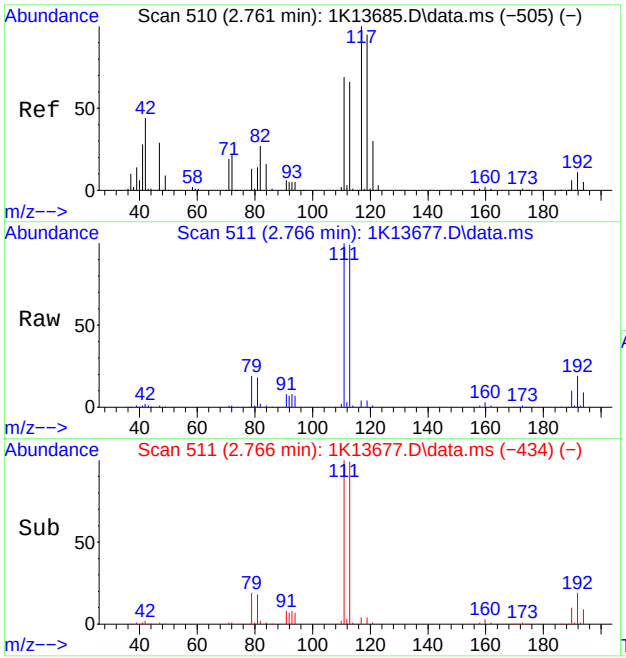


#39
bromochloromethane
Concen: 1.89 ug/L
RT: 2.656 min Scan# 490
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:128 Resp: 3778

Ion	Ratio	Lower	Upper
128	100		
49	186.1	166.7	226.7
130	120.0	97.3	157.3

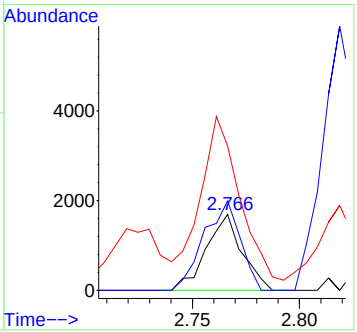


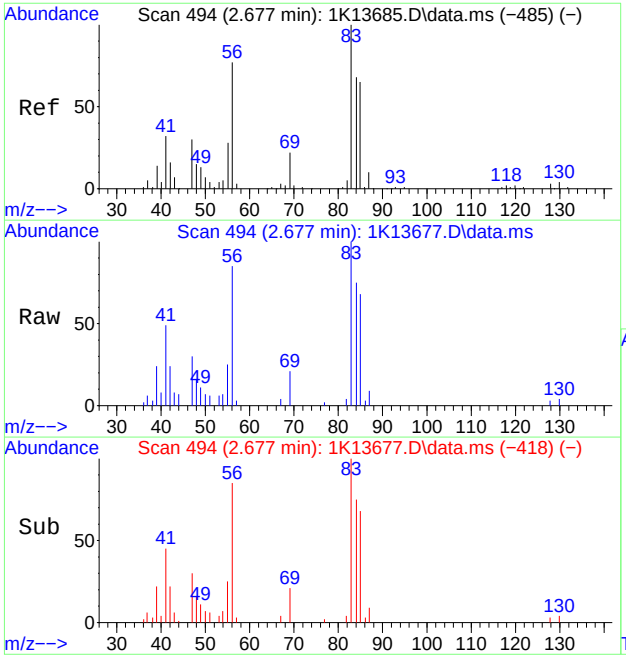


#40
tetrahydrofuran
Concen: 2.16 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 71 Resp: 1975

Ion	Ratio	Lower	Upper
71	100		
72	117.8	87.2	147.2
42	176.7	242.1	302.1#

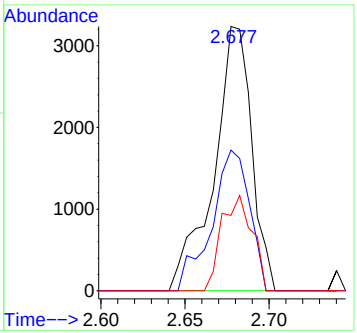


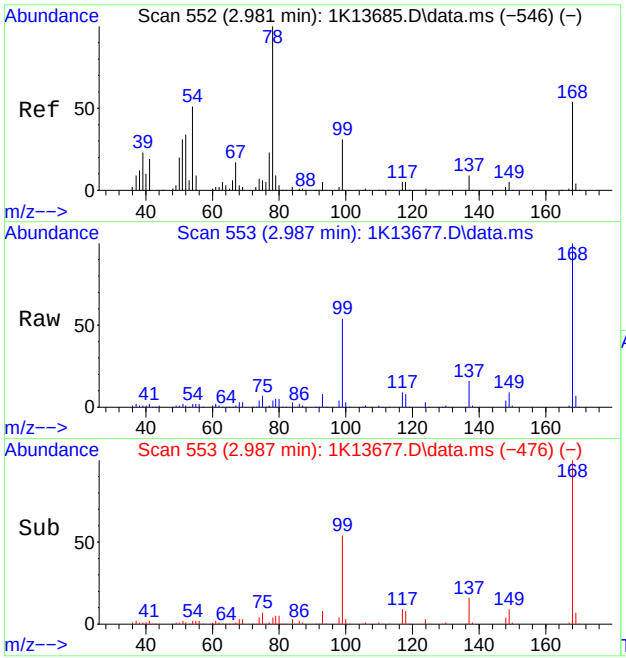


#41
chloroform
Concen: 1.89 ug/L
RT: 2.677 min Scan# 494
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 47 Resp: 5094

Ion	Ratio	Lower	Upper
47	100		
48	53.2	19.0	79.0
87	28.5	3.4	63.4

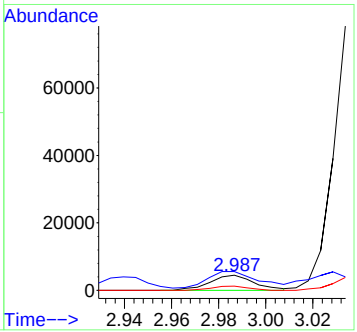




#43
methacrylonitrile
Concen: 2.24 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

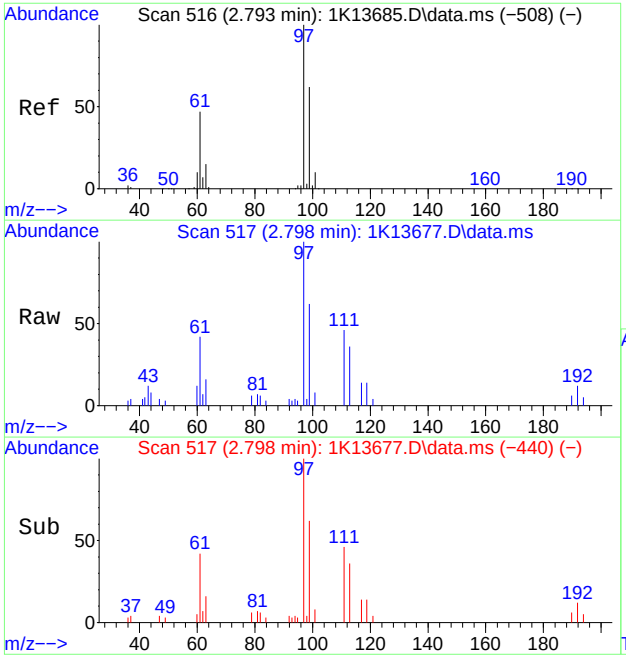
Tgt Ion: 67 Resp: 5894

Ion	Ratio	Lower	Upper
67	100		
41	98.8	85.4	145.4
66	29.1	4.8	64.8



7.6.17

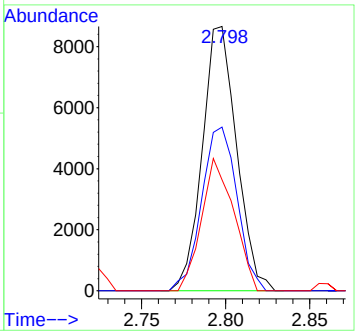
7

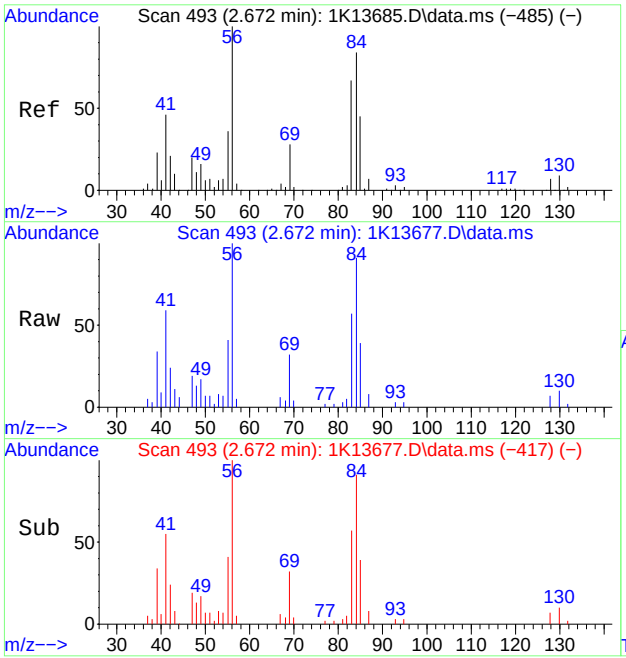


#44
1,1,1-trichloroethane
Concen: 1.91 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 97 Resp: 12326

Ion	Ratio	Lower	Upper
97	100		
99	61.9	32.2	92.2
61	42.0	17.7	77.7

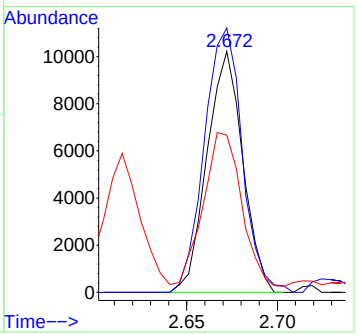


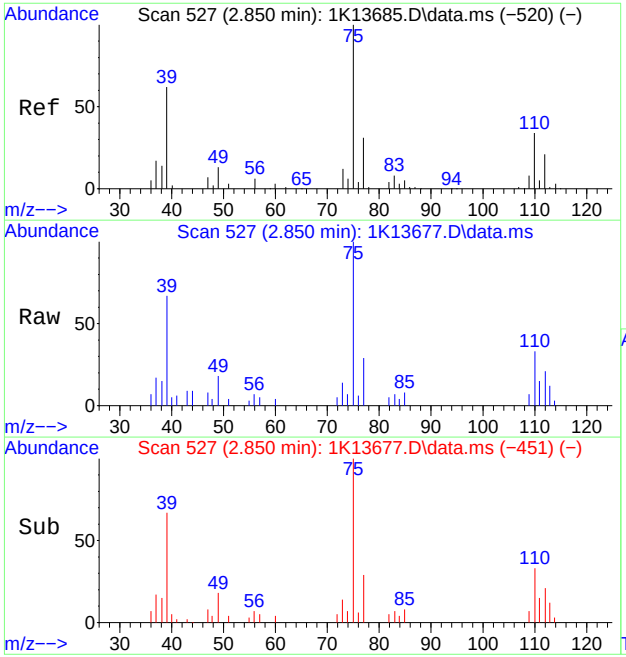


#45
cyclohexane
Concen: 2.01 ug/L
RT: 2.672 min Scan# 493
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 84 Resp: 13974

Ion	Ratio	Lower	Upper
84	100		
56	109.7	98.6	138.6
41	62.8	43.8	83.8

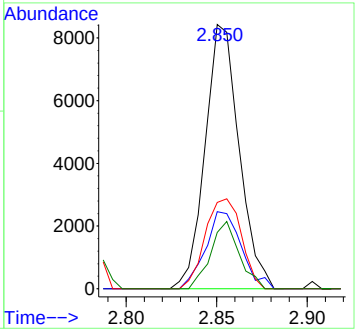


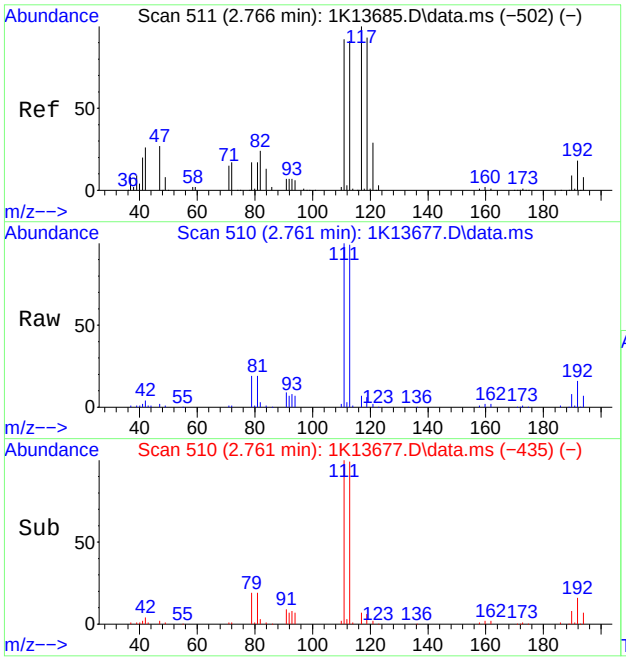


#46
1,1-dichloropropene
Concen: 1.95 ug/L
RT: 2.850 min Scan# 527
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 75 Resp: 10989

Ion	Ratio	Lower	Upper
75	100		
77	29.1	11.3	51.3
110	32.7	14.2	54.2
112	21.3	1.3	41.3

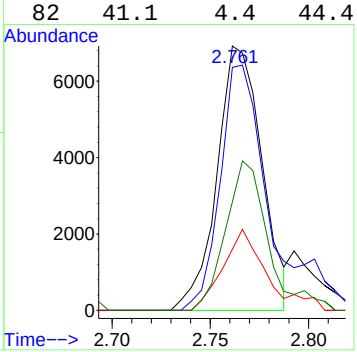




#47
carbon tetrachloride
Concen: 1.83 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

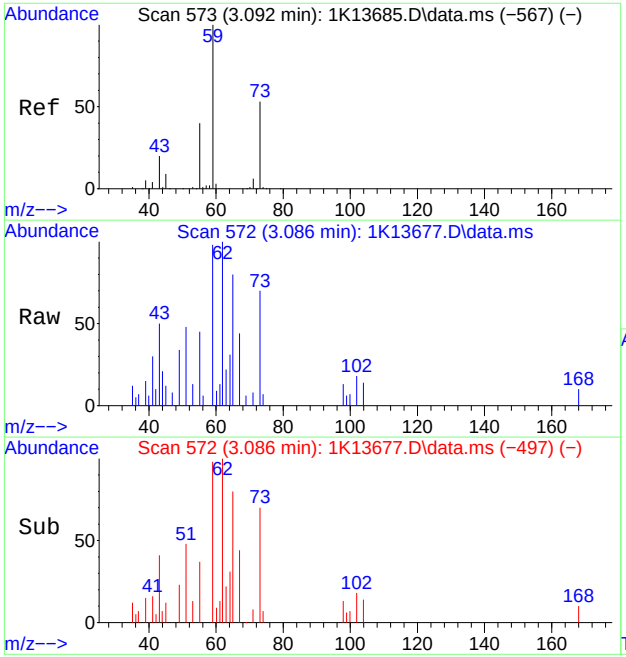
Tgt Ion:117 Resp: 11017

Ion	Ratio	Lower	Upper
117	100		
119	91.9	73.1	113.1
121	23.1	9.4	49.4
82	41.1	4.4	44.4



7.6.17

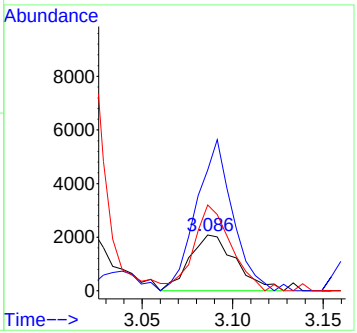
7

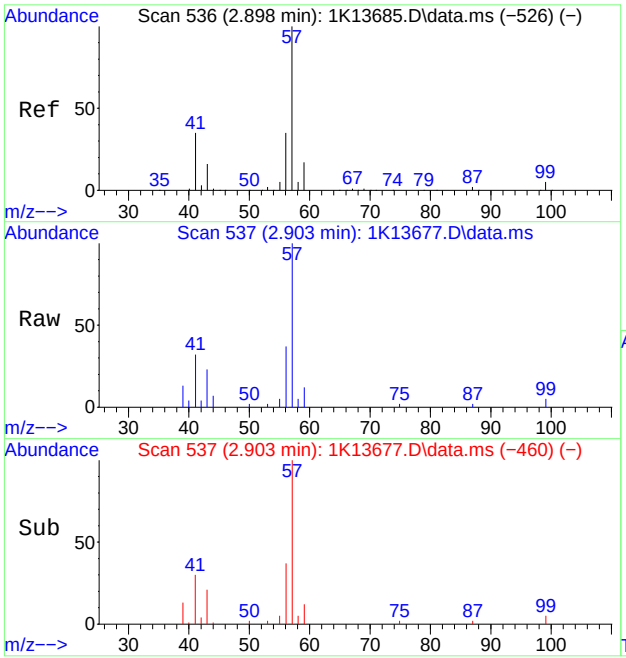


#49
tert-amyl alcohol
Concen: 8.24 ug/L
RT: 3.086 min Scan# 572
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 55 Resp: 3712

Ion	Ratio	Lower	Upper
55	100		
59	216.6	218.8	258.8#
73	153.8	115.9	155.9

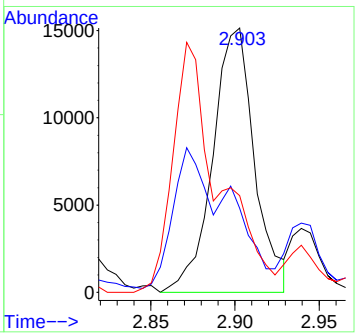


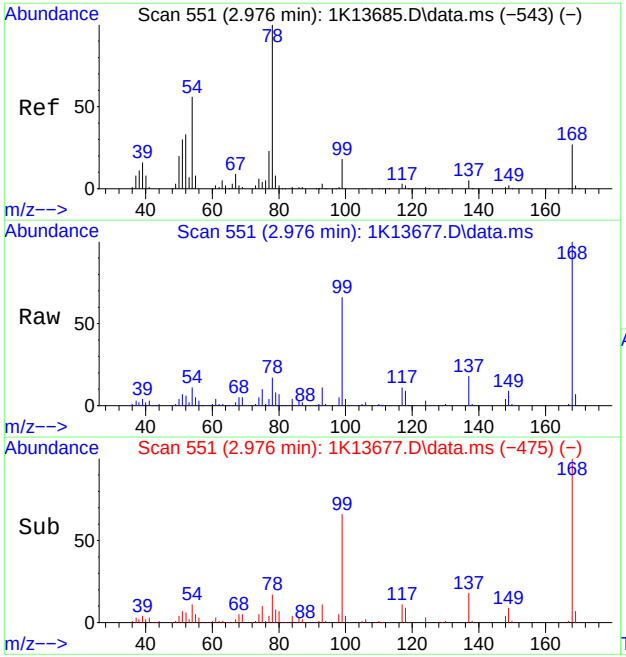


#52
iso-octane
Concen: 1.96 ug/L
RT: 2.903 min Scan# 537
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 57 Resp: 26303

Ion	Ratio	Lower	Upper
57	100		
41	22.3	14.8	54.8
56	26.0	15.3	55.3

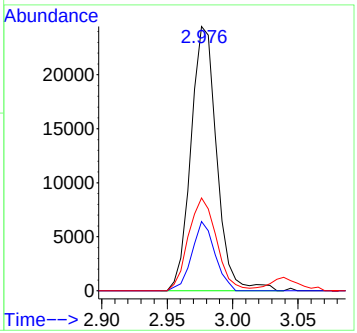


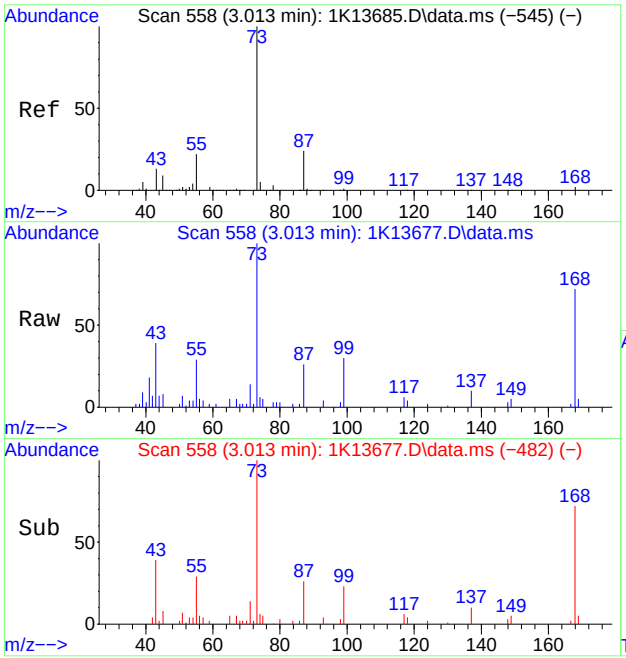


#53
benzene
Concen: 1.94 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 78 Resp: 33659

Ion	Ratio	Lower	Upper
78	100		
77	26.2	0.0	53.3
52	35.2	3.5	63.5

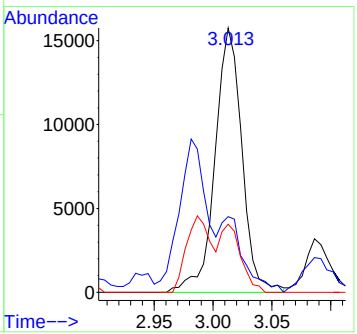


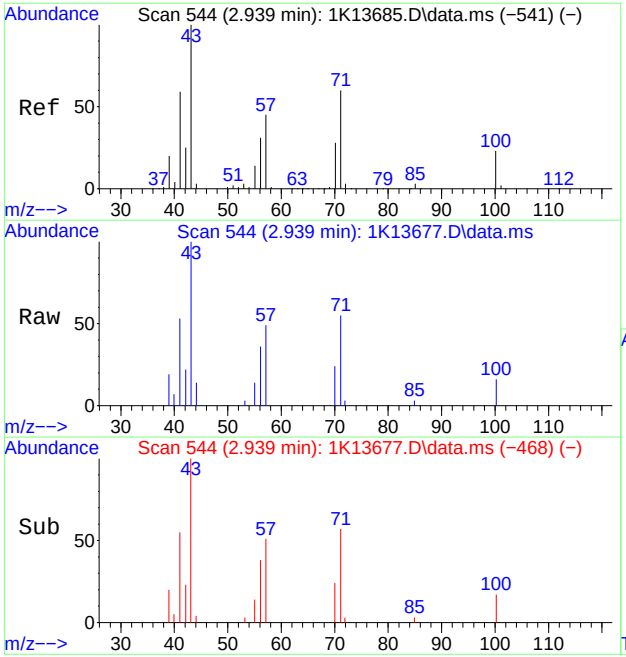


#54
tert-amyl methyl ether
Concen: 1.85 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 73 Resp: 25134

Ion	Ratio	Lower	Upper
73	100		
55	28.7	5.1	45.1
87	25.8	4.2	44.2

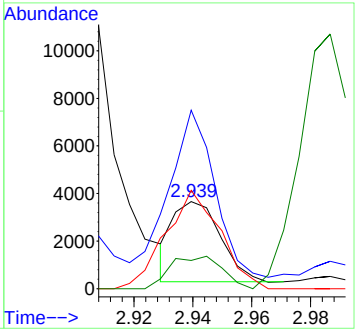


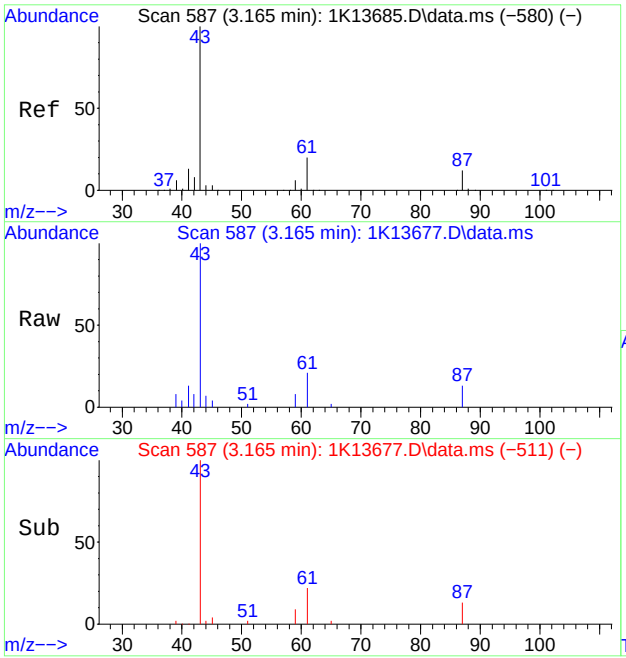


#55
heptane
Concen: 1.44 ug/L
RT: 2.939 min Scan# 544
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 57 Resp: 3793

Ion	Ratio	Lower	Upper
57	100		
43	204.1	140.0	200.0#
71	122.7	67.3	127.3
100	22.9	0.3	60.3

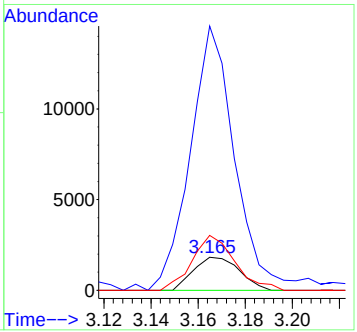


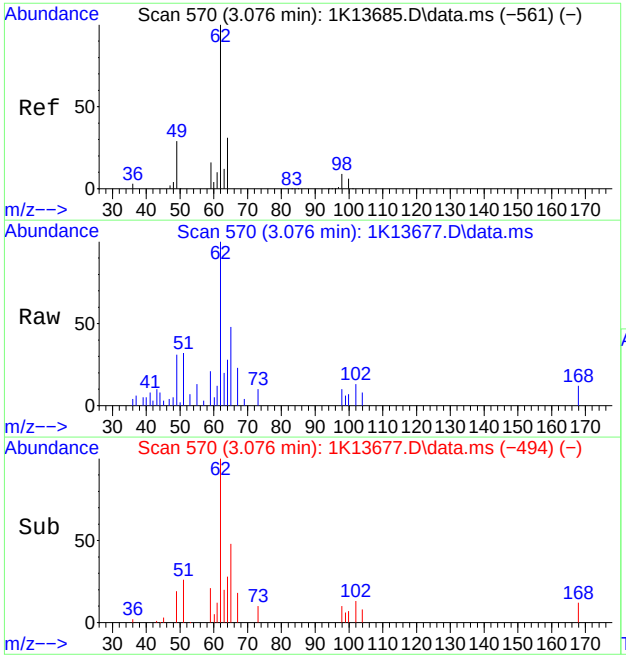


#56
isopropyl acetate
Concen: 2.10 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 87 Resp: 2483

Ion	Ratio	Lower	Upper
87	100		
43	766.0	799.2	859.2#
61	165.7	137.1	197.1

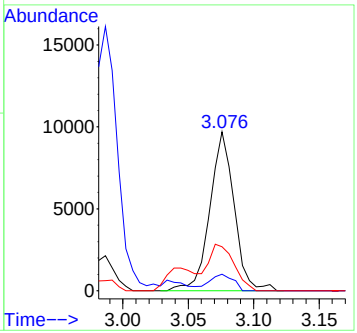


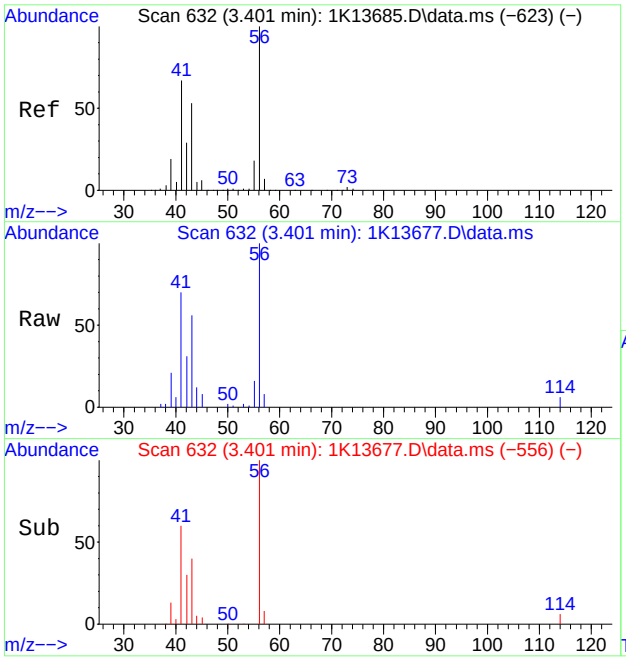


#57
1,2-dichloroethane
Concen: 1.92 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 62 Resp: 12596

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	39.5
64	27.8	1.1	61.1

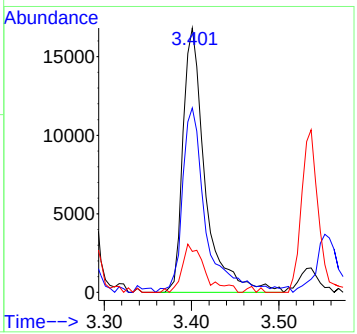


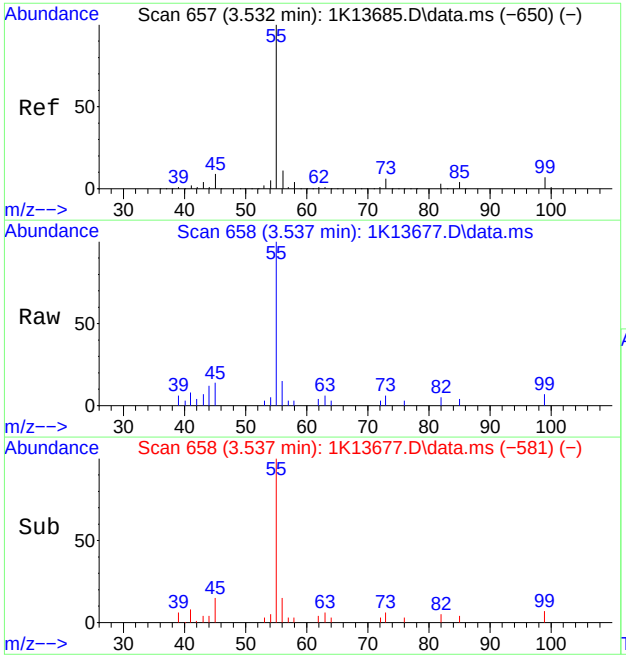


#58
n-butyl alcohol
Concen: 89.97 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 56 Resp: 29728

Ion	Ratio	Lower	Upper
56	100		
41	68.3	46.6	86.6
55	15.5	0.0	37.9

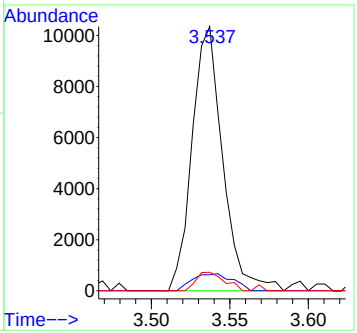


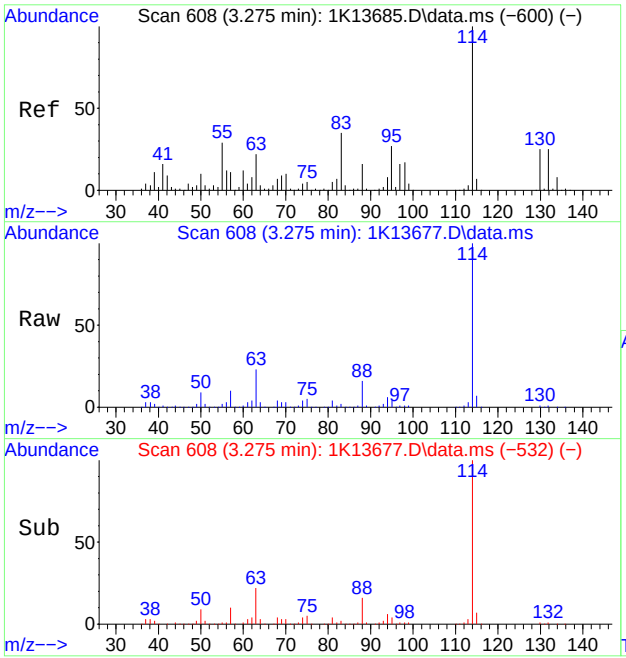


#59
ethyl acrylate
Concen: 1.88 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 55 Resp: 14052

Ion	Ratio	Lower	Upper
55	100		
73	6.1	0.0	36.5
99	7.0	0.0	37.0

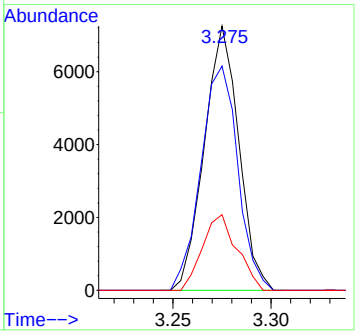


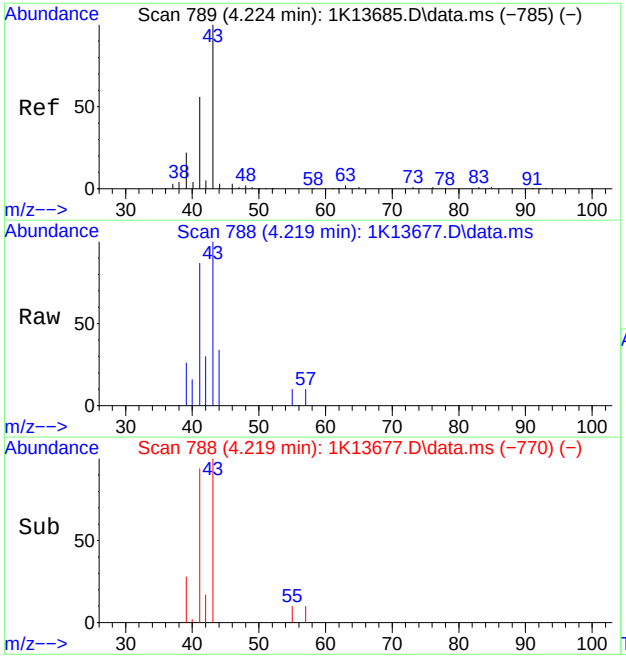


#60
trichloroethene
Concen: 2.08 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:130 Resp: 8880

Ion	Ratio	Lower	Upper
130	100		
132	84.7	70.3	130.3
134	28.6	2.0	62.0

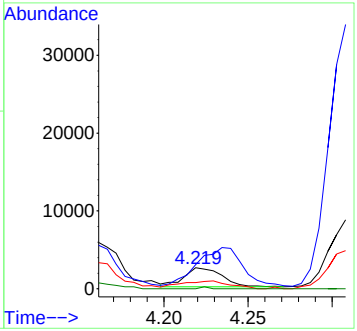


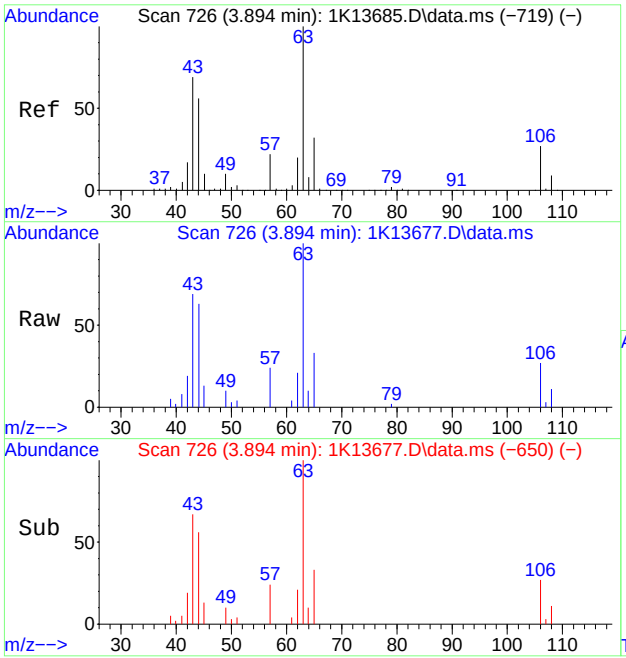


#61
2-nitropropane
Concen: 1.61 ug/L
RT: 4.219 min Scan# 788
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 41 Resp: 3851

Ion	Ratio	Lower	Upper
41	100		
43	109.9	127.6	187.6#
39	33.3	8.5	68.5
46	0.0	0.0	36.6

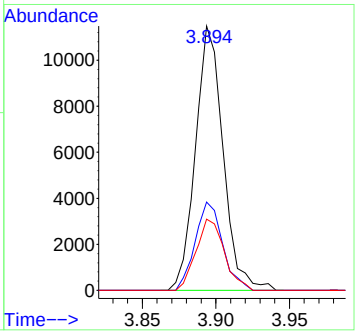


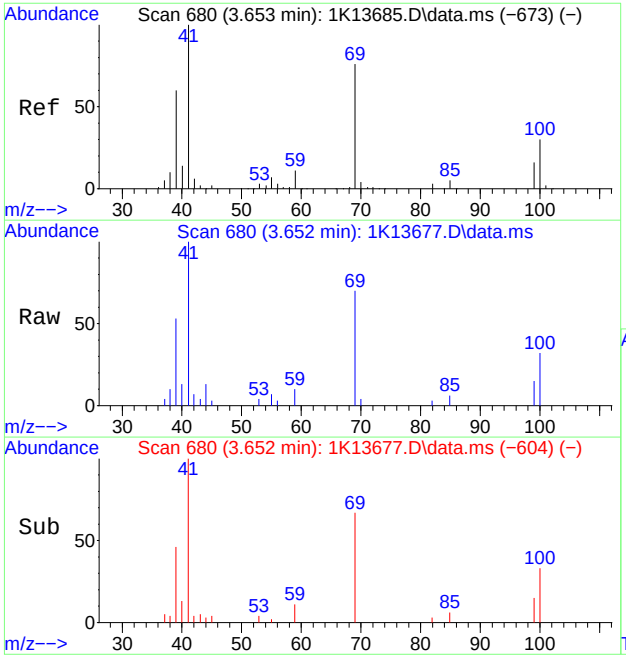


#62
2-chloroethyl vinyl ether
Concen: 7.65 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 63 Resp: 14963

Ion	Ratio	Lower	Upper
63	100		
65	33.4	1.9	61.9
106	26.9	0.0	57.3

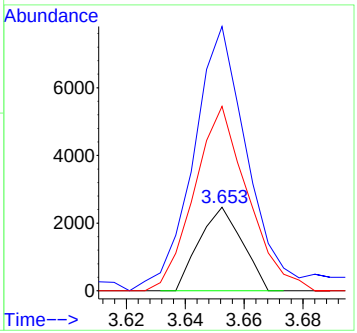


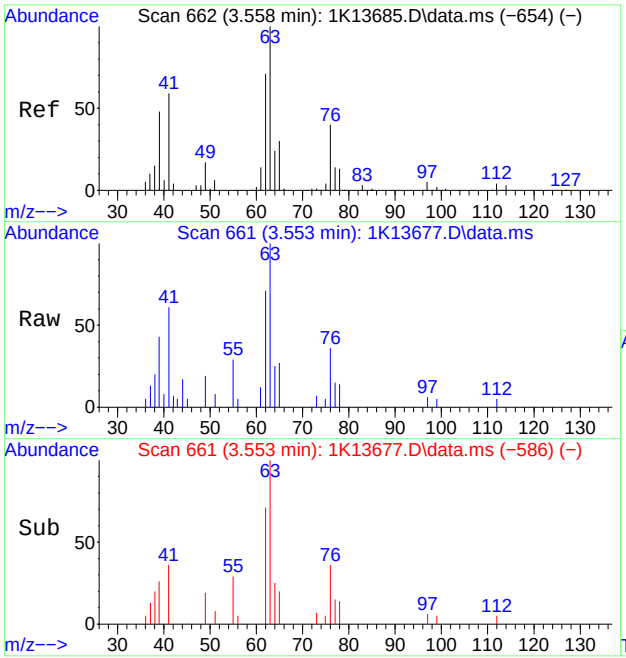


#63
methyl methacrylate
Concen: 1.92 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:100 Resp: 2513

Ion	Ratio	Lower	Upper
100	100		
41	295.0	304.0	364.0#
69	211.1	224.1	284.1#

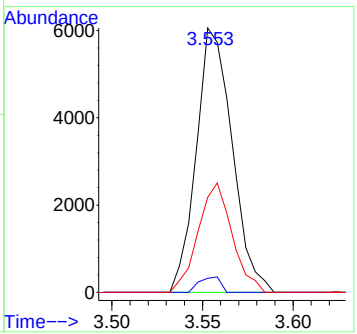


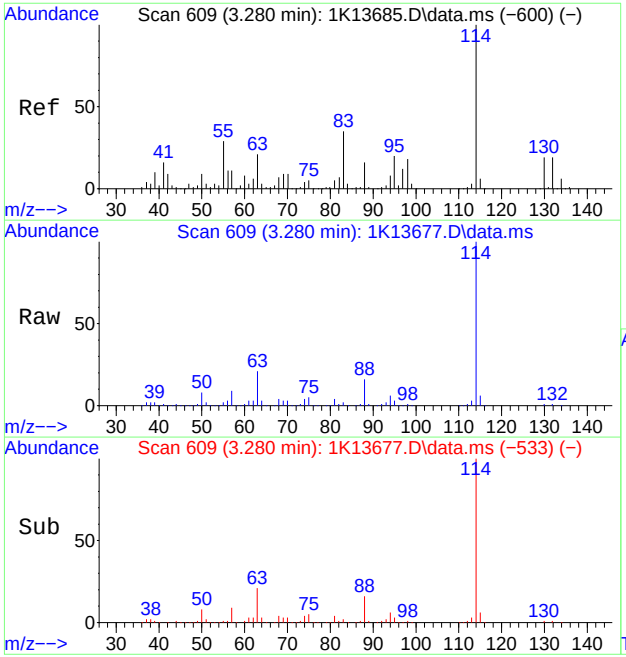


#64
1,2-dichloropropane
Concen: 1.89 ug/L
RT: 3.553 min Scan# 661
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 63 Resp: 8336

Ion	Ratio	Lower	Upper
63	100		
112	5.3	0.0	34.4
76	35.9	10.3	70.3

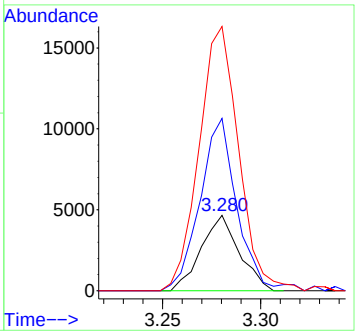


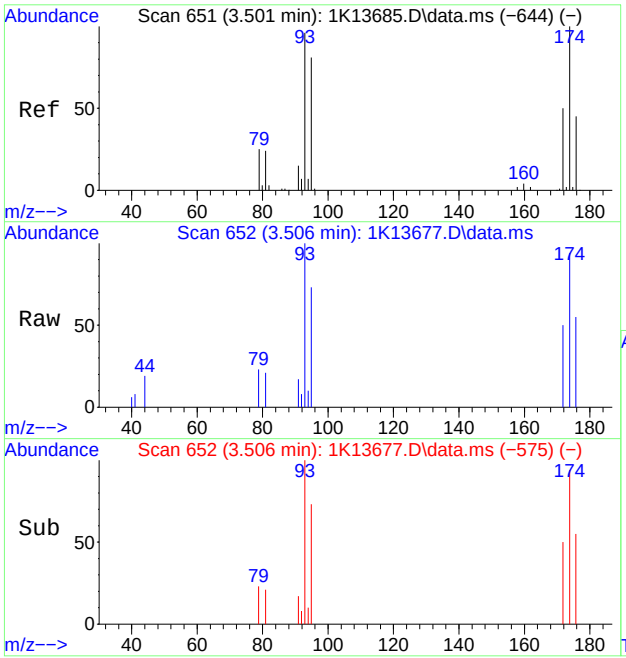


#65
methylcyclohexane
Concen: 1.88 ug/L
RT: 3.280 min Scan# 609
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 98 Resp: 6317

Ion	Ratio	Lower	Upper
98	100		
55	228.4	130.3	190.3#
83	350.1	194.3	194.3#

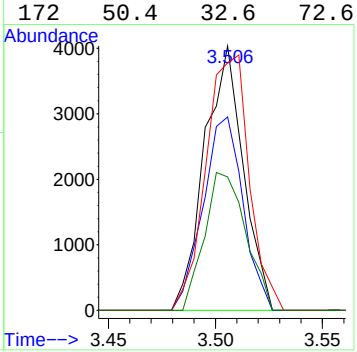


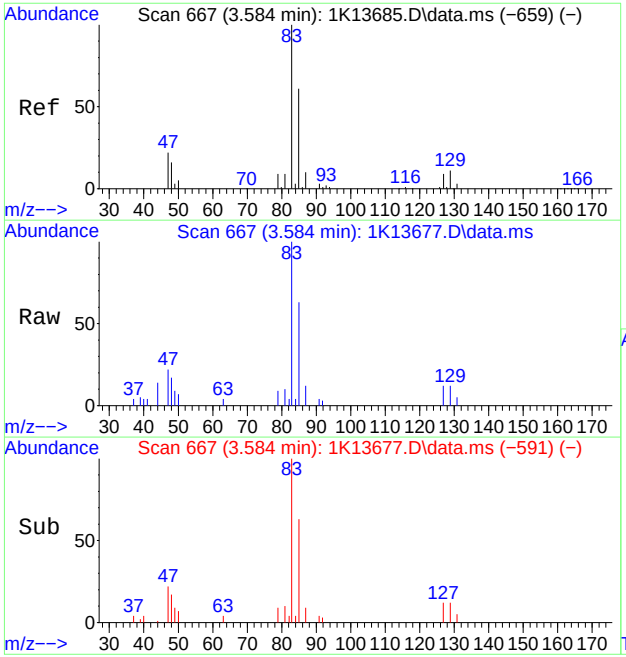


#66
dibromomethane
Concen: 1.95 ug/L
RT: 3.506 min Scan# 652
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 93 Resp: 5102

Ion	Ratio	Lower	Upper
93	100		
95	73.1	54.7	114.7
174	93.6	74.1	134.1
172	50.4	32.6	72.6

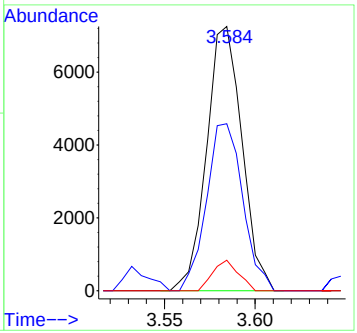


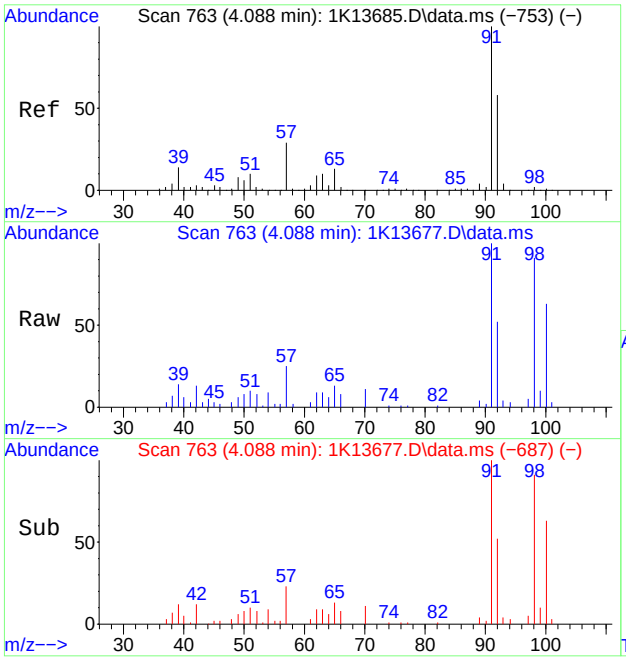


#67
bromodichloromethane
Concen: 1.76 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 83 Resp: 9832

Ion	Ratio	Lower	Upper
83	100		
85	63.2	35.1	95.1
127	11.6	0.0	39.1

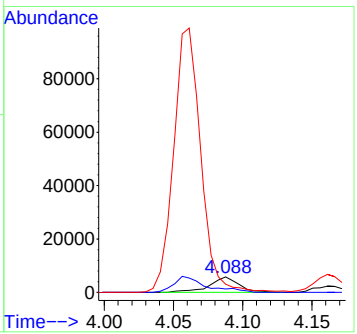


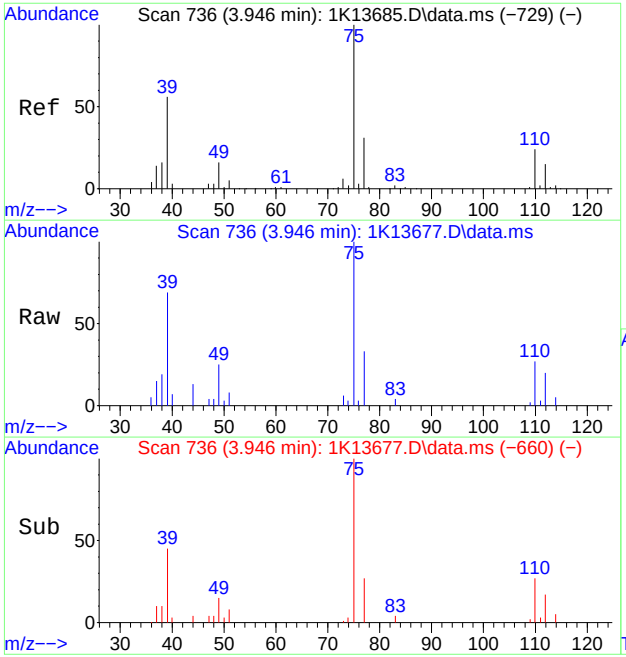


#68
epichlorohydrin
Concen: 9.31 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 57 Resp: 8525

Ion	Ratio	Lower	Upper
57	100		
49	22.9	6.2	46.2
42	43.5	0.0	29.7#

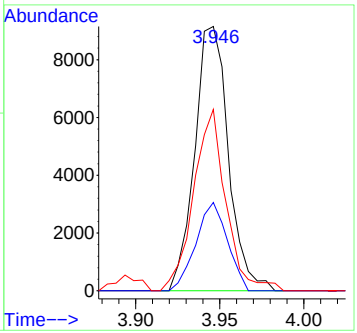


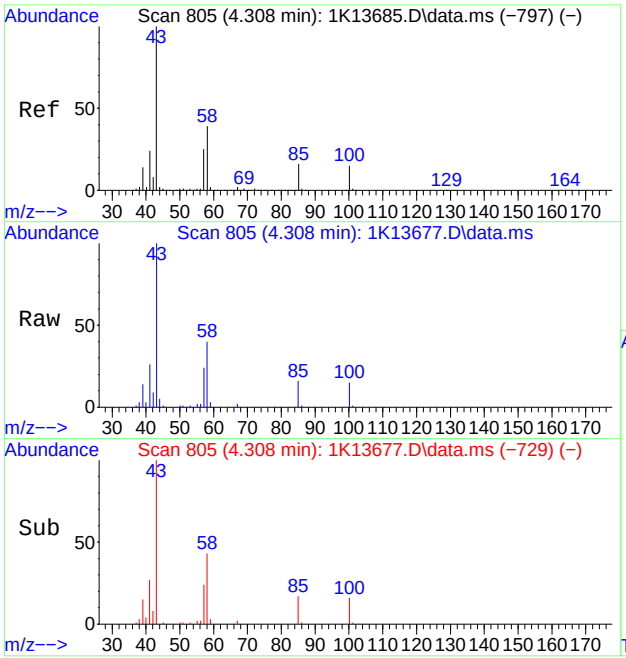


#69
cis-1,3-dichloropropene
Concen: 1.95 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 75 Resp: 12778

Ion	Ratio	Lower	Upper
75	100		
77	33.4	1.6	61.6
39	68.6	26.9	86.9

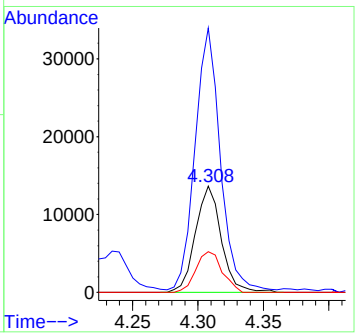


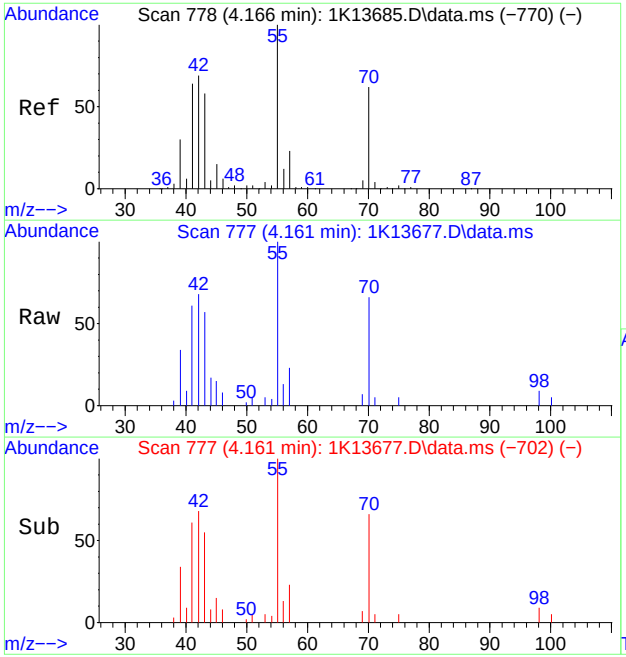


#70
4-methyl-2-pentanone
Concen: 7.71 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 58 Resp: 18788

Ion	Ratio	Lower	Upper
58	100		
43	245.7	226.7	286.7
100	38.3	8.1	68.1

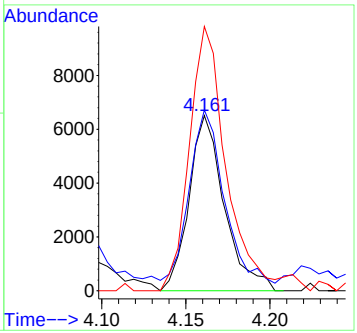


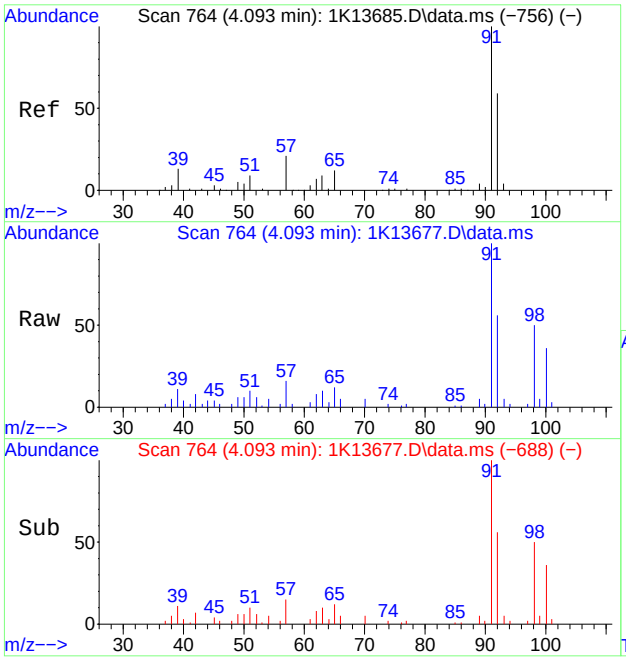


#71
3-methyl-1-butanol
Concen: 35.71 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 70 Resp: 9514

Ion	Ratio	Lower	Upper
70	100		
42	97.3	81.3	141.3
55	150.9	131.4	191.4

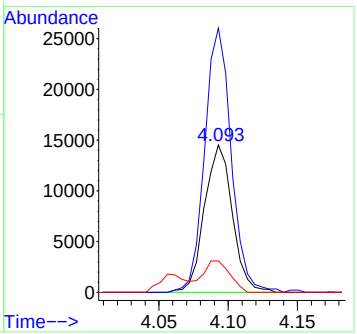


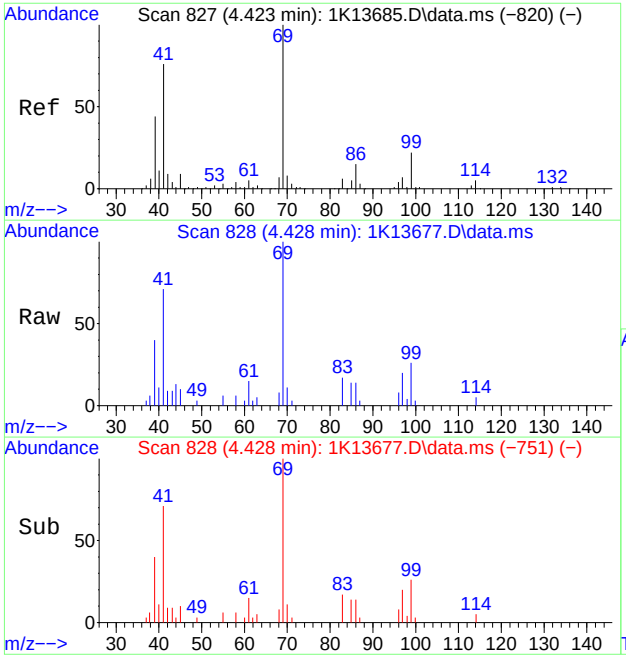


#74
toluene
Concen: 1.86 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 92 Resp: 20345

Ion	Ratio	Lower	Upper
92	100		
91	179.4	150.5	190.5
65	21.3	0.6	40.6

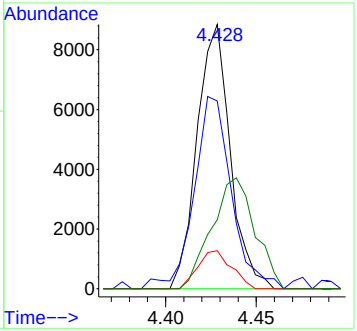


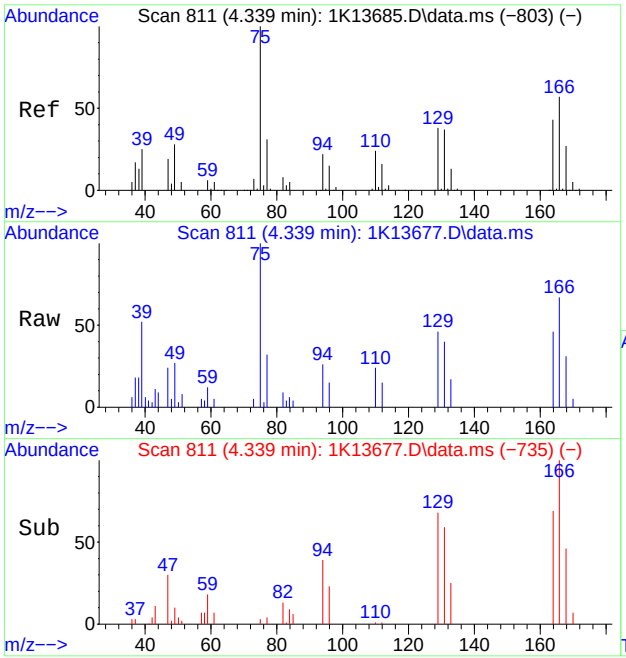


#75
ethyl methacrylate
Concen: 1.90 ug/L
RT: 4.428 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 69 Resp: 11264

Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.7	96.7
86	14.4	0.0	35.4
99	26.1	1.7	41.7

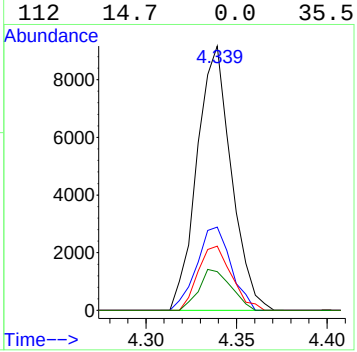


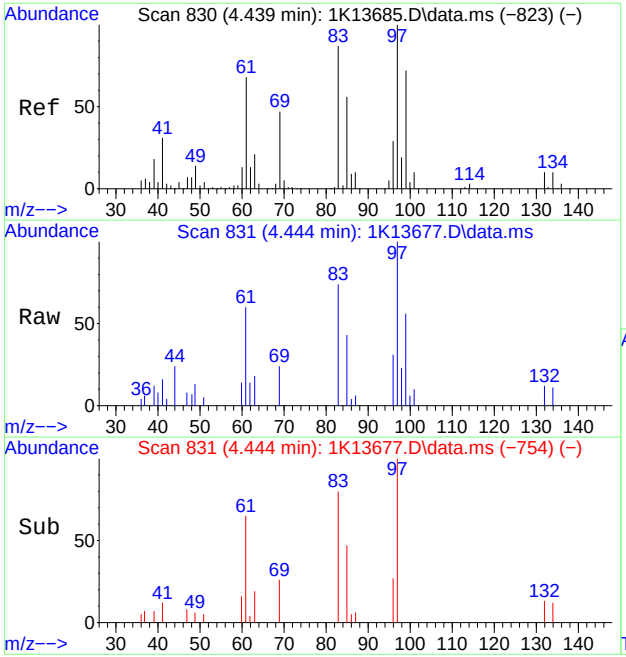


#76
trans-1,3-dichloropropene
Concen: 1.88 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 75 Resp: 12067

Ion	Ratio	Lower	Upper
75	100		
77	31.5	11.2	51.2
110	24.3	4.0	44.0
112	14.7	0.0	35.5

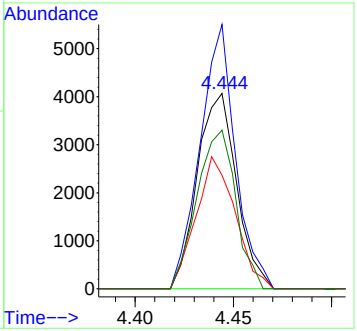


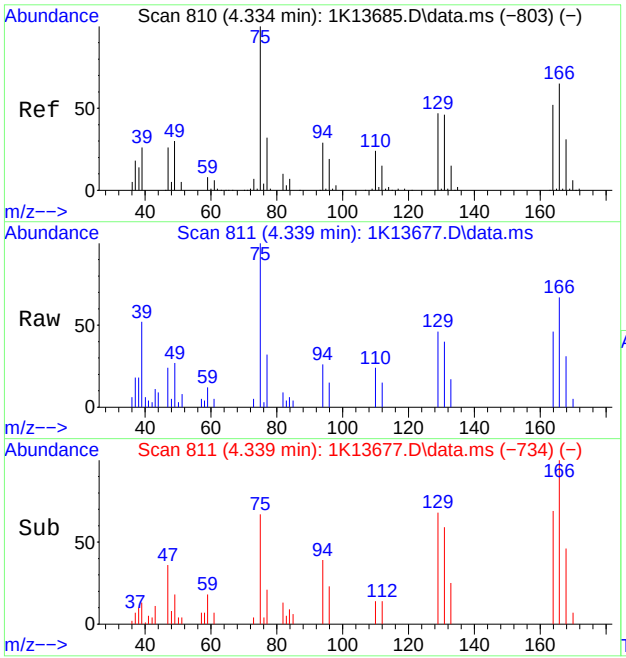


#77
1,1,2-trichloroethane
Concen: 1.81 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 83 Resp: 5668

Ion	Ratio	Lower	Upper
83	100		
97	135.3	95.4	135.4
85	58.1	45.4	85.4
61	81.2	58.8	98.8

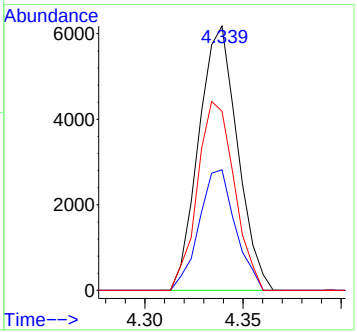


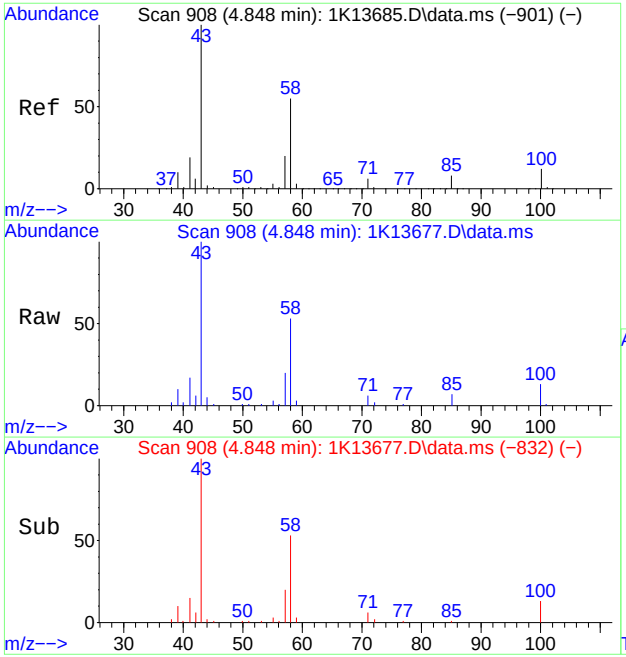


#78
tetrachloroethene
Concen: 1.97 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:166 Resp: 8509

Ion	Ratio	Lower	Upper
166	100		
168	45.6	17.2	77.2
129	67.8	42.2	102.2

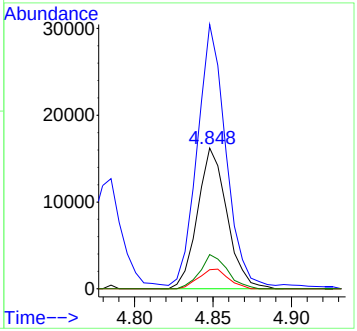


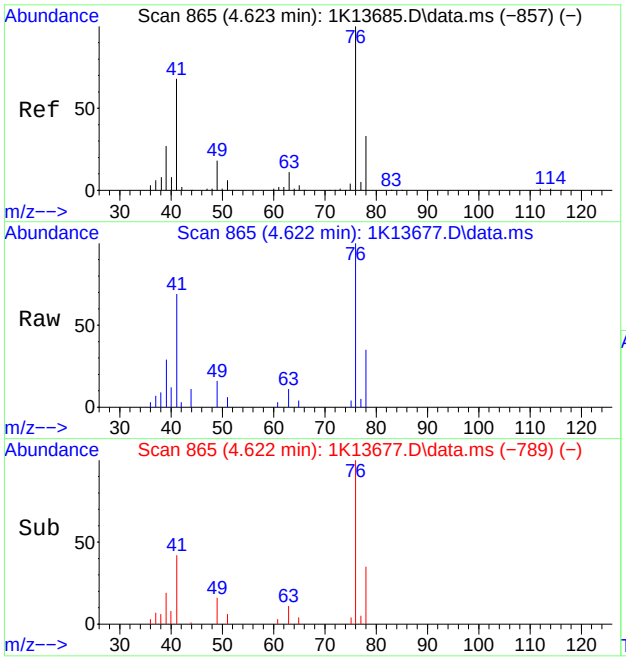


#79
2-hexanone
Concen: 7.43 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 58 Resp: 21217

Ion	Ratio	Lower	Upper
58	100		
43	184.9	162.0	202.0
85	13.6	0.0	34.2
100	24.4	1.2	41.2

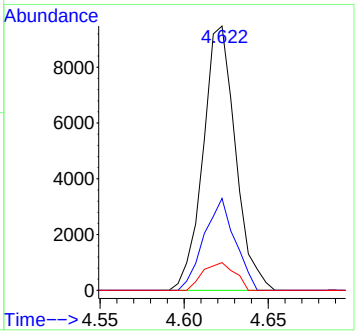


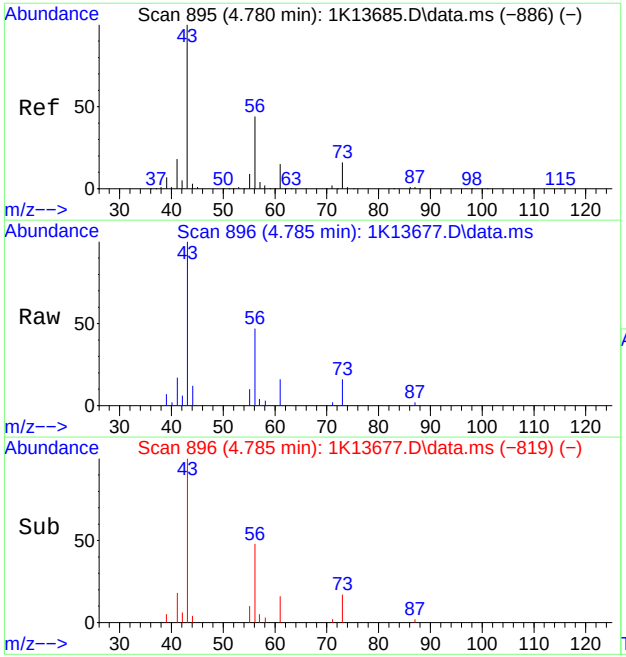


#80
1,3-dichloropropane
Concen: 1.84 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 76 Resp: 12741

Ion	Ratio	Lower	Upper
76	100		
78	34.7	3.0	63.0
63	10.5	0.0	40.8

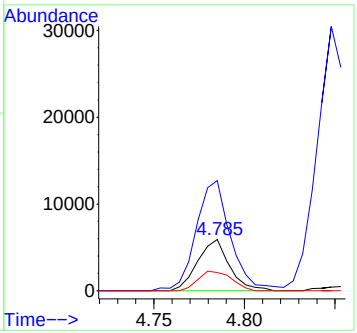


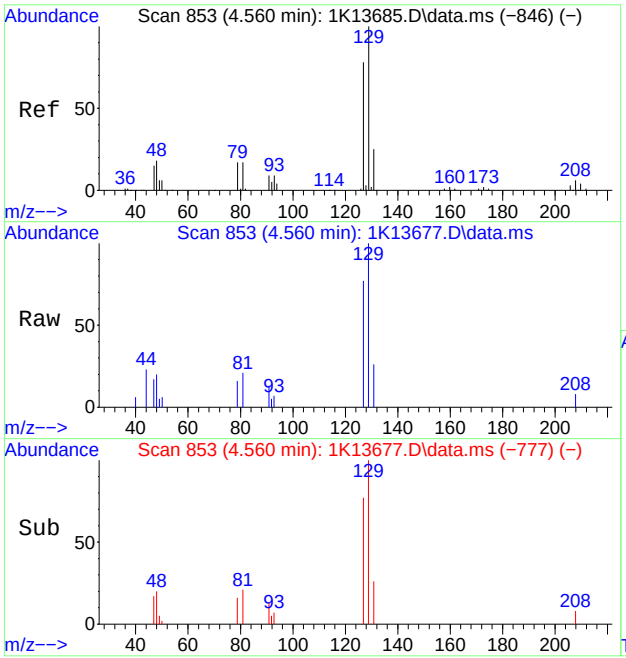


#81
butyl acetate
Concen: 1.89 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 56 Resp: 7232

Ion	Ratio	Lower	Upper
56	100		
43	208.9	198.9	258.9
73	35.3	7.7	67.7

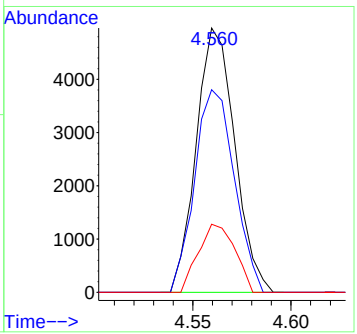


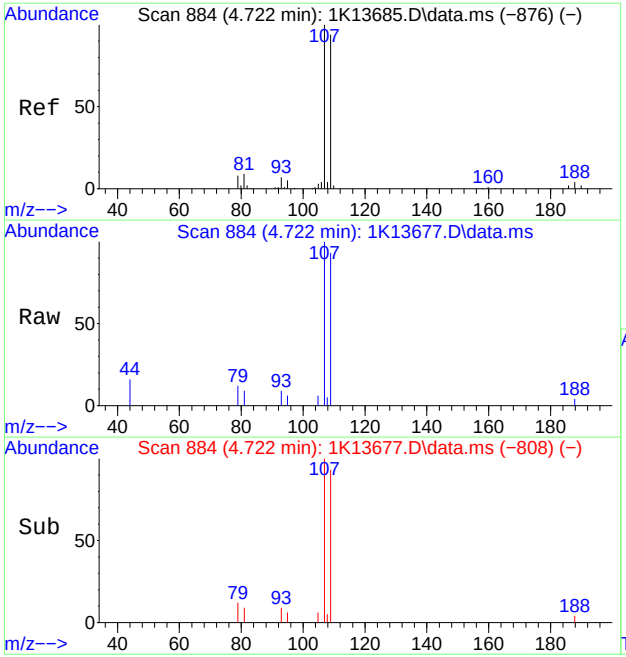


#82
dibromochloromethane
Concen: 1.82 ug/L
RT: 4.560 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:129 Resp: 6788

Ion	Ratio	Lower	Upper
129	100		
127	76.6	48.2	108.2
131	25.8	0.0	54.9

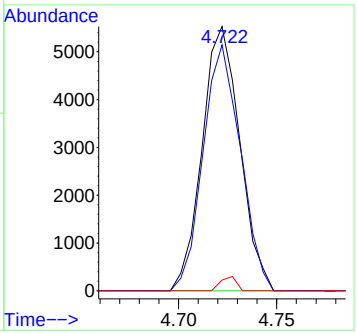


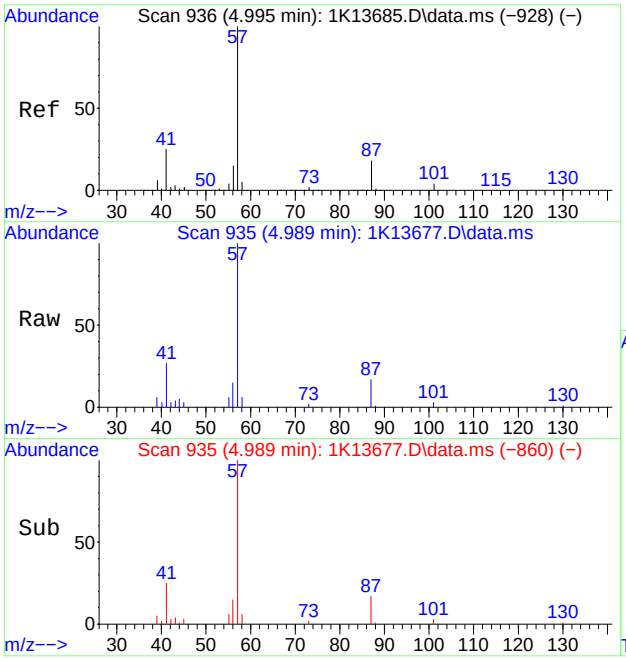


#83
1,2-dibromoethane
Concen: 1.88 ug/L
RT: 4.722 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:107 Resp: 7399

Ion	Ratio	Lower	Upper
107	100		
109	93.0	64.1	124.1
188	4.1	0.0	33.9

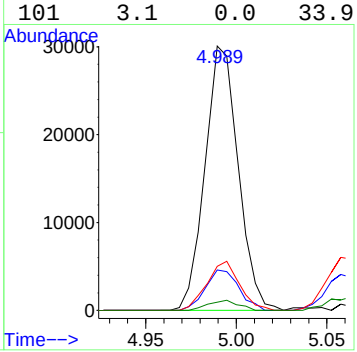


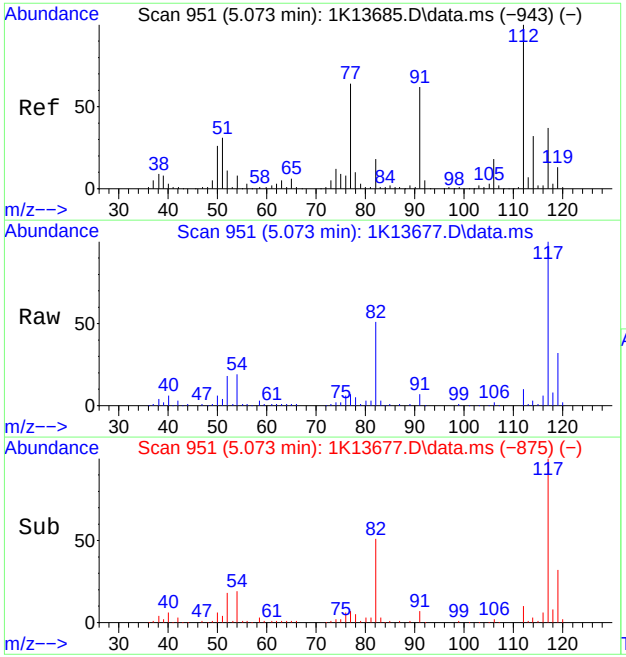


#84
n-butyl ether
Concen: 1.91 ug/L
RT: 4.989 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 57 Resp: 38305

Ion	Ratio	Lower	Upper
57	100		
56	15.3	0.0	44.5
87	16.7	0.0	47.6
101	3.1	0.0	33.9

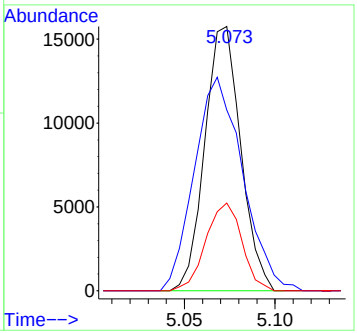


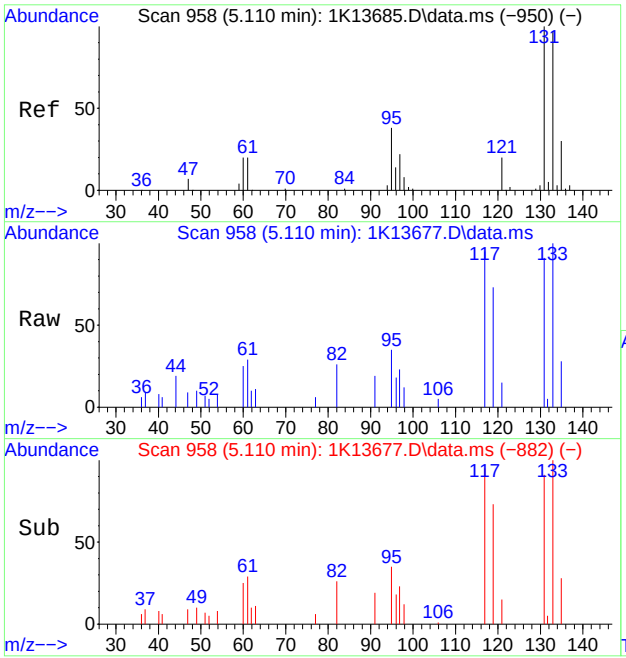


#85
chlorobenzene
Concen: 1.89 ug/L
RT: 5.073 min Scan# 951
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:112 Resp: 21715

Ion	Ratio	Lower	Upper
112	100		
77	68.3	33.8	93.8
114	33.2	2.0	62.0

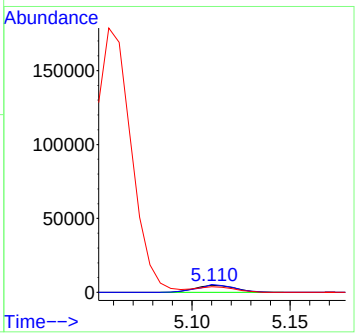


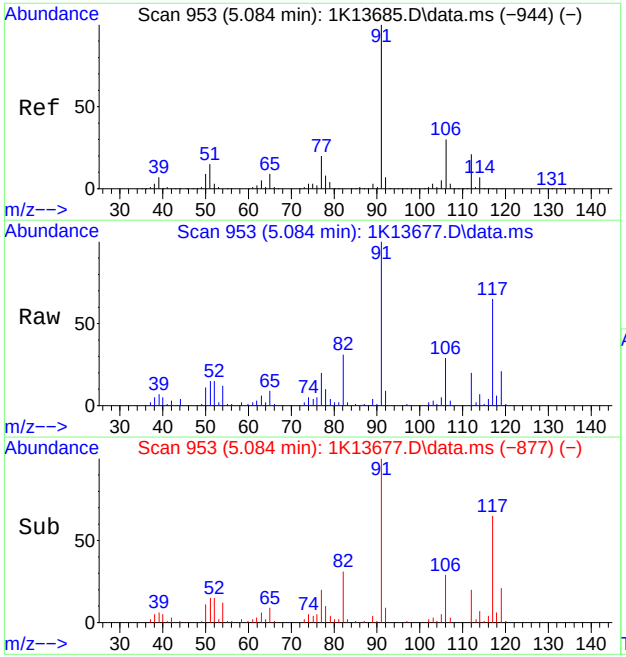


#86
1,1,1,2-tetrachloroethane
Concen: 1.87 ug/L
RT: 5.110 min Scan# 958
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:131 Resp: 6764

Ion	Ratio	Lower	Upper
131	100		
133	109.8	67.0	127.0
119	80.1	34.4	94.4

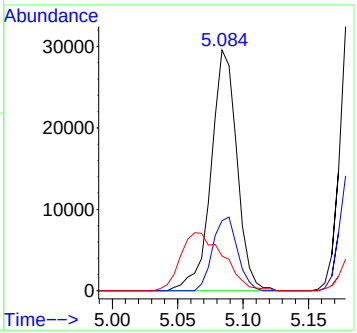


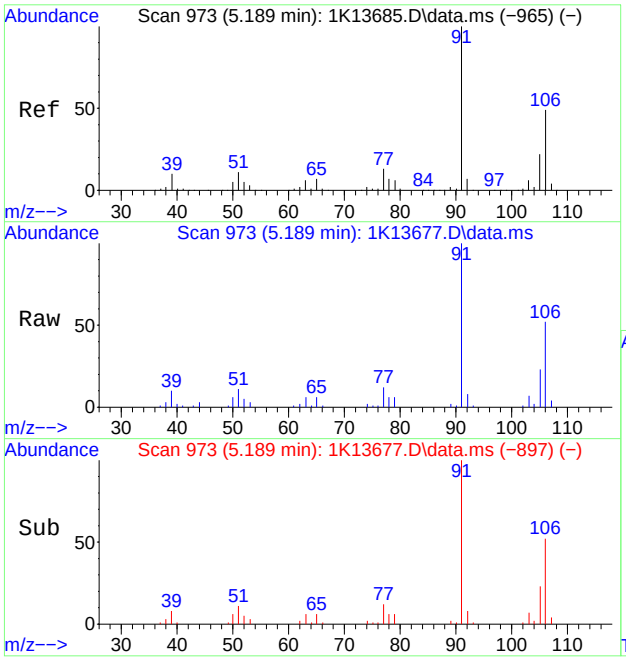


#87
ethylbenzene
Concen: 1.80 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 91 Resp: 40689

Ion	Ratio	Lower	Upper
91	100		
106	29.2	0.2	60.2
51	14.5	0.0	45.3

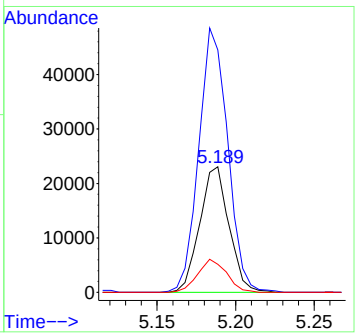




#88
m,p-xylene
Concen: 3.73 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

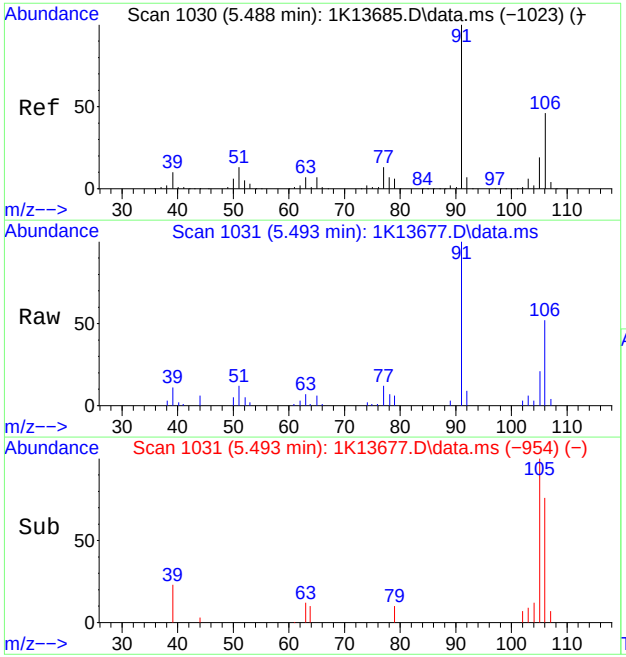
Tgt Ion:106 Resp: 29916

Ion	Ratio	Lower	Upper
106	100		
91	192.9	172.8	232.8
77	22.3	5.8	45.8



7.6.17

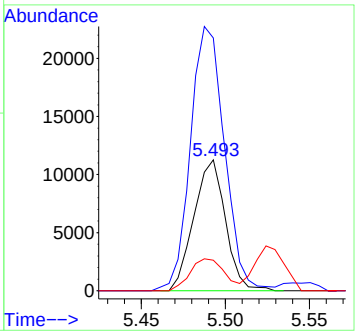
7

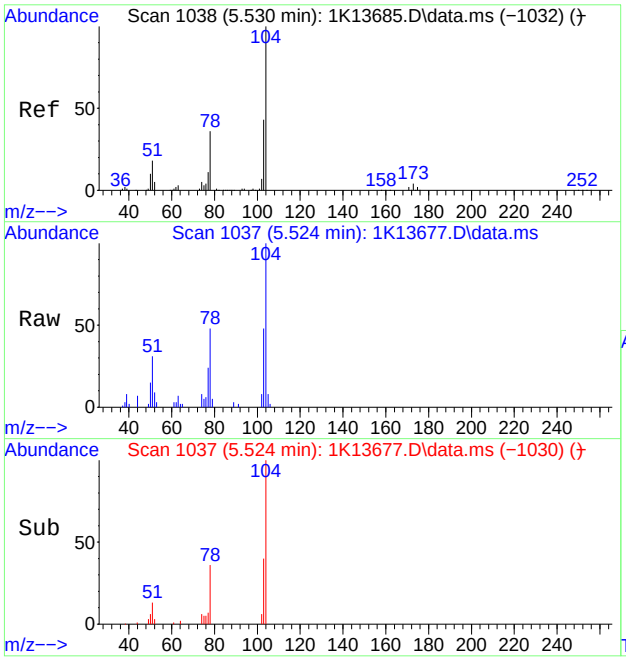


#89
o-xylene
Concen: 2.00 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:106 Resp: 14734

Ion	Ratio	Lower	Upper
106	100		
91	190.3	186.3	246.3
77	23.4	7.1	47.1

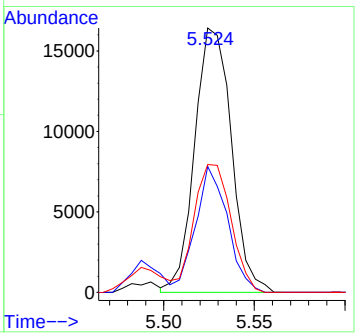


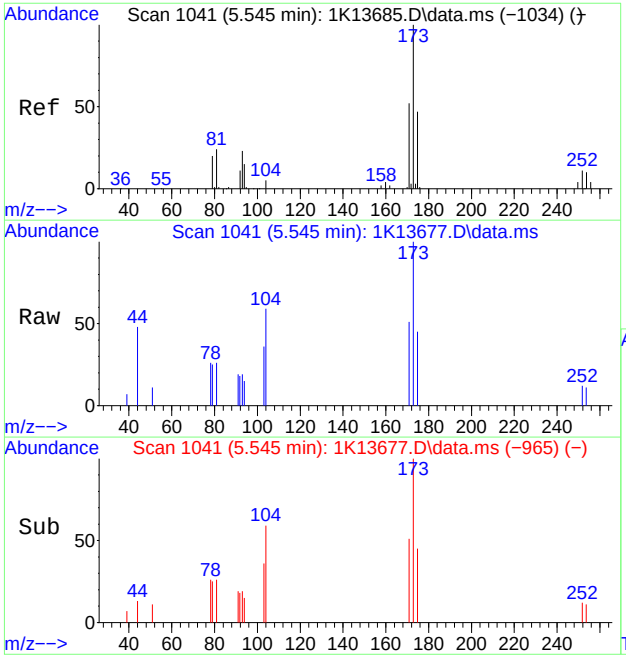


#90
styrene
Concen: 1.88 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:104 Resp: 23152

Ion	Ratio	Lower	Upper
104	100		
78	47.6	10.4	70.4
103	48.3	17.6	77.6

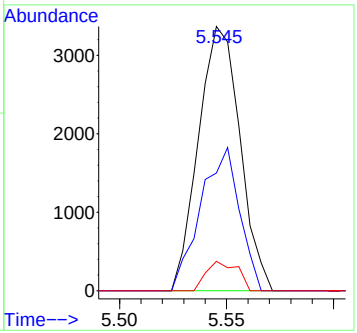


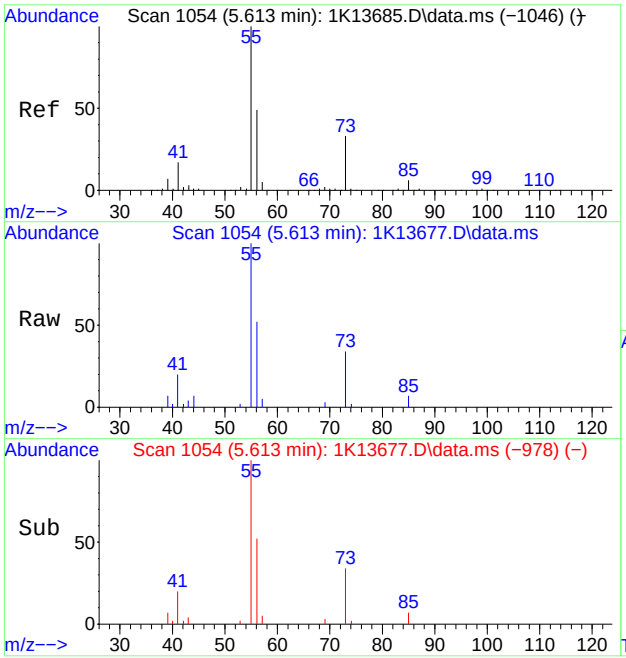


#91
bromoform
Concen: 1.80 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:173 Resp: 4553

Ion	Ratio	Lower	Upper
173	100		
175	44.6	17.2	77.2
254	11.2	0.0	39.9

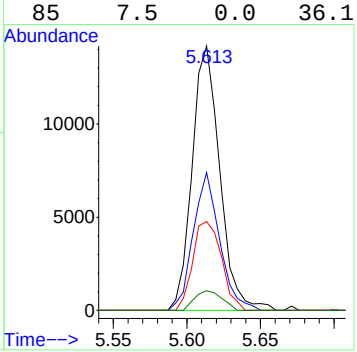


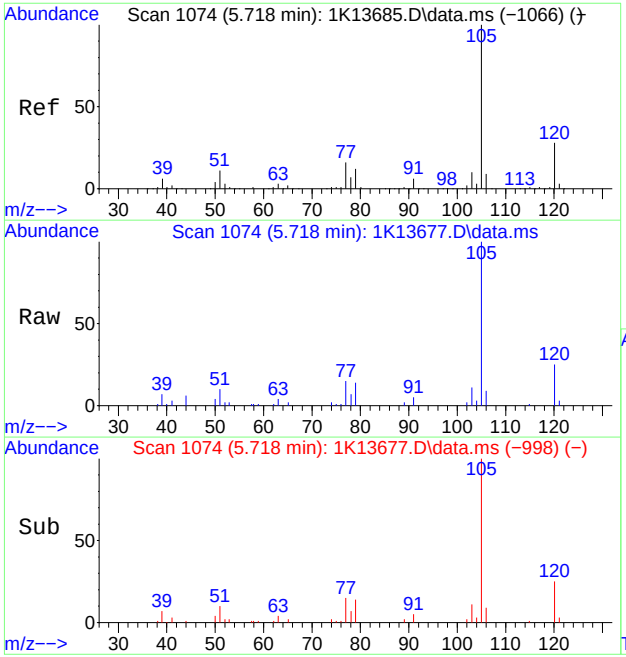


#92
butyl acrylate
Concen: 1.83 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 55 Resp: 18524

Ion	Ratio	Lower	Upper
55	100		
56	52.2	19.4	79.4
73	33.6	3.4	63.4
85	7.5	0.0	36.1

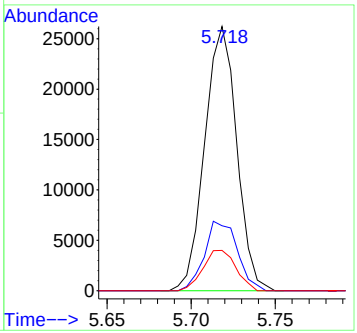


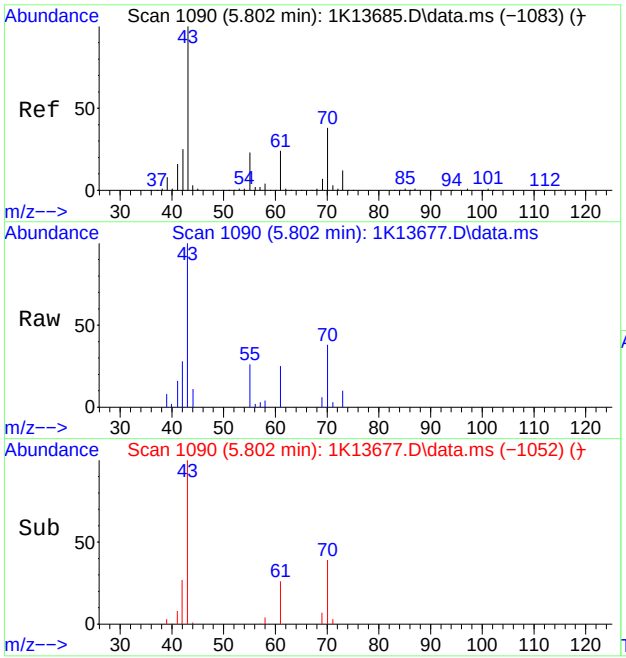


#93
isopropylbenzene
Concen: 1.98 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:105 Resp: 34812

Ion	Ratio	Lower	Upper
105	100		
120	24.6	7.6	47.6
77	15.3	0.0	35.6

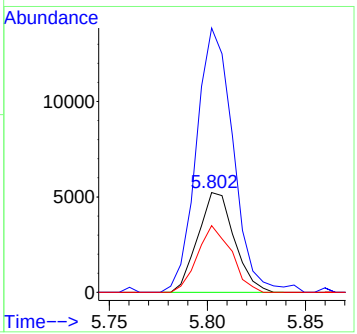


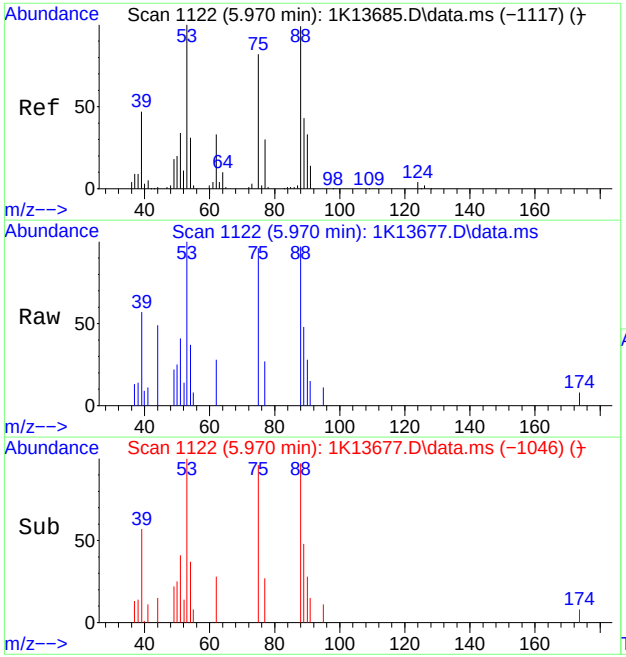


#94
n-amyl acetate
Concen: 1.88 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 70 Resp: 6783

Ion	Ratio	Lower	Upper
70	100		
43	264.7	241.4	281.4
61	66.8	43.1	83.1

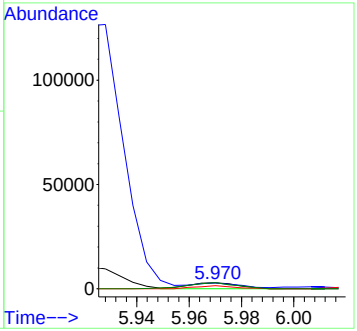


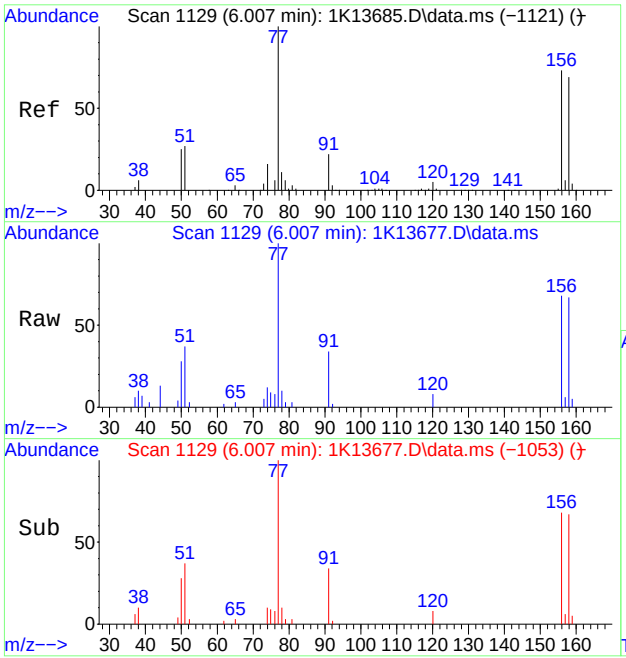


#95
cis-1,4-dichloro-2-butene
Concen: 1.78 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 88 Resp: 3841

Ion	Ratio	Lower	Upper
88	100		
75	72.9	61.4	101.4
89	50.1	22.1	62.1
53	103.3	78.7	118.7

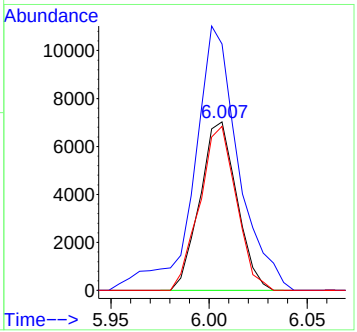


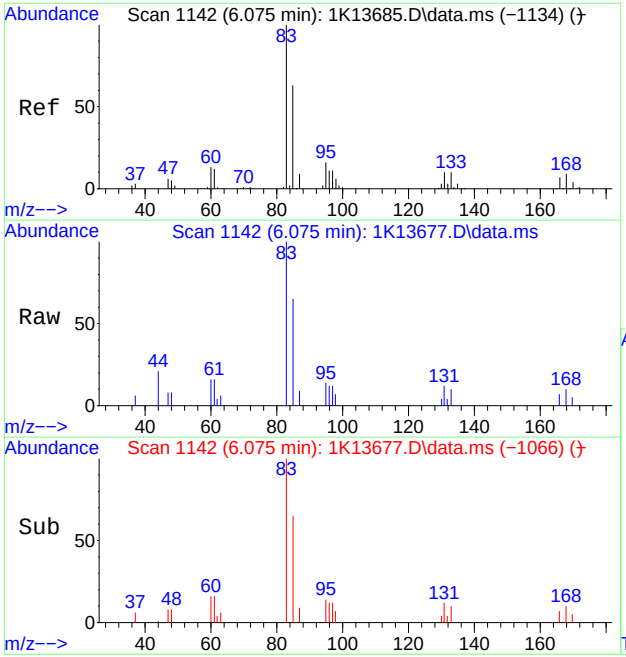


#98
bromobenzene
Concen: 1.95 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:156 Resp: 9209

Ion	Ratio	Lower	Upper
156	100		
77	141.6	121.4	181.4
158	97.4	64.8	124.8

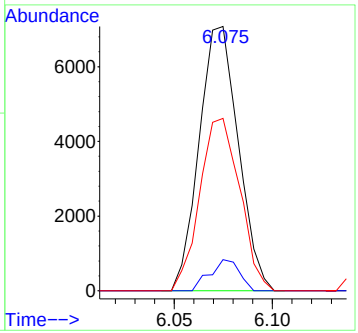


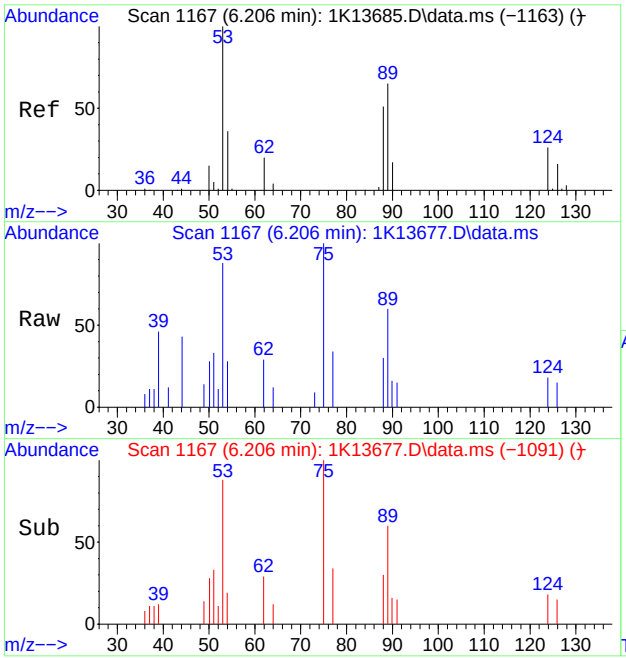


#99
1,1,2,2-tetrachloroethane
Concen: 1.88 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 83 Resp: 9850

Ion	Ratio	Lower	Upper
83	100		
131	11.8	0.0	40.4
85	65.1	33.3	93.3

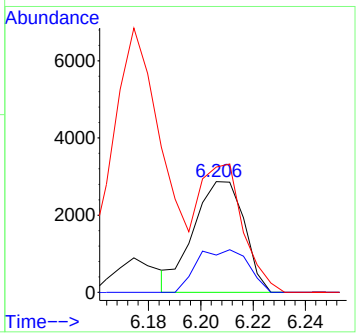


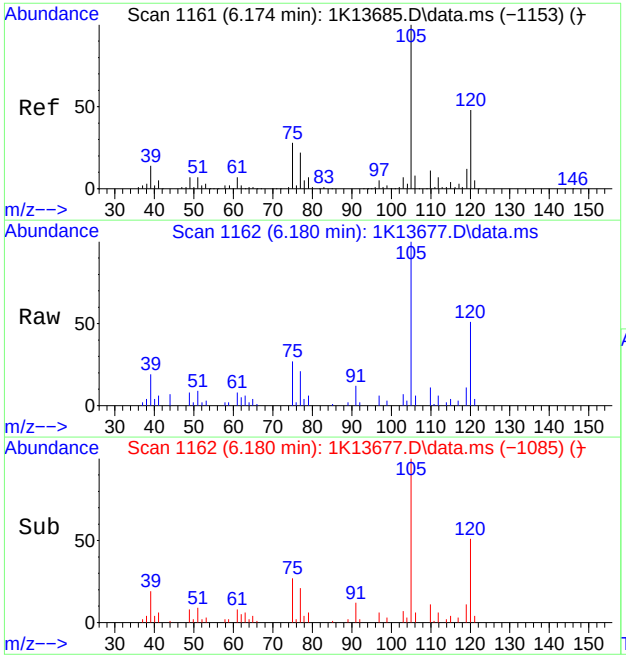


#100
trans-1,4-dichloro-2-butene
Concen: 1.76 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 53 Resp: 3882

Ion	Ratio	Lower	Upper
53	100		
88	33.7	15.0	75.0
75	113.3	88.4	148.4

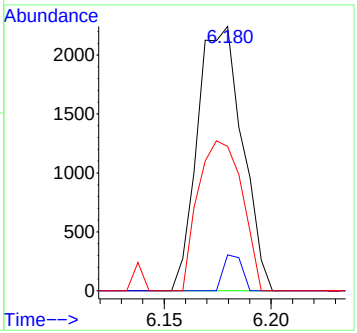


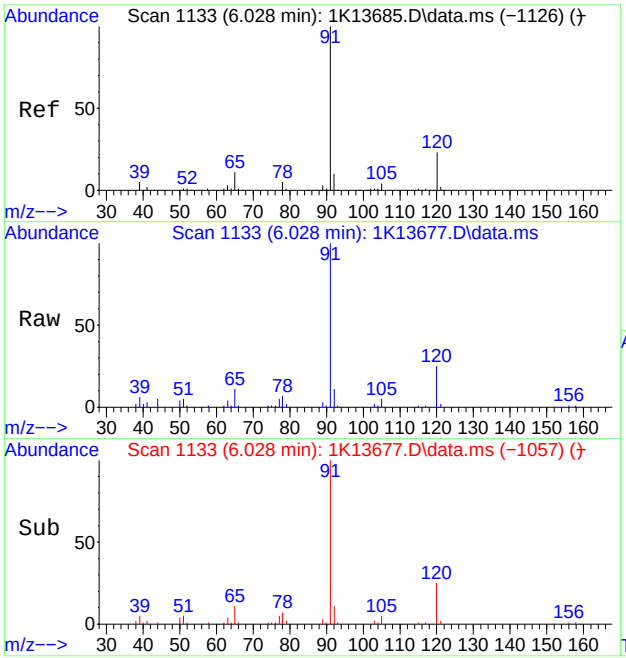


#101
1,2,3-trichloropropane
Concen: 1.88 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:110 Resp: 3266

Ion	Ratio	Lower	Upper
110	100		
111	13.6	0.0	40.4
97	54.6	19.6	79.6

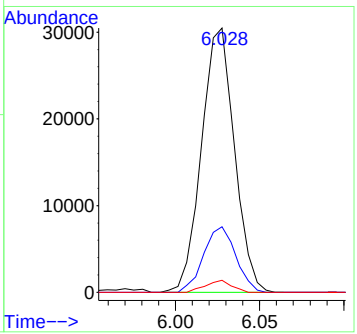


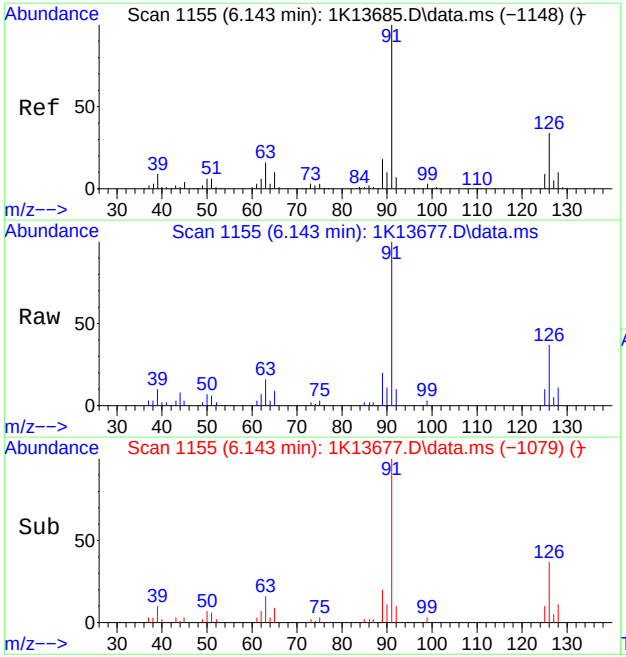


#102
n-propylbenzene
Concen: 1.80 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 91 Resp: 41544

Ion	Ratio	Lower	Upper
91	100		
120	24.8	0.0	53.1
105	4.6	0.0	33.8

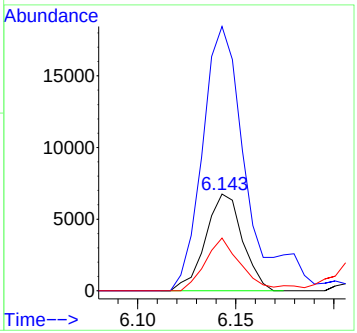


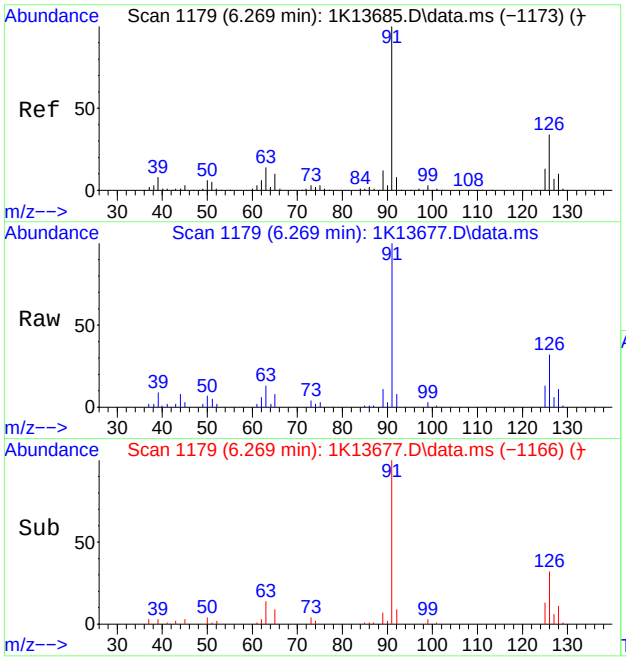


#103
2-chlorotoluene
Concen: 2.06 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:126 Resp: 8889

Ion	Ratio	Lower	Upper
126	100		
91	273.0	265.3	325.3
89	54.4	24.5	84.5

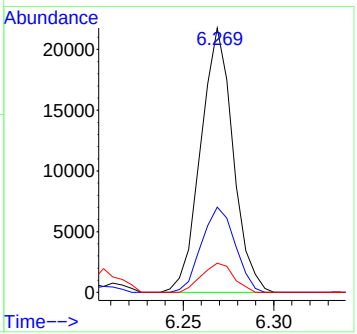


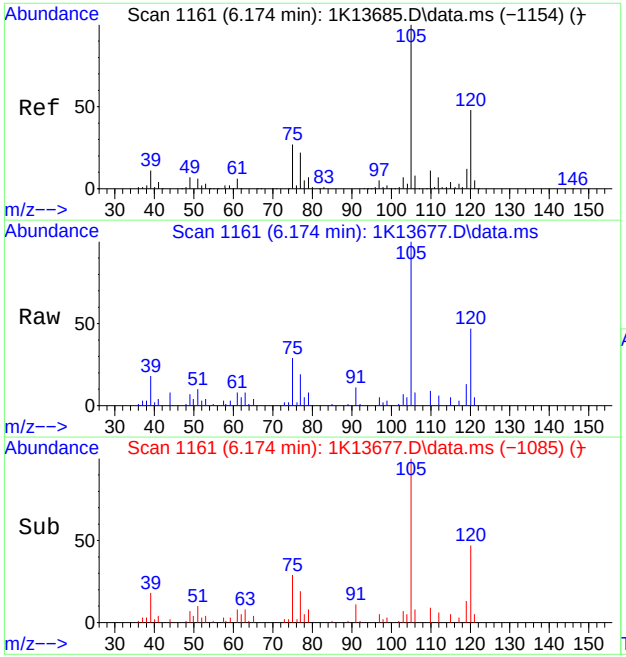


#104
4-chlorotoluene
Concen: 1.85 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 91 Resp: 26993

Ion	Ratio	Lower	Upper
91	100		
126	32.2	3.8	63.8
89	11.1	0.0	41.7

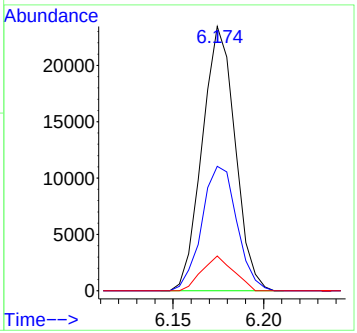


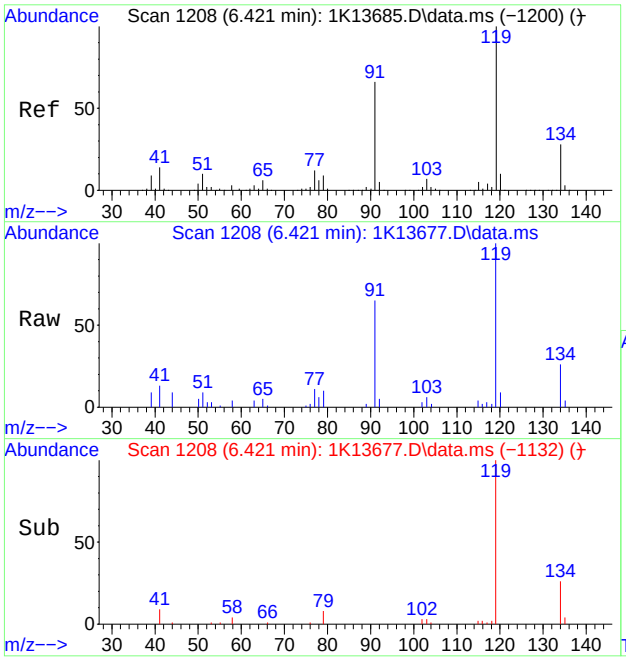


#105
1,3,5-trimethylbenzene
Concen: 1.94 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:105 Resp: 29612

Ion	Ratio	Lower	Upper
105	100		
120	47.1	18.3	78.3
119	13.2	0.0	42.2

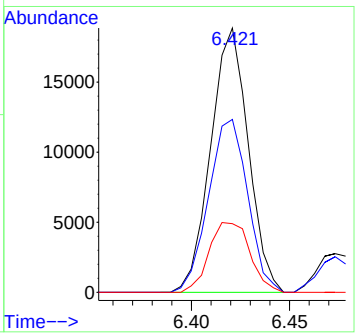


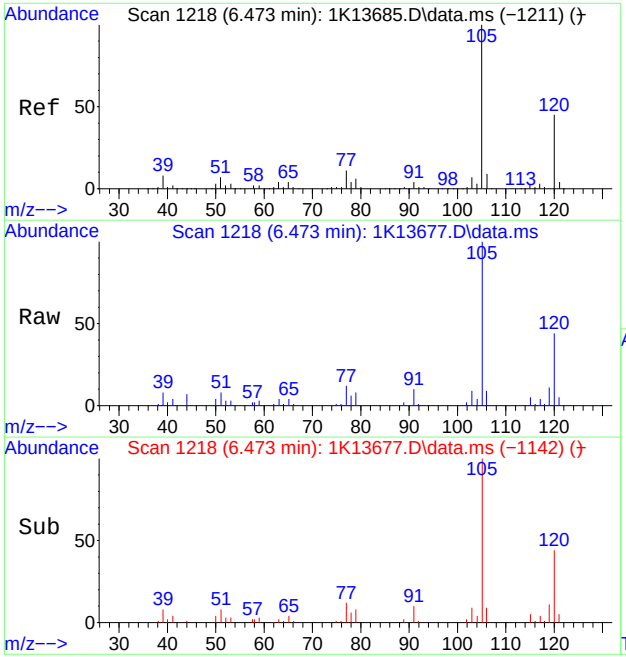


#106
tert-butylbenzene
Concen: 1.95 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:119 Resp: 25146

Ion	Ratio	Lower	Upper
119	100		
91	65.4	36.3	96.3
134	25.9	0.0	57.5

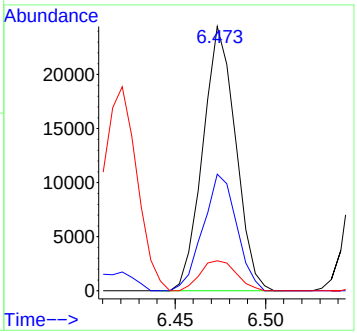


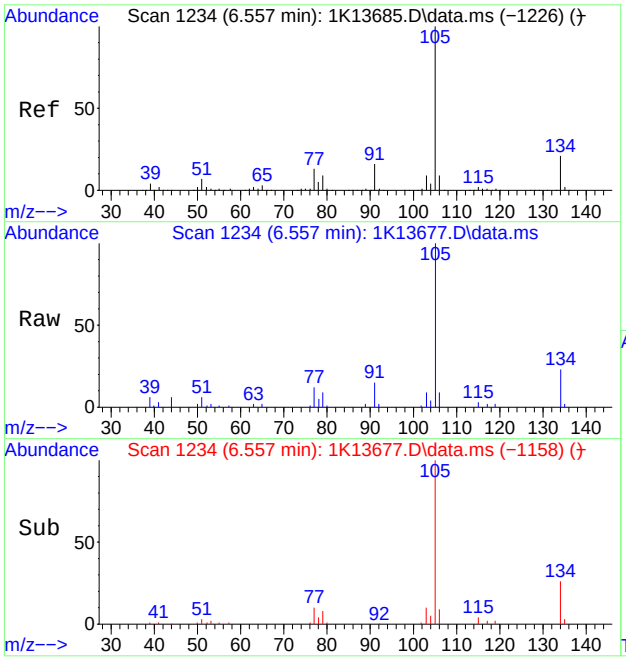


#107
1,2,4-trimethylbenzene
Concen: 1.96 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:105 Resp: 30771

Ion	Ratio	Lower	Upper
105	100		
120	44.1	16.6	76.6
119	11.3	0.0	41.7

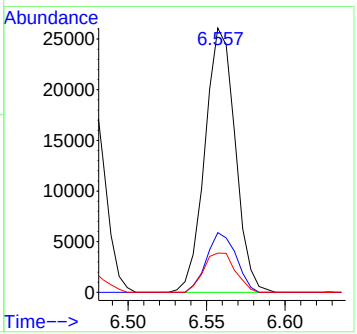


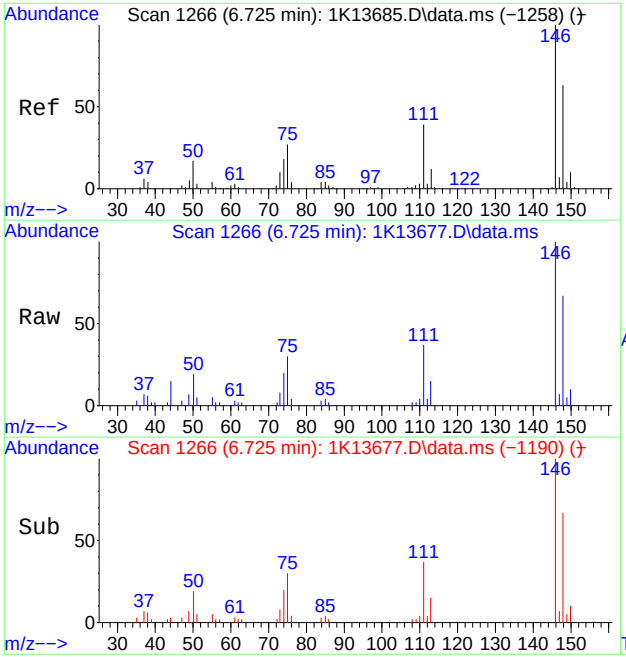


#108
sec-butylbenzene
Concen: 1.94 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:105 Resp: 34970

Ion	Ratio	Lower	Upper
105	100		
134	22.6	0.0	50.7
91	14.8	0.0	45.7

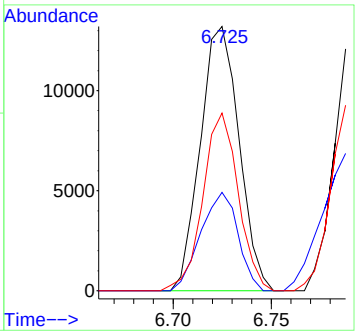


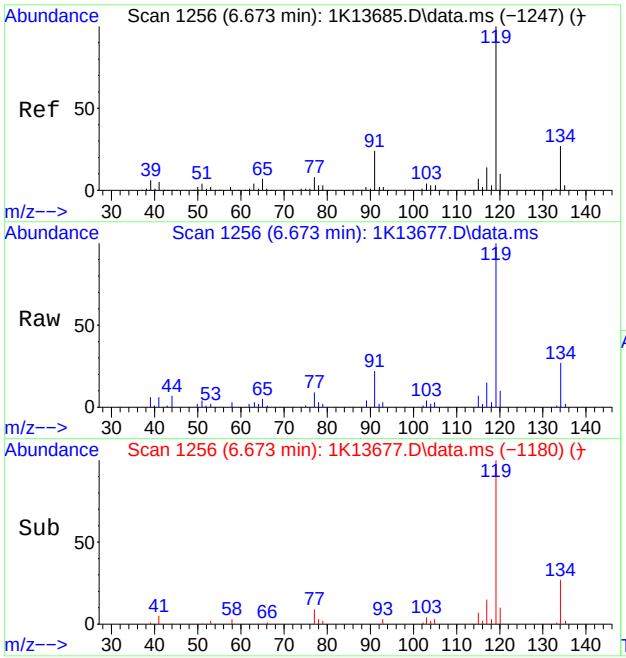


#109
1,3-dichlorobenzene
Concen: 1.98 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:146 Resp: 18154

Ion	Ratio	Lower	Upper
146	100		
111	37.3	8.8	68.8
148	67.2	33.3	93.3

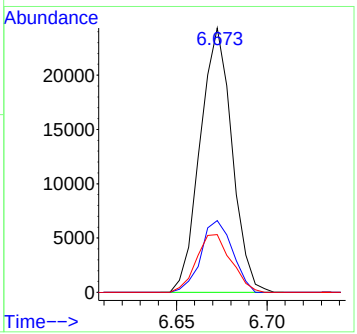


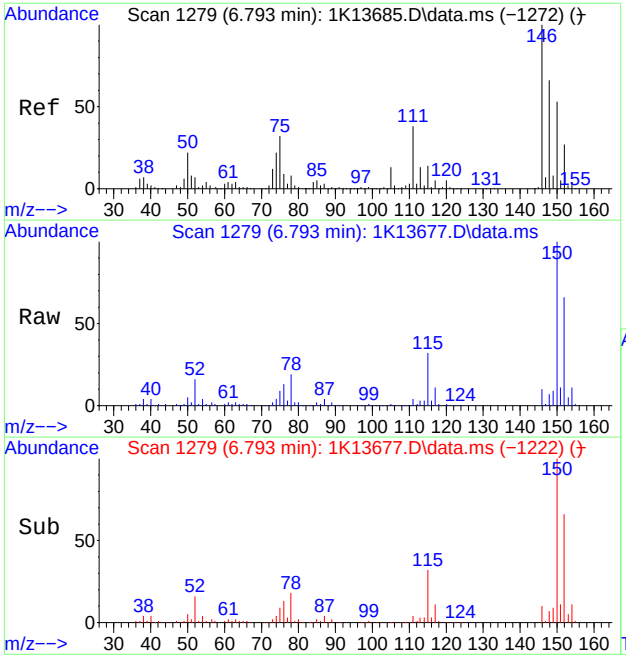


#110
p-isopropyltoluene
Concen: 1.97 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:119 Resp: 29788

Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	57.5
91	21.8	0.0	53.9

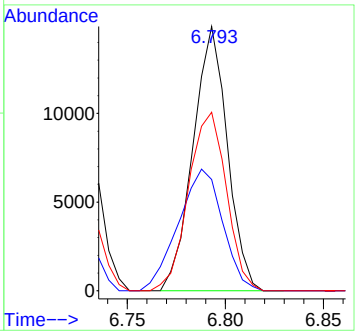


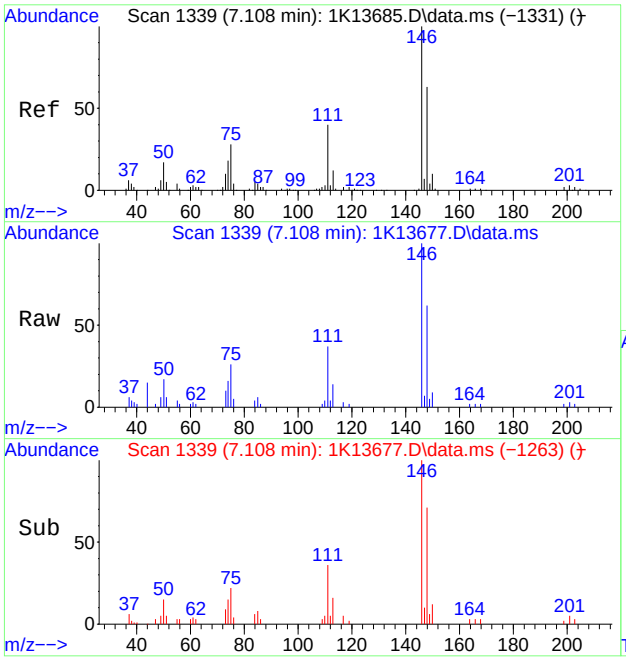


#111
1,4-dichlorobenzene
Concen: 1.95 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:146 Resp: 18168

Ion	Ratio	Lower	Upper
146	100		
111	42.1	7.8	67.8
148	67.6	35.5	95.5

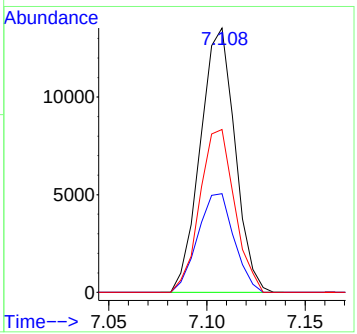




#112
1,2-dichlorobenzene
Concen: 1.91 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

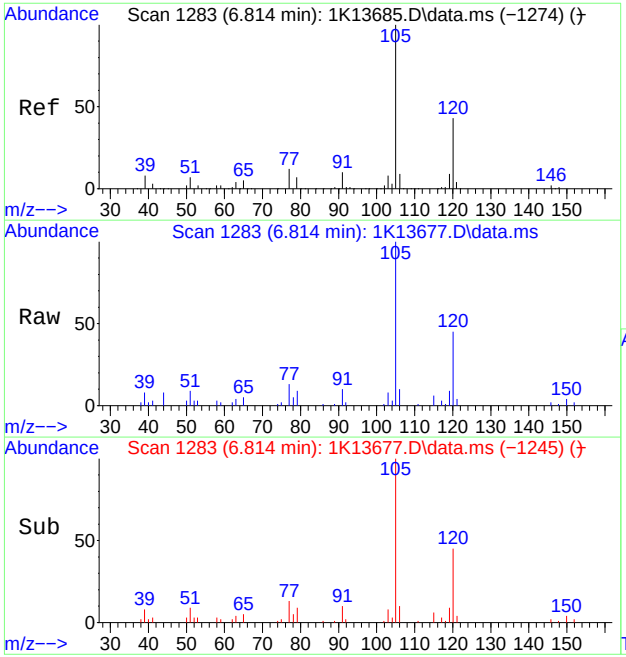
Tgt Ion:146 Resp: 16690

Ion	Ratio	Lower	Upper
146	100		
111	37.4	9.5	69.5
148	61.5	32.9	92.9



7.6.17

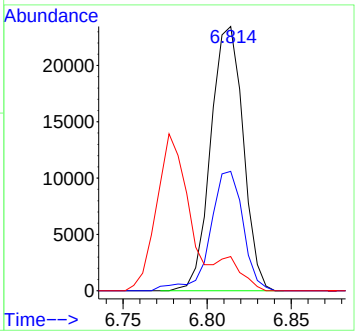
7

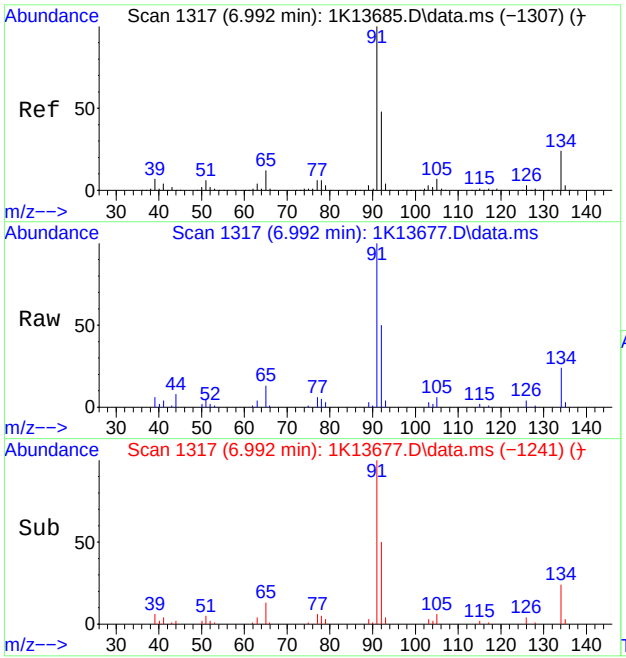


#113
1,2,3-trimethylbenzene
Concen: 1.89 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:105 Resp: 31566

Ion	Ratio	Lower	Upper
105	100		
120	45.2	13.3	73.3
77	13.0	0.0	42.2

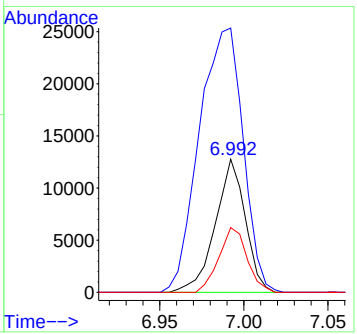


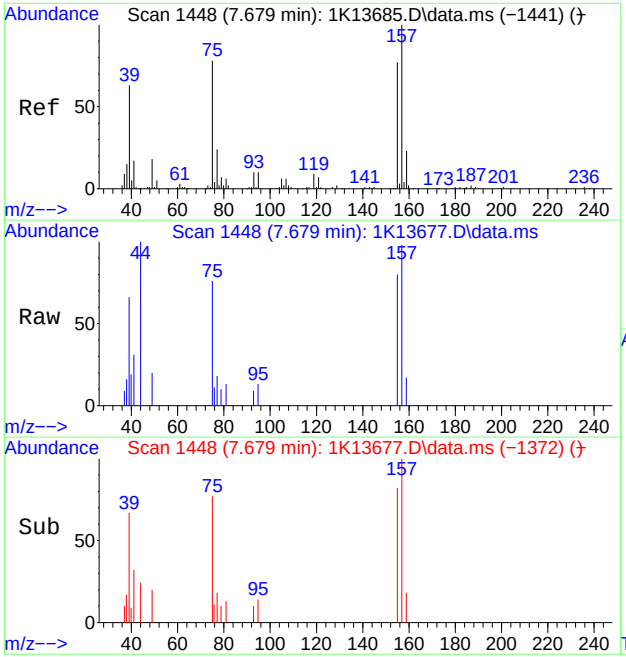


#114
n-butylbenzene
Concen: 1.95 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion: 92 Resp: 15889

Ion	Ratio	Lower	Upper
92	100		
91	198.4	176.9	236.9
134	48.5	18.8	78.8

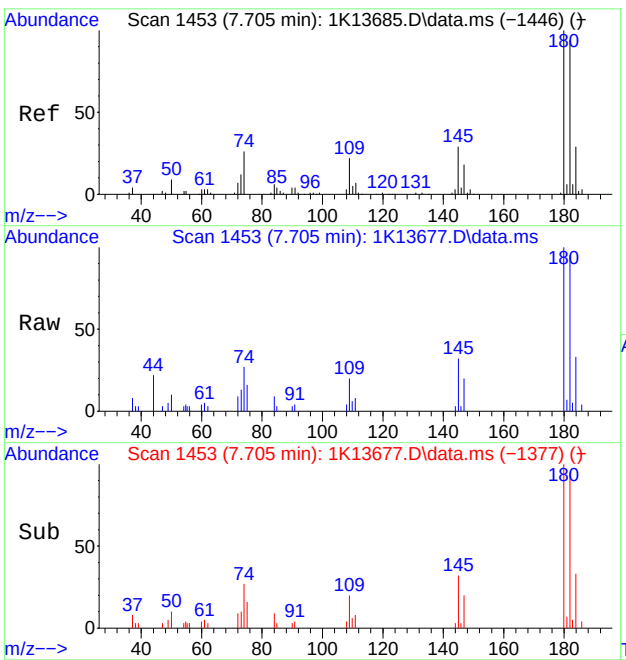




#115
1,2-dibromo-3-chloropropane
Concen: 1.77 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:157 Resp: 3125

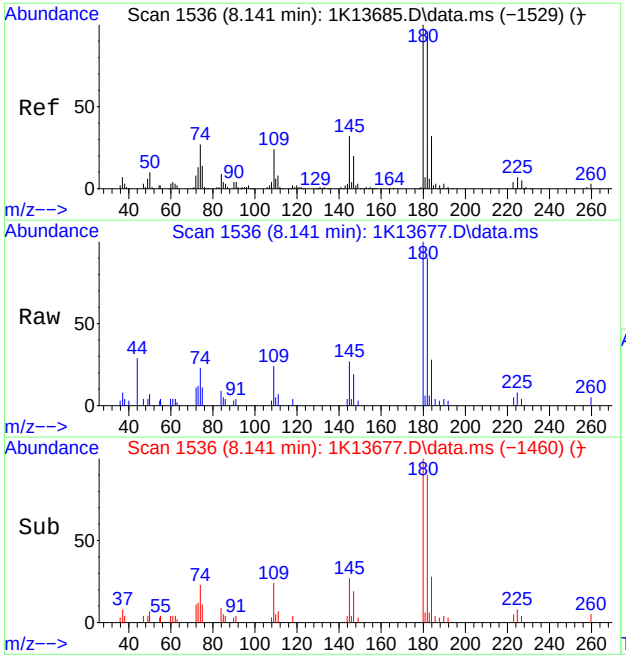
Ion	Ratio	Lower	Upper
157	100		
155	81.6	47.4	107.4
75	77.0	47.7	107.7



#116
1,3,5-trichlorobenzene
Concen: 1.93 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:180 Resp: 11183

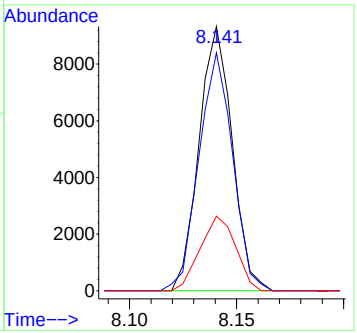
Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.2	114.2
184	32.8	9.3	49.3

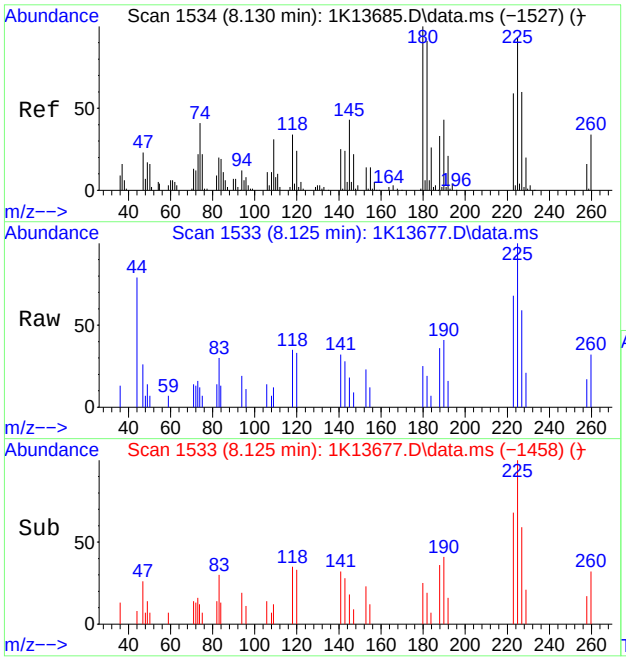


#117
1,2,4-trichlorobenzene
Concen: 1.91 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:180 Resp: 10061

Ion	Ratio	Lower	Upper
180	100		
182	90.0	66.2	126.2
184	28.2	1.6	61.6

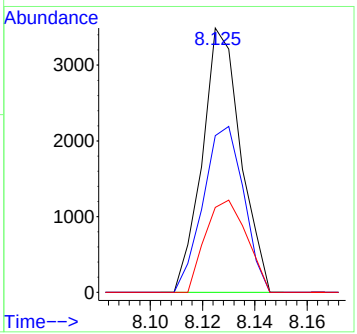


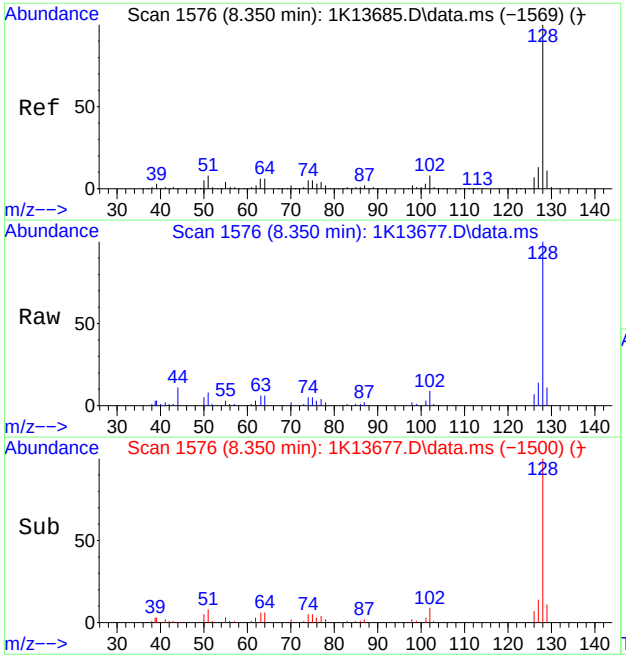


#118
hexachlorobutadiene
Concen: 2.02 ug/L
RT: 8.125 min Scan# 1533
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:225 Resp: 3588

Ion	Ratio	Lower	Upper
225	100		
227	59.3	34.0	94.0
260	32.1	6.4	66.4

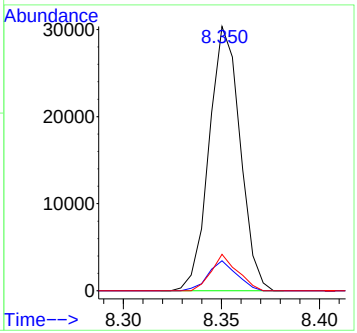


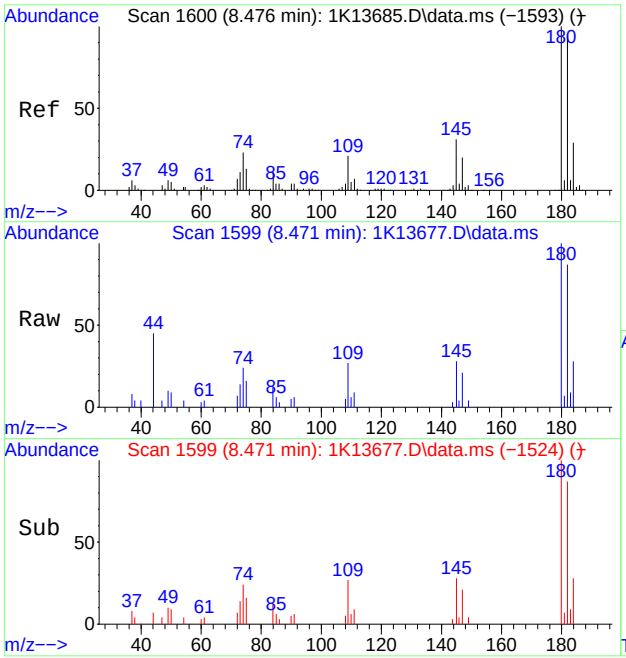


#119
naphthalene
Concen: 1.79 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:128 Resp: 33286

Ion	Ratio	Lower	Upper
128	100		
129	11.4	0.0	40.7
127	13.8	0.0	42.5

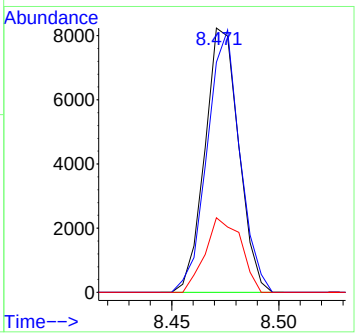


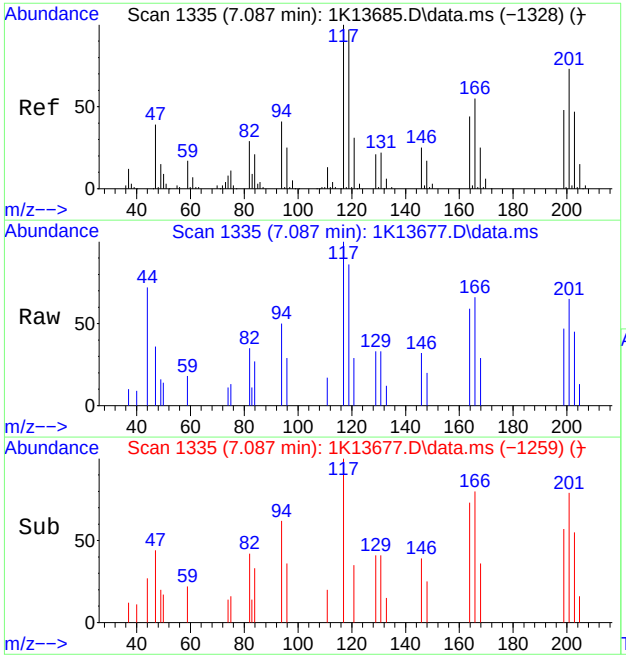


#120
1,2,3-trichlorobenzene
Concen: 1.87 ug/L
RT: 8.471 min Scan# 1599
Delta R.T. -0.005 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:180 Resp: 9082

Ion	Ratio	Lower	Upper
180	100		
182	87.1	64.7	124.7
184	28.2	0.0	59.2

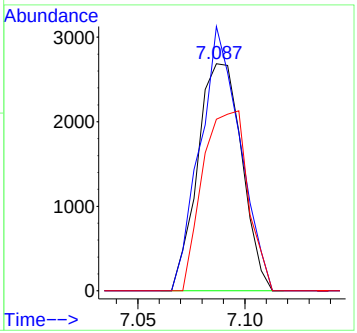


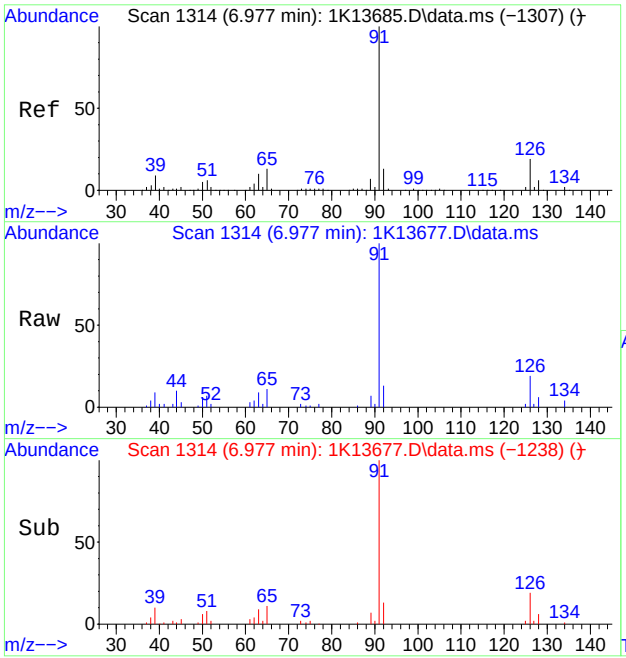


#121
hexachloroethane
Concen: 1.89 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:119 Resp: 3866

Ion	Ratio	Lower	Upper
119	100		
117	116.4	73.4	133.4
201	75.5	45.3	105.3

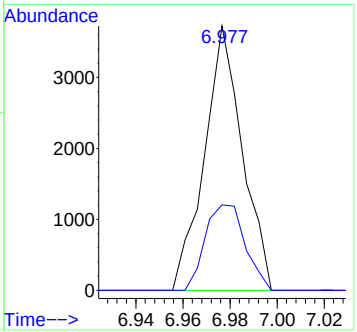


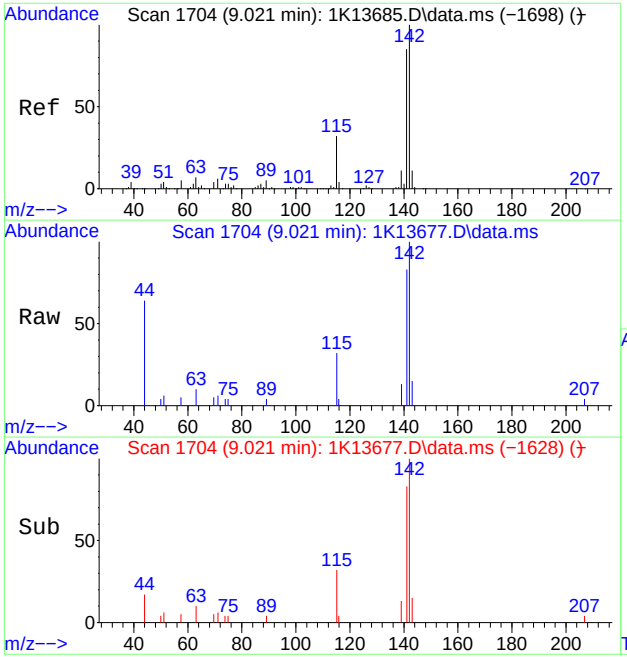


#122
benzyl chloride
Concen: 1.80 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:126 Resp: 4173

Ion	Ratio	Lower	Upper
126	100		
128	32.3	2.6	62.6

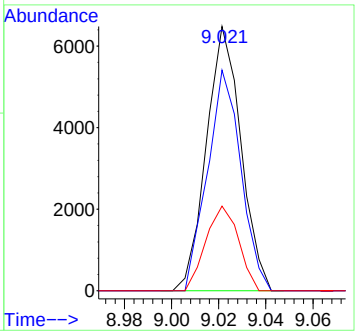




#123
2-methylnaphthalene
Concen: 0.93 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13677.D
Acq: 2 Dec 2023 3:22 pm

Tgt Ion:142 Resp: 6626

Ion	Ratio	Lower	Upper
142	100		
141	83.4	55.2	115.2
115	32.0	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13679.D
Acq On : 2 Dec 2023 3:55 pm
Operator : PrashanS
Sample : IC376-4
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 15:46:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	495988	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	496897	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	891630	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	747379	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	368360	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	496897	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	368360	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	246246	49.34	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 98.68%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	289186	50.15	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.30%				
73) toluene-d8 (s)	4.062	98	1026659	50.40	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.80%				
97) 4-bromofluorobenzene (s)	5.923	95	362998	50.39	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.78%				
Target Compounds							Qvalue
2) ethanol	1.676	45	48693	405.82	ug/L		98
3) tertiary butyl alcohol	2.090	59	26491	19.99	ug/L	#	99
4) 1,4-dioxane	3.695	88	10603	104.28	ug/L		79
6) chlorodifluoromethane	1.120	51	24866	3.80	ug/L		88
7) dichlorodifluoromethane	1.094	85	17235	4.64	ug/L		98
8) chloromethane	1.199	50	17867	4.15	ug/L		96
9) vinyl chloride	1.230	62	20627	4.34	ug/L		99
10) 1,3-butadiene	1.230	39	18921	3.34	ug/L		98
11) bromomethane	1.377	96	3190	3.69	ug/L	#	97
12) chloroethane	1.435	64	11972	4.08	ug/L		97
13) trichlorofluoromethane	1.492	101	24772	4.36	ug/L		99
14) ethyl ether	1.618	74	10210	4.22	ug/L		85
15) acrolein	1.859	56	4455	3.79	ug/L		89
16) freon 113	1.728	151	12840	4.25	ug/L		96
17) 1,1-dichloroethene	1.718	61	24351	4.06	ug/L		99
18) acetone	1.980	58	15078	15.19	ug/L		96
19) acetonitrile	2.195	41	35166	40.82	ug/L		98
20) iodomethane	1.797	142	6058	2.91	ug/L		93
21) carbon disulfide	1.749	76	45276	3.89	ug/L		95
22) methylene chloride	1.975	84	17053	3.86	ug/L		94
23) methyl acetate	2.027	74	4360	4.08	ug/L	#	71
24) methyl tert butyl ether	2.074	73	49277	3.91	ug/L		89
25) trans-1,2-dichloroethene	2.043	96	15895	3.88	ug/L		99
26) hexane	2.069	57	40921	3.76	ug/L		98
27) di-isopropyl ether	2.232	45	52832	3.93	ug/L		99
28) ethyl tert-butyl ether	2.399	59	56043	4.05	ug/L		98
29) 2-butanone	2.819	72	16773	16.68	ug/L		90
30) 1,1-dichloroethane	2.316	63	31893	4.06	ug/L		98
31) chloroprene	2.305	53	30433	4.18	ug/L		98
32) acrylonitrile	2.331	52	7999	3.73	ug/L		99
33) vinyl acetate	2.405	86	4237	4.65	ug/L		98
34) ethyl acetate	2.719	70	2800	4.49	ug/L	#	81
35) 2,2-dichloropropane	2.614	77	25655	3.96	ug/L		96
36) cis-1,2-dichloroethene	2.562	96	17882	3.87	ug/L		93
37) propionitrile	2.976	54	52559	40.12	ug/L		85
38) methyl acrylate	2.730	85	4360	3.83	ug/L		95
39) bromochloromethane	2.656	128	8047	4.01	ug/L		96
40) tetrahydrofuran	2.761	71	4105	4.31	ug/L	#	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13679.D
Acq On : 2 Dec 2023 3:55 pm
Operator : PrashanS
Sample : IC376-4
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 15:46:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.683	47	9860	3.65	ug/L		98
43) methacrylonitrile	2.987	67	11527	4.07	ug/L		90
44) 1,1,1-trichloroethane	2.798	97	26743	4.12	ug/L		98
45) cyclohexane	2.672	84	29557	4.19	ug/L		98
46) 1,1-dichloropropene	2.856	75	24566	4.31	ug/L		98
47) carbon tetrachloride	2.767	117	22281	3.72	ug/L		91
48) isobutyl alcohol	3.018	43	33138	33.31	ug/L		87
49) tert-amyl alcohol	3.092	55	8285	18.94	ug/L		98
52) iso-octane	2.898	57	53982	4.00	ug/L		95
53) benzene	2.976	78	71793	4.11	ug/L		98
54) tert-amyl methyl ether	3.013	73	51279	3.79	ug/L		97
55) heptane	2.940	57	9521	3.83	ug/L		95
56) isopropyl acetate	3.165	87	4823	3.96	ug/L	#	86
57) 1,2-dichloroethane	3.076	62	25176	3.83	ug/L		99
58) n-butyl alcohol	3.401	56	67793	207.89	ug/L		96
59) ethyl acrylate	3.532	55	31837	4.28	ug/L		98
60) trichloroethene	3.275	130	17883	4.10	ug/L		97
61) 2-nitropropane	4.224	41	8336	3.61	ug/L		96
62) 2-chloroethyl vinyl ether	3.894	63	39917	21.87	ug/L		99
63) methyl methacrylate	3.653	100	5602	4.29	ug/L	#	88
64) 1,2-dichloropropane	3.558	63	18406	4.17	ug/L		97
65) methylcyclohexane	3.280	98	13855	4.14	ug/L	#	60
66) dibromomethane	3.501	93	9851	3.75	ug/L		89
67) bromodichloromethane	3.584	83	21504	3.90	ug/L		99
68) epichlorohydrin	4.088	57	17848	19.59	ug/L		83
69) cis-1,3-dichloropropene	3.946	75	28107	4.26	ug/L		98
70) 4-methyl-2-pentanone	4.308	58	39924	16.34	ug/L		96
71) 3-methyl-1-butanol	4.161	70	21414	81.58	ug/L		95
74) toluene	4.093	92	43168	3.99	ug/L		94
75) ethyl methacrylate	4.429	69	23921	4.09	ug/L		93
76) trans-1,3-dichloropropene	4.334	75	25165	3.96	ug/L		96
77) 1,1,2-trichloroethane	4.439	83	12644	4.14	ug/L		93
78) tetrachloroethene	4.339	166	17859	4.14	ug/L		85
79) 2-hexanone	4.848	58	46061	16.36	ug/L		94
80) 1,3-dichloropropane	4.623	76	27219	3.99	ug/L		98
81) butyl acetate	4.785	56	15855	4.18	ug/L		90
82) dibromochloromethane	4.560	129	14668	4.01	ug/L		90
83) 1,2-dibromoethane	4.722	107	15634	4.02	ug/L		91
84) n-butyl ether	4.995	57	82379	4.15	ug/L		98
85) chlorobenzene	5.068	112	45433	3.99	ug/L		91
86) 1,1,1,2-tetrachloroethane	5.110	131	14479	4.07	ug/L		93
87) ethylbenzene	5.084	91	85460	3.88	ug/L		100
88) m,p-xylene	5.189	106	64420	8.14	ug/L		95
89) o-xylene	5.488	106	31303	4.24	ug/L		99
90) styrene	5.524	104	50261	4.13	ug/L		95
91) bromoform	5.545	173	10093	4.10	ug/L		97
92) butyl acrylate	5.613	55	41163	4.14	ug/L		99
93) isopropylbenzene	5.718	105	74171	4.23	ug/L		98
94) n-amyl acetate	5.802	70	15408	4.34	ug/L		91
95) cis-1,4-dichloro-2-butene	5.970	88	7798	3.72	ug/L		91
98) bromobenzene	6.007	156	19276	4.12	ug/L		94
99) 1,1,2,2-tetrachloroethane	6.075	83	21585	4.18	ug/L		96
100) trans-1,4-dichloro-2-b...	6.206	53	8251	3.87	ug/L		94
101) 1,2,3-trichloropropane	6.174	110	7261	4.25	ug/L		97
102) n-propylbenzene	6.028	91	90662	4.03	ug/L		98
103) 2-chlorotoluene	6.143	126	18189	4.20	ug/L		99
104) 4-chlorotoluene	6.269	91	57242	4.00	ug/L		97
105) 1,3,5-trimethylbenzene	6.174	105	63776	4.22	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13679.D
Acq On : 2 Dec 2023 3:55 pm
Operator : PrashanS
Sample : IC376-4
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 15:46:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

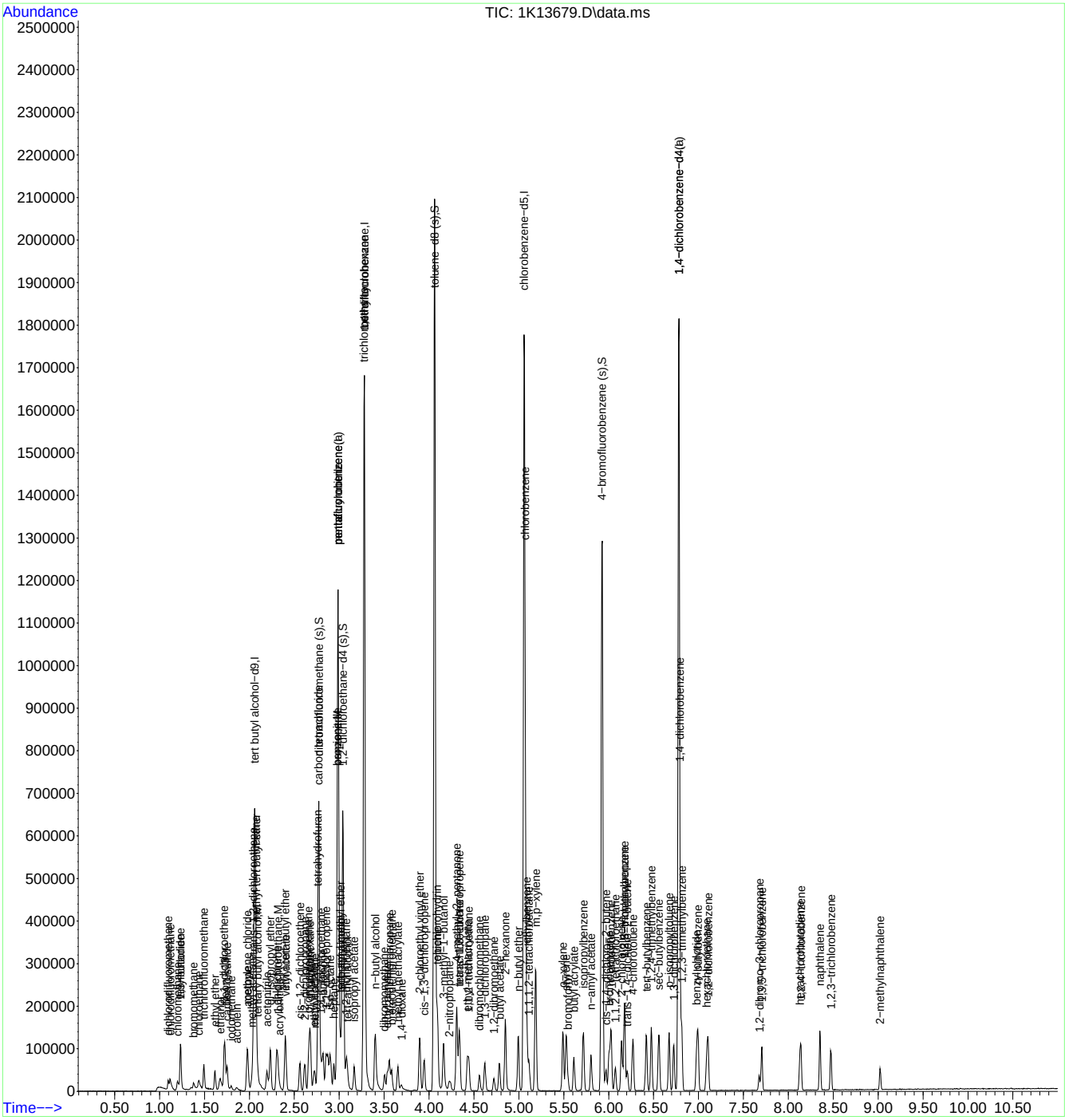
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	53084	4.15	ug/L	99
107) 1,2,4-trimethylbenzene	6.473	105	66430	4.26	ug/L	96
108) sec-butylbenzene	6.557	105	75322	4.21	ug/L	100
109) 1,3-dichlorobenzene	6.725	146	37246	4.09	ug/L	97
110) p-isopropyltoluene	6.673	119	62877	4.18	ug/L	99
111) 1,4-dichlorobenzene	6.793	146	37953	4.11	ug/L	96
112) 1,2-dichlorobenzene	7.108	146	35436	4.10	ug/L	98
113) 1,2,3-trimethylbenzene	6.814	105	66298	4.03	ug/L	99
114) n-butylbenzene	6.992	92	33156	4.10	ug/L	96
115) 1,2-dibromo-3-chloropr...	7.679	157	6679	3.91	ug/L	93
116) 1,3,5-trichlorobenzene	7.705	180	22896	3.99	ug/L	99
117) 1,2,4-trichlorobenzene	8.141	180	20474	3.93	ug/L	93
118) hexachlorobutadiene	8.130	225	8021	4.53	ug/L	98
119) naphthalene	8.350	128	69259	3.83	ug/L	98
120) 1,2,3-trichlorobenzene	8.476	180	19365	4.05	ug/L	97
121) hexachloroethane	7.092	119	7760	3.86	ug/L	85
122) benzyl chloride	6.977	126	9529	4.26	ug/L	88
123) 2-methylnaphthalene	9.021	142	15154	2.18	ug/L	92

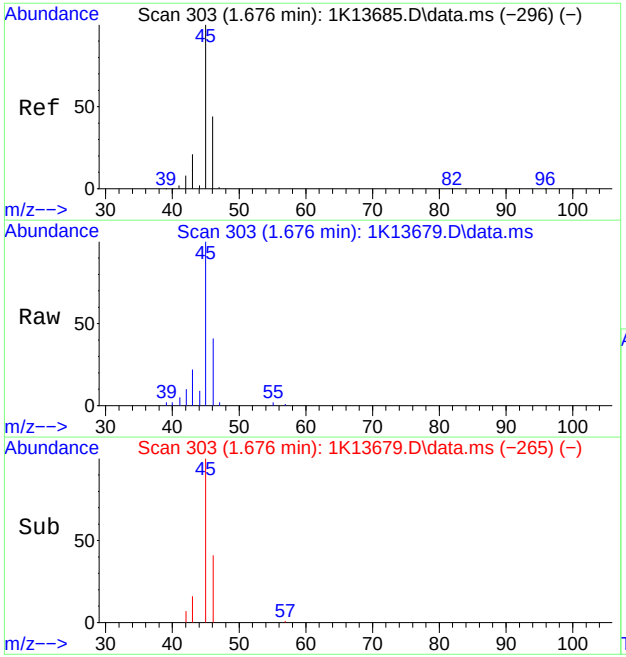
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13679.D
Acq On : 2 Dec 2023 3:55 pm
Operator : PrashanS
Sample : IC376-4
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 04 15:46:16 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

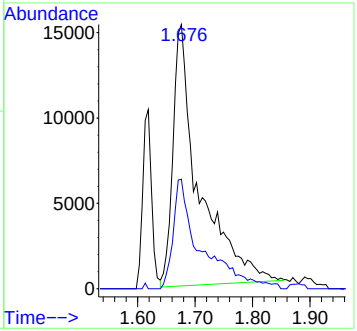


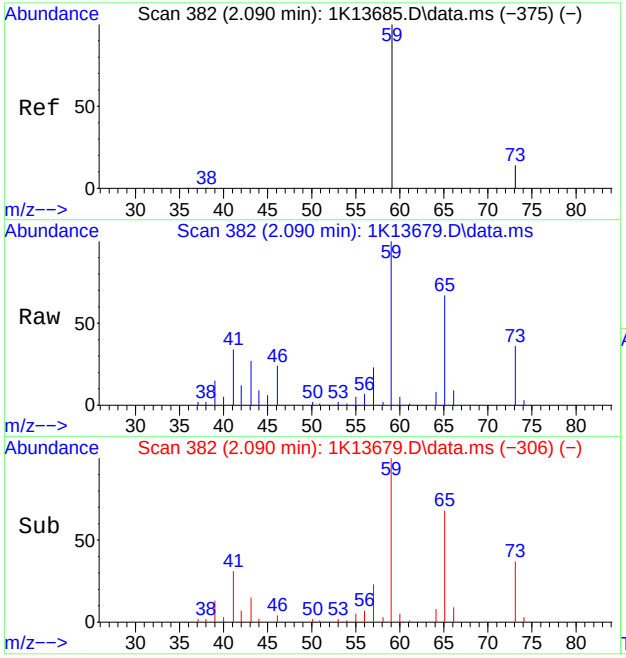


#2
ethanol
Concen: 405.82 ug/L
RT: 1.676 min Scan# 303
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 45 Resp: 48693

Ion	Ratio	Lower	Upper
45	100		
46	42.8	23.9	63.9

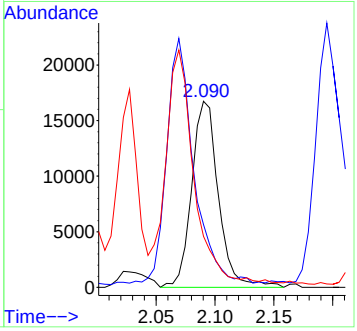


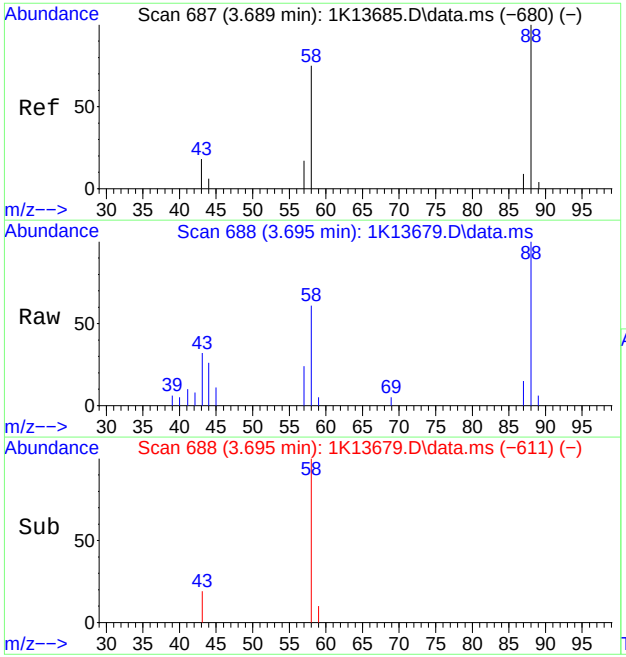


#3
tertiary butyl alcohol
Concen: 19.99 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 59 Resp: 26491

Ion	Ratio	Lower	Upper
59	100		
41	30.6	0.0	30.0#
43	25.1	0.0	54.8

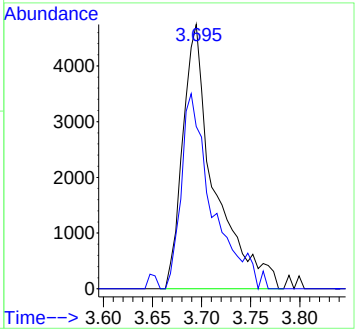


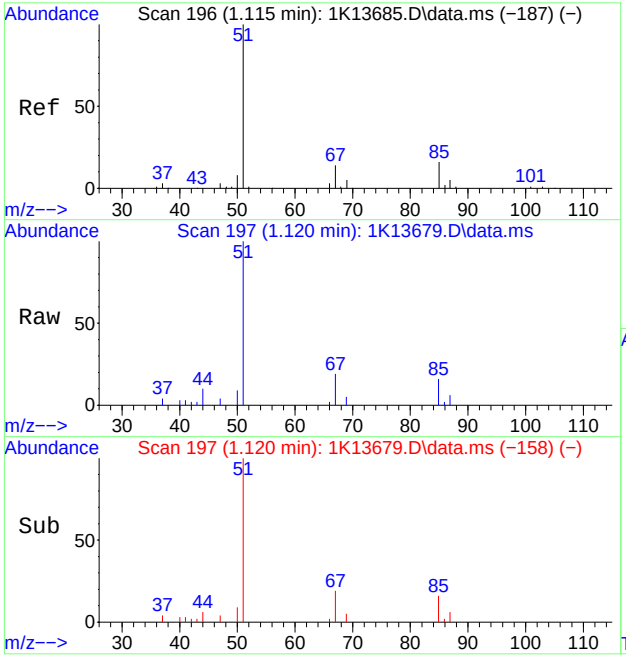


#4
1,4-dioxane
Concen: 104.28 ug/L
RT: 3.695 min Scan# 688
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 88 Resp: 10603

Ion	Ratio	Lower	Upper
88	100		
58	61.4	59.5	99.5

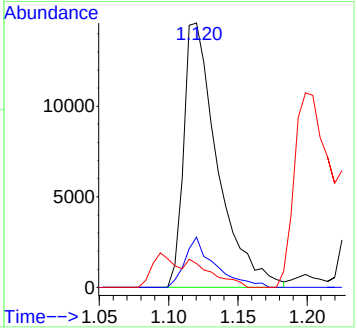


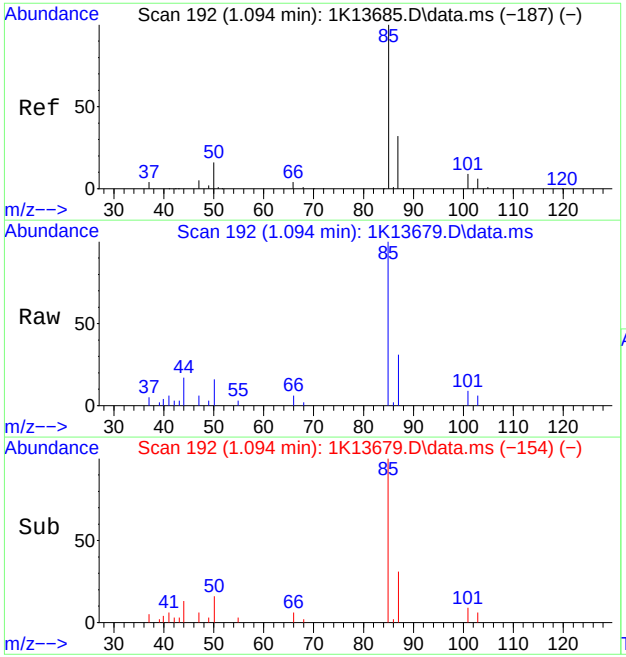


#6
chlorodifluoromethane
Concen: 3.80 ug/L
RT: 1.120 min Scan# 197
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 51 Resp: 24866

Ion	Ratio	Lower	Upper
51	100		
67	19.0	0.0	44.3
50	2.9	0.0	37.7

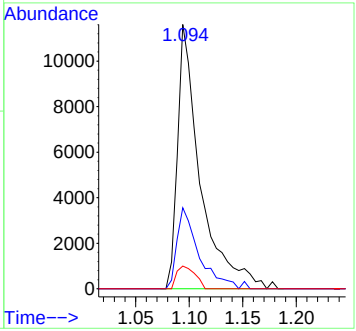


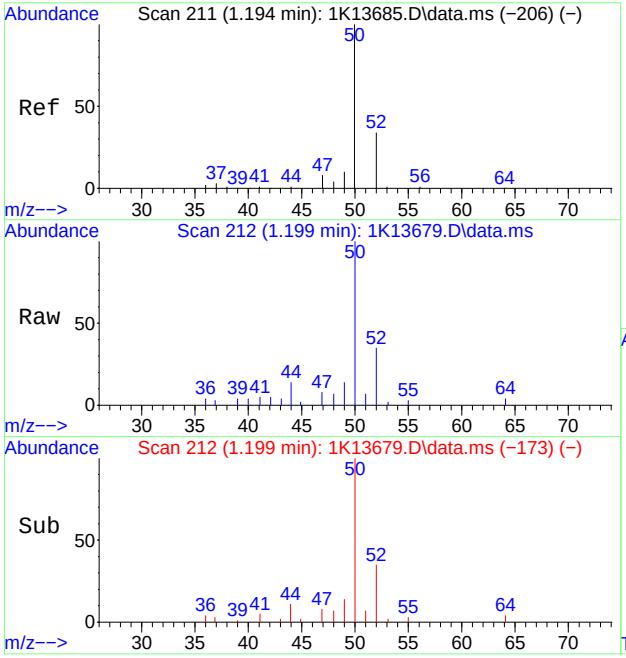


#7
dichlorodifluoromethane
Concen: 4.64 ug/L
RT: 1.094 min Scan# 192
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 85 Resp: 17235

Ion	Ratio	Lower	Upper
85	100		
87	30.7	2.2	62.2
101	8.6	0.0	39.0

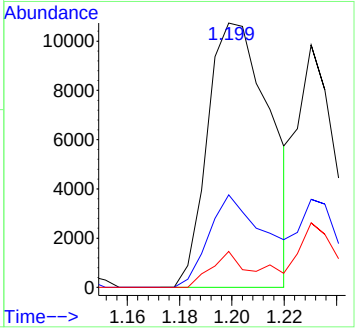


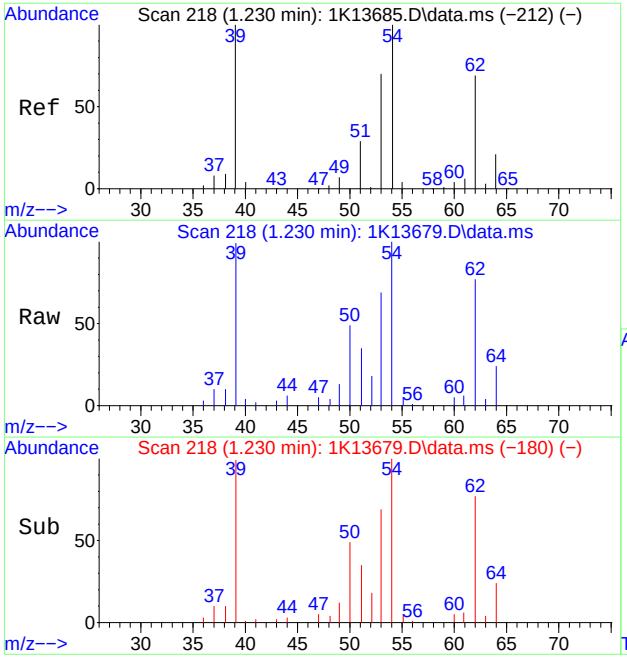


#8
chloromethane
Concen: 4.15 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 50 Resp: 17867

Ion	Ratio	Lower	Upper
50	100		
52	35.0	3.6	63.6
49	13.5	0.0	40.4

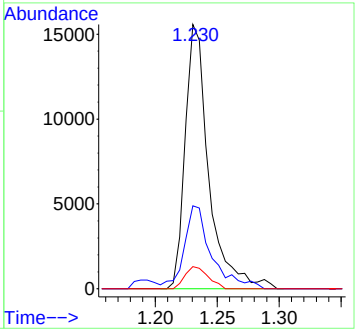


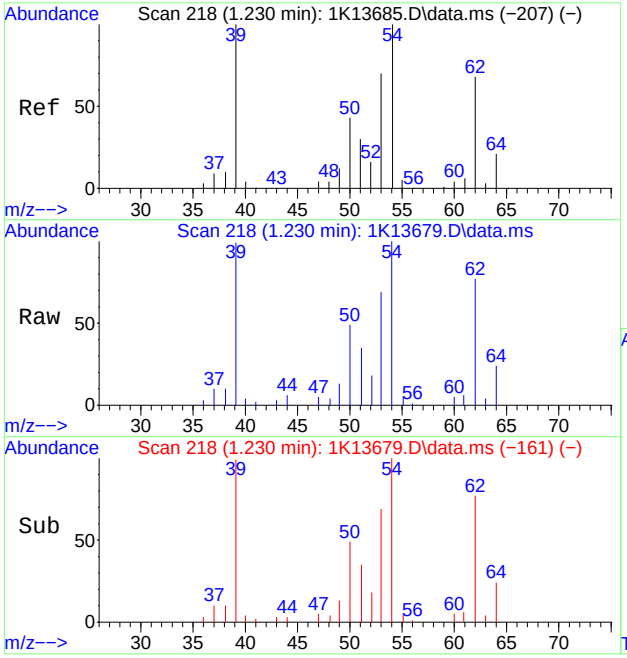


#9
vinyl chloride
Concen: 4.34 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 62 Resp: 20627

Ion	Ratio	Lower	Upper
62	100		
64	31.4	1.3	61.3
61	8.4	0.0	39.1

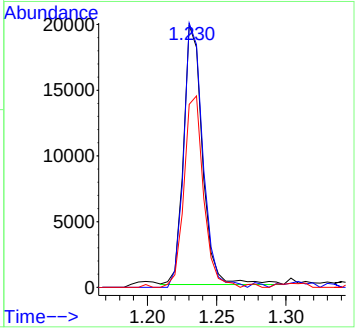


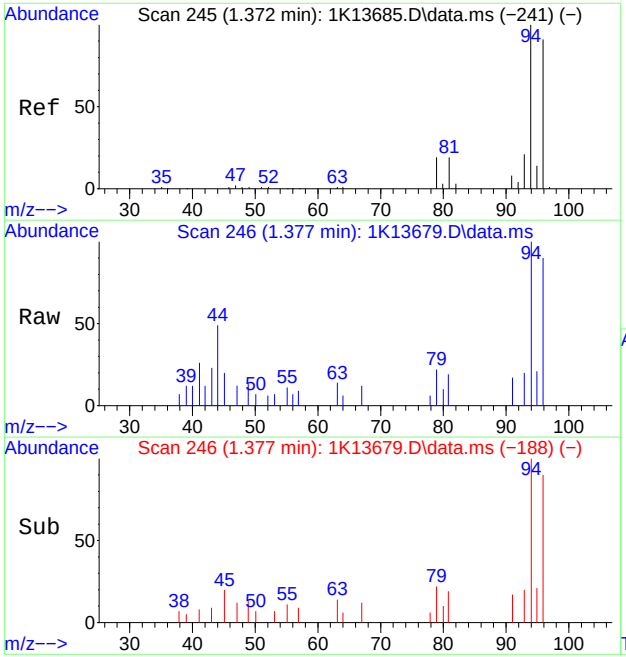


#10
1,3-butadiene
Concen: 3.34 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 39 Resp: 18921

Ion	Ratio	Lower	Upper
39	100		
54	102.0	69.8	129.8
53	70.7	40.1	100.1

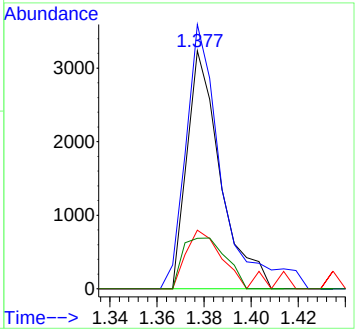


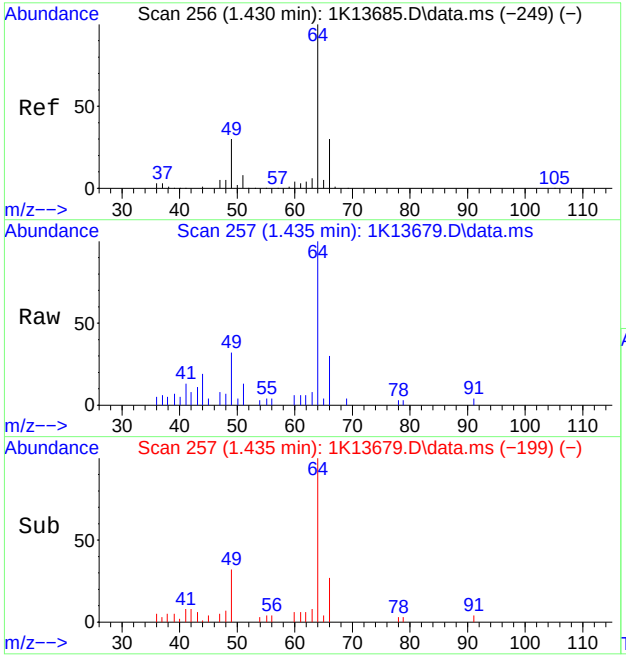


#11
bromomethane
Concen: 3.69 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 96 Resp: 3190

Ion	Ratio	Lower	Upper
96	100		
94	111.1	79.4	139.4
79	24.7	20.3	20.3#
81	21.2	0.9	40.9

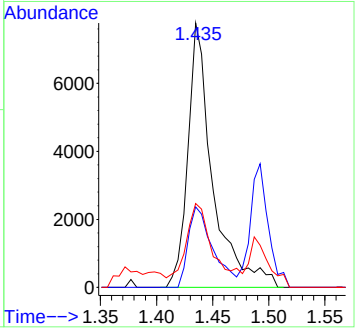


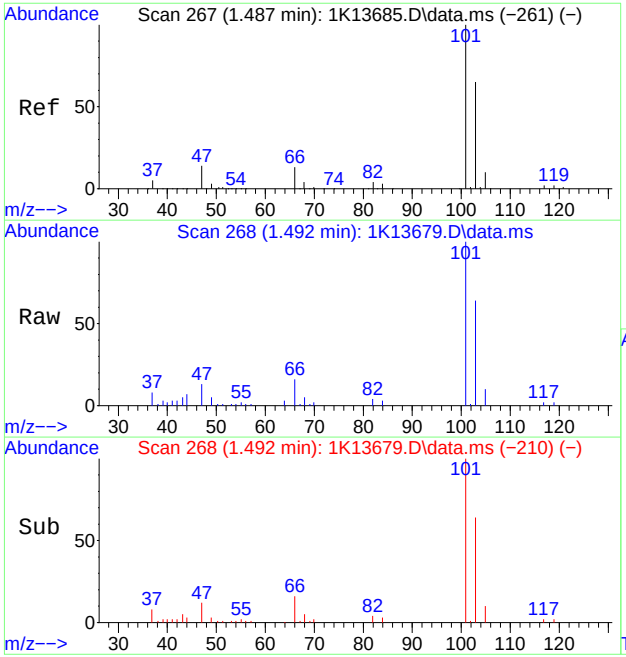


#12
chloroethane
Concen: 4.08 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 64 Resp: 11972

Ion	Ratio	Lower	Upper
64	100		
66	30.4	0.2	60.2
49	26.8	0.3	60.3

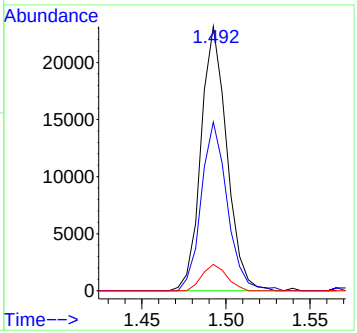


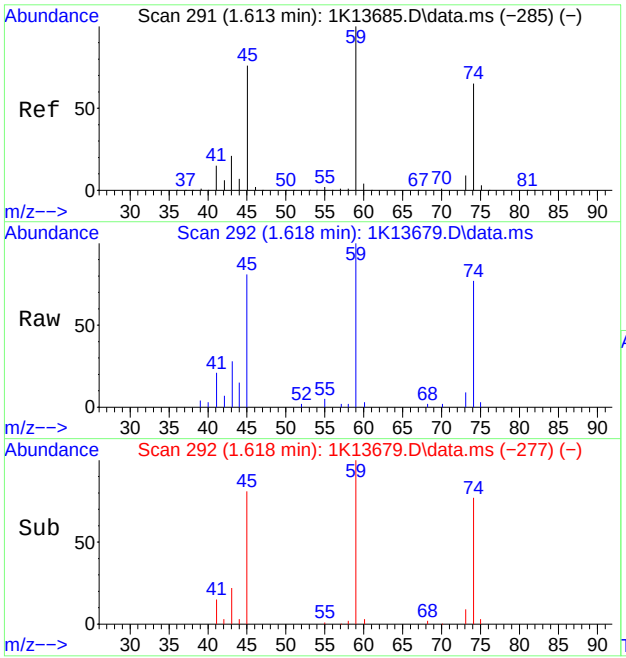


#13
trichlorofluoromethane
Concen: 4.36 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:101 Resp: 24772

Ion	Ratio	Lower	Upper
101	100		
103	63.8	35.0	95.0
105	10.0	0.0	40.5

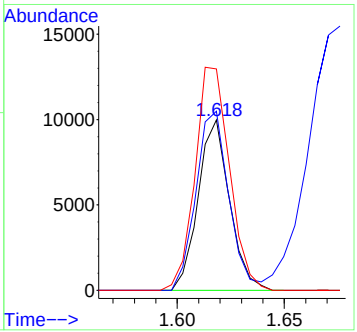


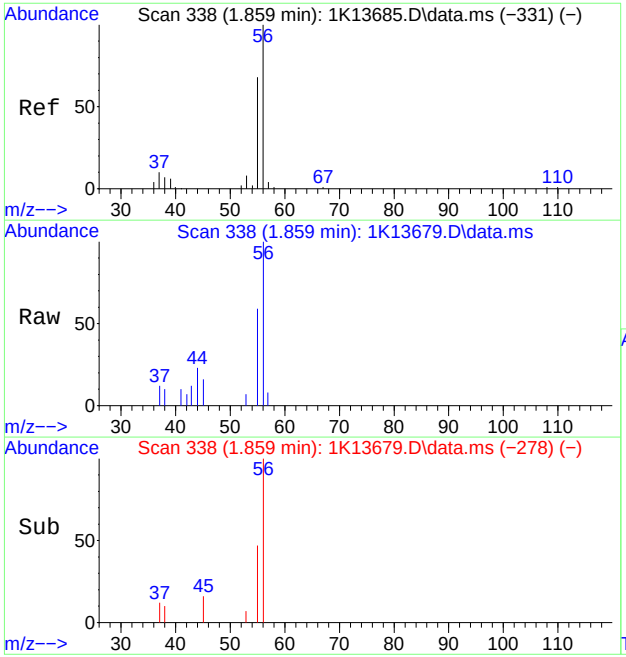


#14
ethyl ether
Concen: 4.22 ug/L
RT: 1.618 min Scan# 292
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 74 Resp: 10210

Ion	Ratio	Lower	Upper
74	100		
45	105.2	87.4	147.4
59	130.0	124.0	184.0

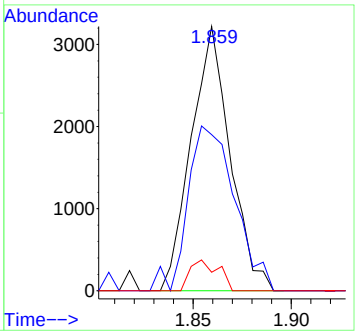


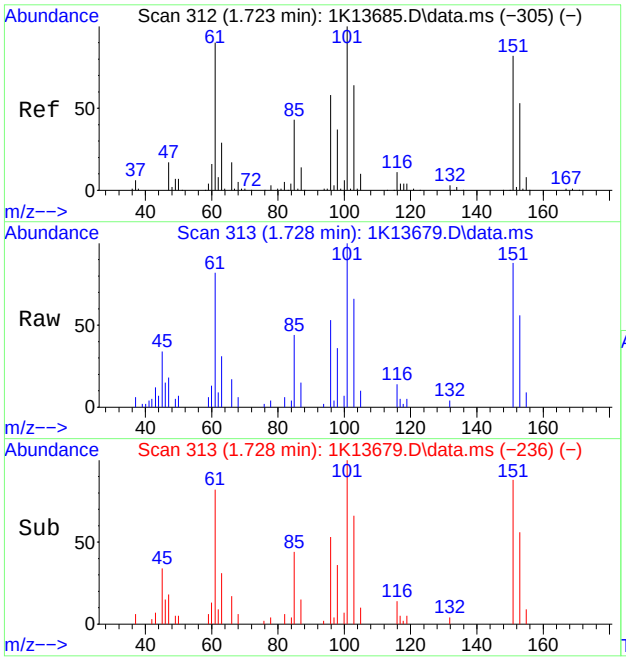


#15
acrolein
Concen: 3.79 ug/L
RT: 1.859 min Scan# 338
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 56 Resp: 4455

Ion	Ratio	Lower	Upper
56	100		
55	59.0	38.3	98.3
53	7.0	0.0	38.3

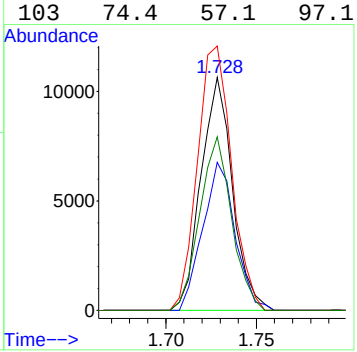


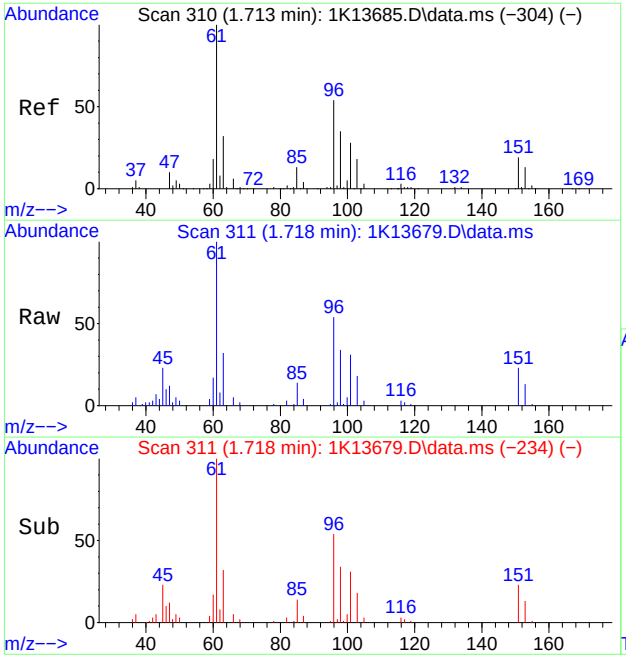


#16
freon 113
Concen: 4.25 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:151 Resp: 12840

Ion	Ratio	Lower	Upper
151	100		
153	63.5	44.1	84.1
101	113.5	101.5	141.5
103	74.4	57.1	97.1

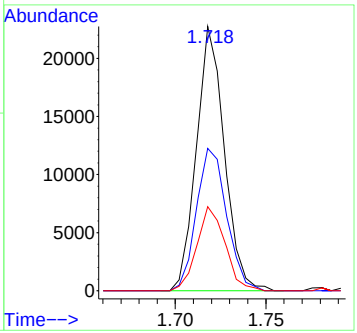


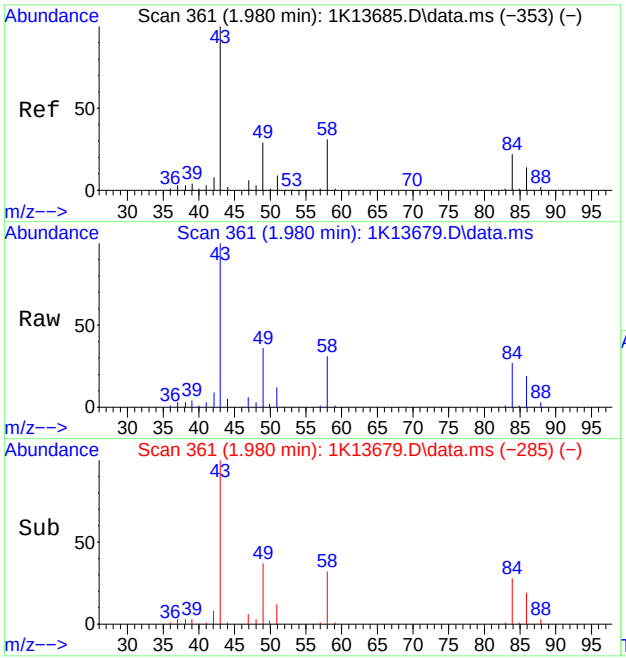


#17
1,1-dichloroethene
Concen: 4.06 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 61 Resp: 24351

Ion	Ratio	Lower	Upper
61	100		
96	53.8	24.4	84.4
63	31.8	2.1	62.1

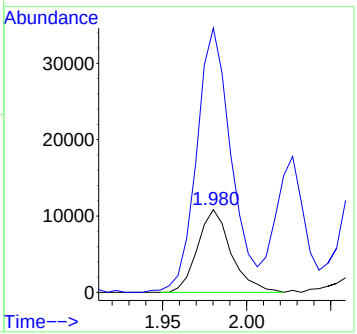


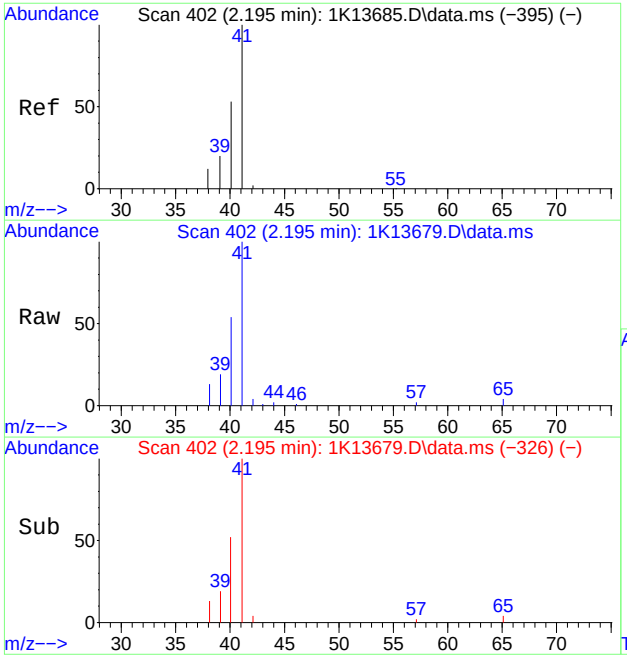


#18
acetone
Concen: 15.19 ug/L
RT: 1.980 min Scan# 361
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 58 Resp: 15078

Ion	Ratio	Lower	Upper
58	100		
43	317.0	295.2	355.2

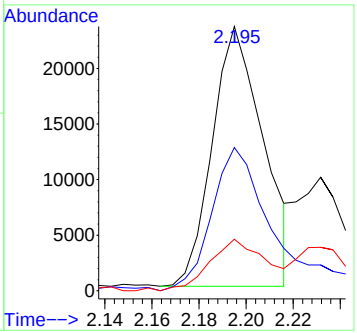


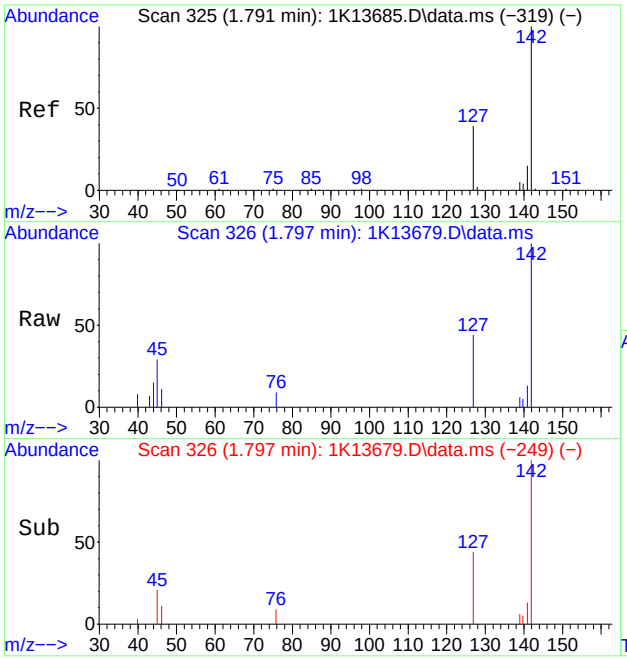


#19
acetonitrile
Concen: 40.82 ug/L
RT: 2.195 min Scan# 402
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 41 Resp: 35166

Ion	Ratio	Lower	Upper
41	100		
40	55.1	23.4	83.4
39	19.8	0.0	50.4

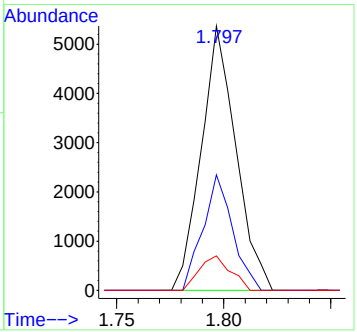




#20
iodomethane
Concen: 2.91 ug/L
RT: 1.797 min Scan# 326
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

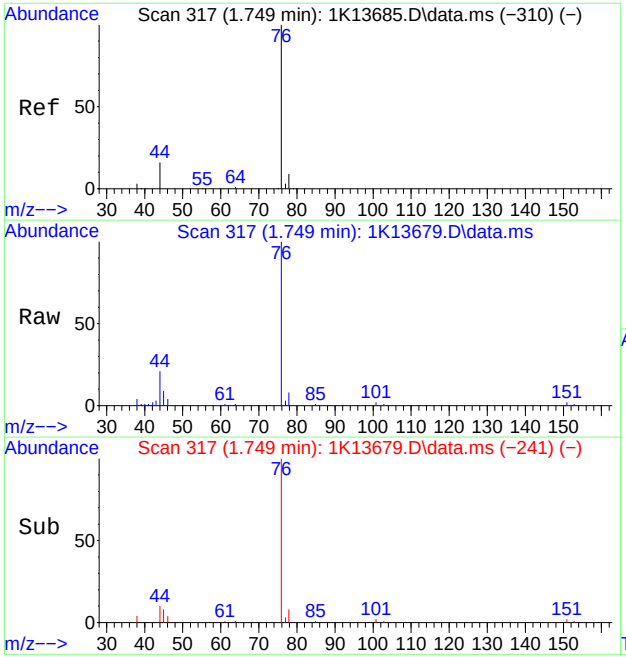
Tgt Ion:142 Resp: 6058

Ion	Ratio	Lower	Upper
142	100		
127	43.7	8.7	68.7
141	13.0	0.0	44.9



7.6.18

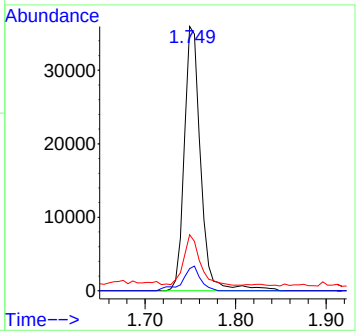
7

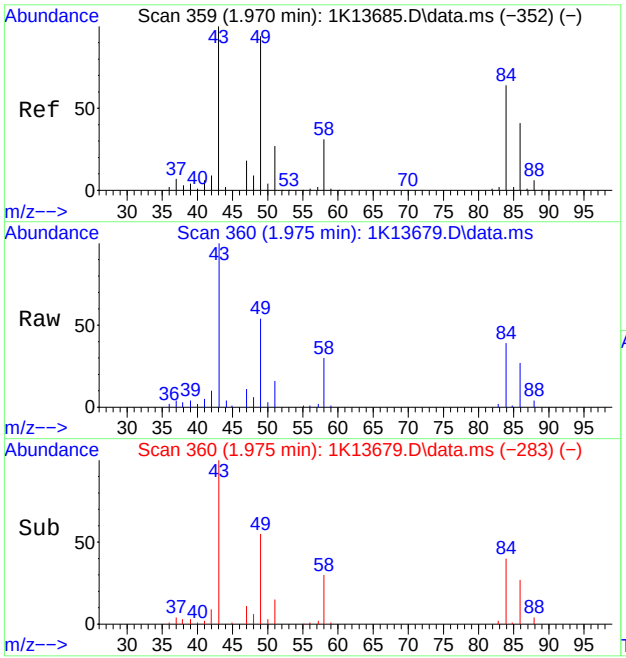


#21
carbon disulfide
Concen: 3.89 ug/L
RT: 1.749 min Scan# 317
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 76 Resp: 45276

Ion	Ratio	Lower	Upper
76	100		
78	8.4	0.0	39.2
44	18.9	0.0	46.4

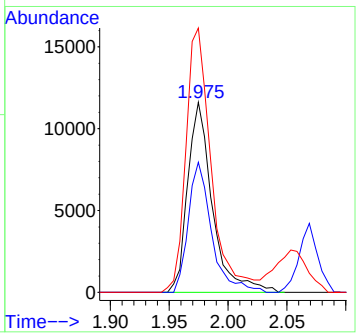


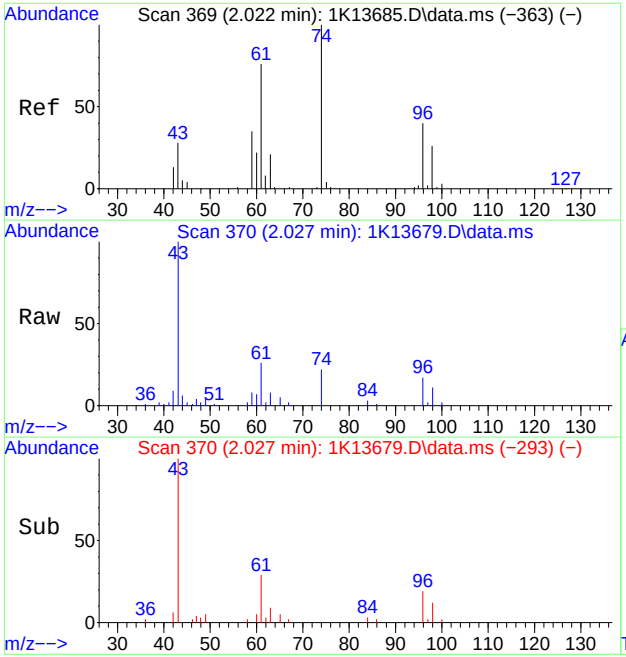


#22
methylene chloride
Concen: 3.86 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 84 Resp: 17053

Ion	Ratio	Lower	Upper
84	100		
86	68.5	33.4	93.4
49	139.1	117.1	177.1

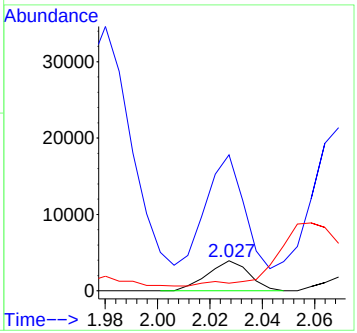


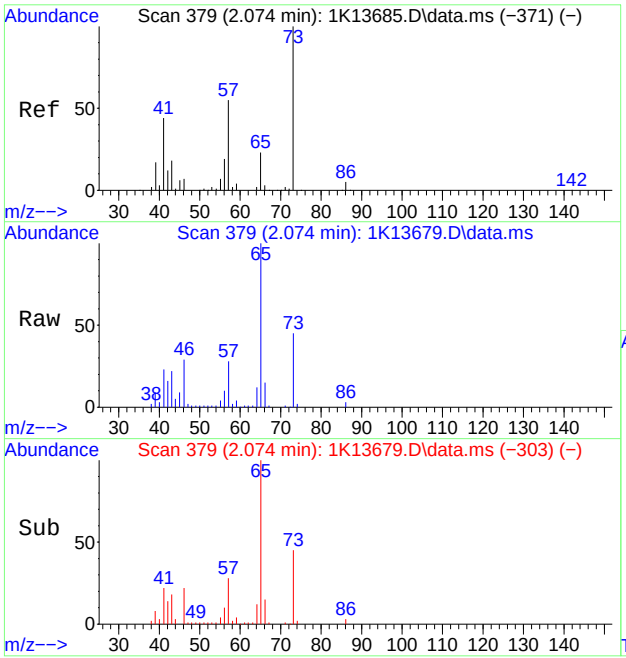


#23
methyl acetate
Concen: 4.08 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 74 Resp: 4360

Ion	Ratio	Lower	Upper
74	100		
43	355.0	397.4	457.4#
44	7.8	0.0	35.1

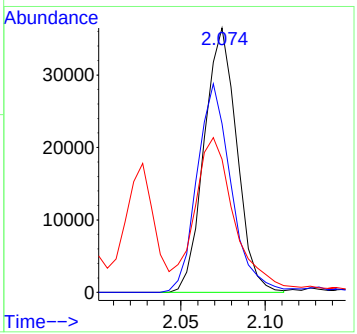


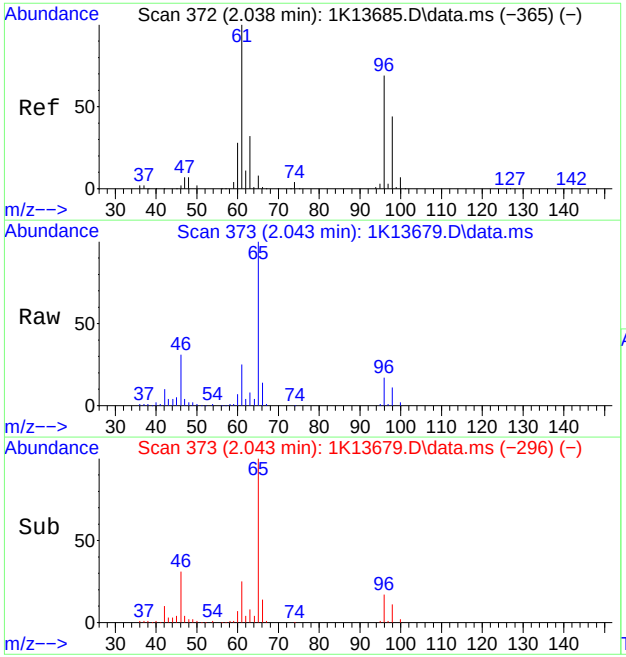


#24
methyl tert butyl ether
Concen: 3.91 ug/L
RT: 2.074 min Scan# 379
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 73 Resp: 49277

Ion	Ratio	Lower	Upper
73	100		
57	63.8	25.1	85.1
43	47.7	12.1	72.1

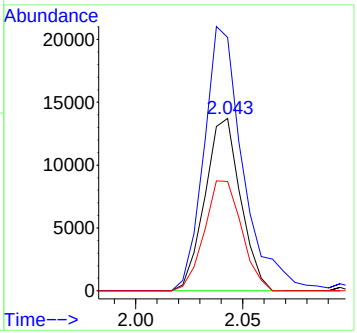


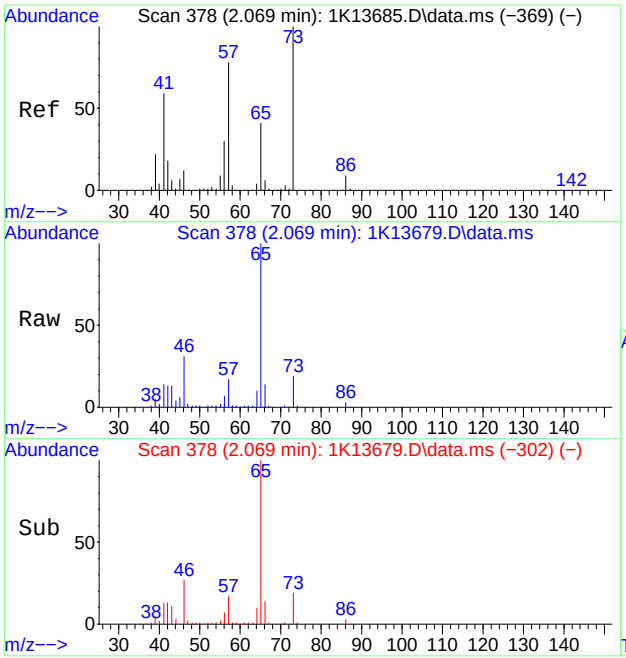


#25
trans-1,2-dichloroethene
Concen: 3.88 ug/L
RT: 2.043 min Scan# 373
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 96 Resp: 15895

Ion	Ratio	Lower	Upper
96	100		
61	146.9	115.9	175.9
98	63.4	34.7	94.7

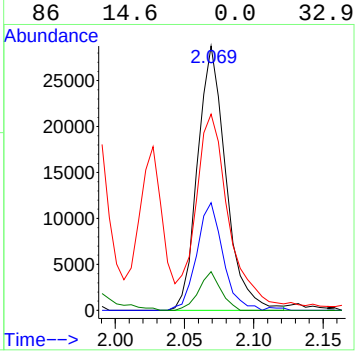


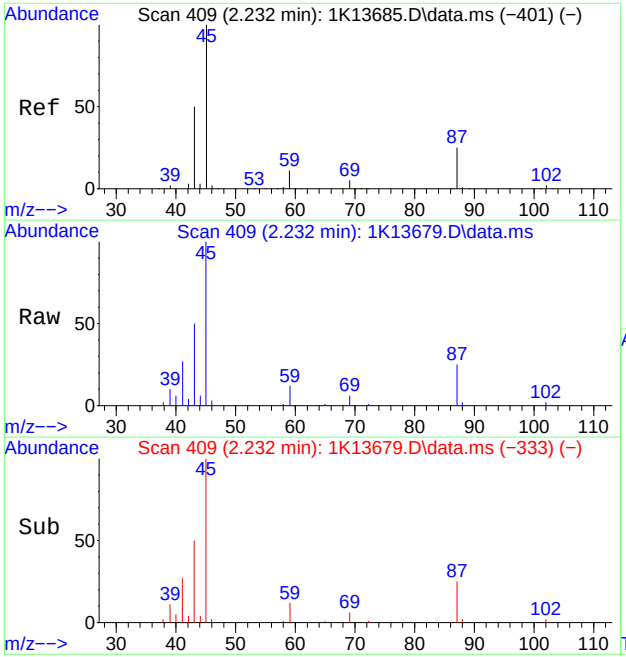


#26
hexane
Concen: 3.76 ug/L
RT: 2.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 57 Resp: 40921

Ion	Ratio	Lower	Upper
57	100		
56	40.7	18.5	58.5
43	71.7	50.7	90.7
86	14.6	0.0	32.9

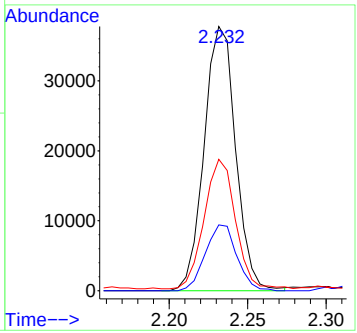


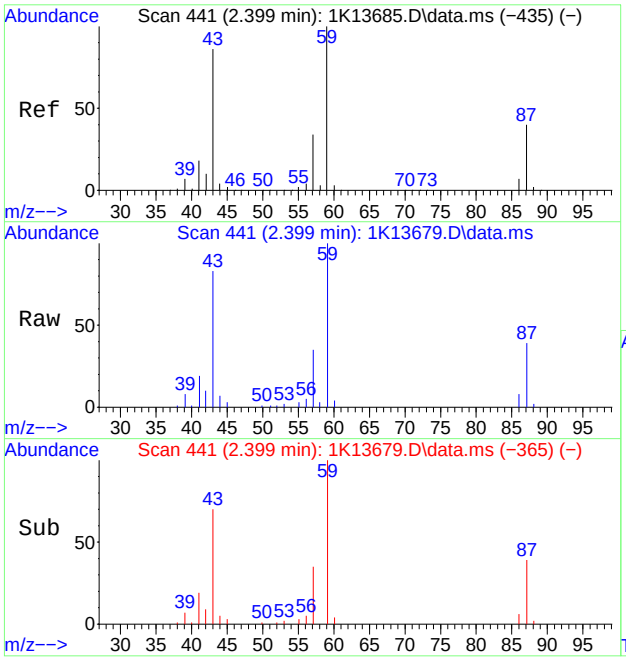


#27
di-isopropyl ether
Concen: 3.93 ug/L
RT: 2.232 min Scan# 409
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 45 Resp: 52832

Ion	Ratio	Lower	Upper
45	100		
87	25.0	0.0	55.4
43	48.9	19.8	79.8

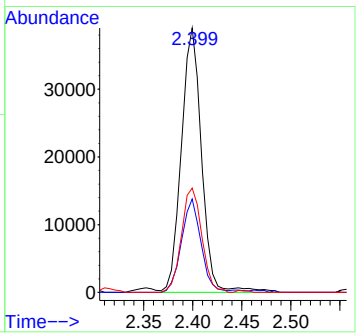


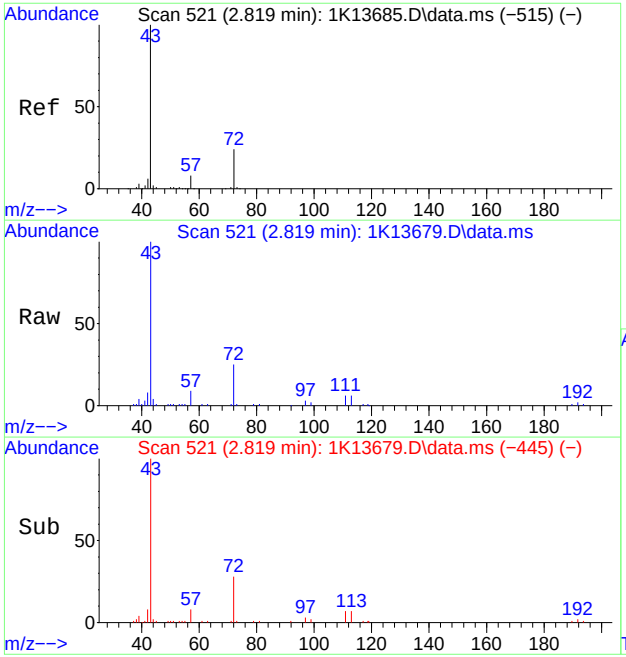


#28
ethyl tert-butyl ether
Concen: 4.05 ug/L
RT: 2.399 min Scan# 441
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 59 Resp: 56043

Ion	Ratio	Lower	Upper
59	100		
57	35.3	3.4	63.4
87	39.4	9.9	69.9

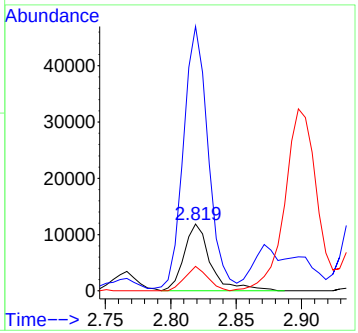


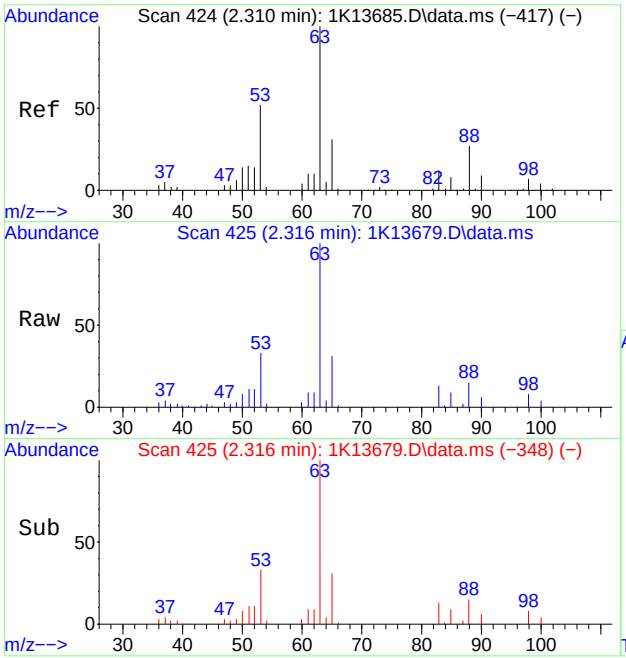


#29
2-butanone
Concen: 16.68 ug/L
RT: 2.819 min Scan# 521
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 72 Resp: 16773

Ion	Ratio	Lower	Upper
72	100		
43	390.0	384.5	444.5
57	36.7	2.9	62.9

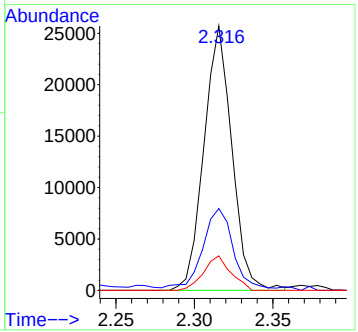


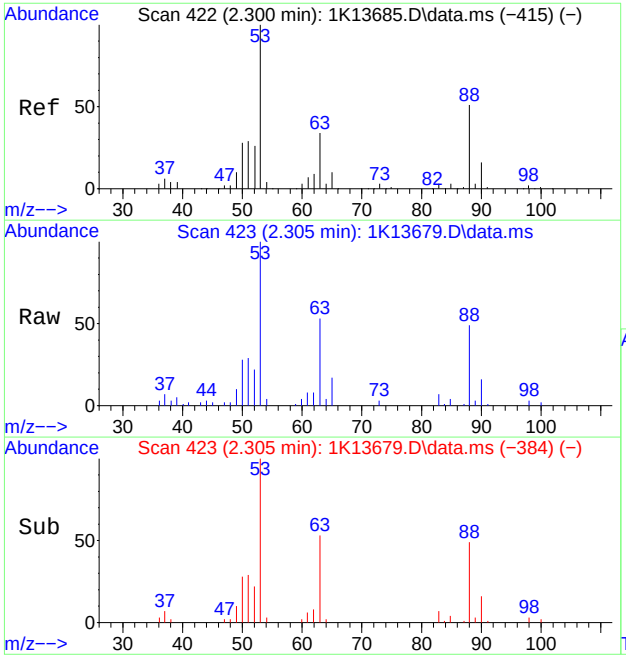


#30
1,1-dichloroethane
Concen: 4.06 ug/L
RT: 2.316 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 63 Resp: 31893

Ion	Ratio	Lower	Upper
63	100		
65	29.9	0.6	60.6
83	13.1	0.0	41.8

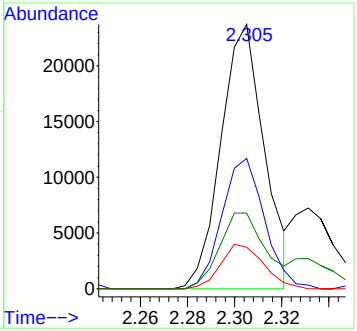


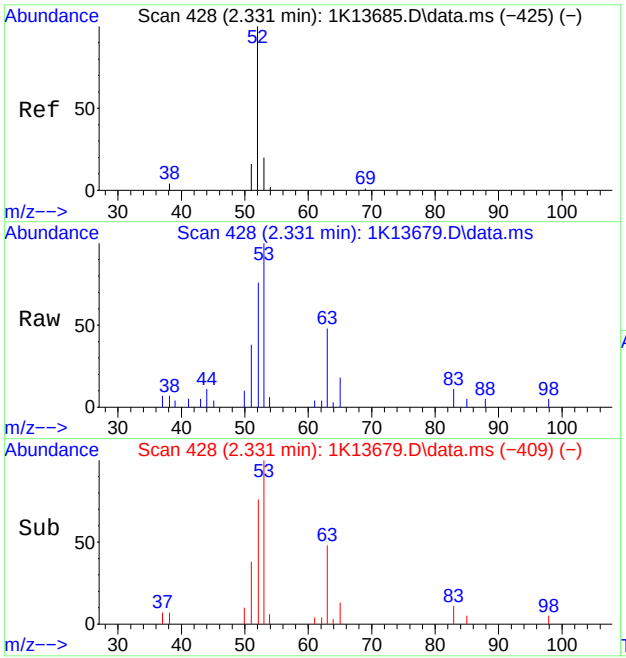


#31
chloroprene
Concen: 4.18 ug/L
RT: 2.305 min Scan# 423
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 53 Resp: 30433

Ion	Ratio	Lower	Upper
53	100		
88	49.3	21.4	81.4
90	15.7	0.0	46.1
51	28.6	0.0	59.4

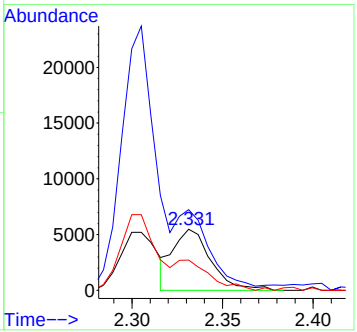


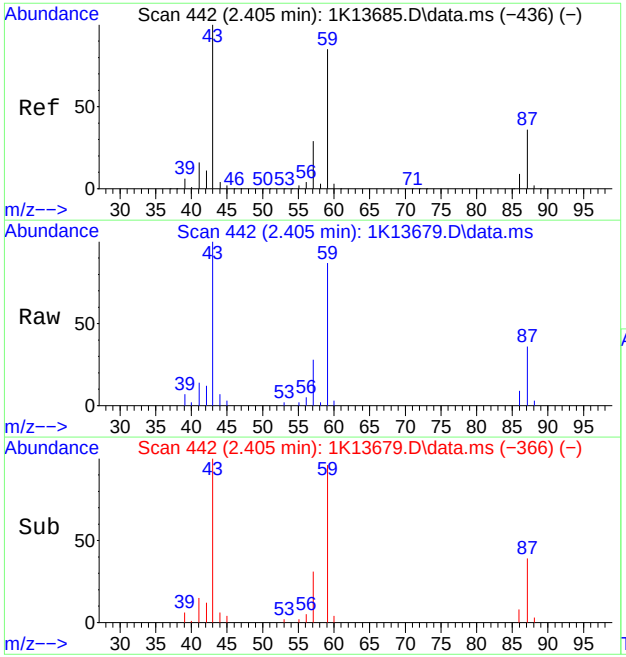


#32
acrylonitrile
Concen: 3.73 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 52 Resp: 7999

Ion	Ratio	Lower	Upper
52	100		
53	123.7	92.8	152.8
51	45.4	13.6	73.6

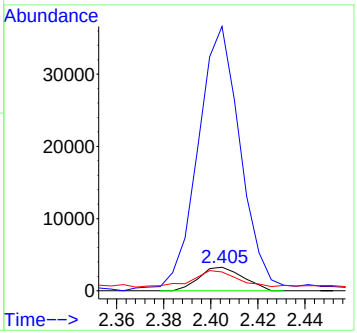


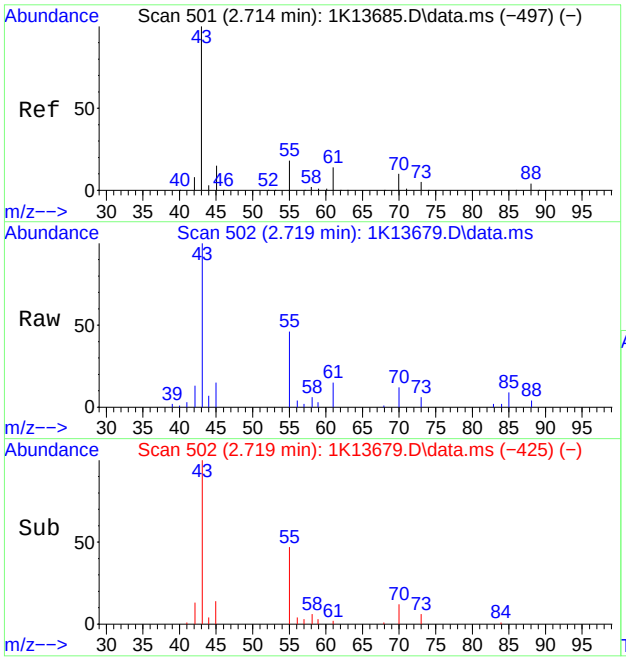


#33
vinyl acetate
Concen: 4.65 ug/L
RT: 2.405 min Scan# 442
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 86 Resp: 4237

Ion	Ratio	Lower	Upper
86	100		
43	1108.1	1068.8	1128.8
44	58.1	18.0	78.0

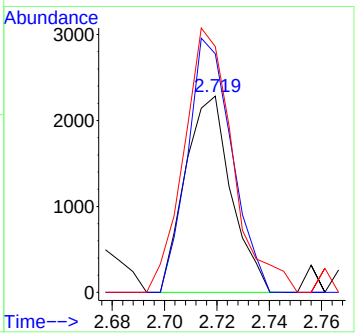


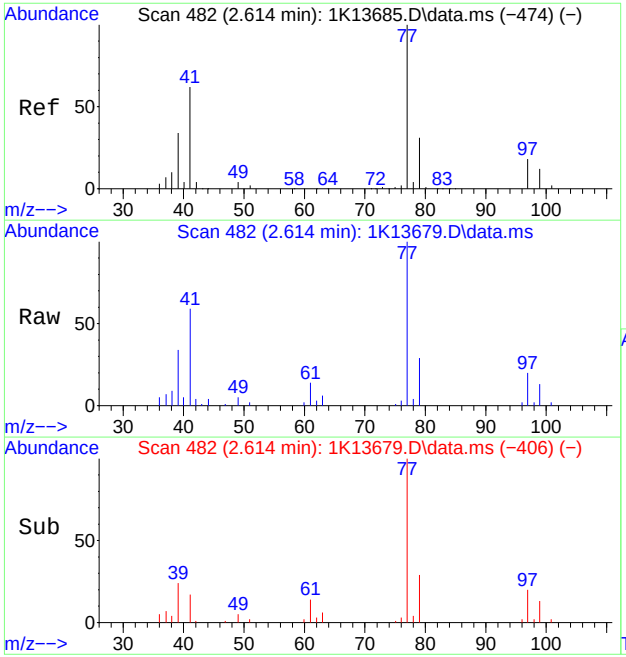


#34
ethyl acetate
Concen: 4.49 ug/L
RT: 2.719 min Scan# 502
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 70 Resp: 2800

Ion	Ratio	Lower	Upper
70	100		
61	121.6	104.9	164.9
45	114.6	117.8	177.8#

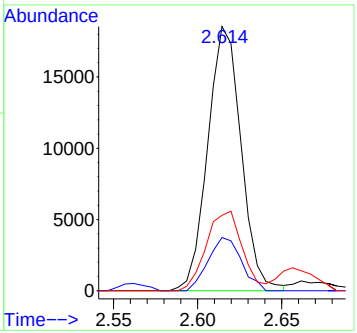


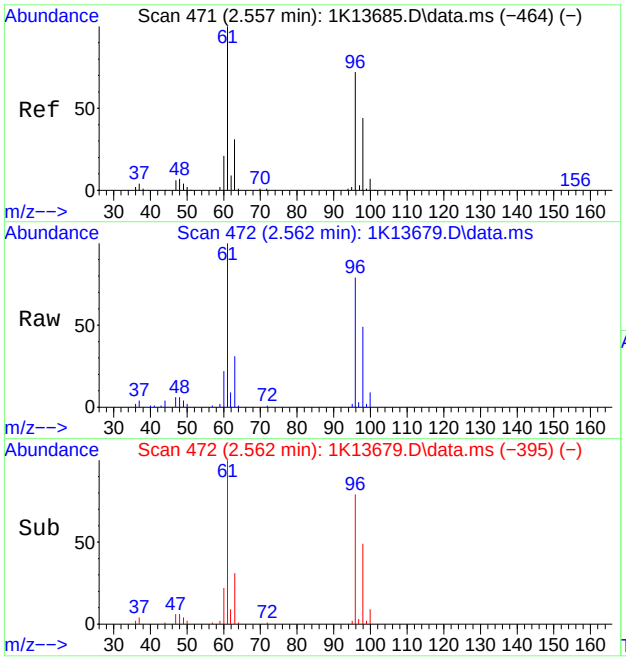


#35
2,2-dichloropropane
Concen: 3.96 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 77 Resp: 25655

Ion	Ratio	Lower	Upper
77	100		
97	20.2	0.0	48.7
79	28.5	0.9	60.9

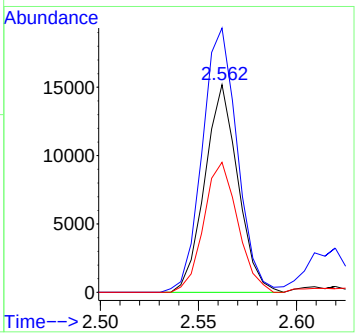


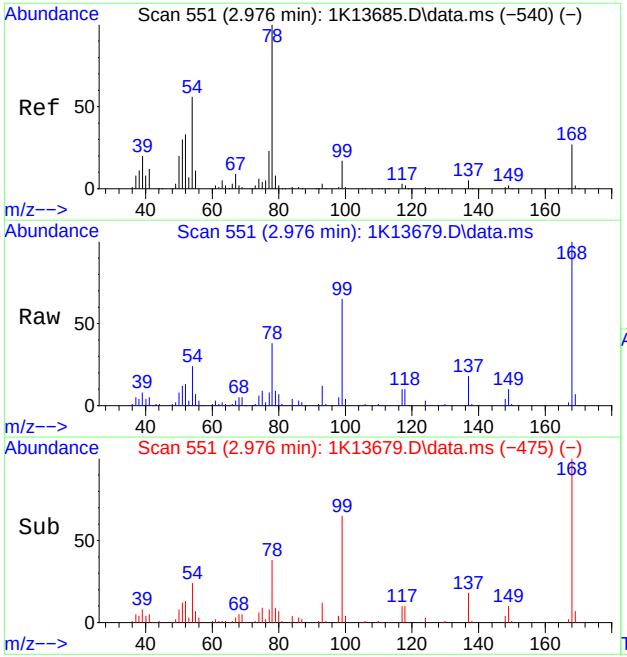


#36
cis-1,2-dichloroethene
Concen: 3.87 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 96 Resp: 17882

Ion	Ratio	Lower	Upper
96	100		
61	127.2	108.4	168.4
98	62.6	31.4	91.4

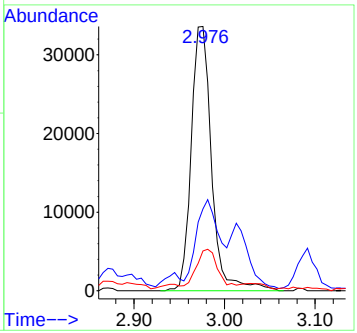


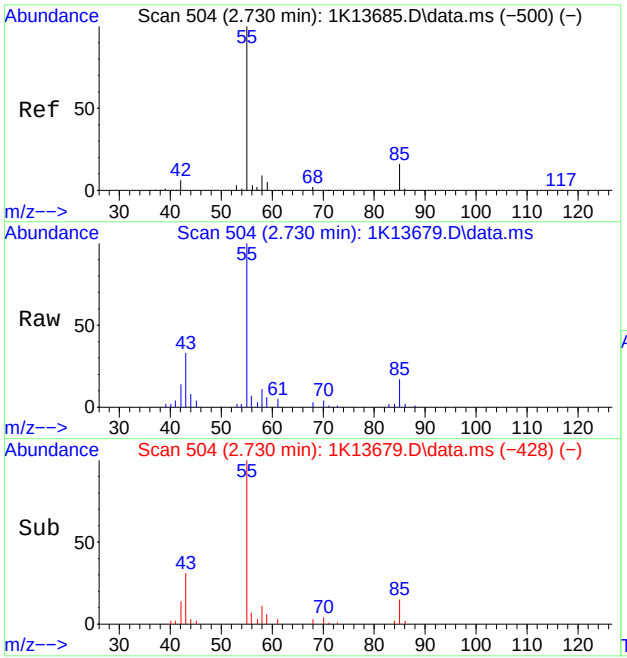


#37
propionitrile
Concen: 40.12 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 54 Resp: 52559

Ion	Ratio	Lower	Upper
54	100		
55	29.8	0.0	48.9
40	14.0	0.0	45.0

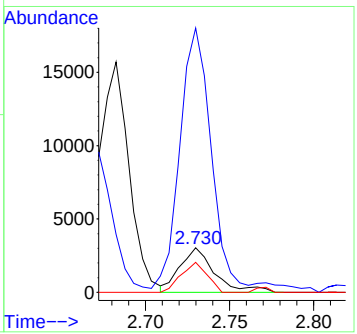


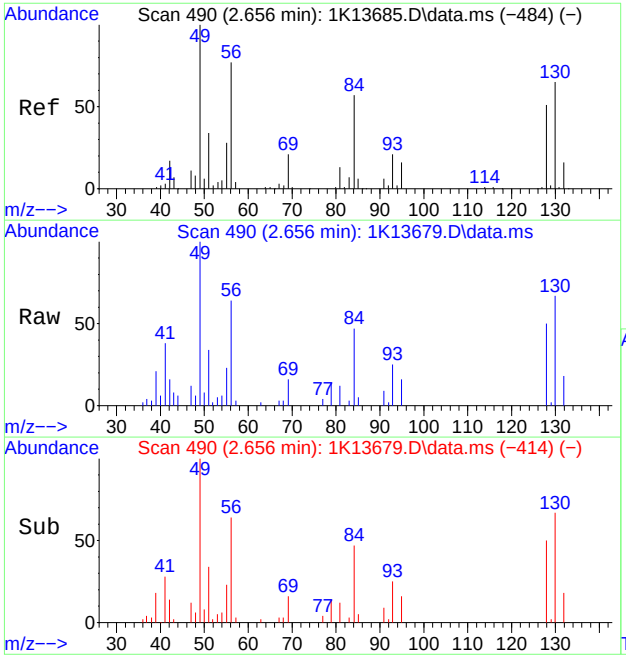


#38
methyl acrylate
Concen: 3.83 ug/L
RT: 2.730 min Scan# 504
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 85 Resp: 4360

Ion	Ratio	Lower	Upper
85	100		
55	576.1	566.6	606.6
58	67.2	30.2	70.2

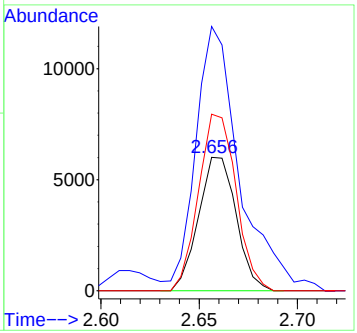


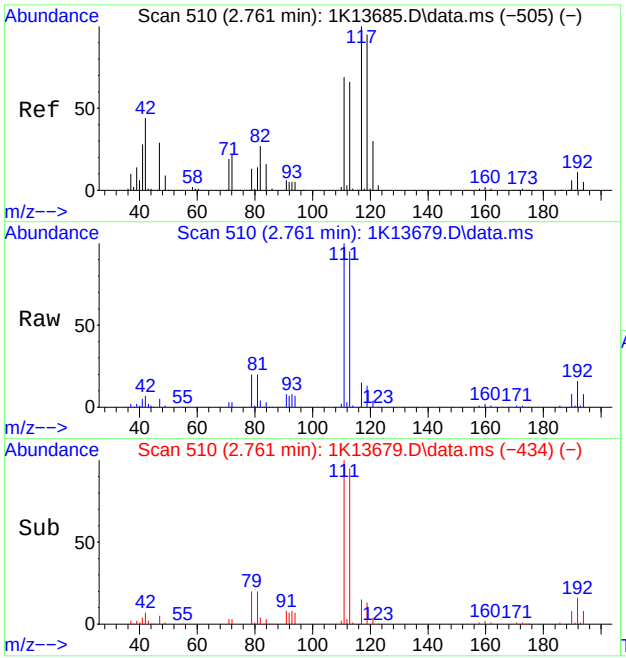


#39
bromochloromethane
Concen: 4.01 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:128 Resp: 8047

Ion	Ratio	Lower	Upper
128	100		
49	191.3	166.7	226.7
130	132.4	97.3	157.3

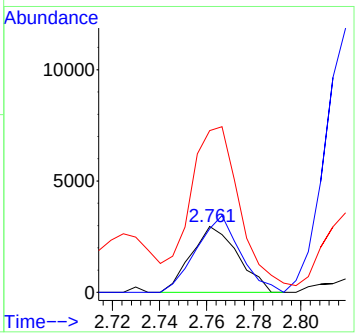


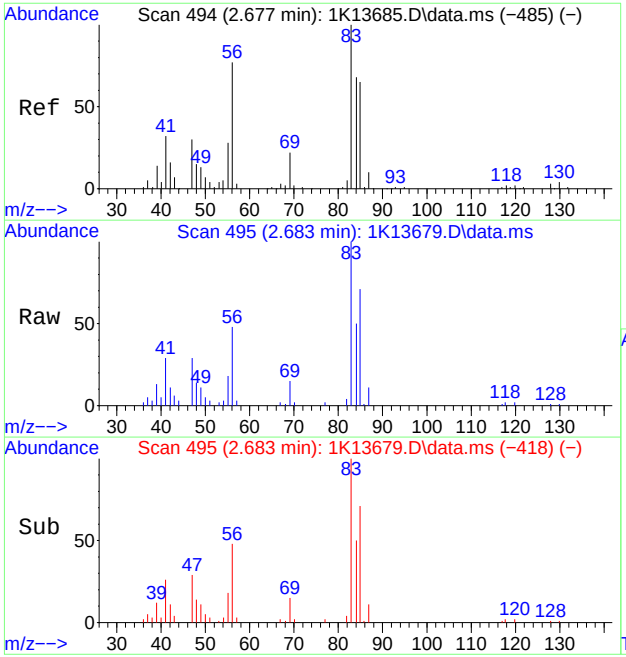


#40
tetrahydrofuran
Concen: 4.31 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 71 Resp: 4105

Ion	Ratio	Lower	Upper
71	100		
72	96.7	87.2	147.2
42	231.7	242.1	302.1#

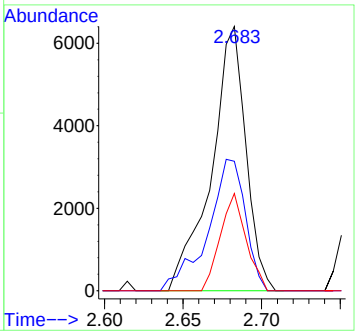


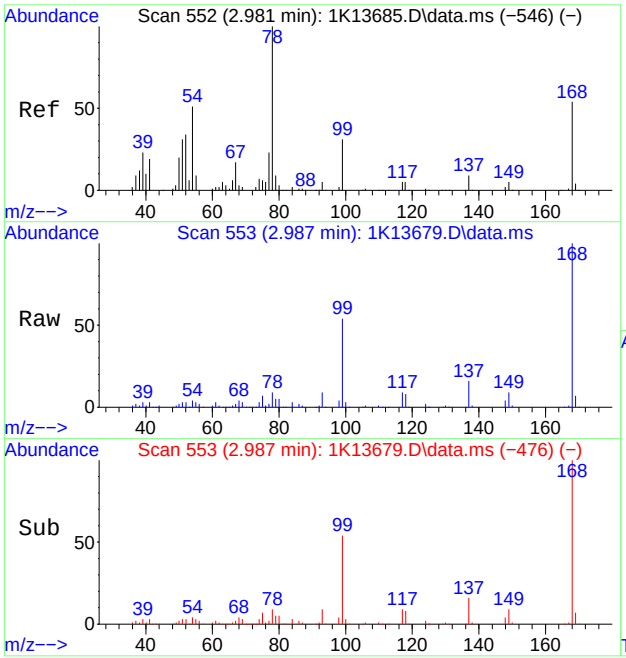


#41
chloroform
Concen: 3.65 ug/L
RT: 2.683 min Scan# 495
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 47 Resp: 9860

Ion	Ratio	Lower	Upper
47	100		
48	49.0	19.0	79.0
87	36.8	3.4	63.4

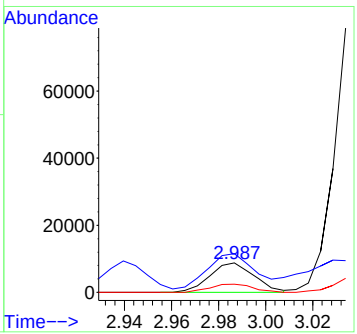


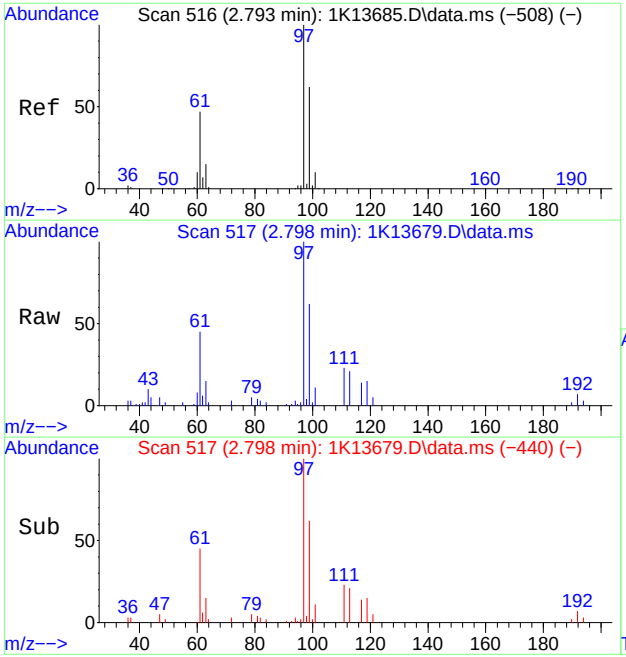


#43
methacrylonitrile
Concen: 4.07 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 67 Resp: 11527

Ion	Ratio	Lower	Upper
67	100		
41	104.8	85.4	145.4
66	28.0	4.8	64.8

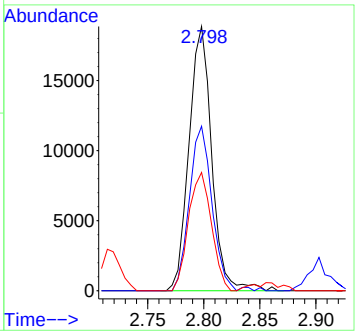


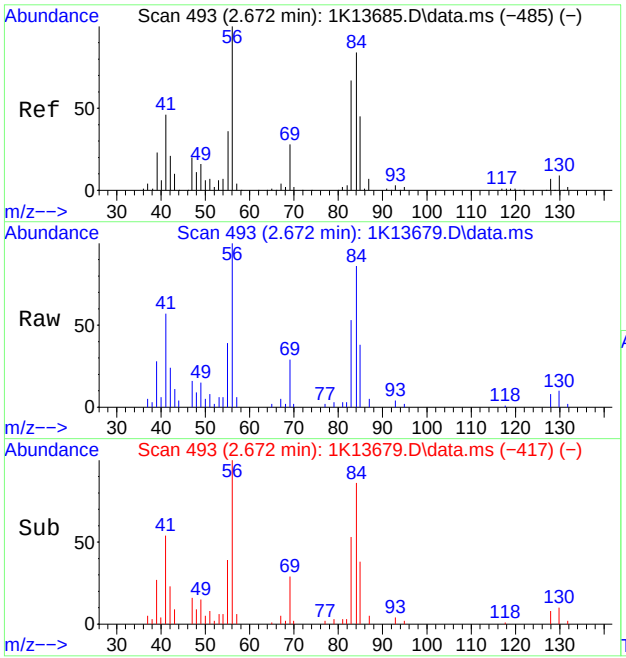


#44
1,1,1-trichloroethane
Concen: 4.12 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 97 Resp: 26743

Ion	Ratio	Lower	Upper
97	100		
99	62.3	32.2	92.2
61	44.7	17.7	77.7

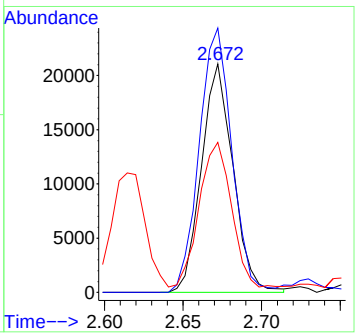


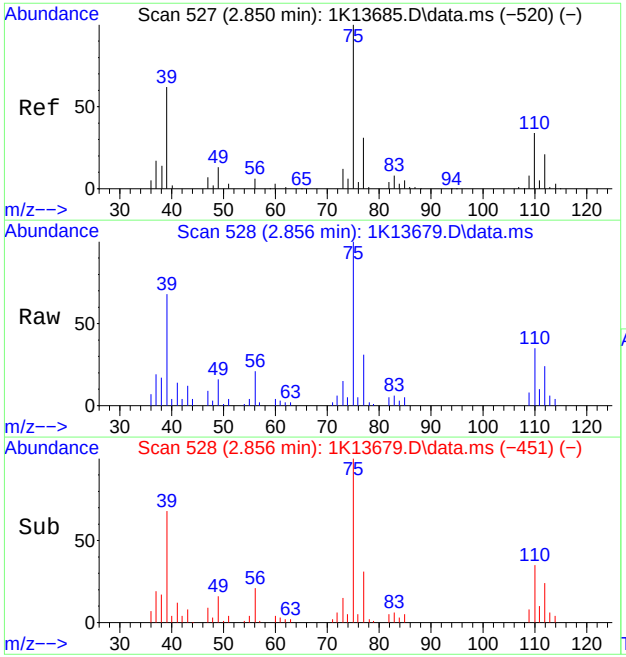


#45
cyclohexane
Concen: 4.19 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 84 Resp: 29557

Ion	Ratio	Lower	Upper
84	100		
56	115.7	98.6	138.6
41	63.1	43.8	83.8

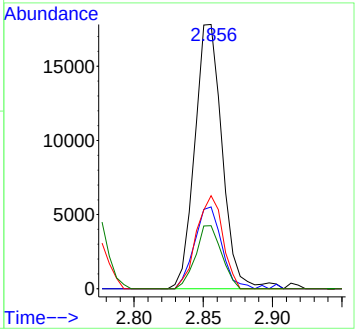


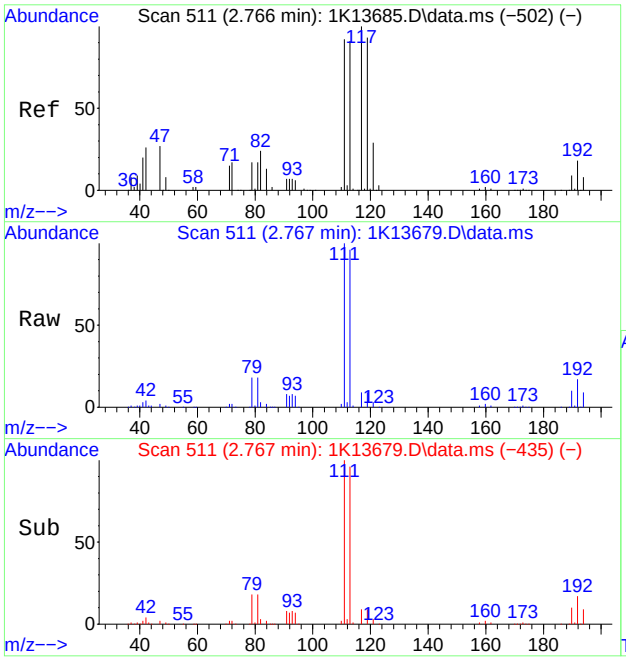


#46
1,1-dichloropropene
Concen: 4.31 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 75 Resp: 24566

Ion	Ratio	Lower	Upper
75	100		
77	30.9	11.3	51.3
110	35.2	14.2	54.2
112	23.9	1.3	41.3

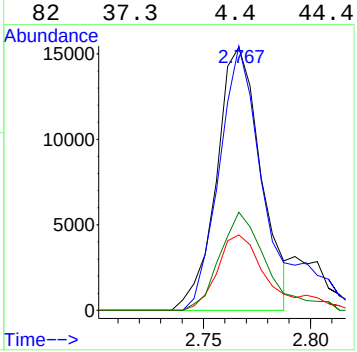




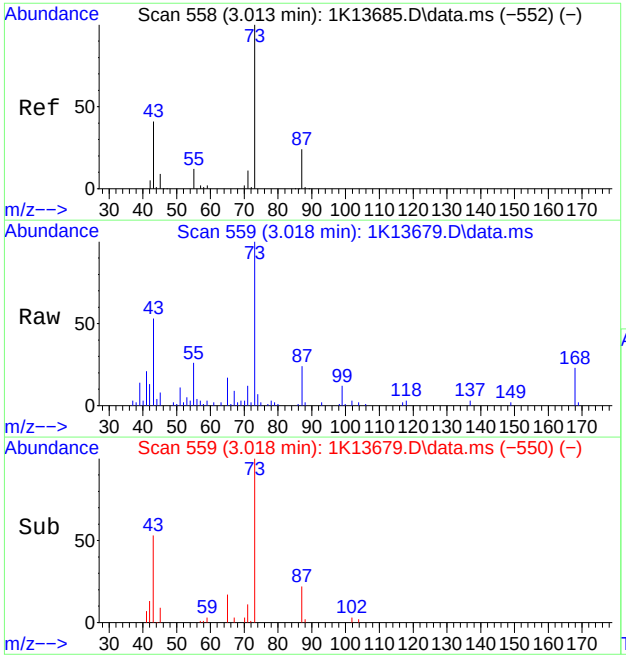
#47
carbon tetrachloride
Concen: 3.72 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:117 Resp: 22281

Ion	Ratio	Lower	Upper
117	100		
119	100.5	73.1	113.1
121	28.6	9.4	49.4
82	37.3	4.4	44.4



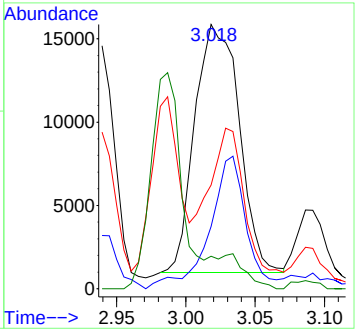
7.6.18

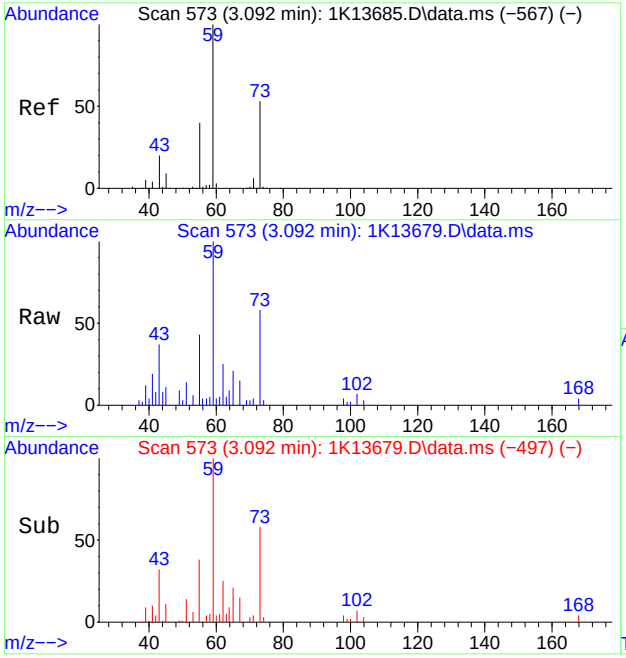


#48
isobutyl alcohol
Concen: 33.31 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 43 Resp: 33138

Ion	Ratio	Lower	Upper
43	100		
42	21.6	0.0	32.6
41	35.2	9.1	49.1
74	13.2	0.0	31.0

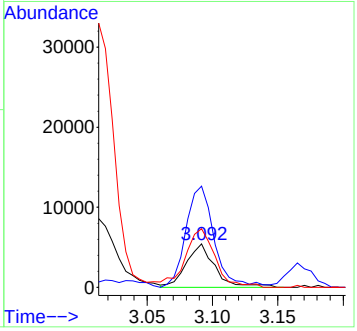


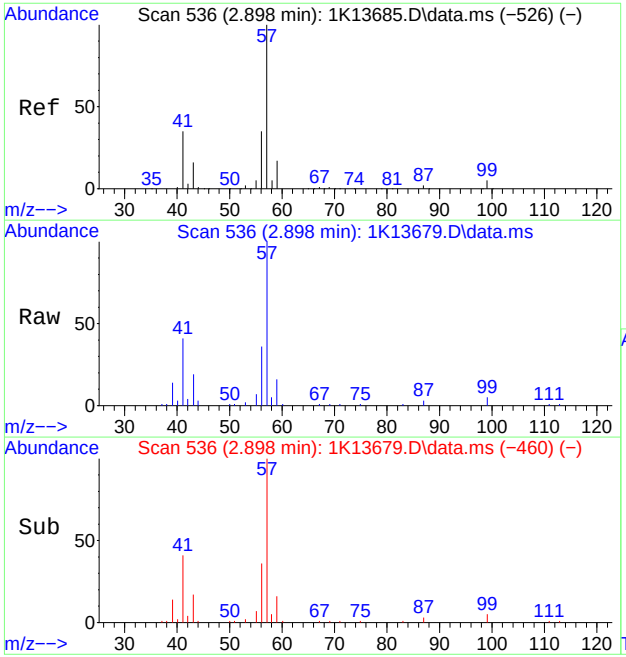


#49
tert-amyl alcohol
Concen: 18.94 ug/L
RT: 3.092 min Scan# 573
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 55 Resp: 8285

Ion	Ratio	Lower	Upper
55	100		
59	233.1	218.8	258.8
73	135.1	115.9	155.9

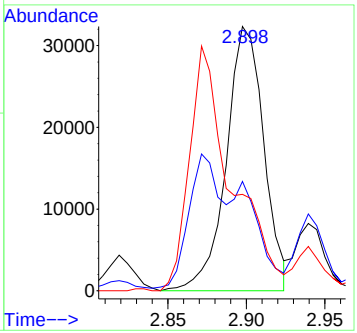


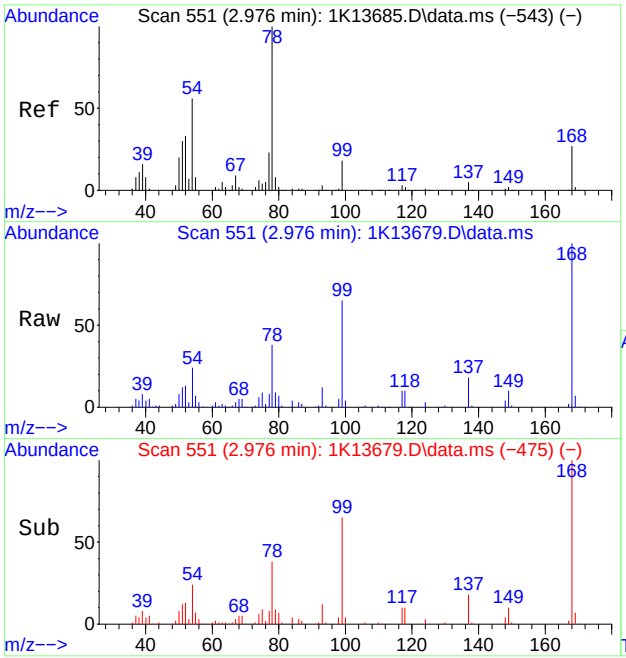


#52
iso-octane
Concen: 4.00 ug/L
RT: 2.898 min Scan# 536
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 57 Resp: 53982

Ion	Ratio	Lower	Upper
57	100		
41	40.0	14.8	54.8
56	36.5	15.3	55.3

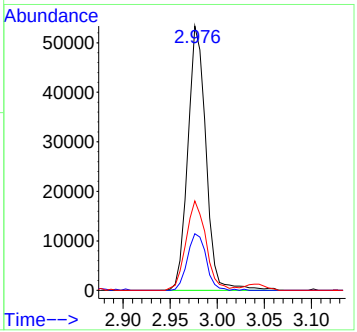


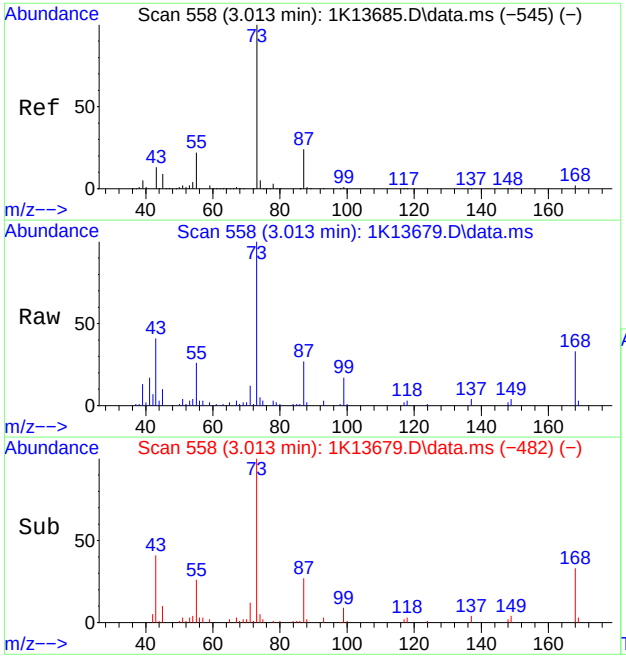


#53
benzene
Concen: 4.11 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 78 Resp: 71793

Ion	Ratio	Lower	Upper
78	100		
77	21.5	0.0	53.3
52	33.8	3.5	63.5

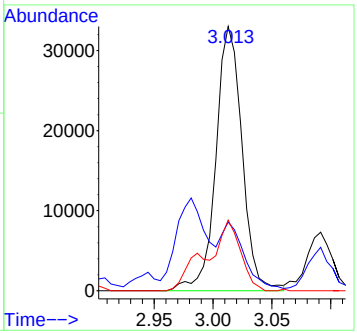


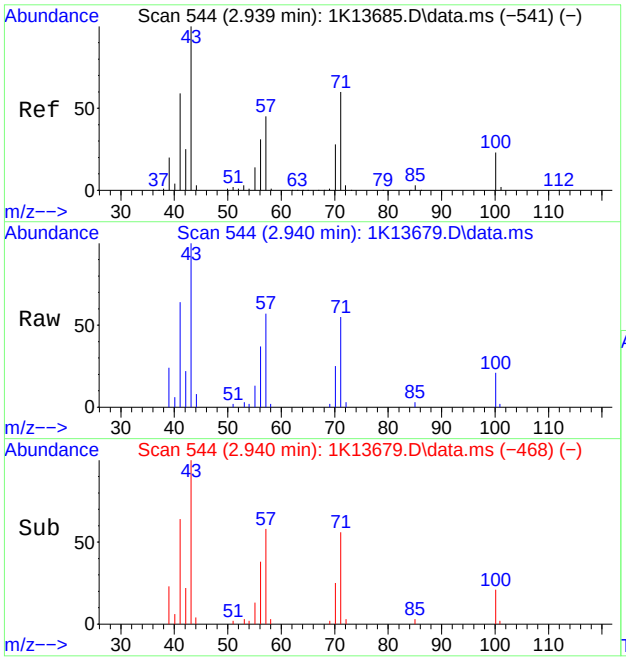


#54
tert-amyl methyl ether
Concen: 3.79 ug/L
RT: 3.013 min Scan# 558
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 73 Resp: 51279

Ion	Ratio	Lower	Upper
73	100		
55	25.1	5.1	45.1
87	26.8	4.2	44.2

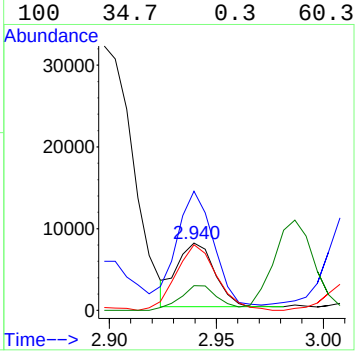


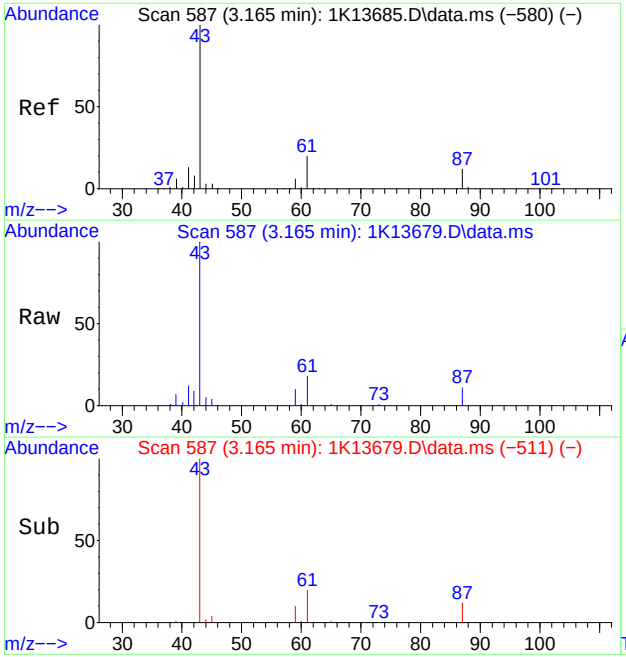


#55
heptane
Concen: 3.83 ug/L
RT: 2.940 min Scan# 544
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 57 Resp: 9521

Ion	Ratio	Lower	Upper
57	100		
43	174.8	140.0	200.0
71	103.1	67.3	127.3
100	34.7	0.3	60.3

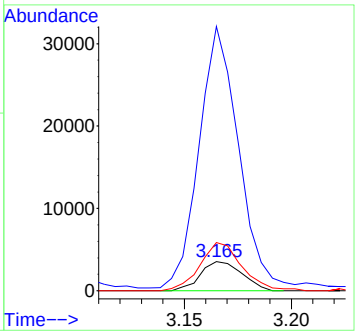


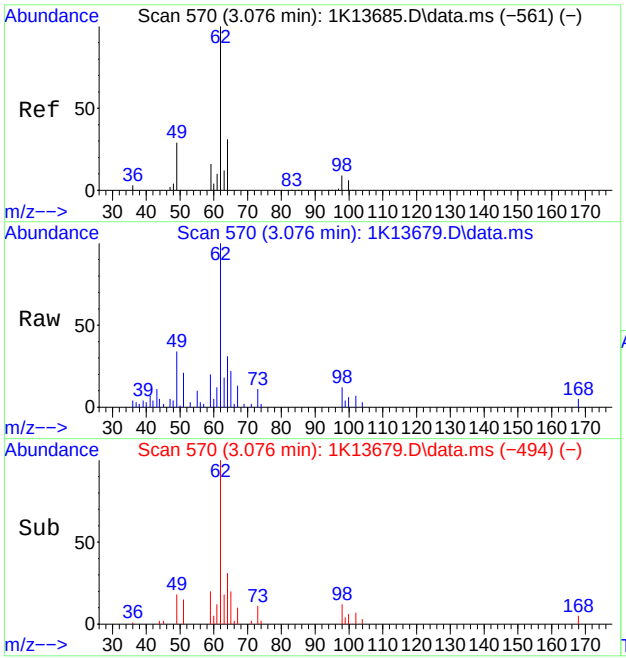


#56
isopropyl acetate
Concen: 3.96 ug/L
RT: 3.165 min Scan# 587
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 87 Resp: 4823

Ion	Ratio	Lower	Upper
87	100		
43	893.2	799.2	859.2#
61	165.3	137.1	197.1

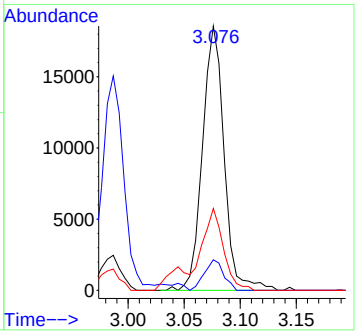


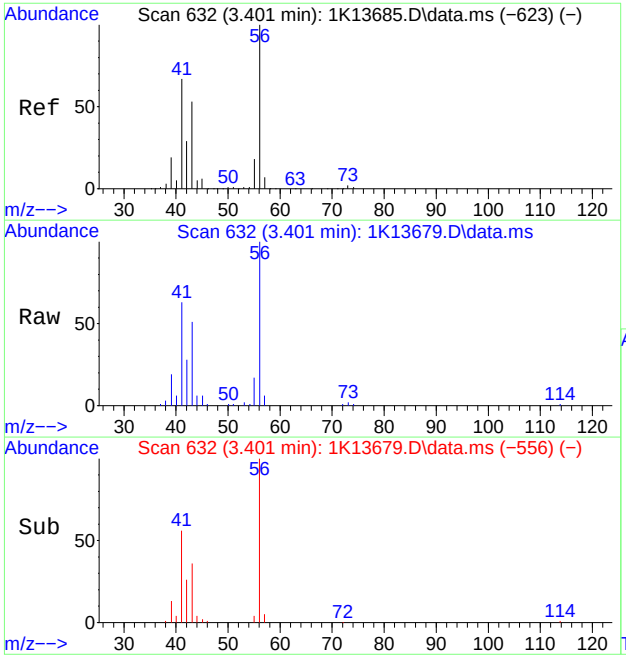


#57
1,2-dichloroethane
Concen: 3.83 ug/L
RT: 3.076 min Scan# 570
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 62 Resp: 25176

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	39.5
64	31.0	1.1	61.1

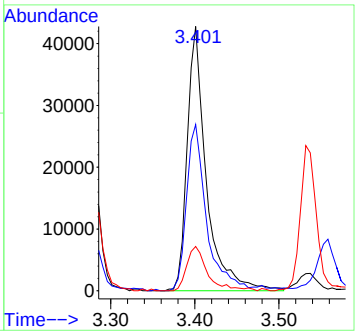


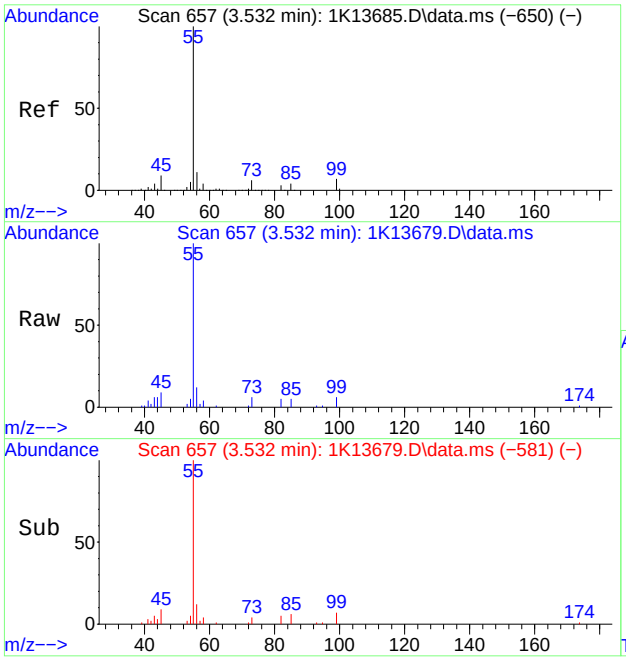


#58
n-butyl alcohol
Concen: 207.89 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 56 Resp: 67793

Ion	Ratio	Lower	Upper
56	100		
41	62.9	46.6	86.6
55	16.8	0.0	37.9

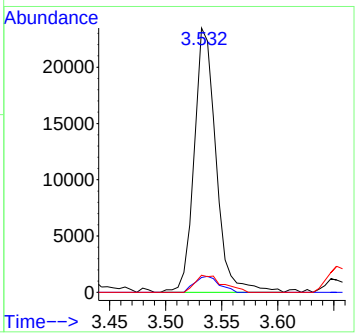


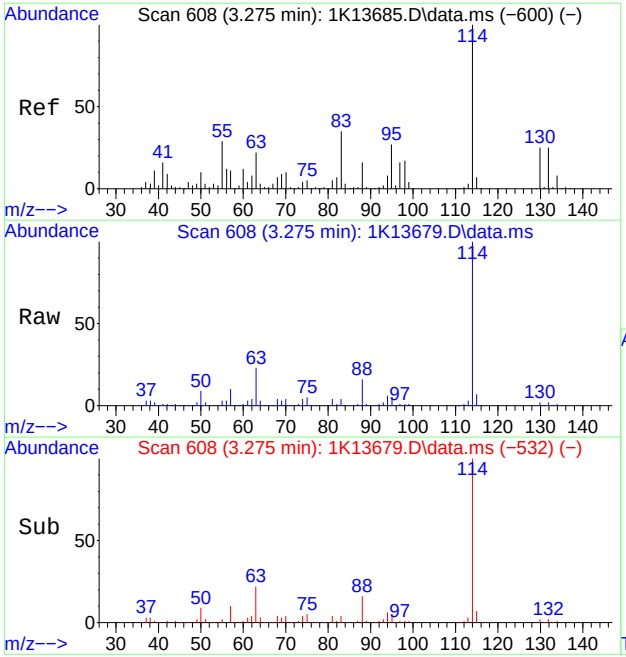


#59
ethyl acrylate
Concen: 4.28 ug/L
RT: 3.532 min Scan# 657
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 55 Resp: 31837

Ion	Ratio	Lower	Upper
55	100		
73	5.7	0.0	36.5
99	6.4	0.0	37.0

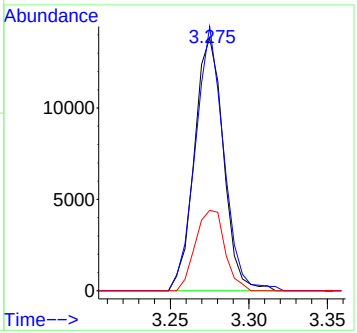


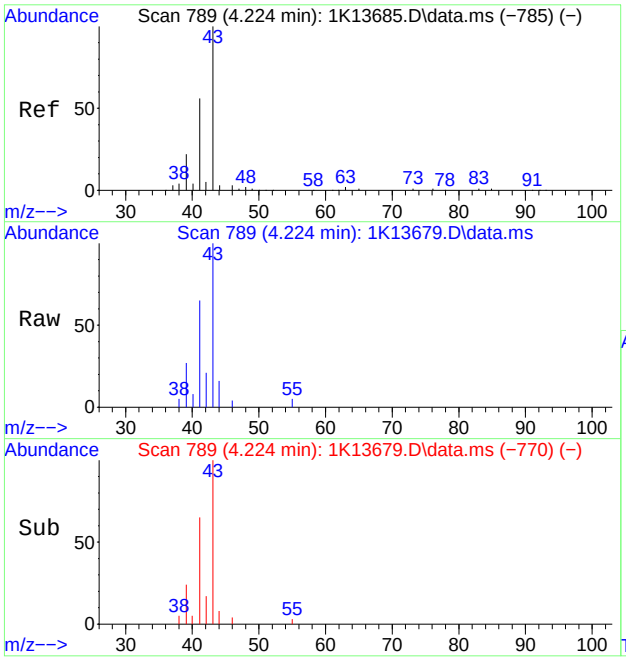


#60
trichloroethene
Concen: 4.10 ug/L
RT: 3.275 min Scan# 608
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:130 Resp: 17883

Ion	Ratio	Lower	Upper
130	100		
132	104.6	70.3	130.3
134	31.9	2.0	62.0

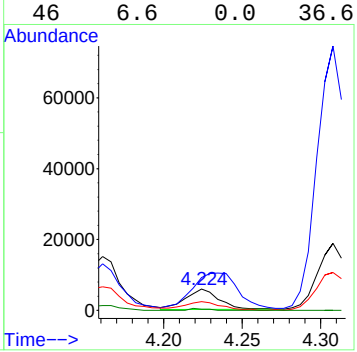


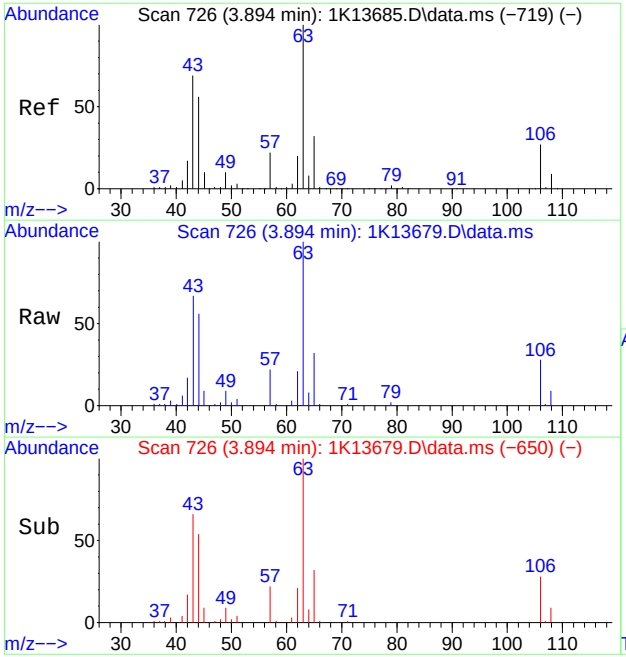


#61
2-nitropropane
Concen: 3.61 ug/L
RT: 4.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 41 Resp: 8336

Ion	Ratio	Lower	Upper
41	100		
43	153.2	127.6	187.6
39	44.1	8.5	68.5
46	6.6	0.0	36.6

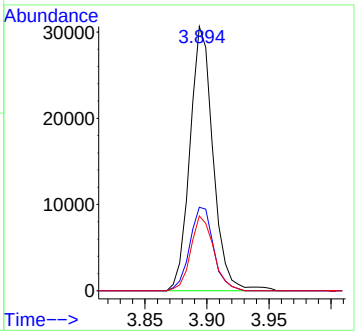


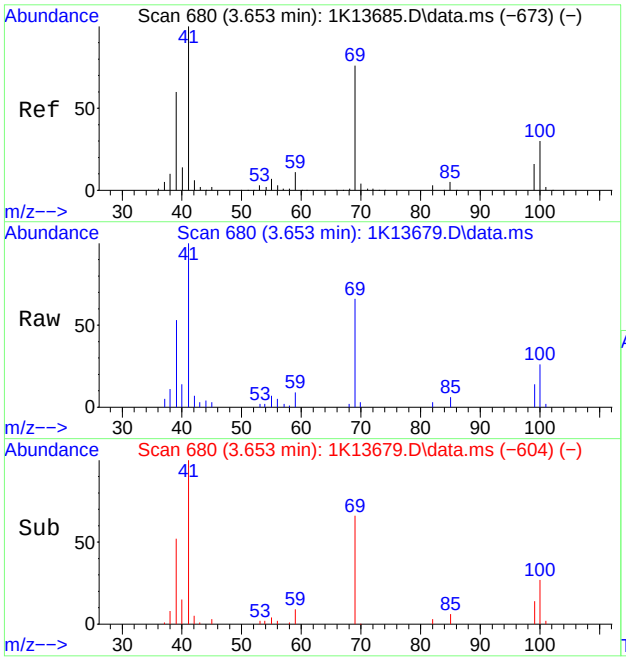


#62
2-chloroethyl vinyl ether
Concen: 21.87 ug/L
RT: 3.894 min Scan# 726
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 63 Resp: 39917

Ion	Ratio	Lower	Upper
63	100		
65	31.6	1.9	61.9
106	28.4	0.0	57.3

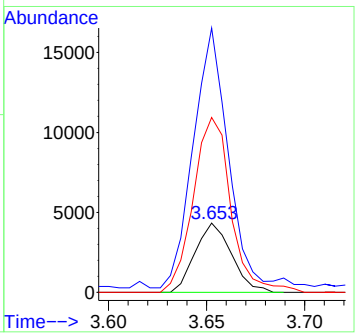


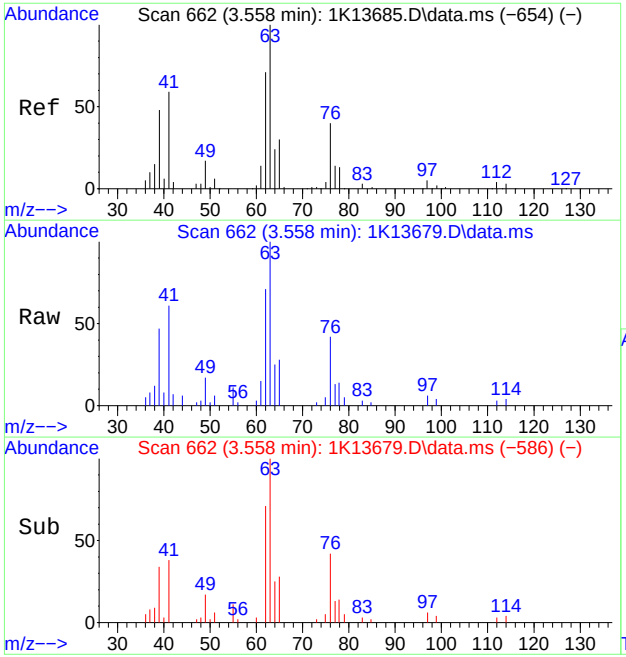


#63
methyl methacrylate
Concen: 4.29 ug/L
RT: 3.653 min Scan# 680
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:100 Resp: 5602

Ion	Ratio	Lower	Upper
100	100		
41	375.5	304.0	364.0#
69	252.7	224.1	284.1

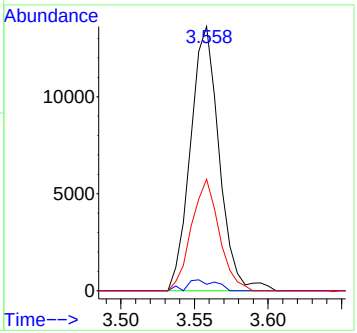


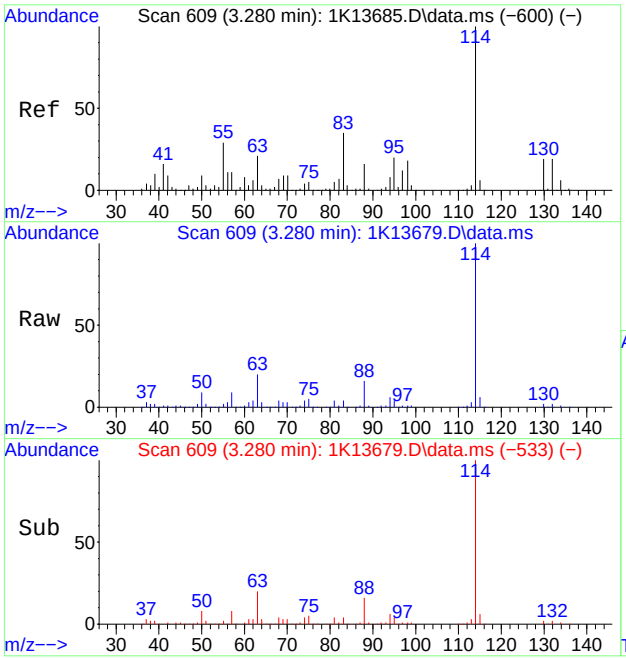


#64
1,2-dichloropropane
Concen: 4.17 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 63 Resp: 18406

Ion	Ratio	Lower	Upper
63	100		
112	2.5	0.0	34.4
76	42.2	10.3	70.3

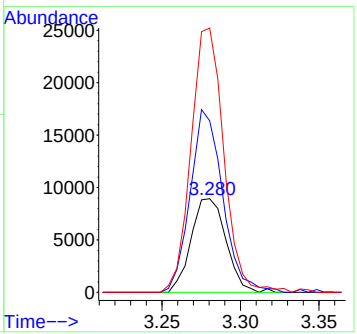


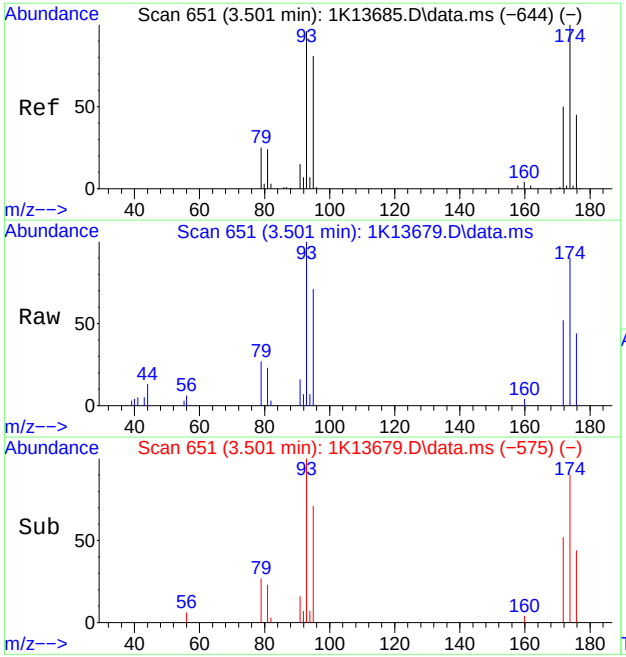


#65
methylcyclohexane
Concen: 4.14 ug/L
RT: 3.280 min Scan# 609
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 98 Resp: 13855

Ion	Ratio	Lower	Upper
98	100		
55	183.4	130.3	190.3
83	282.6	194.3	194.3#

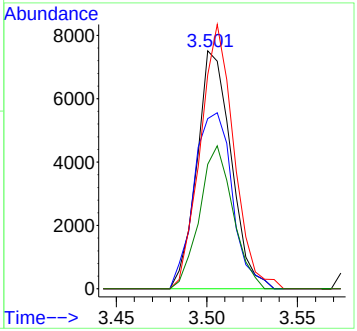


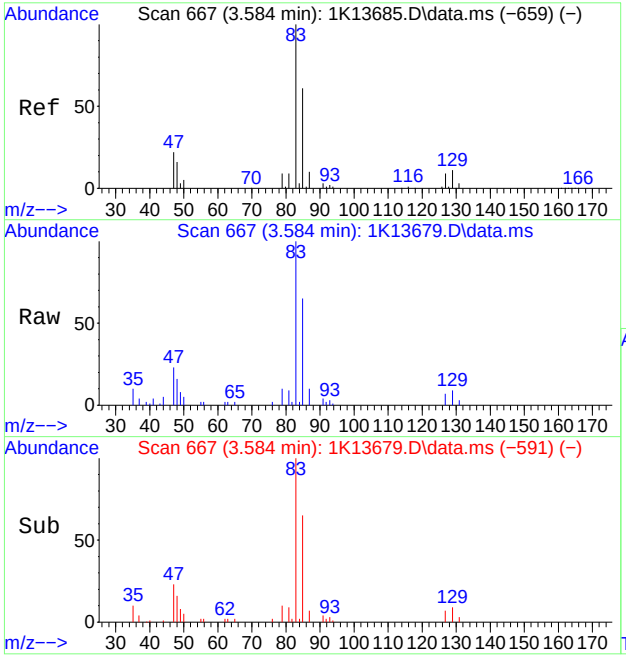


#66
dibromomethane
Concen: 3.75 ug/L
RT: 3.501 min Scan# 651
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 93 Resp: 9851

Ion	Ratio	Lower	Upper
93	100		
95	71.4	54.7	114.7
174	89.8	74.1	134.1
172	52.3	32.6	72.6

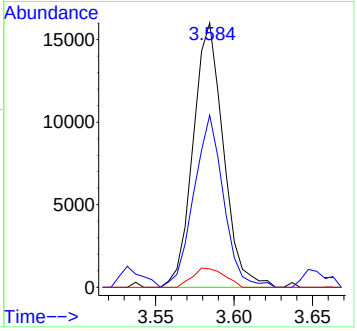


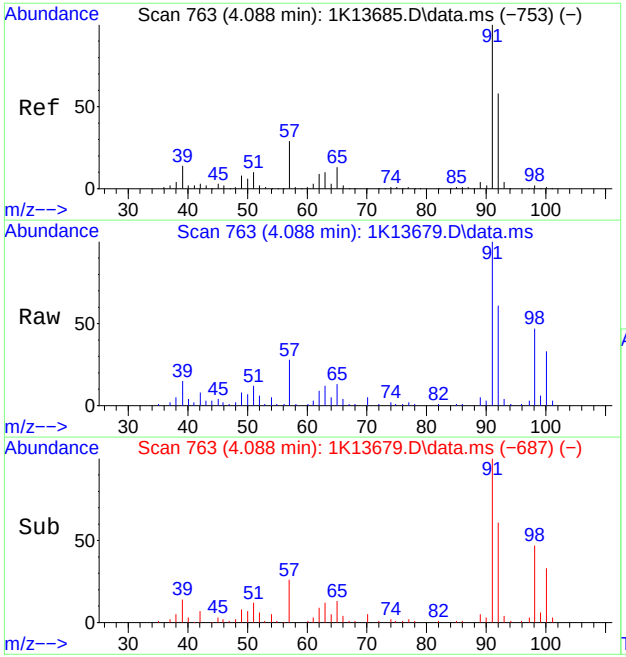


#67
bromodichloromethane
Concen: 3.90 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 83 Resp: 21504

Ion	Ratio	Lower	Upper
83	100		
85	65.1	35.1	95.1
127	7.0	0.0	39.1

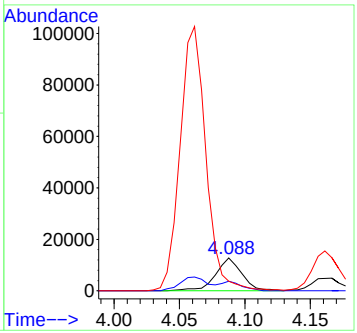


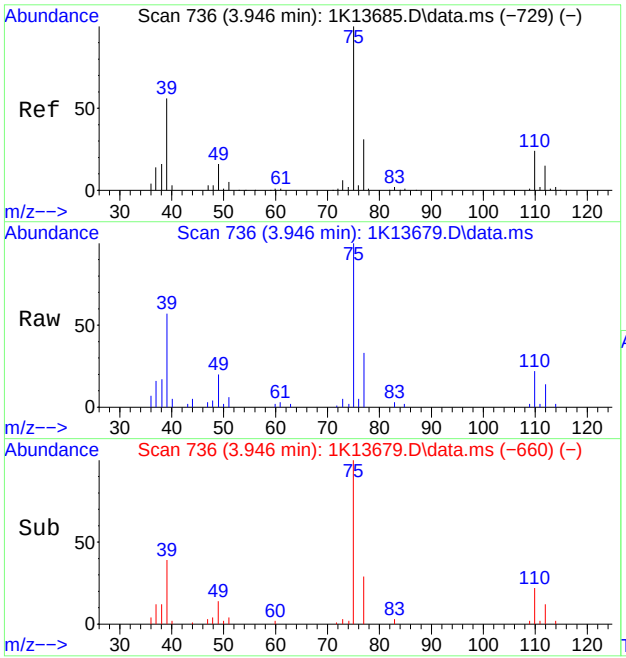


#68
epichlorohydrin
Concen: 19.59 ug/L
RT: 4.088 min Scan# 763
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 57 Resp: 17848

Ion	Ratio	Lower	Upper
57	100		
49	29.1	6.2	46.2
42	27.3	0.0	29.7

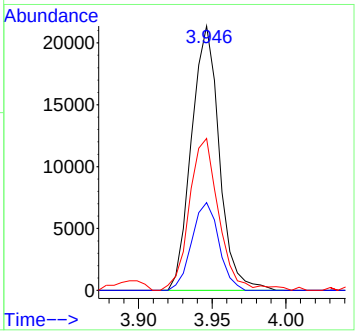


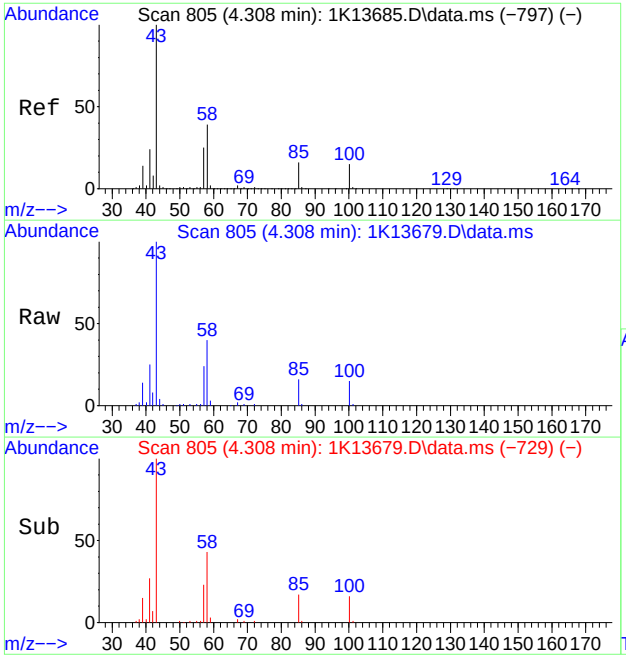


#69
cis-1,3-dichloropropene
Concen: 4.26 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 75 Resp: 28107

Ion	Ratio	Lower	Upper
75	100		
77	33.2	1.6	61.6
39	57.5	26.9	86.9

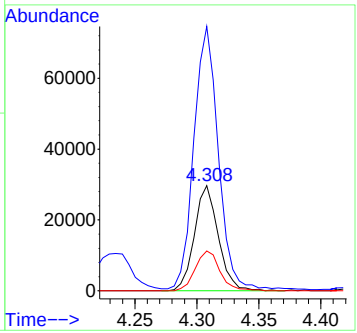


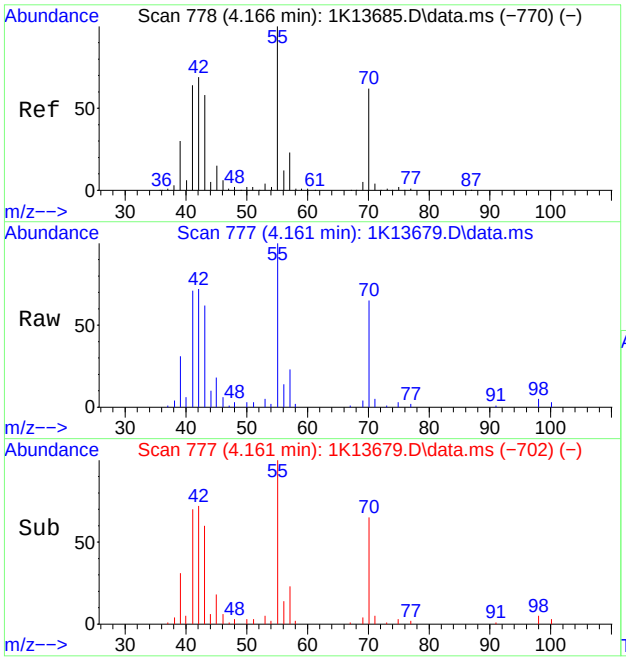


#70
4-methyl-2-pentanone
Concen: 16.34 ug/L
RT: 4.308 min Scan# 805
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 58 Resp: 39924

Ion	Ratio	Lower	Upper
58	100		
43	249.6	226.7	286.7
100	37.9	8.1	68.1

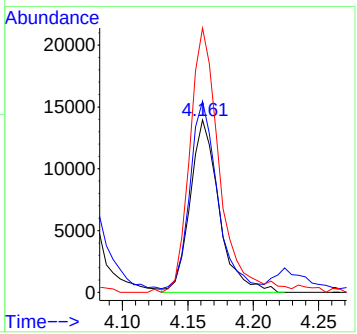


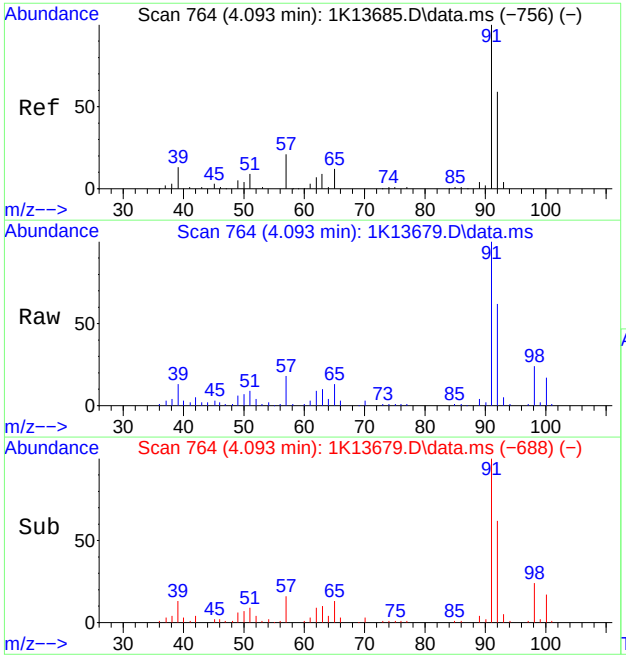


#71
3-methyl-1-butanol
Concen: 81.58 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 70 Resp: 21414

Ion	Ratio	Lower	Upper
70	100		
42	108.7	81.3	141.3
55	153.3	131.4	191.4

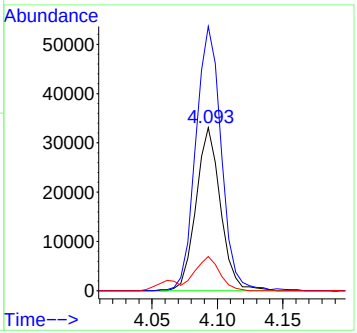


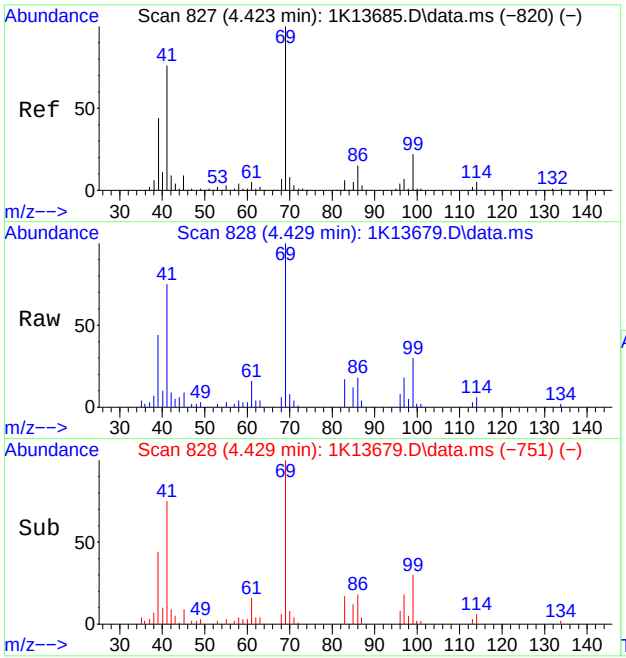


#74
toluene
Concen: 3.99 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 92 Resp: 43168

Ion	Ratio	Lower	Upper
92	100		
91	161.4	150.5	190.5
65	20.9	0.6	40.6

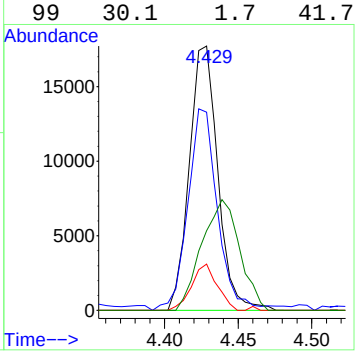


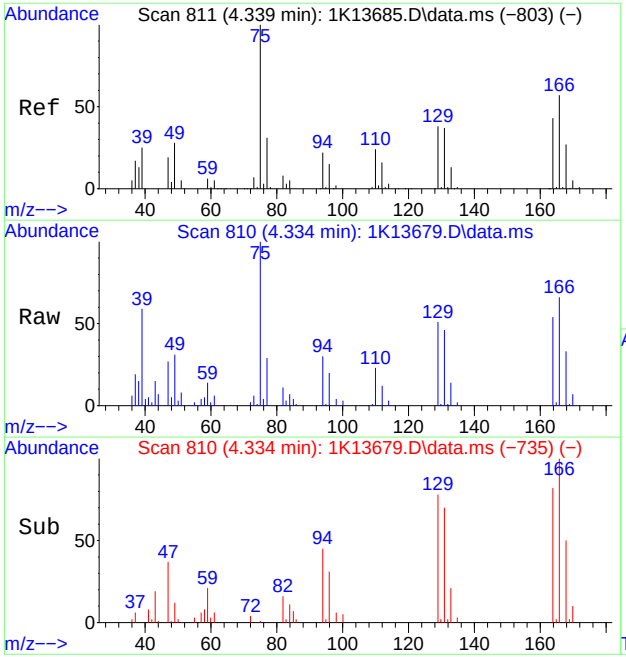


#75
ethyl methacrylate
Concen: 4.09 ug/L
RT: 4.429 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 69 Resp: 23921

Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.7	96.7
86	17.5	0.0	35.4
99	30.1	1.7	41.7

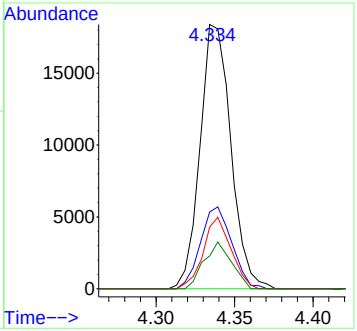


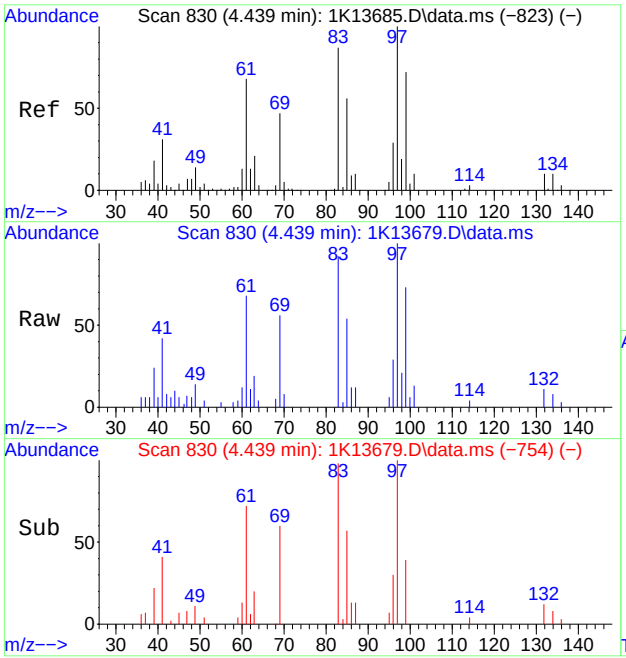


#76
trans-1,3-dichloropropene
Concen: 3.96 ug/L
RT: 4.334 min Scan# 810
Delta R.T. -0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 75 Resp: 25165

Ion	Ratio	Lower	Upper
75	100		
77	29.0	11.2	51.2
110	23.3	4.0	44.0
112	12.4	0.0	35.5

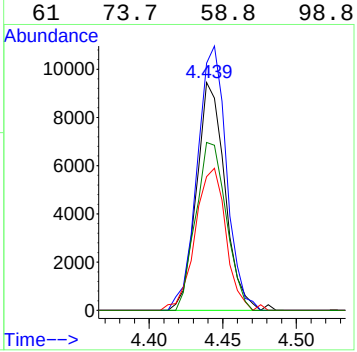




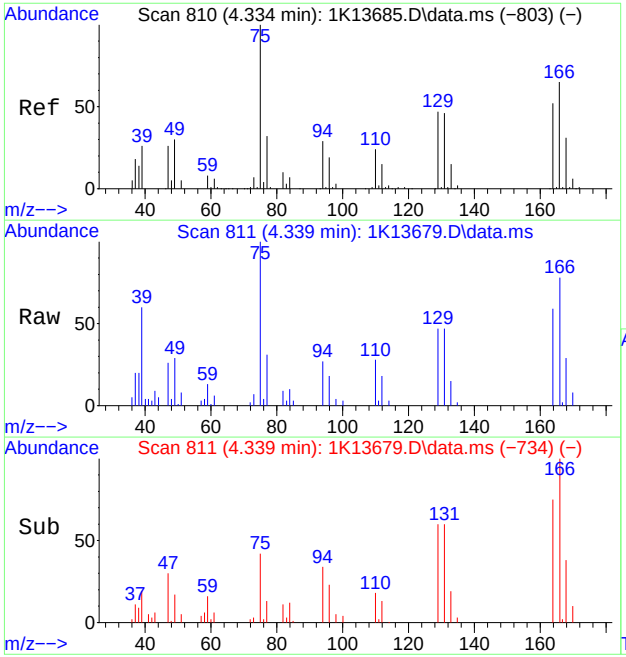
#77
1,1,2-trichloroethane
Concen: 4.14 ug/L
RT: 4.439 min Scan# 830
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 83 Resp: 12644

Ion	Ratio	Lower	Upper
83	100		
97	108.5	95.4	135.4
85	58.6	45.4	85.4
61	73.7	58.8	98.8



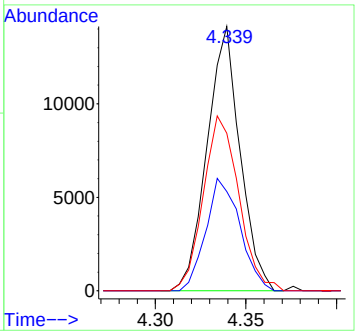
7.6.18

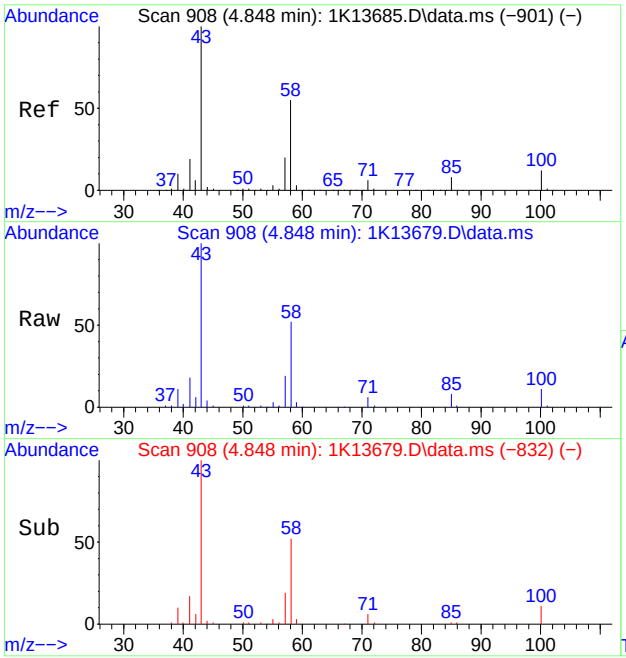


#78
tetrachloroethene
Concen: 4.14 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:166 Resp: 17859

Ion	Ratio	Lower	Upper
166	100		
168	37.6	17.2	77.2
129	59.6	42.2	102.2

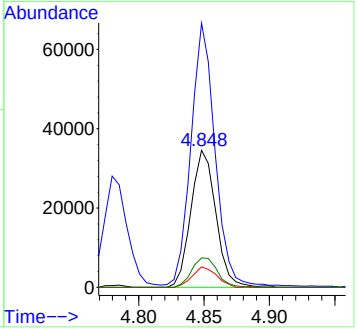


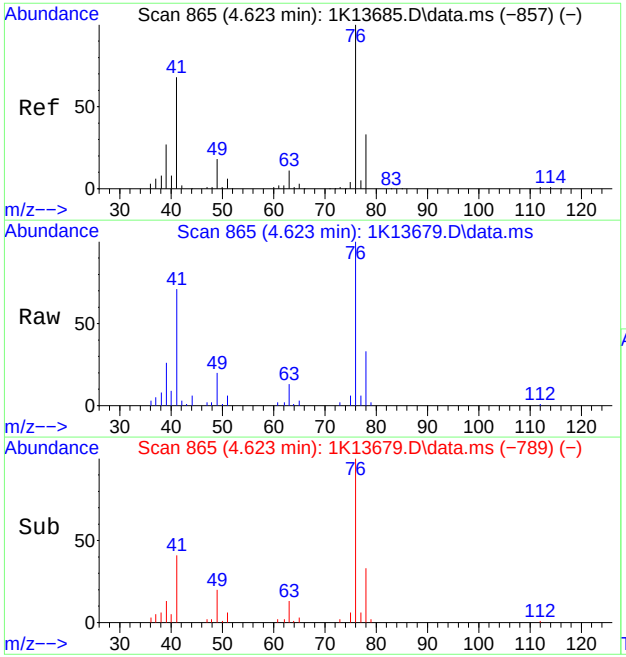


#79
2-hexanone
Concen: 16.36 ug/L
RT: 4.848 min Scan# 908
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 58 Resp: 46061

Ion	Ratio	Lower	Upper
58	100		
43	191.5	162.0	202.0
85	14.9	0.0	34.2
100	21.5	1.2	41.2

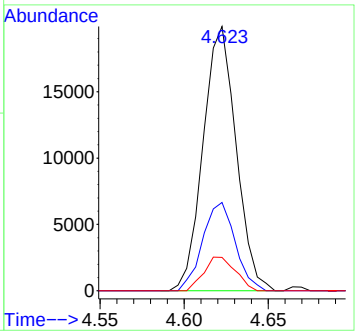


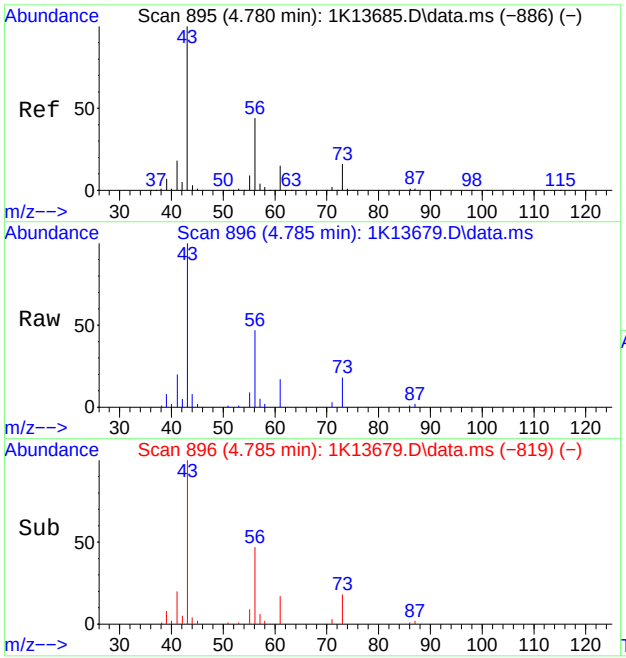


#80
1,3-dichloropropane
Concen: 3.99 ug/L
RT: 4.623 min Scan# 865
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 76 Resp: 27219

Ion	Ratio	Lower	Upper
76	100		
78	33.4	3.0	63.0
63	12.6	0.0	40.8

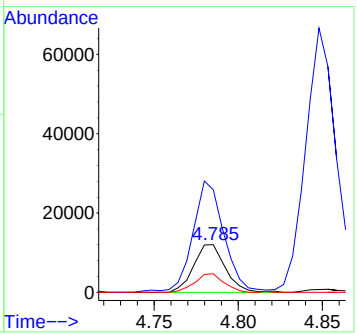


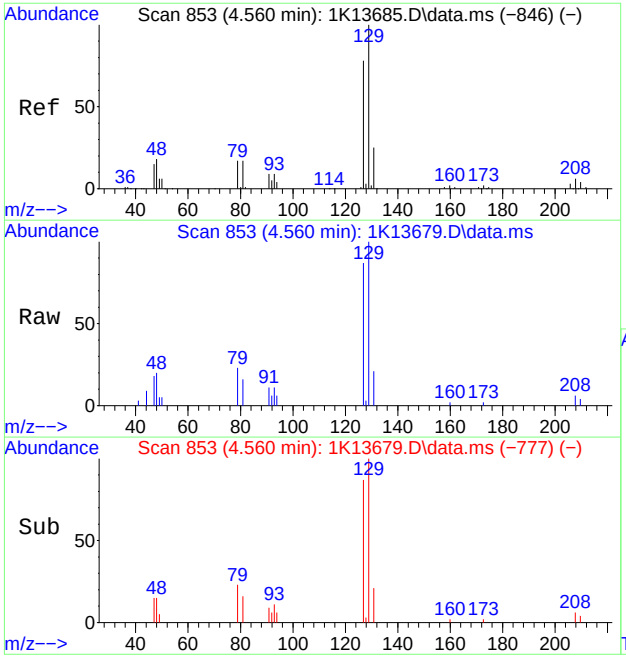


#81
butyl acetate
Concen: 4.18 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 56 Resp: 15855

Ion	Ratio	Lower	Upper
56	100		
43	211.0	198.9	258.9
73	38.6	7.7	67.7

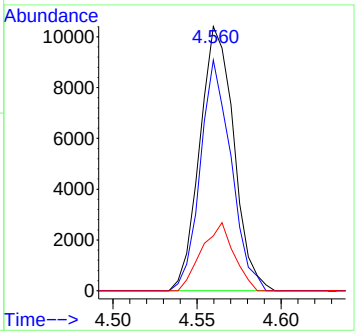


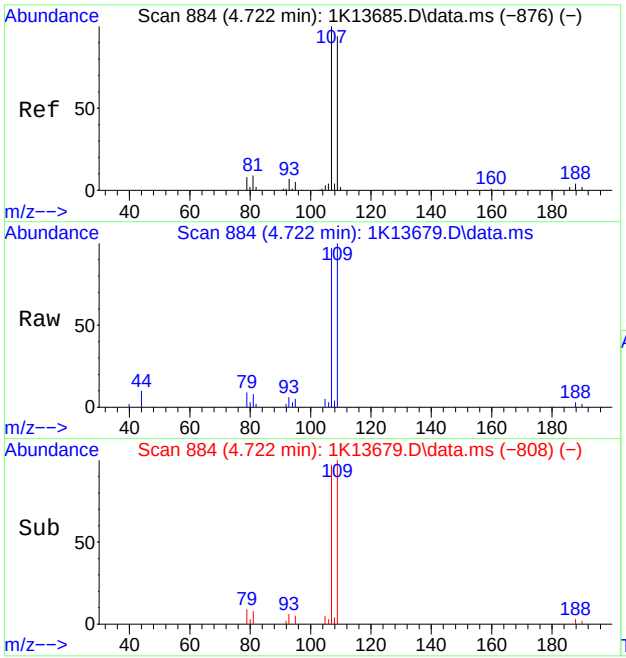


#82
dibromochloromethane
Concen: 4.01 ug/L
RT: 4.560 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:129 Resp: 14668

Ion	Ratio	Lower	Upper
129	100		
127	87.3	48.2	108.2
131	20.8	0.0	54.9

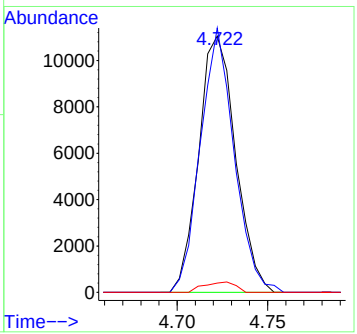


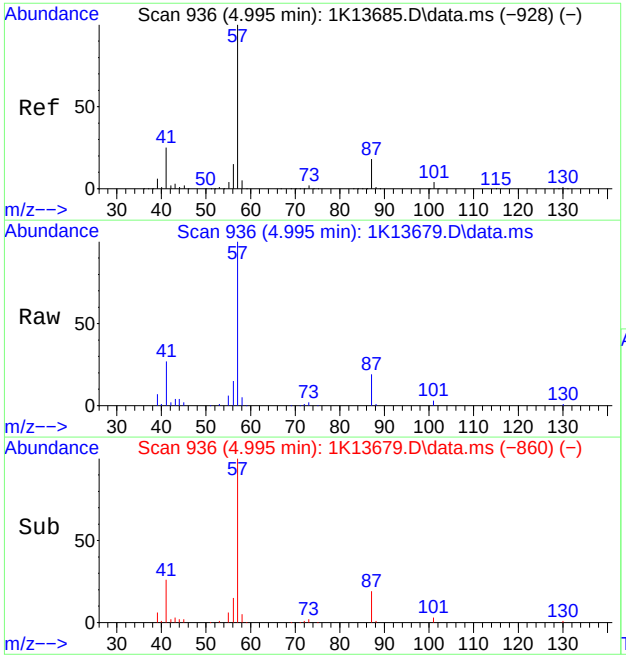


#83
1,2-dibromoethane
Concen: 4.02 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:107 Resp: 15634

Ion	Ratio	Lower	Upper
107	100		
109	103.2	64.1	124.1
188	3.6	0.0	33.9

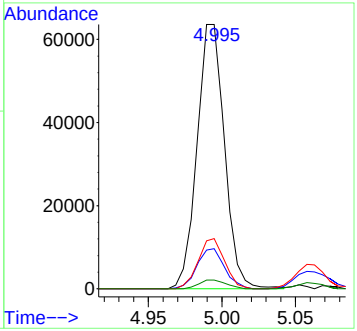


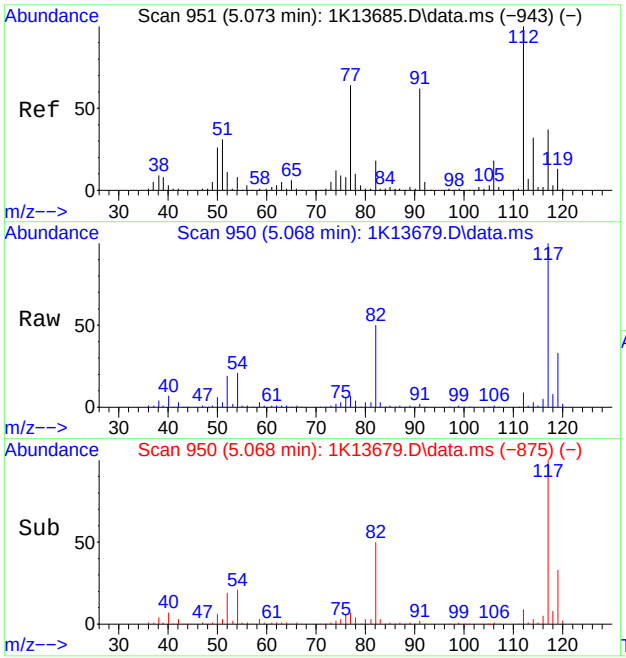


#84
n-butyl ether
Concen: 4.15 ug/L
RT: 4.995 min Scan# 936
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 57 Resp: 82379

Ion	Ratio	Lower	Upper
57	100		
56	15.1	0.0	44.5
87	19.0	0.0	47.6
101	3.3	0.0	33.9

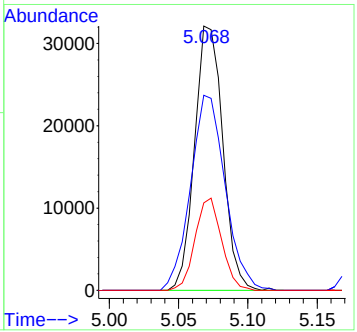


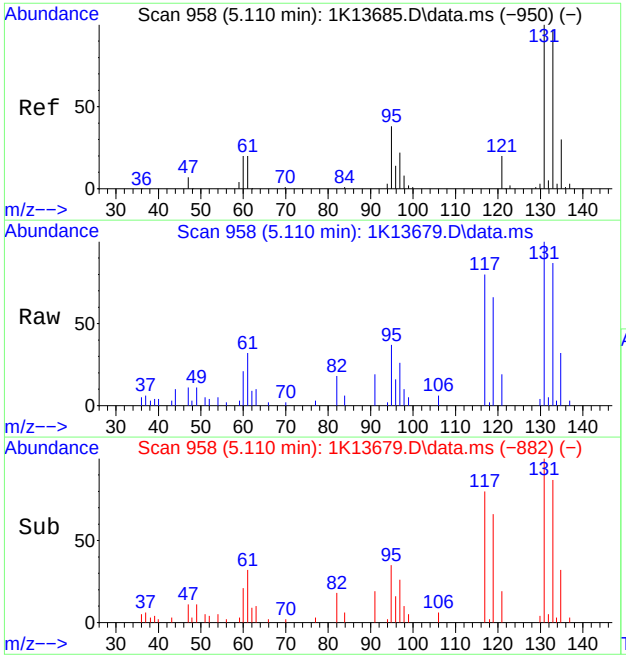


#85
chlorobenzene
Concen: 3.99 ug/L
RT: 5.068 min Scan# 950
Delta R.T. -0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:112 Resp: 45433

Ion	Ratio	Lower	Upper
112	100		
77	73.8	33.8	93.8
114	33.1	2.0	62.0

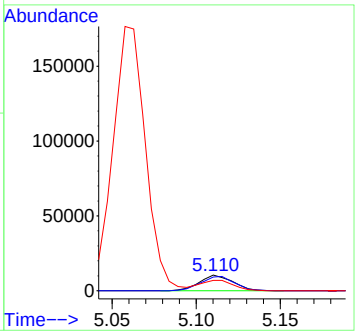


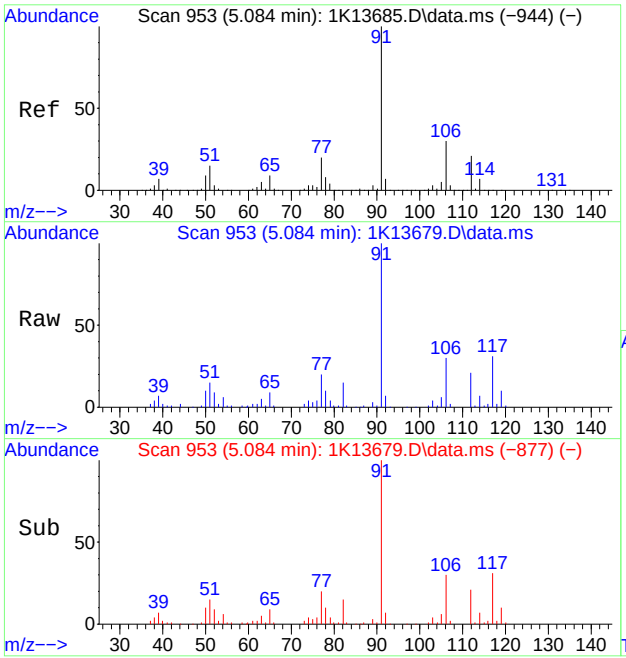


#86
1,1,1,2-tetrachloroethane
Concen: 4.07 ug/L
RT: 5.110 min Scan# 958
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:131 Resp: 14479

Ion	Ratio	Lower	Upper
131	100		
133	86.9	67.0	127.0
119	65.6	34.4	94.4

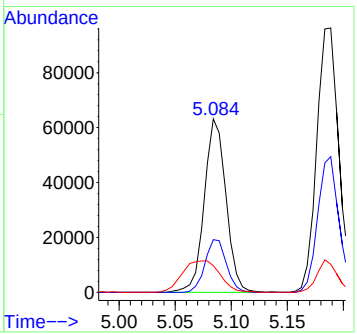




#87
ethylbenzene
Concen: 3.88 ug/L
RT: 5.084 min Scan# 953
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

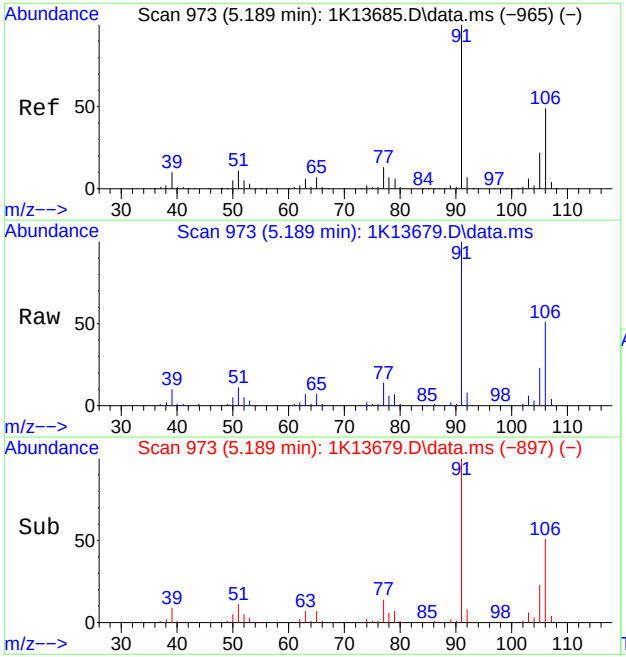
Tgt Ion: 91 Resp: 85460

Ion	Ratio	Lower	Upper
91	100		
106	30.4	0.2	60.2
51	15.3	0.0	45.3



7.6.18

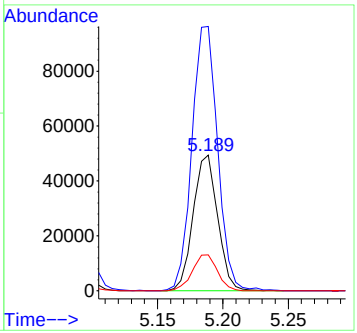
7

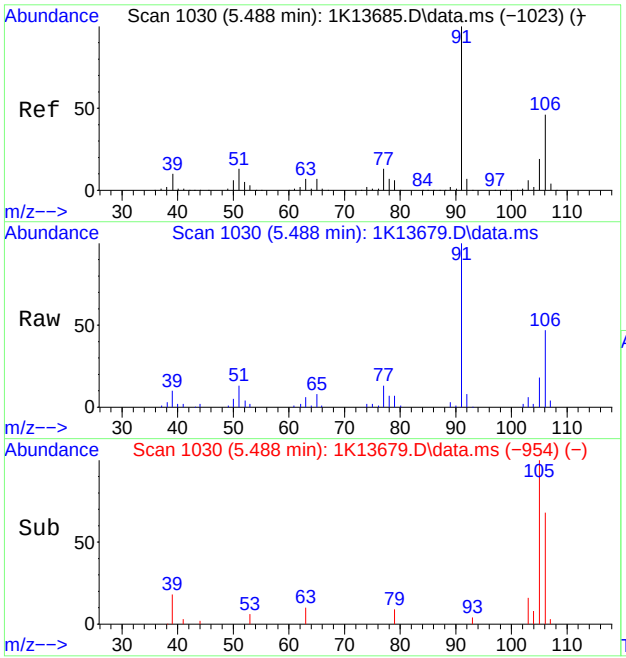


#88
m,p-xylene
Concen: 8.14 ug/L
RT: 5.189 min Scan# 973
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:106 Resp: 64420

Ion	Ratio	Lower	Upper
106	100		
91	195.0	172.8	232.8
77	26.5	5.8	45.8

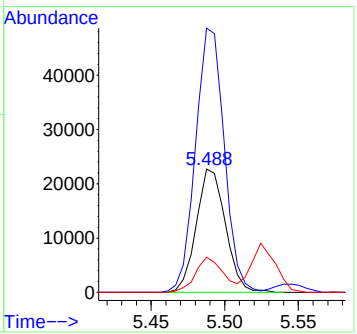


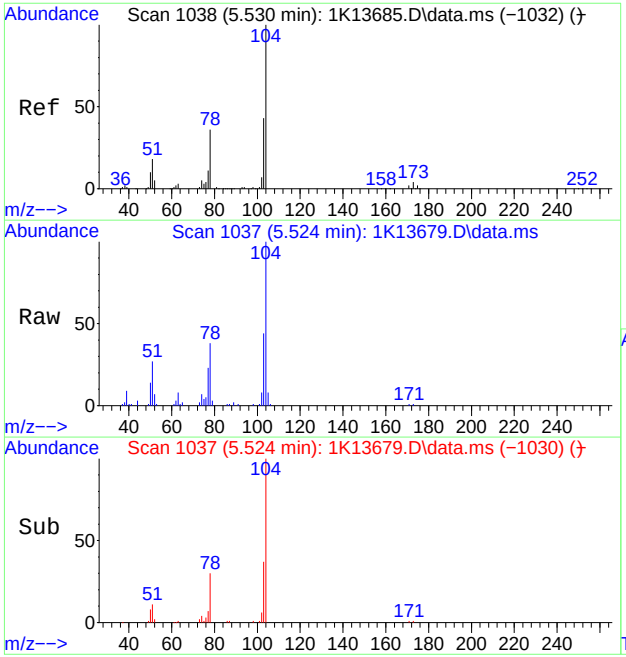


#89
o-xylene
Concen: 4.24 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:106 Resp: 31303

Ion	Ratio	Lower	Upper
106	100		
91	214.2	186.3	246.3
77	28.5	7.1	47.1

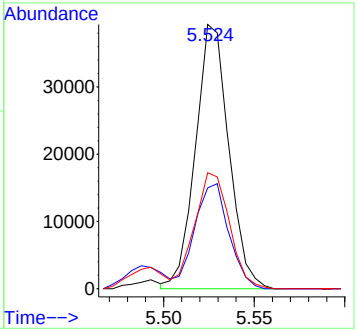


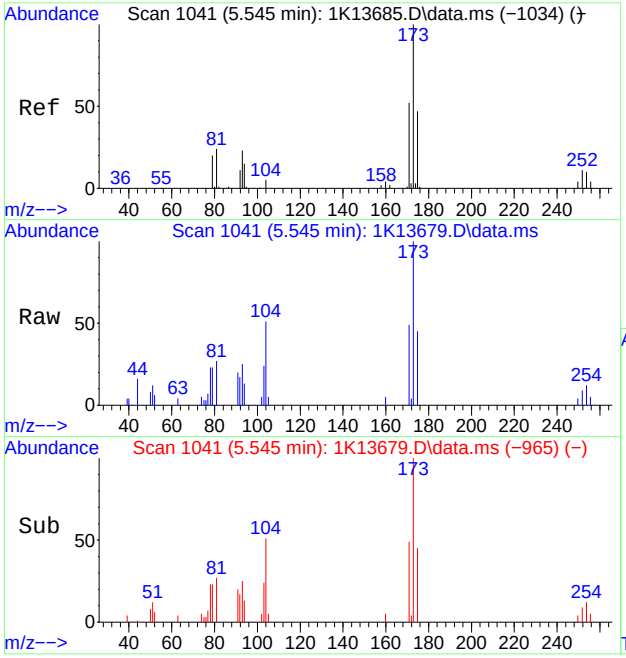


#90
styrene
Concen: 4.13 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:104 Resp: 50261

Ion	Ratio	Lower	Upper
104	100		
78	38.1	10.4	70.4
103	43.9	17.6	77.6

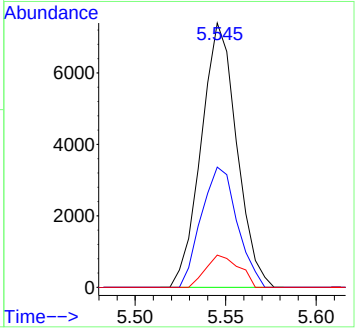


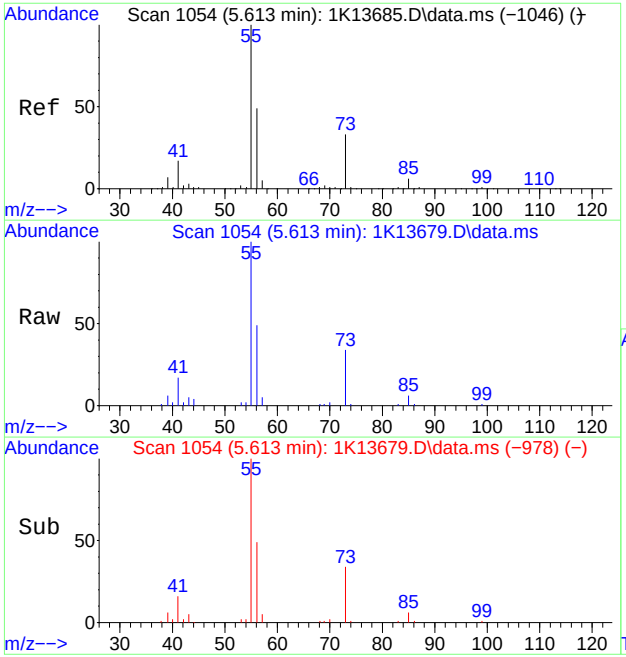


#91
bromoform
Concen: 4.10 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:173 Resp: 10093

Ion	Ratio	Lower	Upper
173	100		
175	45.4	17.2	77.2
254	12.3	0.0	39.9

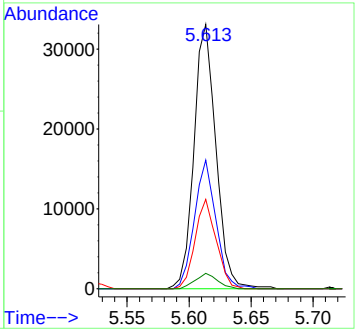


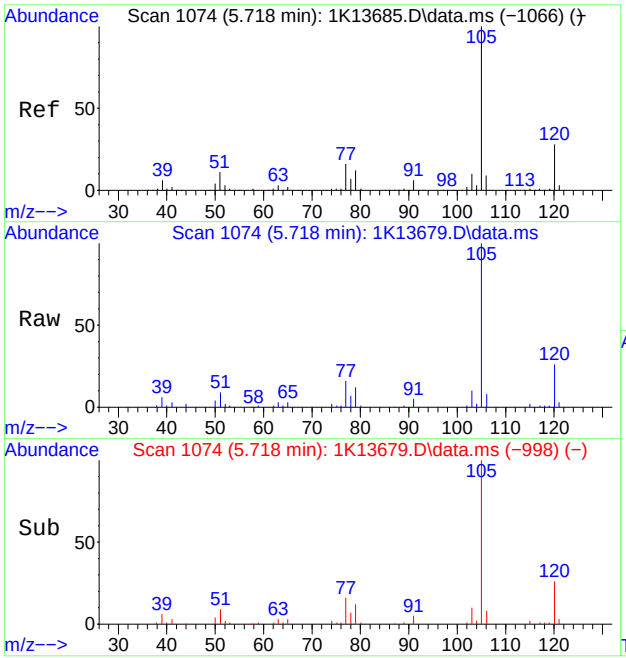


#92
butyl acrylate
Concen: 4.14 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 55 Resp: 41163

Ion	Ratio	Lower	Upper
55	100		
56	48.7	19.4	79.4
73	33.8	3.4	63.4
85	5.8	0.0	36.1

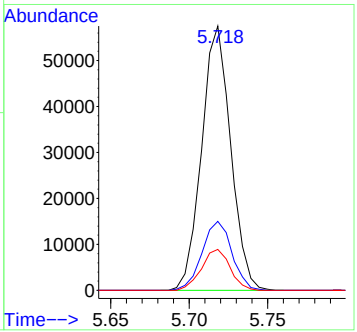


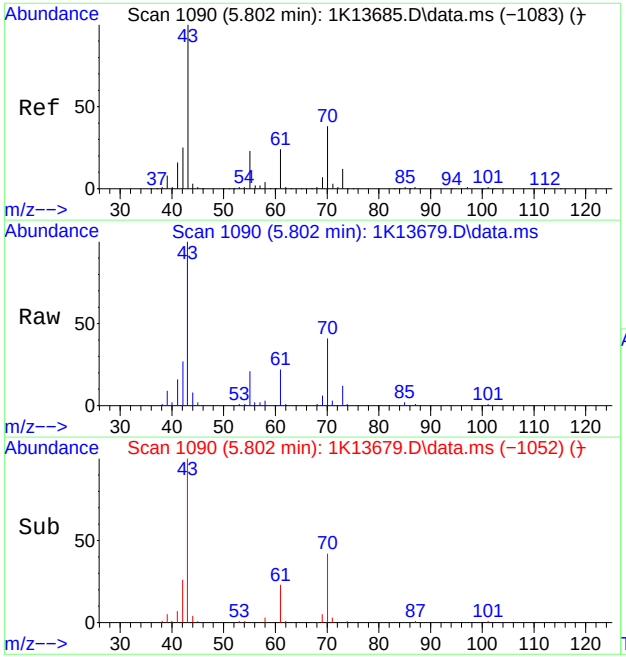


#93
isopropylbenzene
Concen: 4.23 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:105 Resp: 74171

Ion	Ratio	Lower	Upper
105	100		
120	26.1	7.6	47.6
77	15.5	0.0	35.6

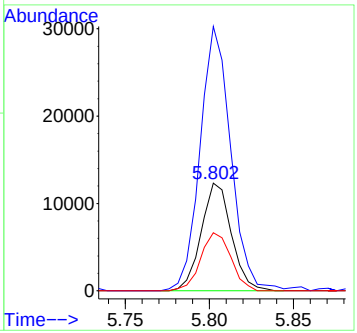


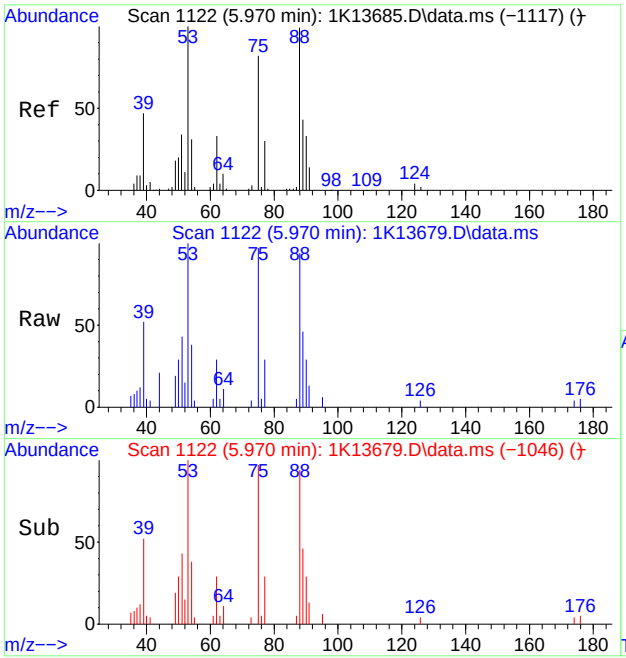


#94
n-amyl acetate
Concen: 4.34 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 70 Resp: 15408

Ion	Ratio	Lower	Upper
70	100		
43	245.6	241.4	281.4
61	54.1	43.1	83.1

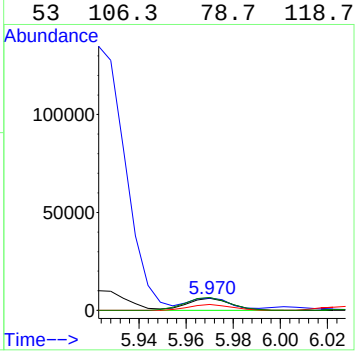


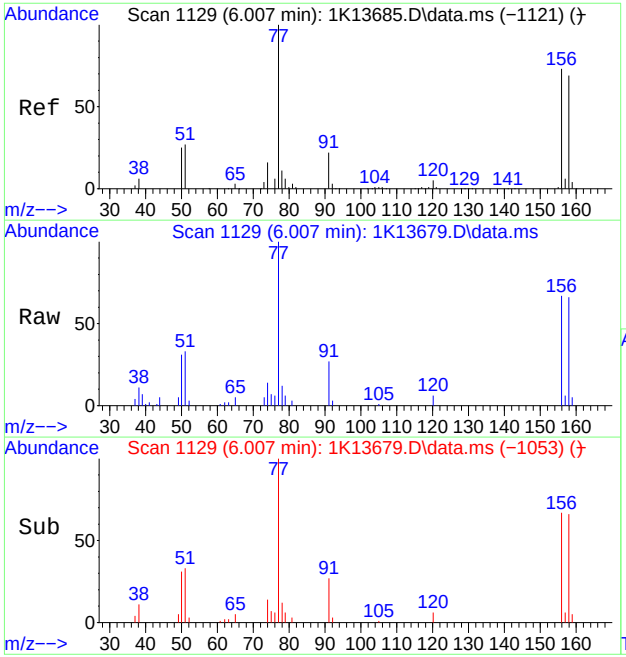


#95
cis-1,4-dichloro-2-butene
Concen: 3.72 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 88 Resp: 7798

Ion	Ratio	Lower	Upper
88	100		
75	71.5	61.4	101.4
89	48.4	22.1	62.1
53	106.3	78.7	118.7

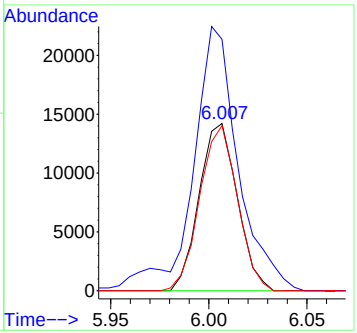


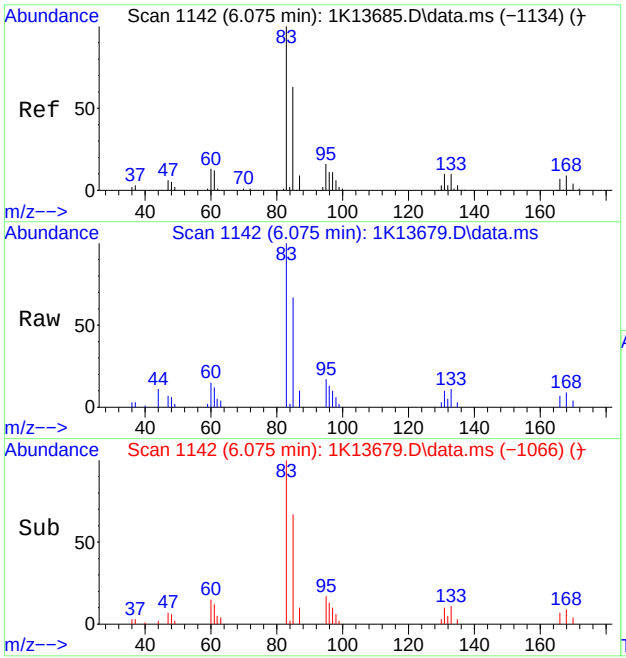


#98
bromobenzene
Concen: 4.12 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:156 Resp: 19276

Ion	Ratio	Lower	Upper
156	100		
77	143.0	121.4	181.4
158	98.7	64.8	124.8

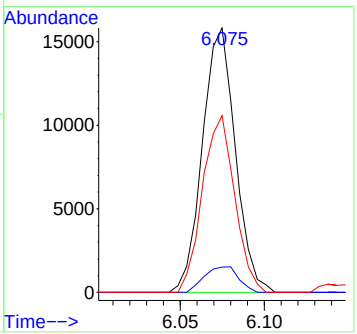


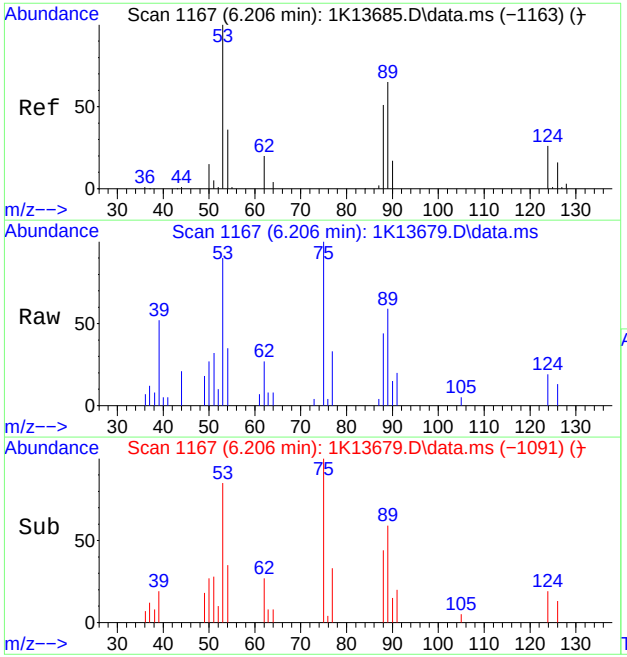


#99
1,1,2,2-tetrachloroethane
Concen: 4.18 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 83 Resp: 21585

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	40.4
85	66.9	33.3	93.3

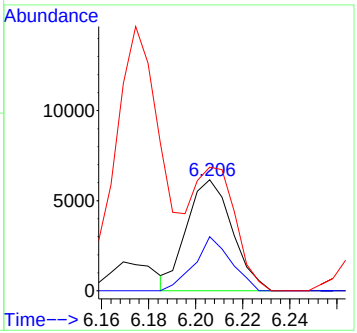


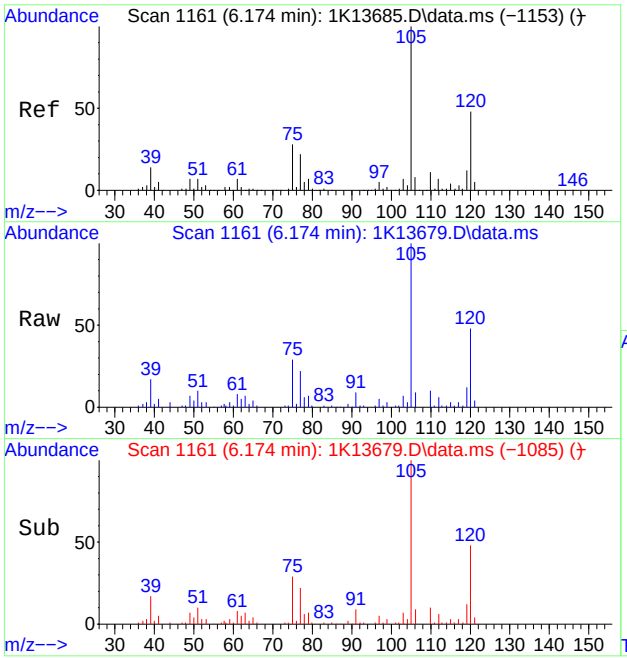


#100
trans-1,4-dichloro-2-butene
Concen: 3.87 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 53 Resp: 8251

Ion	Ratio	Lower	Upper
53	100		
88	48.7	15.0	75.0
75	111.4	88.4	148.4

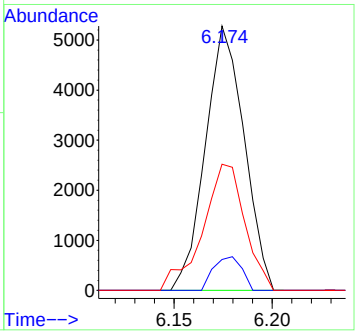


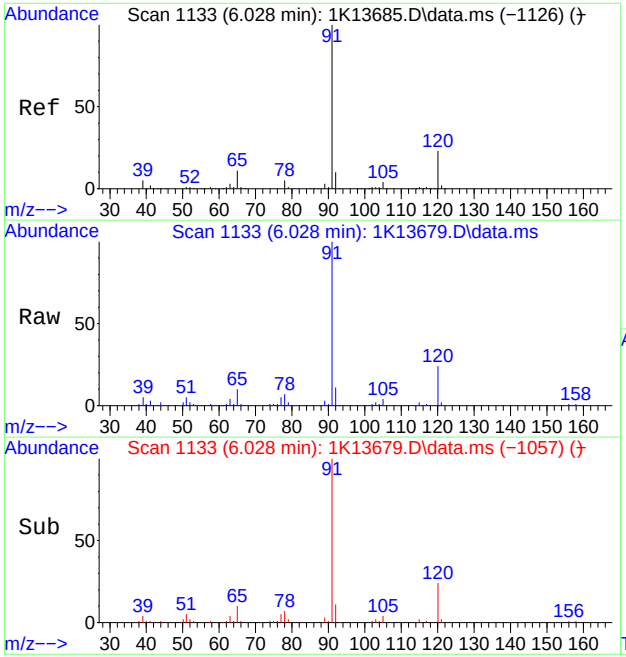


#101
1,2,3-trichloropropane
Concen: 4.25 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:110 Resp: 7261

Ion	Ratio	Lower	Upper
110	100		
111	11.7	0.0	40.4
97	47.7	19.6	79.6

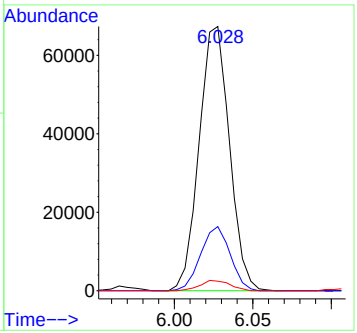


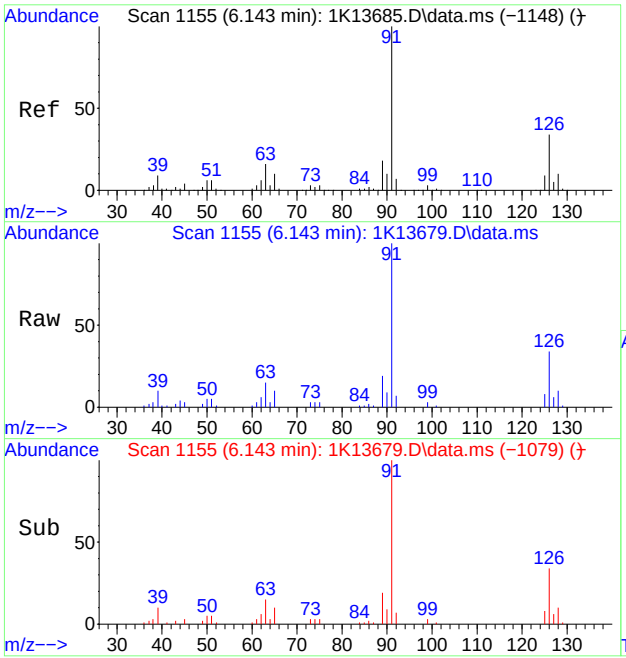


#102
n-propylbenzene
Concen: 4.03 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 91 Resp: 90662

Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	53.1
105	3.6	0.0	33.8

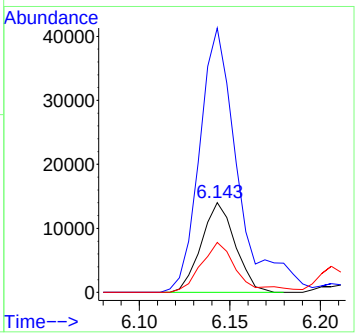


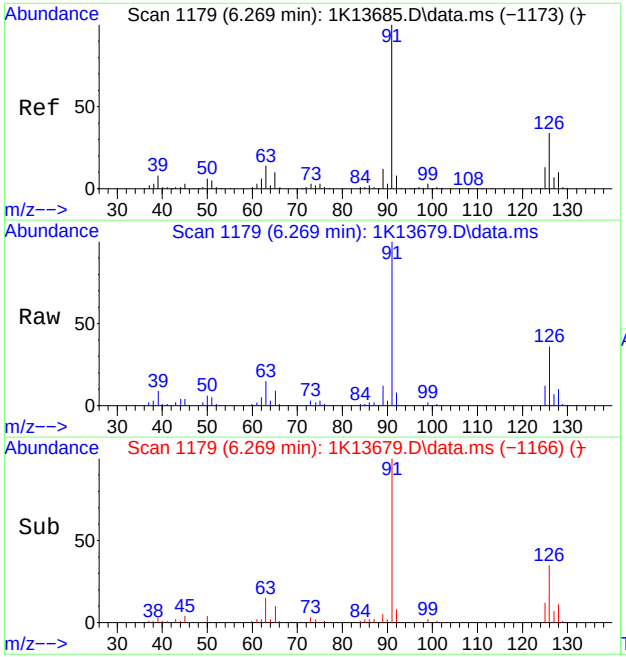


#103
2-chlorotoluene
Concen: 4.20 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:126 Resp: 18189

Ion	Ratio	Lower	Upper
126	100		
91	294.6	265.3	325.3
89	55.7	24.5	84.5

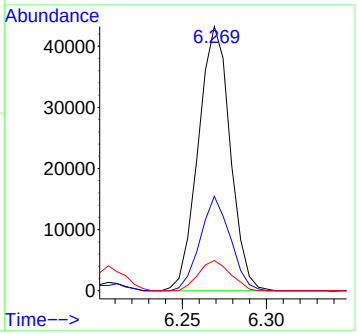


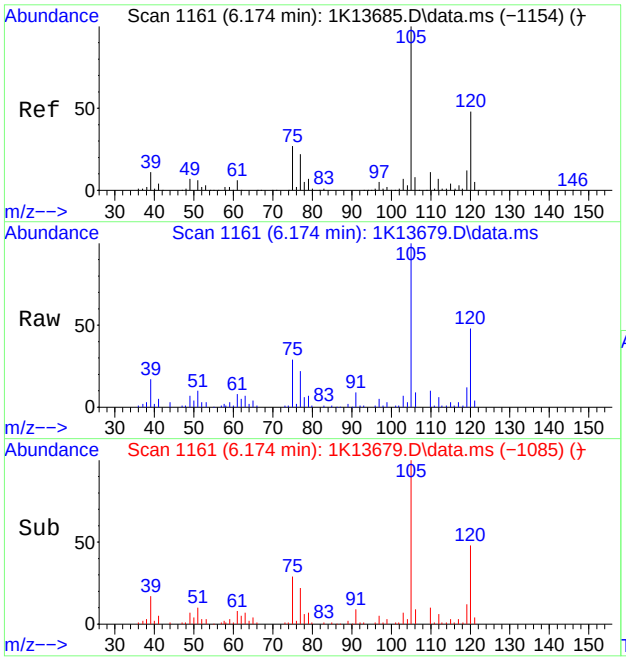


#104
4-chlorotoluene
Concen: 4.00 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 91 Resp: 57242

Ion	Ratio	Lower	Upper
91	100		
126	35.7	3.8	63.8
89	11.5	0.0	41.7

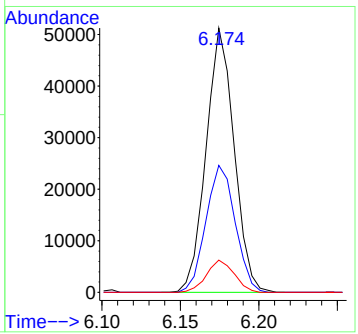


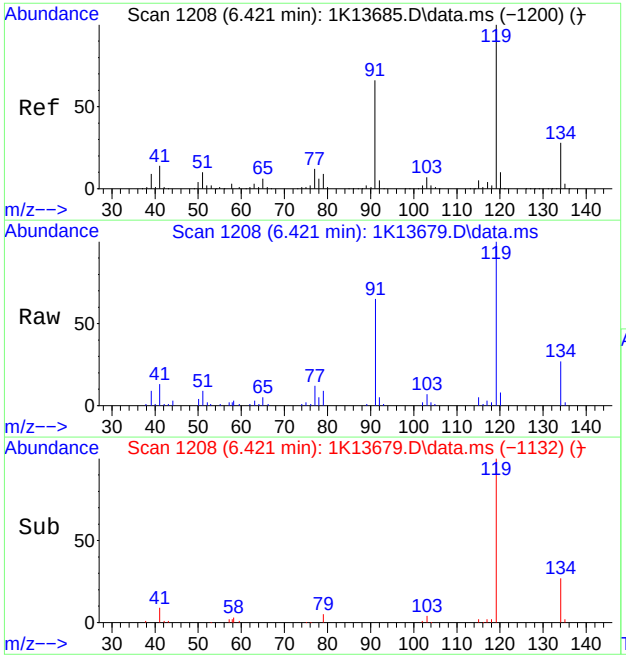


#105
1,3,5-trimethylbenzene
Concen: 4.22 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:105 Resp: 63776

Ion	Ratio	Lower	Upper
105	100		
120	48.1	18.3	78.3
119	12.2	0.0	42.2

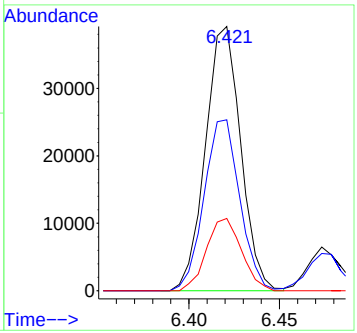


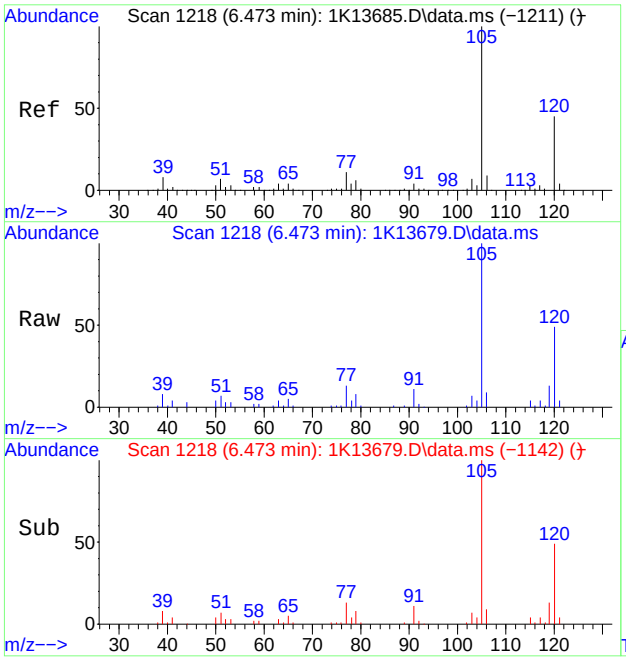


#106
tert-butylbenzene
Concen: 4.15 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:119 Resp: 53084

Ion	Ratio	Lower	Upper
119	100		
91	64.7	36.3	96.3
134	27.4	0.0	57.5

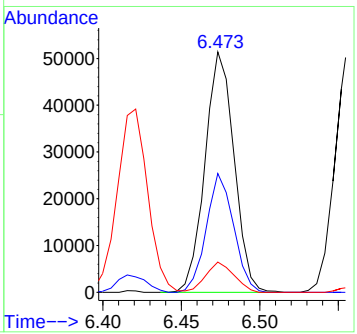


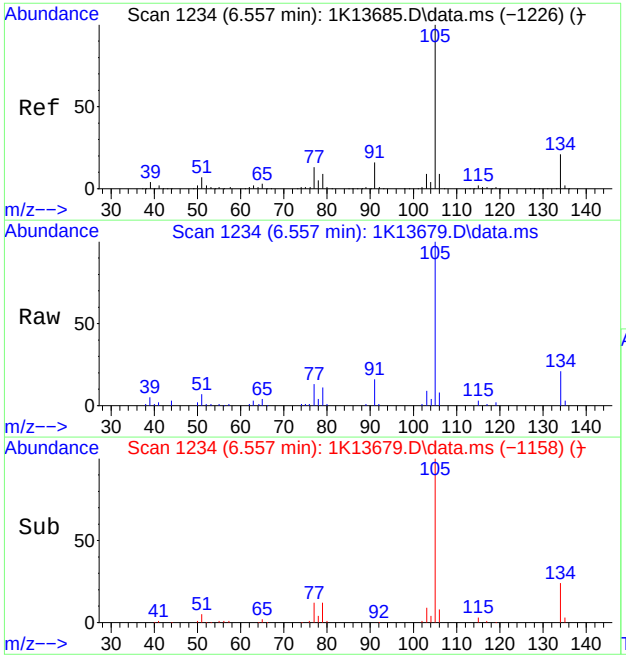


#107
1,2,4-trimethylbenzene
Concen: 4.26 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:105 Resp: 66430

Ion	Ratio	Lower	Upper
105	100		
120	49.5	16.6	76.6
119	12.6	0.0	41.7

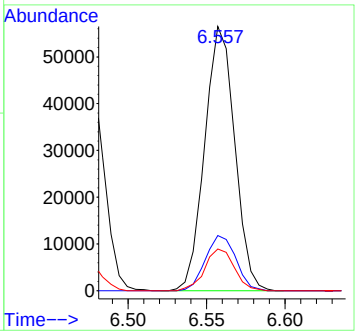


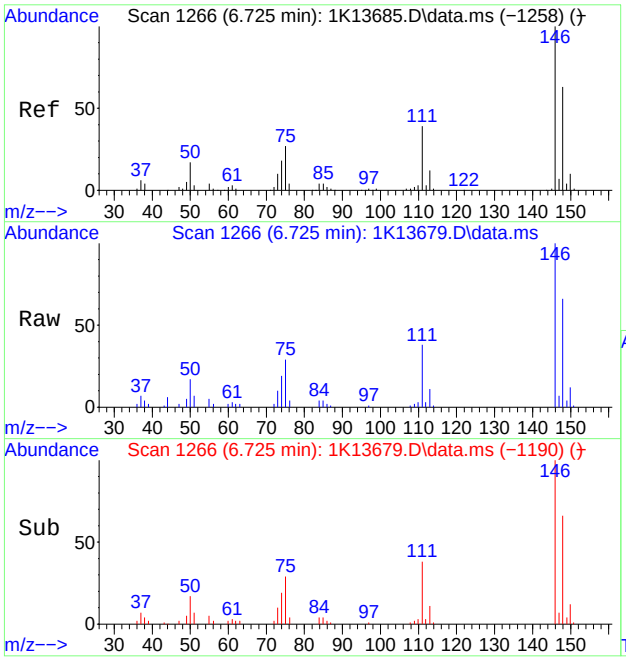


#108
sec-butylbenzene
Concen: 4.21 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:105 Resp: 75322

Ion	Ratio	Lower	Upper
105	100		
134	20.9	0.0	50.7
91	15.8	0.0	45.7

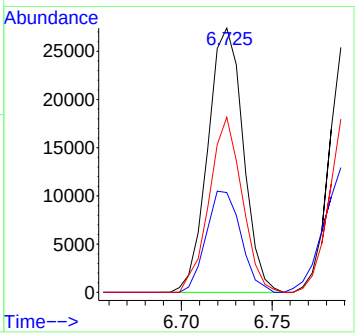


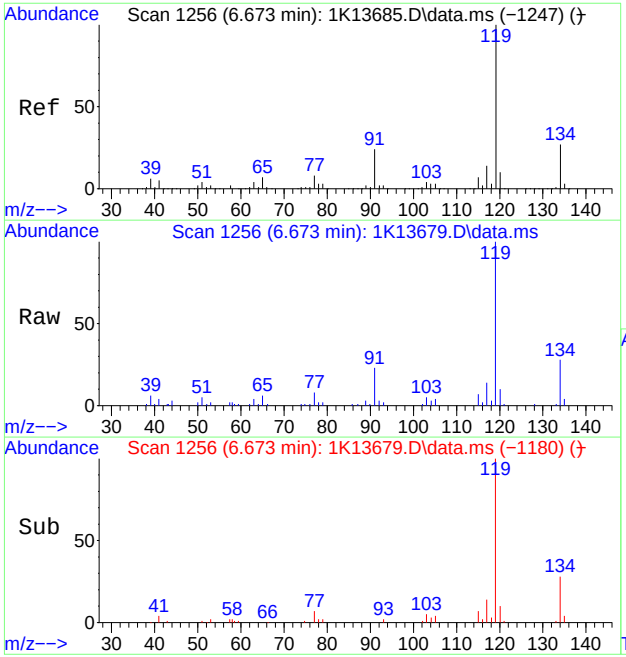


#109
1,3-dichlorobenzene
Concen: 4.09 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:146 Resp: 37246

Ion	Ratio	Lower	Upper
146	100		
111	37.7	8.8	68.8
148	66.3	33.3	93.3

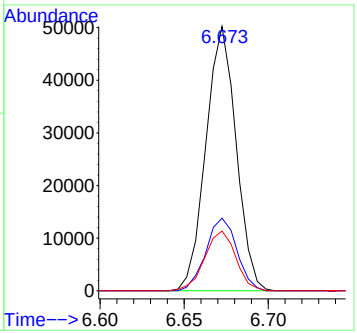


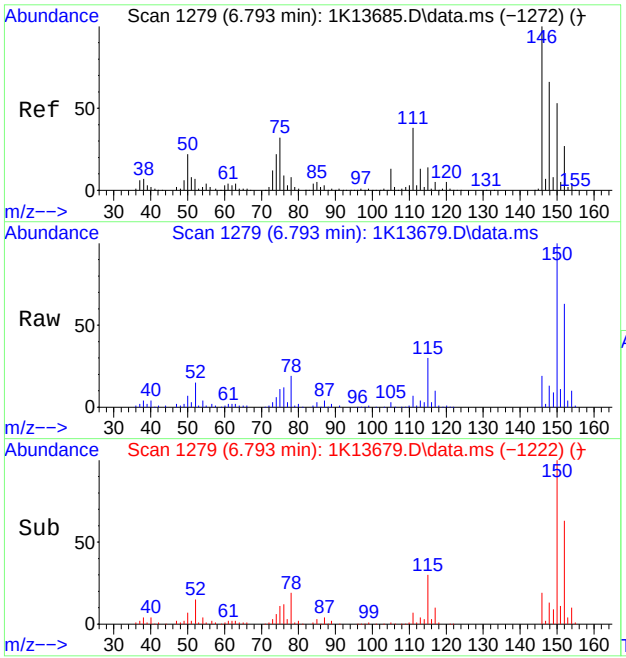


#110
p-isopropyltoluene
Concen: 4.18 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:119 Resp: 62877

Ion	Ratio	Lower	Upper
119	100		
134	27.5	0.0	57.5
91	22.6	0.0	53.9

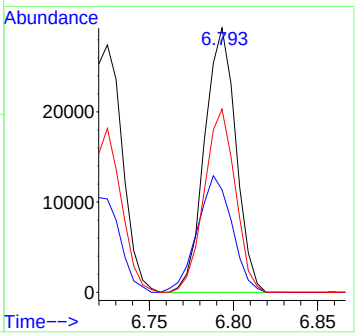


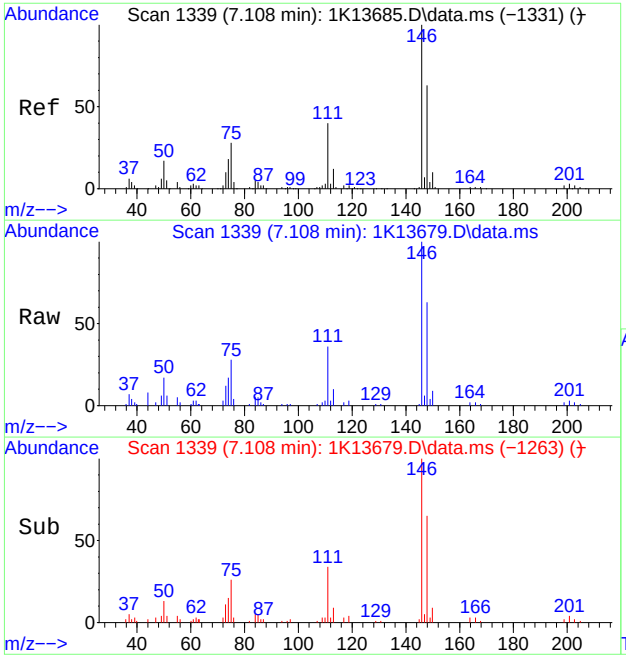


#111
1,4-dichlorobenzene
Concen: 4.11 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:146 Resp: 37953

Ion	Ratio	Lower	Upper
146	100		
111	38.8	7.8	67.8
148	69.4	35.5	95.5

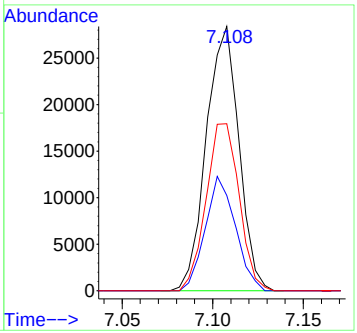


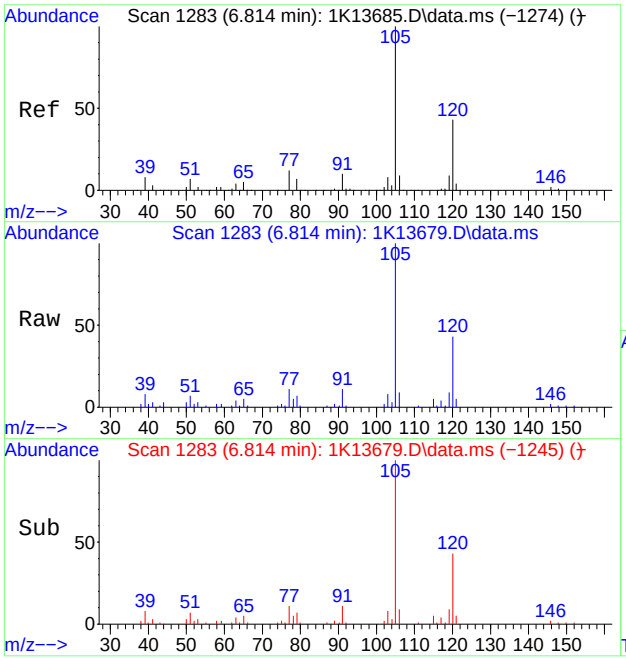


#112
1,2-dichlorobenzene
Concen: 4.10 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:146 Resp: 35436

Ion	Ratio	Lower	Upper
146	100		
111	36.0	9.5	69.5
148	63.2	32.9	92.9

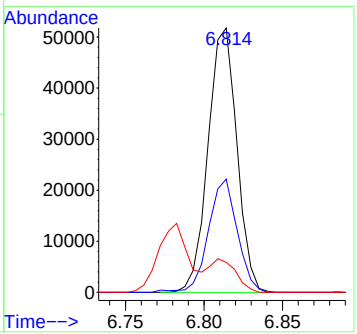


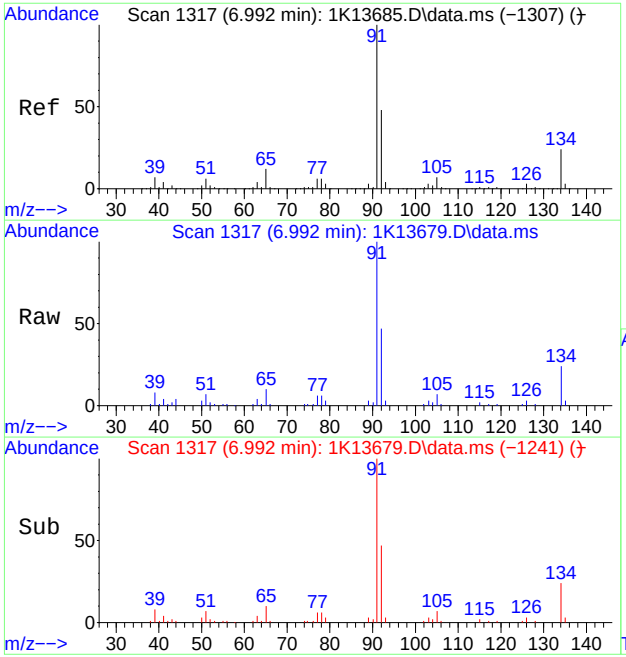


#113
1,2,3-trimethylbenzene
Concen: 4.03 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:105 Resp: 66298

Ion	Ratio	Lower	Upper
105	100		
120	42.8	13.3	73.3
77	11.3	0.0	42.2

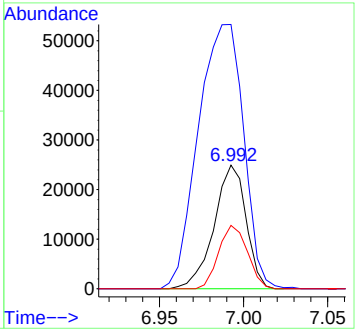


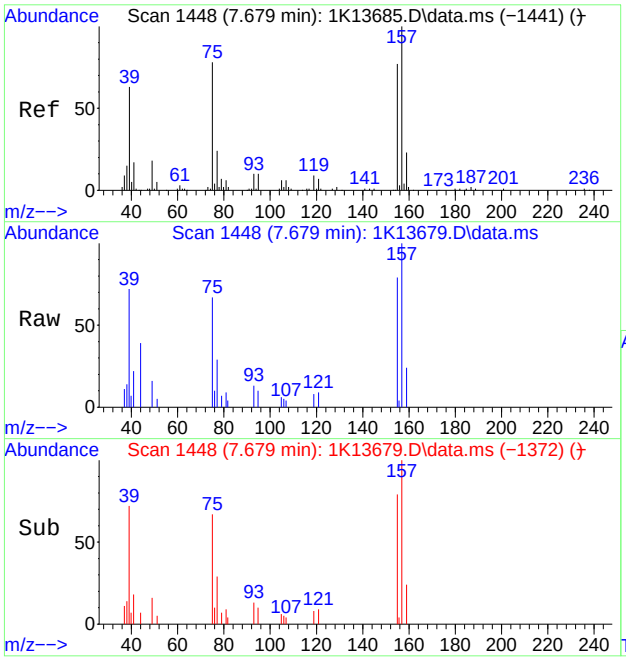


#114
n-butylbenzene
Concen: 4.10 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion: 92 Resp: 33156

Ion	Ratio	Lower	Upper
92	100		
91	213.9	176.9	236.9
134	51.3	18.8	78.8

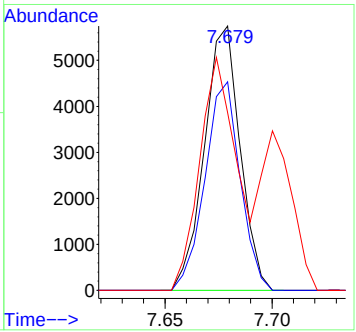




#115
1,2-dibromo-3-chloropropane
Concen: 3.91 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:157 Resp: 6679

Ion	Ratio	Lower	Upper
157	100		
155	78.8	47.4	107.4
75	67.2	47.7	107.7



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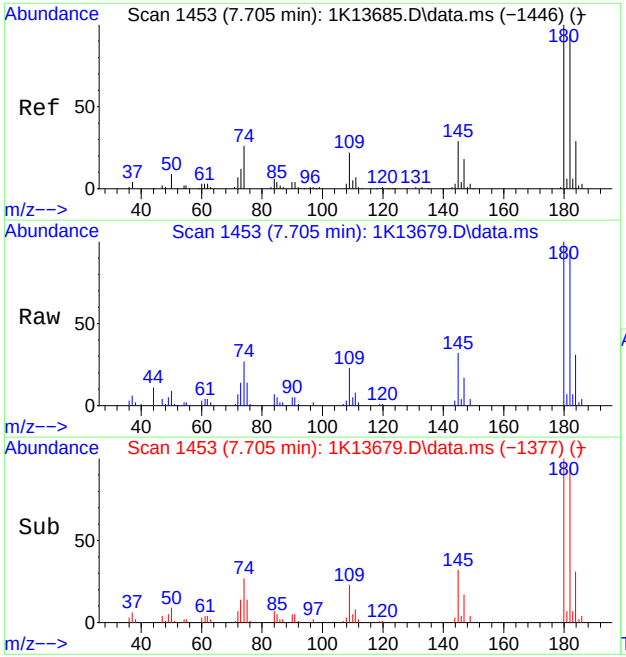
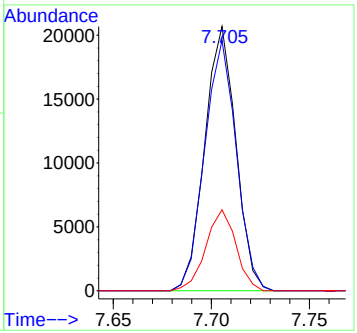
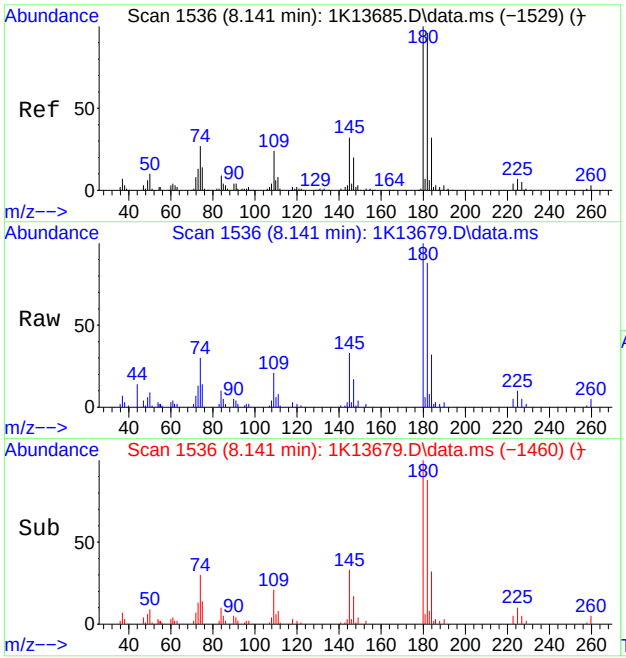


#116
1,3,5-trichlorobenzene
Concen: 3.99 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:180 Resp: 22896

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.2	114.2
184	30.6	9.3	49.3

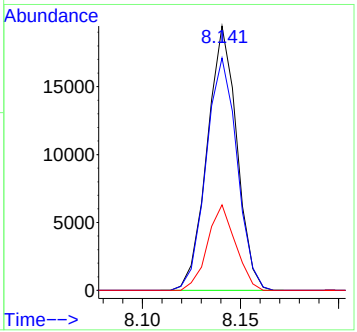


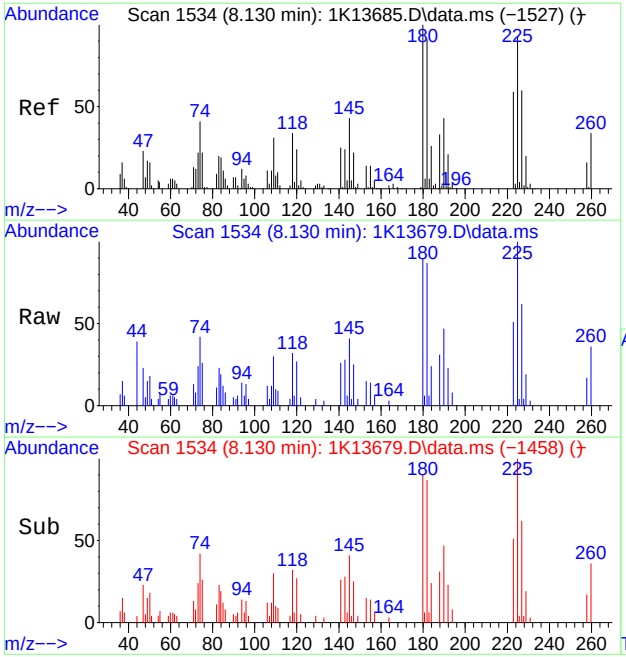


#117
1,2,4-trichlorobenzene
Concen: 3.93 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:180 Resp: 20474

Ion	Ratio	Lower	Upper
180	100		
182	87.8	66.2	126.2
184	32.4	1.6	61.6

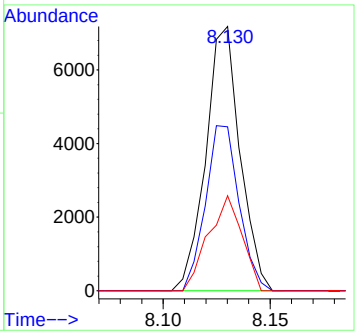


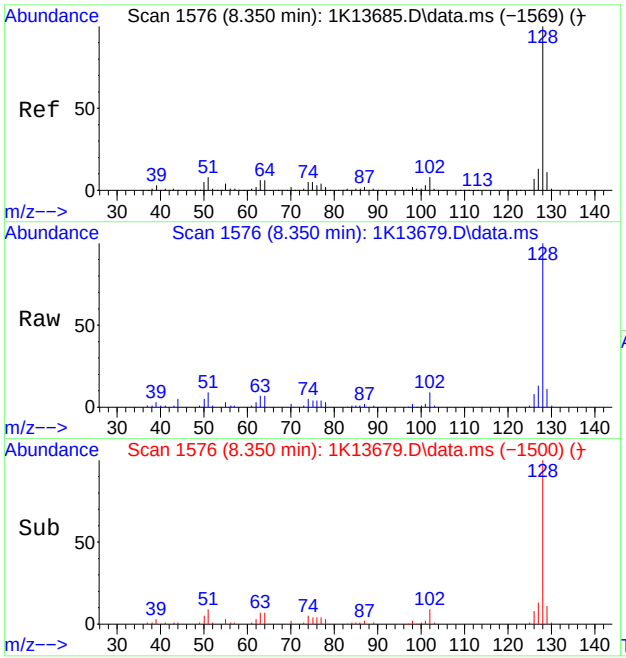


#118
hexachlorobutadiene
Concen: 4.53 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:225 Resp: 8021

Ion	Ratio	Lower	Upper
225	100		
227	62.0	34.0	94.0
260	36.0	6.4	66.4

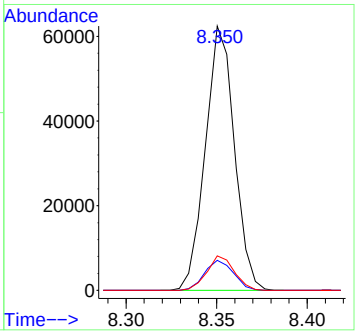


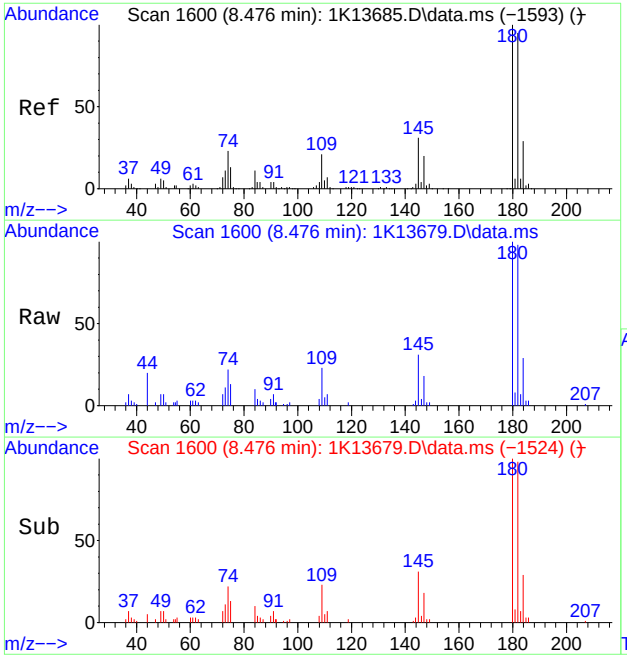


#119
naphthalene
Concen: 3.83 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:128 Resp: 69259

Ion	Ratio	Lower	Upper
128	100		
129	11.4	0.0	40.7
127	13.1	0.0	42.5

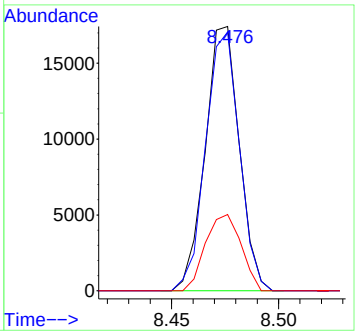


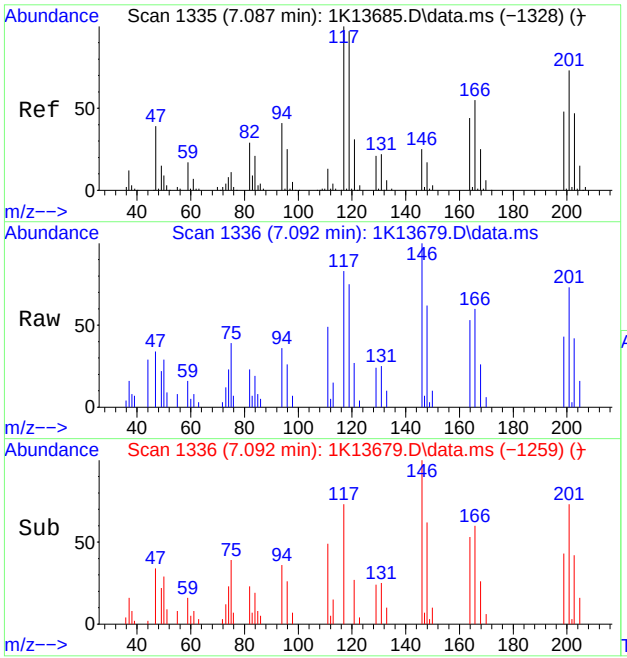


#120
1,2,3-trichlorobenzene
Concen: 4.05 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:180 Resp: 19365

Ion	Ratio	Lower	Upper
180	100		
182	97.8	64.7	124.7
184	28.8	0.0	59.2

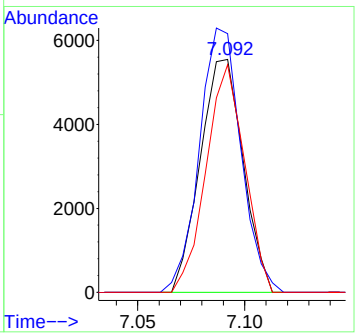


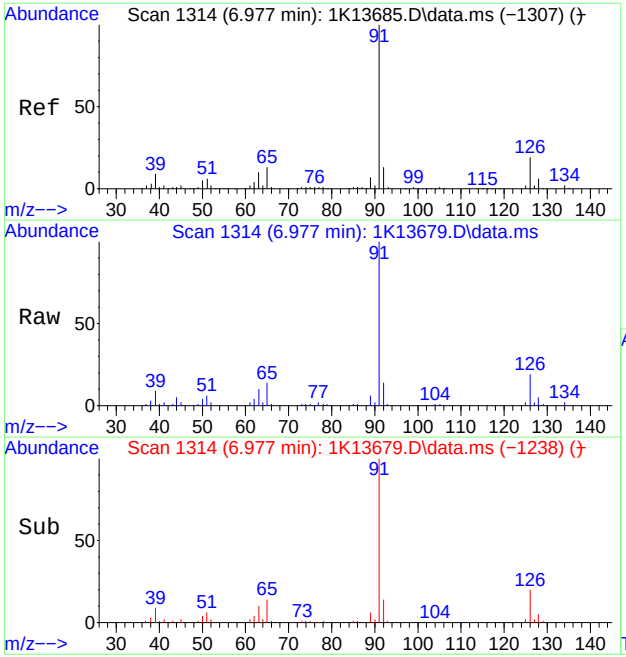


#121
hexachloroethane
Concen: 3.86 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:119 Resp: 7760

Ion	Ratio	Lower	Upper
119	100		
117	111.0	73.4	133.4
201	97.7	45.3	105.3

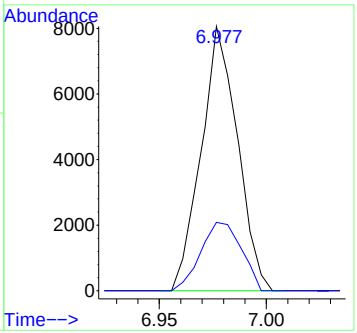


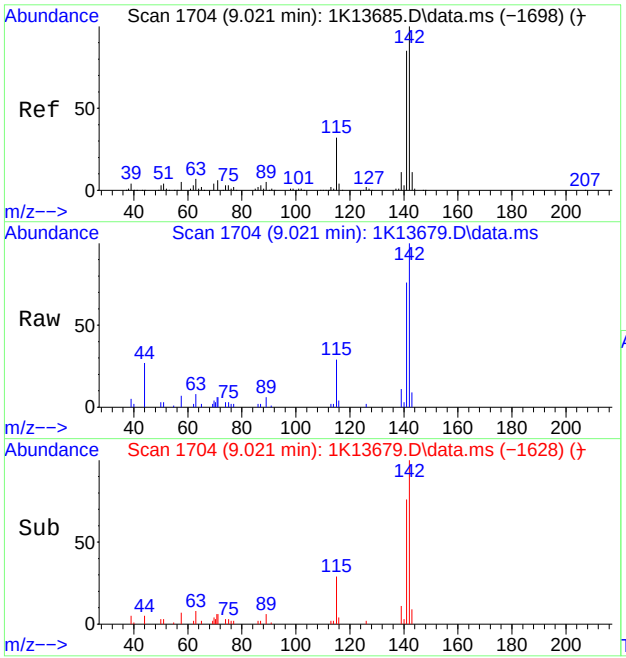


#122
benzyl chloride
Concen: 4.26 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:126 Resp: 9529

Ion	Ratio	Lower	Upper
126	100		
128	25.9	2.6	62.6

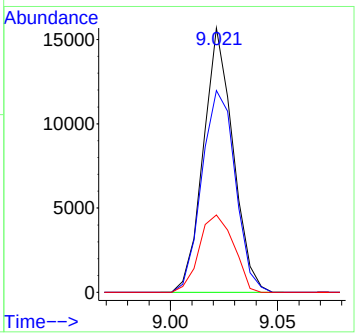




#123
2-methylnaphthalene
Concen: 2.18 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. 0.000 min
Lab File: 1K13679.D
Acq: 2 Dec 2023 3:55 pm

Tgt Ion:142 Resp: 15154

Ion	Ratio	Lower	Upper
142	100		
141	76.3	55.2	115.2
115	29.3	1.8	61.8



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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13681.D
Acq On : 2 Dec 2023 4:27 pm
Operator : PrashanS
Sample : IC376-8
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 04 15:47:50 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	482741	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	486043	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	893370	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	744376	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	362530	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	486043	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	362530	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	246994	50.71	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 101.42%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	287762	49.78	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.56%				
73) toluene-d8 (s)	4.061	98	1019139	50.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.34%				
97) 4-bromofluorobenzene (s)	5.923	95	361771	50.96	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 101.92%				
Target Compounds							Qvalue
2) ethanol	1.676	45	92011	785.61	ug/L		100
3) tertiary butyl alcohol	2.090	59	52245	40.51	ug/L		98
4) 1,4-dioxane	3.689	88	20670	207.10	ug/L		88
6) chlorodifluoromethane	1.115	51	48662	7.67	ug/L		92
7) dichlorodifluoromethane	1.094	85	32718	8.77	ug/L		97
8) chloromethane	1.199	50	33577	7.92	ug/L		98
9) vinyl chloride	1.230	62	40420	8.55	ug/L		95
10) 1,3-butadiene	1.230	39	37646	7.02	ug/L		98
11) bromomethane	1.377	96	6292	7.59	ug/L	#	99
12) chloroethane	1.435	64	22981	7.96	ug/L		91
13) trichlorofluoromethane	1.492	101	48275	8.55	ug/L		97
14) ethyl ether	1.613	74	19673	8.23	ug/L		94
15) acrolein	1.859	56	8561	7.52	ug/L		86
16) freon 113	1.728	151	25079	8.40	ug/L		98
17) 1,1-dichloroethene	1.718	61	48105	8.18	ug/L		98
18) acetone	1.980	58	30010	31.31	ug/L		96
19) acetonitrile	2.195	41	69194	81.56	ug/L		98
20) iodomethane	1.796	142	14479	7.81	ug/L		98
21) carbon disulfide	1.749	76	90097	7.95	ug/L		98
22) methylene chloride	1.975	84	34561	8.05	ug/L		92
23) methyl acetate	2.027	74	8038	7.64	ug/L	#	77
24) methyl tert butyl ether	2.074	73	99937	8.13	ug/L		92
25) trans-1,2-dichloroethene	2.043	96	31957	8.02	ug/L		97
26) hexane	2.069	57	82817	7.88	ug/L		98
27) di-isopropyl ether	2.232	45	103576	7.90	ug/L		98
28) ethyl tert-butyl ether	2.399	59	114386	8.44	ug/L		99
29) 2-butanone	2.819	72	33147	33.42	ug/L		97
30) 1,1-dichloroethane	2.315	63	62979	8.18	ug/L		98
31) chloroprene	2.300	53	61501	8.57	ug/L		96
32) acrylonitrile	2.331	52	17457	8.44	ug/L		97
33) vinyl acetate	2.405	86	8073	8.71	ug/L	#	88
34) ethyl acetate	2.714	70	5642	8.98	ug/L		89
35) 2,2-dichloropropane	2.614	77	50951	8.06	ug/L		97
36) cis-1,2-dichloroethene	2.562	96	35460	7.89	ug/L		95
37) propionitrile	2.971	54	101584	79.22	ug/L		95
38) methyl acrylate	2.730	85	8619	7.85	ug/L	#	72
39) bromochloromethane	2.656	128	15845	8.06	ug/L		93
40) tetrahydrofuran	2.761	71	7405	7.80	ug/L	#	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13681.D
Acq On : 2 Dec 2023 4:27 pm
Operator : PrashanS
Sample : IC376-8
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 04 15:47:50 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	19675	7.58	ug/L		96
43) methacrylonitrile	2.987	67	21652	7.77	ug/L		81
44) 1,1,1-trichloroethane	2.798	97	50570	7.93	ug/L		96
45) cyclohexane	2.672	84	60098	8.64	ug/L		96
46) 1,1-dichloropropene	2.856	75	47855	8.48	ug/L		96
47) carbon tetrachloride	2.766	117	41507	7.19	ug/L		97
48) isobutyl alcohol	3.029	43	68716	77.06	ug/L	#	45
49) tert-amyl alcohol	3.091	55	17804	42.05	ug/L	#	90
52) iso-octane	2.897	57	104744	7.74	ug/L		98
53) benzene	2.976	78	139793	7.95	ug/L		100
54) tert-amyl methyl ether	3.013	73	99922	7.43	ug/L		99
55) heptane	2.939	57	19567	7.93	ug/L		93
56) isopropyl acetate	3.165	87	9666	7.95	ug/L		94
57) 1,2-dichloroethane	3.076	62	47666	7.30	ug/L		98
58) n-butyl alcohol	3.401	56	135721	412.13	ug/L		96
59) ethyl acrylate	3.537	55	62703	8.29	ug/L		98
60) trichloroethene	3.275	130	36073	8.22	ug/L		98
61) 2-nitropropane	4.224	41	15931	7.02	ug/L		97
62) 2-chloroethyl vinyl ether	3.894	63	87040	46.51	ug/L		99
63) methyl methacrylate	3.652	100	11676	8.76	ug/L		94
64) 1,2-dichloropropane	3.558	63	36050	8.10	ug/L		94
65) methylcyclohexane	3.275	98	26928	7.98	ug/L	#	83
66) dibromomethane	3.500	93	20201	7.77	ug/L		94
67) bromodichloromethane	3.584	83	41981	7.64	ug/L		92
68) epichlorohydrin	4.088	57	34830	38.31	ug/L		92
69) cis-1,3-dichloropropene	3.946	75	56246	8.42	ug/L		98
70) 4-methyl-2-pentanone	4.308	58	82340	33.49	ug/L		98
71) 3-methyl-1-butanol	4.161	70	42646	161.51	ug/L		98
74) toluene	4.093	92	82649	7.68	ug/L		95
75) ethyl methacrylate	4.423	69	48698	8.31	ug/L		94
76) trans-1,3-dichloropropene	4.339	75	51730	8.19	ug/L		99
77) 1,1,2-trichloroethane	4.444	83	24469	7.99	ug/L		98
78) tetrachloroethene	4.339	166	35117	8.13	ug/L		92
79) 2-hexanone	4.848	58	93140	33.09	ug/L		97
80) 1,3-dichloropropane	4.622	76	54061	7.97	ug/L		99
81) butyl acetate	4.780	56	32214	8.47	ug/L		93
82) dibromochloromethane	4.559	129	30038	8.24	ug/L		97
83) 1,2-dibromoethane	4.722	107	31657	8.17	ug/L		99
84) n-butyl ether	4.989	57	167011	8.39	ug/L		99
85) chlorobenzene	5.073	112	90330	7.97	ug/L		98
86) 1,1,1,2-tetrachloroethane	5.115	131	28624	8.04	ug/L		92
87) ethylbenzene	5.084	91	163949	7.52	ug/L		98
88) m,p-xylene	5.183	106	127357	16.10	ug/L		98
89) o-xylene	5.488	106	61200	8.24	ug/L		98
90) styrene	5.529	104	98975	8.12	ug/L		100
91) bromoform	5.545	173	20809	8.44	ug/L		97
92) butyl acrylate	5.613	55	82835	8.31	ug/L		100
93) isopropylbenzene	5.718	105	147216	8.35	ug/L		100
94) n-amyl acetate	5.802	70	29964	8.33	ug/L		97
95) cis-1,4-dichloro-2-butene	5.970	88	16922	8.22	ug/L	#	88
98) bromobenzene	6.007	156	38276	8.28	ug/L		97
99) 1,1,2,2-tetrachloroethane	6.069	83	43042	8.40	ug/L		94
100) trans-1,4-dichloro-2-b...	6.206	53	16929	8.12	ug/L		99
101) 1,2,3-trichloropropane	6.174	110	15034	8.84	ug/L		99
102) n-propylbenzene	6.028	91	180316	8.13	ug/L		98
103) 2-chlorotoluene	6.143	126	36055	8.39	ug/L		97
104) 4-chlorotoluene	6.269	91	114532	8.13	ug/L		98
105) 1,3,5-trimethylbenzene	6.174	105	127615	8.51	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13681.D
Acq On : 2 Dec 2023 4:27 pm
Operator : PrashanS
Sample : IC376-8
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 04 15:47:50 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

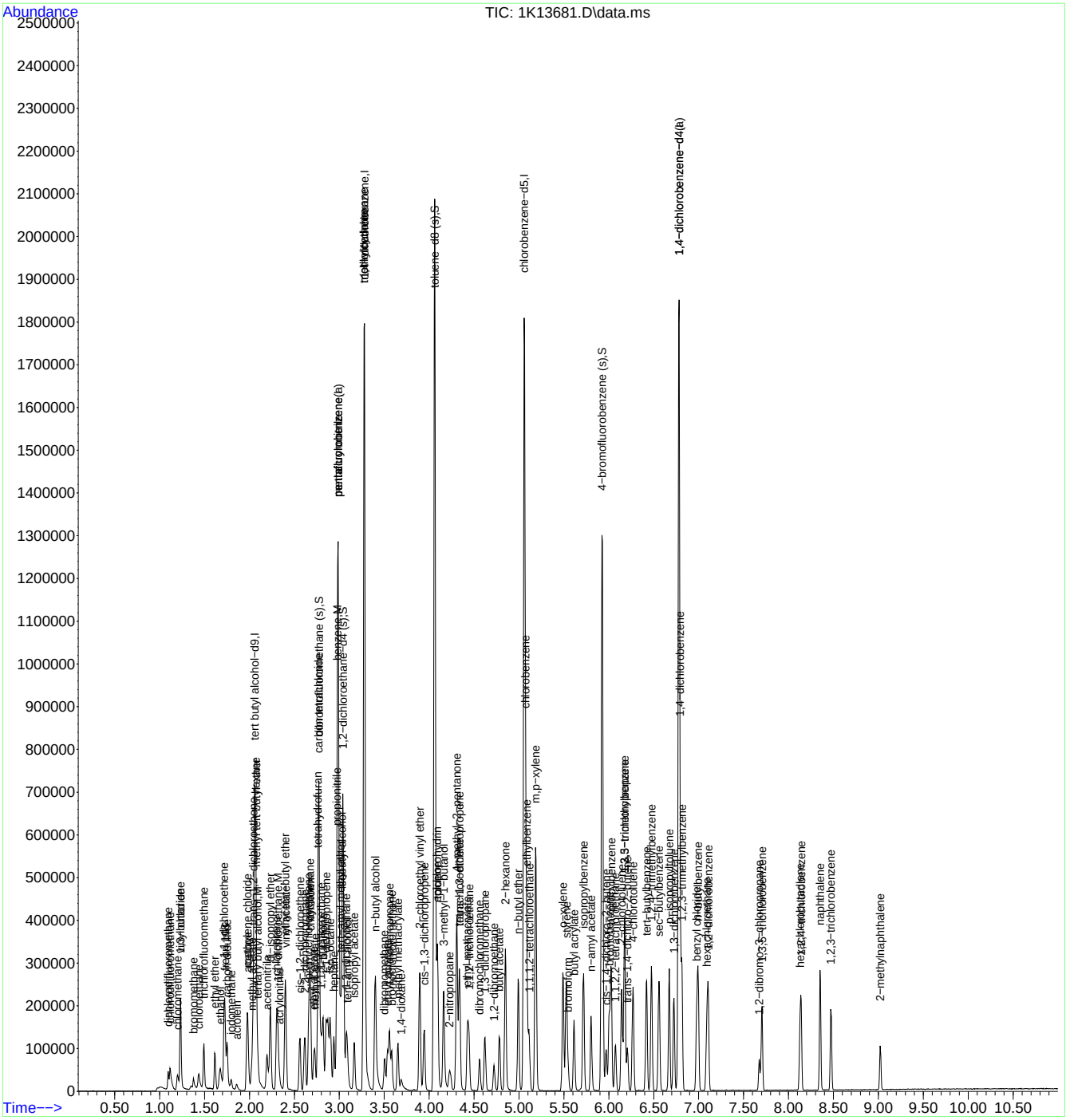
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	103800	8.20	ug/L	98
107) 1,2,4-trimethylbenzene	6.473	105	130119	8.38	ug/L	98
108) sec-butylbenzene	6.557	105	146976	8.28	ug/L	98
109) 1,3-dichlorobenzene	6.725	146	72719	8.09	ug/L	97
110) p-isopropyltoluene	6.672	119	126986	8.52	ug/L	99
111) 1,4-dichlorobenzene	6.793	146	73732	8.06	ug/L	96
112) 1,2-dichlorobenzene	7.108	146	69485	8.14	ug/L	96
113) 1,2,3-trimethylbenzene	6.814	105	132801	8.19	ug/L	100
114) n-butylbenzene	6.992	92	67089	8.40	ug/L	98
115) 1,2-dibromo-3-chloropr...	7.674	157	13933	8.32	ug/L	92
116) 1,3,5-trichlorobenzene	7.705	180	45851	8.12	ug/L	98
117) 1,2,4-trichlorobenzene	8.140	180	40418	7.91	ug/L	96
118) hexachlorobutadiene	8.130	225	14784	8.26	ug/L	94
119) naphthalene	8.350	128	139984	7.91	ug/L	99
120) 1,2,3-trichlorobenzene	8.471	180	38204	8.10	ug/L	97
121) hexachloroethane	7.092	119	17352	8.83	ug/L	95
122) benzyl chloride	6.977	126	19212	8.59	ug/L	98
123) 2-methylnaphthalene	9.021	142	32079	4.61	ug/L	98

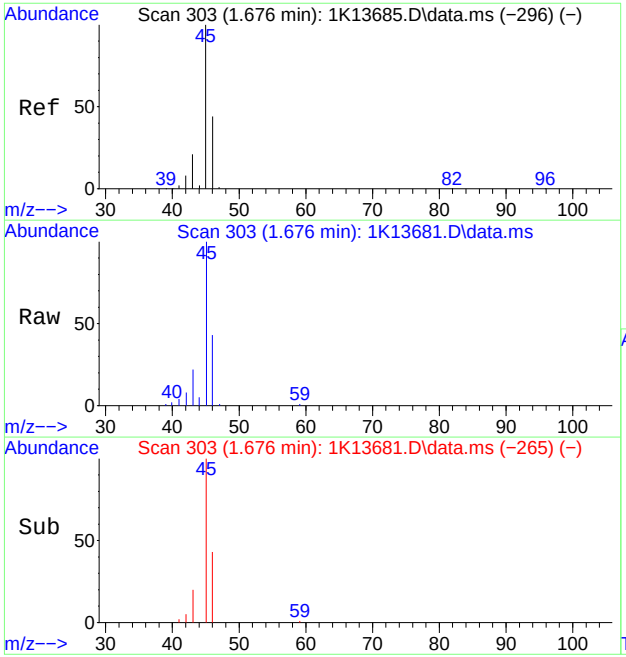
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13681.D
Acq On : 2 Dec 2023 4:27 pm
Operator : PrashanS
Sample : IC376-8
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 04 15:47:50 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

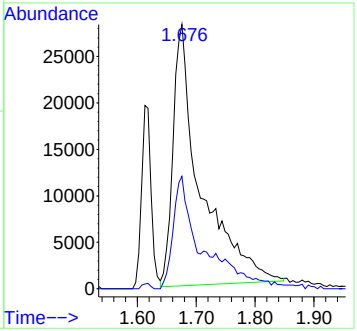


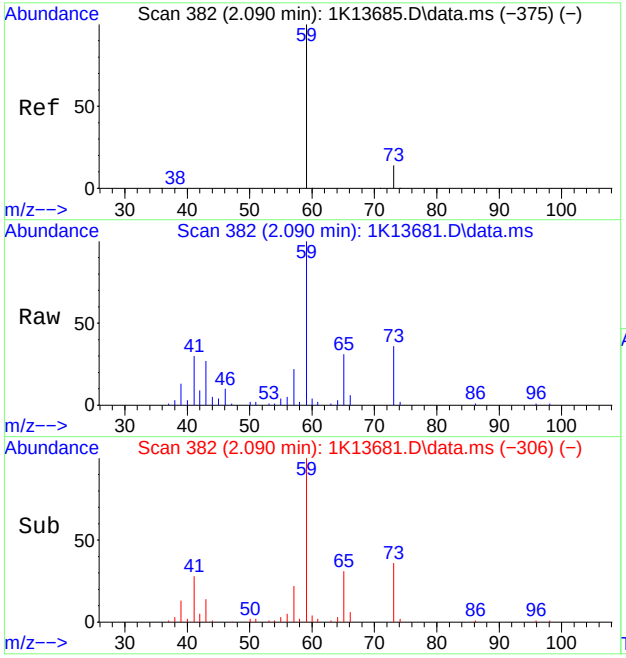


#2
ethanol
Concen: 785.61 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 45 Resp: 92011

Ion	Ratio	Lower	Upper
45	100		
46	43.9	23.9	63.9

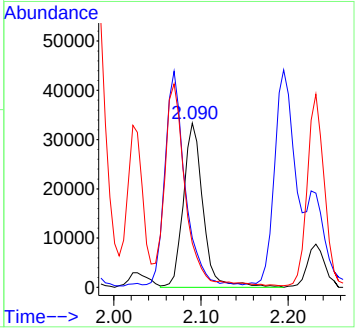


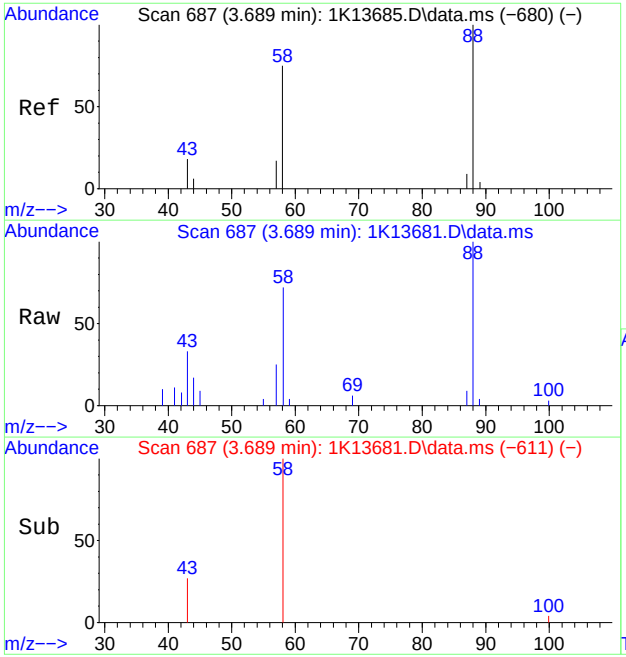


#3
tertiary butyl alcohol
Concen: 40.51 ug/L
RT: 2.090 min Scan# 382
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 59 Resp: 52245

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	25.7	0.0	54.8

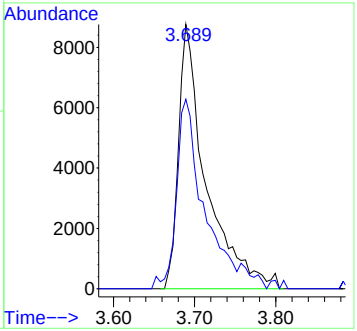


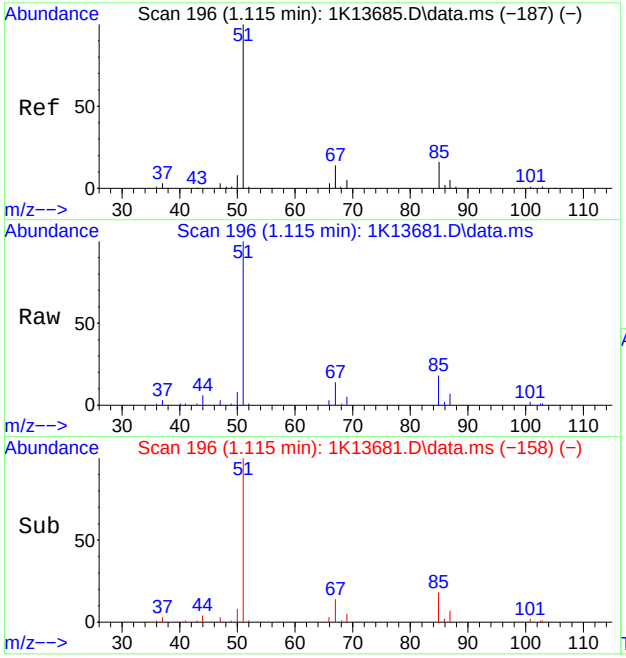


#4
1,4-dioxane
Concen: 207.10 ug/L
RT: 3.689 min Scan# 687
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 88 Resp: 20670

Ion	Ratio	Lower	Upper
88	100		
58	68.9	59.5	99.5

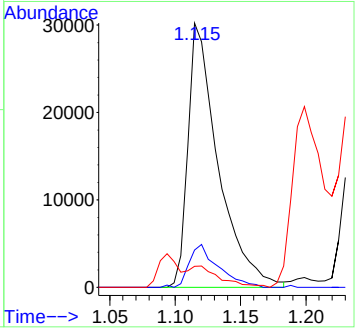


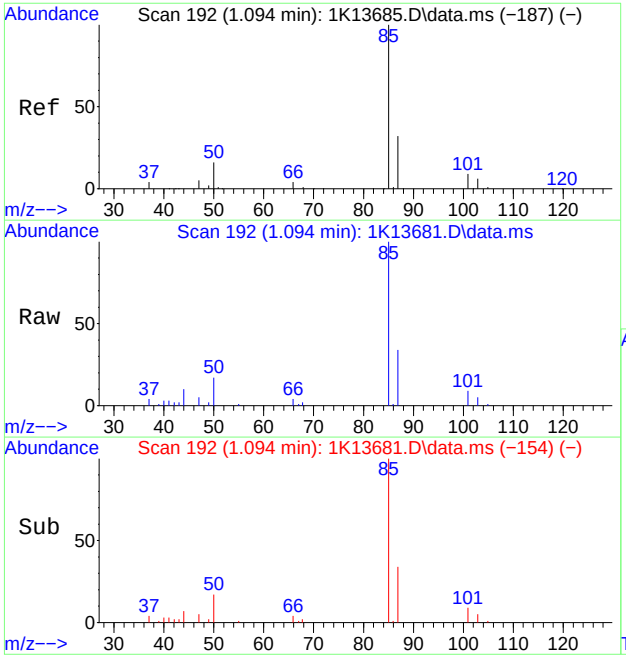


#6
chlorodifluoromethane
Concen: 7.67 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 51 Resp: 48662

Ion	Ratio	Lower	Upper
51	100		
67	14.1	0.0	44.3
50	0.0	0.0	37.7

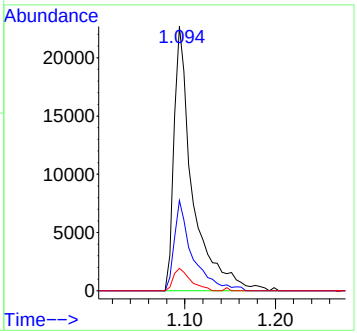


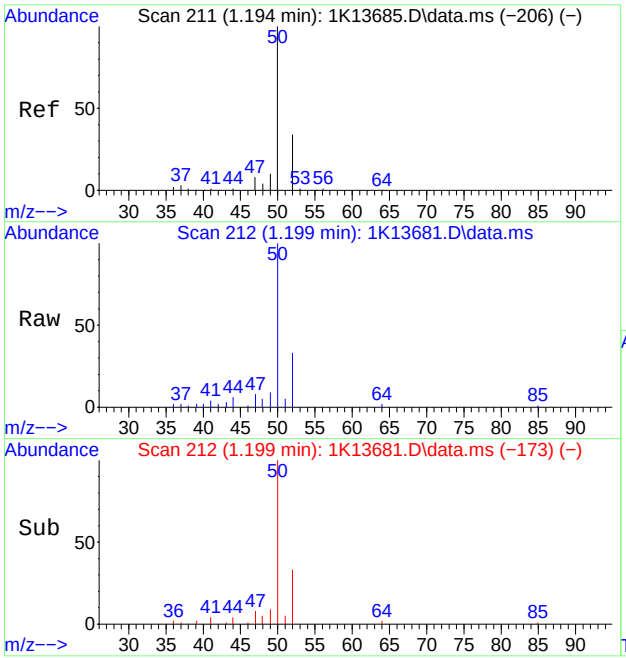


#7
dichlorodifluoromethane
Concen: 8.77 ug/L
RT: 1.094 min Scan# 192
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 85 Resp: 32718

Ion	Ratio	Lower	Upper
85	100		
87	34.2	2.2	62.2
101	8.6	0.0	39.0

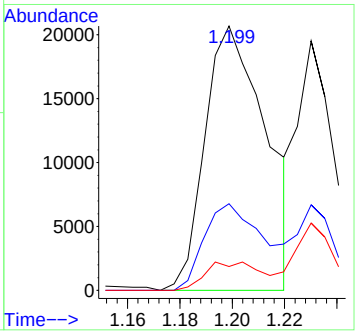


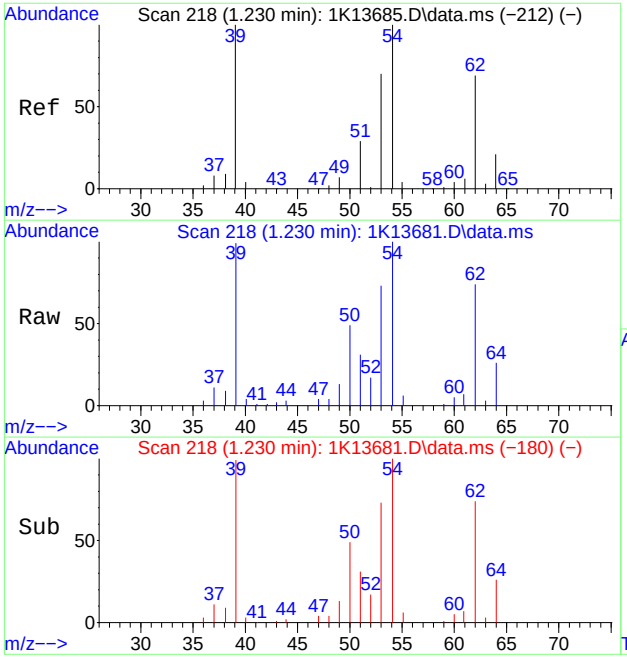


#8
chloromethane
Concen: 7.92 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 50 Resp: 33577

Ion	Ratio	Lower	Upper
50	100		
52	32.8	3.6	63.6
49	9.1	0.0	40.4

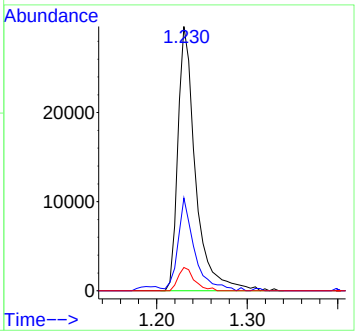


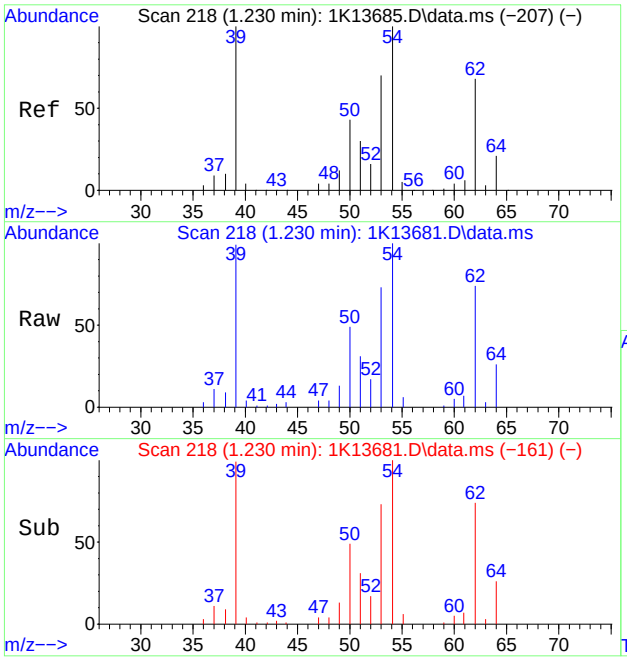


#9
vinyl chloride
Concen: 8.55 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 62 Resp: 40420

Ion	Ratio	Lower	Upper
62	100		
64	35.1	1.3	61.3
61	8.8	0.0	39.1

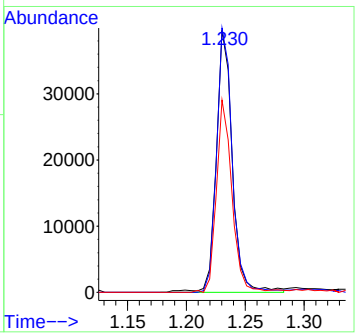


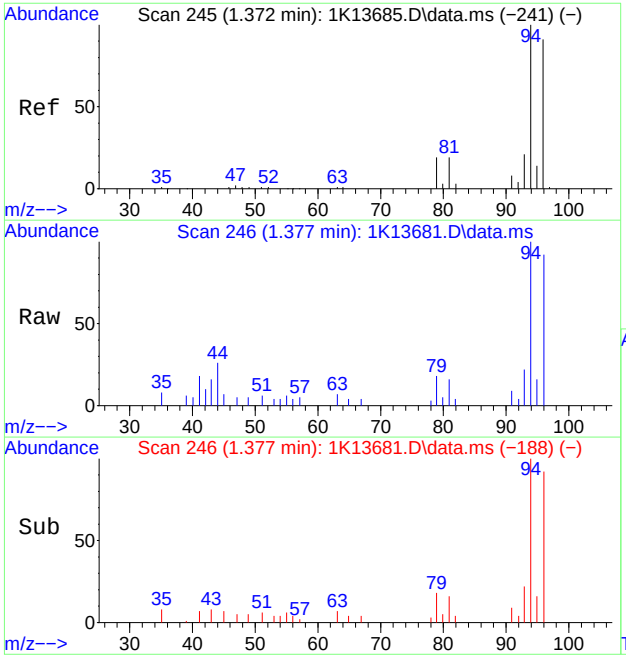


#10
1,3-butadiene
Concen: 7.02 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 39 Resp: 37646

Ion	Ratio	Lower	Upper
39	100		
54	100.9	69.8	129.8
53	73.4	40.1	100.1

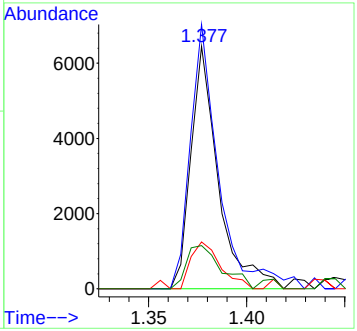


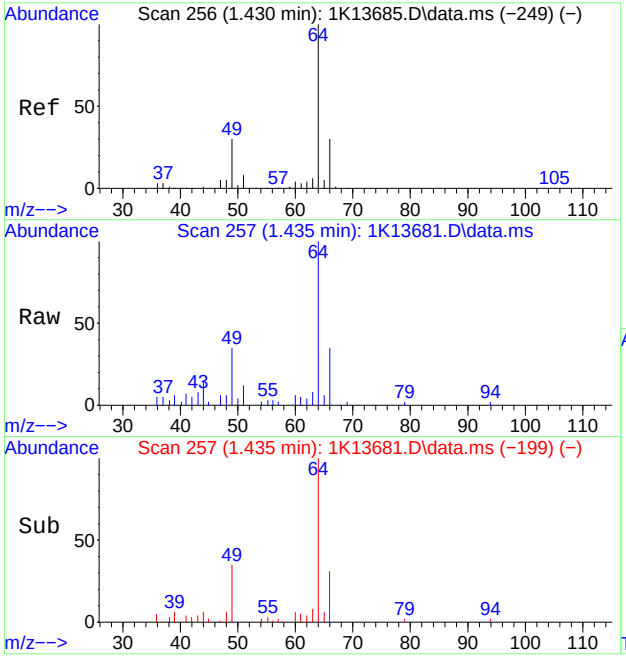


#11
bromomethane
Concen: 7.59 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 96 Resp: 6292

Ion	Ratio	Lower	Upper
96	100		
94	109.1	79.4	139.4
79	19.3	20.3	20.3#
81	17.8	0.9	40.9

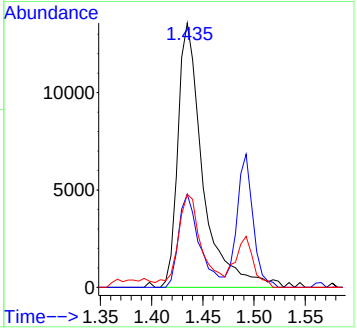


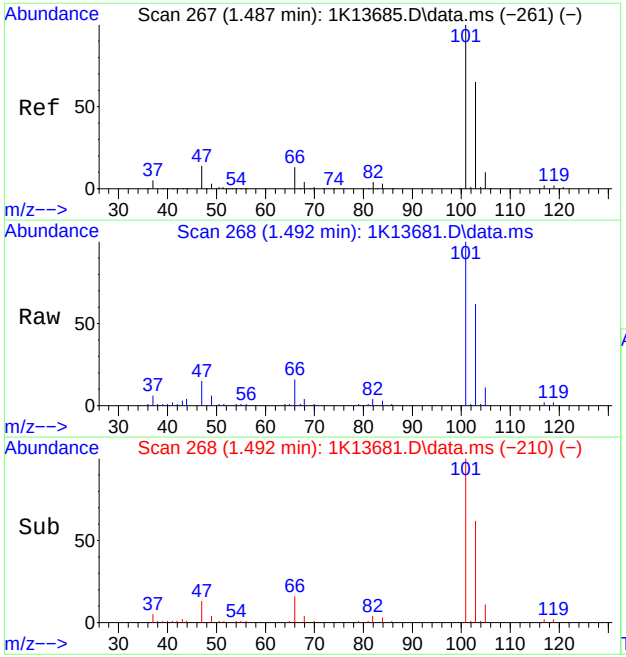


#12
chloroethane
Concen: 7.96 ug/L
RT: 1.435 min Scan# 257
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 64 Resp: 22981

Ion	Ratio	Lower	Upper
64	100		
66	35.2	0.2	60.2
49	35.2	0.3	60.3

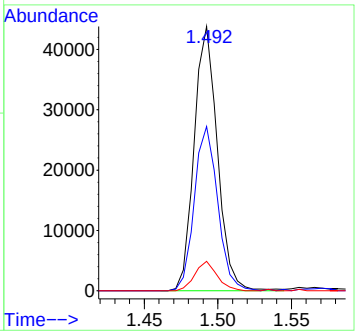


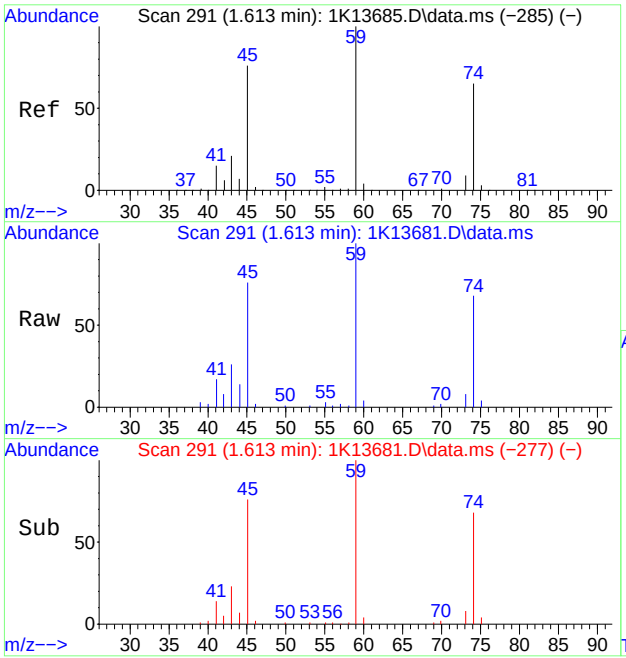


#13
trichlorofluoromethane
Concen: 8.55 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:101 Resp: 48275

Ion	Ratio	Lower	Upper
101	100		
103	62.1	35.0	95.0
105	11.2	0.0	40.5

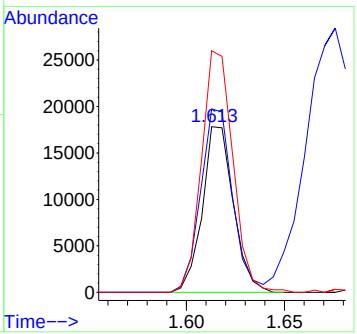


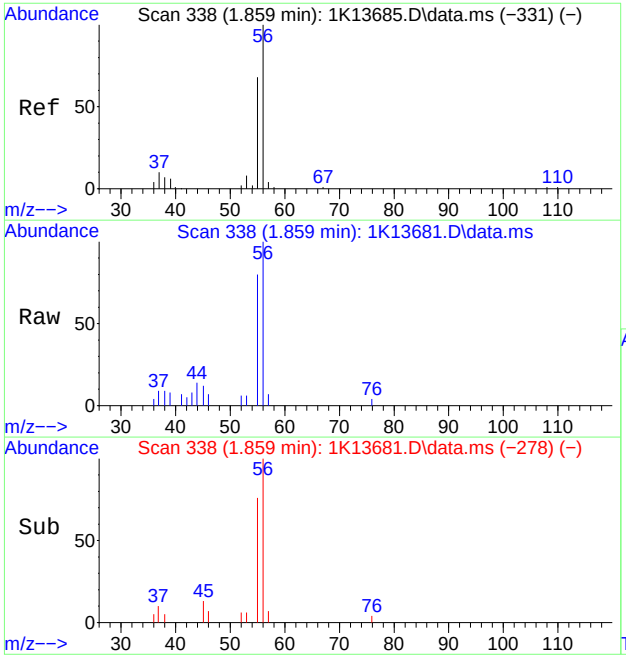


#14
ethyl ether
Concen: 8.23 ug/L
RT: 1.613 min Scan# 291
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 74 Resp: 19673

Ion	Ratio	Lower	Upper
74	100		
45	110.7	87.4	147.4
59	146.0	124.0	184.0

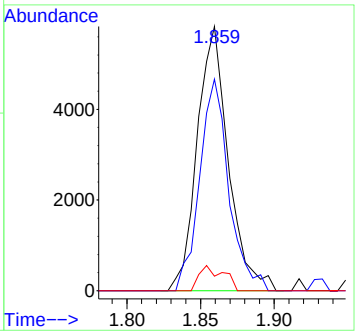


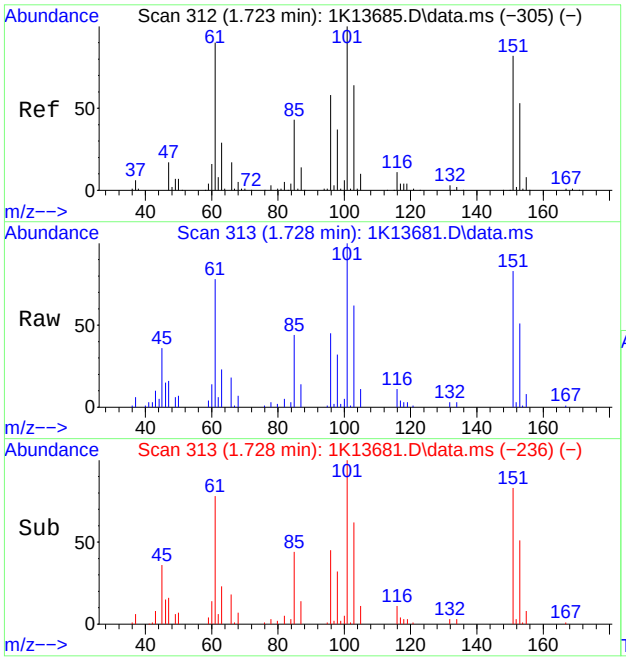


#15
acrolein
Concen: 7.52 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 56 Resp: 8561

Ion	Ratio	Lower	Upper
56	100		
55	80.0	38.3	98.3
53	5.6	0.0	38.3

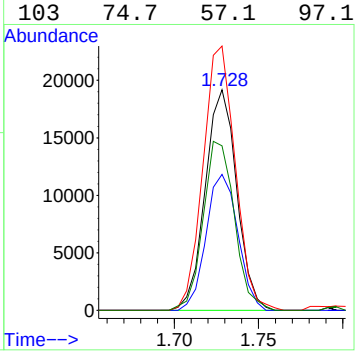


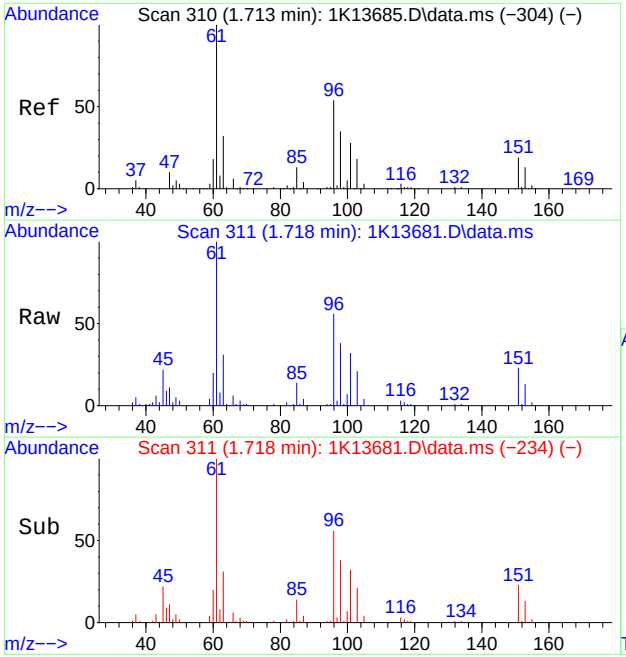


#16
freon 113
Concen: 8.40 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:151 Resp: 25079

Ion	Ratio	Lower	Upper
151	100		
153	61.6	44.1	84.1
101	119.9	101.5	141.5
103	74.7	57.1	97.1

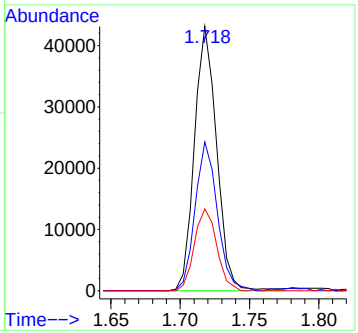


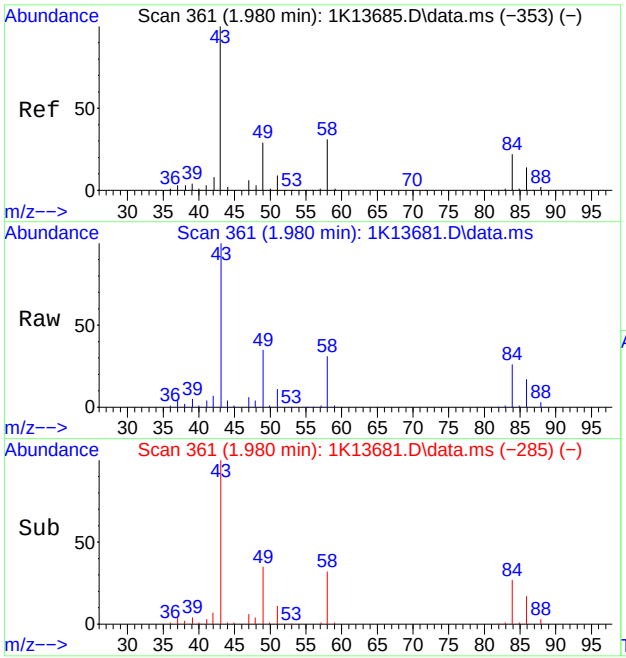


#17
1,1-dichloroethene
Concen: 8.18 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 61 Resp: 48105

Ion	Ratio	Lower	Upper
61	100		
96	56.3	24.4	84.4
63	31.0	2.1	62.1

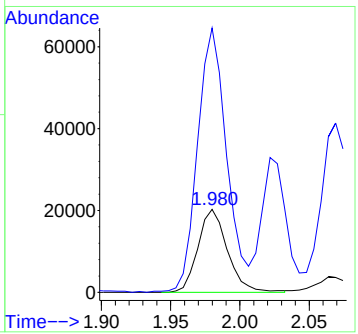


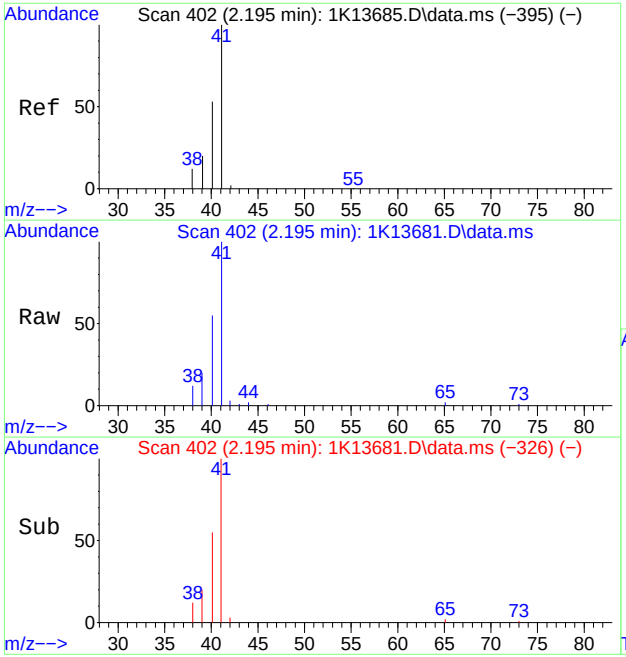


#18
acetone
Concen: 31.31 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 58 Resp: 30010

Ion	Ratio	Lower	Upper
58	100		
43	317.2	295.2	355.2

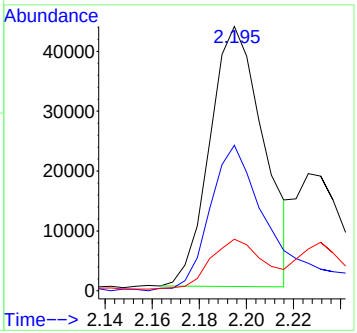


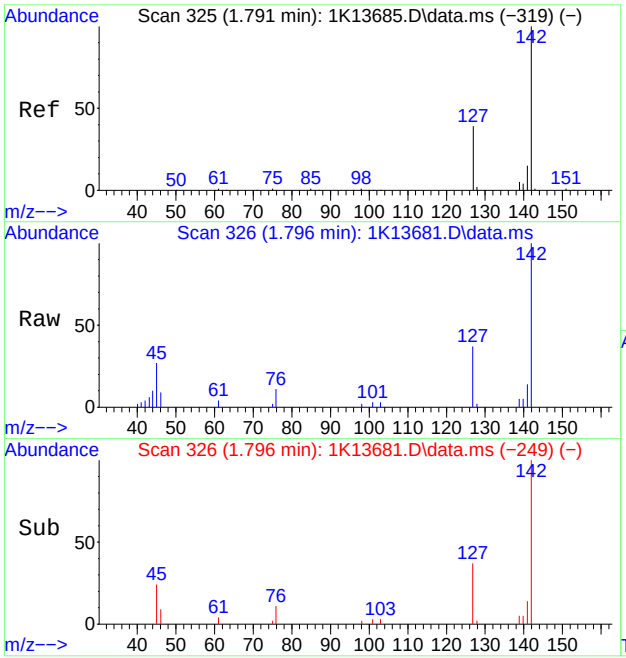


#19
acetonitrile
Concen: 81.56 ug/L
RT: 2.195 min Scan# 402
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 41 Resp: 69194

Ion	Ratio	Lower	Upper
41	100		
40	55.0	23.4	83.4
39	19.0	0.0	50.4

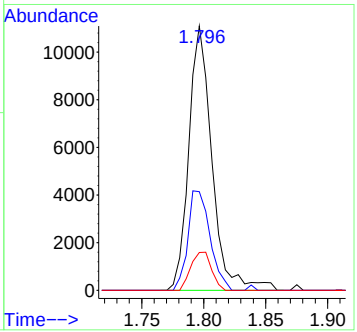


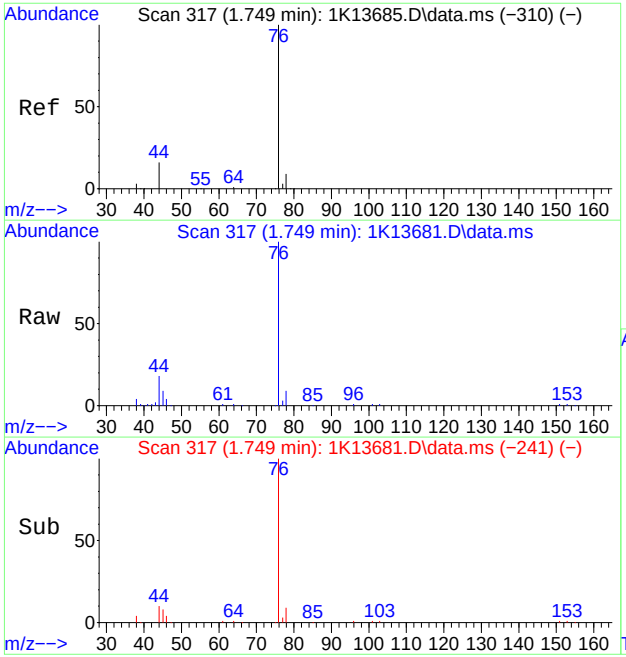


#20
iodomethane
Concen: 7.81 ug/L
RT: 1.796 min Scan# 326
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:142 Resp: 14479

Ion	Ratio	Lower	Upper
142	100		
127	37.3	8.7	68.7
141	14.3	0.0	44.9

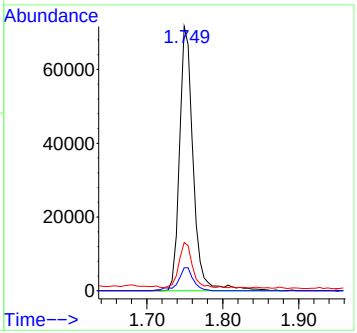


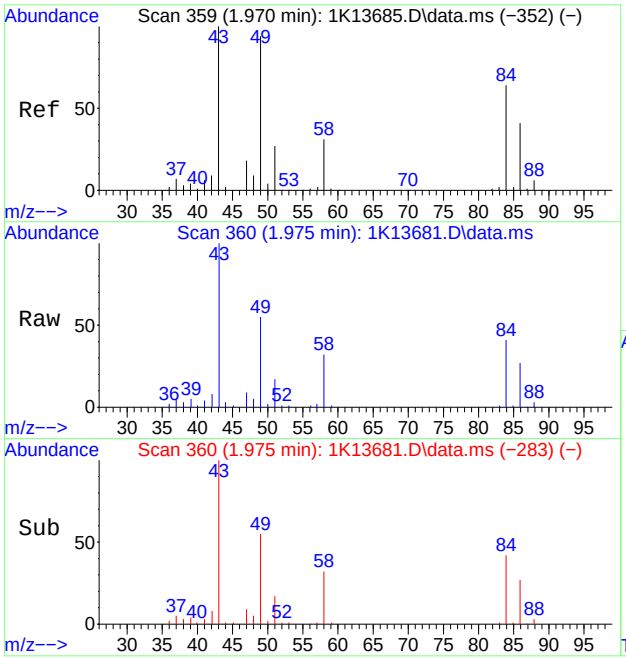


#21
carbon disulfide
Concen: 7.95 ug/L
RT: 1.749 min Scan# 317
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 76 Resp: 90097

Ion	Ratio	Lower	Upper
76	100		
78	8.7	0.0	39.2
44	17.2	0.0	46.4

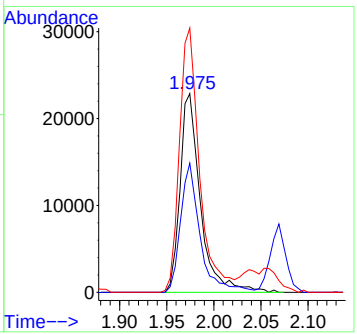


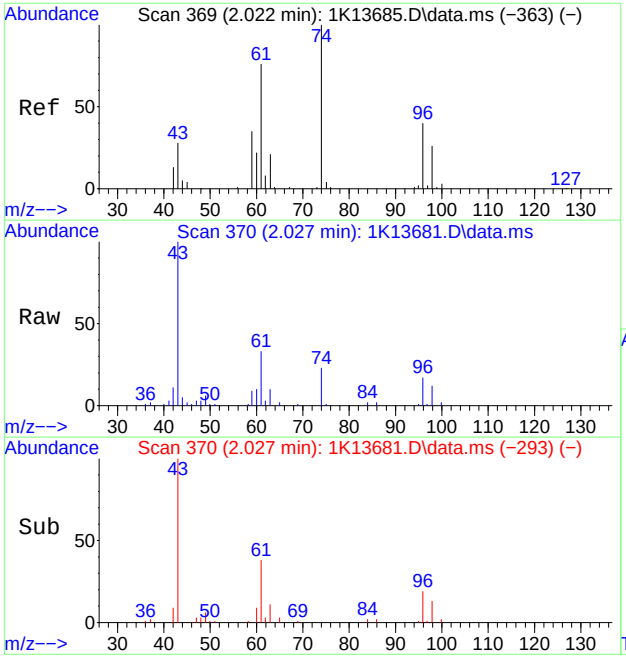


#22
methylene chloride
Concen: 8.05 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 84 Resp: 34561

Ion	Ratio	Lower	Upper
84	100		
86	65.0	33.4	93.4
49	133.0	117.1	177.1

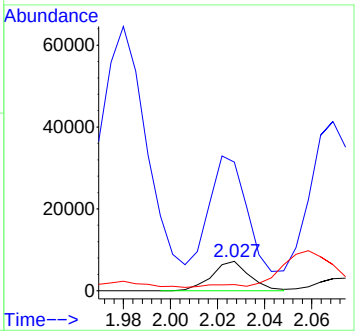


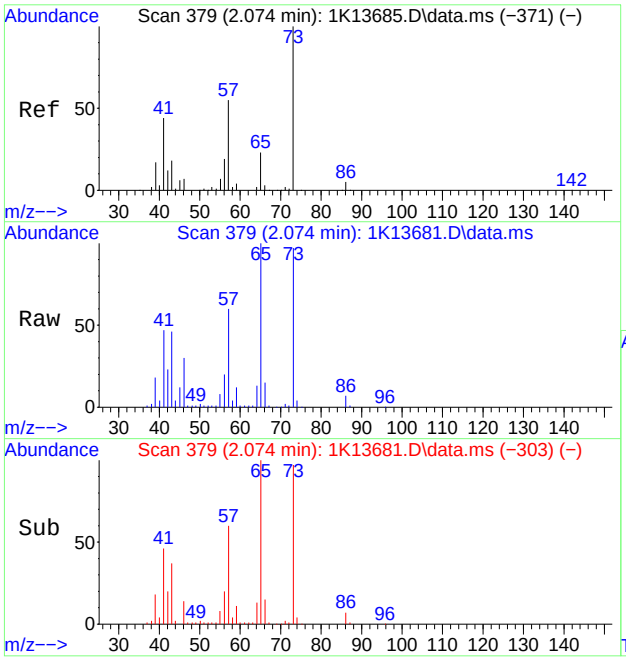


#23
methyl acetate
Concen: 7.64 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 74 Resp: 8038

Ion	Ratio	Lower	Upper
74	100		
43	370.4	397.4	457.4#
44	6.9	0.0	35.1

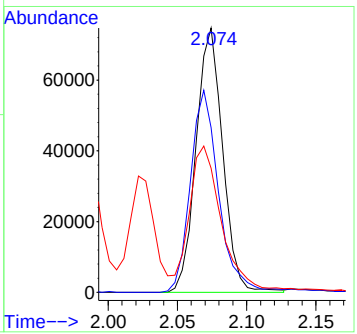


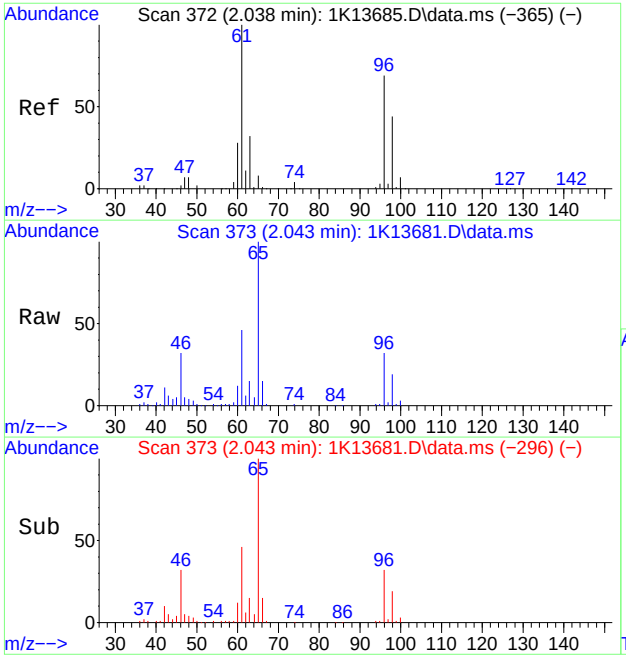


#24
methyl tert butyl ether
Concen: 8.13 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 73 Resp: 99937

Ion	Ratio	Lower	Upper
73	100		
57	62.3	25.1	85.1
43	45.6	12.1	72.1

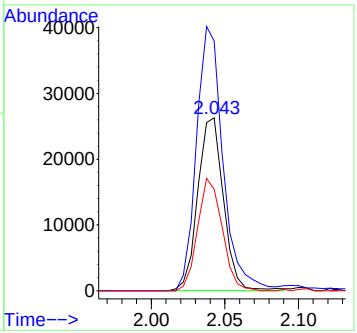


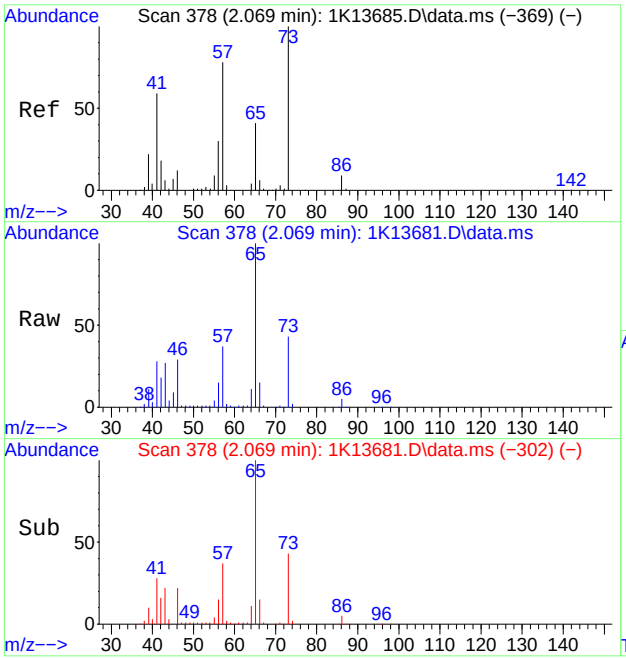


#25
trans-1,2-dichloroethene
Concen: 8.02 ug/L
RT: 2.043 min Scan# 373
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 96 Resp: 31957

Ion	Ratio	Lower	Upper
96	100		
61	144.5	115.9	175.9
98	58.8	34.7	94.7

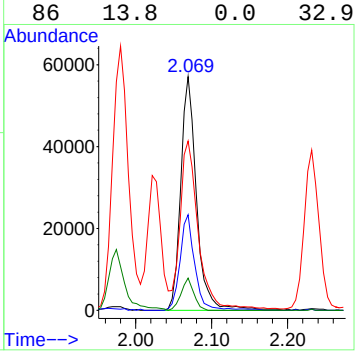


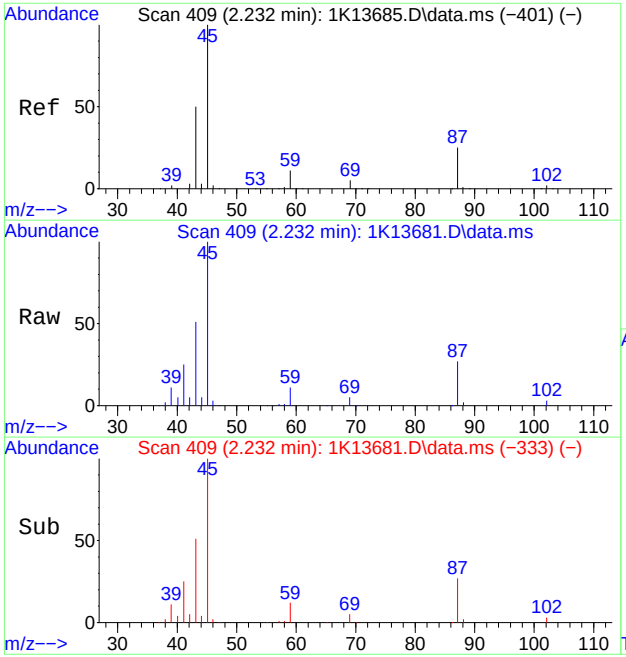


#26
hexane
Concen: 7.88 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 57 Resp: 82817

Ion	Ratio	Lower	Upper
57	100		
56	40.9	18.5	58.5
43	71.8	50.7	90.7
86	13.8	0.0	32.9

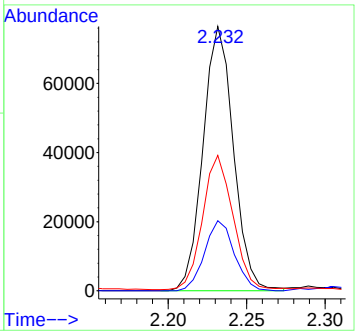


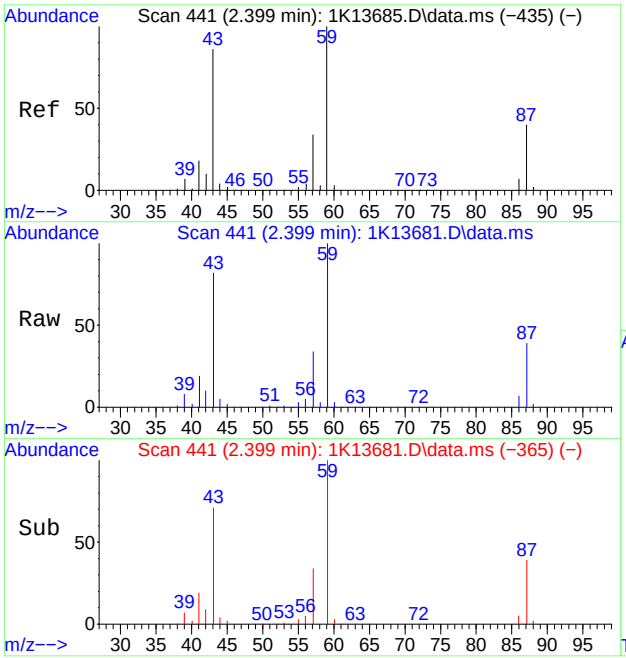


#27
di-isopropyl ether
Concen: 7.90 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 45 Resp: 103576

Ion	Ratio	Lower	Upper
45	100		
87	26.5	0.0	55.4
43	50.7	19.8	79.8

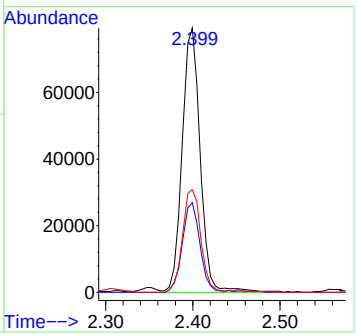


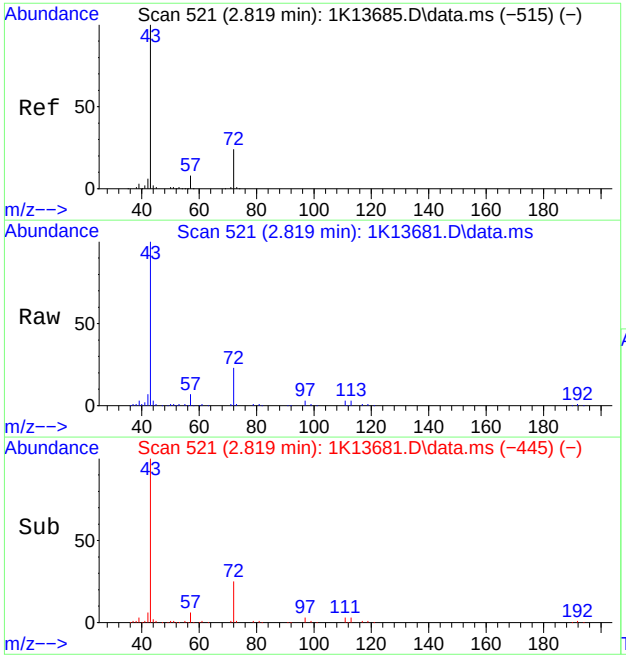


#28
ethyl tert-butyl ether
Concen: 8.44 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 59 Resp: 114386

Ion	Ratio	Lower	Upper
59	100		
57	33.9	3.4	63.4
87	38.8	9.9	69.9

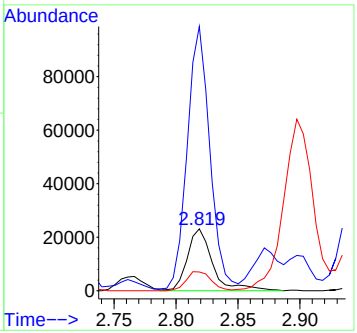


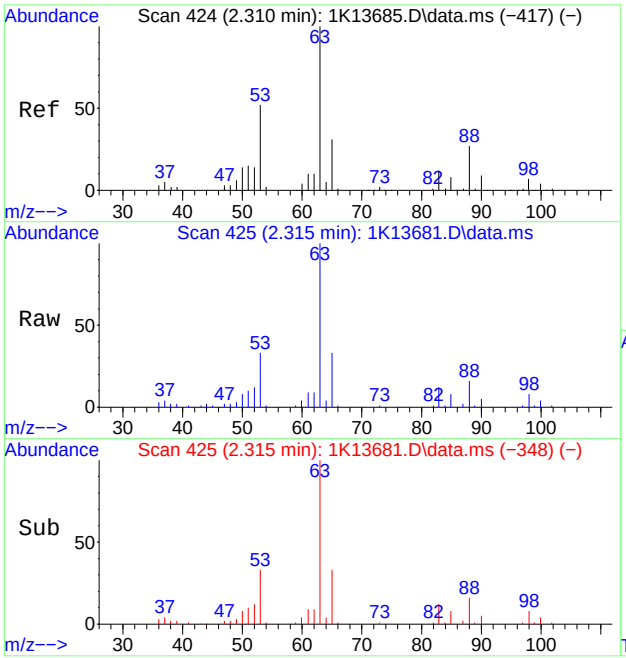


#29
2-butanone
Concen: 33.42 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 72 Resp: 33147

Ion	Ratio	Lower	Upper
72	100		
43	422.8	384.5	444.5
57	30.5	2.9	62.9

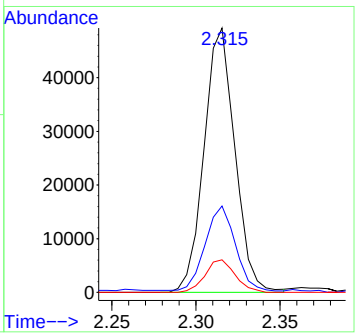


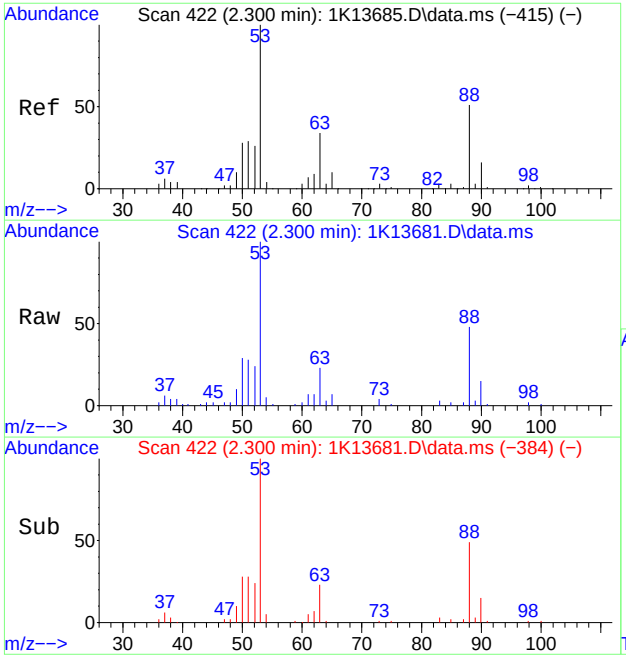


#30
1,1-dichloroethane
Concen: 8.18 ug/L
RT: 2.315 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 63 Resp: 62979

Ion	Ratio	Lower	Upper
63	100		
65	32.1	0.6	60.6
83	12.3	0.0	41.8

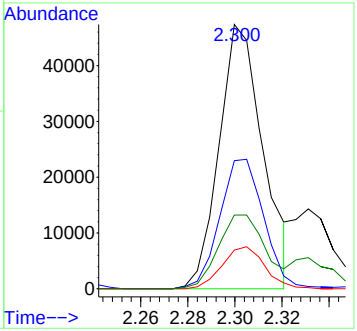


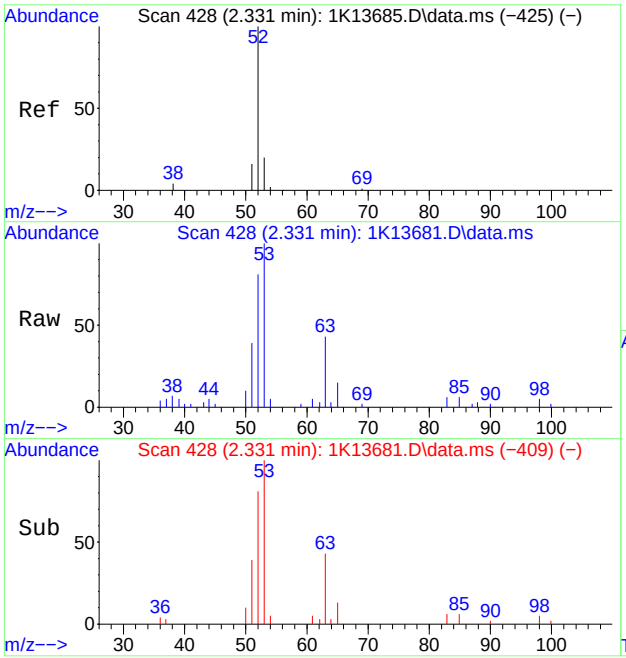


#31
chloroprene
Concen: 8.57 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 53 Resp: 61501

Ion	Ratio	Lower	Upper
53	100		
88	48.4	21.4	81.4
90	14.7	0.0	46.1
51	27.9	0.0	59.4

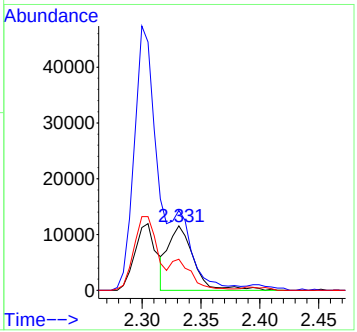


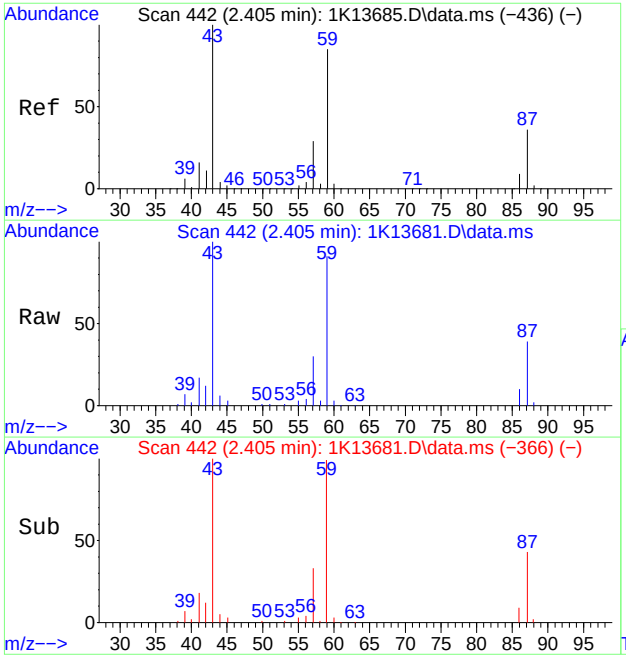


#32
acrylonitrile
Concen: 8.44 ug/L
RT: 2.331 min Scan# 428
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 52 Resp: 17457

Ion	Ratio	Lower	Upper
52	100		
53	120.4	92.8	152.8
51	48.1	13.6	73.6

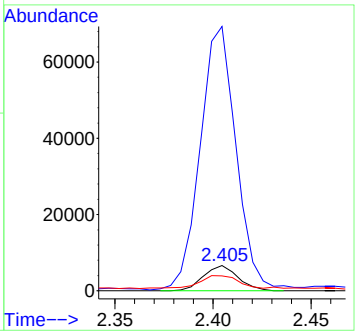


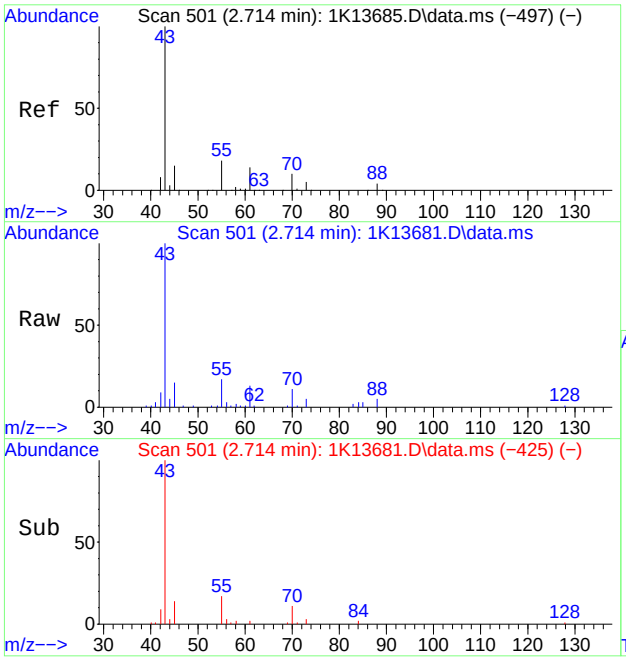


#33
vinyl acetate
Concen: 8.71 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 86 Resp: 8073

Ion	Ratio	Lower	Upper
86	100		
43	1040.1	1068.8	1128.8#
44	49.1	18.0	78.0

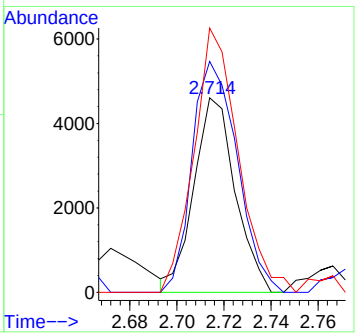


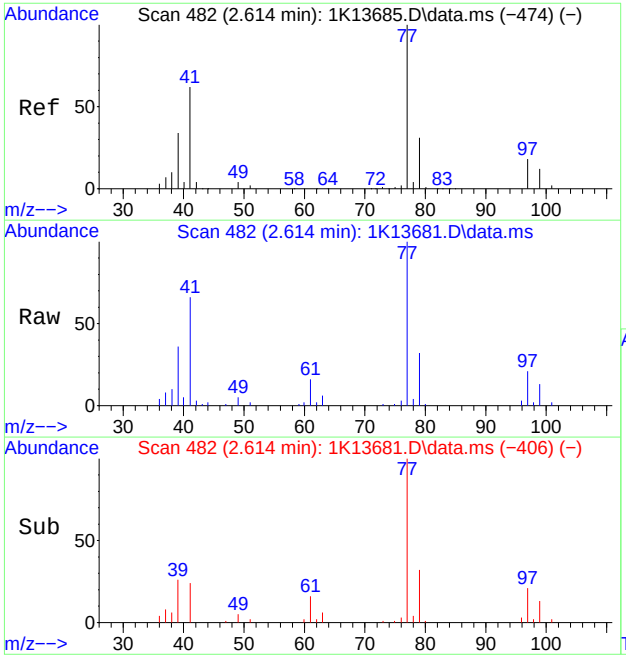


#34
ethyl acetate
Concen: 8.98 ug/L
RT: 2.714 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 70 Resp: 5642

Ion	Ratio	Lower	Upper
70	100		
61	118.7	104.9	164.9
45	135.9	117.8	177.8

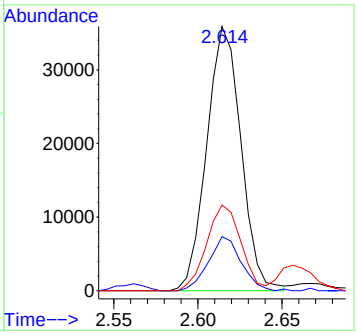


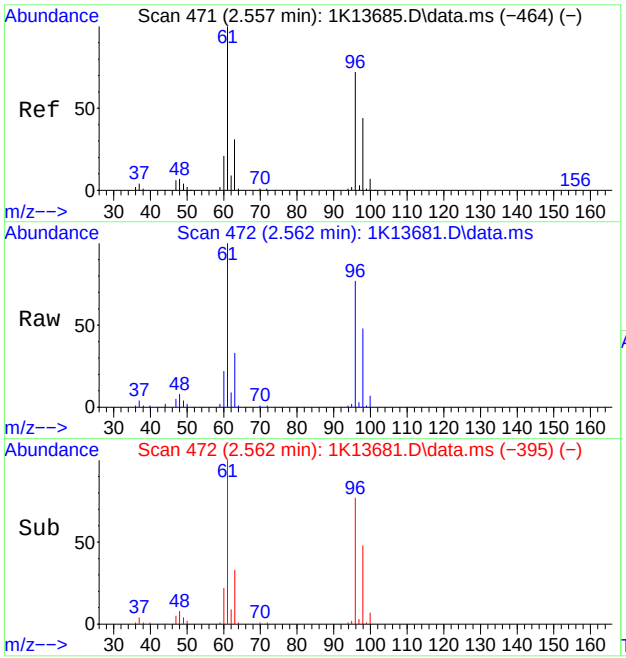


#35
2,2-dichloropropane
Concen: 8.06 ug/L
RT: 2.614 min Scan# 482
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 77 Resp: 50951

Ion	Ratio	Lower	Upper
77	100		
97	20.5	0.0	48.7
79	32.5	0.9	60.9

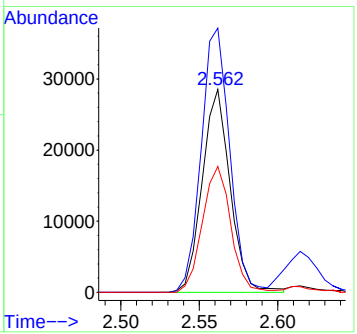


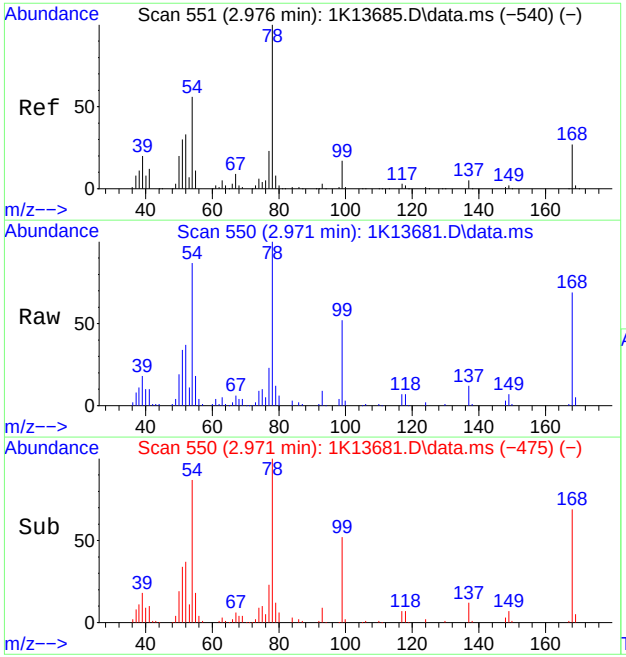


#36
cis-1,2-dichloroethene
Concen: 7.89 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 96 Resp: 35460

Ion	Ratio	Lower	Upper
96	100		
61	130.2	108.4	168.4
98	62.0	31.4	91.4

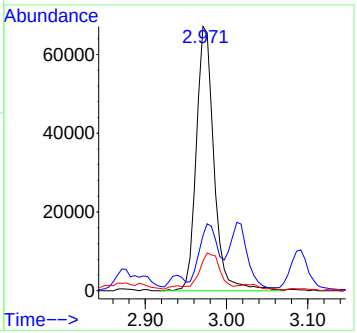


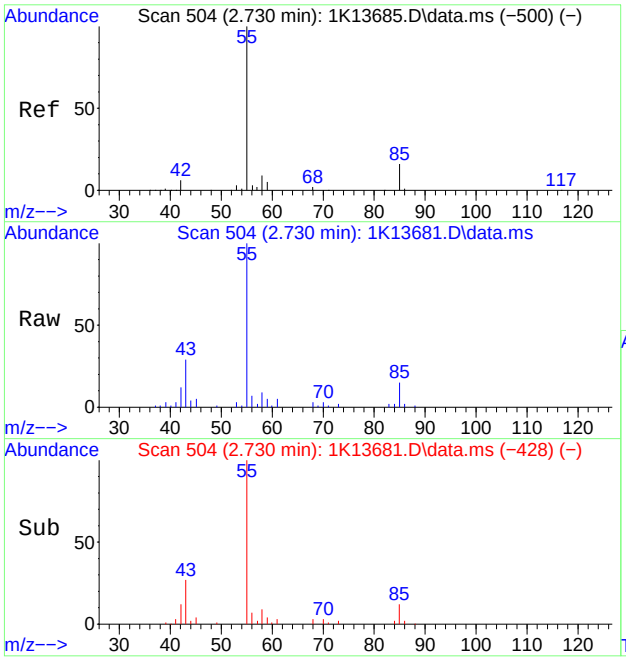


#37
propionitrile
Concen: 79.22 ug/L
RT: 2.971 min Scan# 550
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 54 Resp: 101584

Ion	Ratio	Lower	Upper
54	100		
55	19.3	0.0	48.9
40	11.2	0.0	45.0

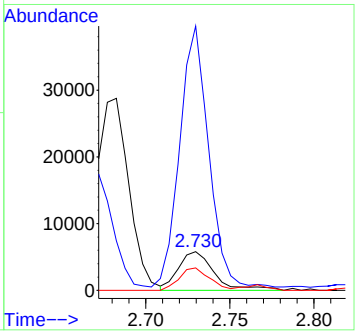


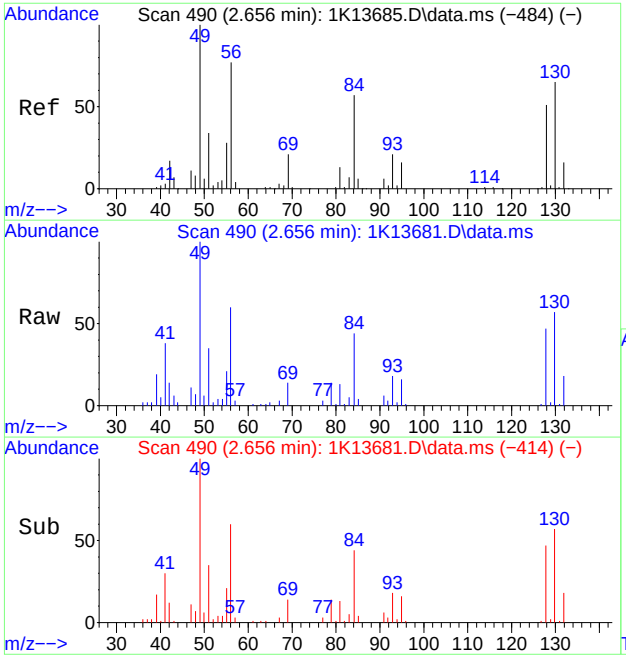


#38
methyl acrylate
Concen: 7.85 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 85 Resp: 8619

Ion	Ratio	Lower	Upper
85	100		
55	676.3	566.6	606.6#
58	58.3	30.2	70.2

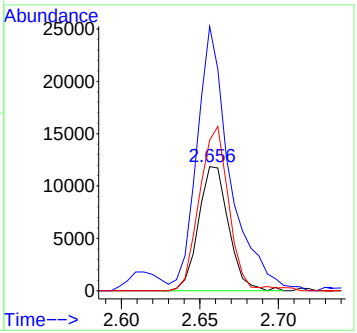


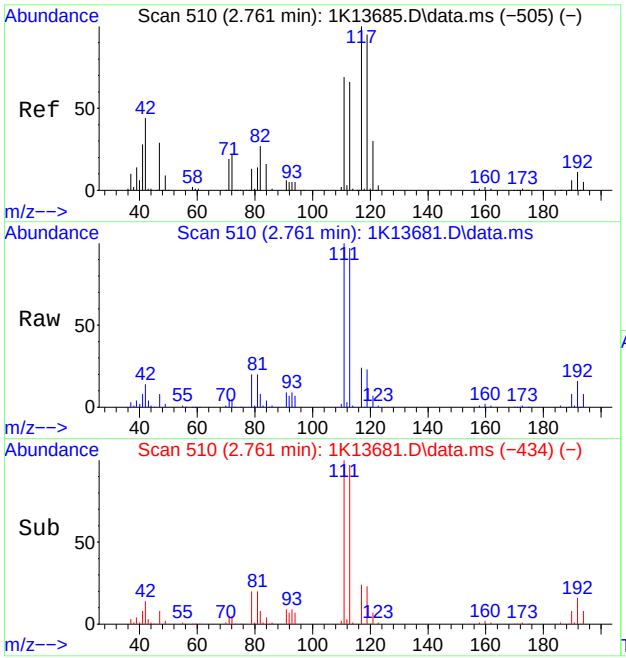


#39
bromochloromethane
Concen: 8.06 ug/L
RT: 2.656 min Scan# 490
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:128 Resp: 15845

Ion	Ratio	Lower	Upper
128	100		
49	208.7	166.7	226.7
130	121.5	97.3	157.3

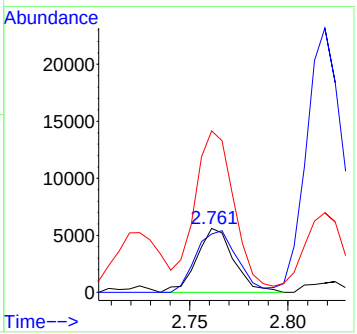


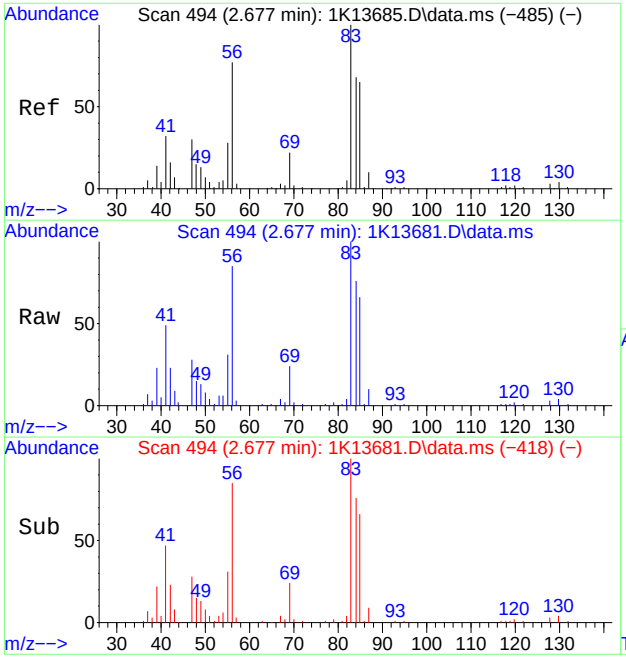


#40
tetrahydrofuran
Concen: 7.80 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 71 Resp: 7405

Ion	Ratio	Lower	Upper
71	100		
72	86.9	87.2	147.2#
42	238.1	242.1	302.1#

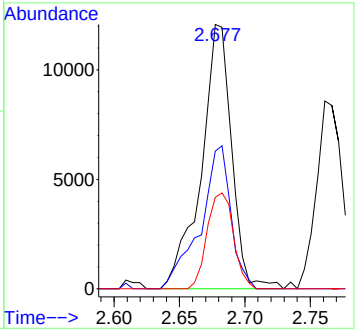


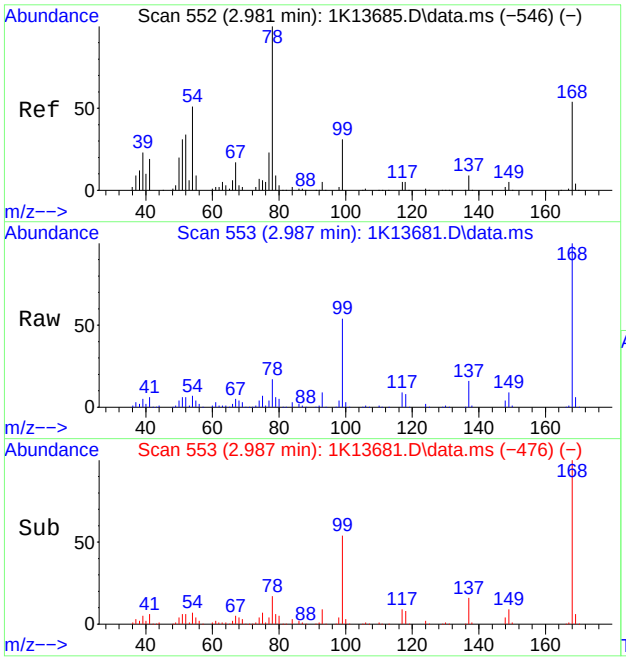


#41
chloroform
Concen: 7.58 ug/L
RT: 2.677 min Scan# 494
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 47 Resp: 19675

Ion	Ratio	Lower	Upper
47	100		
48	52.1	19.0	79.0
87	34.6	3.4	63.4

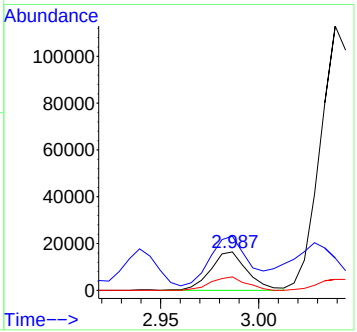


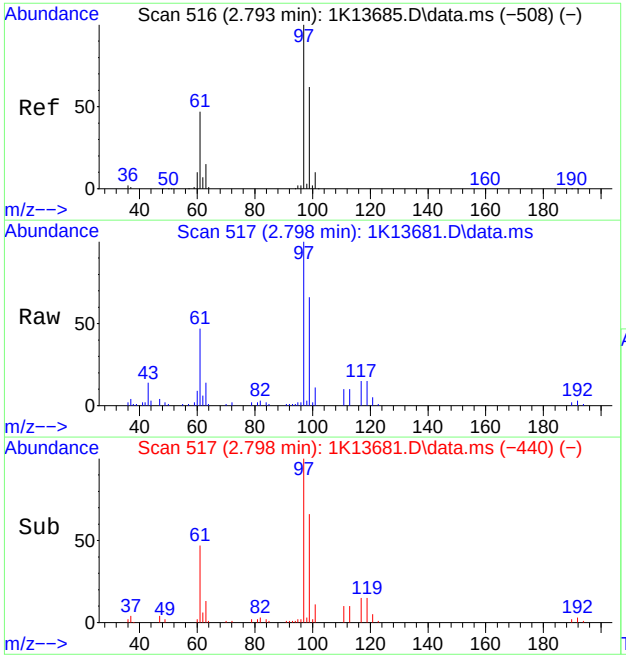


#43
methacrylonitrile
Concen: 7.77 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 67 Resp: 21652

Ion	Ratio	Lower	Upper
67	100		
41	89.0	85.4	145.4
66	34.8	4.8	64.8

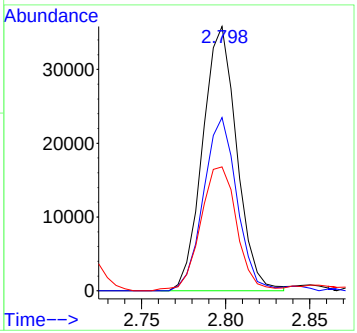


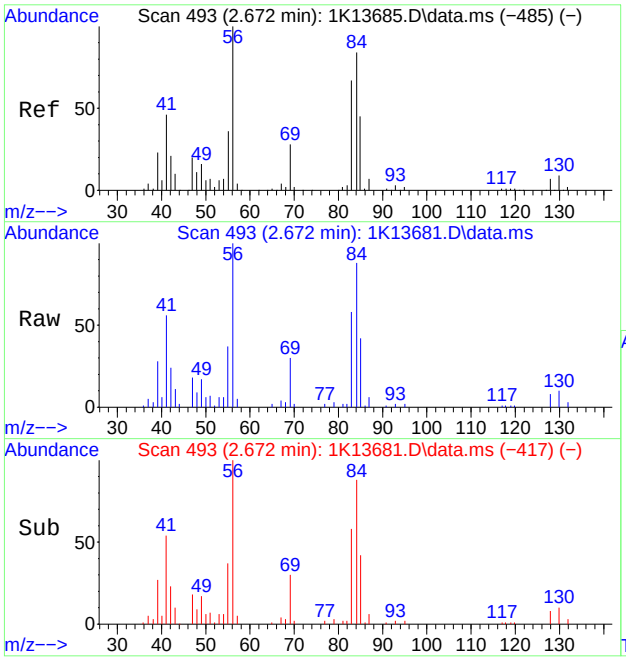


#44
1,1,1-trichloroethane
Concen: 7.93 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 97 Resp: 50570

Ion	Ratio	Lower	Upper
97	100		
99	65.5	32.2	92.2
61	46.0	17.7	77.7

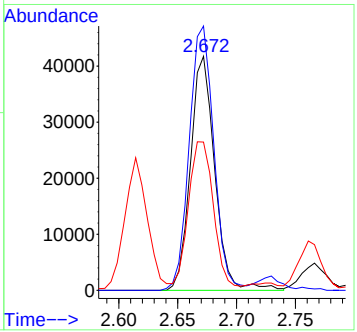


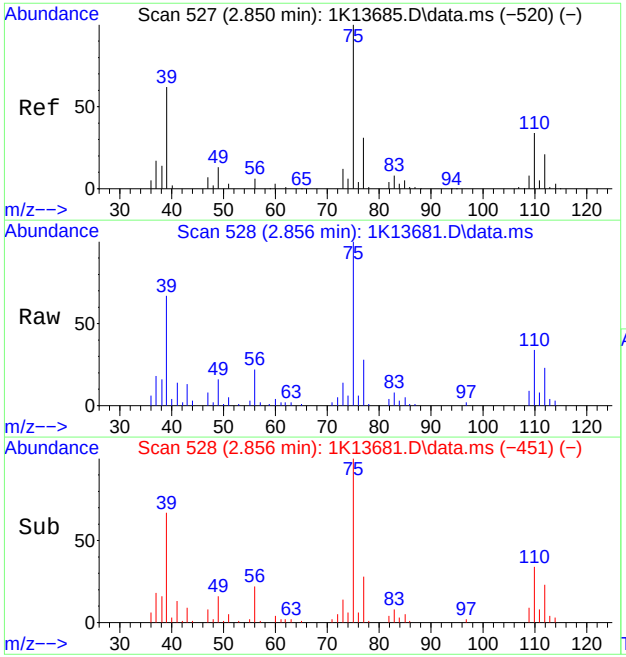


#45
cyclohexane
Concen: 8.64 ug/L
RT: 2.672 min Scan# 493
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 84 Resp: 60098

Ion	Ratio	Lower	Upper
84	100		
56	113.0	98.6	138.6
41	61.5	43.8	83.8

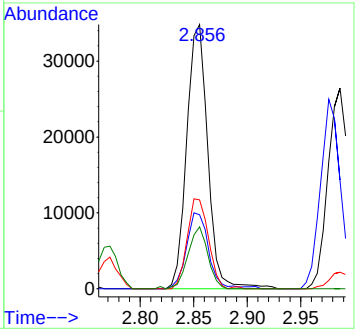


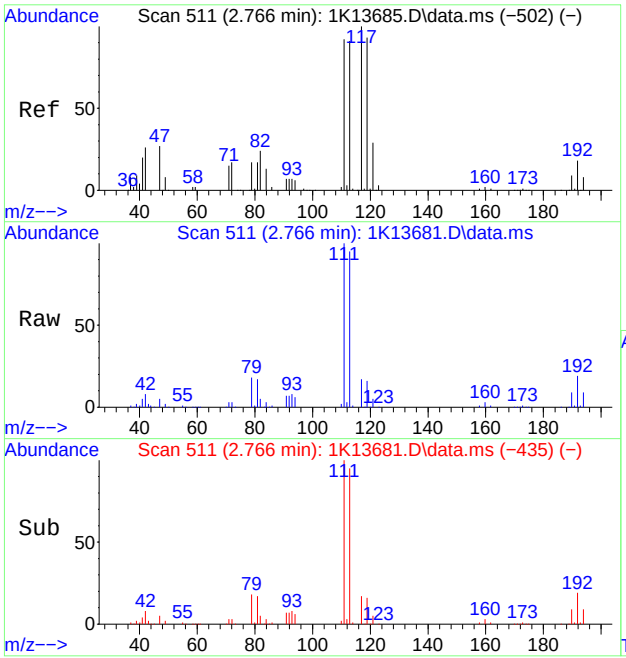


#46
1,1-dichloropropene
Concen: 8.48 ug/L
RT: 2.856 min Scan# 528
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 75 Resp: 47855

Ion	Ratio	Lower	Upper
75	100		
77	28.0	11.3	51.3
110	33.6	14.2	54.2
112	23.4	1.3	41.3

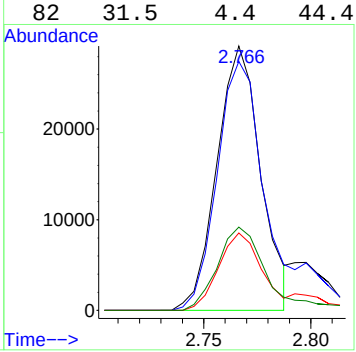


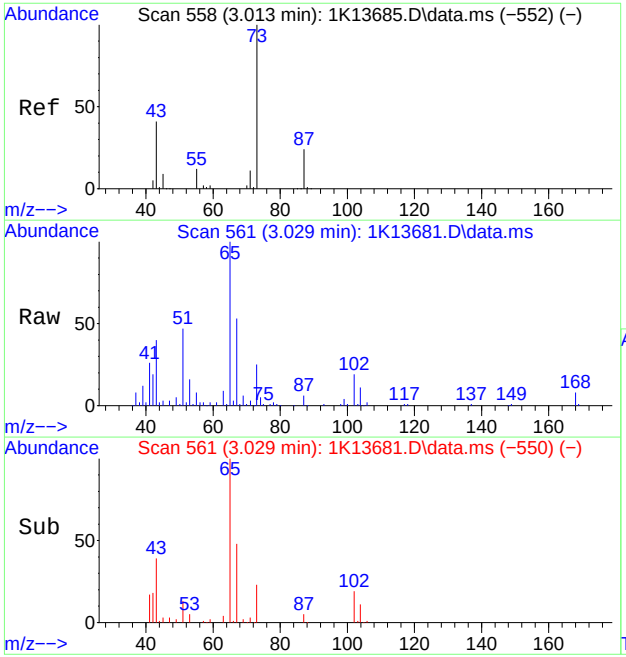


#47
carbon tetrachloride
Concen: 7.19 ug/L
RT: 2.766 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:117 Resp: 41507

Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.1	113.1
121	29.3	9.4	49.4
82	31.5	4.4	44.4

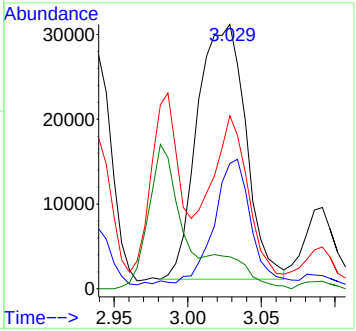


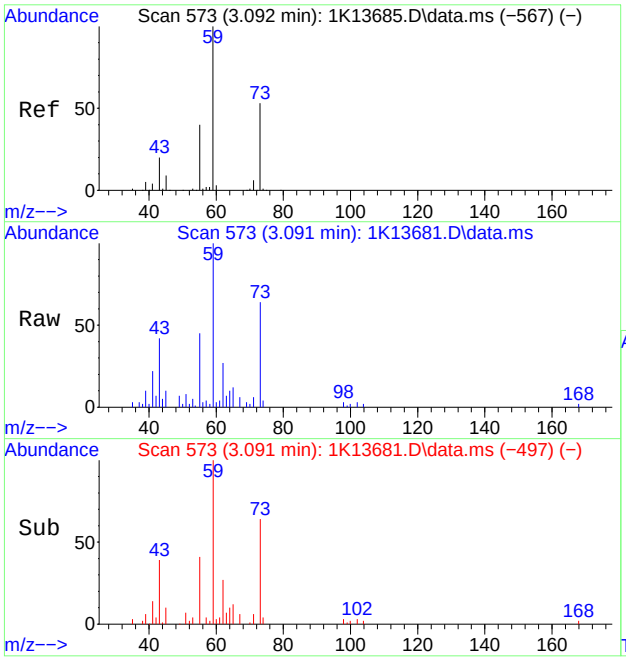


#48
isobutyl alcohol
Concen: 77.06 ug/L
RT: 3.029 min Scan# 561
Delta R.T. 0.016 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 43 Resp: 68716

Ion	Ratio	Lower	Upper
43	100		
42	46.0	0.0	32.6#
41	62.1	9.1	49.1#
74	11.4	0.0	31.0

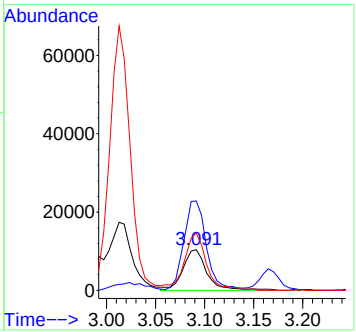


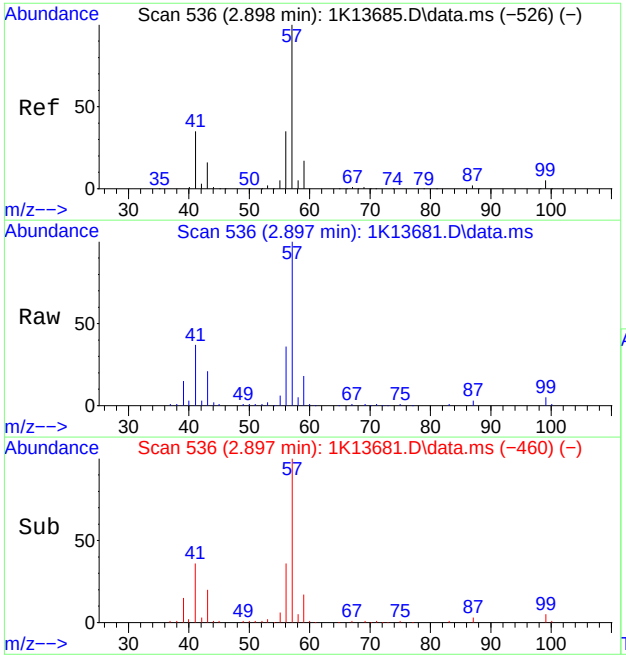


#49
tert-amyl alcohol
Concen: 42.05 ug/L
RT: 3.091 min Scan# 573
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 55 Resp: 17804

Ion	Ratio	Lower	Upper
55	100		
59	216.8	218.8	258.8#
73	140.6	115.9	155.9

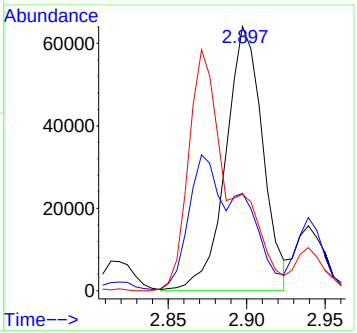


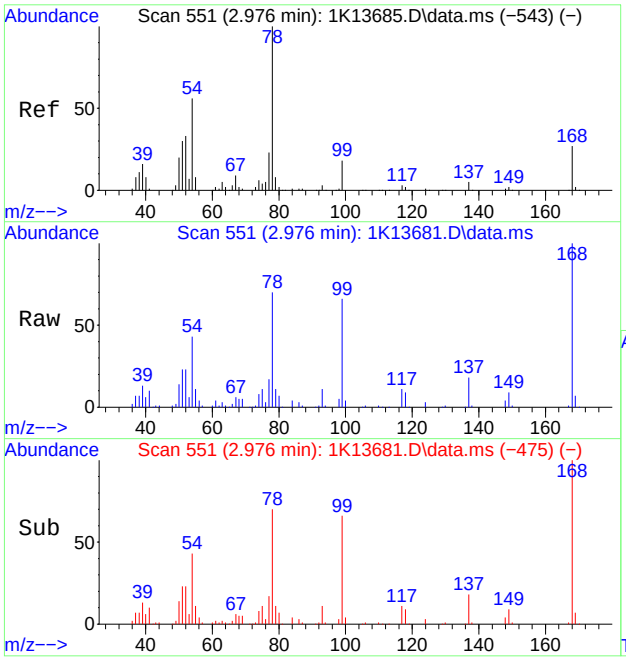


#52
iso-octane
Concen: 7.74 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 57 Resp: 104744

Ion	Ratio	Lower	Upper
57	100		
41	36.4	14.8	54.8
56	35.8	15.3	55.3

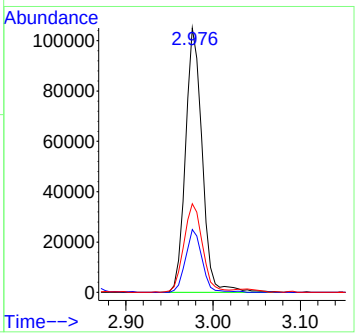


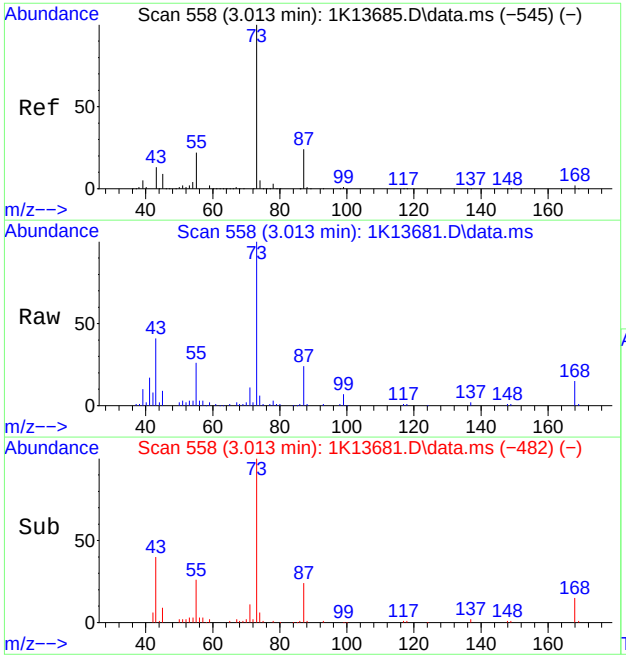


#53
benzene
Concen: 7.95 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 78 Resp: 139793

Ion	Ratio	Lower	Upper
78	100		
77	23.8	0.0	53.3
52	33.6	3.5	63.5

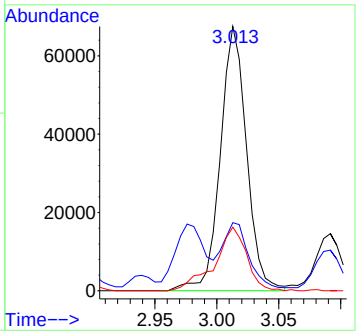


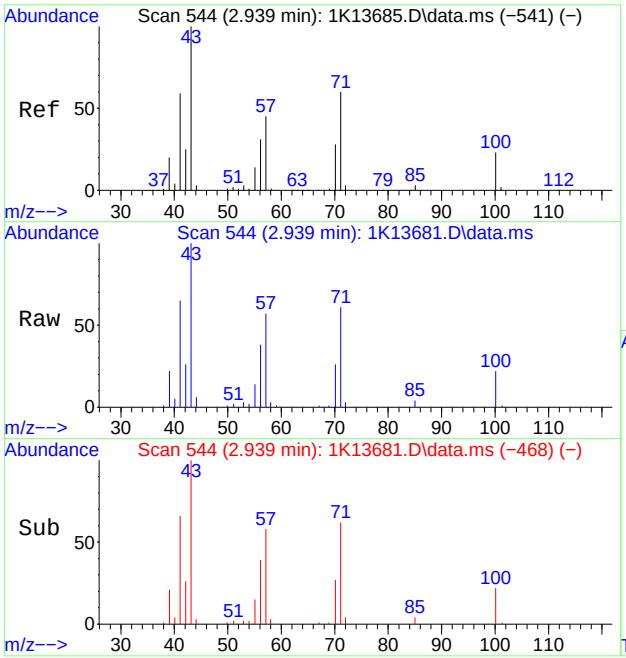


#54
tert-amyl methyl ether
Concen: 7.43 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 73 Resp: 99922

Ion	Ratio	Lower	Upper
73	100		
55	24.6	5.1	45.1
87	24.1	4.2	44.2

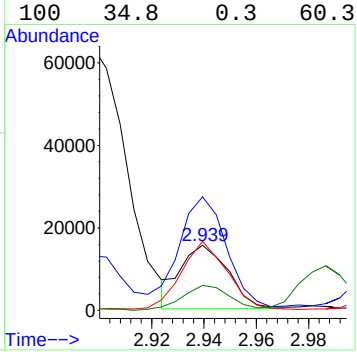


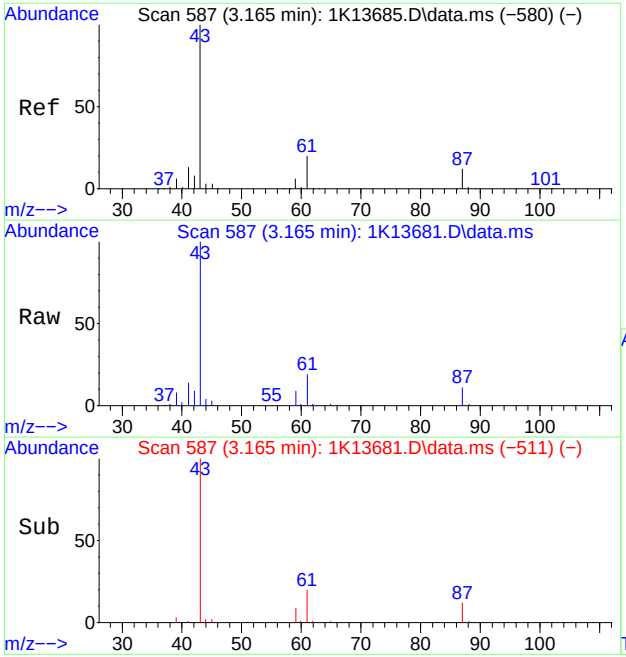


#55
heptane
Concen: 7.93 ug/L
RT: 2.939 min Scan# 544
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 57 Resp: 19567

Ion	Ratio	Lower	Upper
57	100		
43	176.6	140.0	200.0
71	108.8	67.3	127.3
100	34.8	0.3	60.3

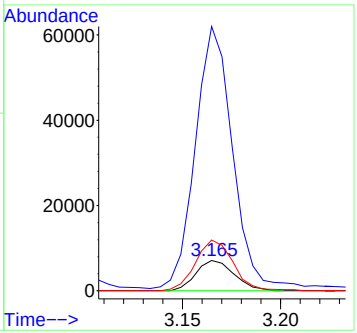


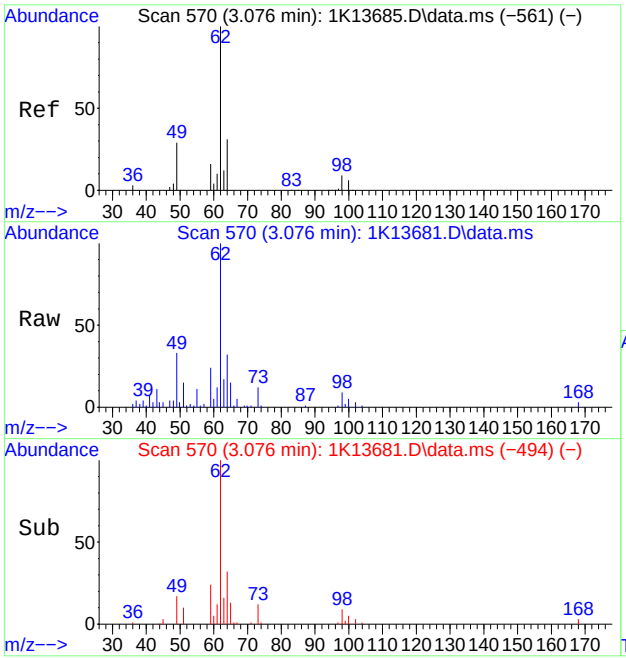


#56
isopropyl acetate
Concen: 7.95 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 87 Resp: 9666

Ion	Ratio	Lower	Upper
87	100		
43	856.6	799.2	859.2
61	166.8	137.1	197.1

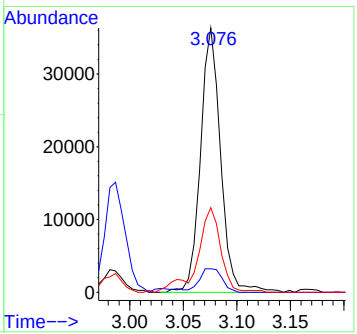


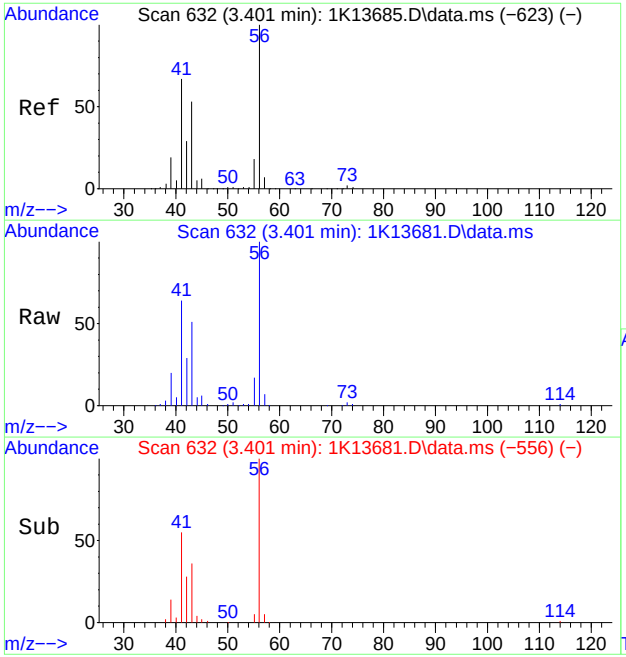


#57
1,2-dichloroethane
Concen: 7.30 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 62 Resp: 47666

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	39.5
64	32.1	1.1	61.1

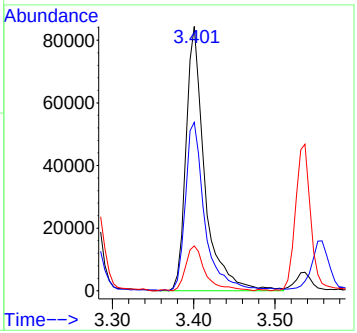


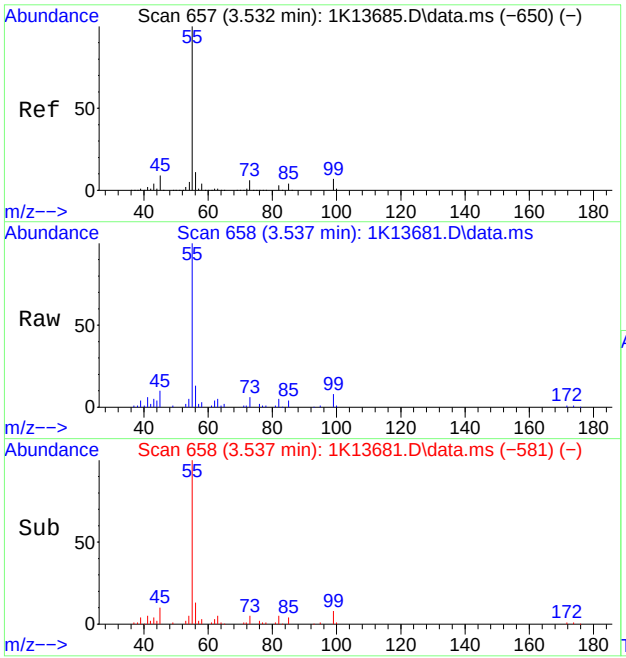


#58
n-butyl alcohol
Concen: 412.13 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 56 Resp: 135721

Ion	Ratio	Lower	Upper
56	100		
41	63.7	46.6	86.6
55	16.6	0.0	37.9

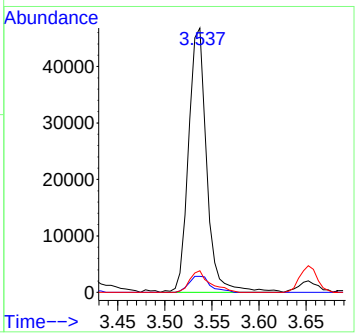


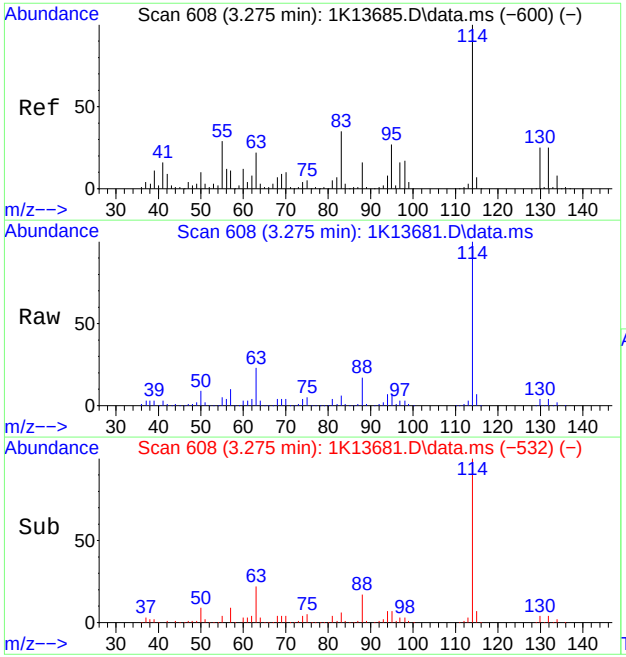


#59
ethyl acrylate
Concen: 8.29 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 55 Resp: 62703

Ion	Ratio	Lower	Upper
55	100		
73	6.1	0.0	36.5
99	8.2	0.0	37.0

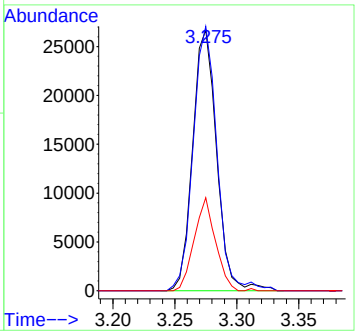


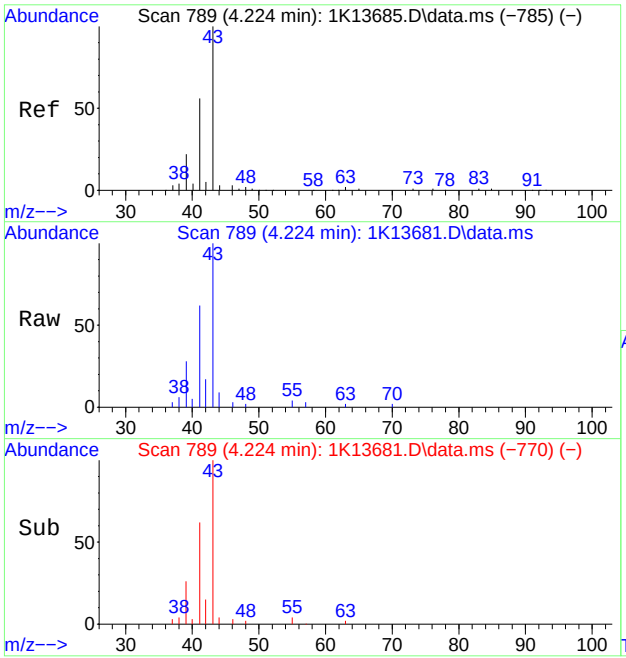


#60
trichloroethene
Concen: 8.22 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:130 Resp: 36073

Ion	Ratio	Lower	Upper
130	100		
132	101.4	70.3	130.3
134	35.7	2.0	62.0

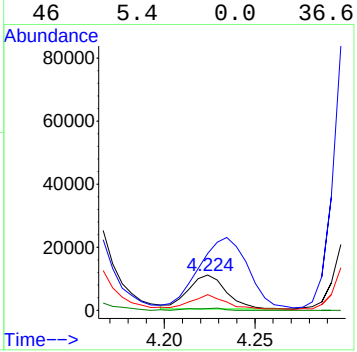


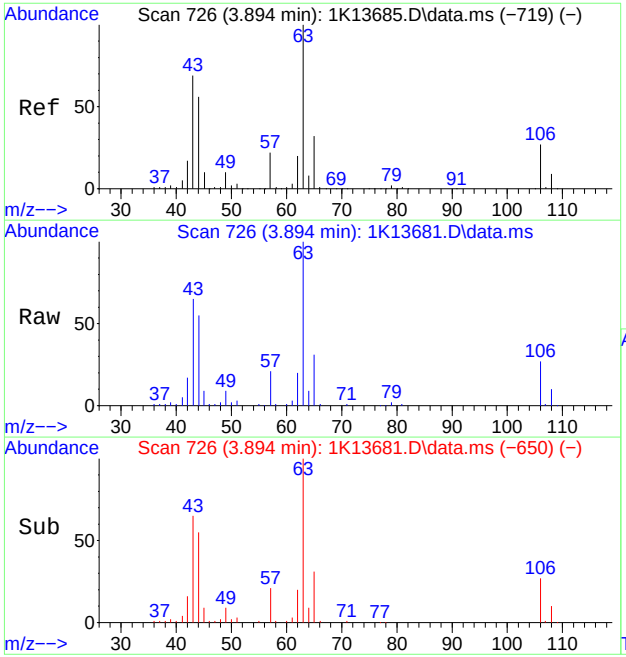


#61
2-nitropropane
Concen: 7.02 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 41 Resp: 15931

Ion	Ratio	Lower	Upper
41	100		
43	154.9	127.6	187.6
39	42.6	8.5	68.5
46	5.4	0.0	36.6

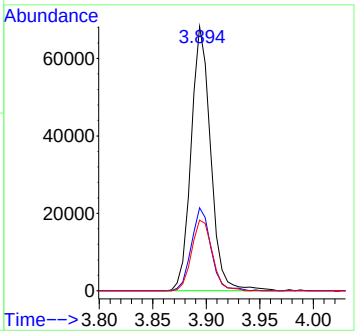


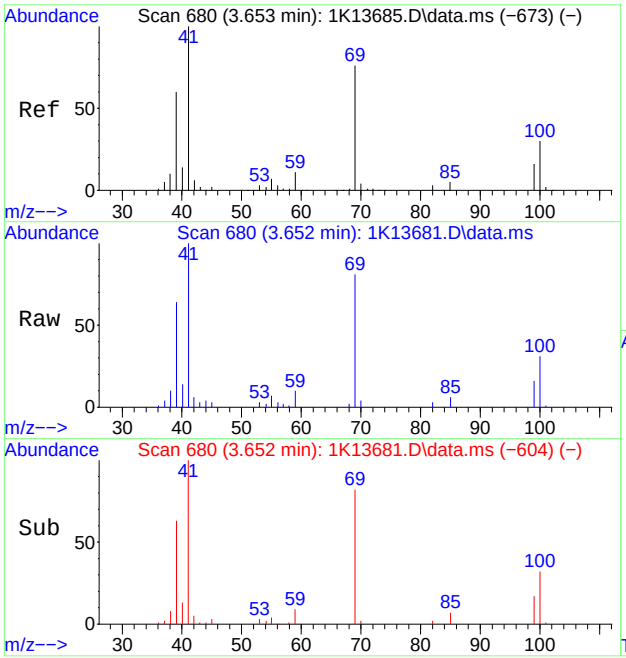


#62
2-chloroethyl vinyl ether
Concen: 46.51 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 63 Resp: 87040

Ion	Ratio	Lower	Upper
63	100		
65	31.4	1.9	61.9
106	26.7	0.0	57.3

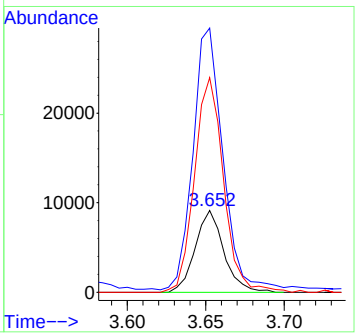


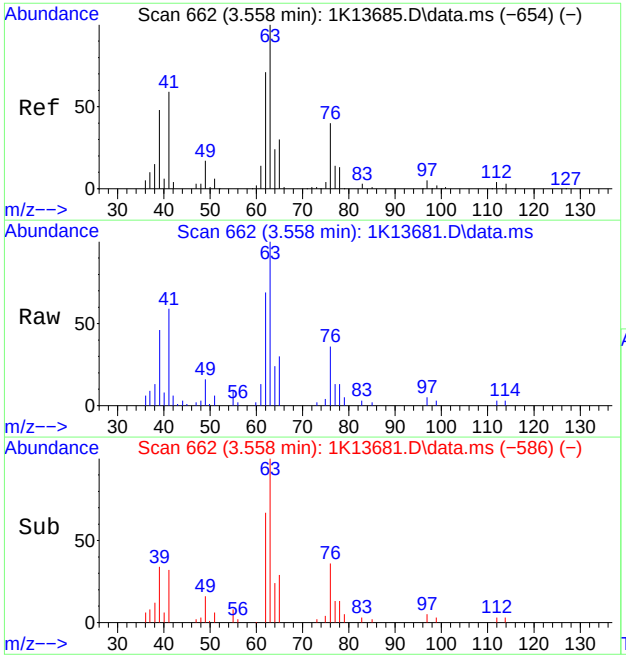


#63
methyl methacrylate
Concen: 8.76 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:100 Resp: 11676

Ion	Ratio	Lower	Upper
100	100		
41	319.8	304.0	364.0
69	262.1	224.1	284.1

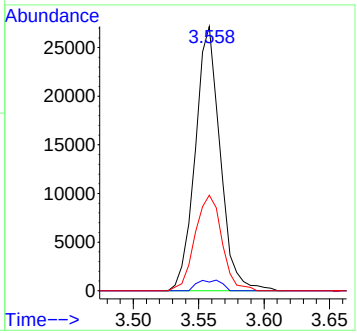


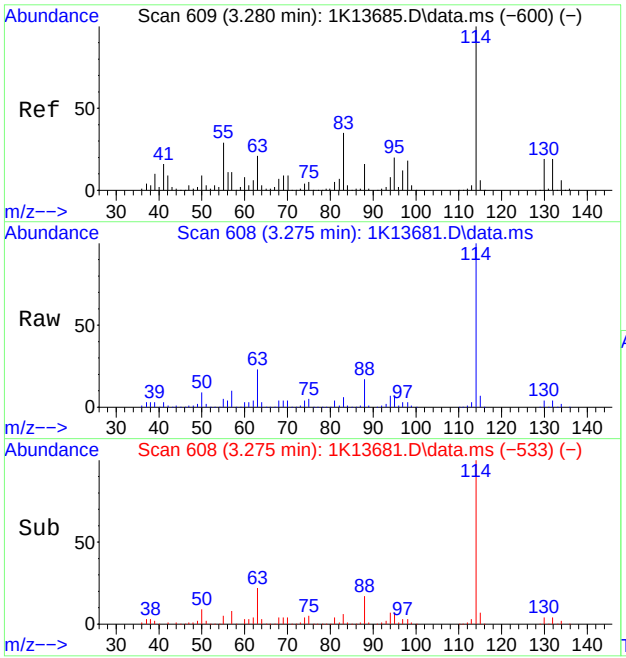


#64
1,2-dichloropropane
Concen: 8.10 ug/L
RT: 3.558 min Scan# 662
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 63 Resp: 36050

Ion	Ratio	Lower	Upper
63	100		
112	3.3	0.0	34.4
76	36.2	10.3	70.3

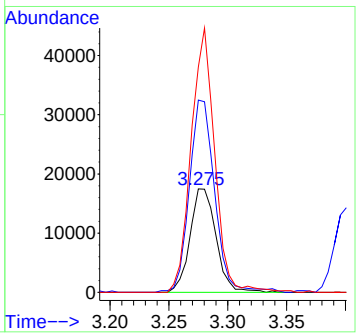


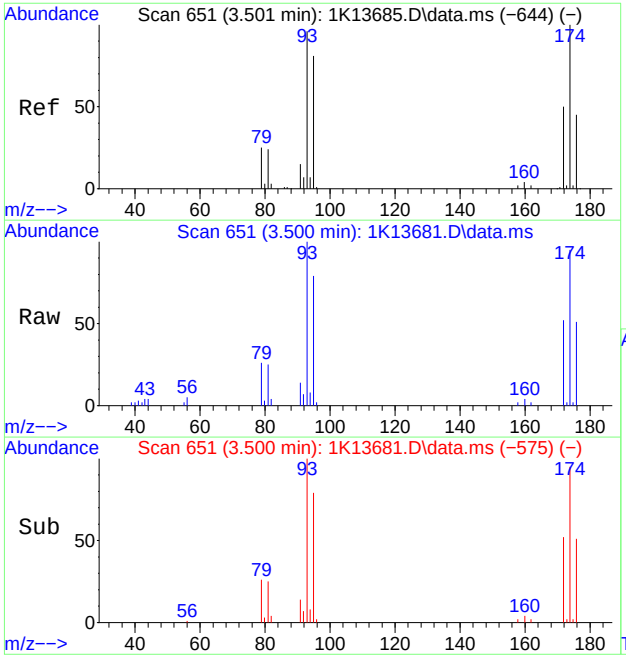


#65
methylcyclohexane
Concen: 7.98 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 98 Resp: 26928

Ion	Ratio	Lower	Upper
98	100		
55	185.7	130.3	190.3
83	217.8	194.3	194.3#

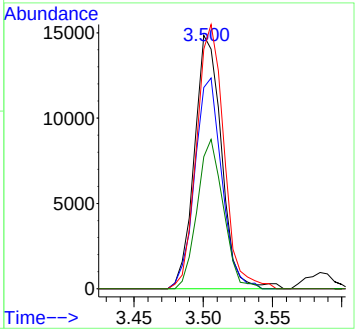


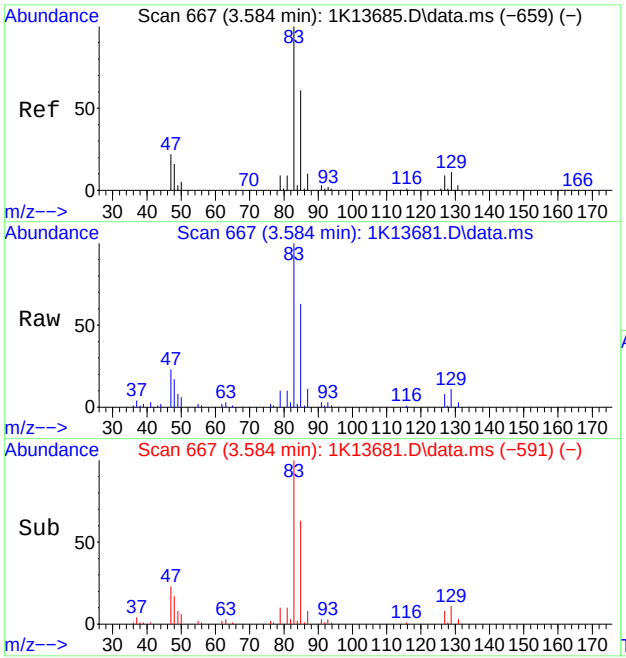


#66
dibromomethane
Concen: 7.77 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 93 Resp: 20201

Ion	Ratio	Lower	Upper
93	100		
95	79.5	54.7	114.7
174	94.6	74.1	134.1
172	52.2	32.6	72.6

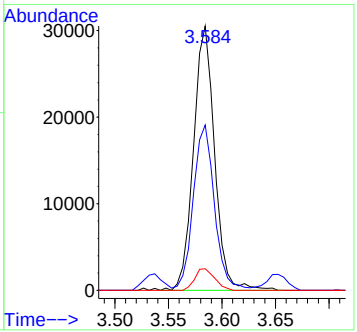


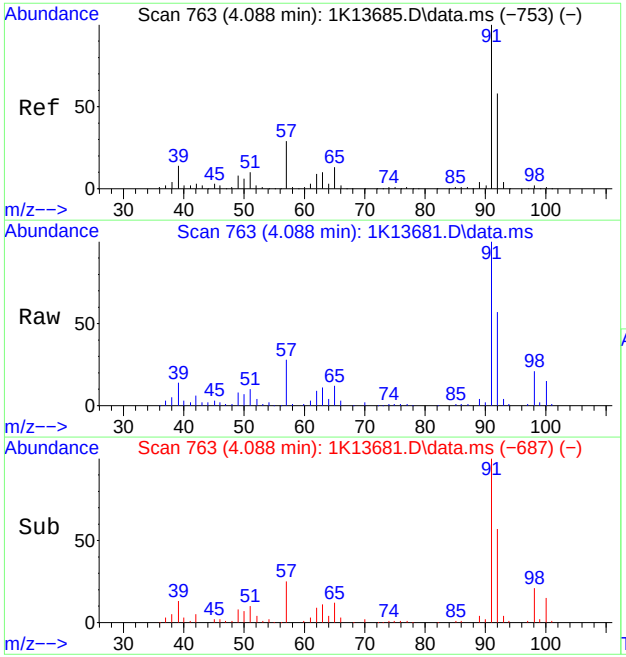


#67
bromodichloromethane
Concen: 7.64 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 83 Resp: 41981

Ion	Ratio	Lower	Upper
83	100		
85	58.5	35.1	95.1
127	8.2	0.0	39.1

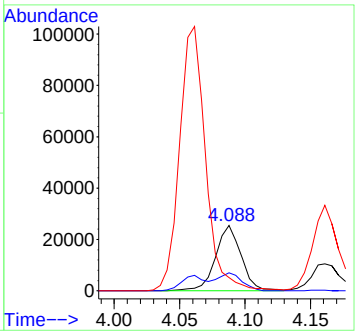


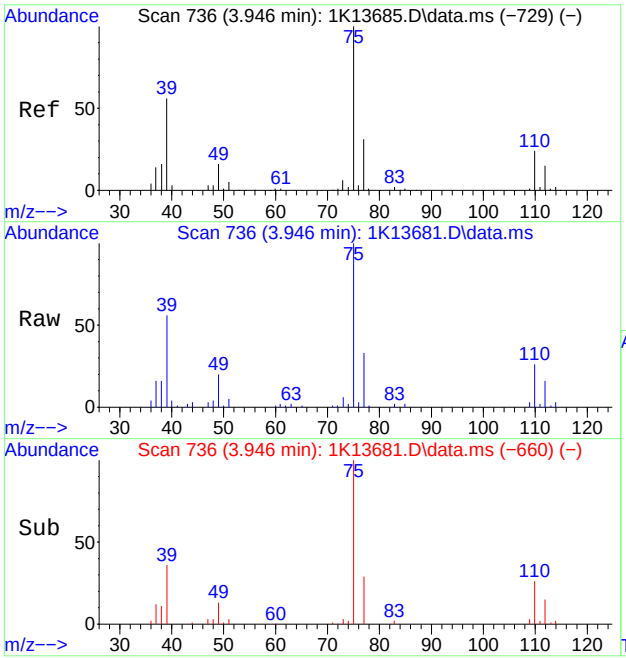


#68
epichlorohydrin
Concen: 38.31 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 57 Resp: 34830

Ion	Ratio	Lower	Upper
57	100		
49	27.3	6.2	46.2
42	18.7	0.0	29.7

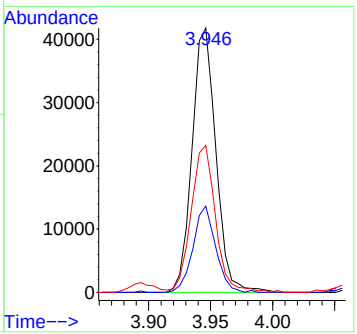


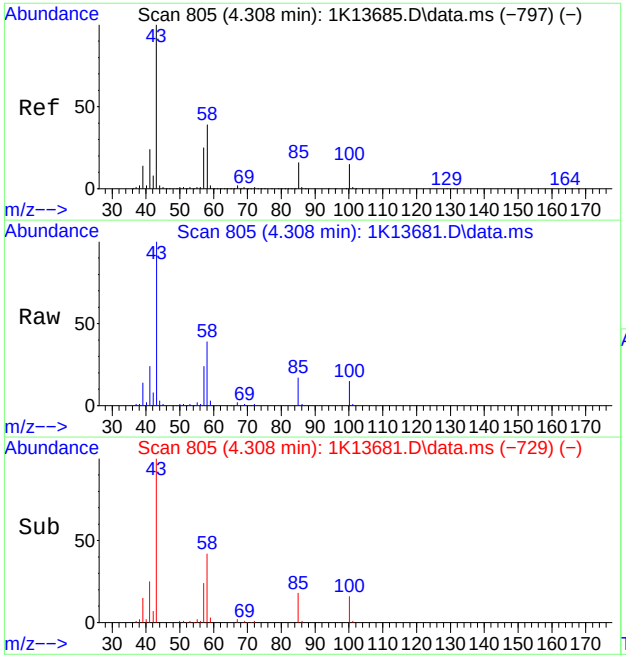


#69
cis-1,3-dichloropropene
Concen: 8.42 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 75 Resp: 56246

Ion	Ratio	Lower	Upper
75	100		
77	32.6	1.6	61.6
39	55.6	26.9	86.9

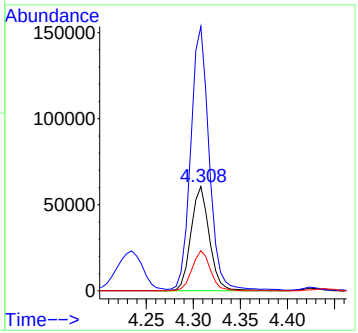


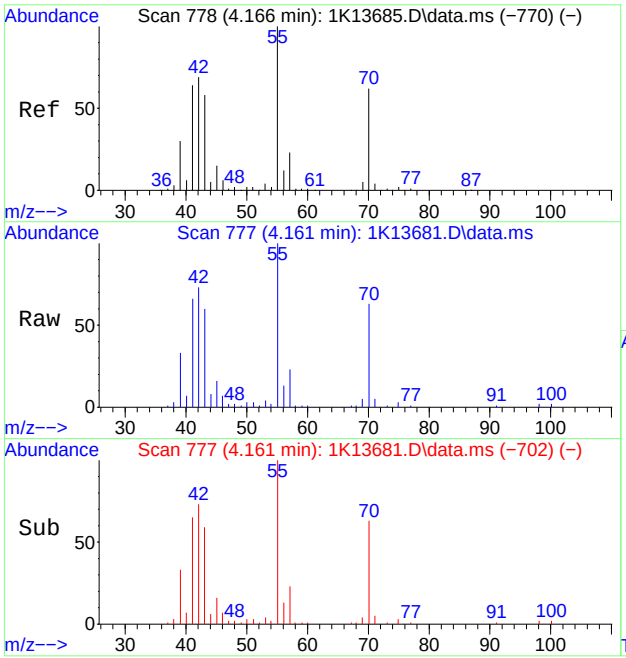


#70
4-methyl-2-pentanone
Concen: 33.49 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 58 Resp: 82340

Ion	Ratio	Lower	Upper
58	100		
43	252.6	226.7	286.7
100	38.3	8.1	68.1

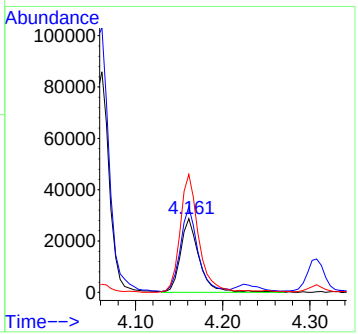


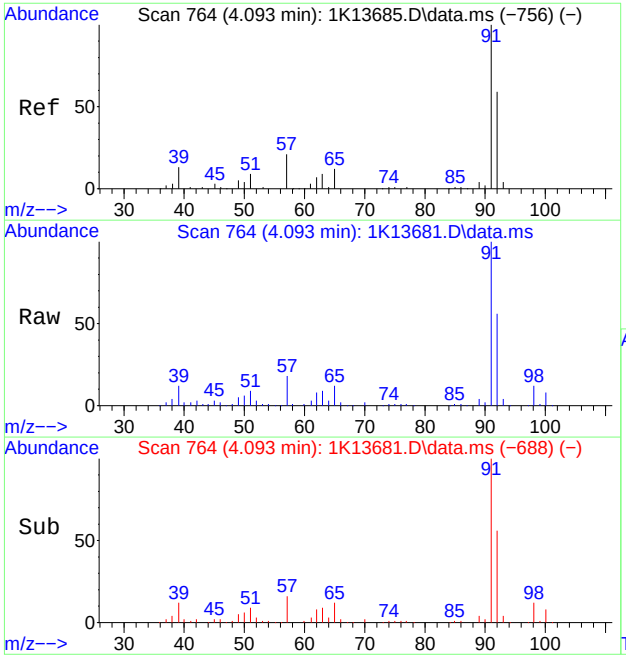


#71
3-methyl-1-butanol
Concen: 161.51 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 70 Resp: 42646

Ion	Ratio	Lower	Upper
70	100		
42	114.6	81.3	141.3
55	158.8	131.4	191.4

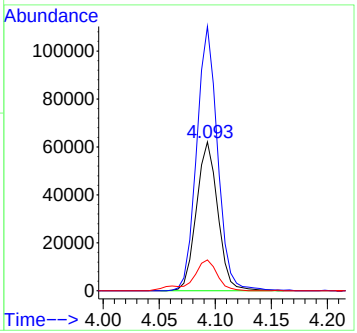


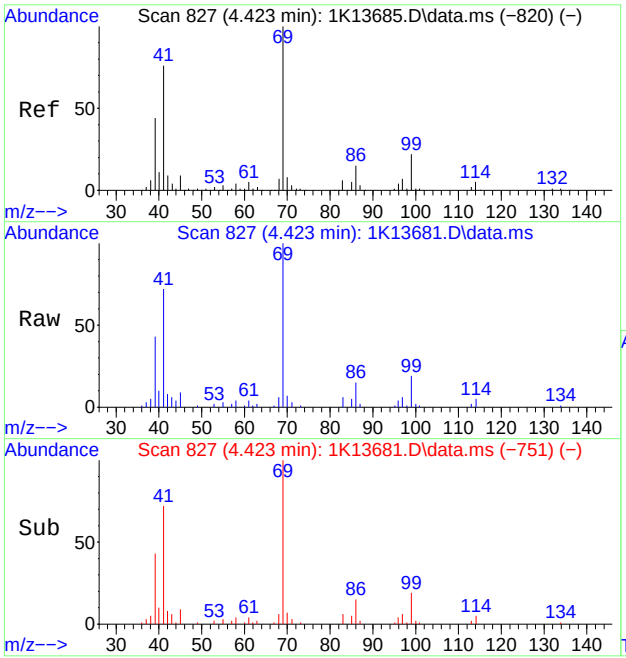


#74
toluene
Concen: 7.68 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 92 Resp: 82649

Ion	Ratio	Lower	Upper
92	100		
91	177.6	150.5	190.5
65	20.7	0.6	40.6

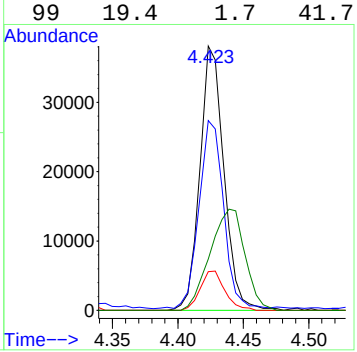


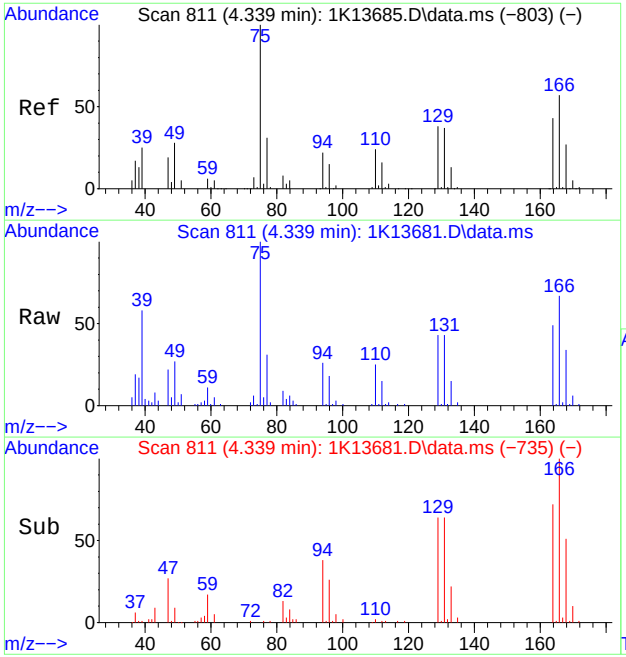


#75
ethyl methacrylate
Concen: 8.31 ug/L
RT: 4.423 min Scan# 827
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 69 Resp: 48698

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.7	96.7
86	14.6	0.0	35.4
99	19.4	1.7	41.7

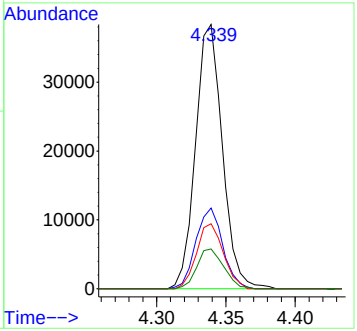


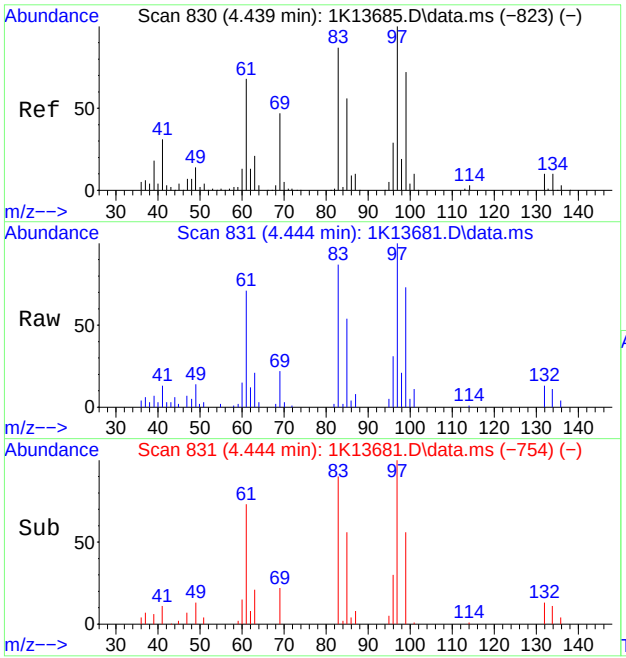


#76
trans-1,3-dichloropropene
Concen: 8.19 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 75 Resp: 51730

Ion	Ratio	Lower	Upper
75	100		
77	30.5	11.2	51.2
110	24.7	4.0	44.0
112	15.1	0.0	35.5

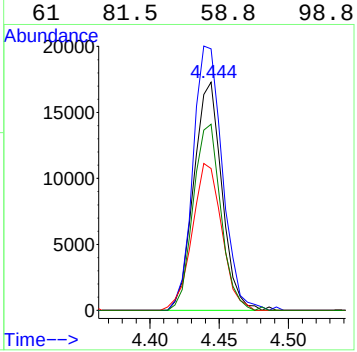




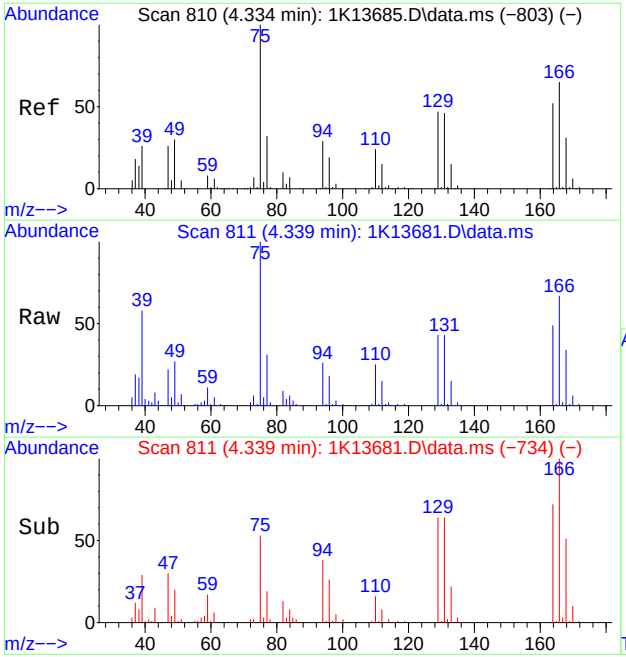
#77
1,1,2-trichloroethane
Concen: 7.99 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 83 Resp: 24469

Ion	Ratio	Lower	Upper
83	100		
97	114.5	95.4	135.4
85	62.2	45.4	85.4
61	81.5	58.8	98.8



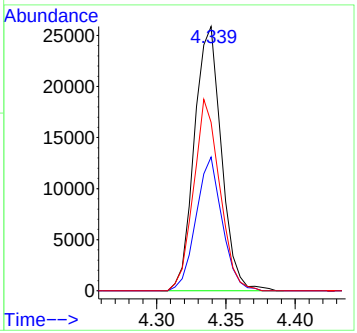
7.6.19

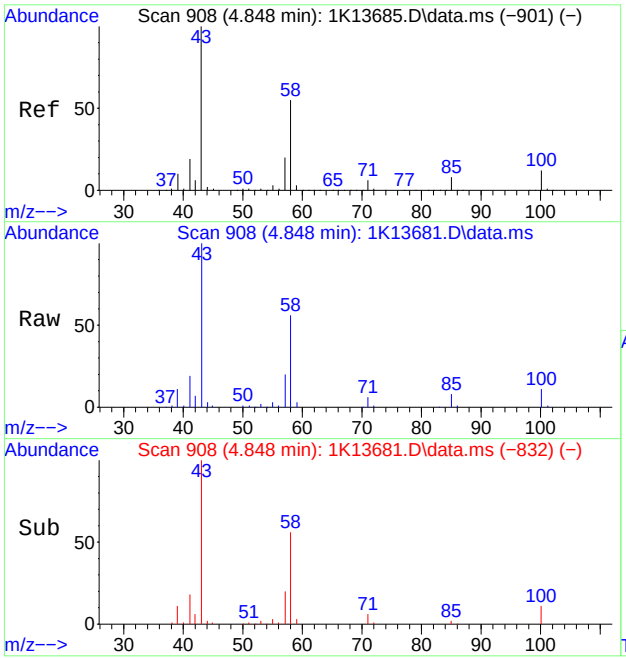


#78
tetrachloroethene
Concen: 8.13 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:166 Resp: 35117

Ion	Ratio	Lower	Upper
166	100		
168	50.6	17.2	77.2
129	63.7	42.2	102.2

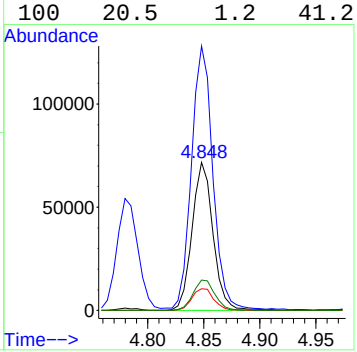


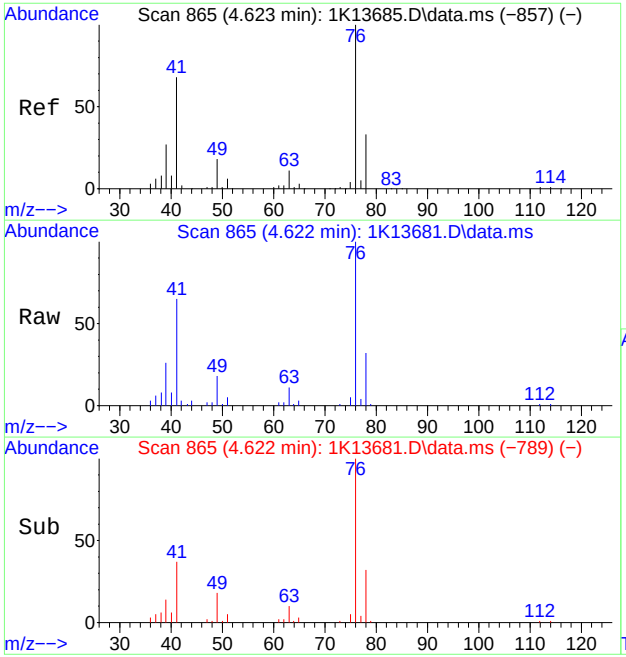


#79
2-hexanone
Concen: 33.09 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 58 Resp: 93140

Ion	Ratio	Lower	Upper
58	100		
43	177.7	162.0	202.0
85	14.6	0.0	34.2
100	20.5	1.2	41.2

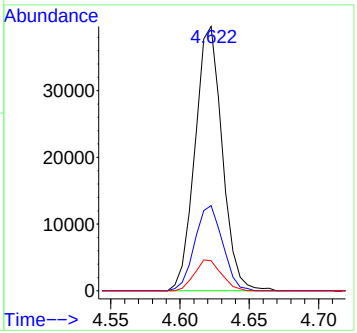


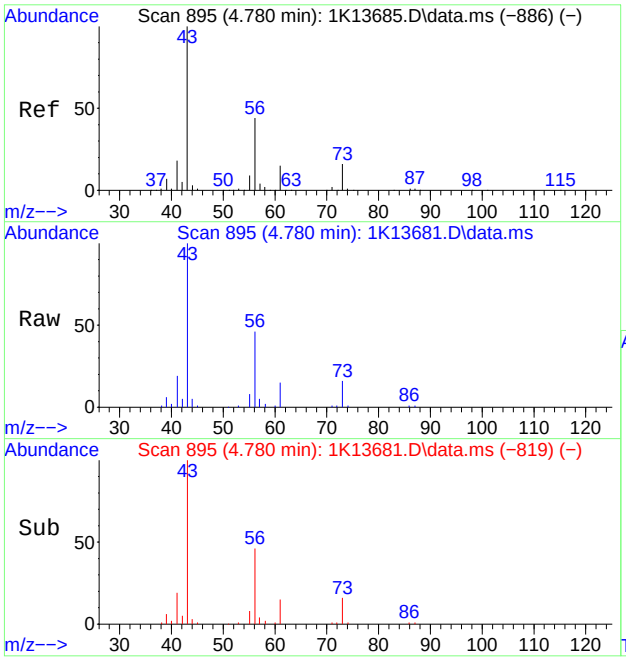


#80
1,3-dichloropropane
Concen: 7.97 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 76 Resp: 54061

Ion	Ratio	Lower	Upper
76	100		
78	32.3	3.0	63.0
63	11.4	0.0	40.8

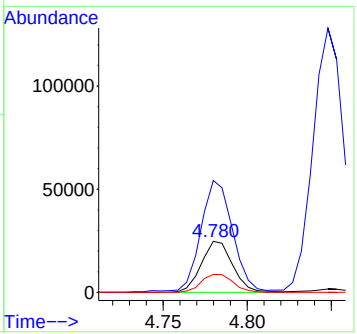


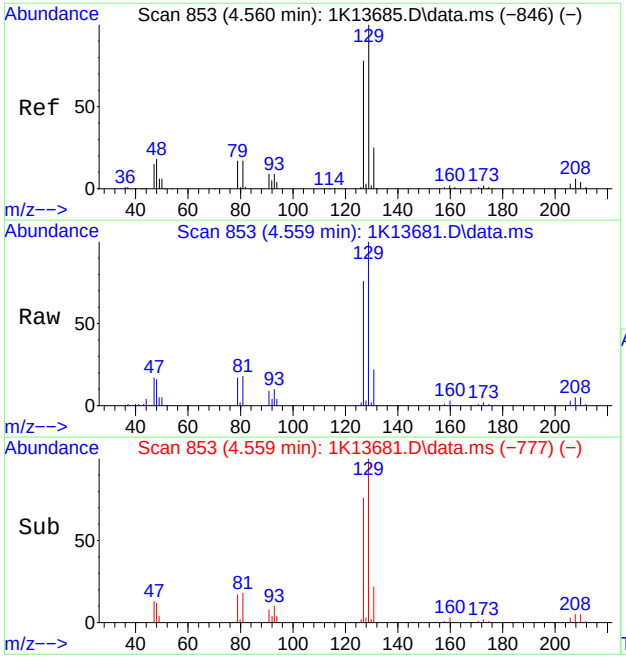


#81
butyl acetate
Concen: 8.47 ug/L
RT: 4.780 min Scan# 895
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 56 Resp: 32214

Ion	Ratio	Lower	Upper
56	100		
43	215.9	198.9	258.9
73	35.2	7.7	67.7

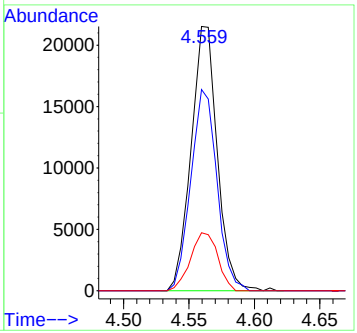


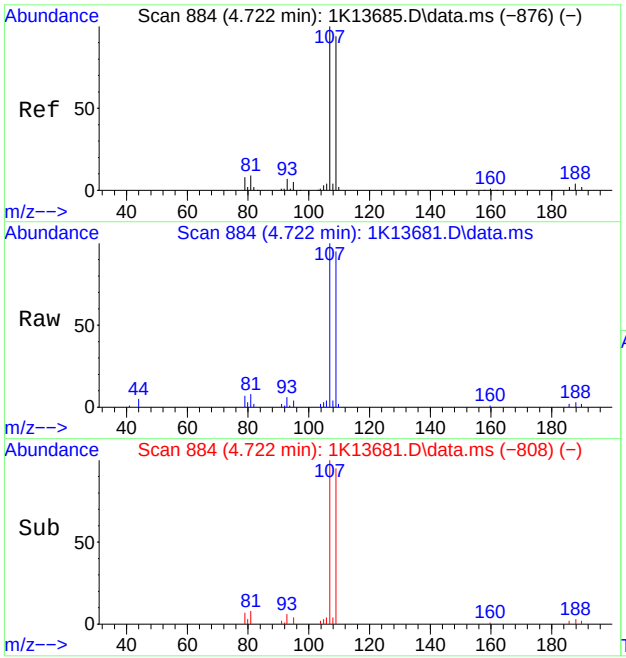


#82
dibromochloromethane
Concen: 8.24 ug/L
RT: 4.559 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:129 Resp: 30038

Ion	Ratio	Lower	Upper
129	100		
127	76.1	48.2	108.2
131	22.0	0.0	54.9

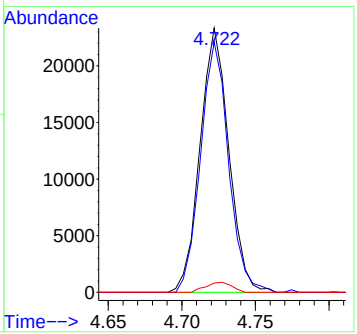


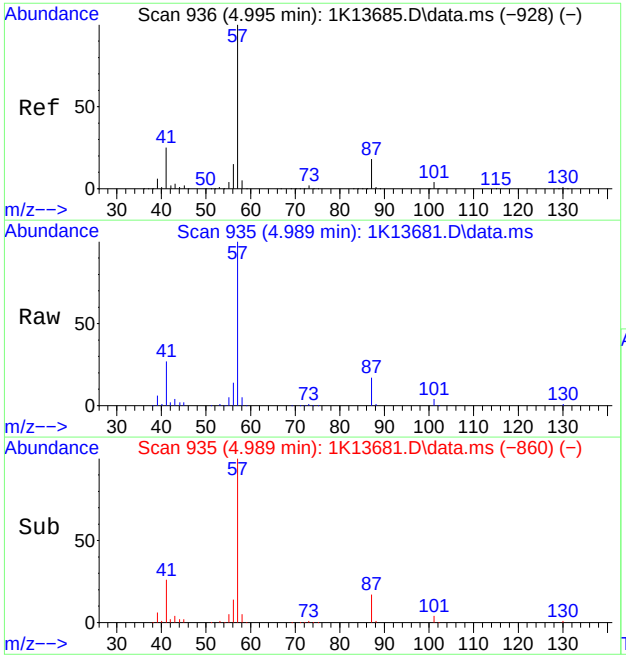


#83
1,2-dibromoethane
Concen: 8.17 ug/L
RT: 4.722 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:107 Resp: 31657

Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.1	124.1
188	3.5	0.0	33.9

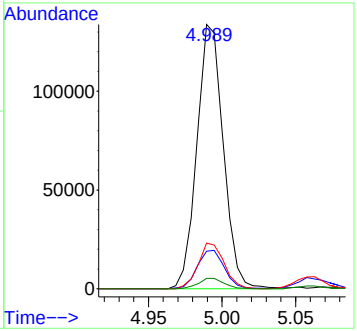


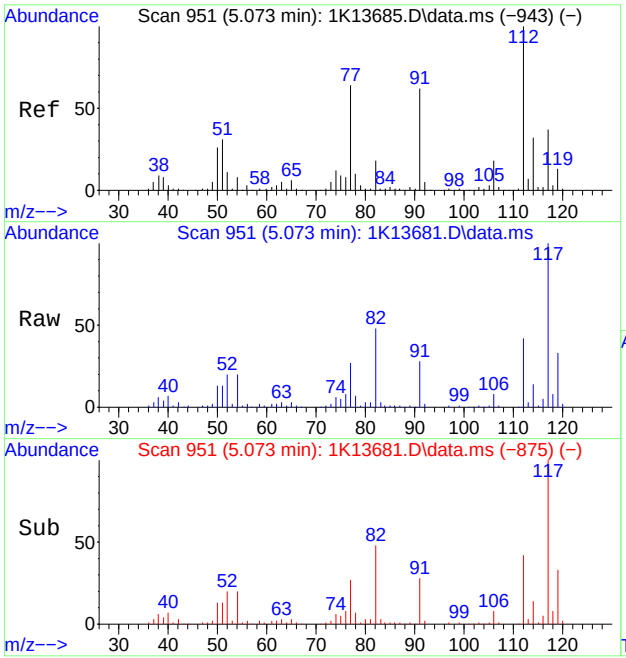


#84
n-butyl ether
Concen: 8.39 ug/L
RT: 4.989 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 57 Resp: 167011

Ion	Ratio	Lower	Upper
57	100		
56	14.2	0.0	44.5
87	17.3	0.0	47.6
101	4.0	0.0	33.9

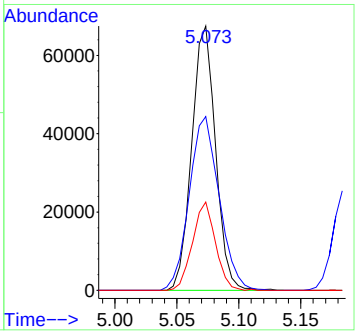


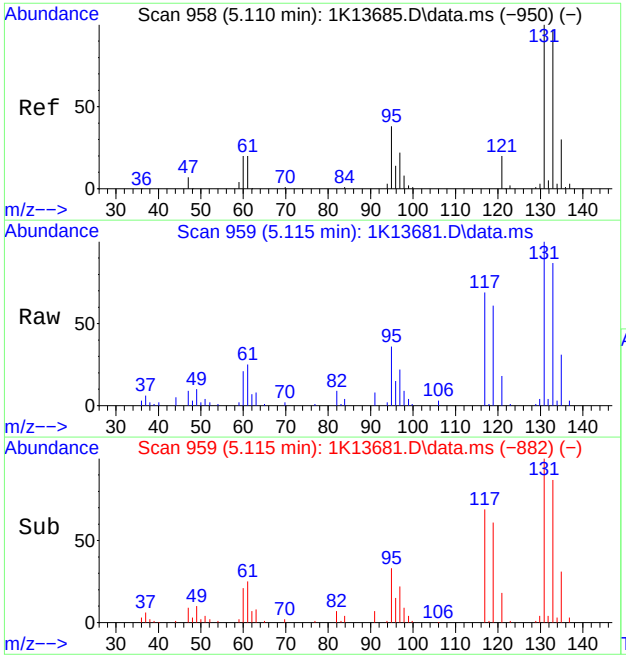


#85
chlorobenzene
Concen: 7.97 ug/L
RT: 5.073 min Scan# 951
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:112 Resp: 90330

Ion	Ratio	Lower	Upper
112	100		
77	65.7	33.8	93.8
114	33.4	2.0	62.0

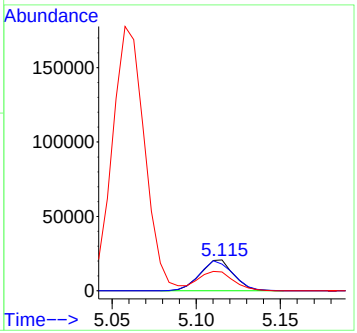


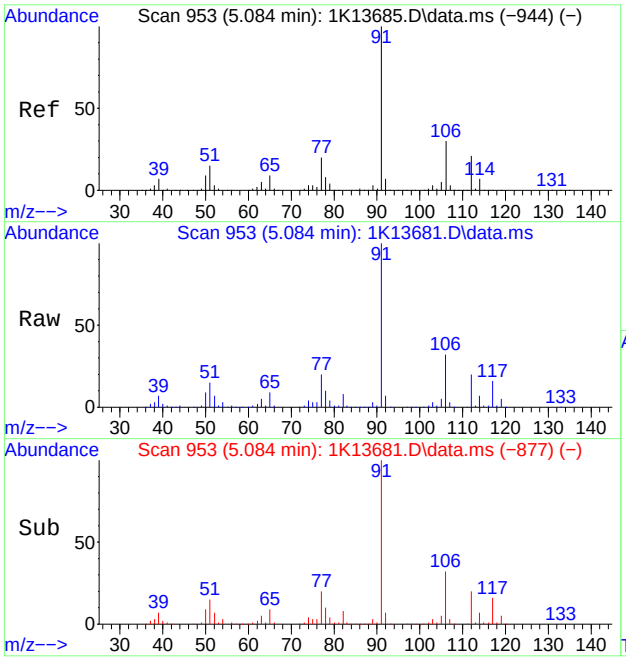


#86
1,1,1,2-tetrachloroethane
Concen: 8.04 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:131 Resp: 28624

Ion	Ratio	Lower	Upper
131	100		
133	86.6	67.0	127.0
119	61.4	34.4	94.4

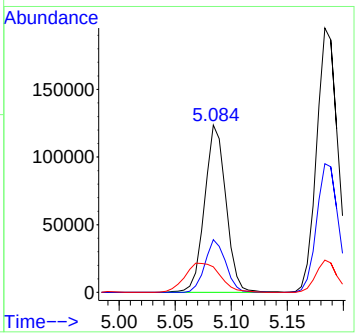


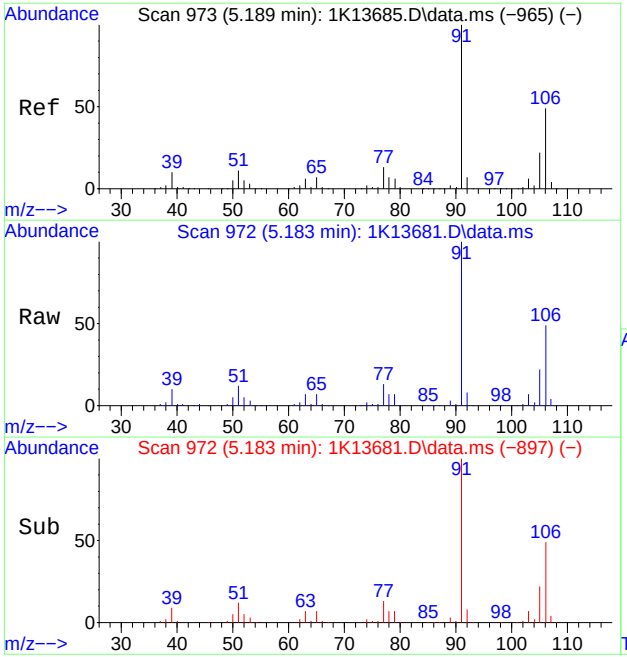


#87
ethylbenzene
Concen: 7.52 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 91 Resp: 163949

Ion	Ratio	Lower	Upper
91	100		
106	31.5	0.2	60.2
51	15.3	0.0	45.3

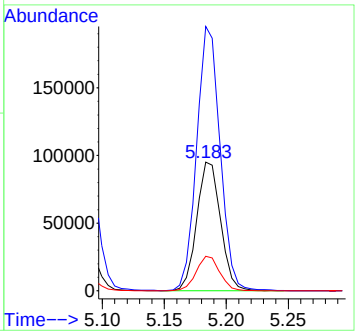


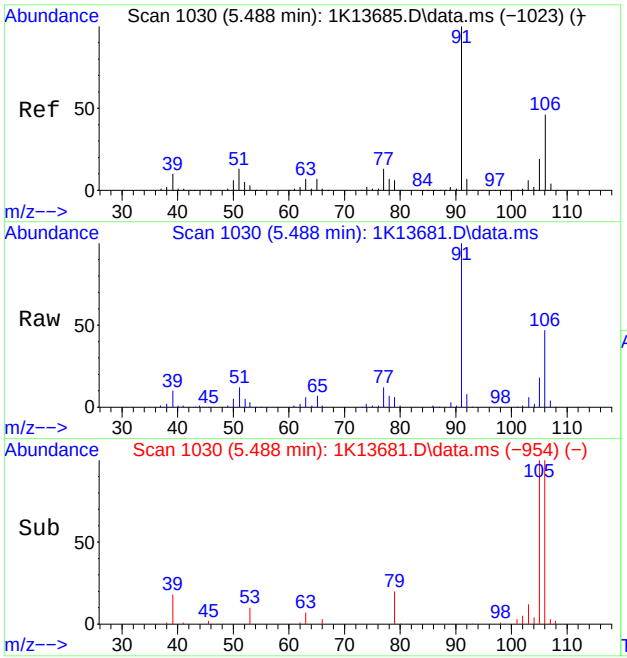


#88
m,p-xylene
Concen: 16.10 ug/L
RT: 5.183 min Scan# 972
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:106 Resp: 127357

Ion	Ratio	Lower	Upper
106	100		
91	205.4	172.8	232.8
77	26.7	5.8	45.8

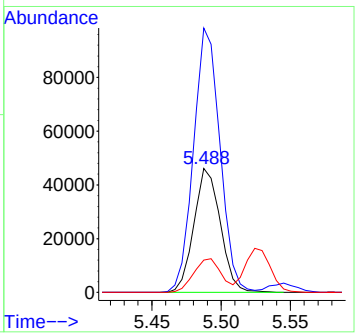


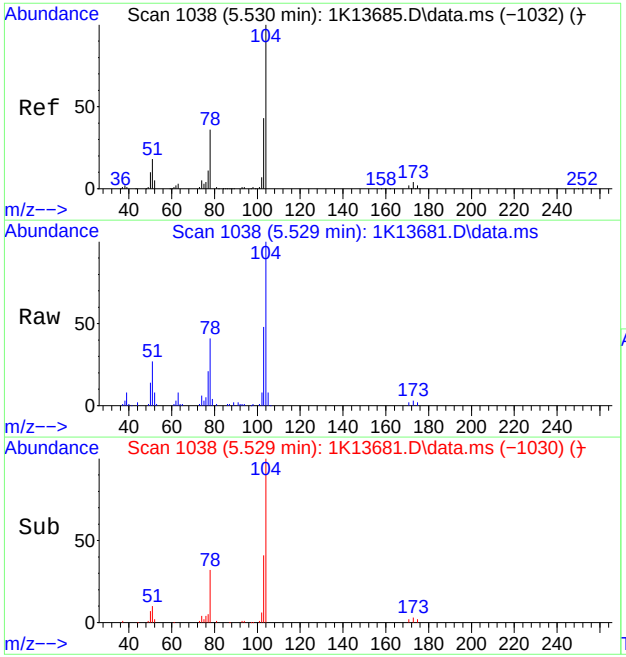


#89
o-xylene
Concen: 8.24 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:106 Resp: 61200

Ion	Ratio	Lower	Upper
106	100		
91	213.6	186.3	246.3
77	26.2	7.1	47.1

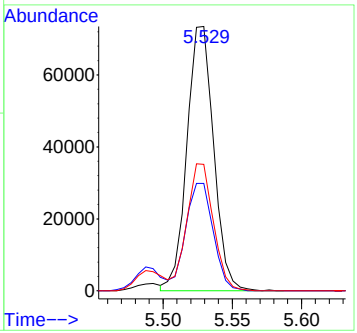


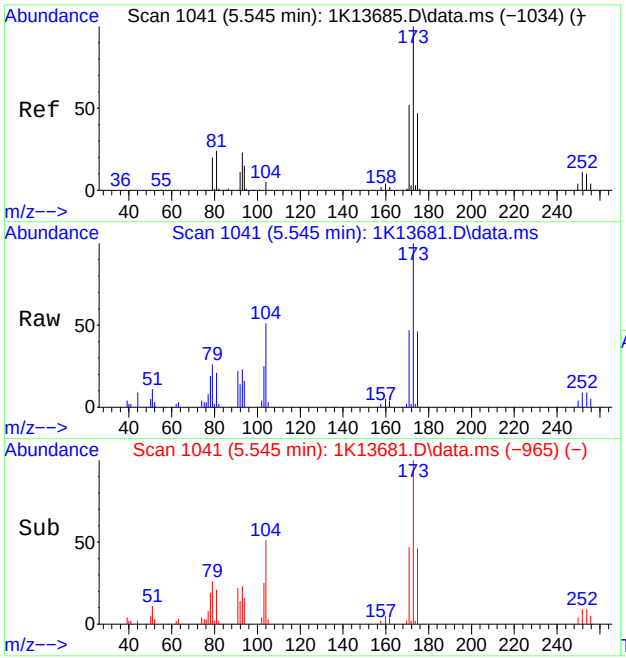


#90
styrene
Concen: 8.12 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:104 Resp: 98975

Ion	Ratio	Lower	Upper
104	100		
78	40.6	10.4	70.4
103	47.9	17.6	77.6

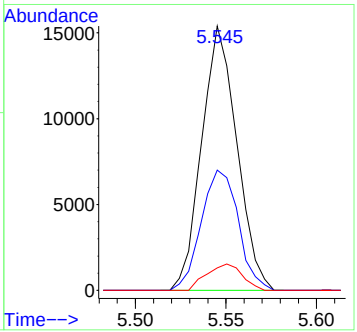


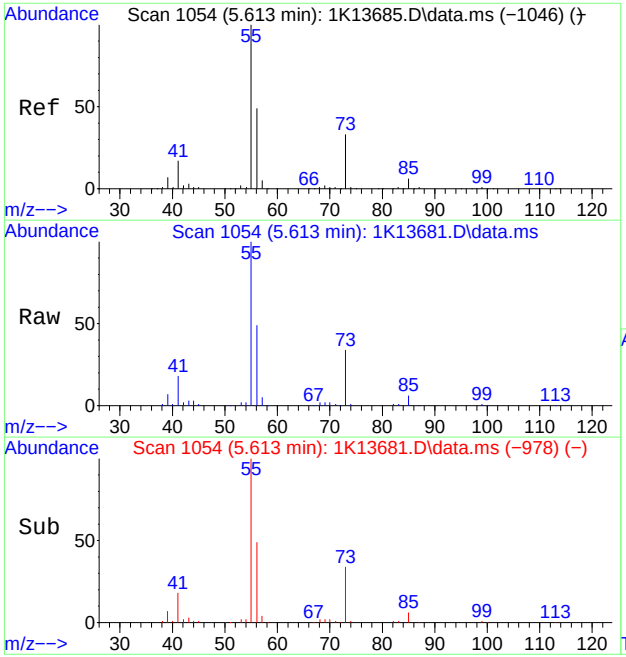


#91
bromoform
Concen: 8.44 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:173 Resp: 20809

Ion	Ratio	Lower	Upper
173	100		
175	45.5	17.2	77.2
254	8.5	0.0	39.9

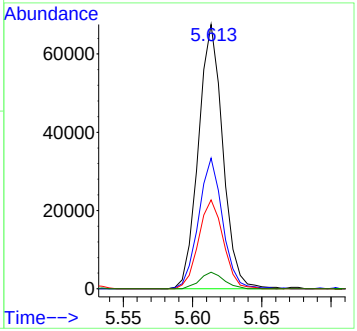


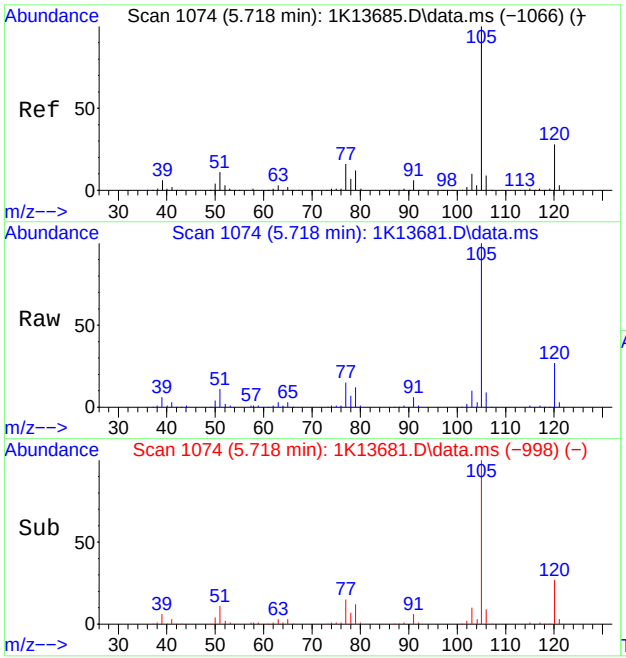


#92
butyl acrylate
Concen: 8.31 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 55 Resp: 82835

Ion	Ratio	Lower	Upper
55	100		
56	49.5	19.4	79.4
73	33.7	3.4	63.4
85	6.3	0.0	36.1

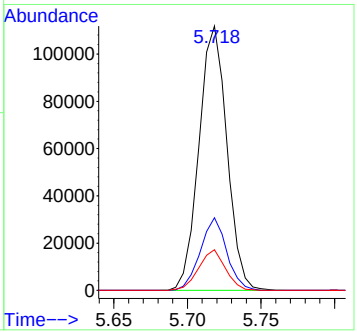


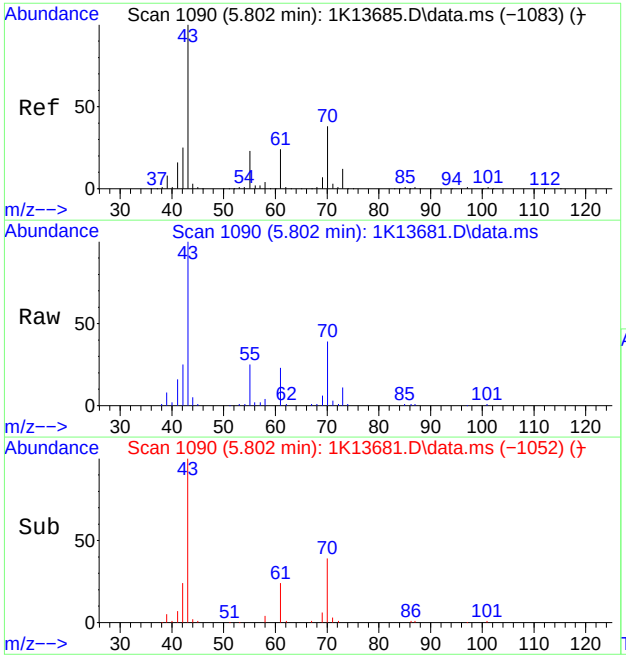


#93
isopropylbenzene
Concen: 8.35 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:105 Resp: 147216

Ion	Ratio	Lower	Upper
105	100		
120	27.4	7.6	47.6
77	15.3	0.0	35.6

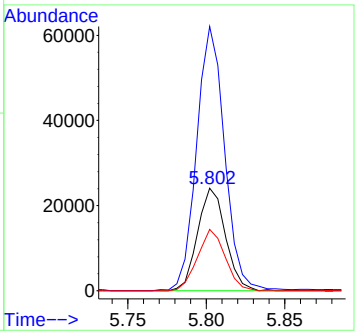


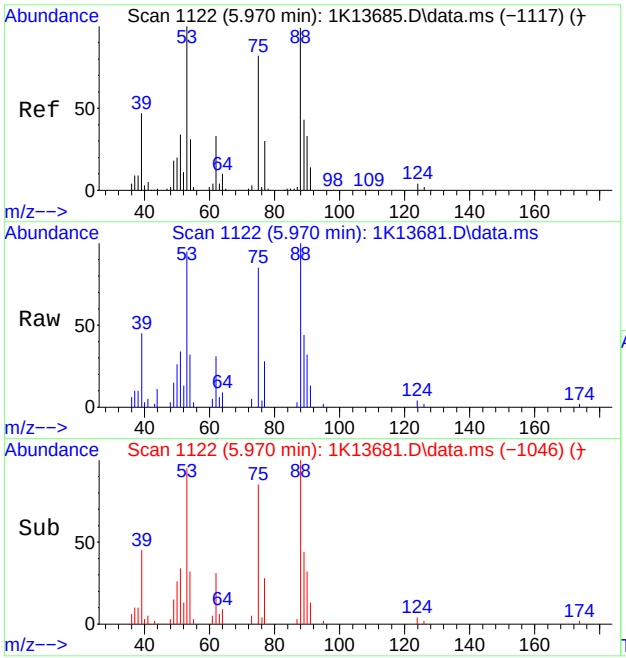


#94
n-amyl acetate
Concen: 8.33 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 70 Resp: 29964

Ion	Ratio	Lower	Upper
70	100		
43	256.8	241.4	281.4
61	60.0	43.1	83.1

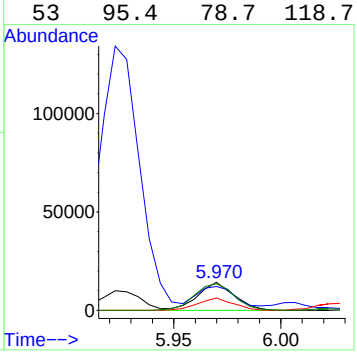


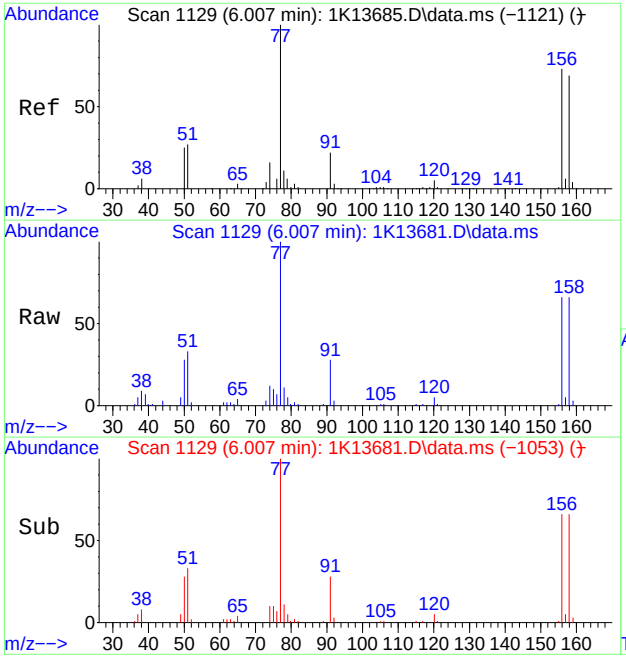


#95
cis-1,4-dichloro-2-butene
Concen: 8.22 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 88 Resp: 16922

Ion	Ratio	Lower	Upper
88	100		
75	57.9	61.4	101.4#
89	44.3	22.1	62.1
53	95.4	78.7	118.7

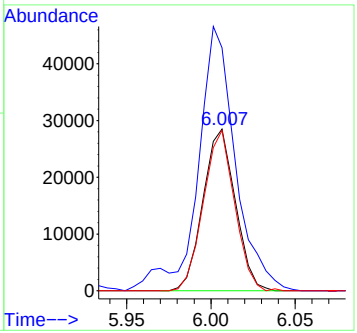


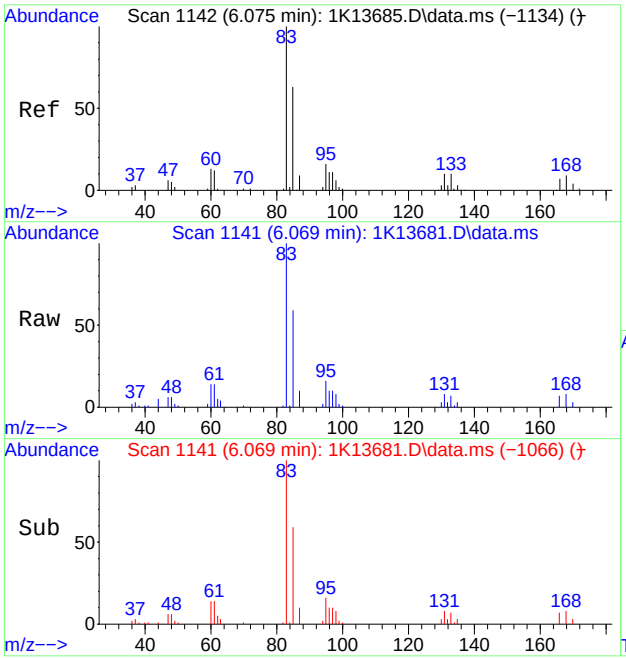


#98
bromobenzene
Concen: 8.28 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:156 Resp: 38276

Ion	Ratio	Lower	Upper
156	100		
77	148.0	121.4	181.4
158	99.3	64.8	124.8

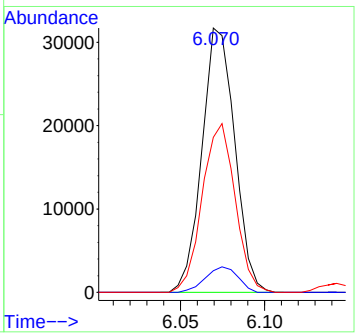


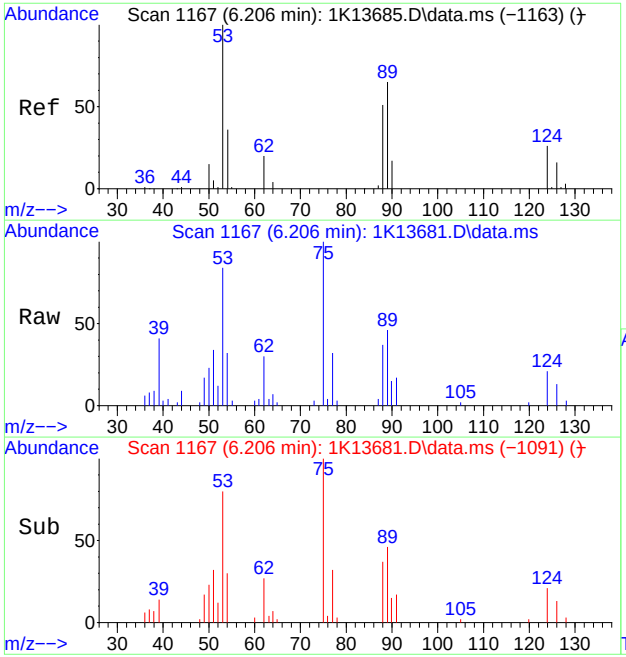


#99
1,1,2,2-tetrachloroethane
Concen: 8.40 ug/L
RT: 6.069 min Scan# 1141
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 83 Resp: 43042

Ion	Ratio	Lower	Upper
83	100		
131	8.2	0.0	40.4
85	58.6	33.3	93.3

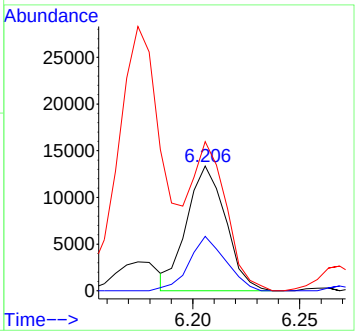


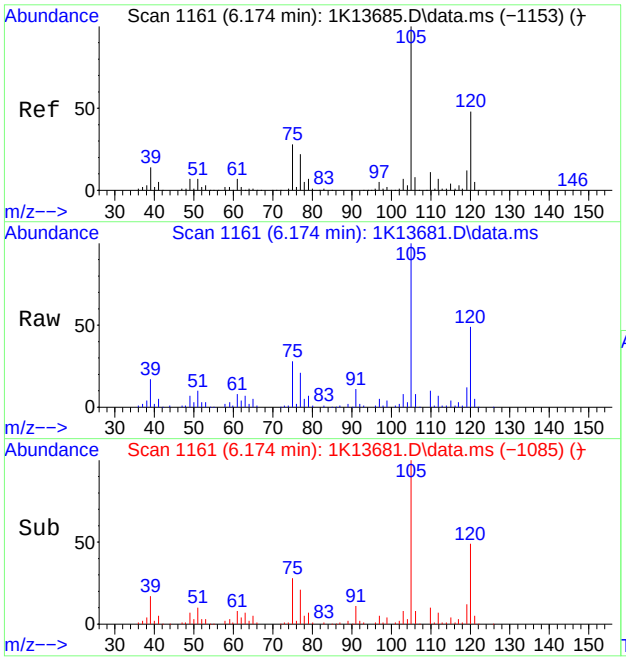


#100
trans-1,4-dichloro-2-butene
Concen: 8.12 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 53 Resp: 16929

Ion	Ratio	Lower	Upper
53	100		
88	43.7	15.0	75.0
75	119.4	88.4	148.4

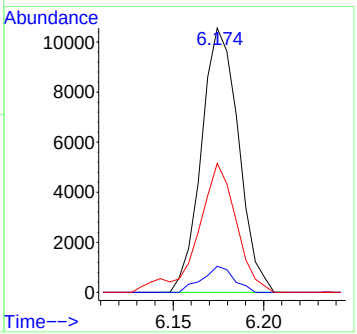


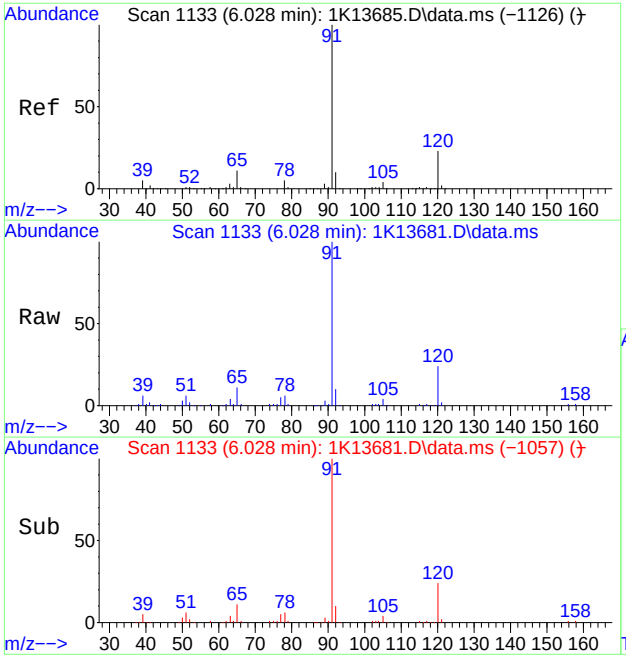


#101
1,2,3-trichloropropane
Concen: 8.84 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:110 Resp: 15034

Ion	Ratio	Lower	Upper
110	100		
111	9.9	0.0	40.4
97	48.8	19.6	79.6

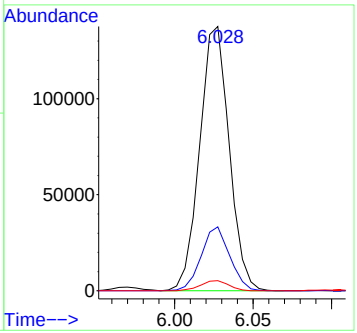


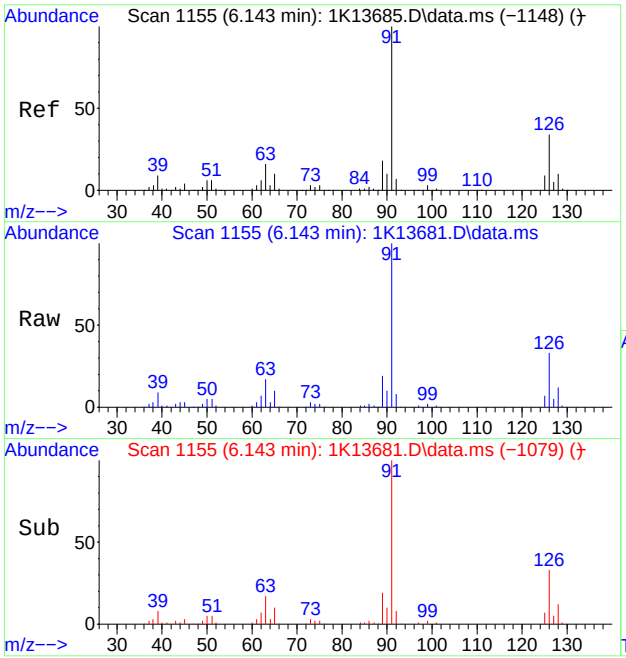


#102
n-propylbenzene
Concen: 8.13 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 91 Resp: 180316

Ion	Ratio	Lower	Upper
91	100		
120	24.2	0.0	53.1
105	3.9	0.0	33.8

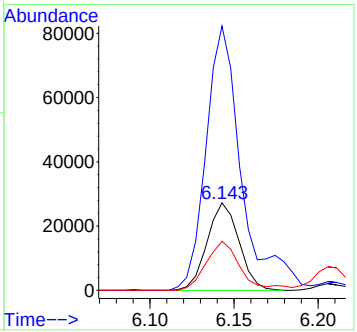


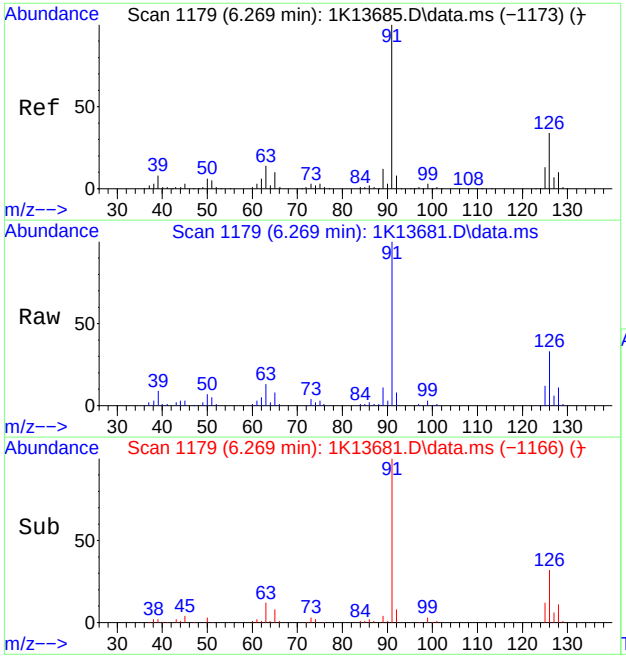


#103
2-chlorotoluene
Concen: 8.39 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:126 Resp: 36055

Ion	Ratio	Lower	Upper
126	100		
91	302.1	265.3	325.3
89	56.3	24.5	84.5

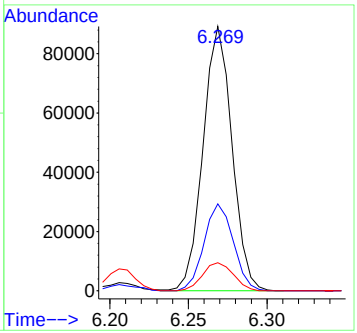


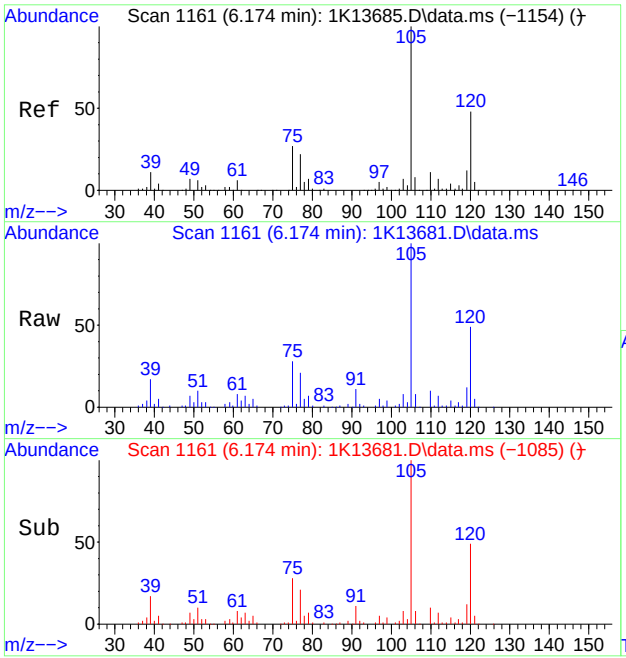


#104
4-chlorotoluene
Concen: 8.13 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 91 Resp: 114532

Ion	Ratio	Lower	Upper
91	100		
126	32.8	3.8	63.8
89	10.7	0.0	41.7

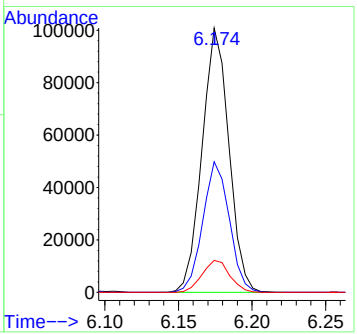


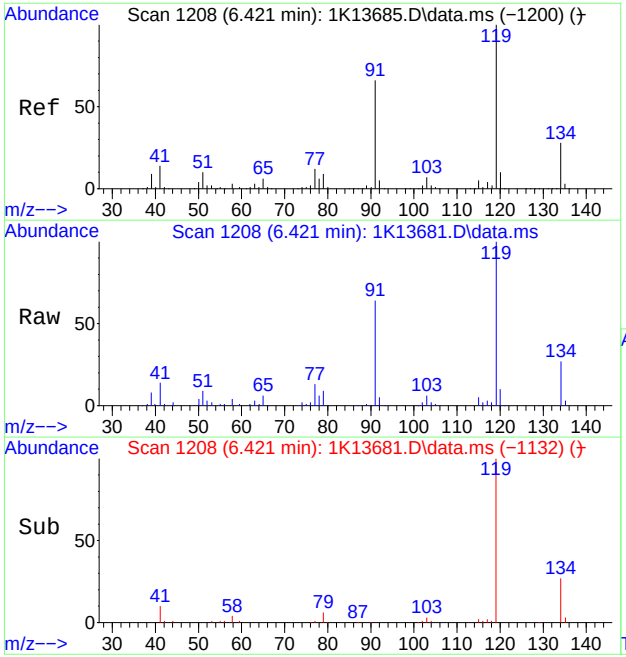


#105
1,3,5-trimethylbenzene
Concen: 8.51 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:105 Resp: 127615

Ion	Ratio	Lower	Upper
105	100		
120	49.4	18.3	78.3
119	12.1	0.0	42.2

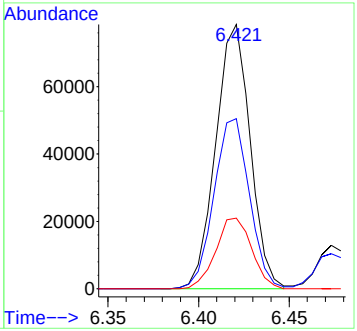


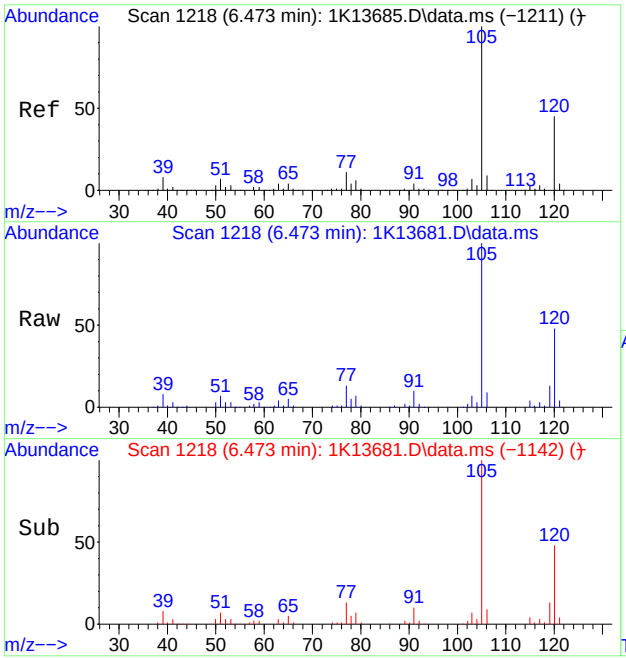


#106
tert-butylbenzene
Concen: 8.20 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:119 Resp: 103800

Ion	Ratio	Lower	Upper
119	100		
91	64.3	36.3	96.3
134	26.7	0.0	57.5

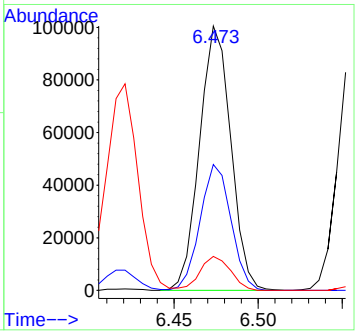


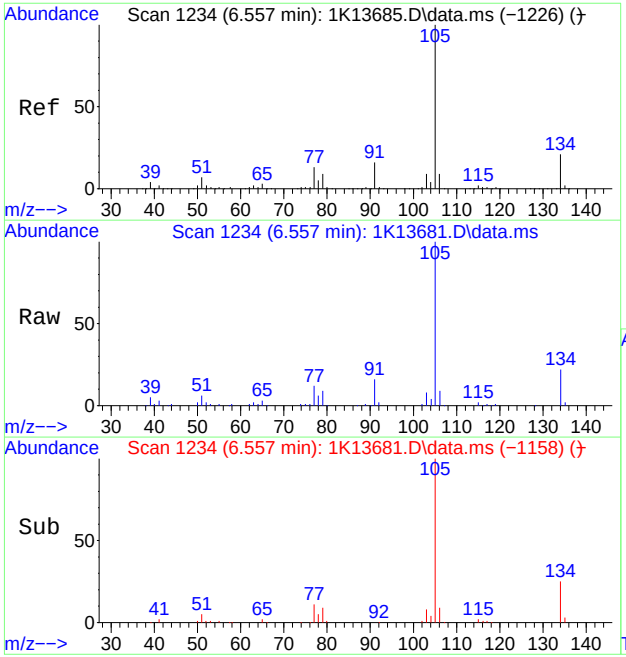


#107
1,2,4-trimethylbenzene
Concen: 8.38 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:105 Resp: 130119

Ion	Ratio	Lower	Upper
105	100		
120	47.6	16.6	76.6
119	12.8	0.0	41.7

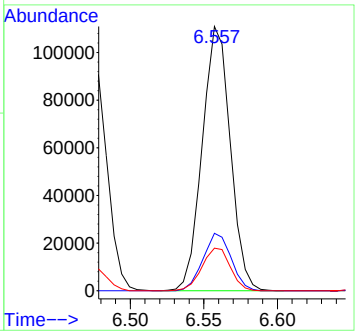


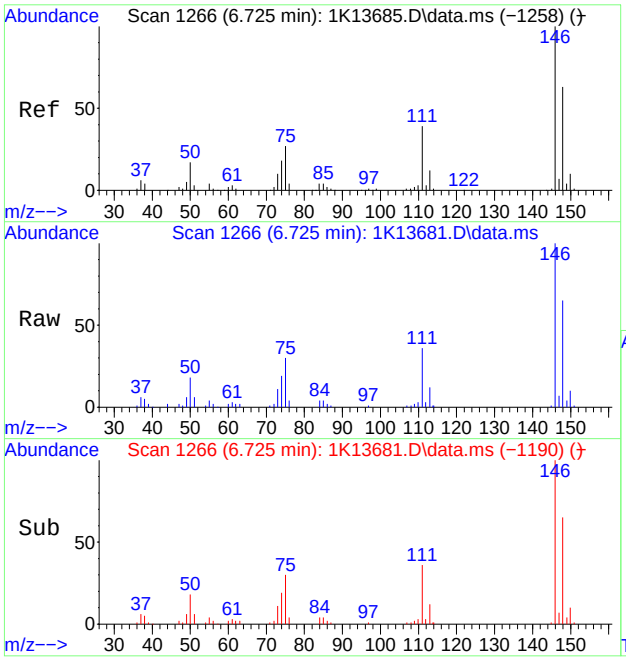


#108
sec-butylbenzene
Concen: 8.28 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:105 Resp: 146976

Ion	Ratio	Lower	Upper
105	100		
134	21.8	0.0	50.7
91	16.1	0.0	45.7

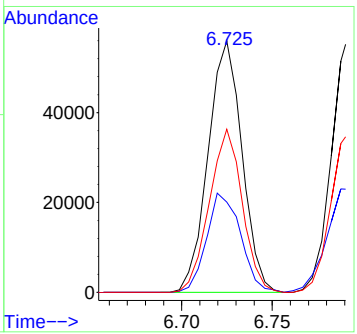


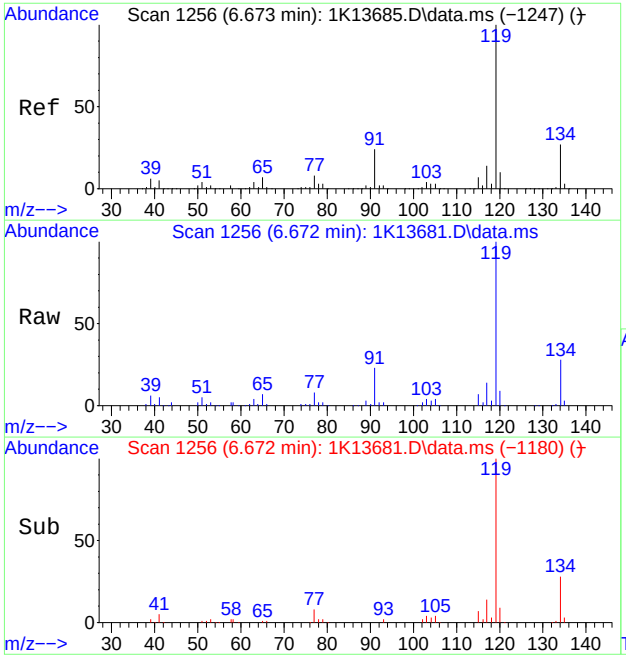


#109
1,3-dichlorobenzene
Concen: 8.09 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:146 Resp: 72719

Ion	Ratio	Lower	Upper
146	100		
111	36.0	8.8	68.8
148	64.8	33.3	93.3

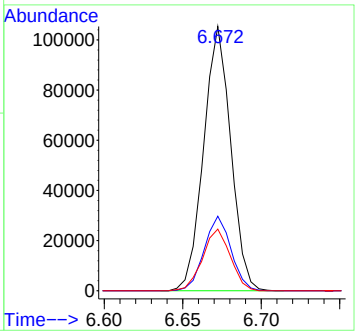


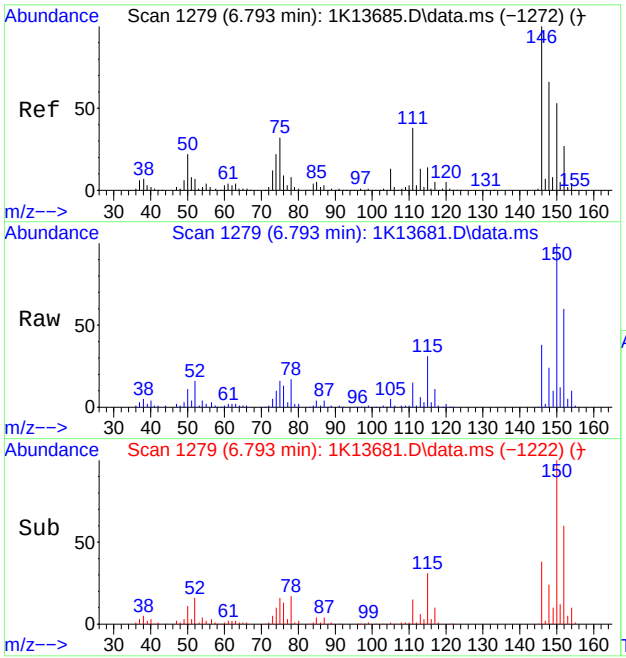


#110
p-isopropyltoluene
Concen: 8.52 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:119 Resp: 126986

Ion	Ratio	Lower	Upper
119	100		
134	28.3	0.0	57.5
91	23.3	0.0	53.9

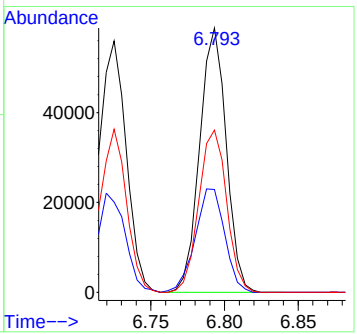


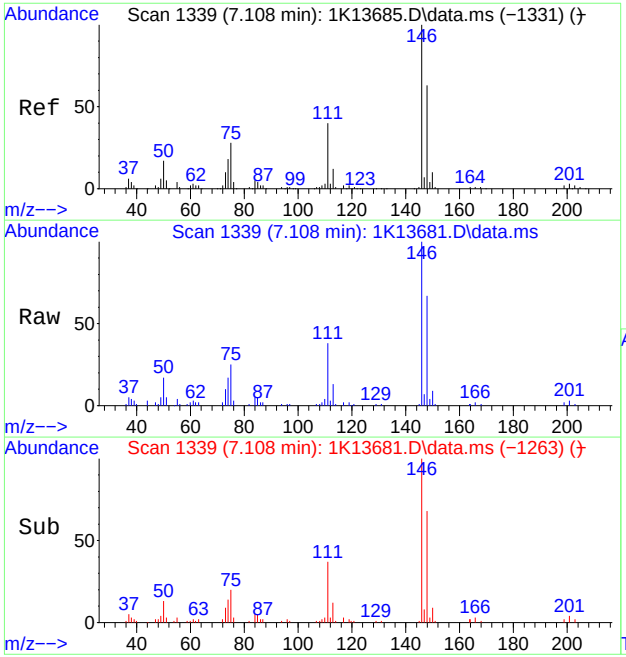


#111
1,4-dichlorobenzene
Concen: 8.06 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:146 Resp: 73732

Ion	Ratio	Lower	Upper
146	100		
111	39.0	7.8	67.8
148	61.4	35.5	95.5

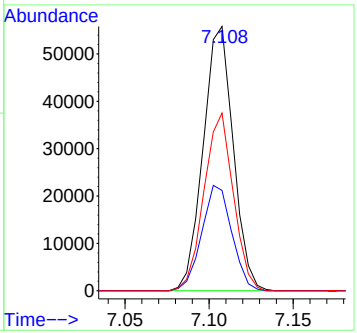


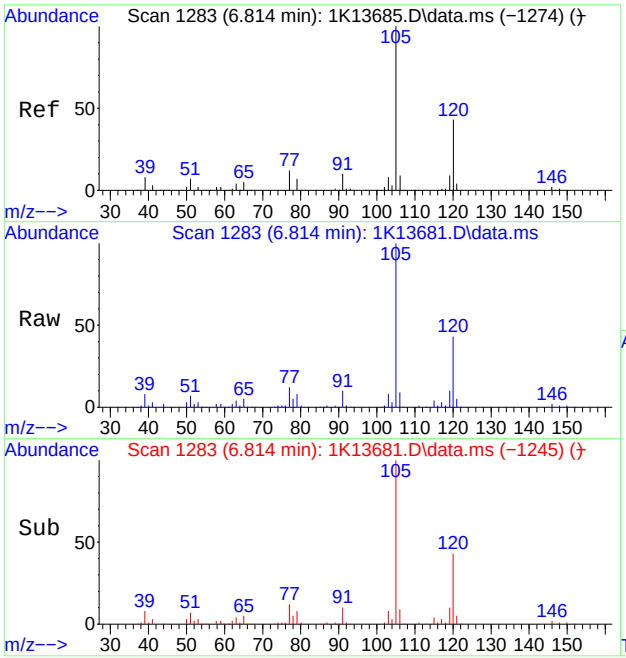


#112
1,2-dichlorobenzene
Concen: 8.14 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:146 Resp: 69485

Ion	Ratio	Lower	Upper
146	100		
111	38.0	9.5	69.5
148	67.2	32.9	92.9

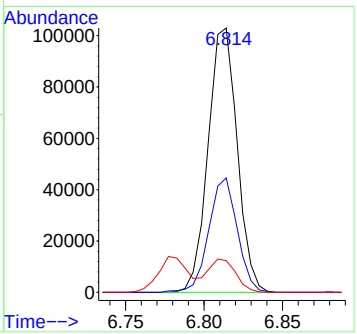


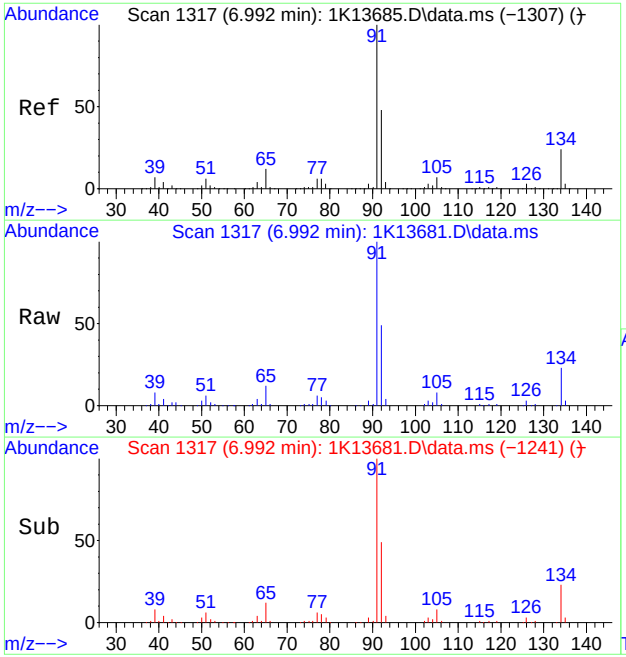


#113
1,2,3-trimethylbenzene
Concen: 8.19 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:105 Resp: 132801

Ion	Ratio	Lower	Upper
105	100		
120	43.3	13.3	73.3
77	12.0	0.0	42.2

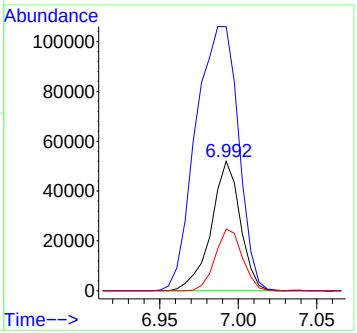


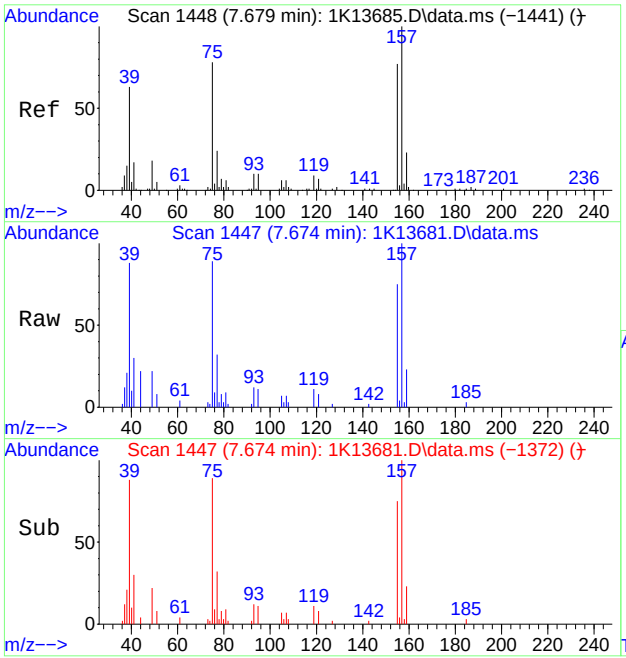


#114
n-butylbenzene
Concen: 8.40 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion: 92 Resp: 67089

Ion	Ratio	Lower	Upper
92	100		
91	203.7	176.9	236.9
134	47.6	18.8	78.8

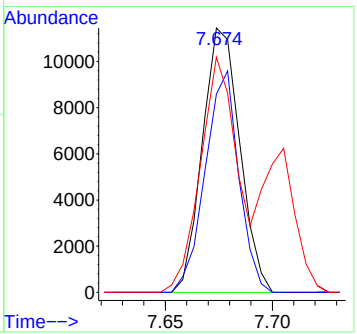


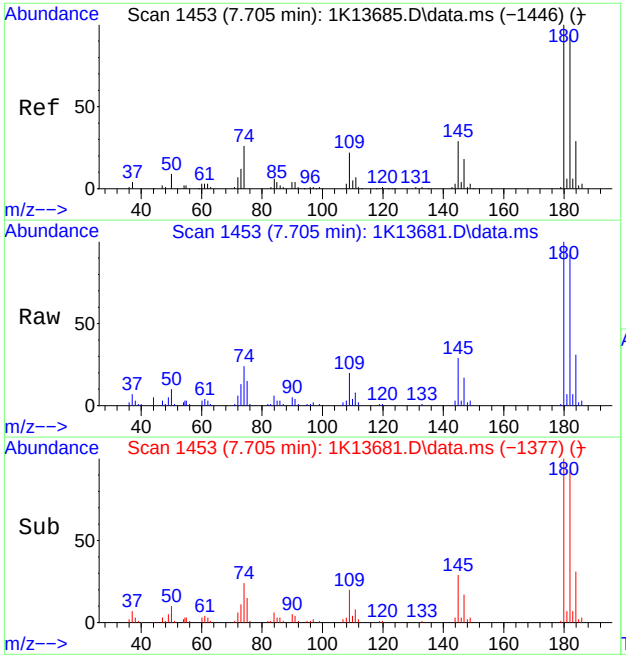


#115
1,2-dibromo-3-chloropropane
Concen: 8.32 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:157 Resp: 13933

Ion	Ratio	Lower	Upper
157	100		
155	74.9	47.4	107.4
75	88.9	47.7	107.7

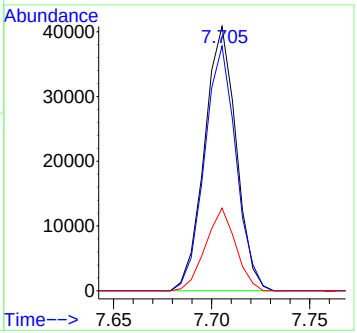


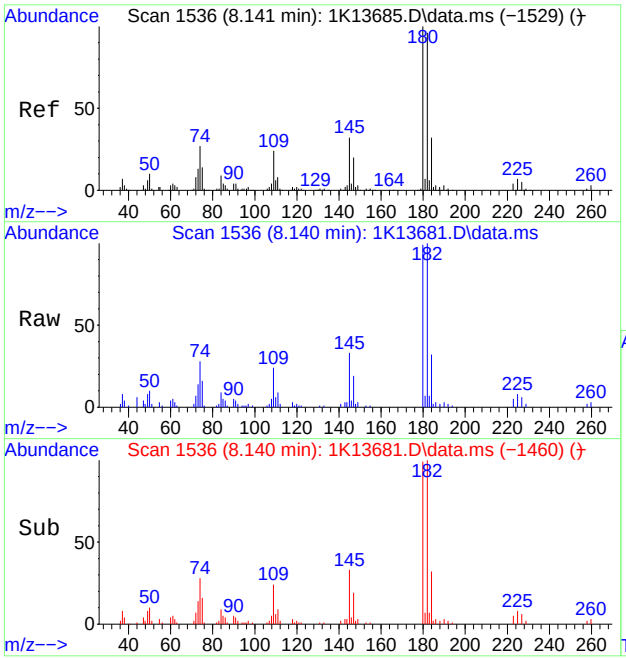


#116
1,3,5-trichlorobenzene
Concen: 8.12 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:180 Resp: 45851

Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.2	114.2
184	31.3	9.3	49.3

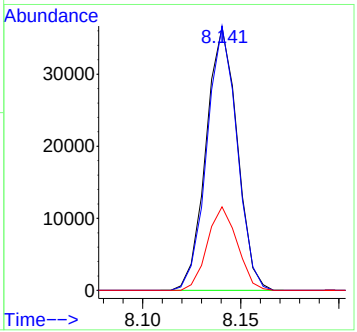


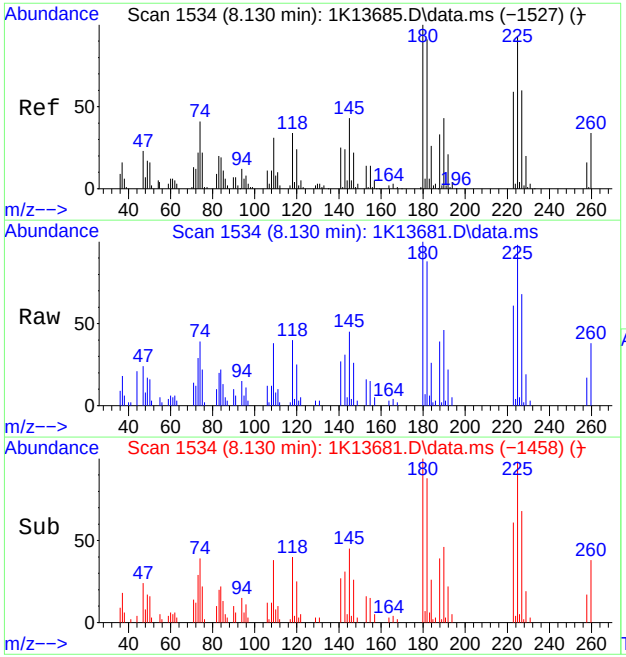


#117
1,2,4-trichlorobenzene
Concen: 7.91 ug/L
RT: 8.140 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:180 Resp: 40418

Ion	Ratio	Lower	Upper
180	100		
182	100.6	66.2	126.2
184	31.8	1.6	61.6

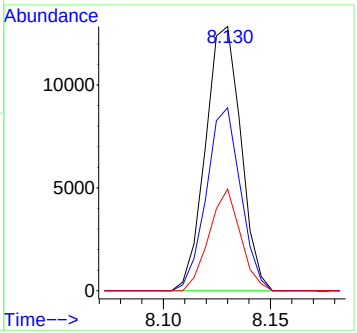


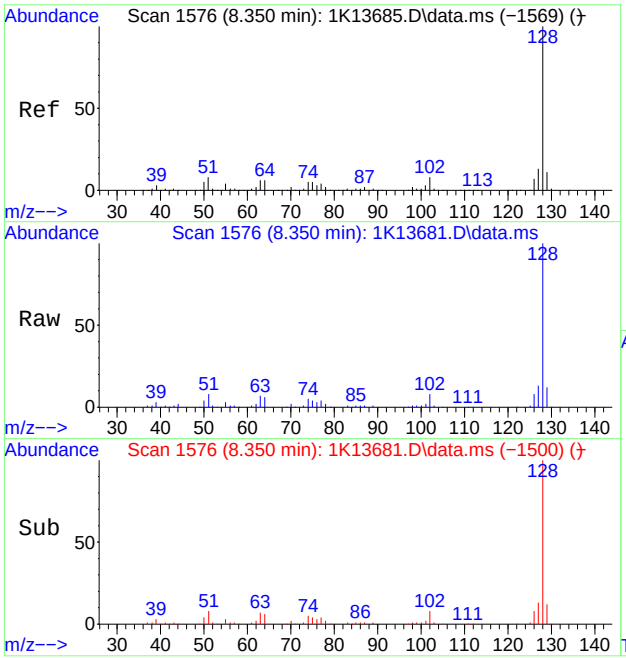


#118
hexachlorobutadiene
Concen: 8.26 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:225 Resp: 14784

Ion	Ratio	Lower	Upper
225	100		
227	69.3	34.0	94.0
260	38.5	6.4	66.4

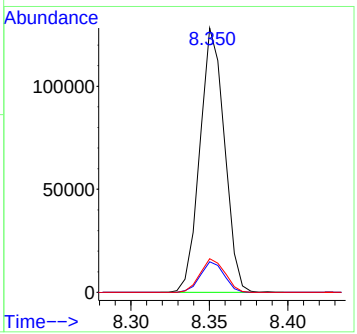


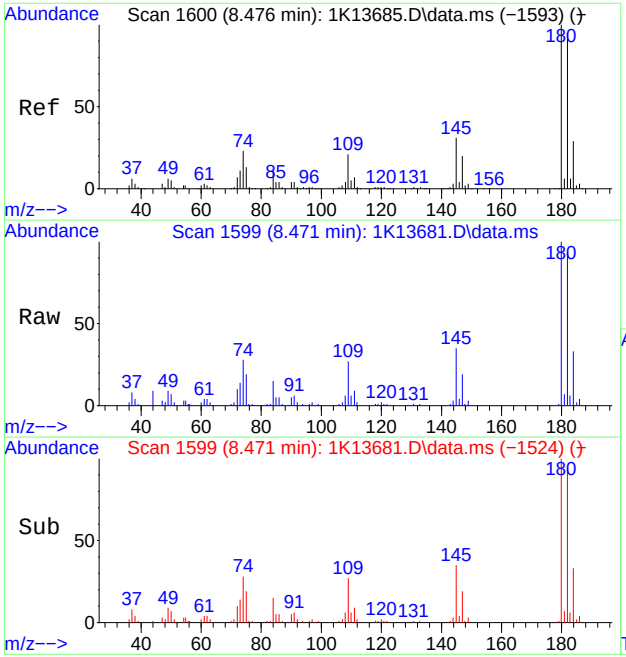


#119
naphthalene
Concen: 7.91 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:128 Resp: 139984

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	40.7
127	12.7	0.0	42.5

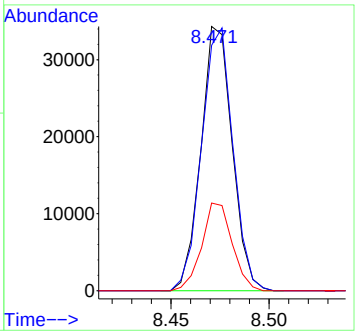


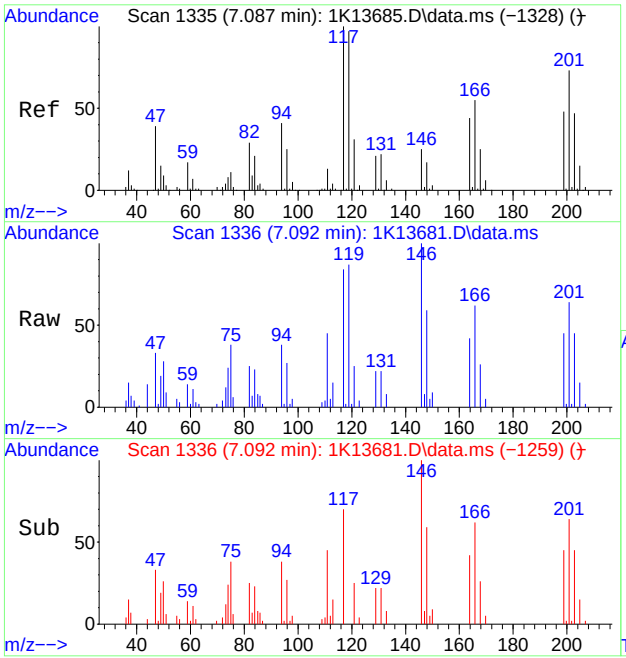


#120
1,2,3-trichlorobenzene
Concen: 8.10 ug/L
RT: 8.471 min Scan# 1599
Delta R.T. -0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:180 Resp: 38204

Ion	Ratio	Lower	Upper
180	100		
182	92.8	64.7	124.7
184	33.2	0.0	59.2

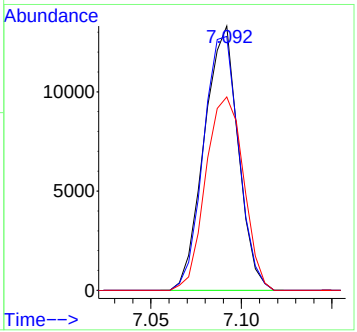


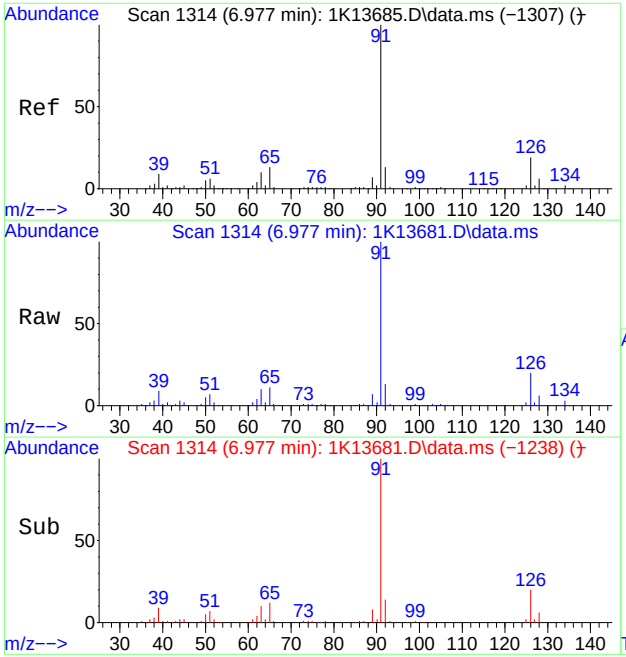


#121
hexachloroethane
Concen: 8.83 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:119 Resp: 17352

Ion	Ratio	Lower	Upper
119	100		
117	96.1	73.4	133.4
201	73.1	45.3	105.3

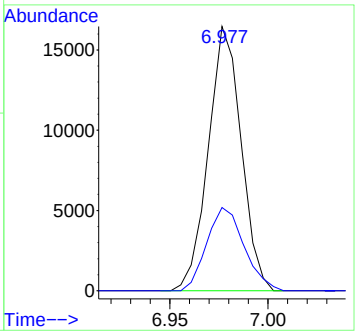


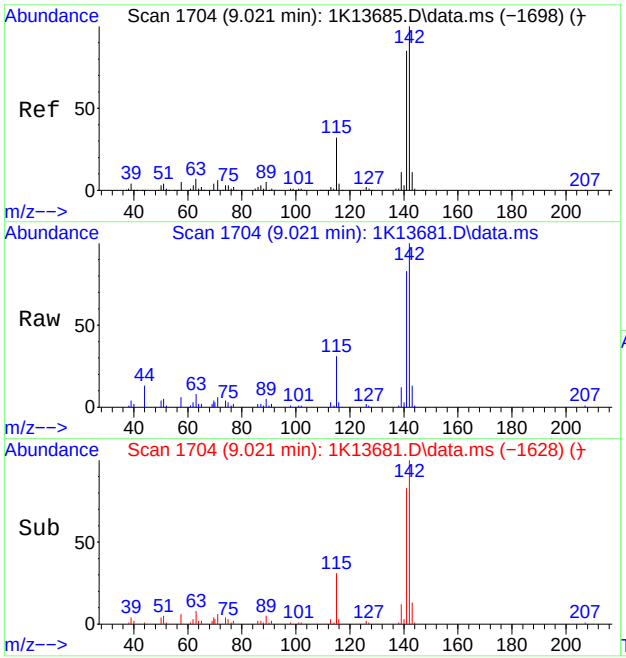


#122
benzyl chloride
Concen: 8.59 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:126 Resp: 19212

Ion	Ratio	Lower	Upper
126	100		
128	31.5	2.6	62.6

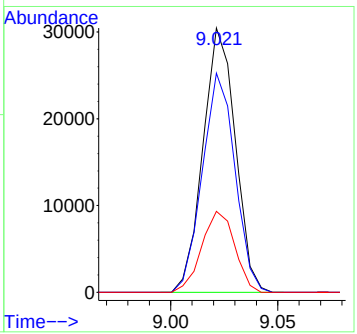




#123
2-methylnaphthalene
Concen: 4.61 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13681.D
Acq: 2 Dec 2023 4:27 pm

Tgt Ion:142 Resp: 32079

Ion	Ratio	Lower	Upper
142	100		
141	82.9	55.2	115.2
115	30.7	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13683.D
Acq On : 2 Dec 2023 5:00 pm
Operator : PrashanS
Sample : IC376-20
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 04 15:49:24 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	513993	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	490493	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.280	114	902483	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	742397	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	364950	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	490493	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	364950	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	244031	49.54	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.08%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	286061	49.02	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.04%				
73) toluene-d8 (s)	4.061	98	1025627	50.60	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.20%				
97) 4-bromofluorobenzene (s)	5.923	95	361699	50.47	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.94%				
Target Compounds							Qvalue
2) ethanol	1.676	45	218773	1759.63	ug/L		97
3) tertiary butyl alcohol	2.090	59	127862	92.93	ug/L		100
4) 1,4-dioxane	3.689	88	49824	466.10	ug/L		92
6) chlorodifluoromethane	1.115	51	116074	18.23	ug/L		94
7) dichlorodifluoromethane	1.094	85	80001	20.97	ug/L		99
8) chloromethane	1.199	50	81233	19.02	ug/L		99
9) vinyl chloride	1.230	62	98443	20.39	ug/L		97
10) 1,3-butadiene	1.230	39	88769	16.75	ug/L		98
11) bromomethane	1.377	96	15762	19.04	ug/L	#	95
12) chloroethane	1.429	64	51550	17.71	ug/L		97
13) trichlorofluoromethane	1.492	101	113518	19.73	ug/L		97
14) ethyl ether	1.613	74	47512	19.62	ug/L		96
15) acrolein	1.859	56	21341	18.77	ug/L		88
16) freon 113	1.728	151	60776	20.03	ug/L		96
17) 1,1-dichloroethene	1.718	61	115876	19.47	ug/L		96
18) acetone	1.980	58	71172	73.90	ug/L		97
19) acetonitrile	2.195	41	168861	196.27	ug/L		99
20) iodomethane	1.796	142	45887	24.68	ug/L		96
21) carbon disulfide	1.749	76	215544	18.87	ug/L		99
22) methylene chloride	1.975	84	80131	18.48	ug/L		95
23) methyl acetate	2.022	74	20660	19.65	ug/L		89
24) methyl tert butyl ether	2.074	73	237960	19.14	ug/L		96
25) trans-1,2-dichloroethene	2.038	96	77295	19.22	ug/L		98
26) hexane	2.069	57	202323	19.12	ug/L		98
27) di-isopropyl ether	2.232	45	260951	19.76	ug/L		99
28) ethyl tert-butyl ether	2.399	59	277704	20.14	ug/L		98
29) 2-butanone	2.819	72	82538	81.86	ug/L		97
30) 1,1-dichloroethane	2.315	63	155406	19.93	ug/L		97
31) chloroprene	2.300	53	150147	20.53	ug/L		99
32) acrylonitrile	2.331	52	42936	20.39	ug/L		98
33) vinyl acetate	2.405	86	18970	19.92	ug/L		96
34) ethyl acetate	2.714	70	12662	19.49	ug/L		97
35) 2,2-dichloropropane	2.614	77	122015	19.11	ug/L		98
36) cis-1,2-dichloroethene	2.562	96	84403	18.64	ug/L		96
37) propionitrile	2.976	54	245824	190.28	ug/L		97
38) methyl acrylate	2.730	85	22233	20.17	ug/L		95
39) bromochloromethane	2.656	128	38842	19.56	ug/L		96
40) tetrahydrofuran	2.761	71	18276	19.16	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13683.D
Acq On : 2 Dec 2023 5:00 pm
Operator : PrashanS
Sample : IC376-20
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 04 15:49:24 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	47900	18.46	ug/L		99
43) methacrylonitrile	2.987	67	49765	17.82	ug/L		89
44) 1,1,1-trichloroethane	2.798	97	126373	19.65	ug/L		96
45) cyclohexane	2.672	84	142803	20.12	ug/L		99
46) 1,1-dichloropropene	2.850	75	117691	20.49	ug/L		99
47) carbon tetrachloride	2.766	117	103473	18.06	ug/L		96
48) isobutyl alcohol	3.029	43	178355	200.65	ug/L	#	43
49) tert-amyl alcohol	3.091	55	42975	99.73	ug/L		97
52) iso-octane	2.897	57	256753	18.89	ug/L		100
53) benzene	2.976	78	341016	19.21	ug/L		99
54) tert-amyl methyl ether	3.013	73	252831	18.81	ug/L		99
55) heptane	2.939	57	50494	20.28	ug/L		92
56) isopropyl acetate	3.165	87	25327	20.64	ug/L		97
57) 1,2-dichloroethane	3.076	62	114464	17.60	ug/L		99
58) n-butyl alcohol	3.401	56	344195	1029.43	ug/L		99
59) ethyl acrylate	3.532	55	153818	20.01	ug/L		100
60) trichloroethene	3.275	130	86525	19.45	ug/L		99
61) 2-nitropropane	4.224	41	40833	18.19	ug/L		98
62) 2-chloroethyl vinyl ether	3.894	63	231132	118.41	ug/L		98
63) methyl methacrylate	3.652	100	28012	20.41	ug/L		88
64) 1,2-dichloropropane	3.558	63	88879	19.73	ug/L		98
65) methylcyclohexane	3.280	98	66555	19.53	ug/L	#	92
66) dibromomethane	3.500	93	49073	18.77	ug/L		95
67) bromodichloromethane	3.584	83	101380	18.37	ug/L		93
68) epichlorohydrin	4.088	57	87974	96.46	ug/L		97
69) cis-1,3-dichloropropene	3.946	75	139274	20.49	ug/L		100
70) 4-methyl-2-pentanone	4.308	58	205230	81.98	ug/L		98
71) 3-methyl-1-butanol	4.161	70	113722	425.67	ug/L		96
74) toluene	4.093	92	203834	19.10	ug/L		99
75) ethyl methacrylate	4.428	69	117998	20.07	ug/L		93
76) trans-1,3-dichloropropene	4.339	75	128349	20.31	ug/L		98
77) 1,1,2-trichloroethane	4.444	83	62326	20.40	ug/L		97
78) tetrachloroethene	4.334	166	83198	19.26	ug/L		99
79) 2-hexanone	4.848	58	231786	82.17	ug/L		100
80) 1,3-dichloropropane	4.622	76	133477	19.74	ug/L		98
81) butyl acetate	4.780	56	76594	20.02	ug/L		98
82) dibromochloromethane	4.559	129	74365	20.37	ug/L		98
83) 1,2-dibromoethane	4.722	107	76792	19.82	ug/L		97
84) n-butyl ether	4.989	57	409939	20.50	ug/L		98
85) chlorobenzene	5.073	112	217892	19.30	ug/L		98
86) 1,1,1,2-tetrachloroethane	5.110	131	74066	20.85	ug/L		96
87) ethylbenzene	5.084	91	397950	18.48	ug/L		99
88) m,p-xylene	5.183	106	311381	39.44	ug/L		99
89) o-xylene	5.487	106	147541	19.84	ug/L		98
90) styrene	5.524	104	245048	20.11	ug/L		98
91) bromoform	5.545	173	53631	21.62	ug/L		97
92) butyl acrylate	5.613	55	206873	20.70	ug/L		99
93) isopropylbenzene	5.718	105	355398	20.08	ug/L		100
94) n-amyl acetate	5.802	70	73999	20.49	ug/L		99
95) cis-1,4-dichloro-2-butene	5.970	88	42931	20.81	ug/L		95
98) bromobenzene	6.007	156	91509	19.56	ug/L		100
99) 1,1,2,2-tetrachloroethane	6.075	83	107054	20.61	ug/L		98
100) trans-1,4-dichloro-2-b...	6.206	53	42497	20.20	ug/L		95
101) 1,2,3-trichloropropane	6.174	110	35546	20.40	ug/L		96
102) n-propylbenzene	6.022	91	440596	19.69	ug/L		99
103) 2-chlorotoluene	6.143	126	86207	19.79	ug/L		98
104) 4-chlorotoluene	6.269	91	277362	19.52	ug/L		97
105) 1,3,5-trimethylbenzene	6.174	105	307031	20.15	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13683.D
Acq On : 2 Dec 2023 5:00 pm
Operator : PrashanS
Sample : IC376-20
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 04 15:49:24 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

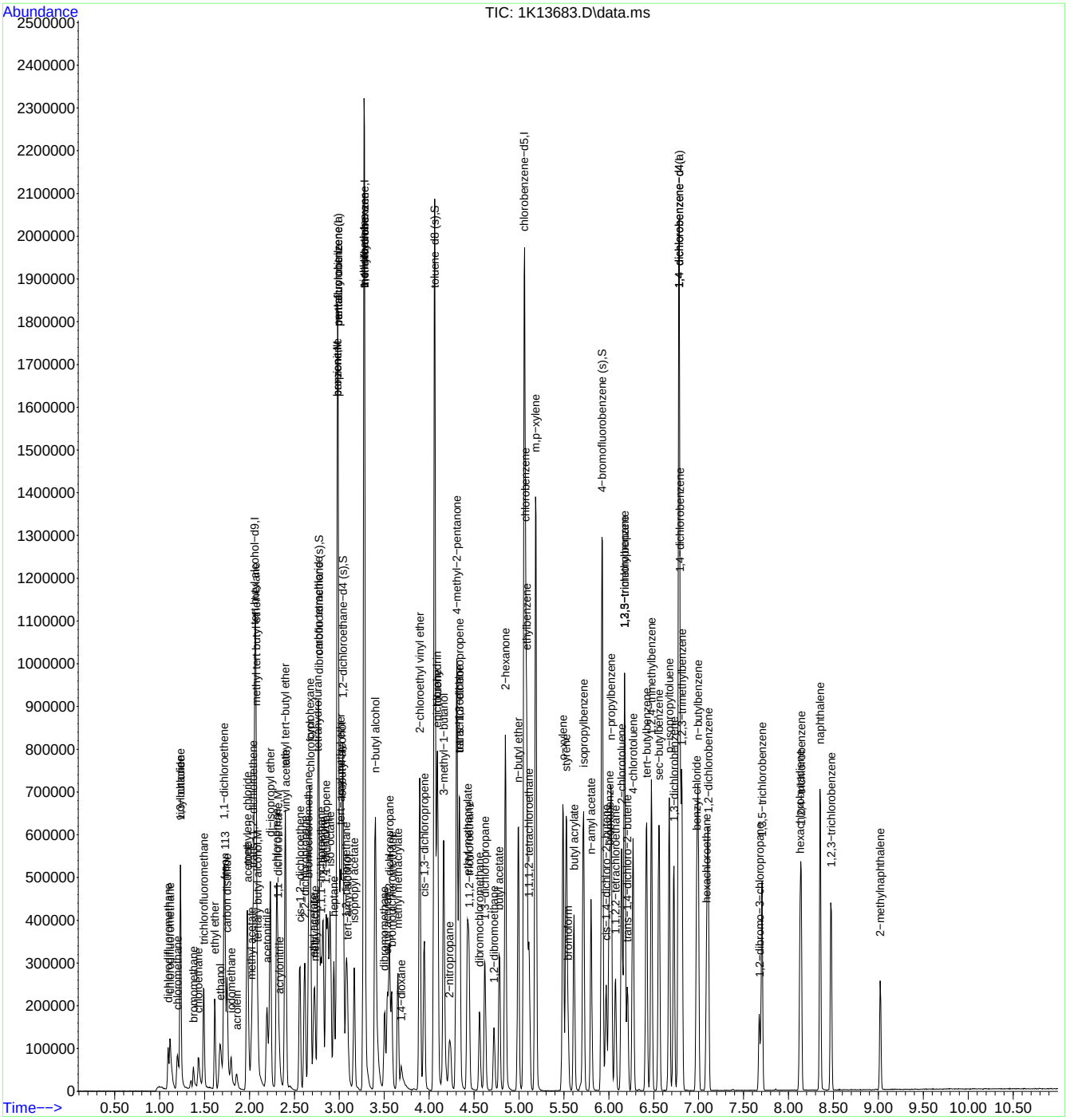
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	255074	19.95	ug/L	97
107) 1,2,4-trimethylbenzene	6.473	105	322527	20.50	ug/L	98
108) sec-butylbenzene	6.557	105	363167	20.22	ug/L	99
109) 1,3-dichlorobenzene	6.725	146	176575	19.48	ug/L	98
110) p-isopropyltoluene	6.672	119	309294	20.42	ug/L	99
111) 1,4-dichlorobenzene	6.793	146	176053	19.10	ug/L	97
112) 1,2-dichlorobenzene	7.108	146	165812	19.25	ug/L	99
113) 1,2,3-trimethylbenzene	6.814	105	320547	19.58	ug/L	100
114) n-butylbenzene	6.992	92	162823	20.11	ug/L	98
115) 1,2-dibromo-3-chloropr...	7.679	157	34867	20.54	ug/L	99
116) 1,3,5-trichlorobenzene	7.705	180	110198	19.35	ug/L	98
117) 1,2,4-trichlorobenzene	8.140	180	100823	19.64	ug/L	99
118) hexachlorobutadiene	8.130	225	35567	19.63	ug/L	97
119) naphthalene	8.350	128	351080	19.75	ug/L	99
120) 1,2,3-trichlorobenzene	8.476	180	95574	20.09	ug/L	98
121) hexachloroethane	7.087	119	42769	21.26	ug/L	96
122) benzyl chloride	6.977	126	48599	21.28	ug/L	97
123) 2-methylnaphthalene	9.021	142	79613	11.07	ug/L	97

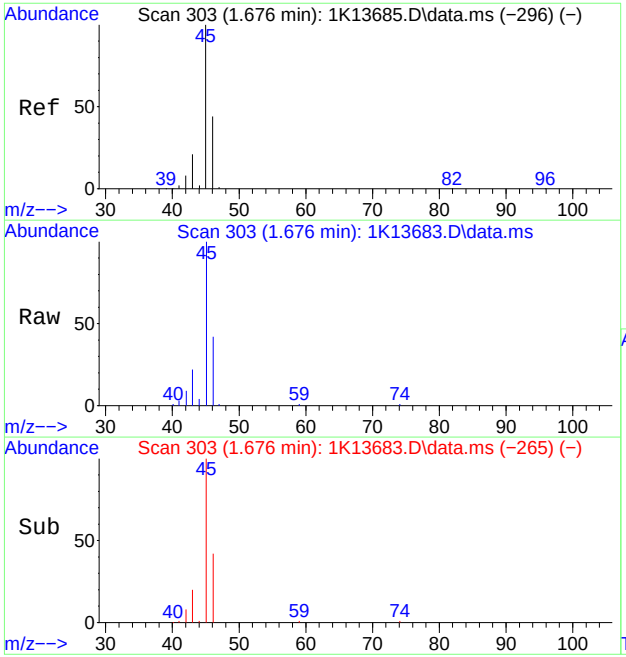
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13683.D
Acq On : 2 Dec 2023 5:00 pm
Operator : PrashanS
Sample : IC376-20
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 04 15:49:24 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

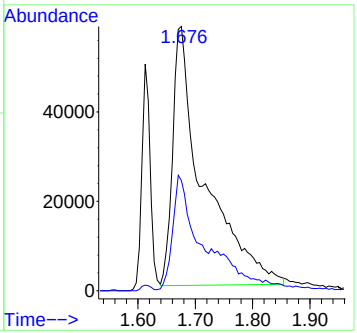


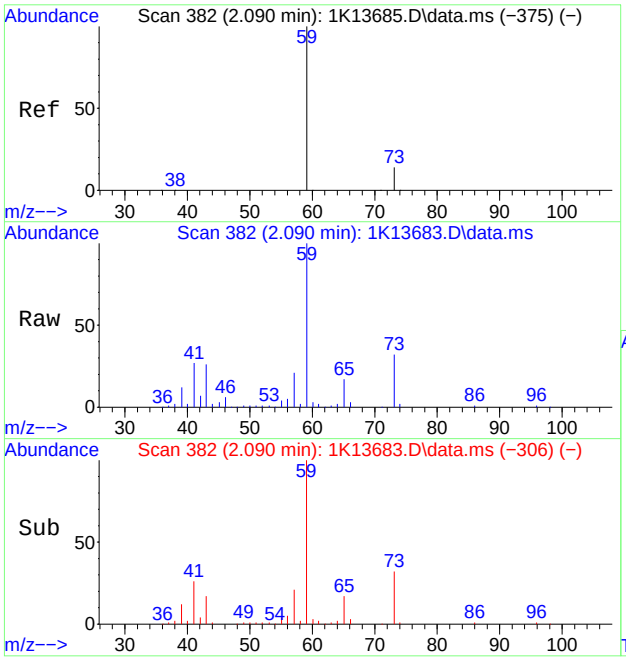


#2
ethanol
Concen: 1759.63 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 45 Resp: 218773

Ion	Ratio	Lower	Upper
45	100		
46	41.9	23.9	63.9

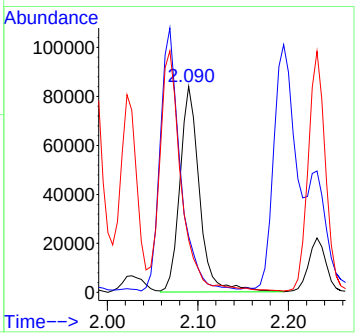


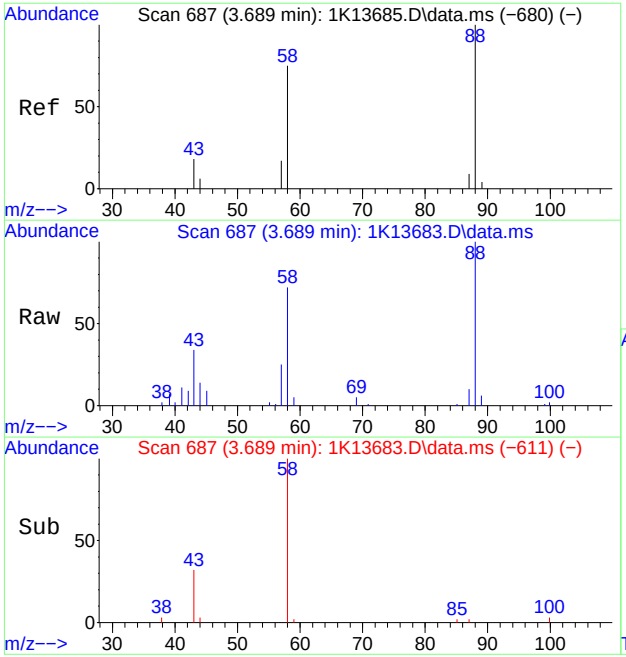


#3
tertiary butyl alcohol
Concen: 92.93 ug/L
RT: 2.090 min Scan# 382
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 59 Resp: 127862

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	24.9	0.0	54.8

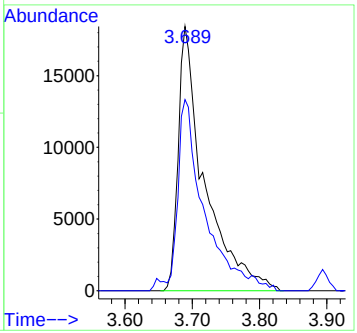


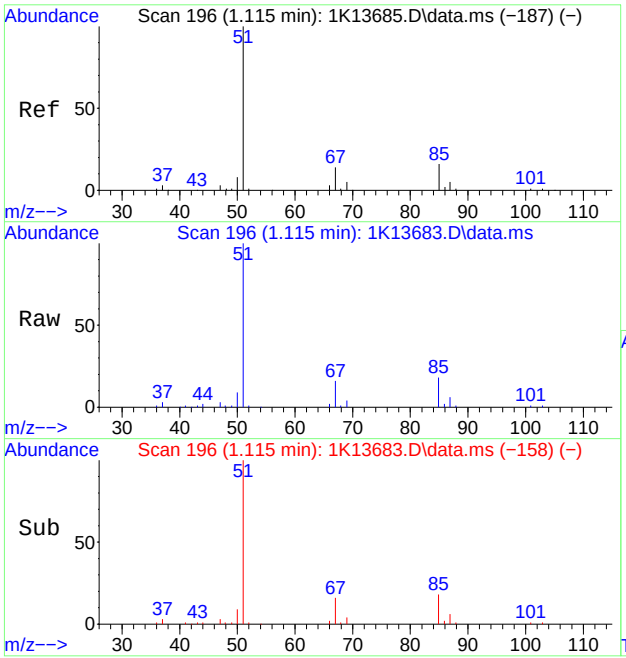


#4
1,4-dioxane
Concen: 466.10 ug/L
RT: 3.689 min Scan# 687
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 88 Resp: 49824

Ion	Ratio	Lower	Upper
88	100		
58	72.3	59.5	99.5

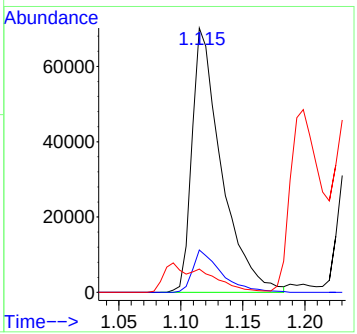


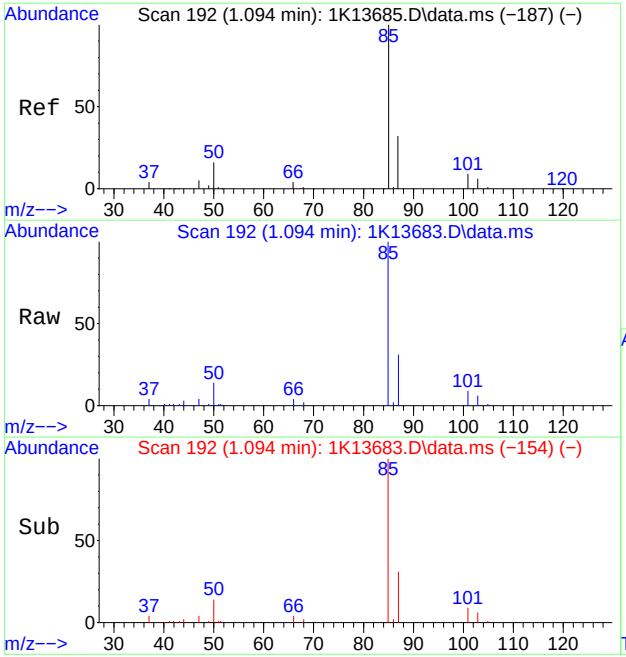


#6
chlorodifluoromethane
Concen: 18.23 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 51 Resp: 116074

Ion	Ratio	Lower	Upper
51	100		
67	16.0	0.0	44.3
50	4.8	0.0	37.7

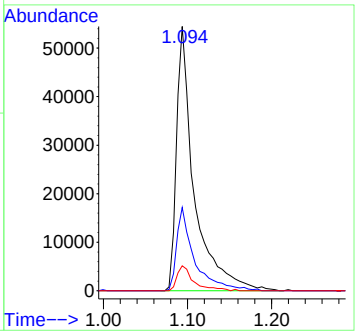


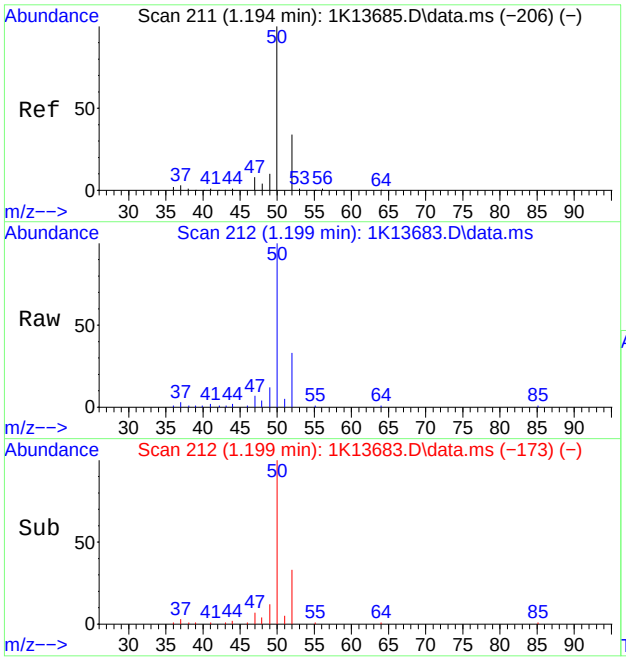


#7
dichlorodifluoromethane
Concen: 20.97 ug/L
RT: 1.094 min Scan# 192
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 85 Resp: 80001

Ion	Ratio	Lower	Upper
85	100		
87	31.5	2.2	62.2
101	9.5	0.0	39.0

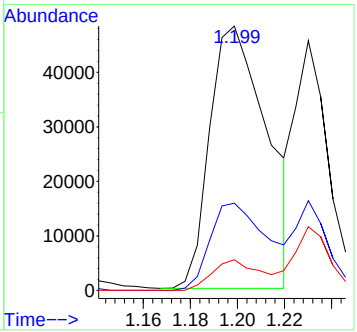


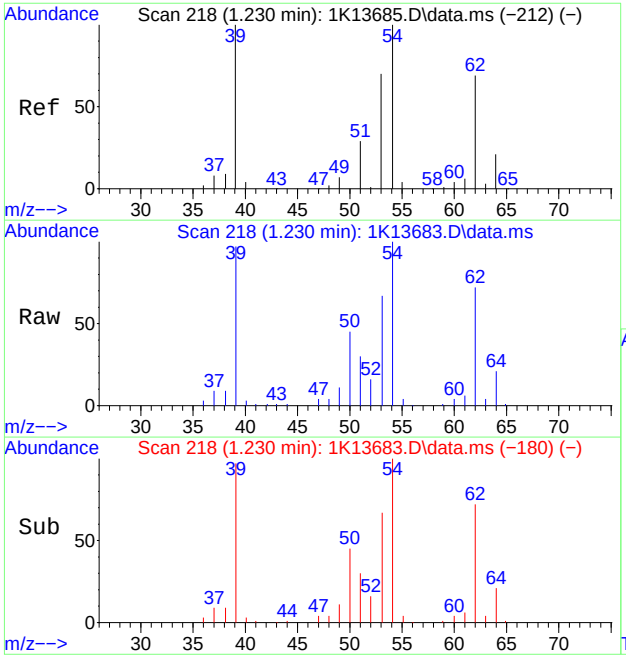


#8
chloromethane
Concen: 19.02 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 50 Resp: 81233

Ion	Ratio	Lower	Upper
50	100		
52	33.2	3.6	63.6
49	11.6	0.0	40.4

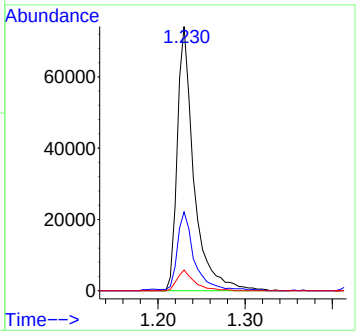


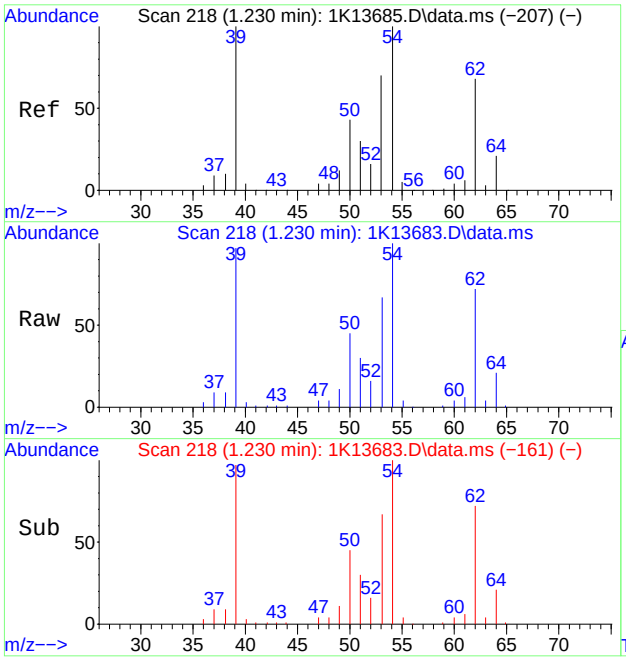


#9
vinyl chloride
Concen: 20.39 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 62 Resp: 98443

Ion	Ratio	Lower	Upper
62	100		
64	29.8	1.3	61.3
61	7.9	0.0	39.1

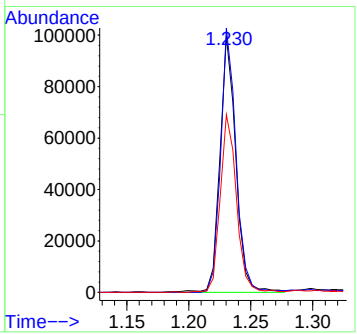


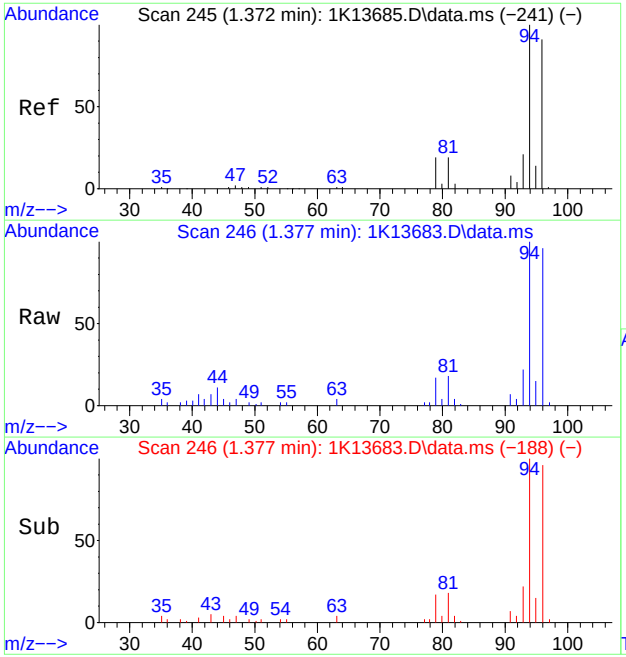


#10
1,3-butadiene
Concen: 16.75 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 39 Resp: 88769

Ion	Ratio	Lower	Upper
39	100		
54	103.3	69.8	129.8
53	69.4	40.1	100.1

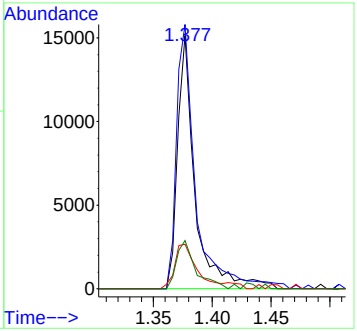


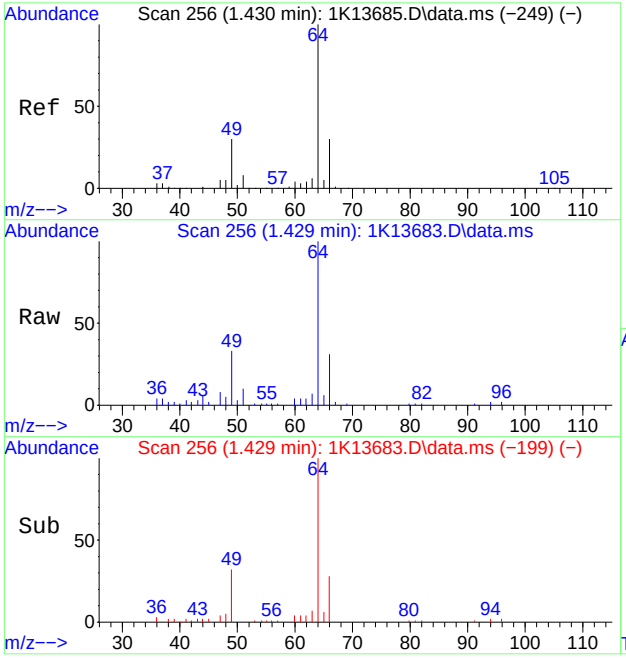


#11
bromomethane
Concen: 19.04 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 96 Resp: 15762

Ion	Ratio	Lower	Upper
96	100		
94	104.3	79.4	139.4
79	17.6	20.3	20.3#
81	19.0	0.9	40.9

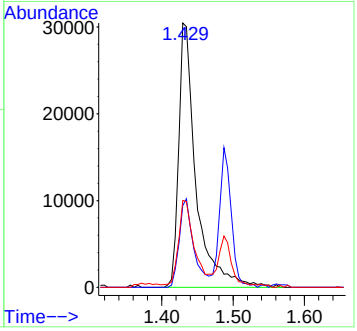


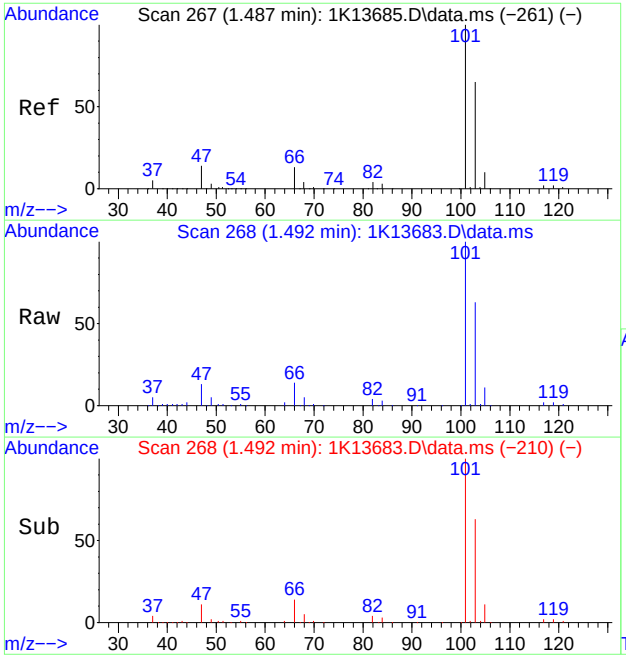


#12
chloroethane
Concen: 17.71 ug/L
RT: 1.429 min Scan# 256
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 64 Resp: 51550

Ion	Ratio	Lower	Upper
64	100		
66	30.9	0.2	60.2
49	32.8	0.3	60.3

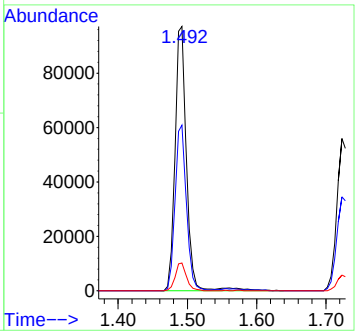


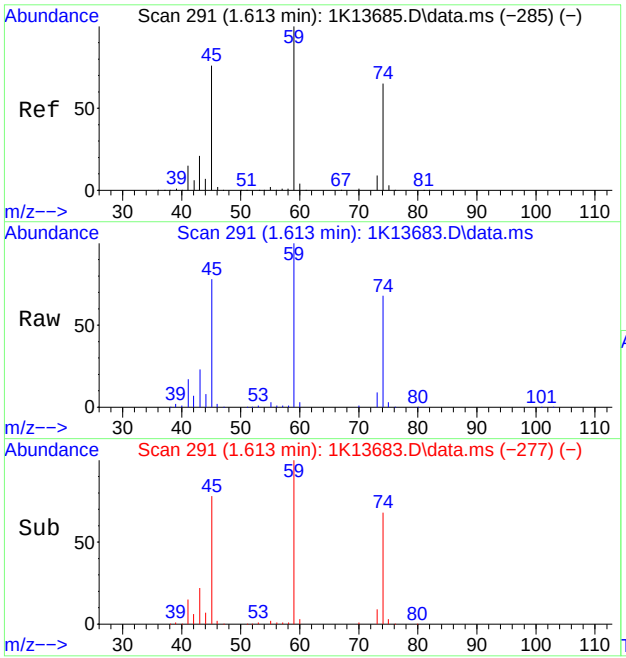


#13
trichlorofluoromethane
Concen: 19.73 ug/L
RT: 1.492 min Scan# 268
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:101 Resp: 113518

Ion	Ratio	Lower	Upper
101	100		
103	62.6	35.0	95.0
105	10.6	0.0	40.5

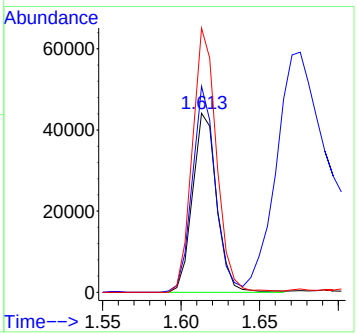


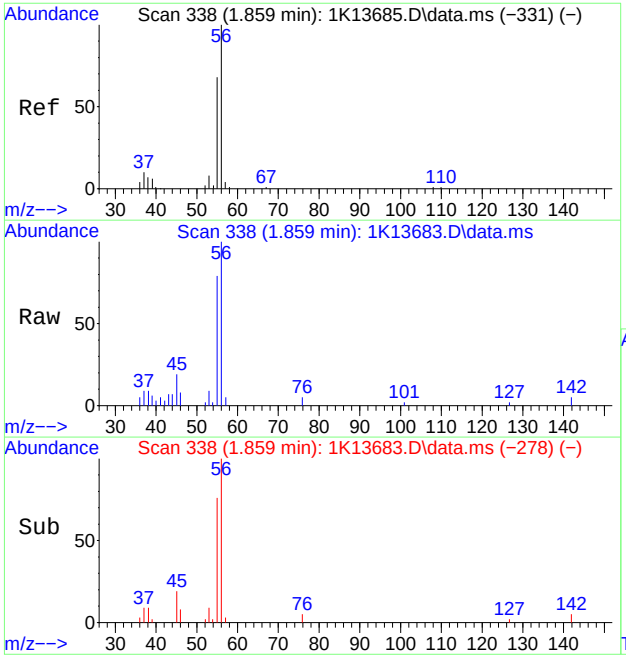


#14
ethyl ether
Concen: 19.62 ug/L
RT: 1.613 min Scan# 291
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 74 Resp: 47512

Ion	Ratio	Lower	Upper
74	100		
45	115.0	87.4	147.4
59	147.7	124.0	184.0

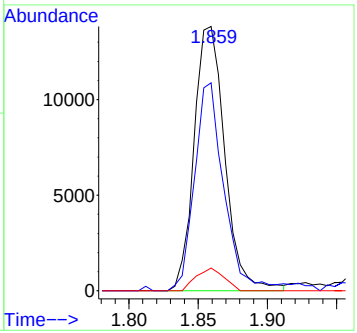


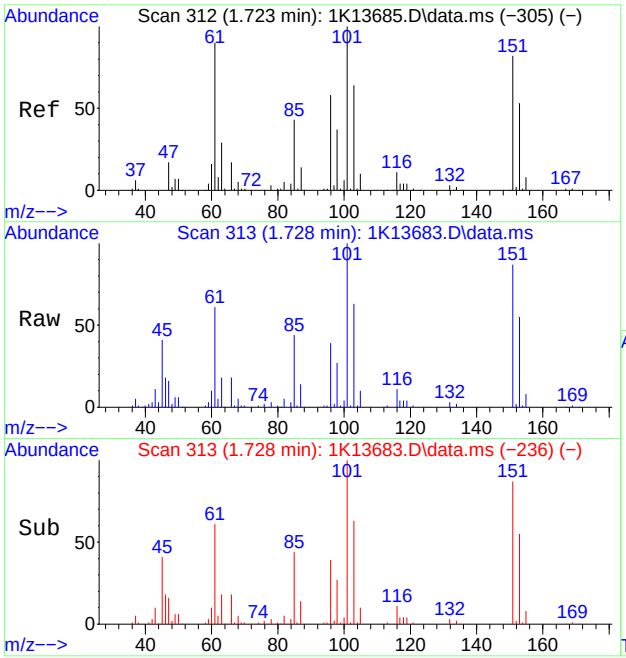


#15
acrolein
Concen: 18.77 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 56 Resp: 21341

Ion	Ratio	Lower	Upper
56	100		
55	78.7	38.3	98.3
53	8.6	0.0	38.3

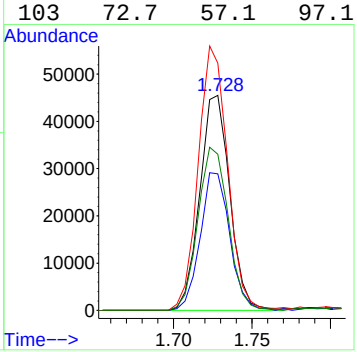


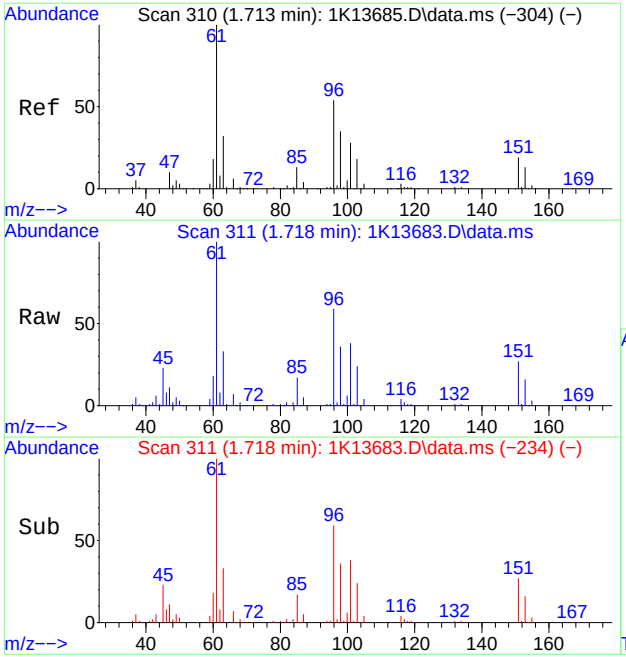


#16
freon 113
Concen: 20.03 ug/L
RT: 1.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:151 Resp: 60776

Ion	Ratio	Lower	Upper
151	100		
153	63.6	44.1	84.1
101	115.0	101.5	141.5
103	72.7	57.1	97.1

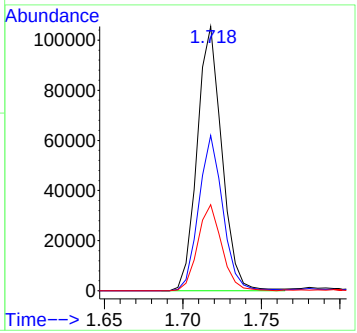


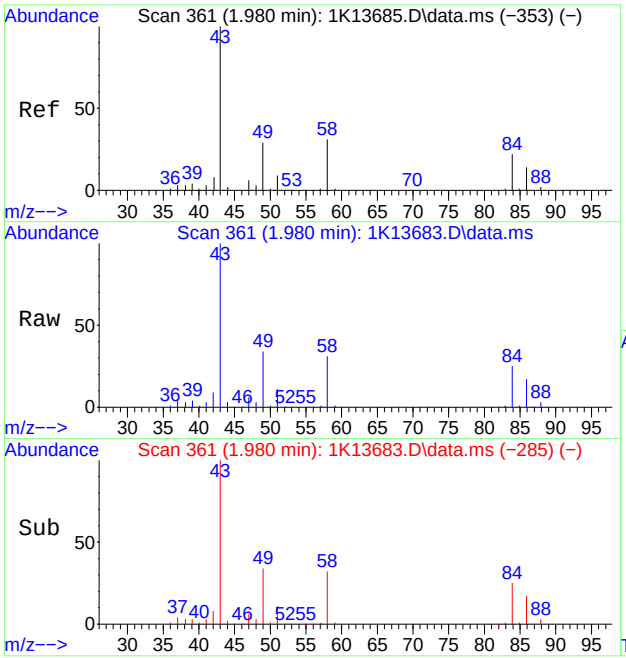


#17
1,1-dichloroethene
Concen: 19.47 ug/L
RT: 1.718 min Scan# 311
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 61 Resp: 115876

Ion	Ratio	Lower	Upper
61	100		
96	58.8	24.4	84.4
63	32.6	2.1	62.1

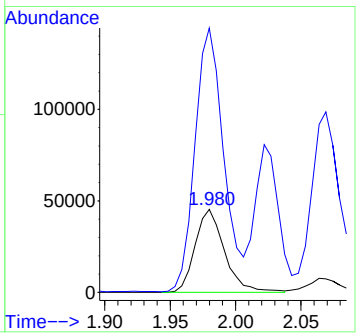


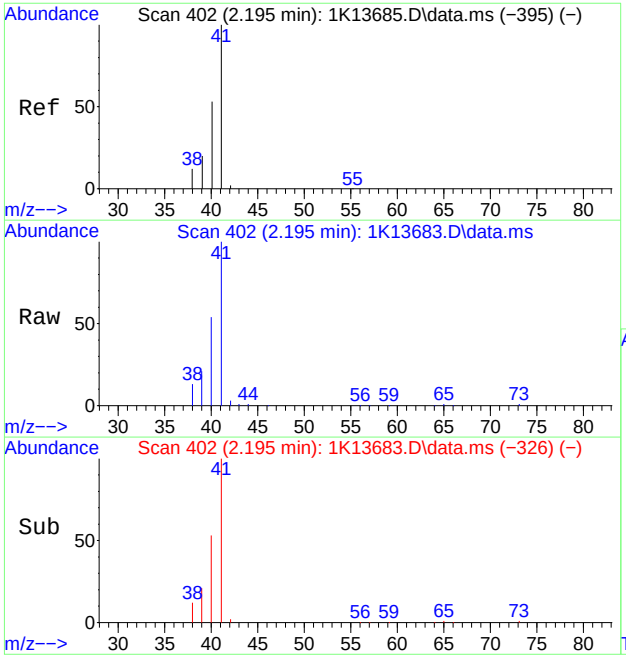


#18
acetone
Concen: 73.90 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 58 Resp: 71172

Ion	Ratio	Lower	Upper
58	100		
43	318.0	295.2	355.2

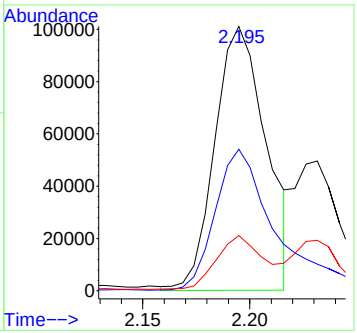


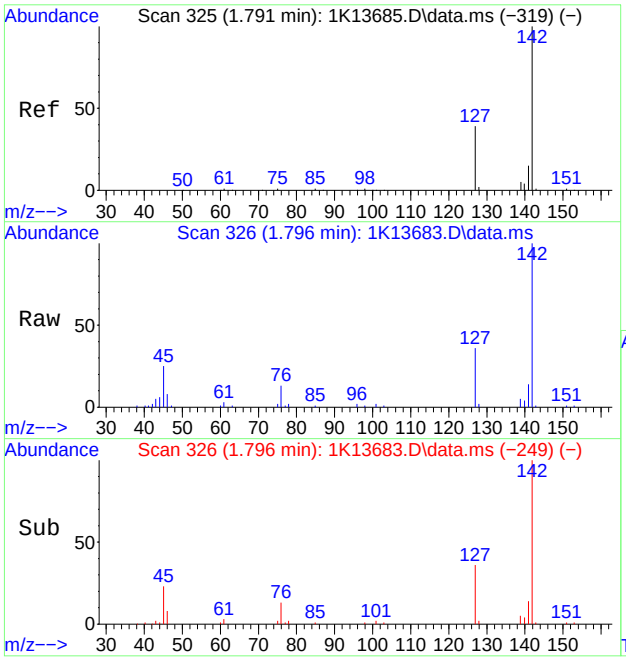


#19
acetonitrile
Concen: 196.27 ug/L
RT: 2.195 min Scan# 402
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 41 Resp: 168861

Ion	Ratio	Lower	Upper
41	100		
40	54.1	23.4	83.4
39	20.5	0.0	50.4

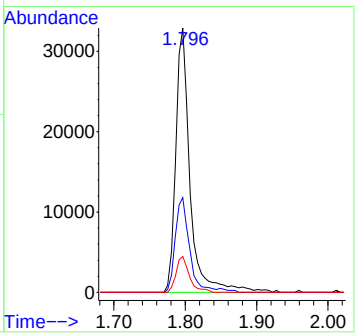


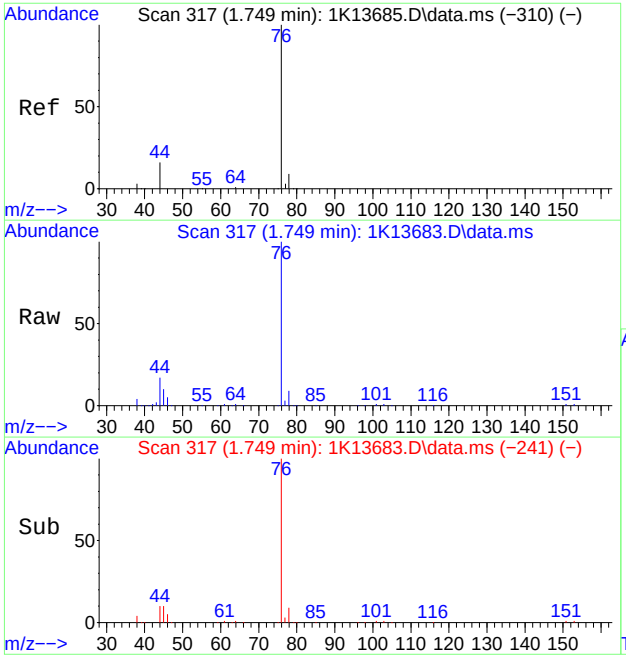


#20
iodomethane
Concen: 24.68 ug/L
RT: 1.796 min Scan# 326
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:142 Resp: 45887

Ion	Ratio	Lower	Upper
142	100		
127	35.8	8.7	68.7
141	13.6	0.0	44.9

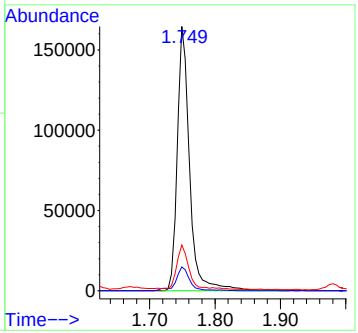


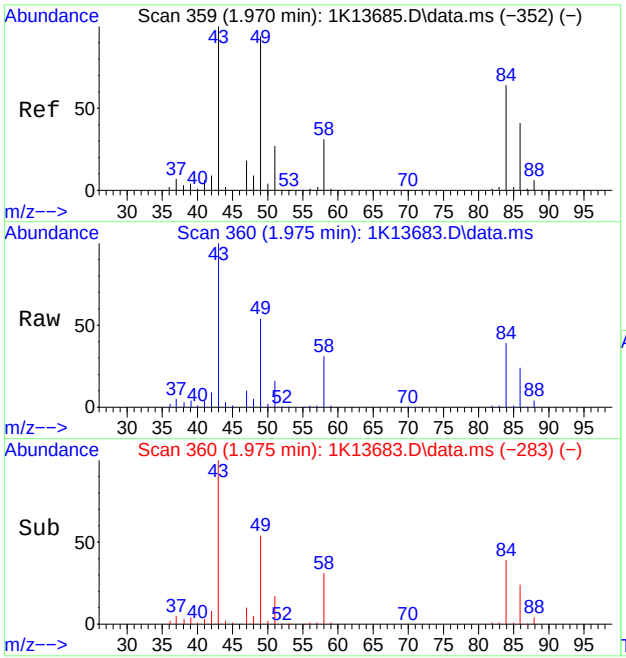


#21
carbon disulfide
Concen: 18.87 ug/L
RT: 1.749 min Scan# 317
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 76 Resp: 215544

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	39.2
44	16.9	0.0	46.4

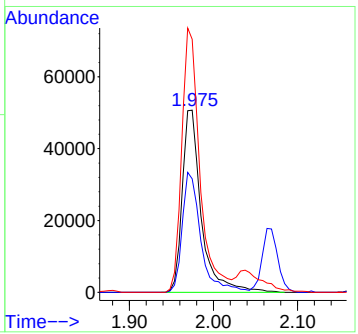


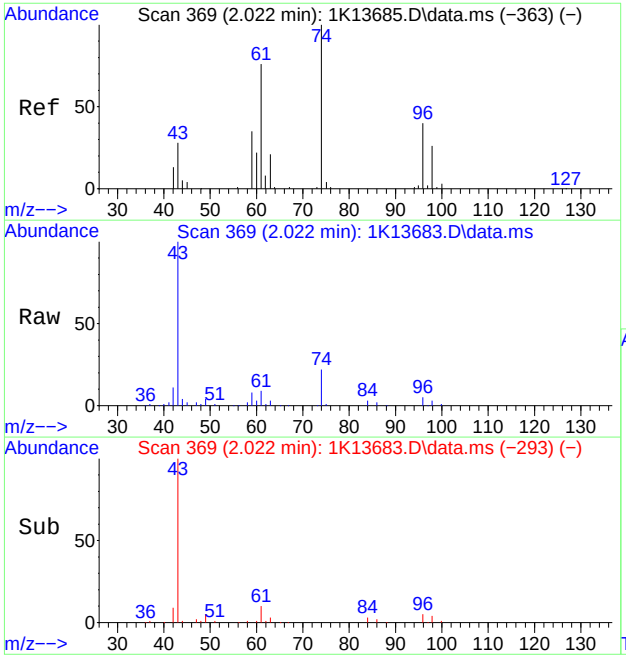


#22
methylene chloride
Concen: 18.48 ug/L
RT: 1.975 min Scan# 360
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 84 Resp: 80131

Ion	Ratio	Lower	Upper
84	100		
86	62.4	33.4	93.4
49	138.8	117.1	177.1

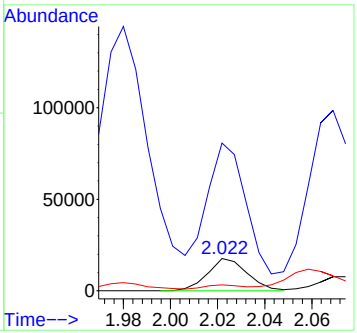


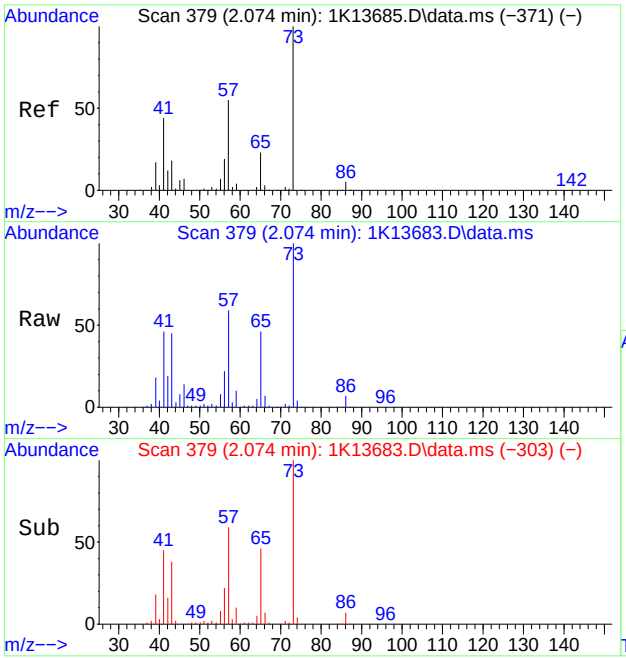


#23
methyl acetate
Concen: 19.65 ug/L
RT: 2.022 min Scan# 369
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 74 Resp: 20660

Ion	Ratio	Lower	Upper
74	100		
43	400.2	397.4	457.4
44	8.8	0.0	35.1

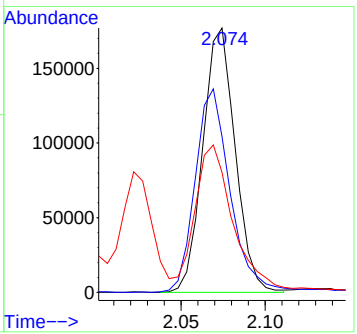


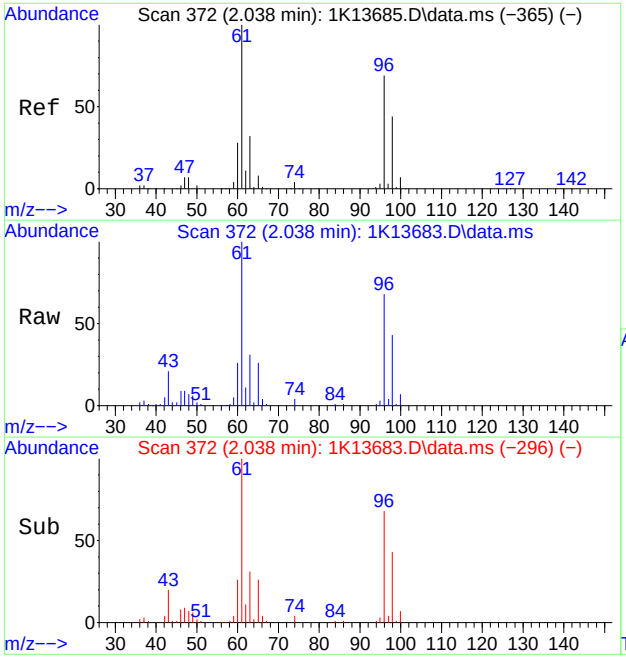


#24
methyl tert butyl ether
Concen: 19.14 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 73 Resp: 237960

Ion	Ratio	Lower	Upper
73	100		
57	58.7	25.1	85.1
43	43.4	12.1	72.1

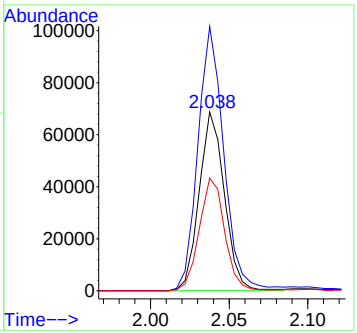


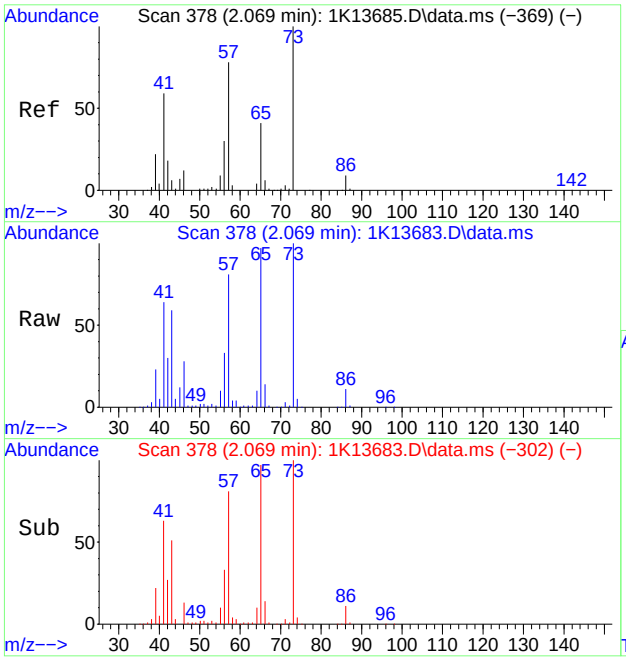


#25
trans-1,2-dichloroethene
Concen: 19.22 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 96 Resp: 77295

Ion	Ratio	Lower	Upper
96	100		
61	147.8	115.9	175.9
98	63.0	34.7	94.7

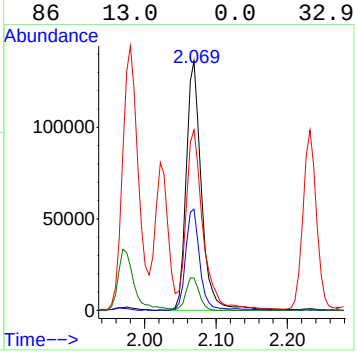


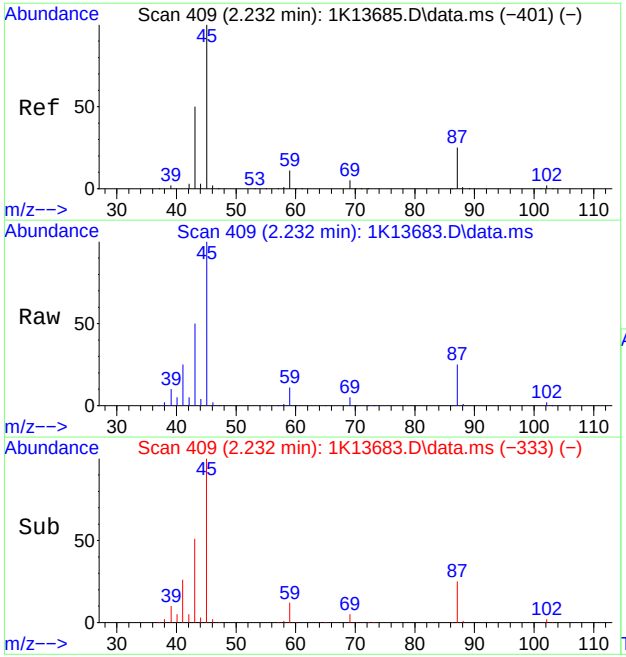


#26
hexane
Concen: 19.12 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 57 Resp: 202323

Ion	Ratio	Lower	Upper
57	100		
56	40.4	18.5	58.5
43	71.9	50.7	90.7
86	13.0	0.0	32.9

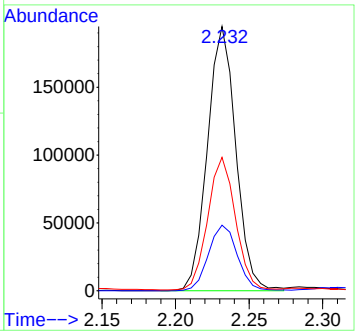


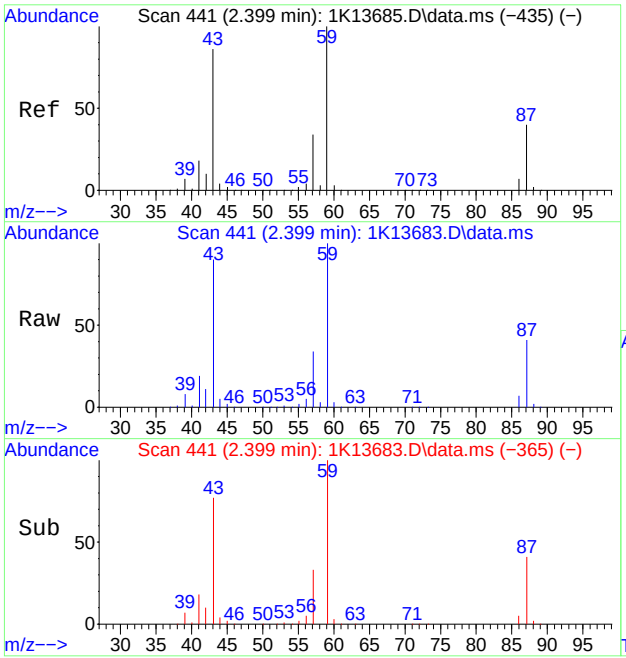


#27
di-isopropyl ether
Concen: 19.76 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 45 Resp: 260951

Ion	Ratio	Lower	Upper
45	100		
87	24.8	0.0	55.4
43	50.1	19.8	79.8

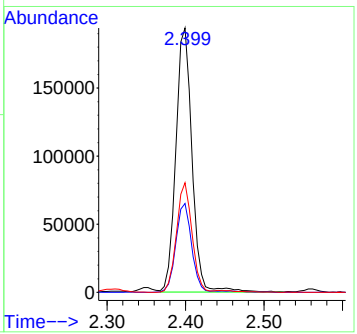


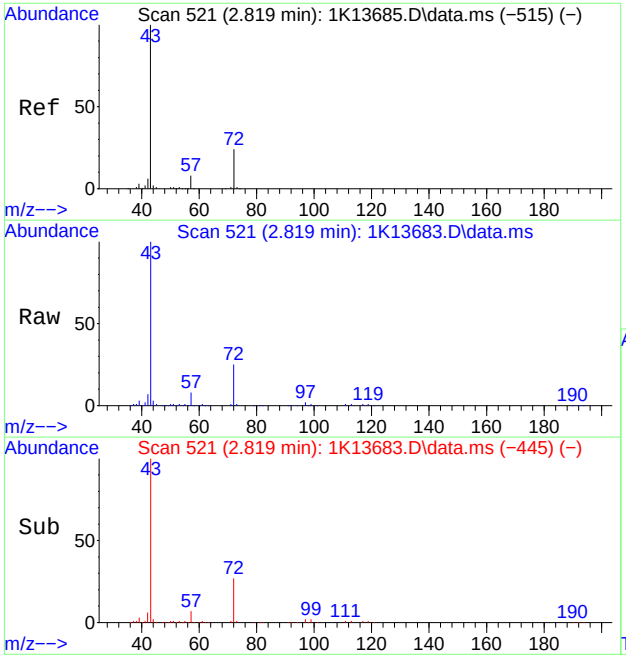


#28
ethyl tert-butyl ether
Concen: 20.14 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 59 Resp: 277704

Ion	Ratio	Lower	Upper
59	100		
57	33.7	3.4	63.4
87	41.5	9.9	69.9

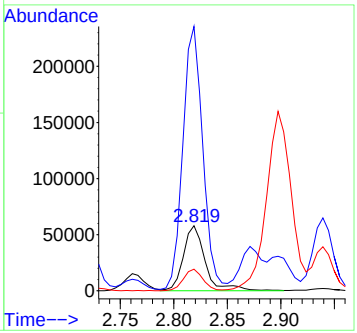


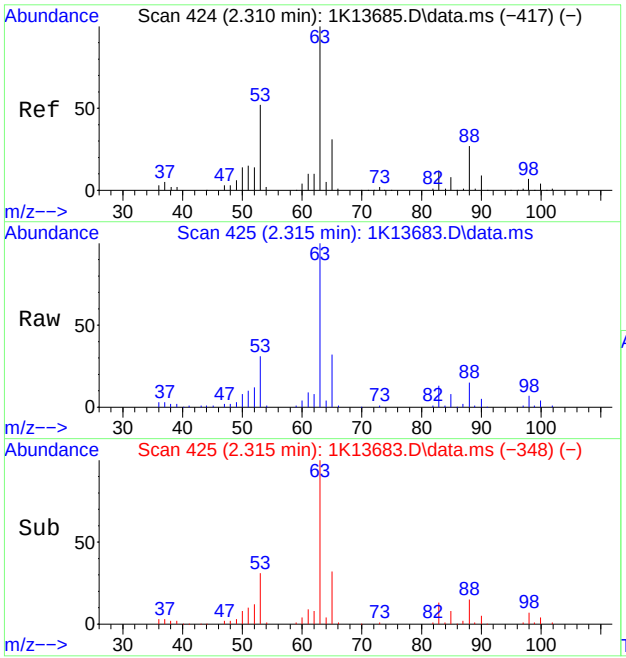


#29
2-butanone
Concen: 81.86 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 72 Resp: 82538

Ion	Ratio	Lower	Upper
72	100		
43	405.7	384.5	444.5
57	33.6	2.9	62.9

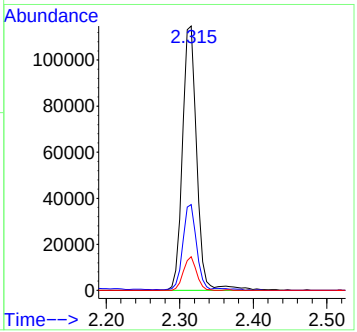


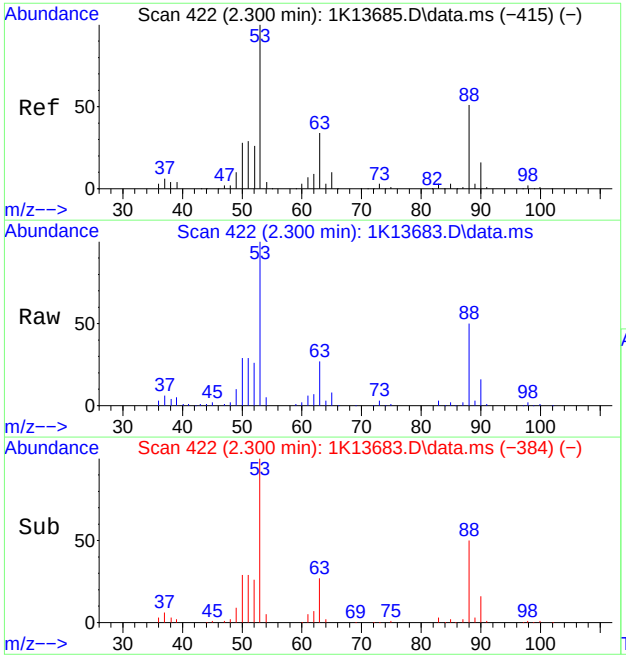


#30
1,1-dichloroethane
Concen: 19.93 ug/L
RT: 2.315 min Scan# 425
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 63 Resp: 155406

Ion	Ratio	Lower	Upper
63	100		
65	32.4	0.6	60.6
83	12.7	0.0	41.8

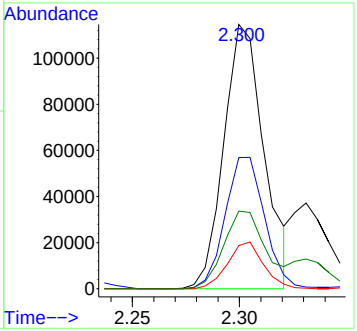


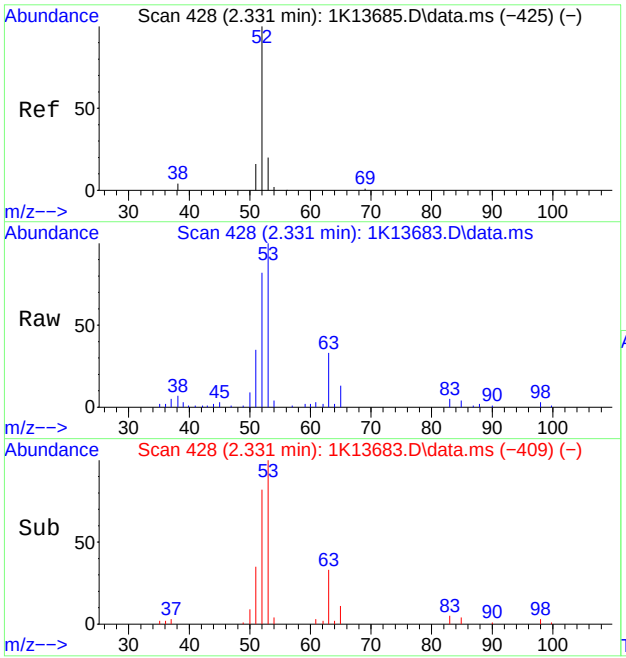


#31
chloroprene
Concen: 20.53 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 53 Resp: 150147

Ion	Ratio	Lower	Upper
53	100		
88	49.6	21.4	81.4
90	16.4	0.0	46.1
51	29.4	0.0	59.4

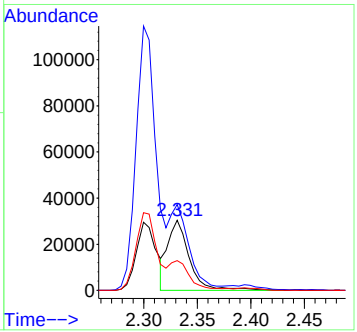


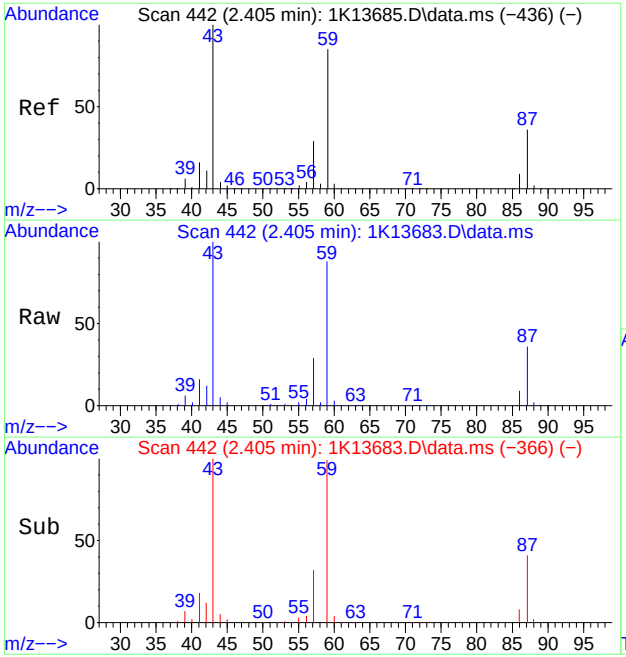


#32
acrylonitrile
Concen: 20.39 ug/L
RT: 2.331 min Scan# 428
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 52 Resp: 42936

Ion	Ratio	Lower	Upper
52	100		
53	121.2	92.8	152.8
51	42.4	13.6	73.6

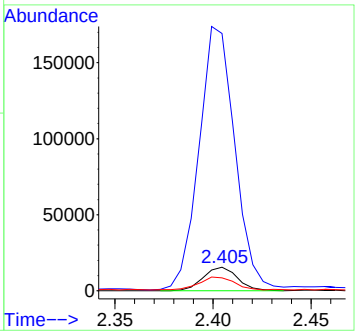


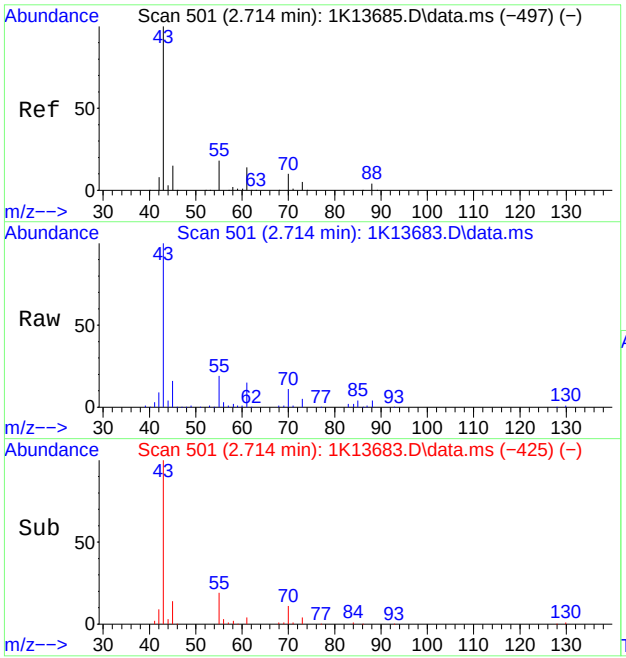


#33
vinyl acetate
Concen: 19.92 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 86 Resp: 18970

Ion	Ratio	Lower	Upper
86	100		
43	1078.8	1068.8	1128.8
44	50.7	18.0	78.0

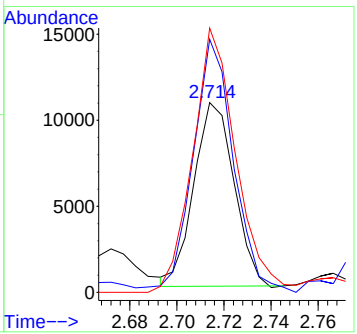


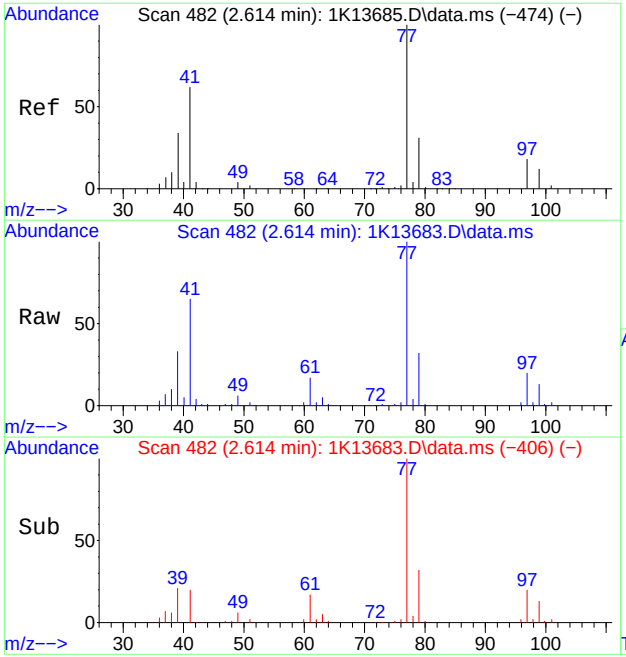


#34
ethyl acetate
Concen: 19.49 ug/L
RT: 2.714 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 70 Resp: 12662

Ion	Ratio	Lower	Upper
70	100		
61	135.3	104.9	164.9
45	141.1	117.8	177.8

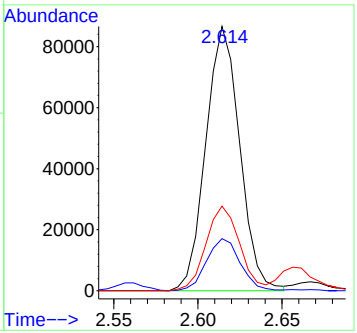


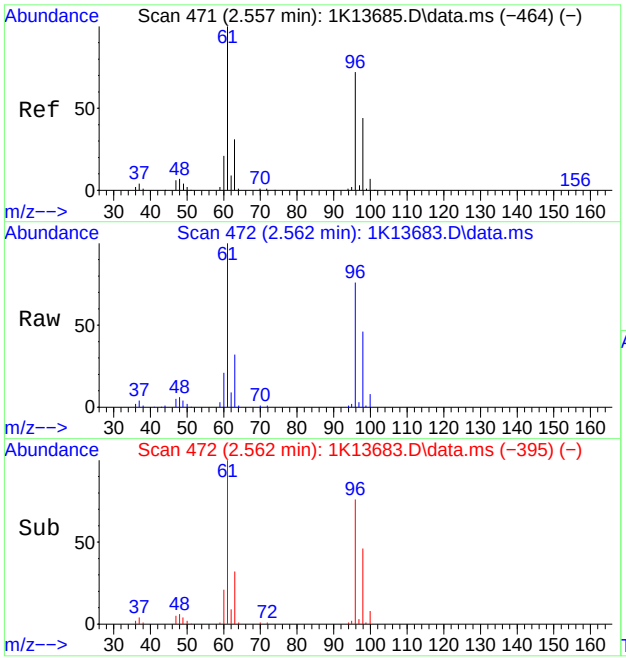


#35
2,2-dichloropropane
Concen: 19.11 ug/L
RT: 2.614 min Scan# 482
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 77 Resp: 122015

Ion	Ratio	Lower	Upper
77	100		
97	19.5	0.0	48.7
79	32.0	0.9	60.9

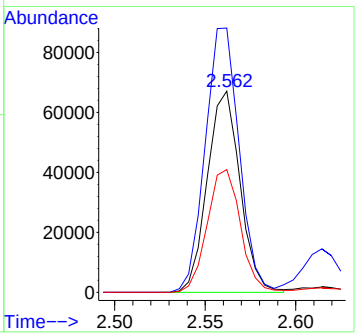


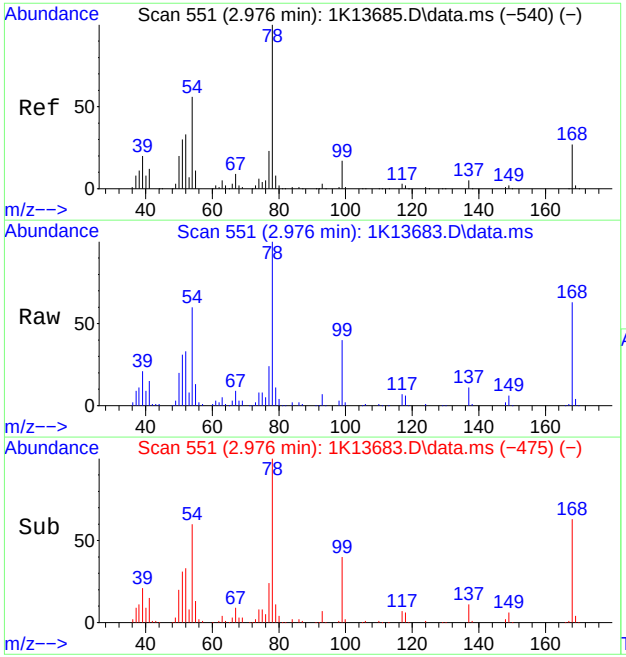


#36
cis-1,2-dichloroethene
Concen: 18.64 ug/L
RT: 2.562 min Scan# 472
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 96 Resp: 84403

Ion	Ratio	Lower	Upper
96	100		
61	131.3	108.4	168.4
98	61.0	31.4	91.4

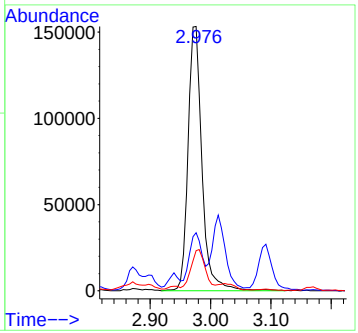


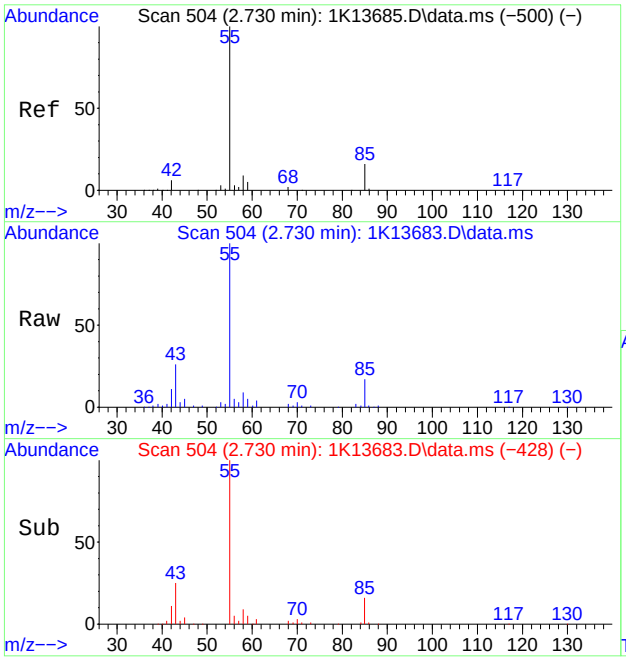


#37
propionitrile
Concen: 190.28 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 54 Resp: 245824

Ion	Ratio	Lower	Upper
54	100		
55	20.9	0.0	48.9
40	15.0	0.0	45.0

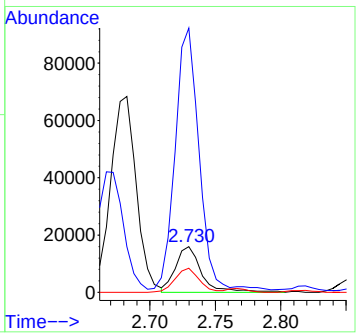


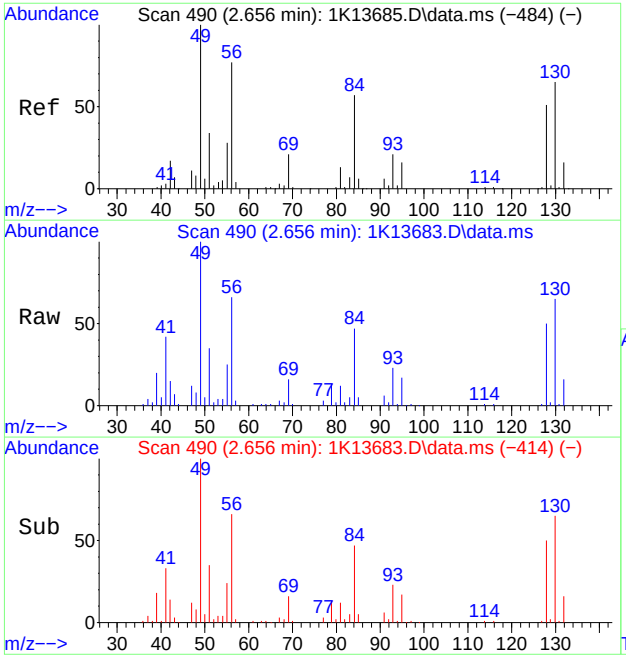


#38
methyl acrylate
Concen: 20.17 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 85 Resp: 22233

Ion	Ratio	Lower	Upper
85	100		
55	570.2	566.6	606.6
58	50.9	30.2	70.2

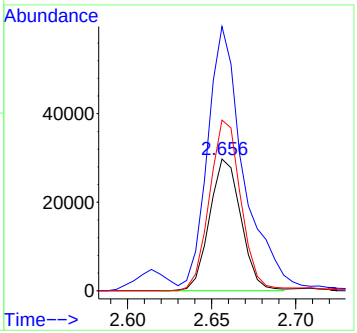


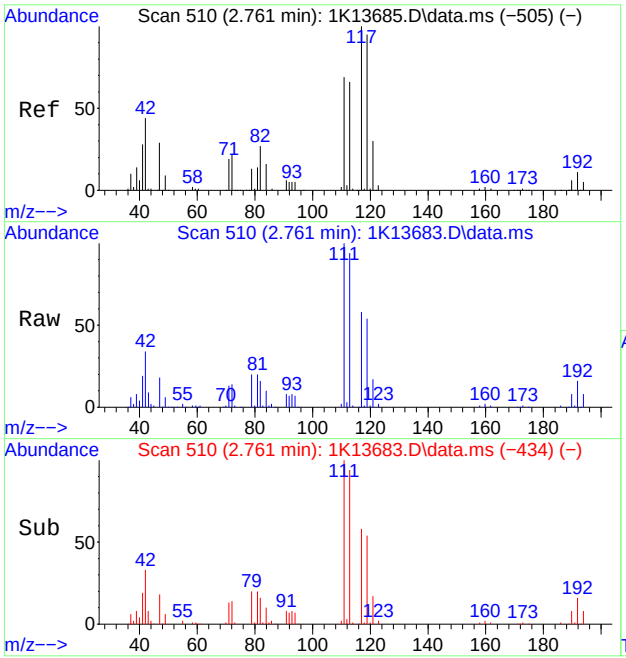


#39
bromochloromethane
Concen: 19.56 ug/L
RT: 2.656 min Scan# 490
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:128 Resp: 38842

Ion	Ratio	Lower	Upper
128	100		
49	188.8	166.7	226.7
130	129.6	97.3	157.3

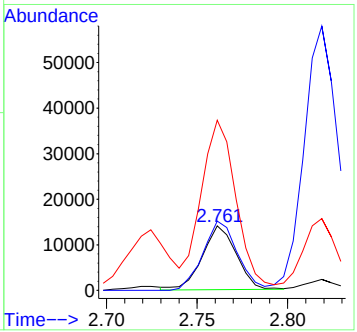


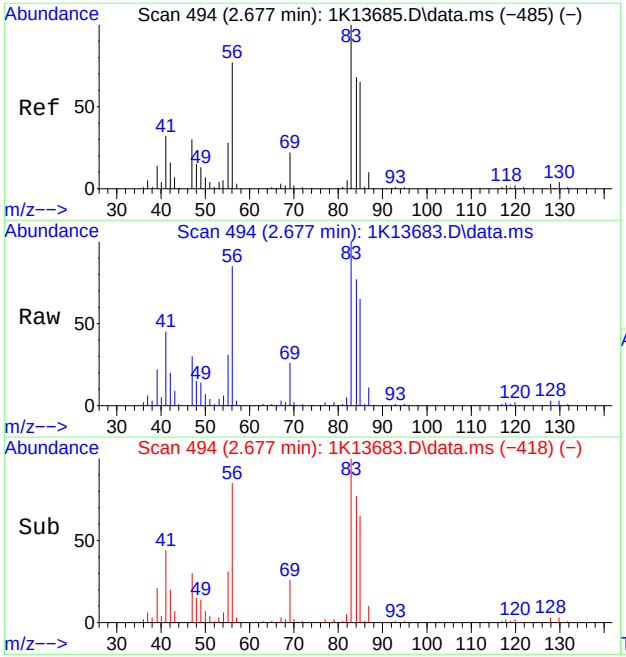


#40
tetrahydrofuran
Concen: 19.16 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 71 Resp: 18276

Ion	Ratio	Lower	Upper
71	100		
72	110.6	87.2	147.2
42	259.9	242.1	302.1

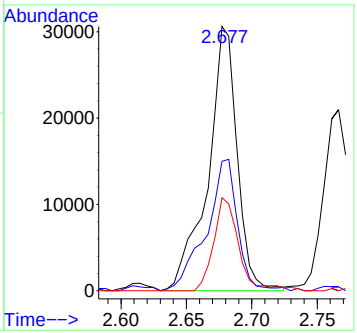


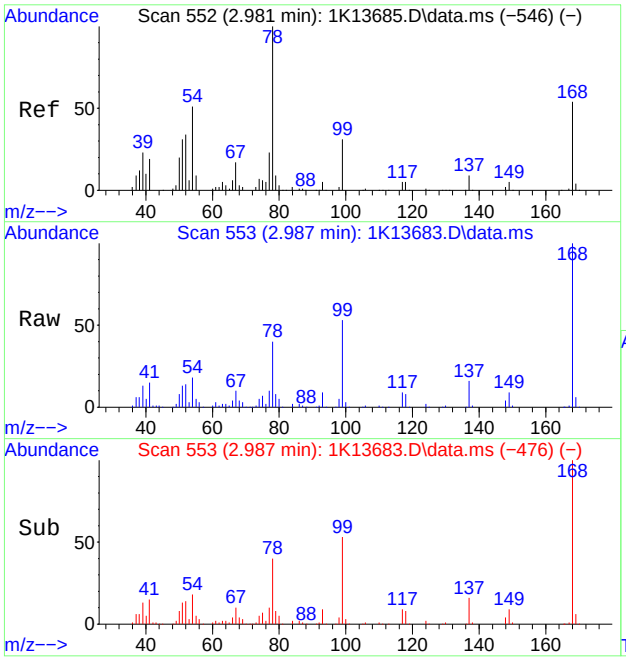


#41
chloroform
Concen: 18.46 ug/L
RT: 2.677 min Scan# 494
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 47 Resp: 47900

Ion	Ratio	Lower	Upper
47	100		
48	49.0	19.0	79.0
87	35.3	3.4	63.4

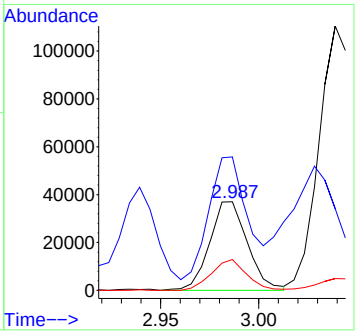


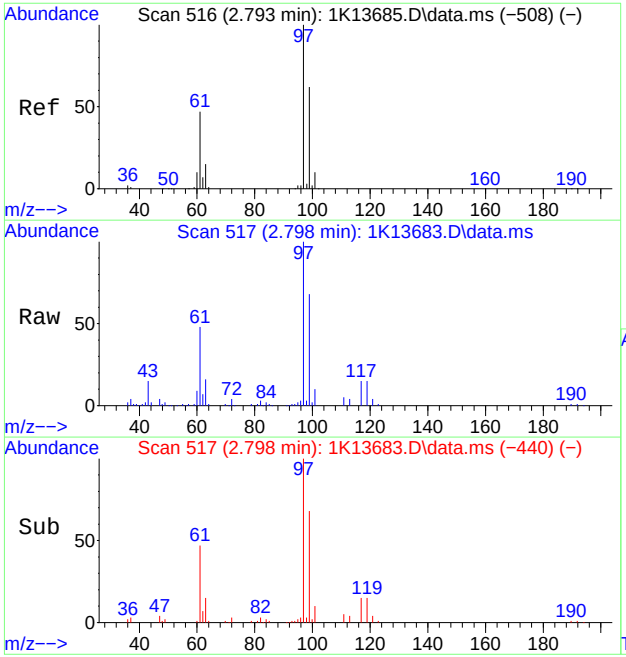


#43
methacrylonitrile
Concen: 17.82 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 67 Resp: 49765

Ion	Ratio	Lower	Upper
67	100		
41	100.1	85.4	145.4
66	34.9	4.8	64.8

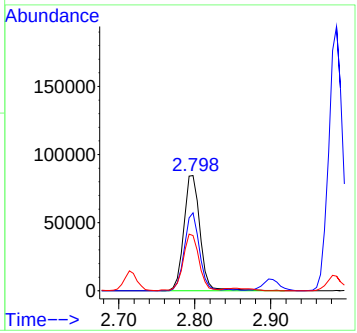


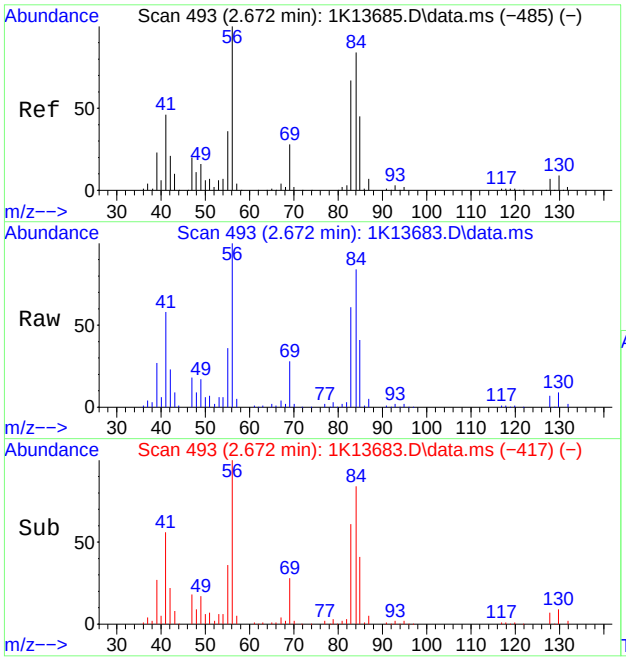


#44
1,1,1-trichloroethane
Concen: 19.65 ug/L
RT: 2.798 min Scan# 517
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 97 Resp: 126373

Ion	Ratio	Lower	Upper
97	100		
99	67.7	32.2	92.2
61	47.9	17.7	77.7

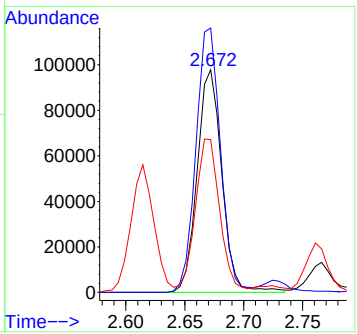


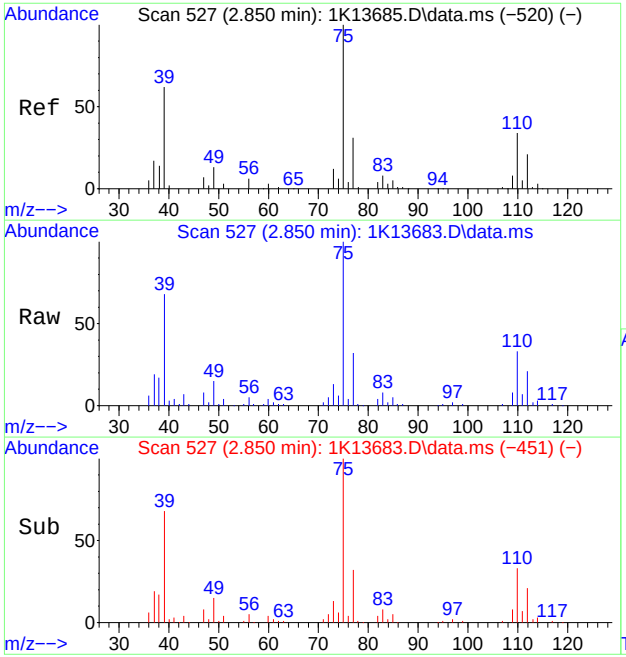


#45
cyclohexane
Concen: 20.12 ug/L
RT: 2.672 min Scan# 493
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 84 Resp: 142803

Ion	Ratio	Lower	Upper
84	100		
56	118.8	98.6	138.6
41	66.7	43.8	83.8

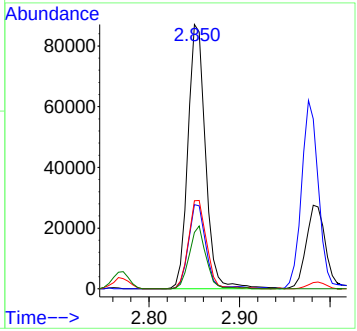


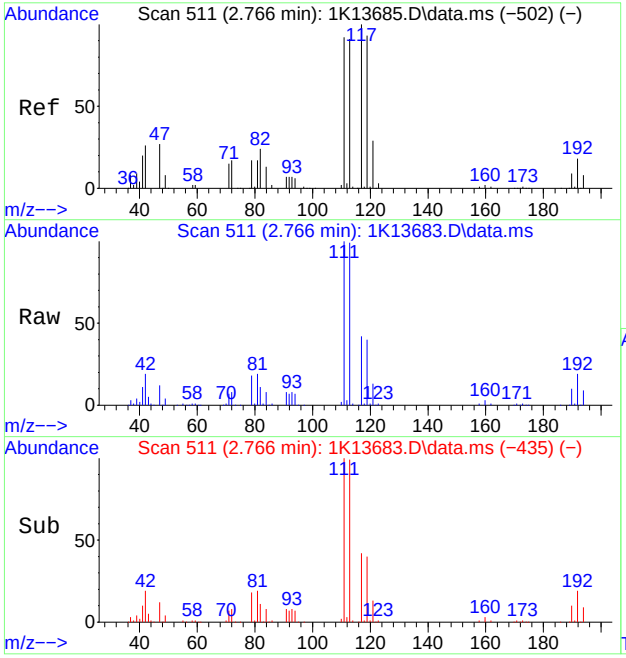


#46
1,1-dichloropropene
Concen: 20.49 ug/L
RT: 2.850 min Scan# 527
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 75 Resp: 117691

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.3	51.3
110	33.3	14.2	54.2
112	21.3	1.3	41.3

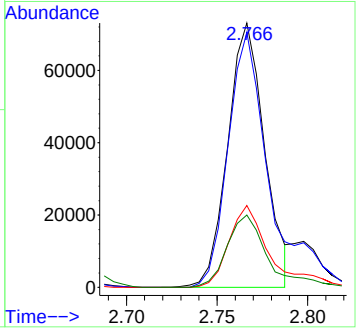


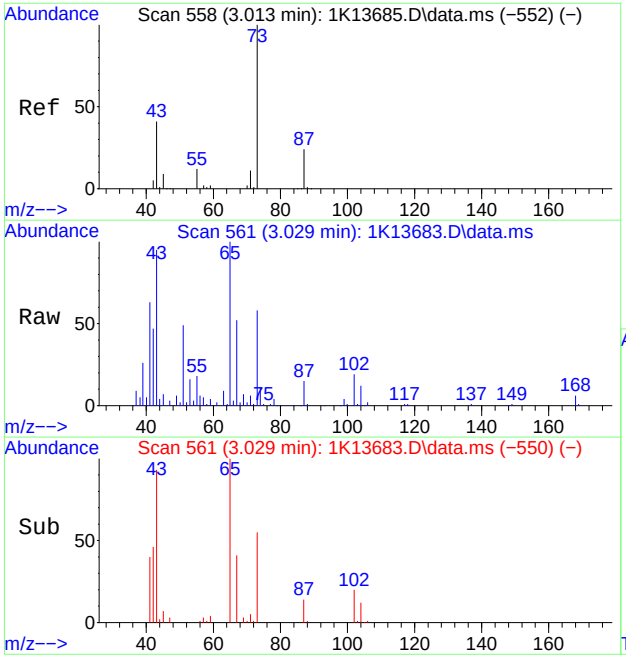


#47
carbon tetrachloride
Concen: 18.06 ug/L
RT: 2.766 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:117 Resp: 103473

Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.1	113.1
121	30.9	9.4	49.4
82	27.3	4.4	44.4

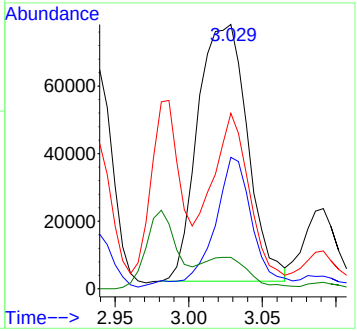


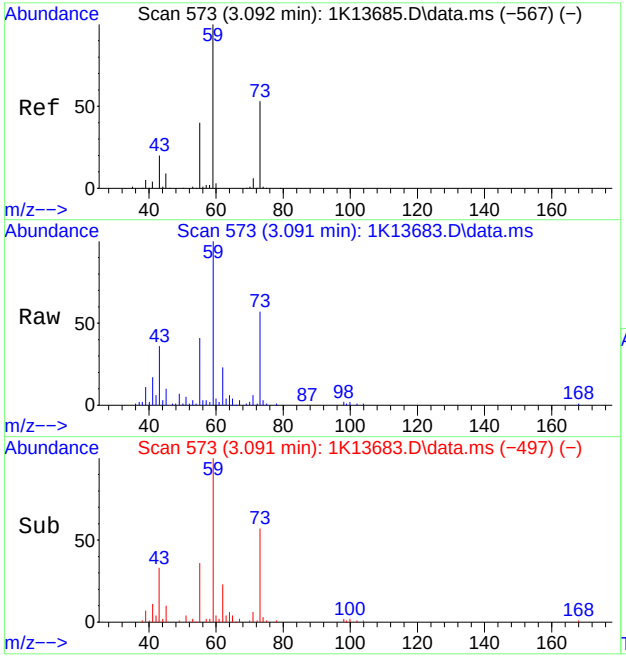


#48
isobutyl alcohol
Concen: 200.65 ug/L
RT: 3.029 min Scan# 561
Delta R.T. 0.016 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 43 Resp: 178355

Ion	Ratio	Lower	Upper
43	100		
42	48.1	0.0	32.6#
41	63.0	9.1	49.1#
74	11.1	0.0	31.0

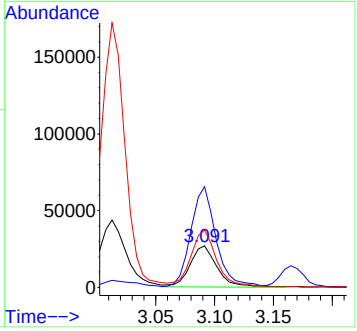


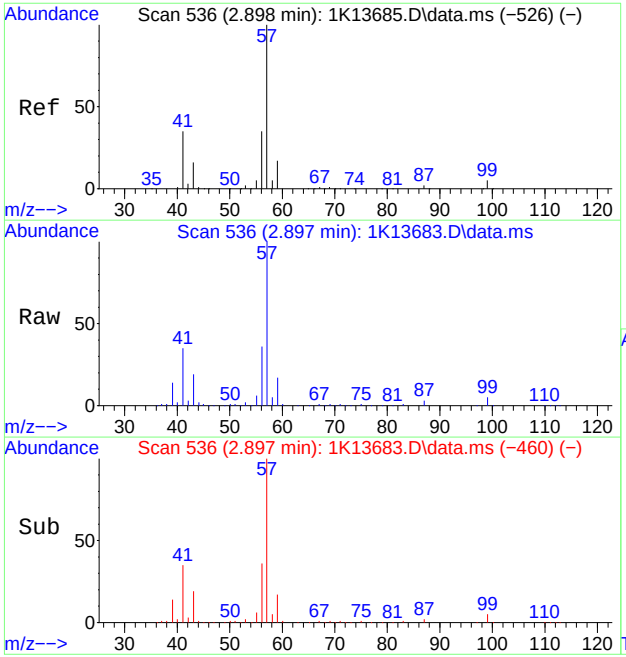


#49
tert-amyl alcohol
Concen: 99.73 ug/L
RT: 3.091 min Scan# 573
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 55 Resp: 42975

Ion	Ratio	Lower	Upper
55	100		
59	244.7	218.8	258.8
73	139.1	115.9	155.9

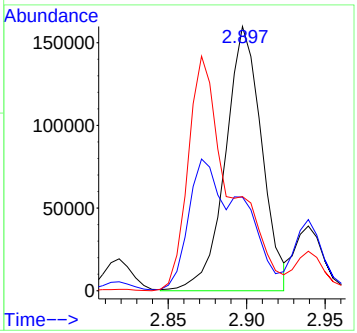


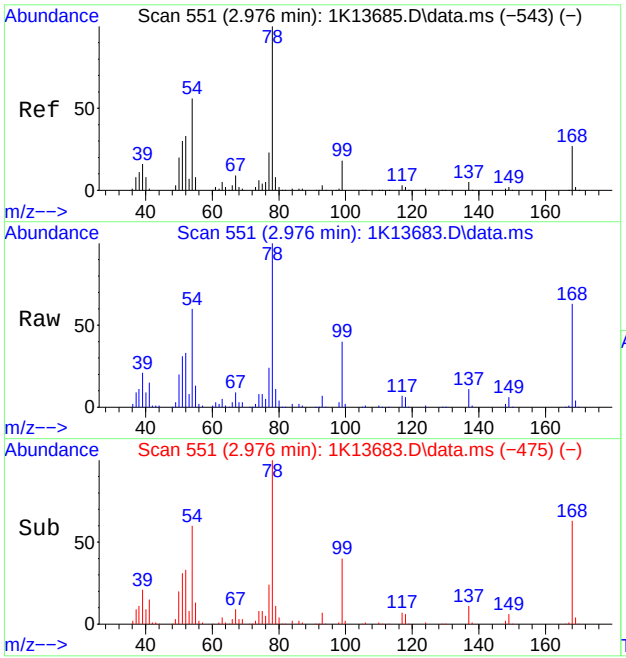


#52
iso-octane
Concen: 18.89 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 57 Resp: 256753

Ion	Ratio	Lower	Upper
57	100		
41	35.1	14.8	54.8
56	35.3	15.3	55.3

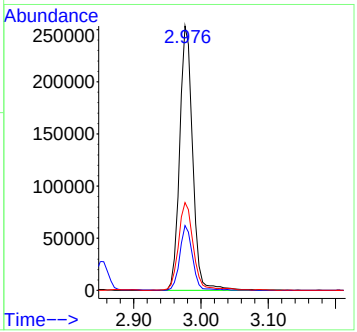


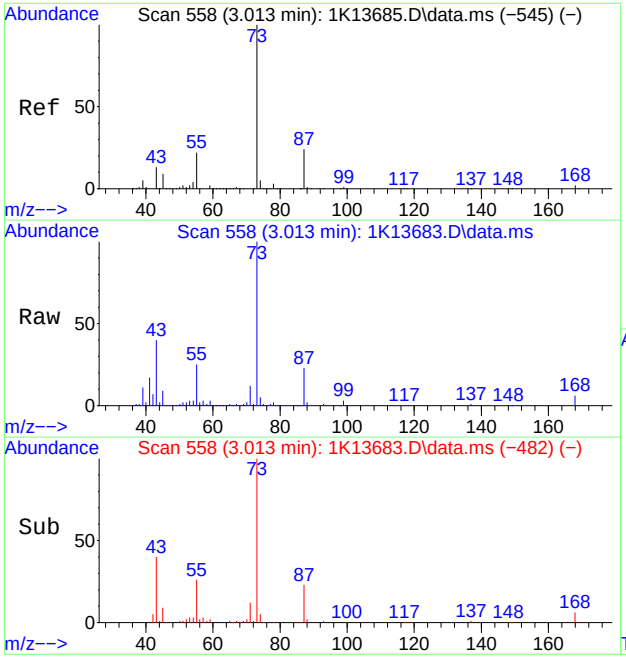


#53
benzene
Concen: 19.21 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 78 Resp: 341016

Ion	Ratio	Lower	Upper
78	100		
77	24.5	0.0	53.3
52	33.1	3.5	63.5

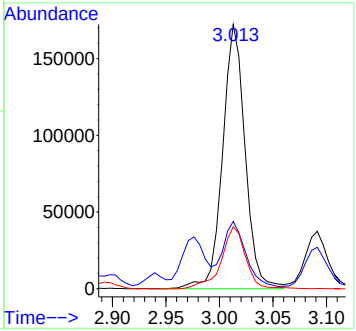


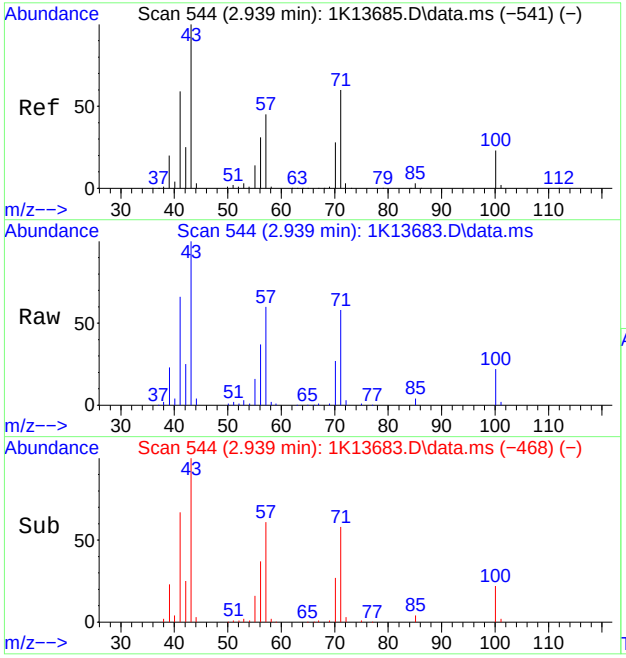


#54
tert-amyl methyl ether
Concen: 18.81 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 73 Resp: 252831

Ion	Ratio	Lower	Upper
73	100		
55	24.4	5.1	45.1
87	23.4	4.2	44.2

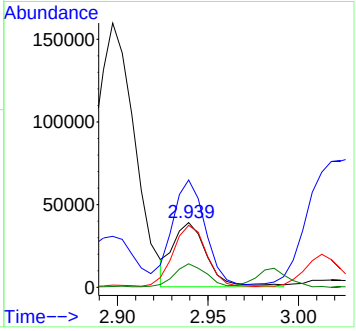


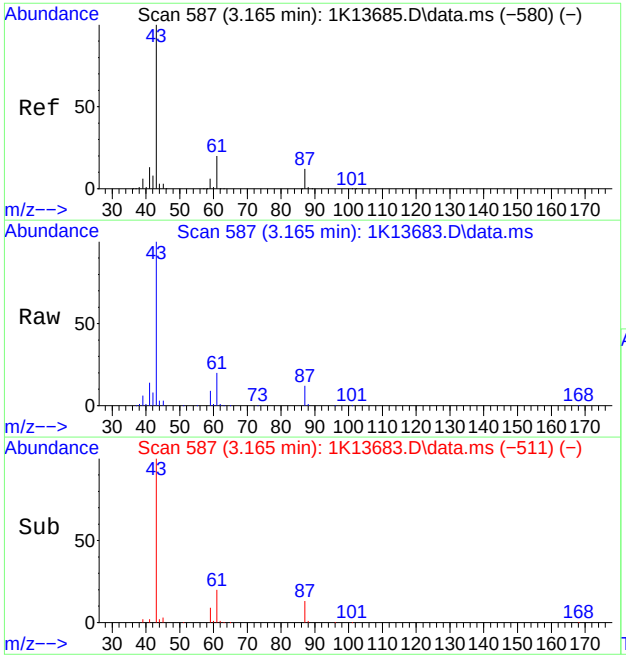


#55
heptane
Concen: 20.28 ug/L
RT: 2.939 min Scan# 544
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 57 Resp: 50494

Ion	Ratio	Lower	Upper
57	100		
43	154.9	140.0	200.0
71	95.2	67.3	127.3
100	33.6	0.3	60.3

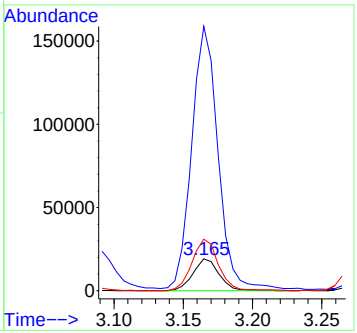


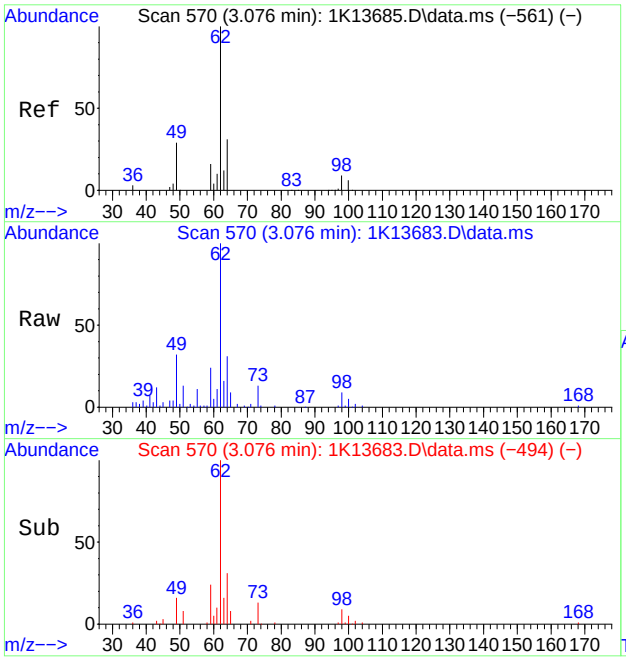


#56
isopropyl acetate
Concen: 20.64 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 87 Resp: 25327

Ion	Ratio	Lower	Upper
87	100		
43	817.7	799.2	859.2
61	161.4	137.1	197.1

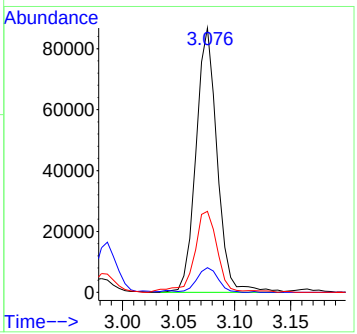


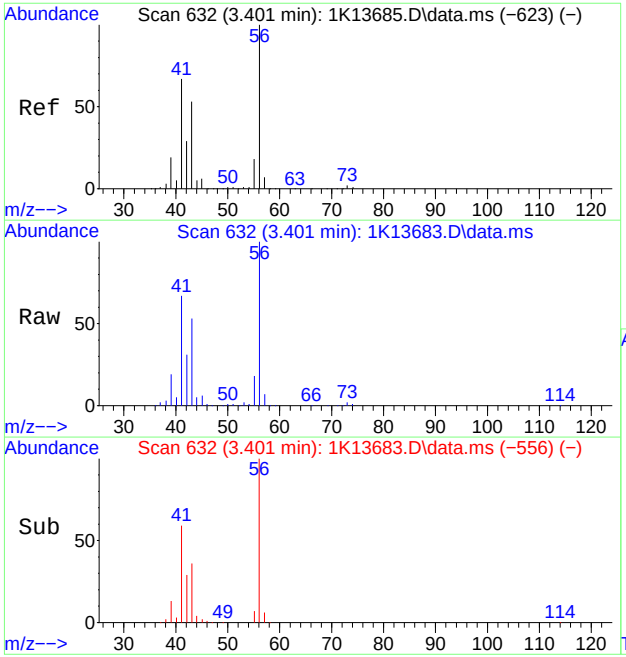


#57
1,2-dichloroethane
Concen: 17.60 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 62 Resp: 114464

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	39.5
64	30.3	1.1	61.1

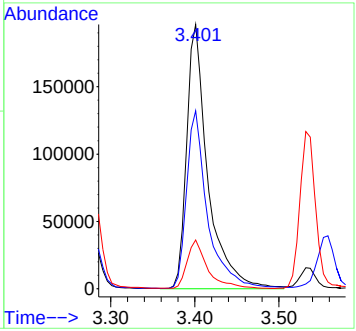


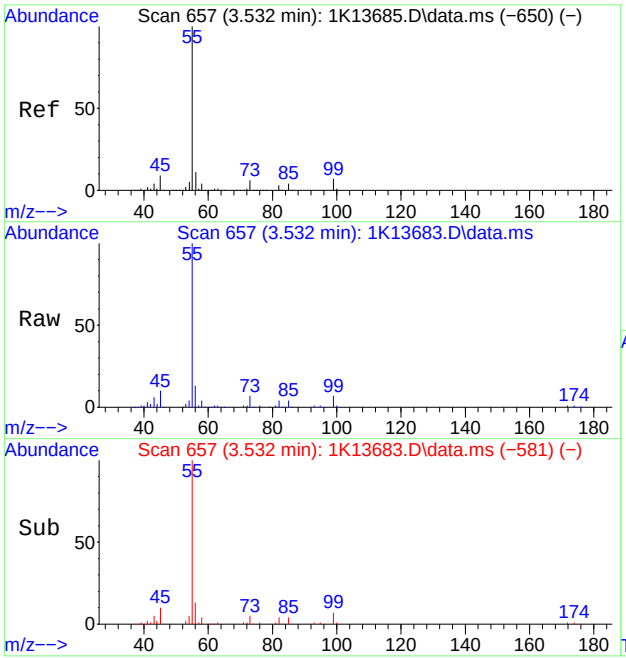


#58
n-butyl alcohol
Concen: 1029.43 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 56 Resp: 344195

Ion	Ratio	Lower	Upper
56	100		
41	67.3	46.6	86.6
55	18.2	0.0	37.9

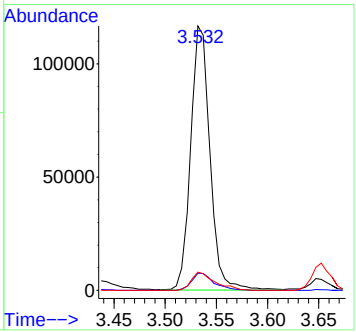


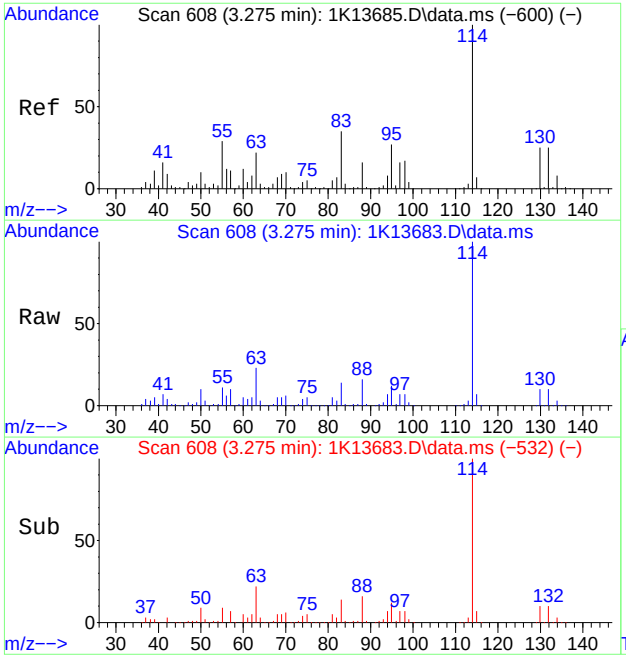


#59
ethyl acrylate
Concen: 20.01 ug/L
RT: 3.532 min Scan# 657
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 55 Resp: 153818

Ion	Ratio	Lower	Upper
55	100		
73	6.6	0.0	36.5
99	6.9	0.0	37.0

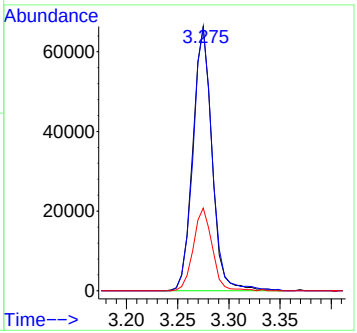


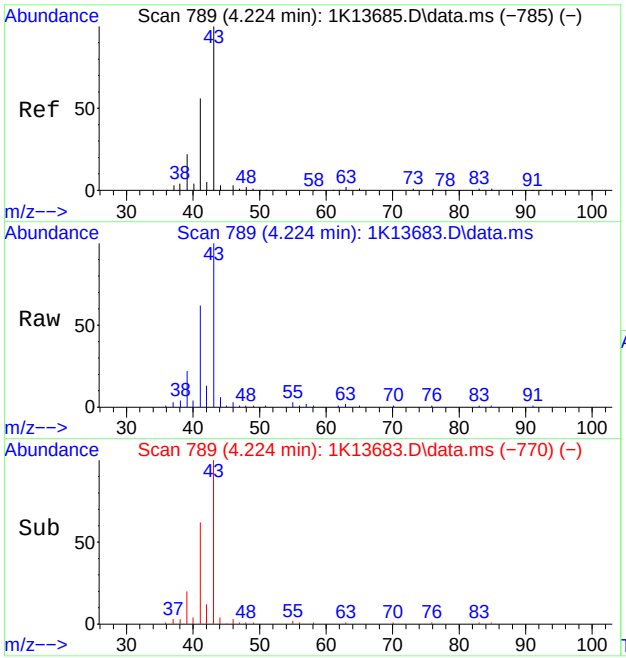


#60
trichloroethene
Concen: 19.45 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:130 Resp: 86525

Ion	Ratio	Lower	Upper
130	100		
132	99.2	70.3	130.3
134	31.3	2.0	62.0

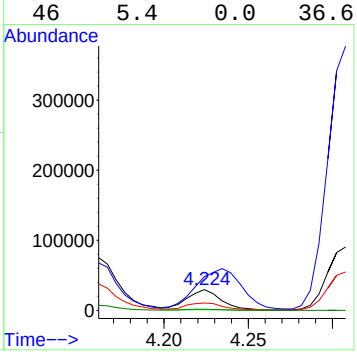


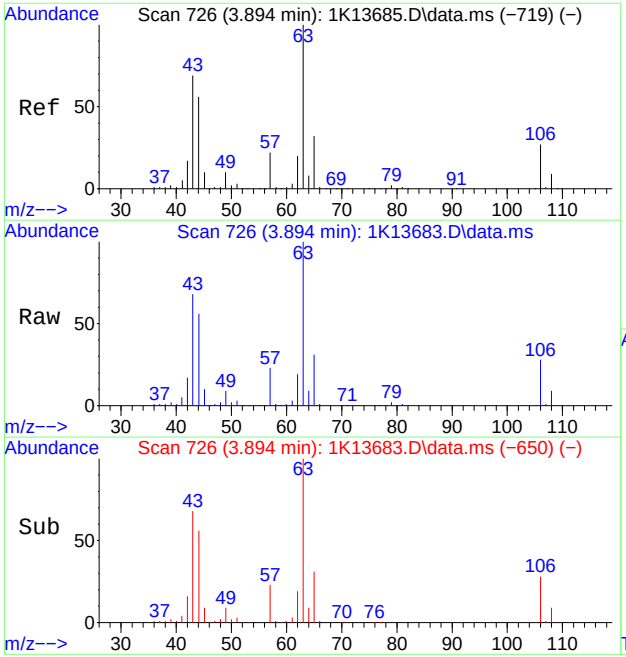


#61
2-nitropropane
Concen: 18.19 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 41 Resp: 40833

Ion	Ratio	Lower	Upper
41	100		
43	158.8	127.6	187.6
39	35.2	8.5	68.5
46	5.4	0.0	36.6

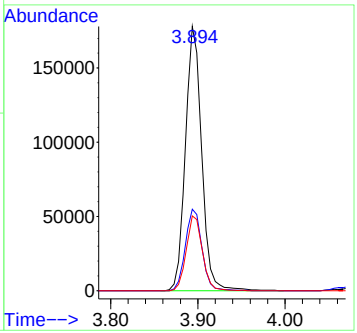


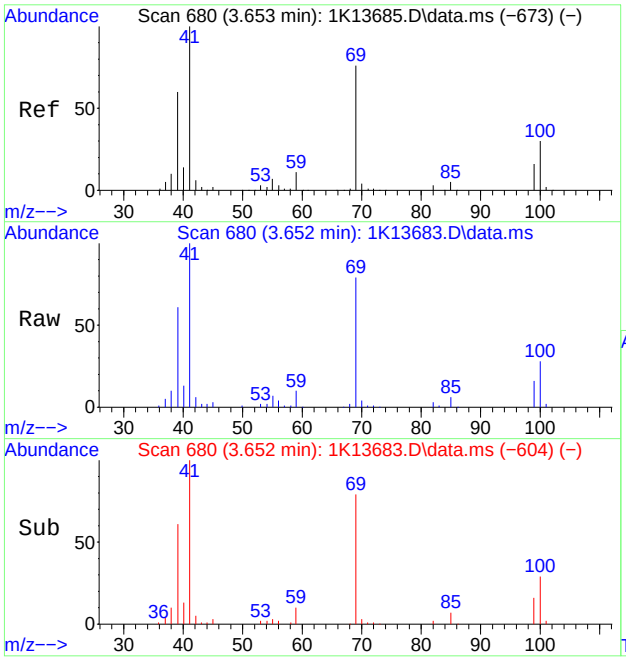


#62
2-chloroethyl vinyl ether
Concen: 118.41 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 63 Resp: 231132

Ion	Ratio	Lower	Upper
63	100		
65	30.9	1.9	61.9
106	28.3	0.0	57.3

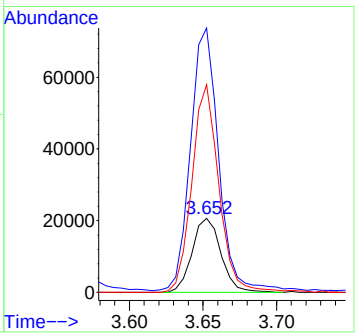


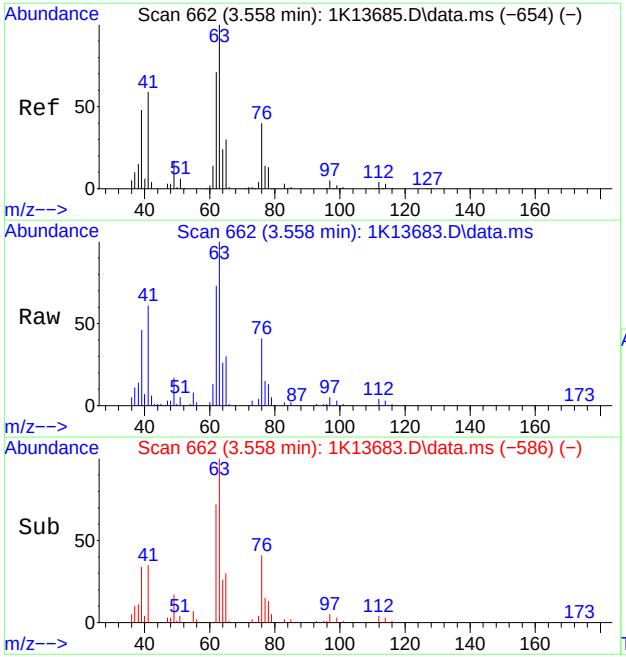


#63
methyl methacrylate
Concen: 20.41 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:100 Resp: 28012

Ion	Ratio	Lower	Upper
100	100		
41	353.2	304.0	364.0
69	280.1	224.1	284.1

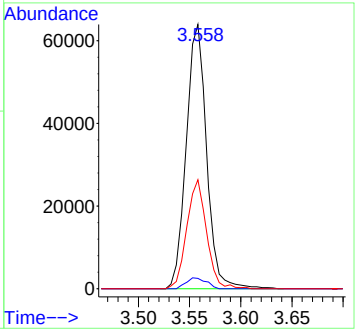


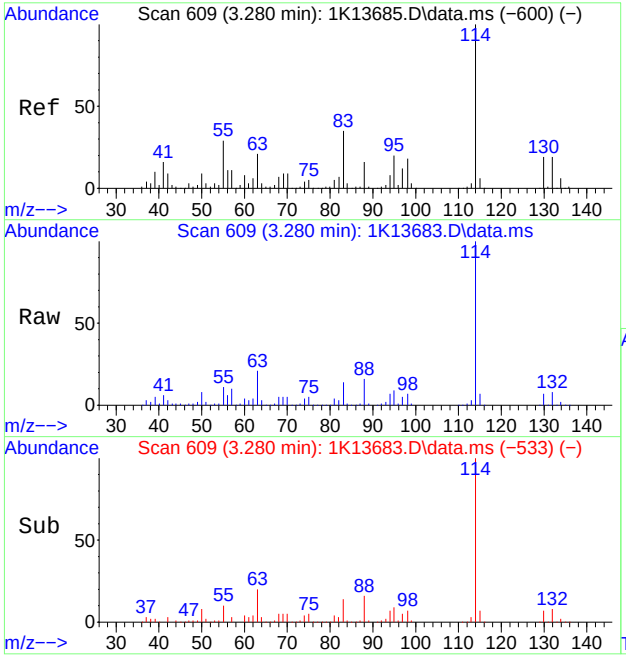


#64
1,2-dichloropropane
Concen: 19.73 ug/L
RT: 3.558 min Scan# 662
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 63 Resp: 88879

Ion	Ratio	Lower	Upper
63	100		
112	4.0	0.0	34.4
76	41.3	10.3	70.3

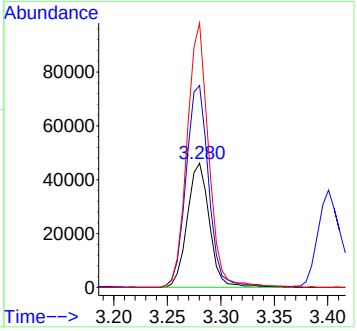


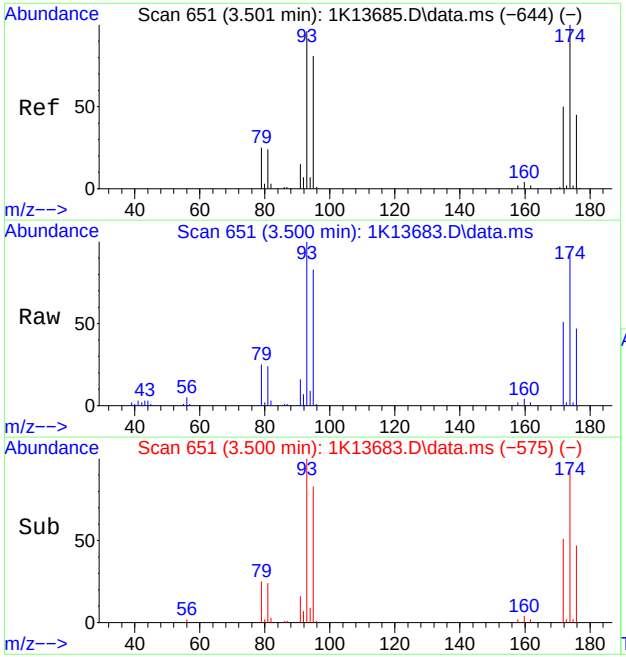


#65
methylcyclohexane
Concen: 19.53 ug/L
RT: 3.280 min Scan# 609
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 98 Resp: 66555

Ion	Ratio	Lower	Upper
98	100		
55	162.5	130.3	190.3
83	212.8	194.3	194.3#

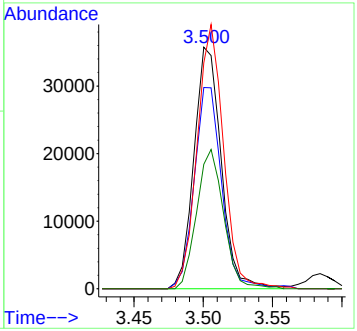


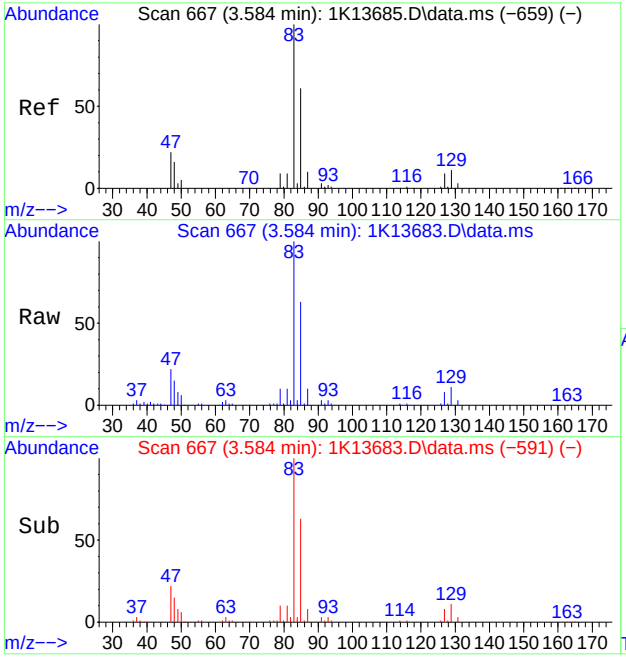


#66
dibromomethane
Concen: 18.77 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 93 Resp: 49073

Ion	Ratio	Lower	Upper
93	100		
95	83.3	54.7	114.7
174	93.4	74.1	134.1
172	51.5	32.6	72.6

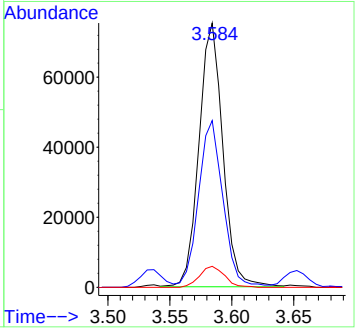


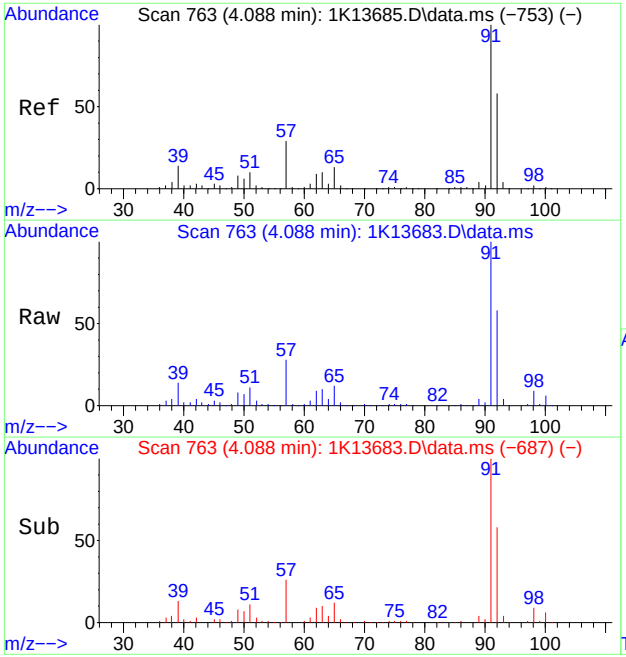


#67
bromodichloromethane
Concen: 18.37 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 83 Resp: 101380

Ion	Ratio	Lower	Upper
83	100		
85	59.5	35.1	95.1
127	8.0	0.0	39.1

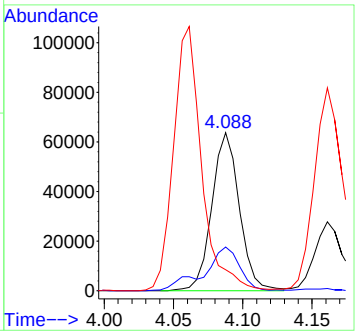


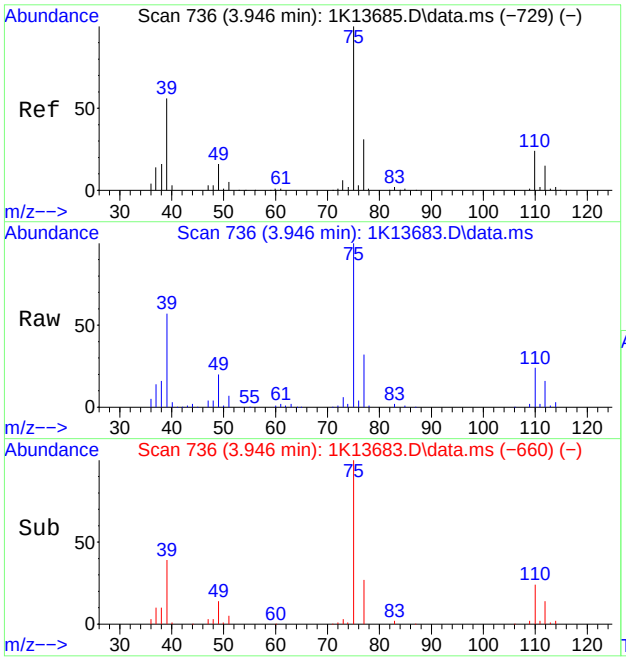


#68
epichlorohydrin
Concen: 96.46 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 57 Resp: 87974

Ion	Ratio	Lower	Upper
57	100		
49	27.3	6.2	46.2
42	12.2	0.0	29.7

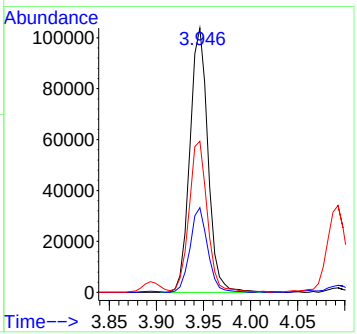


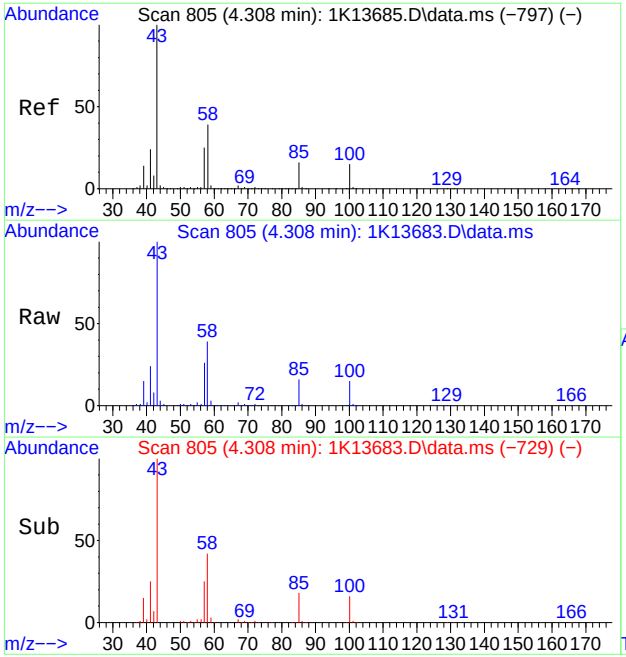


#69
cis-1,3-dichloropropene
Concen: 20.49 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 75 Resp: 139274

Ion	Ratio	Lower	Upper
75	100		
77	32.0	1.6	61.6
39	56.9	26.9	86.9

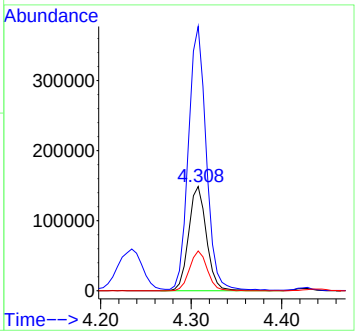


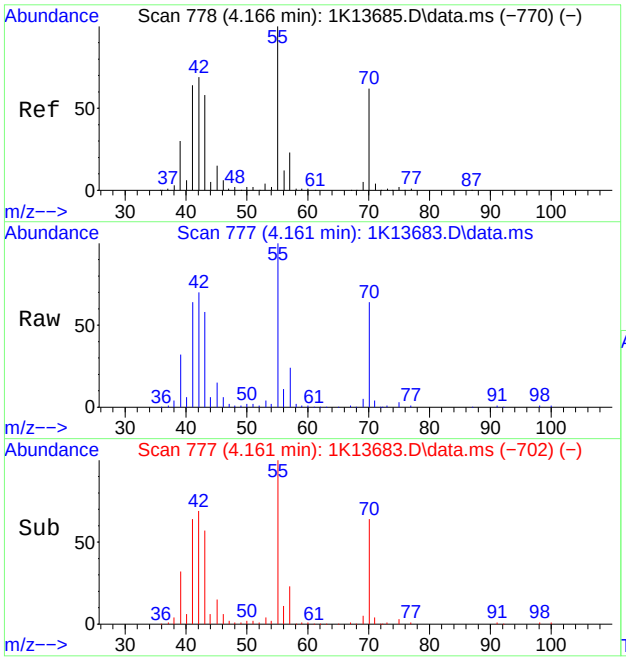


#70
4-methyl-2-pentanone
Concen: 81.98 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 58 Resp: 205230

Ion	Ratio	Lower	Upper
58	100		
43	253.3	226.7	286.7
100	38.4	8.1	68.1

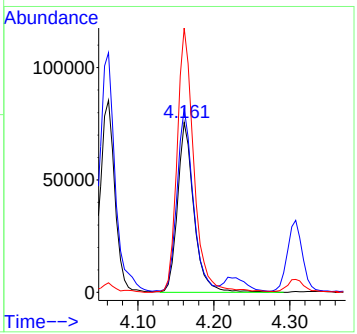


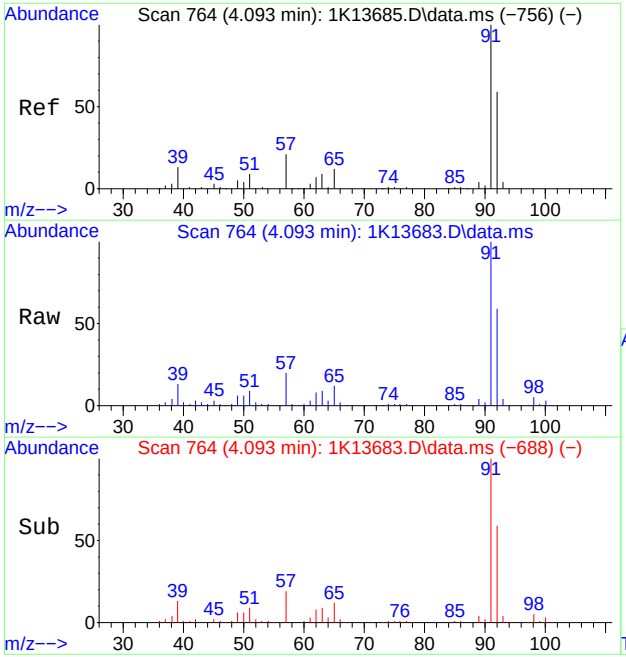


#71
3-methyl-1-butanol
Concen: 425.67 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 70 Resp: 113722

Ion	Ratio	Lower	Upper
70	100		
42	107.3	81.3	141.3
55	155.1	131.4	191.4

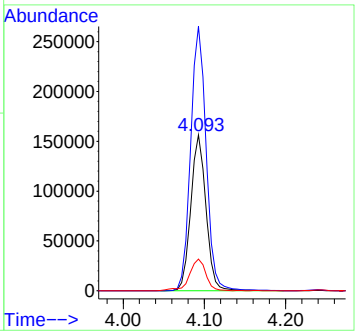


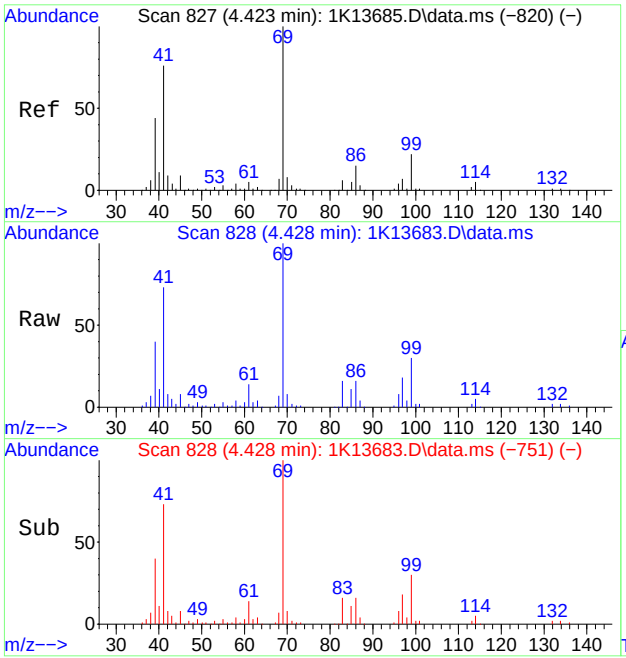


#74
toluene
Concen: 19.10 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 92 Resp: 203834

Ion	Ratio	Lower	Upper
92	100		
91	169.6	150.5	190.5
65	20.4	0.6	40.6

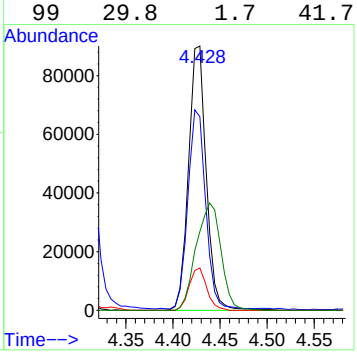


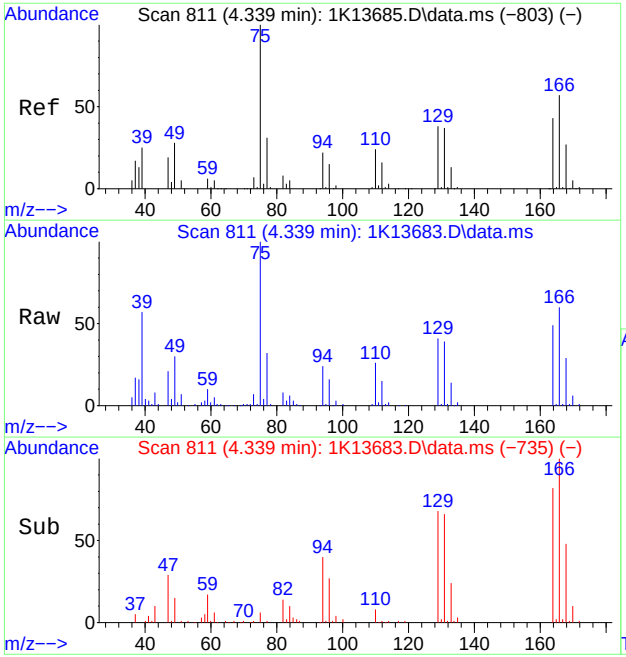


#75
ethyl methacrylate
Concen: 20.07 ug/L
RT: 4.428 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 69 Resp: 117998

Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.7	96.7
86	16.0	0.0	35.4
99	29.8	1.7	41.7

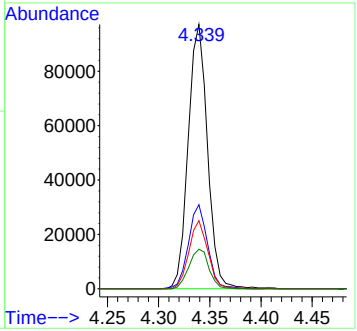


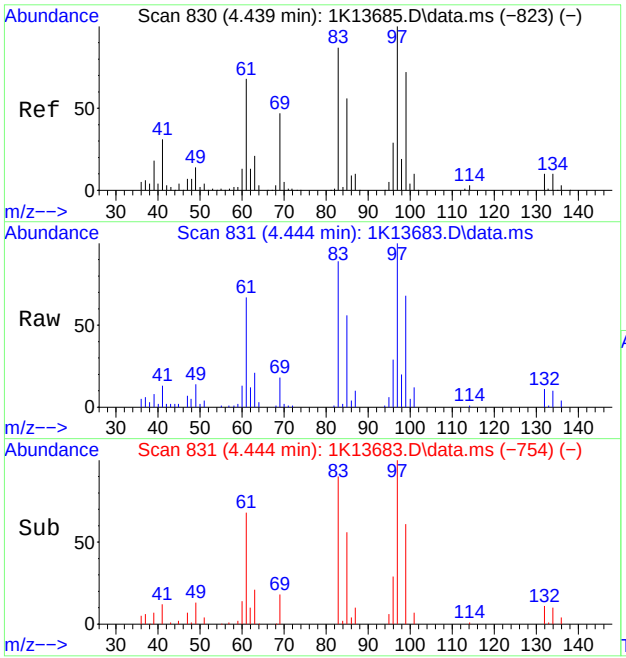


#76
trans-1,3-dichloropropene
Concen: 20.31 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 75 Resp: 128349

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.2	51.2
110	25.8	4.0	44.0
112	15.0	0.0	35.5

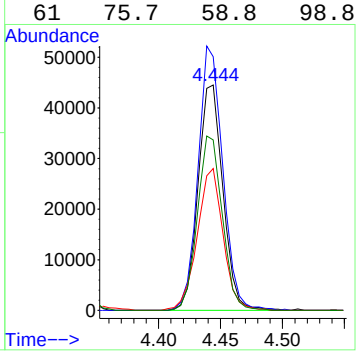


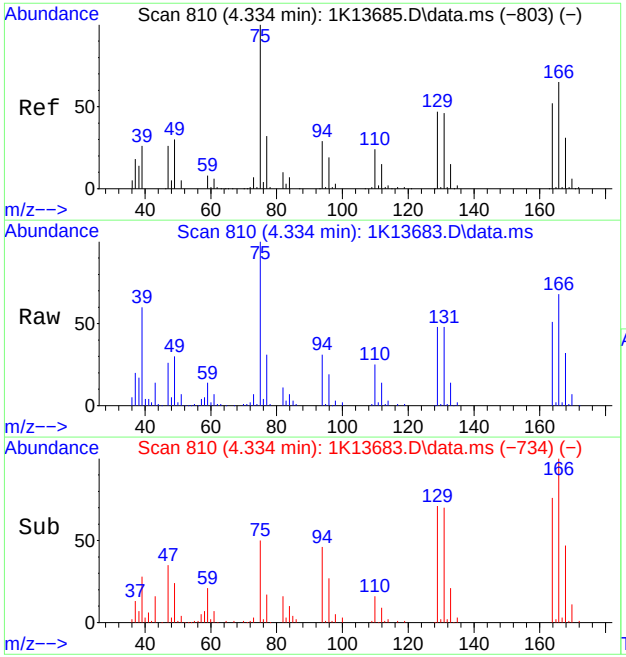


#77
1,1,2-trichloroethane
Concen: 20.40 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 83 Resp: 62326

Ion	Ratio	Lower	Upper
83	100		
97	112.6	95.4	135.4
85	63.0	45.4	85.4
61	75.7	58.8	98.8

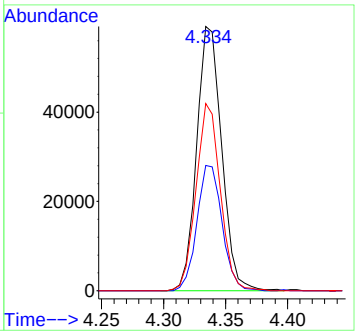


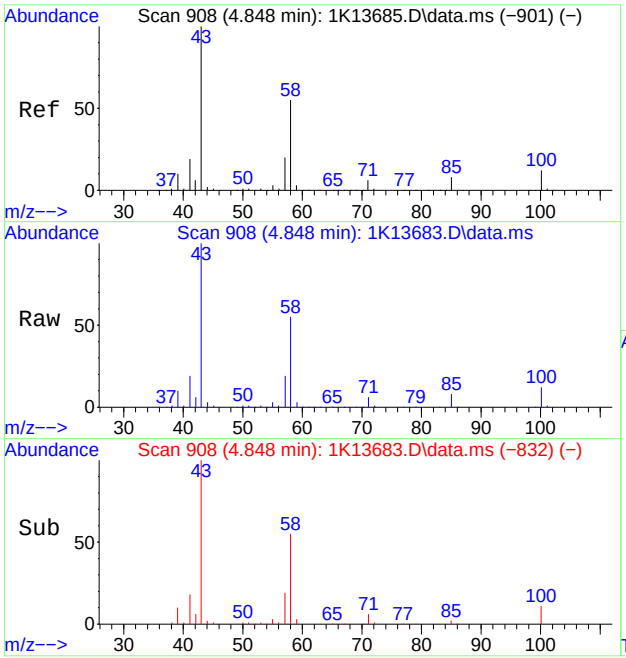


#78
tetrachloroethene
Concen: 19.26 ug/L
RT: 4.334 min Scan# 810
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:166 Resp: 83198

Ion	Ratio	Lower	Upper
166	100		
168	47.3	17.2	77.2
129	70.8	42.2	102.2

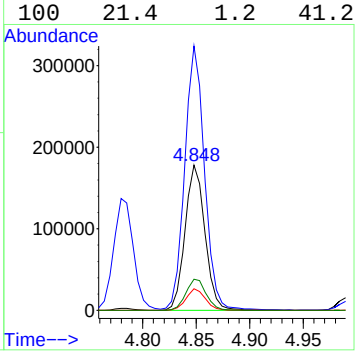


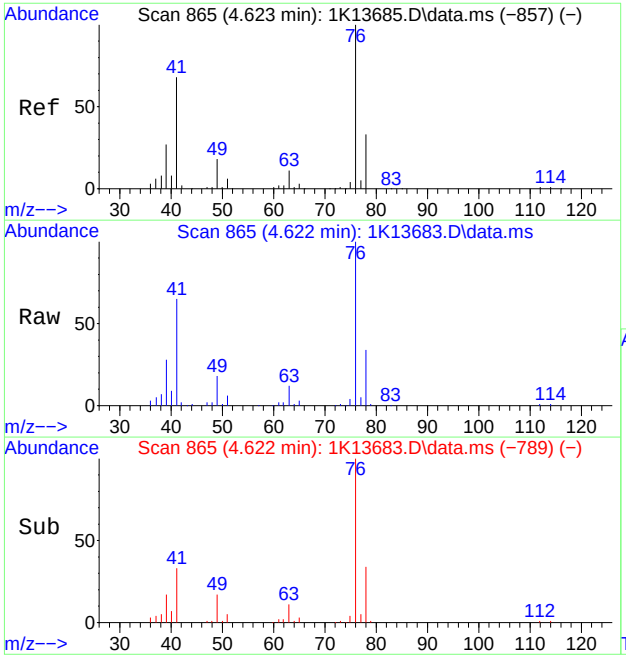


#79
2-hexanone
Concen: 82.17 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 58 Resp: 231786

Ion	Ratio	Lower	Upper
58	100		
43	181.8	162.0	202.0
85	14.9	0.0	34.2
100	21.4	1.2	41.2

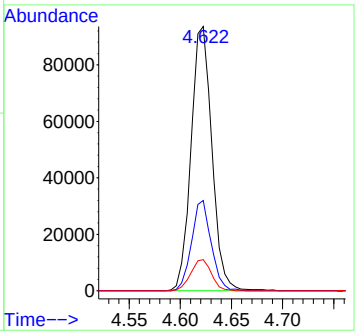


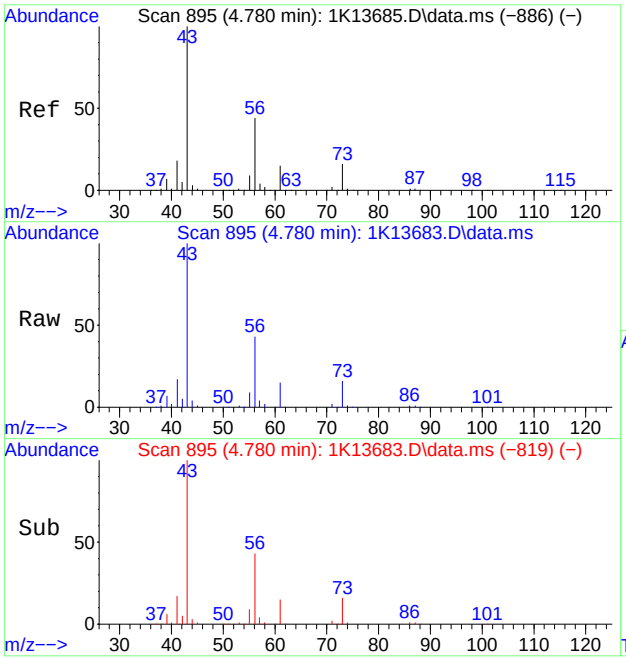


#80
1,3-dichloropropane
Concen: 19.74 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 76 Resp: 133477

Ion	Ratio	Lower	Upper
76	100		
78	34.1	3.0	63.0
63	11.7	0.0	40.8

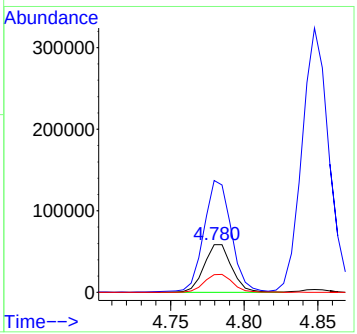


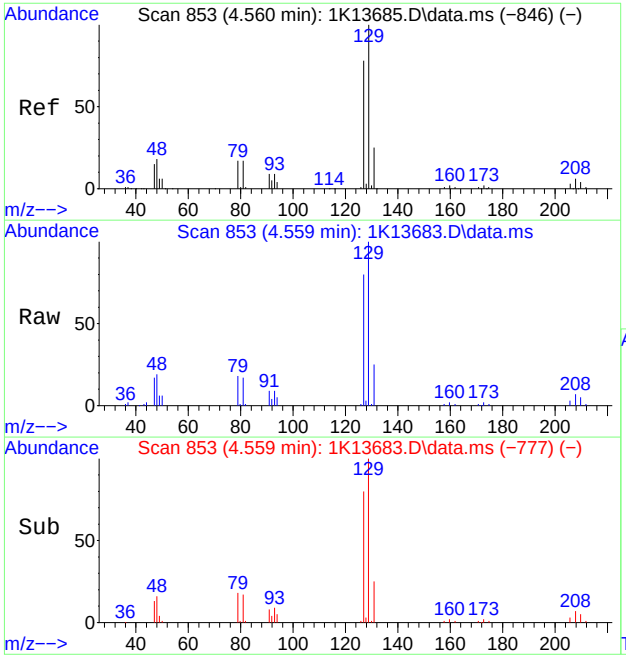


#81
butyl acetate
Concen: 20.02 ug/L
RT: 4.780 min Scan# 895
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 56 Resp: 76594

Ion	Ratio	Lower	Upper
56	100		
43	232.8	198.9	258.9
73	37.0	7.7	67.7

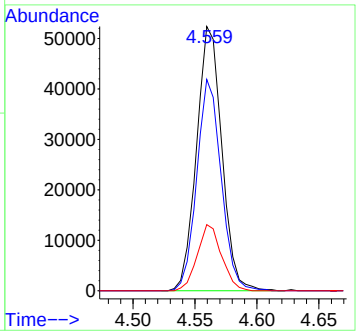


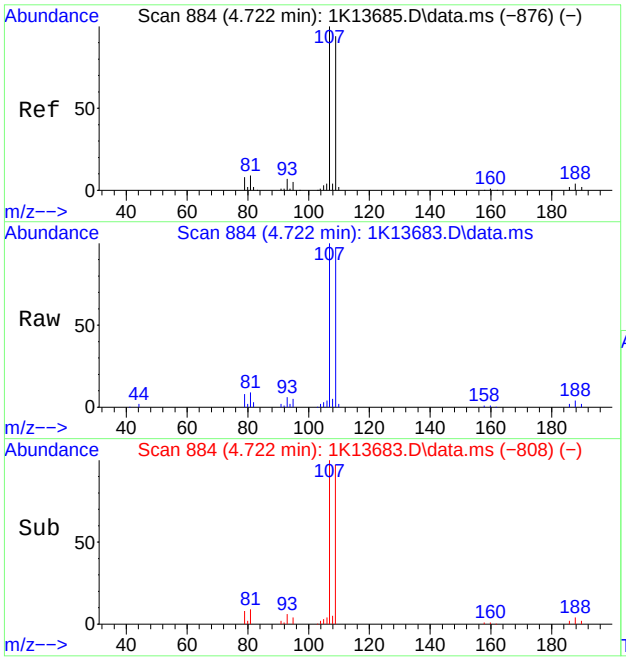


#82
dibromochloromethane
Concen: 20.37 ug/L
RT: 4.559 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:129 Resp: 74365

Ion	Ratio	Lower	Upper
129	100		
127	79.9	48.2	108.2
131	25.0	0.0	54.9

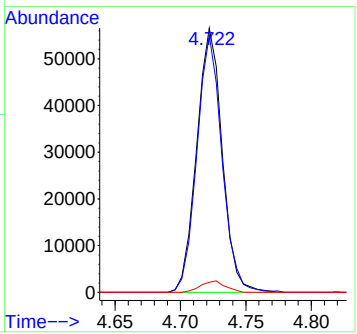


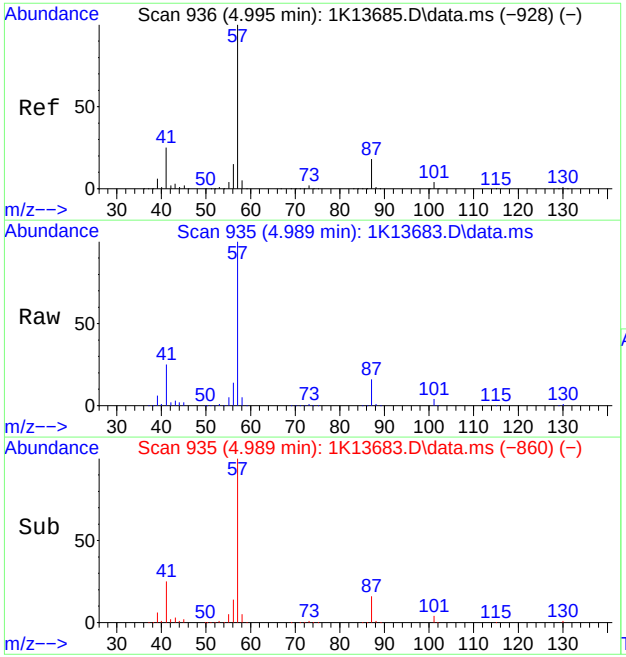


#83
1,2-dibromoethane
Concen: 19.82 ug/L
RT: 4.722 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:107 Resp: 76792

Ion	Ratio	Lower	Upper
107	100		
109	97.2	64.1	124.1
188	3.8	0.0	33.9

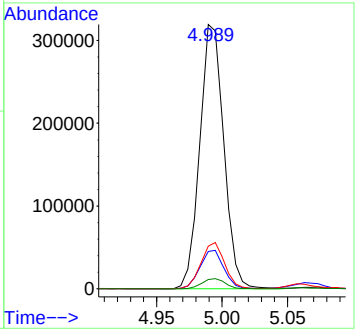


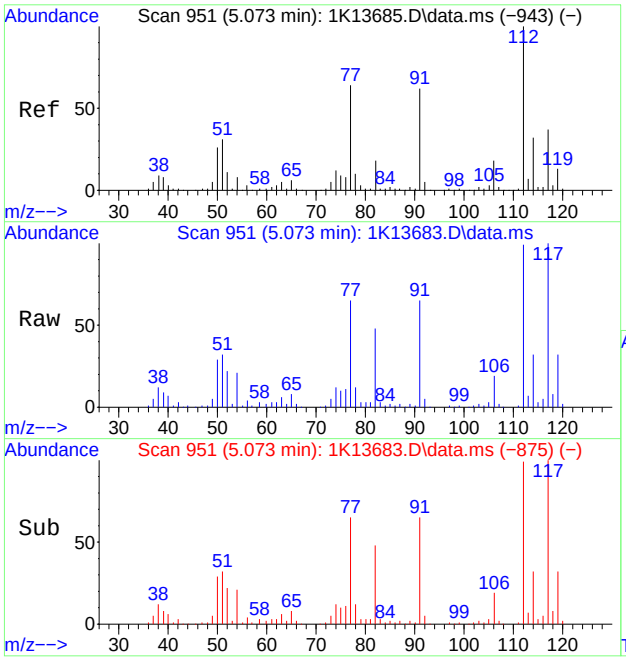


#84
n-butyl ether
Concen: 20.50 ug/L
RT: 4.989 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 57 Resp: 409939

Ion	Ratio	Lower	Upper
57	100		
56	14.1	0.0	44.5
87	16.2	0.0	47.6
101	3.6	0.0	33.9

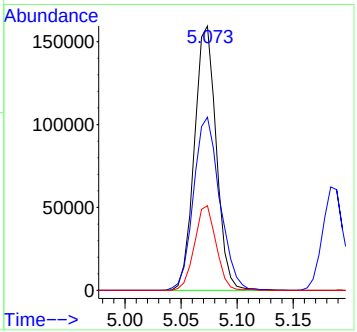


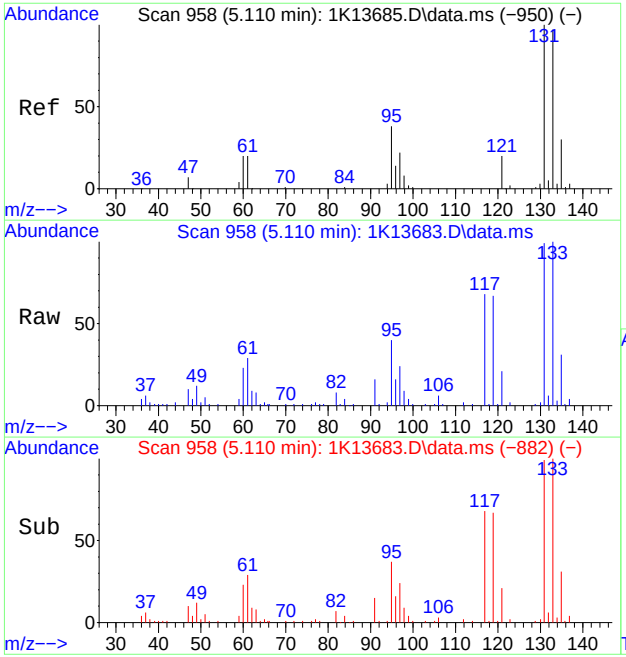


#85
chlorobenzene
Concen: 19.30 ug/L
RT: 5.073 min Scan# 951
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:112 Resp: 217892

Ion	Ratio	Lower	Upper
112	100		
77	65.5	33.8	93.8
114	32.1	2.0	62.0

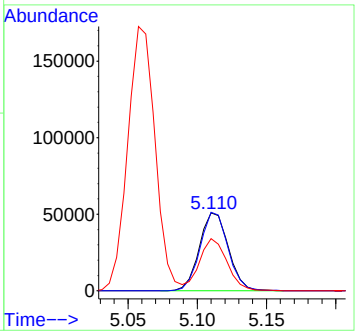


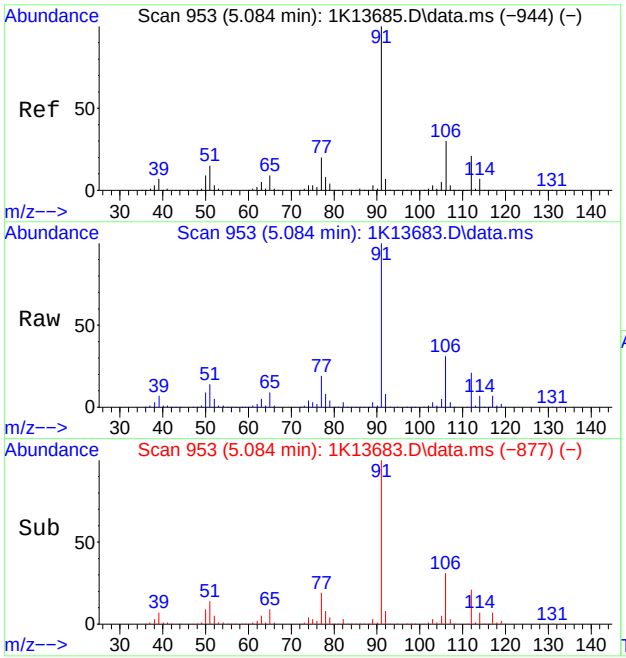


#86
1,1,1,2-tetrachloroethane
Concen: 20.85 ug/L
RT: 5.110 min Scan# 958
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:131 Resp: 74066

Ion	Ratio	Lower	Upper
131	100		
133	100.6	67.0	127.0
119	67.0	34.4	94.4

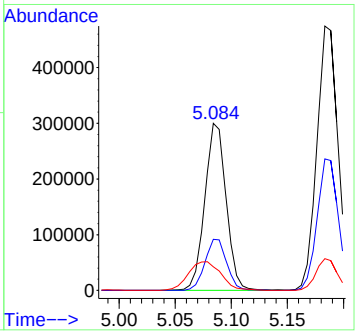


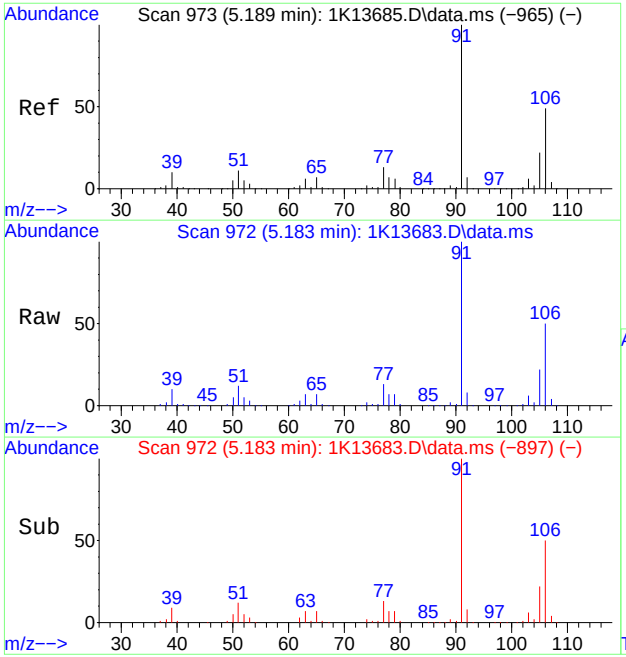


#87
ethylbenzene
Concen: 18.48 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 91 Resp: 397950

Ion	Ratio	Lower	Upper
91	100		
106	30.6	0.2	60.2
51	14.2	0.0	45.3

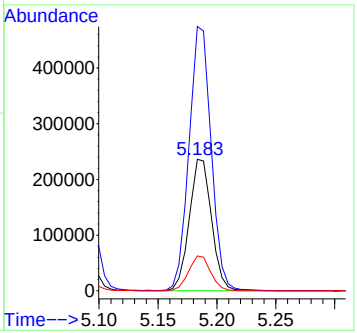


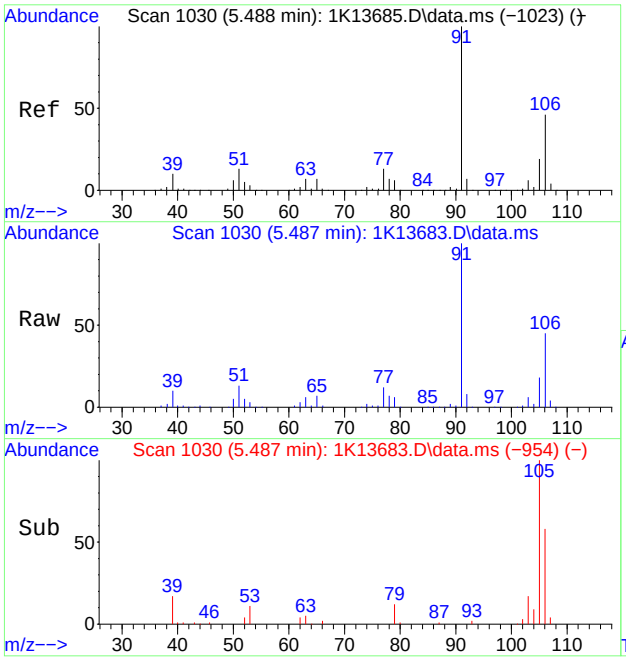


#88
m,p-xylene
Concen: 39.44 ug/L
RT: 5.183 min Scan# 972
Delta R.T. -0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:106 Resp: 311381

Ion	Ratio	Lower	Upper
106	100		
91	201.3	172.8	232.8
77	26.4	5.8	45.8

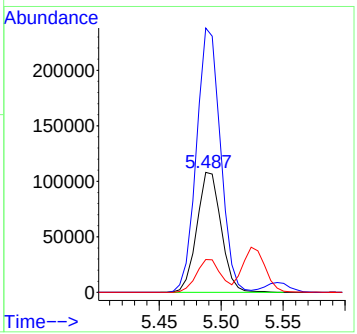


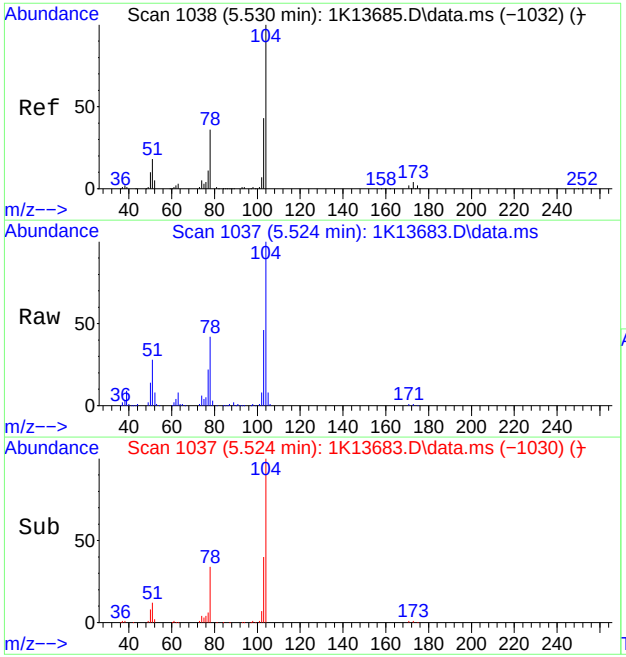


#89
o-xylene
Concen: 19.84 ug/L
RT: 5.487 min Scan# 1030
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:106 Resp: 147541

Ion	Ratio	Lower	Upper
106	100		
91	220.3	186.3	246.3
77	27.5	7.1	47.1

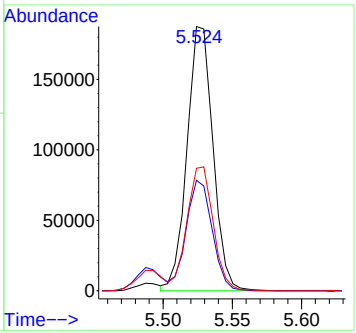


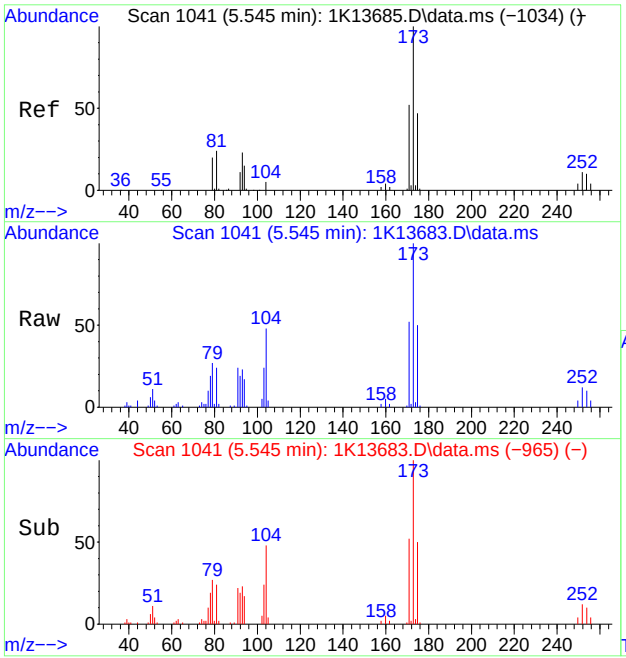


#90
styrene
Concen: 20.11 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:104 Resp: 245048

Ion	Ratio	Lower	Upper
104	100		
78	41.8	10.4	70.4
103	46.3	17.6	77.6

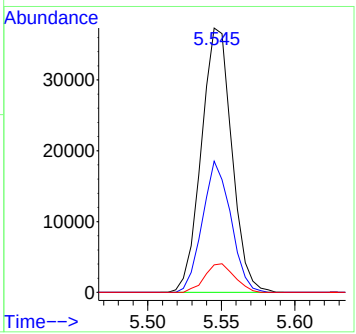


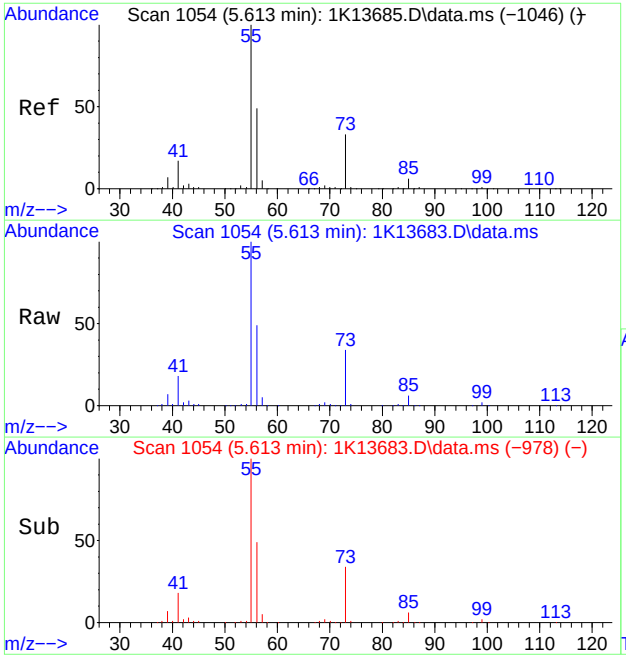


#91
bromoform
Concen: 21.62 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:173 Resp: 53631

Ion	Ratio	Lower	Upper
173	100		
175	49.6	17.2	77.2
254	10.4	0.0	39.9

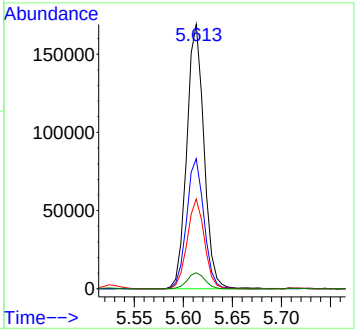


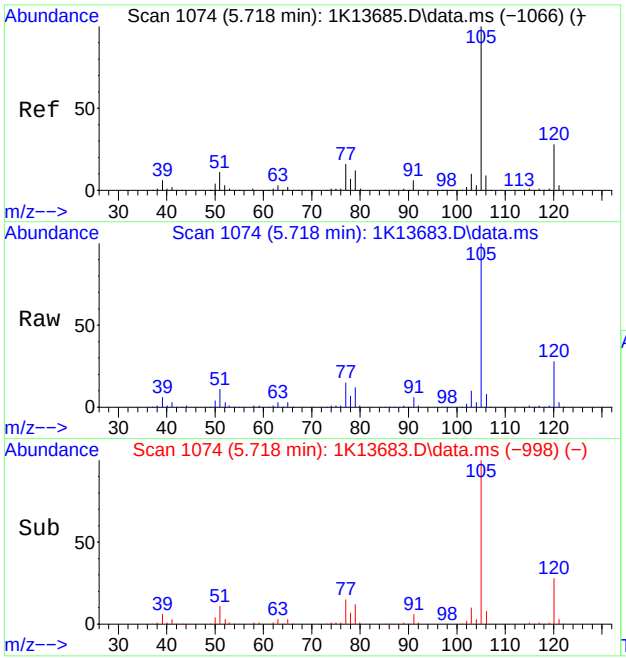


#92
butyl acrylate
Concen: 20.70 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 55 Resp: 206873

Ion	Ratio	Lower	Upper
55	100		
56	49.2	19.4	79.4
73	33.9	3.4	63.4
85	6.0	0.0	36.1

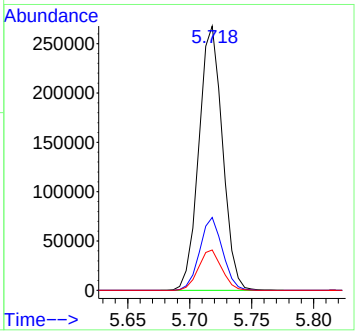


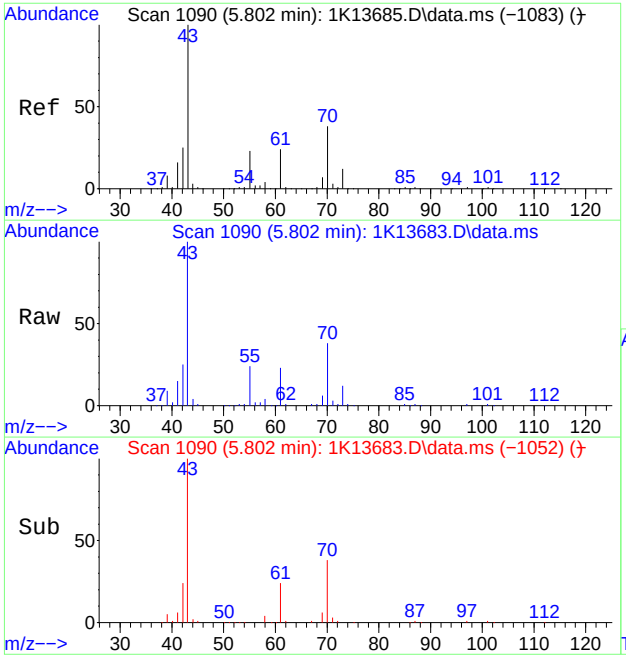


#93
isopropylbenzene
Concen: 20.08 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:105 Resp: 355398

Ion	Ratio	Lower	Upper
105	100		
120	27.6	7.6	47.6
77	15.3	0.0	35.6

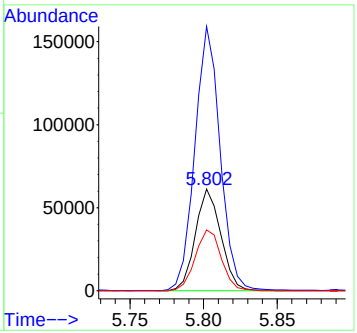


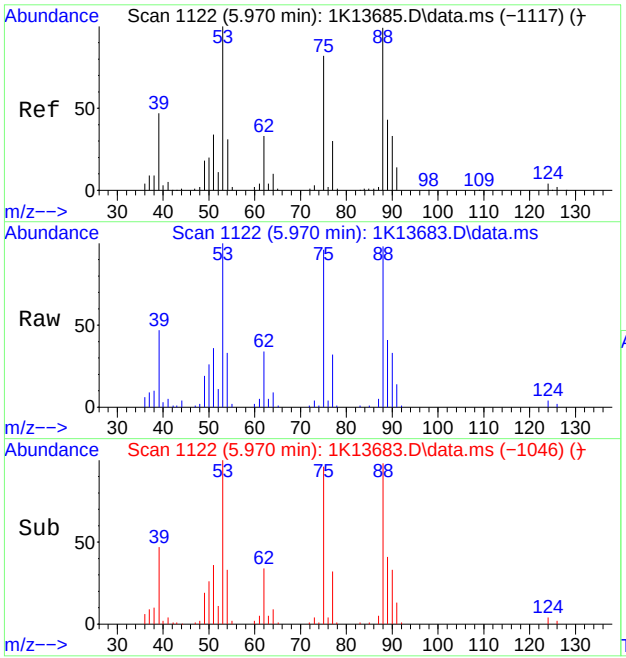


#94
n-amyl acetate
Concen: 20.49 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 70 Resp: 73999

Ion	Ratio	Lower	Upper
70	100		
43	260.0	241.4	281.4
61	60.0	43.1	83.1

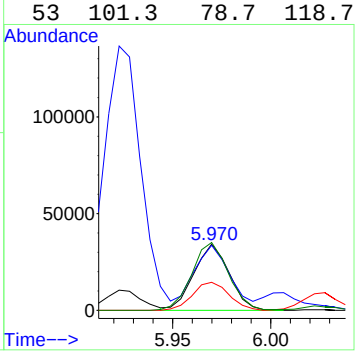


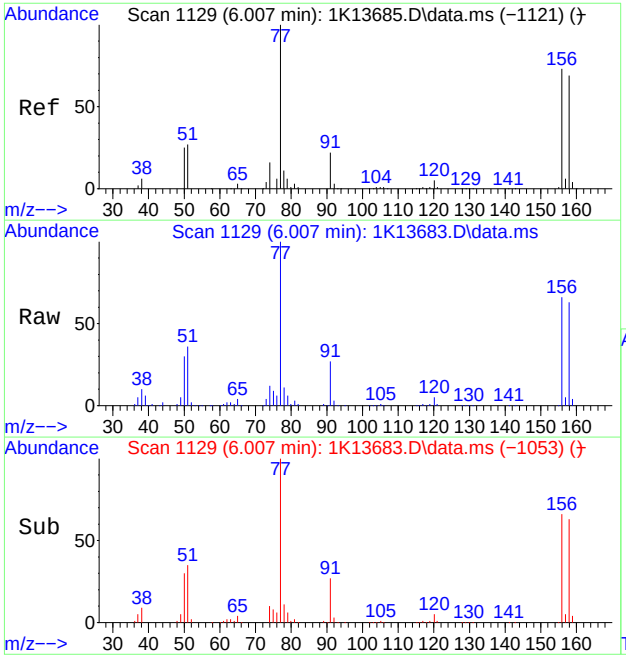


#95
cis-1,4-dichloro-2-butene
Concen: 20.81 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 88 Resp: 42931

Ion	Ratio	Lower	Upper
88	100		
75	71.4	61.4	101.4
89	42.3	22.1	62.1
53	101.3	78.7	118.7

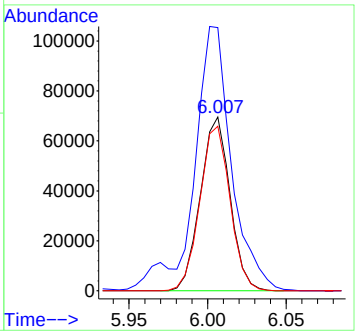


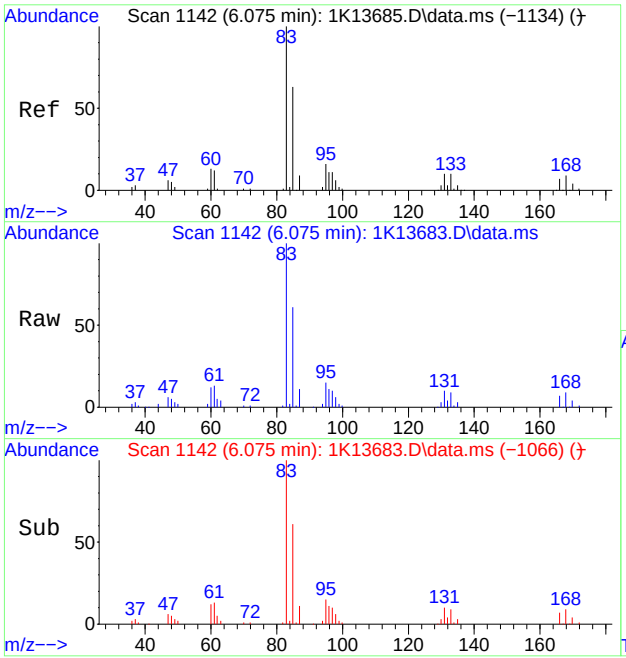


#98
bromobenzene
Concen: 19.56 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:156 Resp: 91509

Ion	Ratio	Lower	Upper
156	100		
77	150.7	121.4	181.4
158	94.8	64.8	124.8

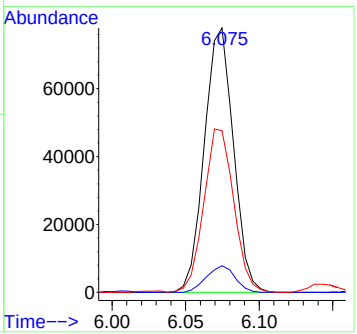


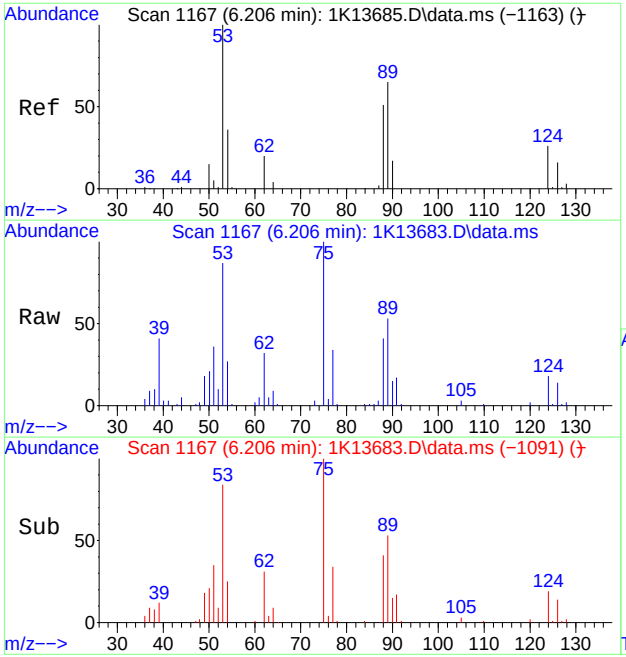


#99
1,1,2,2-tetrachloroethane
Concen: 20.61 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 83 Resp: 107054

Ion	Ratio	Lower	Upper
83	100		
131	10.1	0.0	40.4
85	61.2	33.3	93.3

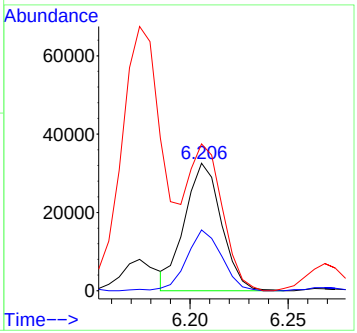


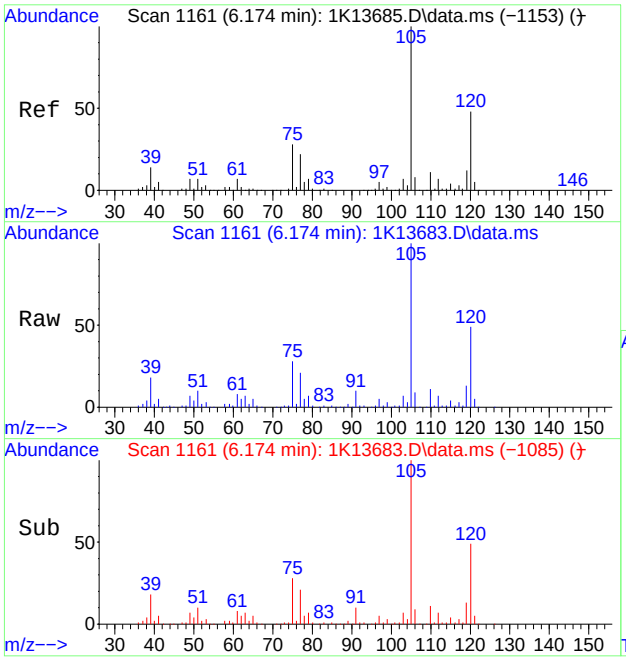


#100
trans-1,4-dichloro-2-butene
Concen: 20.20 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 53 Resp: 42497

Ion	Ratio	Lower	Upper
53	100		
88	47.7	15.0	75.0
75	113.2	88.4	148.4

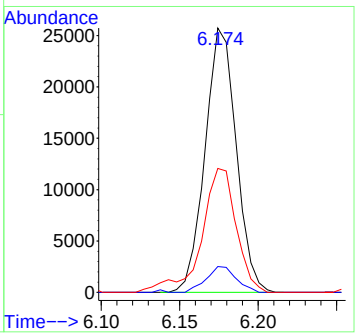


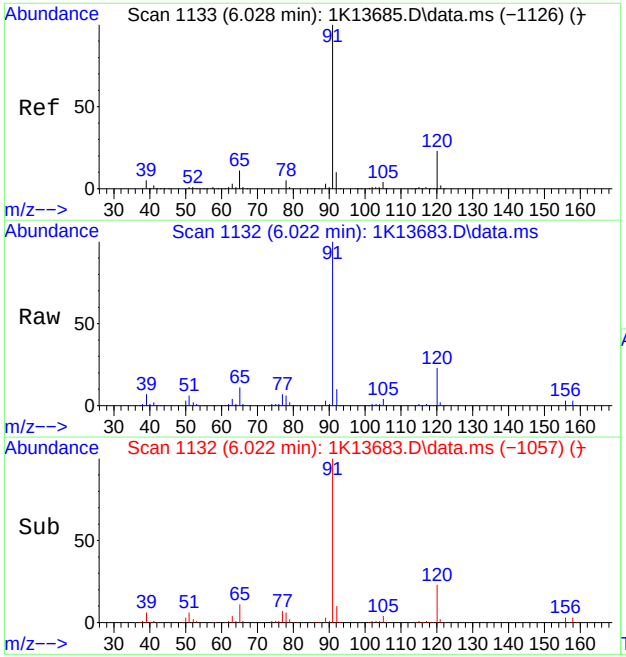


#101
1,2,3-trichloropropane
Concen: 20.40 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:110 Resp: 35546

Ion	Ratio	Lower	Upper
110	100		
111	9.7	0.0	40.4
97	46.9	19.6	79.6

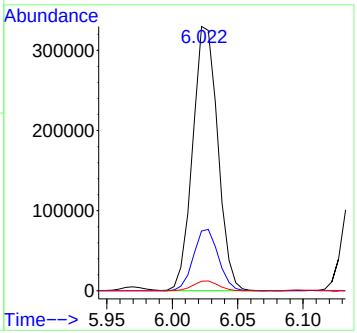


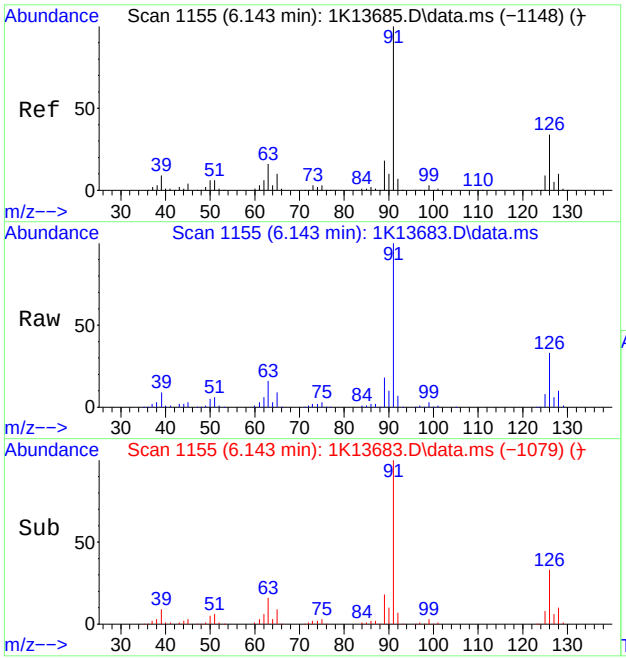


#102
n-propylbenzene
Concen: 19.69 ug/L
RT: 6.022 min Scan# 1132
Delta R.T. -0.005 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 91 Resp: 440596

Ion	Ratio	Lower	Upper
91	100		
120	22.6	0.0	53.1
105	3.6	0.0	33.8

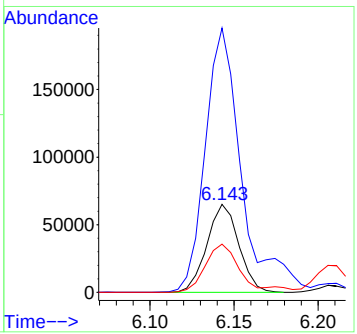


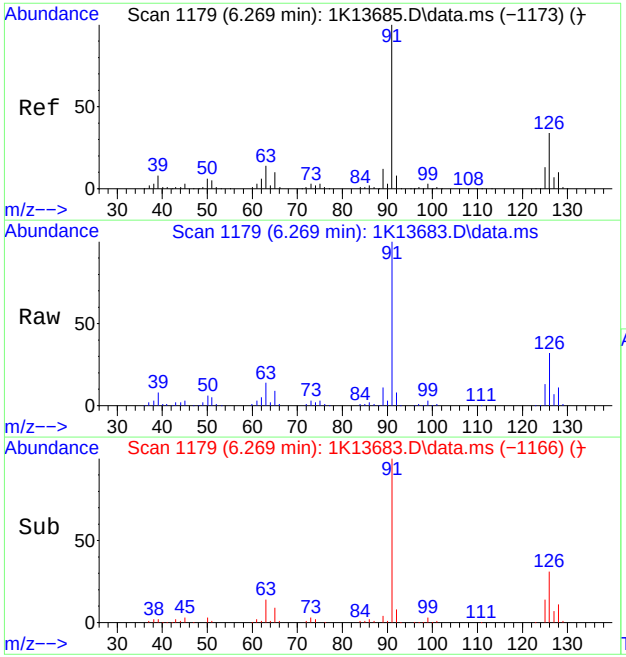


#103
2-chlorotoluene
Concen: 19.79 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:126 Resp: 86207

Ion	Ratio	Lower	Upper
126	100		
91	299.5	265.3	325.3
89	54.9	24.5	84.5

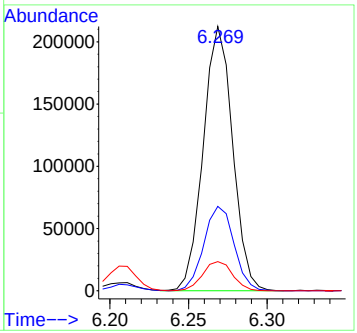


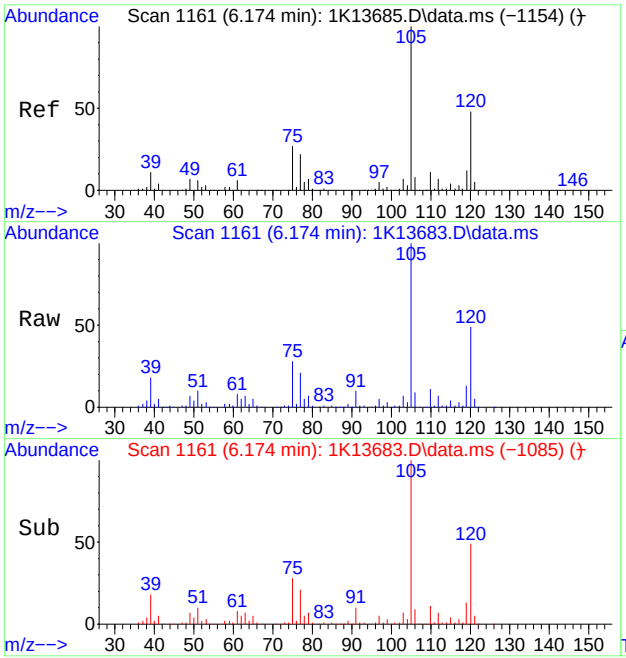


#104
4-chlorotoluene
Concen: 19.52 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 91 Resp: 277362

Ion	Ratio	Lower	Upper
91	100		
126	31.9	3.8	63.8
89	11.1	0.0	41.7

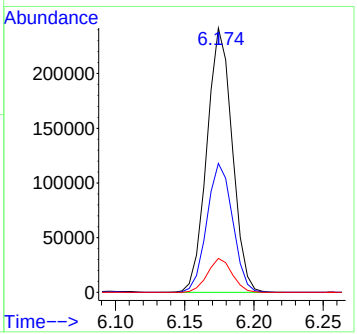


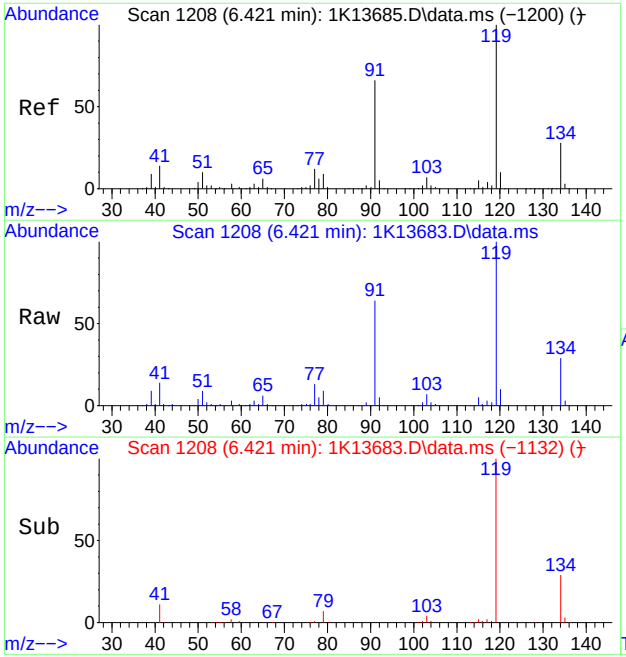


#105
1,3,5-trimethylbenzene
Concen: 20.15 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:105 Resp: 307031

Ion	Ratio	Lower	Upper
105	100		
120	48.8	18.3	78.3
119	12.8	0.0	42.2

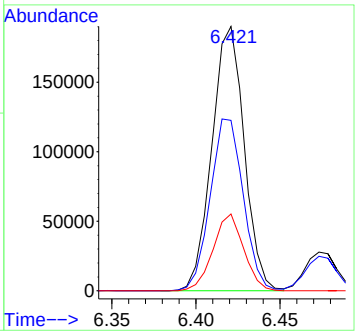


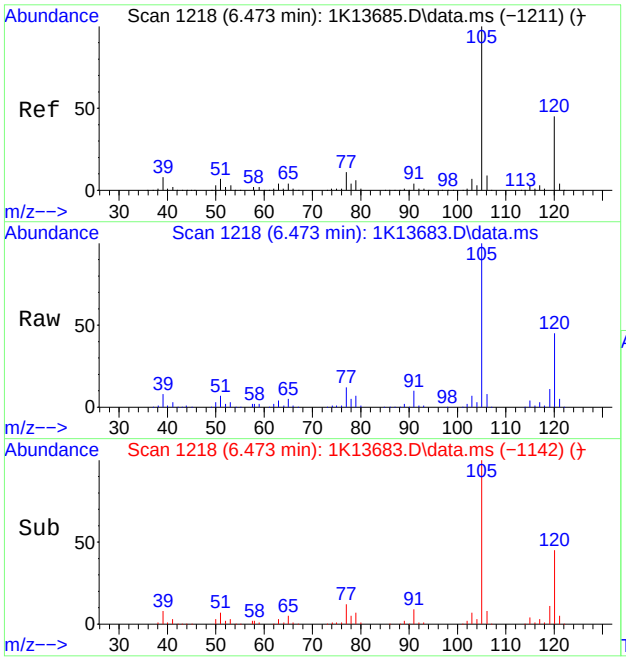


#106
tert-butylbenzene
Concen: 19.95 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:119 Resp: 255074

Ion	Ratio	Lower	Upper
119	100		
91	64.4	36.3	96.3
134	29.1	0.0	57.5

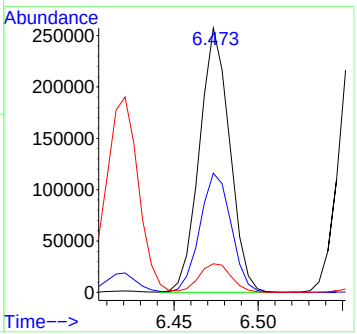


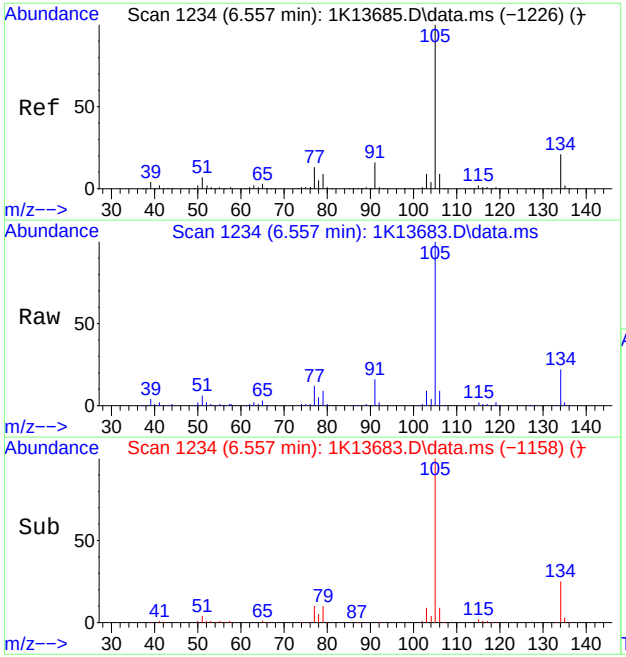


#107
1,2,4-trimethylbenzene
Concen: 20.50 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:105 Resp: 322527

Ion	Ratio	Lower	Upper
105	100		
120	45.0	16.6	76.6
119	10.8	0.0	41.7

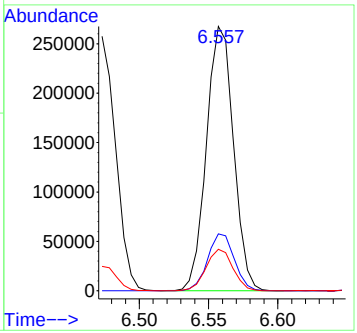


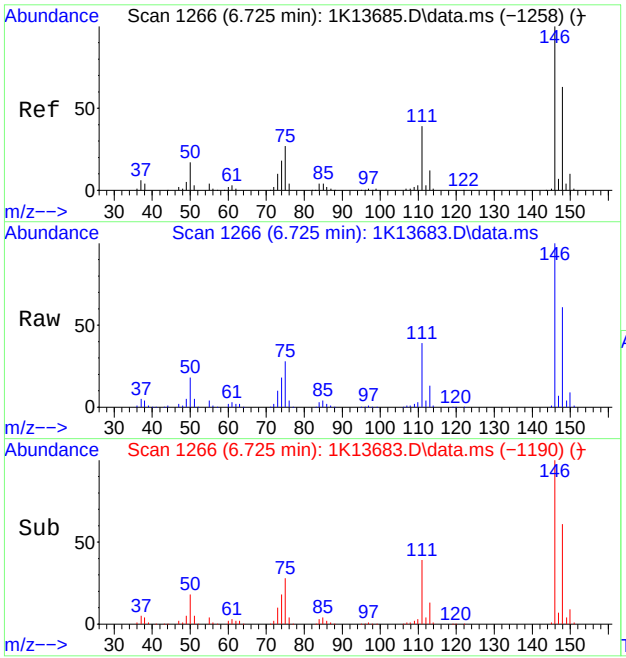


#108
sec-butylbenzene
Concen: 20.22 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:105 Resp: 363167

Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	50.7
91	15.7	0.0	45.7

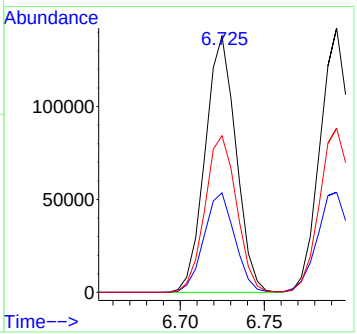


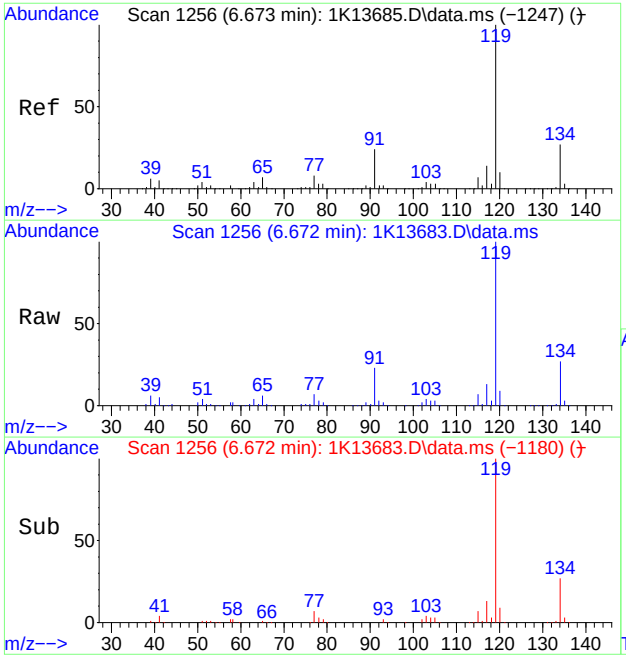


#109
1,3-dichlorobenzene
Concen: 19.48 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:146 Resp: 176575

Ion	Ratio	Lower	Upper
146	100		
111	38.8	8.8	68.8
148	61.2	33.3	93.3

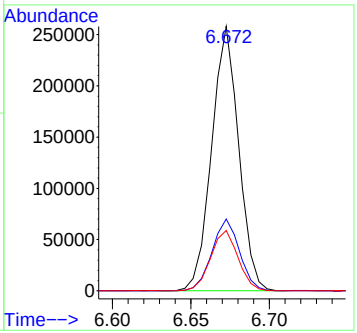


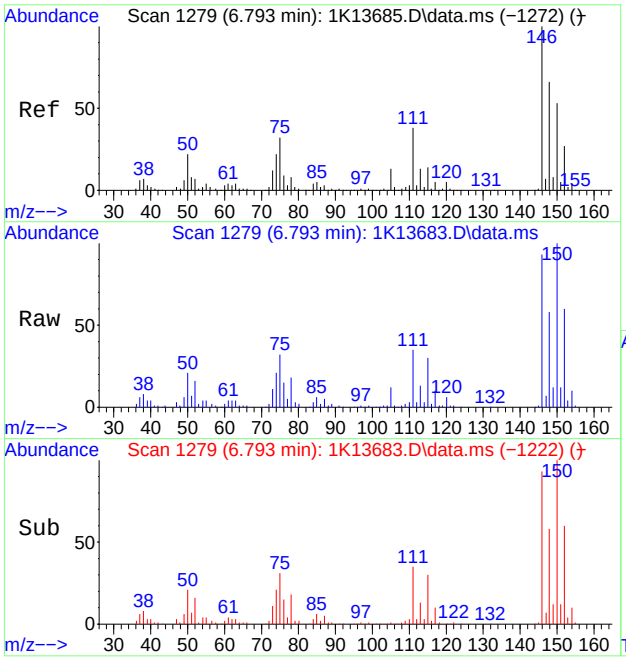


#110
p-isopropyltoluene
Concen: 20.42 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:119 Resp: 309294

Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	57.5
91	22.8	0.0	53.9

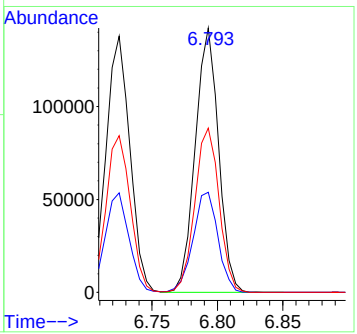


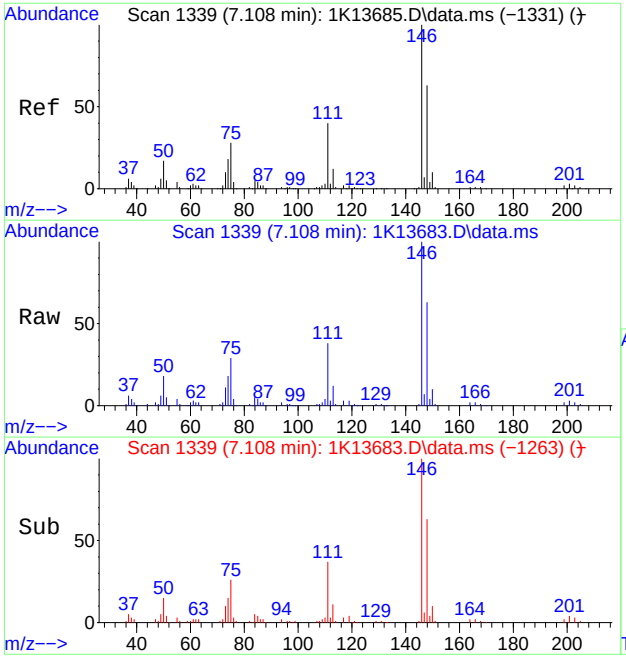


#111
1,4-dichlorobenzene
Concen: 19.10 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:146 Resp: 176053

Ion	Ratio	Lower	Upper
146	100		
111	37.8	7.8	67.8
148	62.2	35.5	95.5

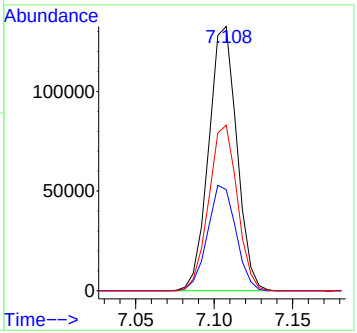


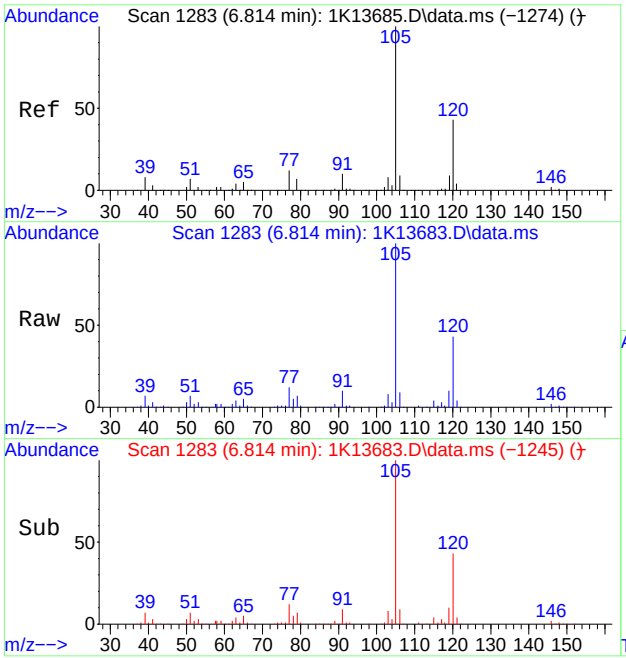


#112
1,2-dichlorobenzene
Concen: 19.25 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:146 Resp: 165812

Ion	Ratio	Lower	Upper
146	100		
111	38.3	9.5	69.5
148	62.6	32.9	92.9

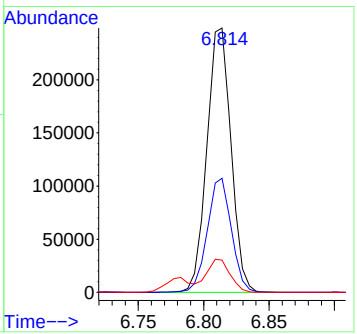


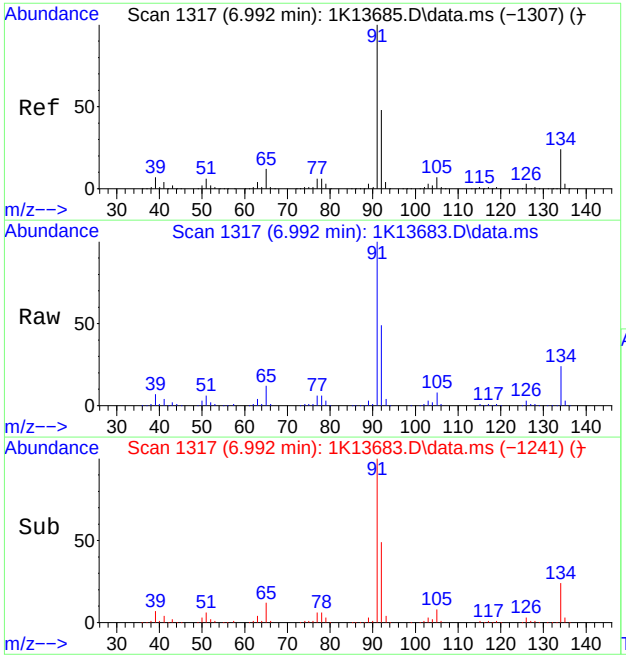


#113
1,2,3-trimethylbenzene
Concen: 19.58 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:105 Resp: 320547

Ion	Ratio	Lower	Upper
105	100		
120	43.2	13.3	73.3
77	12.2	0.0	42.2

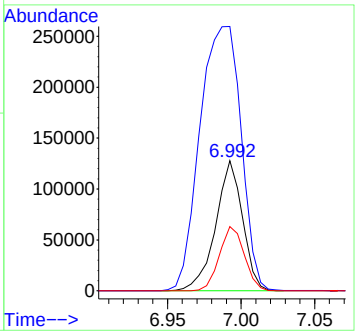


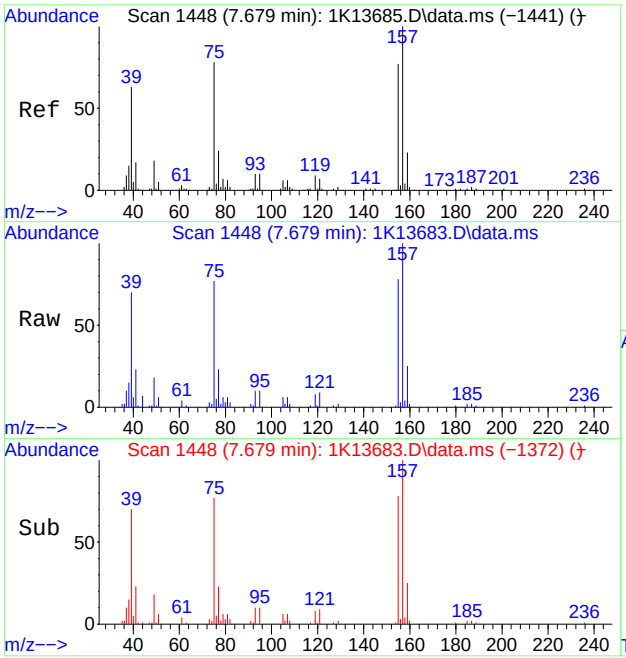


#114
n-butylbenzene
Concen: 20.11 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion: 92 Resp: 162823

Ion	Ratio	Lower	Upper
92	100		
91	203.4	176.9	236.9
134	49.5	18.8	78.8

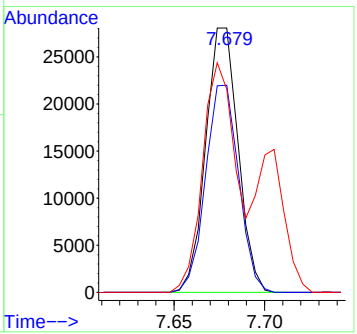


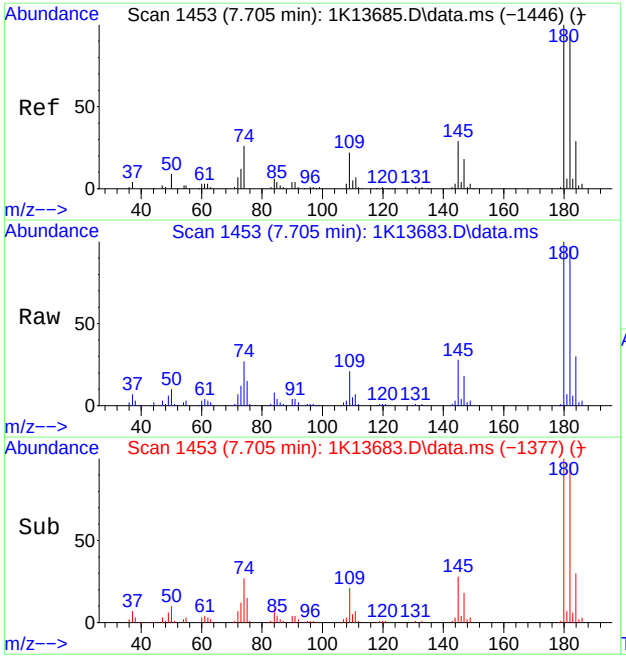


#115
1,2-dibromo-3-chloropropane
Concen: 20.54 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:157 Resp: 34867

Ion	Ratio	Lower	Upper
157	100		
155	78.3	47.4	107.4
75	76.8	47.7	107.7

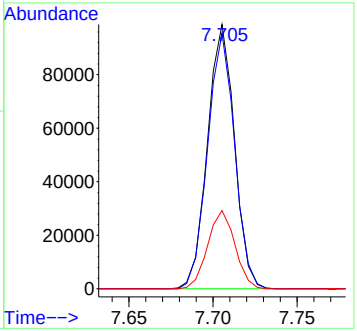


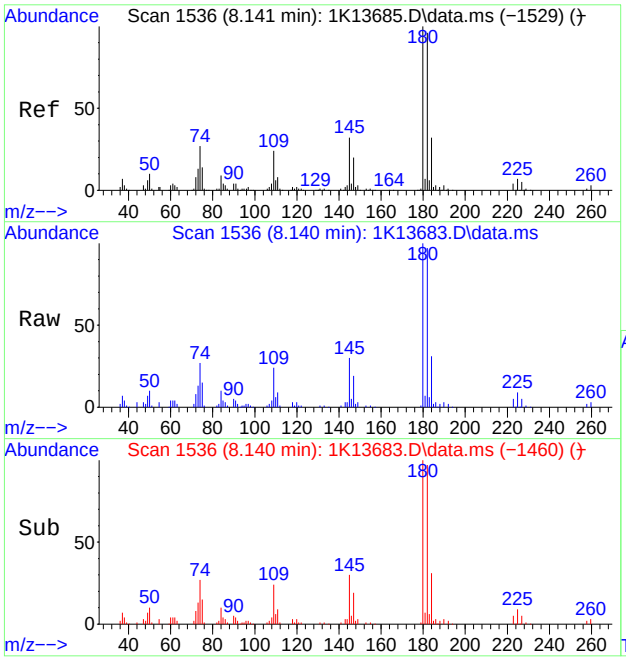


#116
1,3,5-trichlorobenzene
Concen: 19.35 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:180 Resp: 110198

Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.2	114.2
184	29.6	9.3	49.3

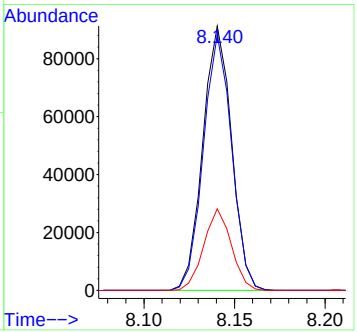


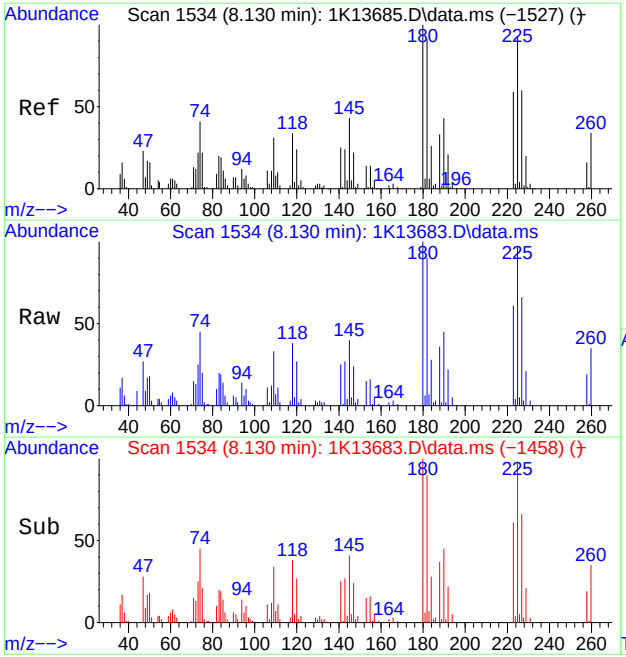


#117
1,2,4-trichlorobenzene
Concen: 19.64 ug/L
RT: 8.140 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:180 Resp: 100823

Ion	Ratio	Lower	Upper
180	100		
182	96.7	66.2	126.2
184	30.8	1.6	61.6

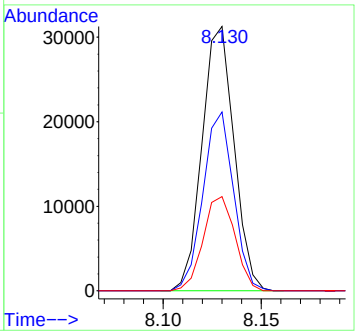


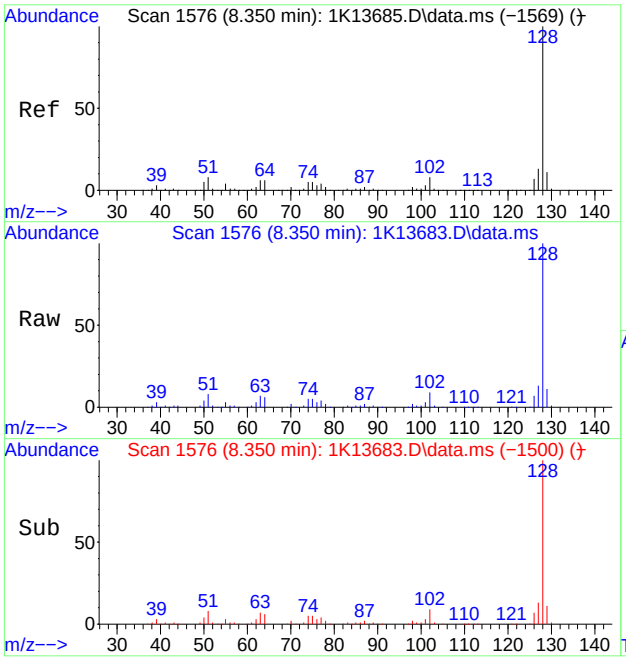


#118
hexachlorobutadiene
Concen: 19.63 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:225 Resp: 35567

Ion	Ratio	Lower	Upper
225	100		
227	67.7	34.0	94.0
260	35.6	6.4	66.4

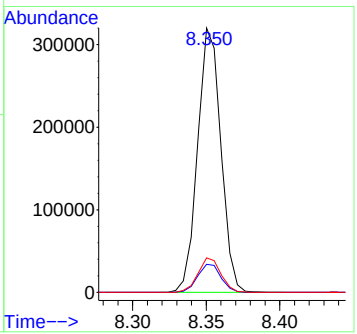


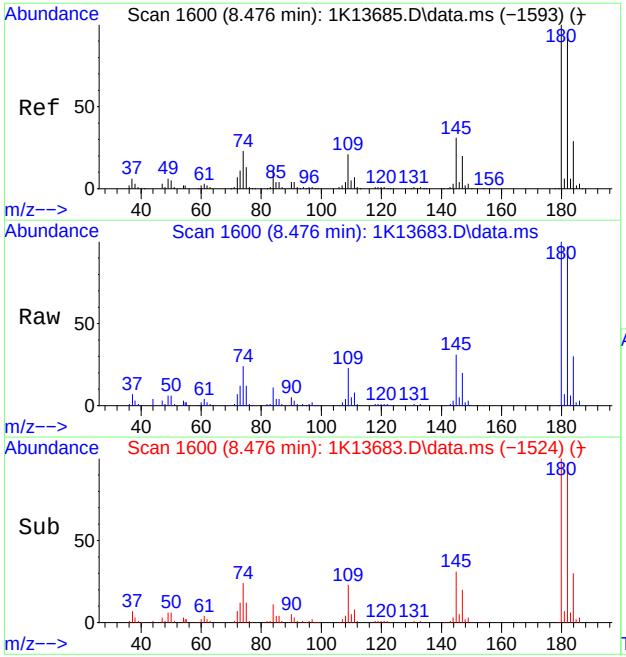


#119
naphthalene
Concen: 19.75 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:128 Resp: 351080

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.7
127	13.1	0.0	42.5

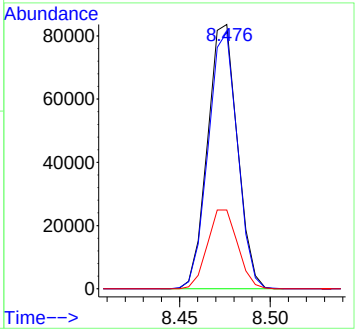


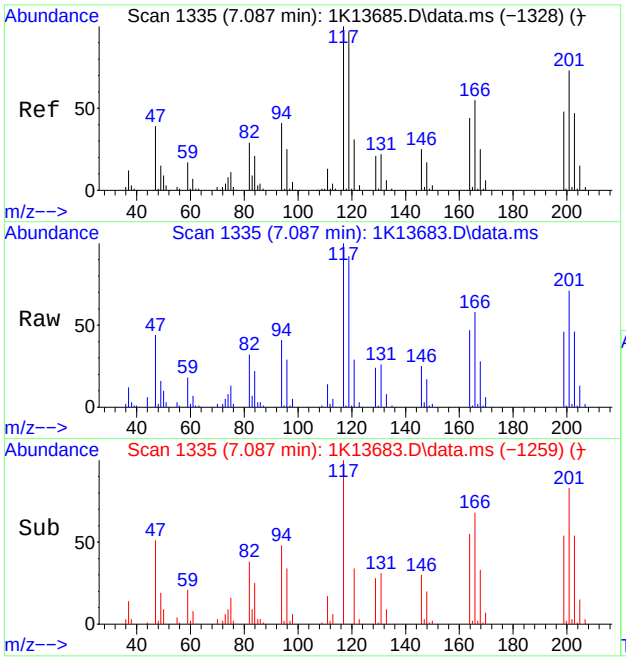


#120
1,2,3-trichlorobenzene
Concen: 20.09 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:180 Resp: 95574

Ion	Ratio	Lower	Upper
180	100		
182	97.1	64.7	124.7
184	29.8	0.0	59.2

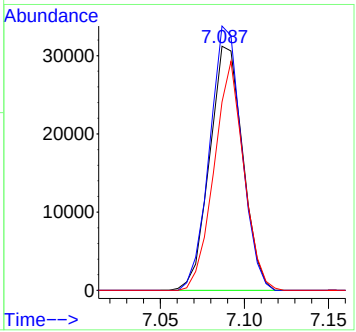


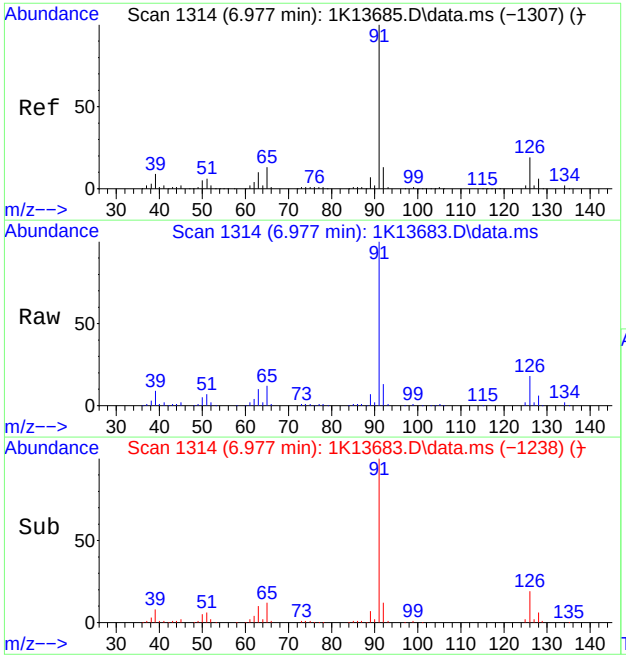


#121
hexachloroethane
Concen: 21.26 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:119 Resp: 42769

Ion	Ratio	Lower	Upper
119	100		
117	108.3	73.4	133.4
201	77.1	45.3	105.3

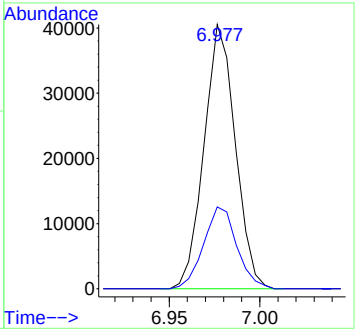


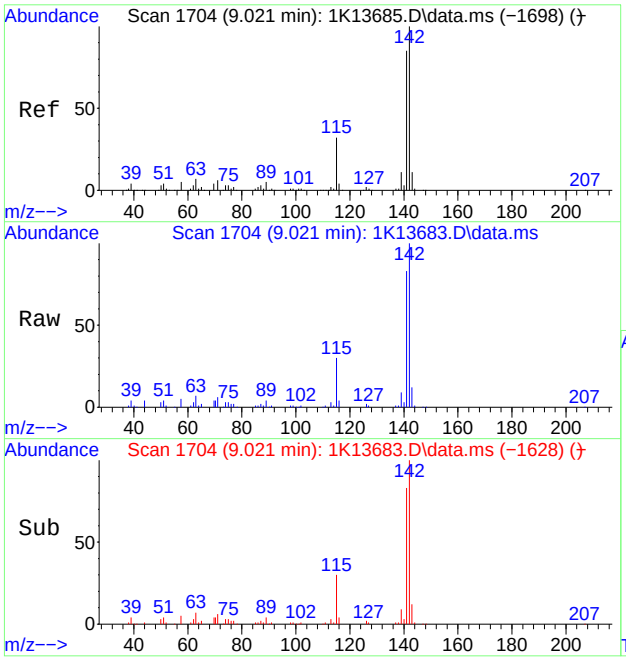


#122
benzyl chloride
Concen: 21.28 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:126 Resp: 48599

Ion	Ratio	Lower	Upper
126	100		
128	30.9	2.6	62.6

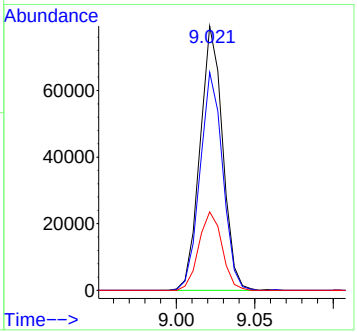




#123
2-methylnaphthalene
Concen: 11.07 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13683.D
Acq: 2 Dec 2023 5:00 pm

Tgt Ion:142 Resp: 79613

Ion	Ratio	Lower	Upper
142	100		
141	82.5	55.2	115.2
115	29.7	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13685.D
Acq On : 2 Dec 2023 5:32 pm
Operator : PrashanS
Sample : ICC376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 04 15:30:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	540897	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	494356	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	930102	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	761331	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	373269	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	494356	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	373269	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	249787	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.00%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	300599	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.00%				
73) toluene-d8 (s)	4.062	98	1040717	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
97) 4-bromofluorobenzene (s)	5.923	95	368608	50.00	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.00%				
Target Compounds							Qvalue
2) ethanol	1.676	45	576223	5000.00	ug/L		100
3) tertiary butyl alcohol	2.090	59	347733	250.00	ug/L		100
4) 1,4-dioxane	3.689	88	132704	1250.00	ug/L		100
6) chlorodifluoromethane	1.115	51	303632	50.00	ug/L		100
7) dichlorodifluoromethane	1.094	85	204201	50.00	ug/L		100
8) chloromethane	1.194	50	215930	50.00	ug/L		100
9) vinyl chloride	1.230	62	253182	50.00	ug/L		100
10) 1,3-butadiene	1.230	39	237350	50.00	ug/L		100
11) bromomethane	1.372	96	46270	50.00	ug/L	#	100
12) chloroethane	1.430	64	115267	50.00	ug/L		100
13) trichlorofluoromethane	1.487	101	281808	50.00	ug/L		100
14) ethyl ether	1.613	74	117936	50.00	ug/L		100
15) acrolein	1.859	56	58232	50.00	ug/L		100
16) freon 113	1.723	151	156059	50.00	ug/L		100
17) 1,1-dichloroethene	1.713	61	305118	50.00	ug/L		100
18) acetone	1.980	58	192692	200.00	ug/L		100
19) acetonitrile	2.195	41	421020	500.00	ug/L		100
20) iodomethane	1.791	142	143966	50.00	ug/L		100
21) carbon disulfide	1.749	76	568449	50.00	ug/L		100
22) methylene chloride	1.970	84	208955	50.00	ug/L		100
23) methyl acetate	2.022	74	56013	50.00	ug/L		100
24) methyl tert butyl ether	2.074	73	661398	50.00	ug/L		100
25) trans-1,2-dichloroethene	2.038	96	200307	50.00	ug/L		100
26) hexane	2.069	57	546006	50.00	ug/L		100
27) di-isopropyl ether	2.232	45	714506	50.00	ug/L		100
28) ethyl tert-butyl ether	2.399	59	759117	50.00	ug/L		100
29) 2-butanone	2.819	72	224098	200.00	ug/L		100
30) 1,1-dichloroethane	2.310	63	402429	50.00	ug/L		100
31) chloroprene	2.300	53	406607	50.00	ug/L		100
32) acrylonitrile	2.331	52	112663	50.00	ug/L		100
33) vinyl acetate	2.405	86	51530	50.00	ug/L		100
34) ethyl acetate	2.714	70	33499	50.00	ug/L		100
35) 2,2-dichloropropane	2.614	77	320069	50.00	ug/L		100
36) cis-1,2-dichloroethene	2.557	96	222550	50.00	ug/L		100
37) propionitrile	2.976	54	665411	500.00	ug/L		100
38) methyl acrylate	2.730	85	59688	50.00	ug/L		100
39) bromochloromethane	2.656	128	104310	50.00	ug/L		100
40) tetrahydrofuran	2.761	71	47136	50.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13685.D
Acq On : 2 Dec 2023 5:32 pm
Operator : PrashanS
Sample : ICC376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 04 15:30:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	123427	50.00	ug/L		100
43) methacrylonitrile	2.981	67	133025	50.00	ug/L		100
44) 1,1,1-trichloroethane	2.793	97	339372	50.00	ug/L		100
45) cyclohexane	2.672	84	377418	50.00	ug/L		100
46) 1,1-dichloropropene	2.850	75	313272	50.00	ug/L		100
47) carbon tetrachloride	2.766	117	278810	50.00	ug/L		100
48) isobutyl alcohol	3.013	43	494895	500.00	ug/L		100
49) tert-amyl alcohol	3.092	55	120526	250.00	ug/L		100
52) iso-octane	2.898	57	694006	50.00	ug/L		100
53) benzene	2.976	78	902582	50.00	ug/L		100
54) tert-amyl methyl ether	3.013	73	690216	50.00	ug/L		100
55) heptane	2.939	57	131961	50.00	ug/L		100
56) isopropyl acetate	3.165	87	70960	50.00	ug/L		100
57) 1,2-dichloroethane	3.076	62	309107	50.00	ug/L		100
58) n-butyl alcohol	3.401	56	980947	2500.00	ug/L		100
59) ethyl acrylate	3.532	55	424453	50.00	ug/L		100
60) trichloroethene	3.275	130	232169	50.00	ug/L		100
61) 2-nitropropane	4.224	41	115393	50.00	ug/L		100
62) 2-chloroethyl vinyl ether	3.894	63	659622	250.00	ug/L		100
63) methyl methacrylate	3.653	100	78862	50.00	ug/L		100
64) 1,2-dichloropropane	3.558	63	239306	50.00	ug/L		100
65) methylcyclohexane	3.280	98	179607	50.00	ug/L	#	100
66) dibromomethane	3.501	93	131468	50.00	ug/L		100
67) bromodichloromethane	3.584	83	283582	50.00	ug/L		100
68) epichlorohydrin	4.088	57	239356	250.00	ug/L		100
69) cis-1,3-dichloropropene	3.946	75	375042	50.00	ug/L		100
70) 4-methyl-2-pentanone	4.308	58	559123	200.00	ug/L		100
71) 3-methyl-1-butanol	4.166	70	317106	1000.00	ug/L		100
74) toluene	4.093	92	542577	50.00	ug/L		100
75) ethyl methacrylate	4.423	69	322428	50.00	ug/L		100
76) trans-1,3-dichloropropene	4.339	75	352718	50.00	ug/L		100
77) 1,1,2-trichloroethane	4.439	83	166023	50.00	ug/L		100
78) tetrachloroethene	4.334	166	223535	50.00	ug/L		100
79) 2-hexanone	4.848	58	625804	200.00	ug/L		100
80) 1,3-dichloropropane	4.623	76	360463	50.00	ug/L		100
81) butyl acetate	4.780	56	211458	50.00	ug/L		100
82) dibromochloromethane	4.560	129	210918	50.00	ug/L		100
83) 1,2-dibromoethane	4.722	107	210015	50.00	ug/L		100
84) n-butyl ether	4.995	57	1104268	50.00	ug/L		100
85) chlorobenzene	5.073	112	579257	50.00	ug/L		100
86) 1,1,1,2-tetrachloroethane	5.110	131	204294	50.00	ug/L		100
87) ethylbenzene	5.084	91	1052521	50.00	ug/L		100
88) m,p-xylene	5.189	106	812184	100.00	ug/L		100
89) o-xylene	5.488	106	393522	50.00	ug/L		100
90) styrene	5.530	104	655390	50.00	ug/L		100
91) bromoform	5.545	173	152453	50.00	ug/L		100
92) butyl acrylate	5.613	55	573556	50.00	ug/L		100
93) isopropylbenzene	5.718	105	943745	50.00	ug/L		100
94) n-amyl acetate	5.802	70	201923	50.00	ug/L		100
95) cis-1,4-dichloro-2-butene	5.970	88	128209	50.00	ug/L		100
98) bromobenzene	6.007	156	243507	50.00	ug/L		100
99) 1,1,2,2-tetrachloroethane	6.075	83	290323	50.00	ug/L		100
100) trans-1,4-dichloro-2-b...	6.206	53	120316	50.00	ug/L		100
101) 1,2,3-trichloropropane	6.174	110	96980	50.00	ug/L		100
102) n-propylbenzene	6.028	91	1173835	50.00	ug/L		100
103) 2-chlorotoluene	6.143	126	232915	50.00	ug/L		100
104) 4-chlorotoluene	6.269	91	733846	50.00	ug/L		100
105) 1,3,5-trimethylbenzene	6.174	105	818006	50.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13685.D
Acq On : 2 Dec 2023 5:32 pm
Operator : PrashanS
Sample : ICC376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 04 15:30:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	675876	50.00	ug/L	100
107) 1,2,4-trimethylbenzene	6.473	105	854473	50.00	ug/L	100
108) sec-butylbenzene	6.557	105	968182	50.00	ug/L	100
109) 1,3-dichlorobenzene	6.725	146	467503	50.00	ug/L	100
110) p-isopropyltoluene	6.673	119	826757	50.00	ug/L	100
111) 1,4-dichlorobenzene	6.793	146	471129	50.00	ug/L	100
112) 1,2-dichlorobenzene	7.108	146	445332	50.00	ug/L	100
113) 1,2,3-trimethylbenzene	6.814	105	856632	50.00	ug/L	100
114) n-butylbenzene	6.992	92	444413	50.00	ug/L	100
115) 1,2-dibromo-3-chloropr...	7.679	157	99490	50.00	ug/L	100
116) 1,3,5-trichlorobenzene	7.705	180	303028	50.00	ug/L	100
117) 1,2,4-trichlorobenzene	8.141	180	275715	50.00	ug/L	100
118) hexachlorobutadiene	8.130	225	96260	50.00	ug/L	100
119) naphthalene	8.350	128	960770	50.00	ug/L	100
120) 1,2,3-trichlorobenzene	8.476	180	260845	50.00	ug/L	100
121) hexachloroethane	7.087	119	123980	50.00	ug/L	100
122) benzyl chloride	6.977	126	137697	50.00	ug/L	100
123) 2-methylnaphthalene	9.021	142	202340	25.00	ug/L	100

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

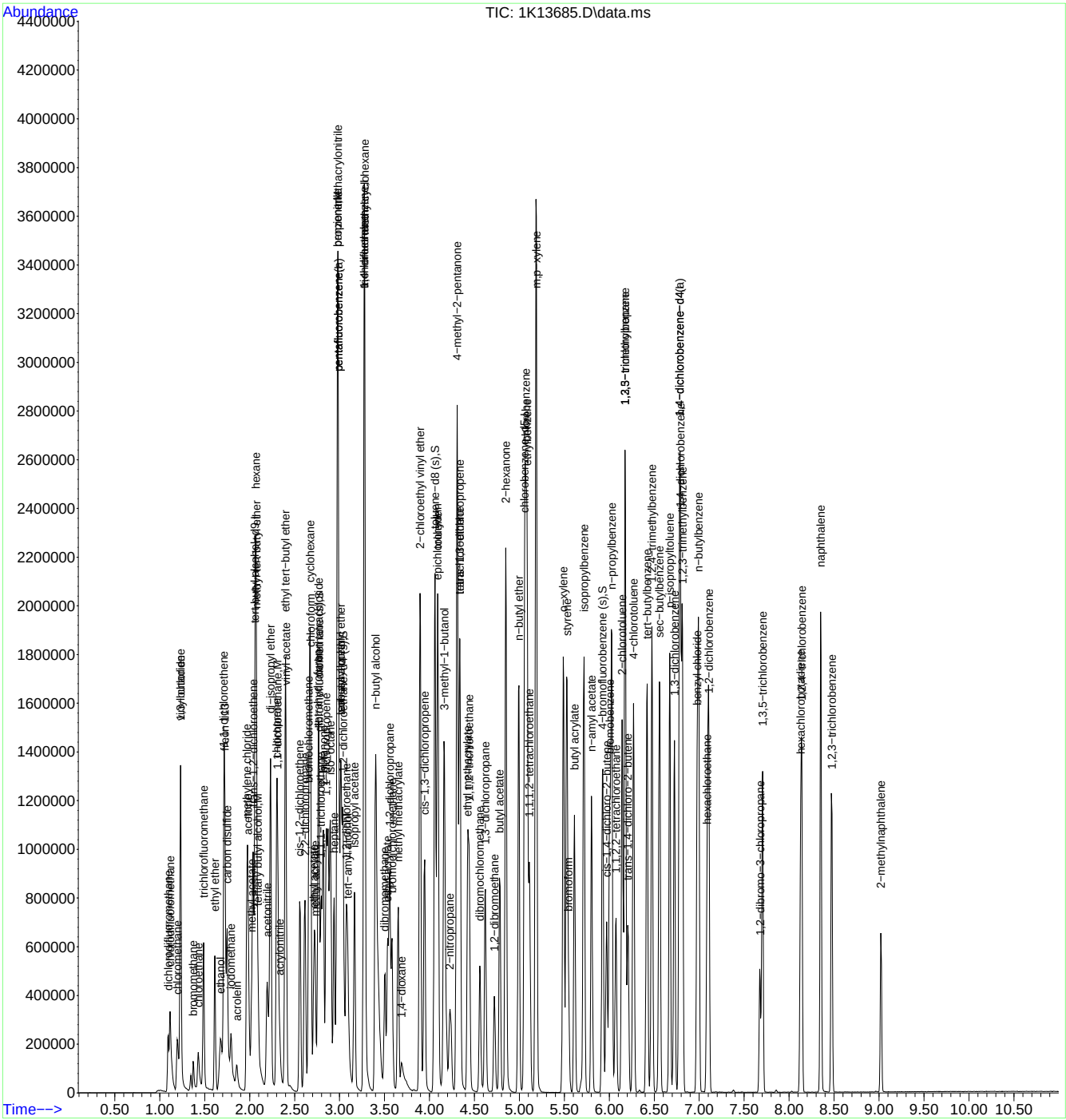
7.6.21

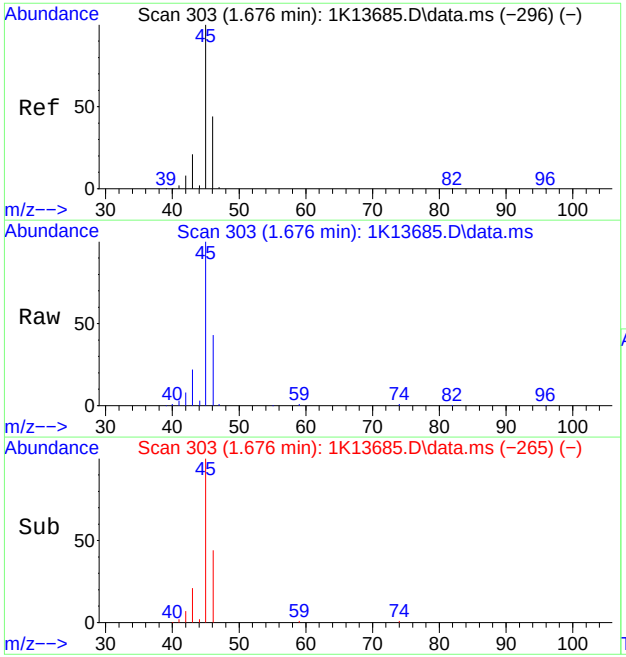
7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13685.D
Acq On : 2 Dec 2023 5:32 pm
Operator : PrashanS
Sample : ICC376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 04 15:30:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:21:35 2023
Response via : Initial Calibration

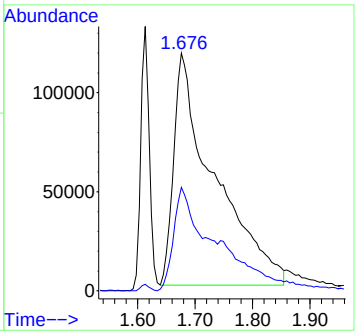


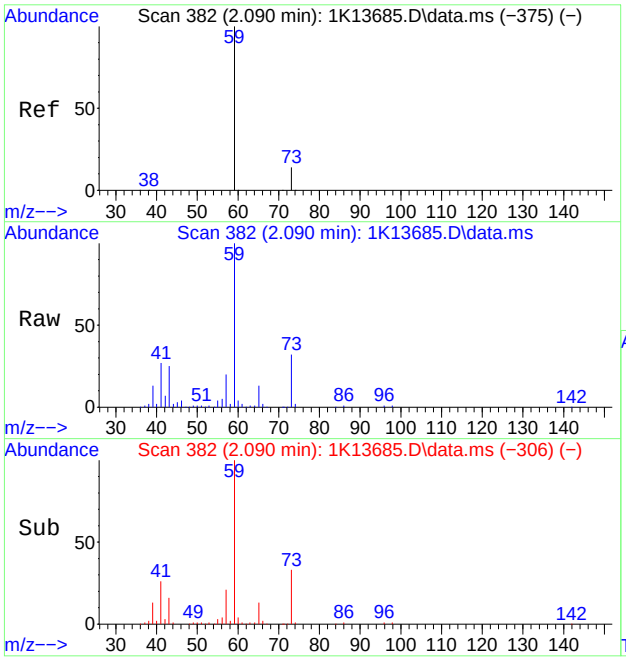


#2
ethanol
Concen: 5000.00 ug/L
RT: 1.676 min Scan# 303
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 45 Resp: 576223

Ion	Ratio	Lower	Upper
45	100		
46	43.9	23.9	63.9

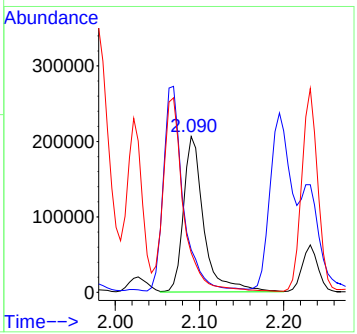




#3
tertiary butyl alcohol
Concen: 250.00 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 59 Resp: 347733

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	24.8	0.0	54.8



7.6.21

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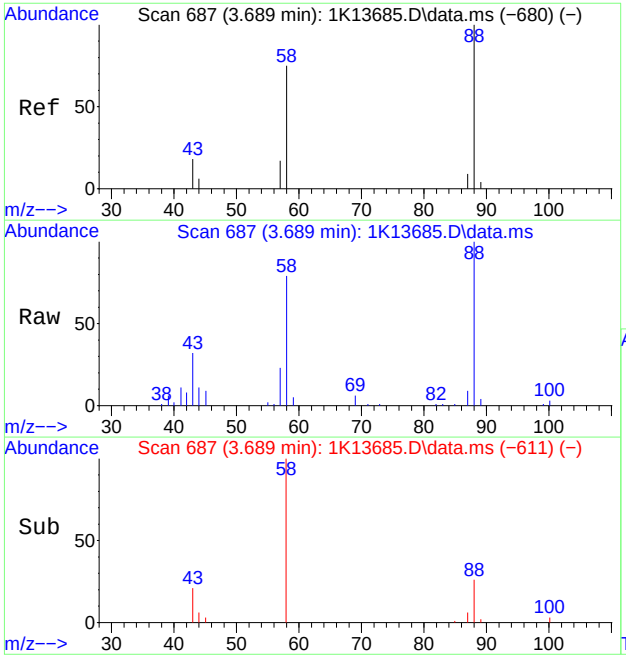
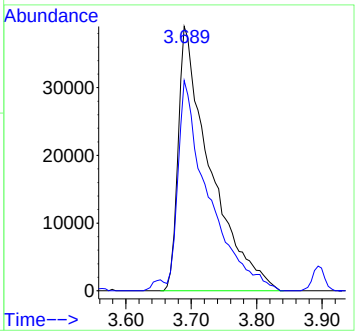
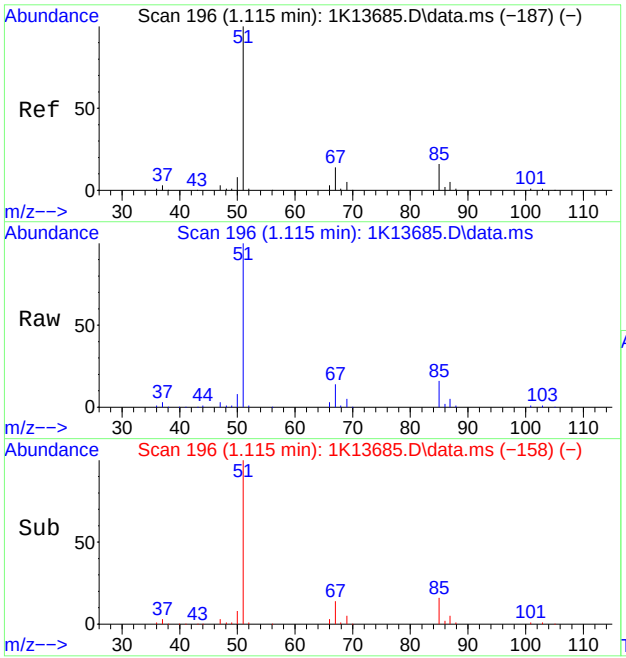


#4
1,4-dioxane
Concen: 1250.00 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 88 Resp: 132704

Ion	Ratio	Lower	Upper
88	100		
58	79.5	59.5	99.5

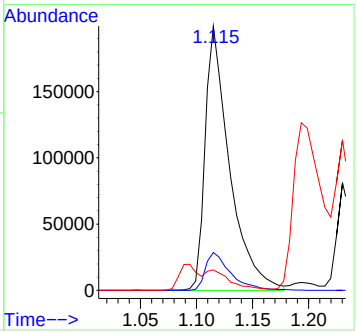




#6
chlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.115 min Scan# 196
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

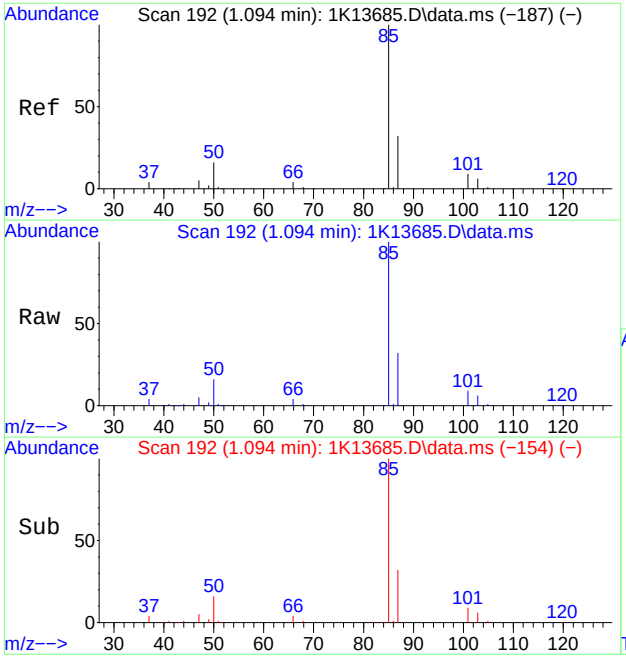
Tgt Ion: 51 Resp: 303632

Ion	Ratio	Lower	Upper
51	100		
67	14.3	0.0	44.3
50	7.7	0.0	37.7



7.6.21

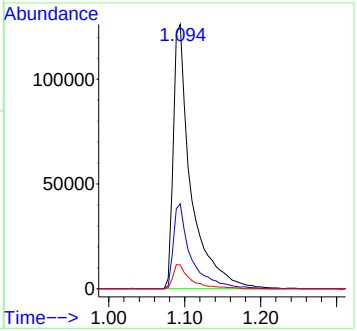
7

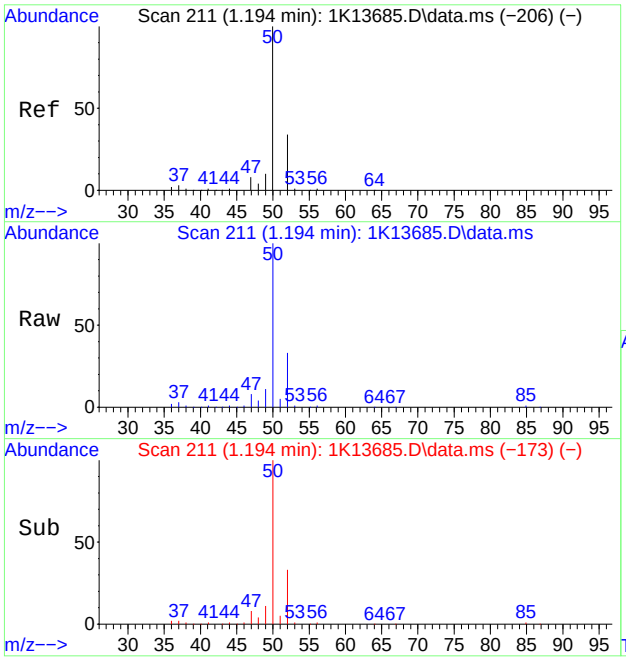


#7
dichlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.094 min Scan# 192
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 85 Resp: 204201

Ion	Ratio	Lower	Upper
85	100		
87	32.2	2.2	62.2
101	9.0	0.0	39.0

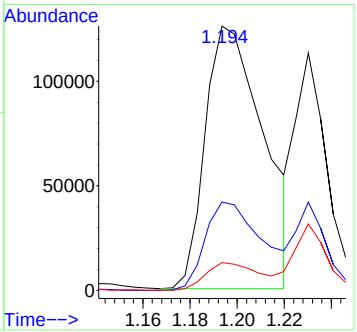


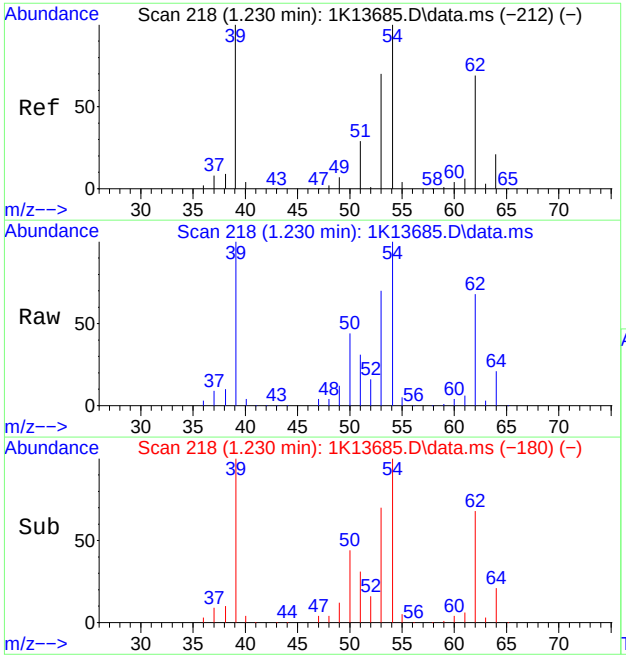


#8
chloromethane
Concen: 50.00 ug/L
RT: 1.194 min Scan# 211
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 50 Resp: 215930

Ion	Ratio	Lower	Upper
50	100		
52	33.6	3.6	63.6
49	10.4	0.0	40.4

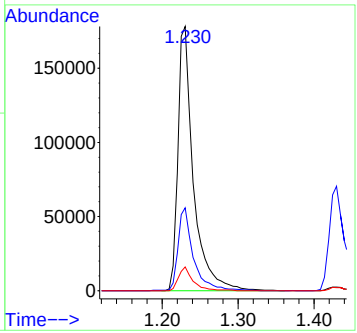


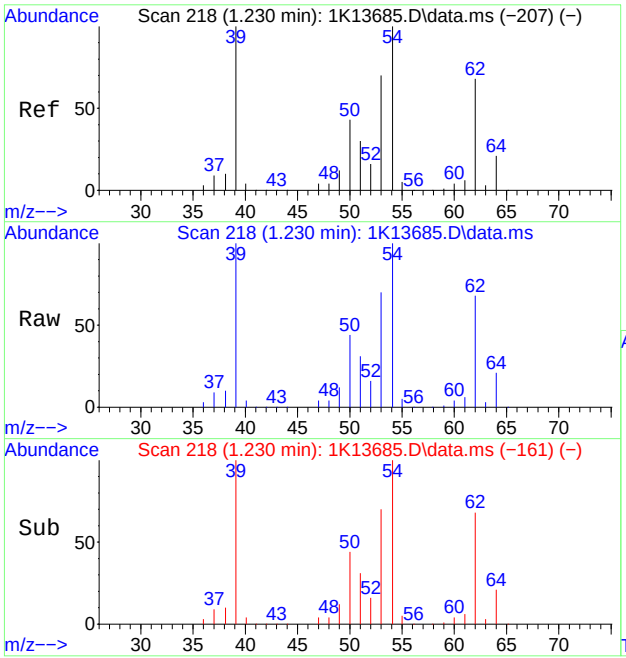


#9
vinyl chloride
Concen: 50.00 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 62 Resp: 253182

Ion	Ratio	Lower	Upper
62	100		
64	31.3	1.3	61.3
61	9.1	0.0	39.1

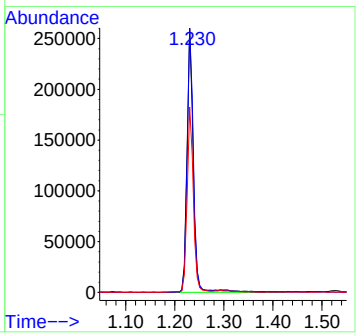


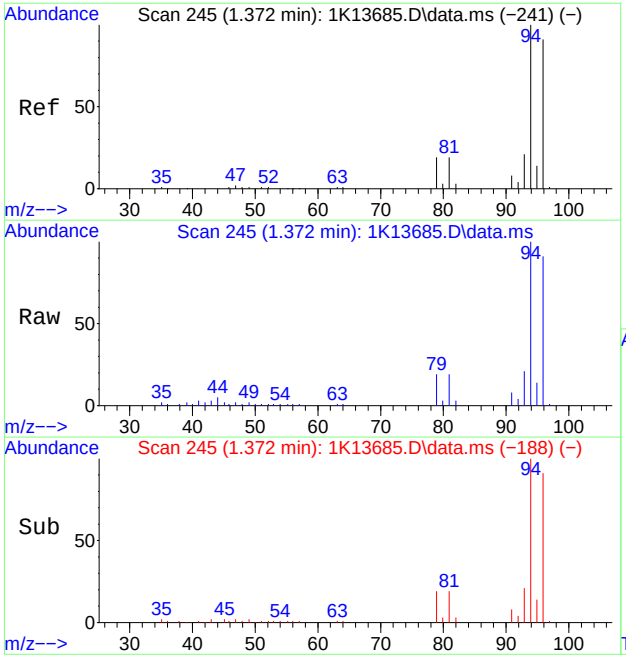


#10
1,3-butadiene
Concen: 50.00 ug/L
RT: 1.230 min Scan# 218
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 39 Resp: 237350

Ion	Ratio	Lower	Upper
39	100		
54	99.8	69.8	129.8
53	70.1	40.1	100.1

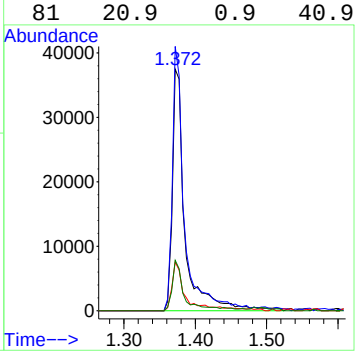


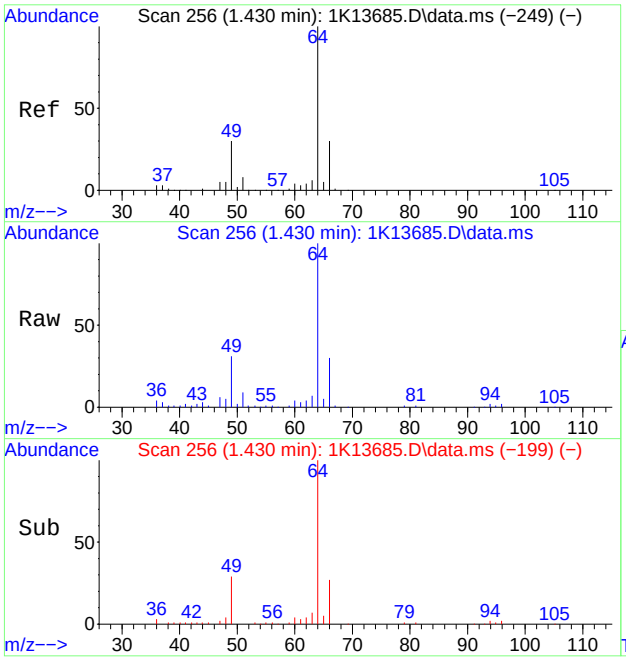


#11
bromomethane
Concen: 50.00 ug/L
RT: 1.372 min Scan# 245
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 96 Resp: 46270

Ion	Ratio	Lower	Upper
96	100		
94	109.4	79.4	139.4
79	20.3	20.3	20.3#
81	20.9	0.9	40.9

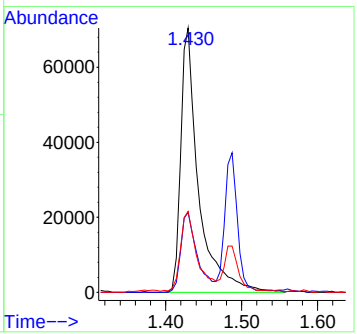


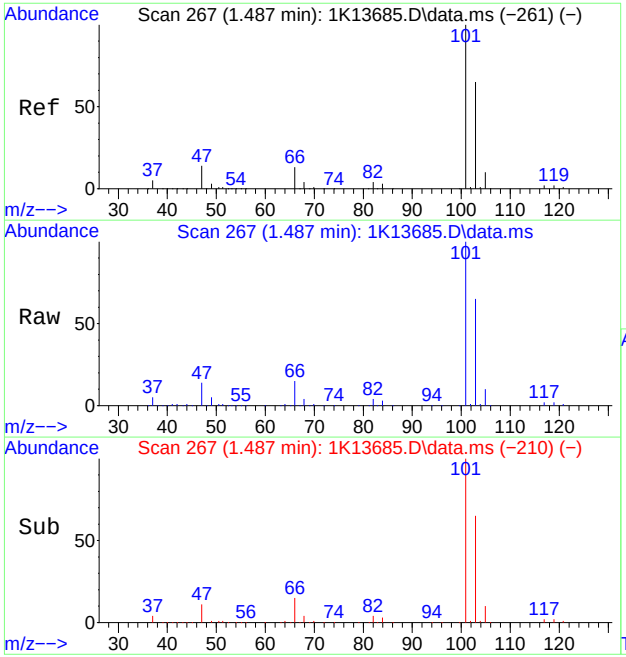


#12
chloroethane
Concen: 50.00 ug/L
RT: 1.430 min Scan# 256
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 64 Resp: 115267

Ion	Ratio	Lower	Upper
64	100		
66	30.2	0.2	60.2
49	30.3	0.3	60.3

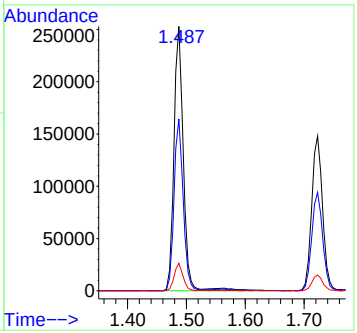


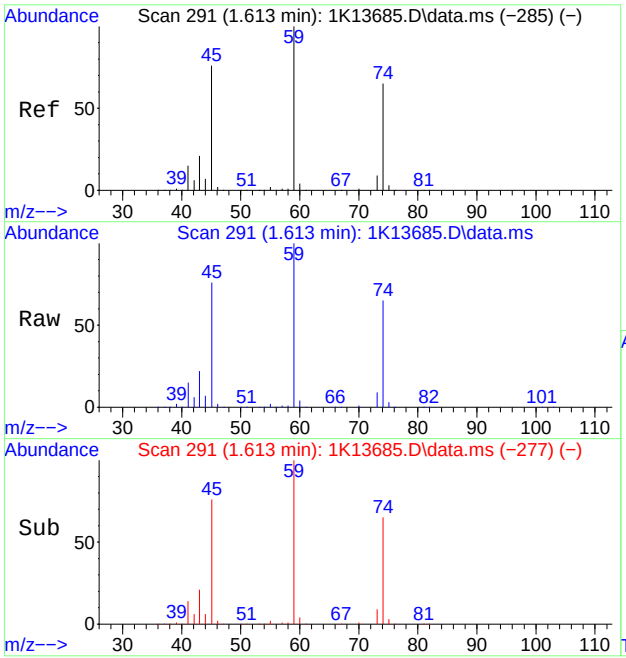


#13
trichlorofluoromethane
Concen: 50.00 ug/L
RT: 1.487 min Scan# 267
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:101 Resp: 281808

Ion	Ratio	Lower	Upper
101	100		
103	65.0	35.0	95.0
105	10.5	0.0	40.5

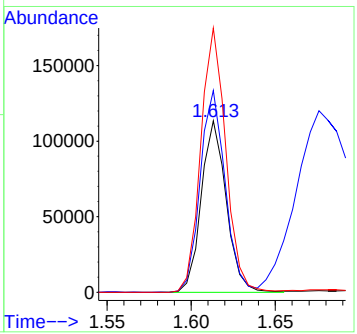


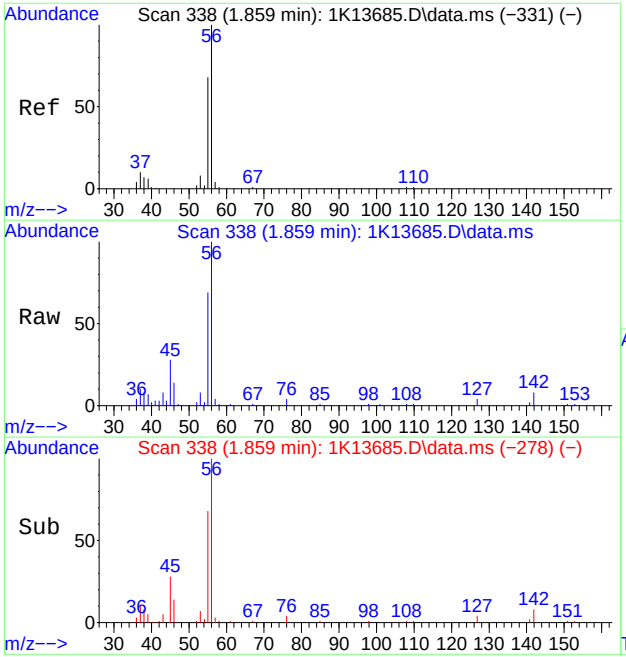


#14
ethyl ether
Concen: 50.00 ug/L
RT: 1.613 min Scan# 291
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 74 Resp: 117936

Ion	Ratio	Lower	Upper
74	100		
45	117.4	87.4	147.4
59	154.0	124.0	184.0

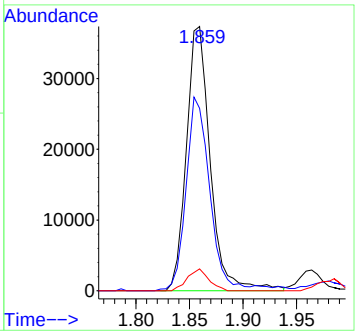


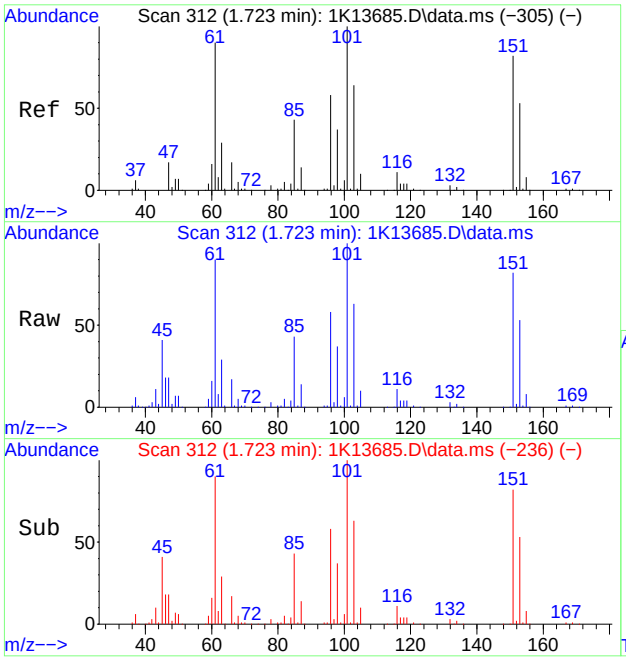


#15
acrolein
Concen: 50.00 ug/L
RT: 1.859 min Scan# 338
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 56 Resp: 58232

Ion	Ratio	Lower	Upper
56	100		
55	68.3	38.3	98.3
53	8.3	0.0	38.3

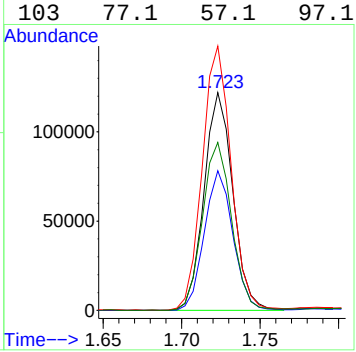




#16
freon 113
Concen: 50.00 ug/L
RT: 1.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:151 Resp: 156059

Ion	Ratio	Lower	Upper
151	100		
153	64.1	44.1	84.1
101	121.5	101.5	141.5
103	77.1	57.1	97.1



7.6.21

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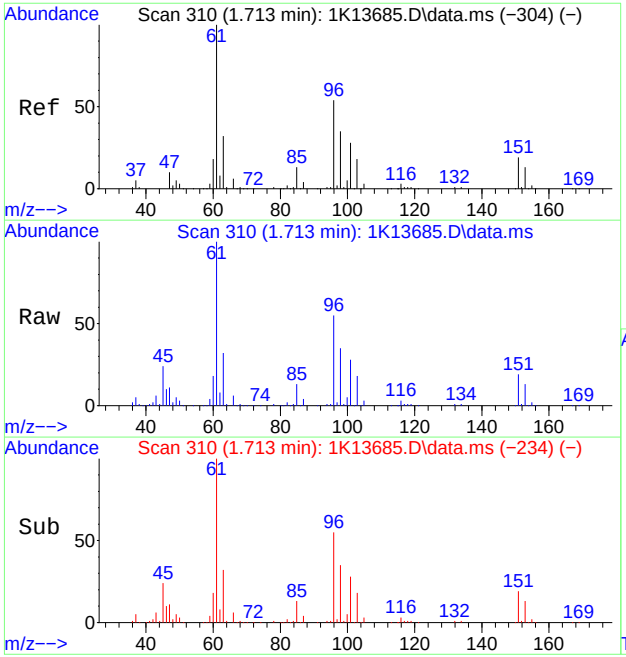
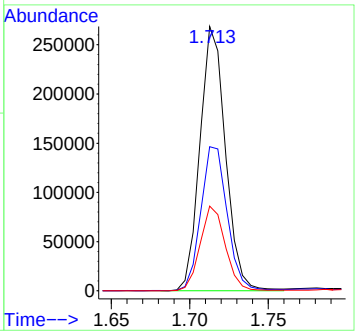
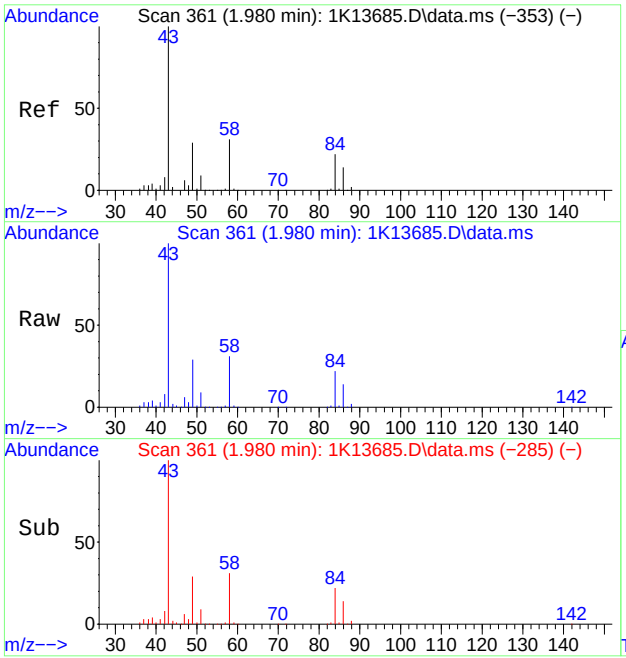


#17
1,1-dichloroethene
Concen: 50.00 ug/L
RT: 1.713 min Scan# 310
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 61 Resp: 305118

Ion	Ratio	Lower	Upper
61	100		
96	54.4	24.4	84.4
63	32.1	2.1	62.1

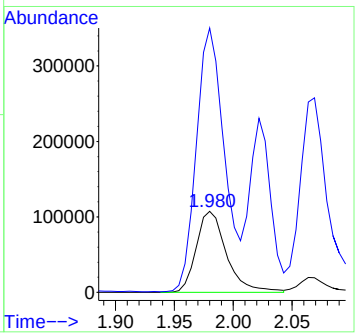


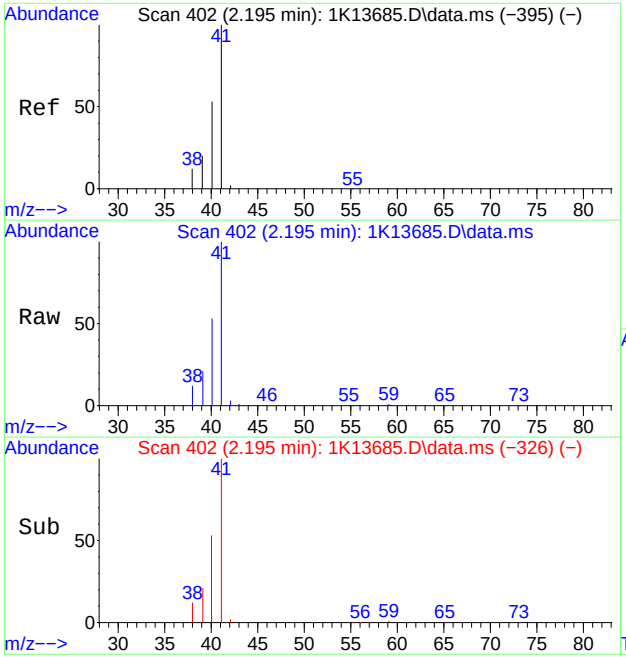


#18
acetone
Concen: 200.00 ug/L
RT: 1.980 min Scan# 361
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 58 Resp: 192692

Ion	Ratio	Lower	Upper
58	100		
43	325.2	295.2	355.2

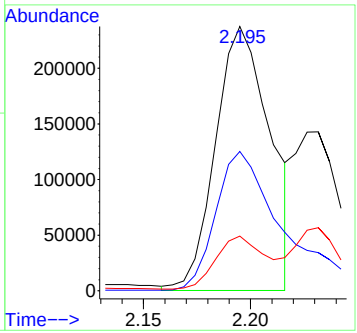


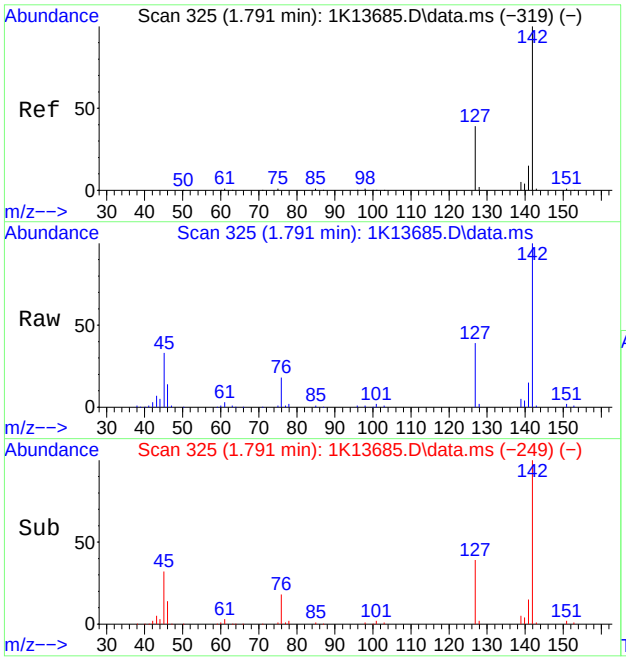


#19
acetonitrile
Concen: 500.00 ug/L
RT: 2.195 min Scan# 402
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 41 Resp: 421020

Ion	Ratio	Lower	Upper
41	100		
40	53.4	23.4	83.4
39	20.4	0.0	50.4

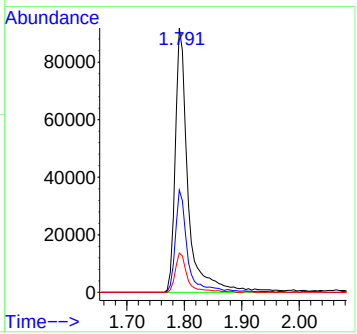


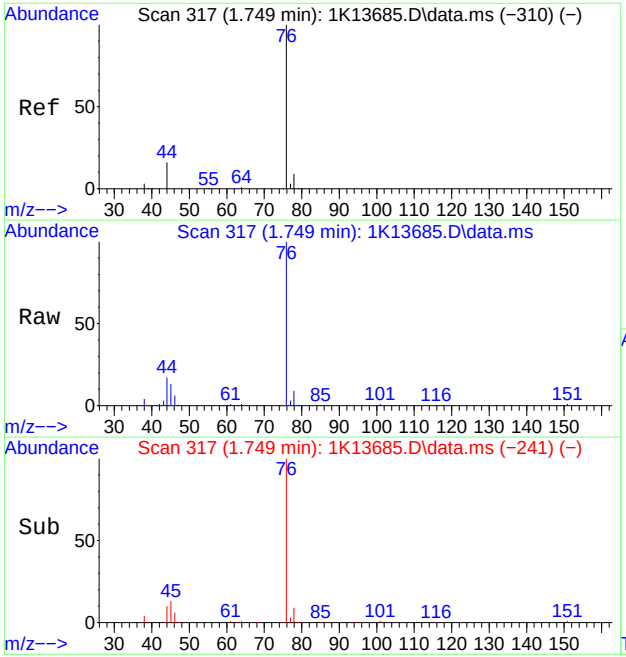


#20
iodomethane
Concen: 50.00 ug/L
RT: 1.791 min Scan# 325
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:142 Resp: 143966

Ion	Ratio	Lower	Upper
142	100		
127	38.7	8.7	68.7
141	14.9	0.0	44.9

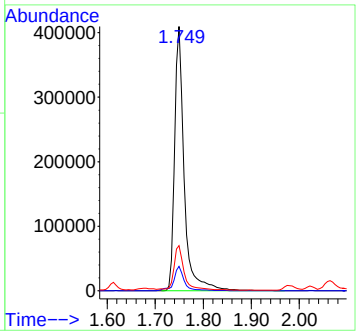


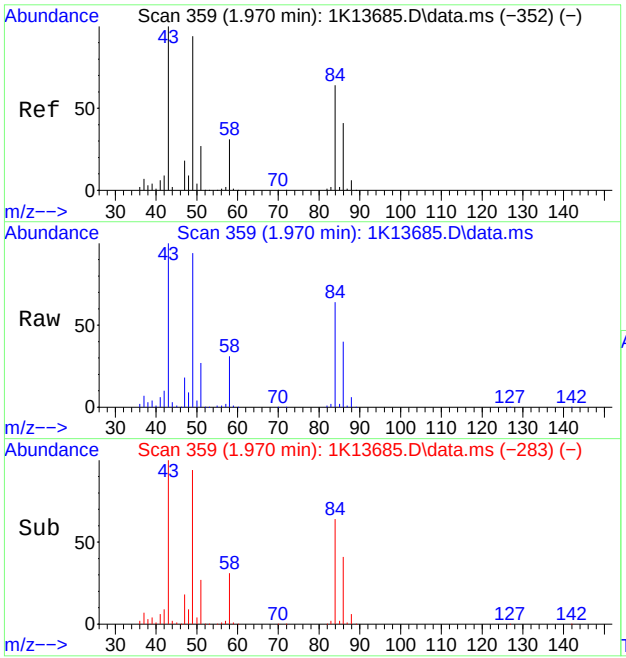


#21
carbon disulfide
Concen: 50.00 ug/L
RT: 1.749 min Scan# 317
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 76 Resp: 568449

Ion	Ratio	Lower	Upper
76	100		
78	9.2	0.0	39.2
44	16.4	0.0	46.4

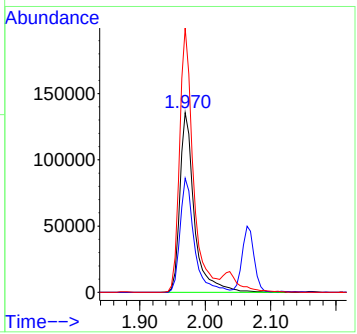


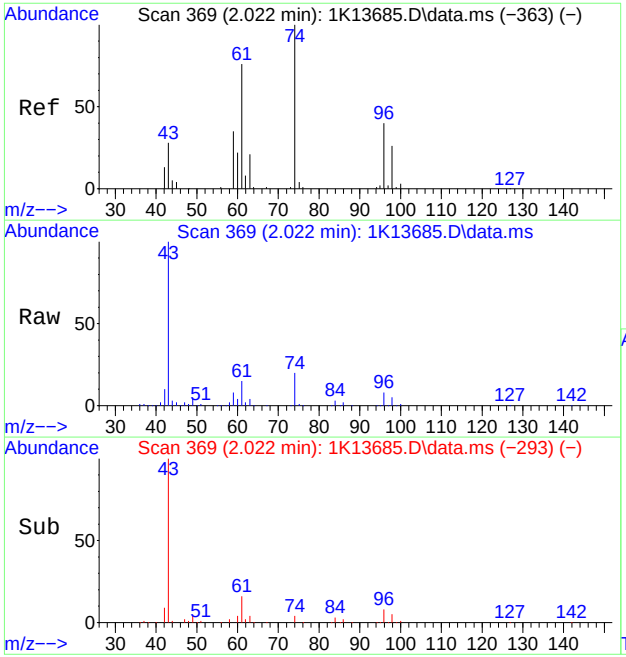


#22
methylene chloride
Concen: 50.00 ug/L
RT: 1.970 min Scan# 359
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 84 Resp: 208955

Ion	Ratio	Lower	Upper
84	100		
86	63.4	33.4	93.4
49	147.1	117.1	177.1

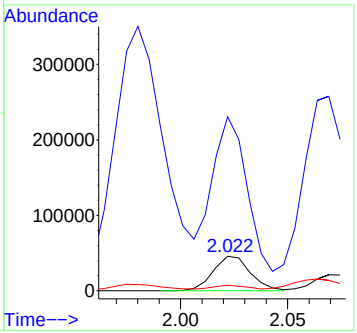


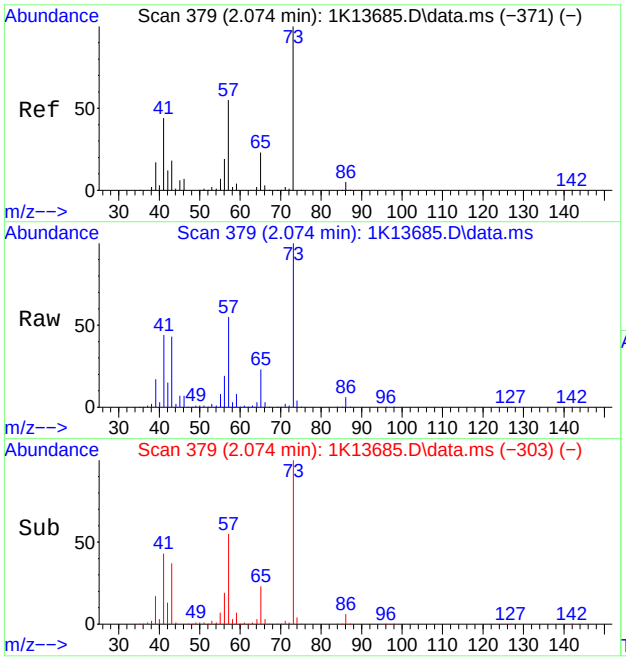


#23
methyl acetate
Concen: 50.00 ug/L
RT: 2.022 min Scan# 369
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 74 Resp: 56013

Ion	Ratio	Lower	Upper
74	100		
43	427.4	397.4	457.4
44	5.1	0.0	35.1

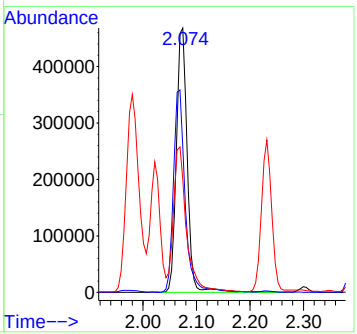


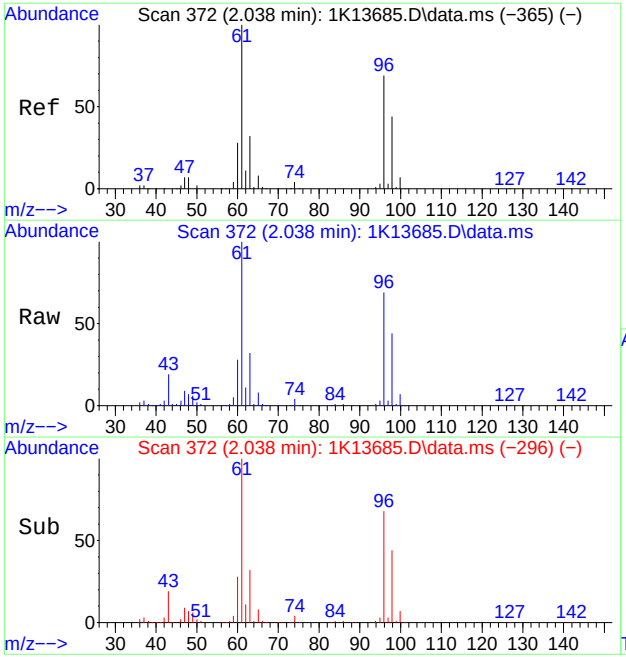


#24
methyl tert butyl ether
Concen: 50.00 ug/L
RT: 2.074 min Scan# 379
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 73 Resp: 661398

Ion	Ratio	Lower	Upper
73	100		
57	55.1	25.1	85.1
43	42.1	12.1	72.1

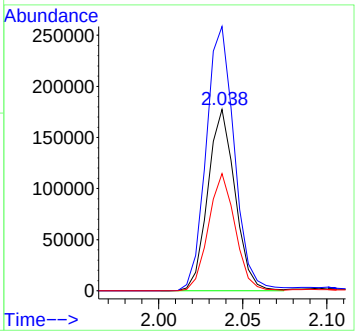


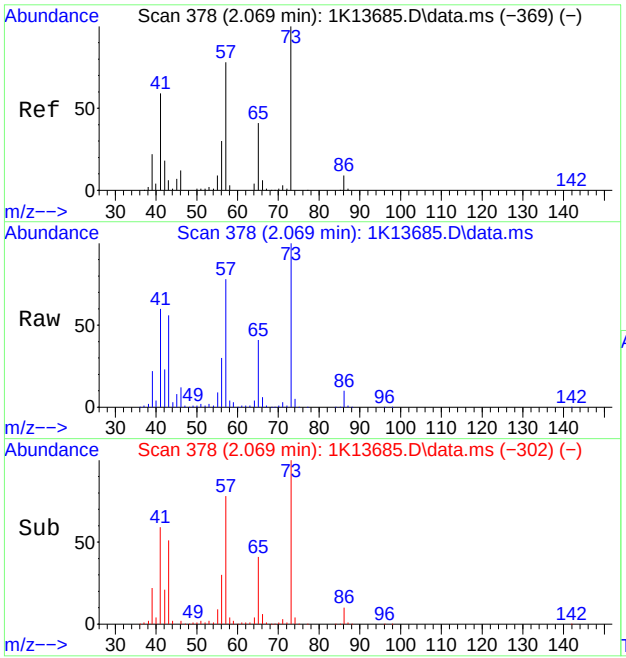


#25
trans-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 2.038 min Scan# 372
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 96 Resp: 200307

Ion	Ratio	Lower	Upper
96	100		
61	145.9	115.9	175.9
98	64.7	34.7	94.7

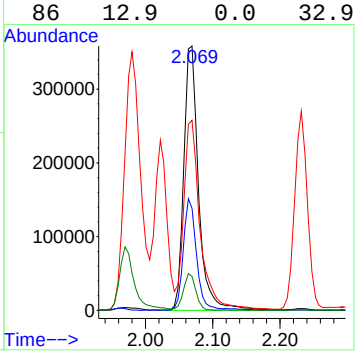


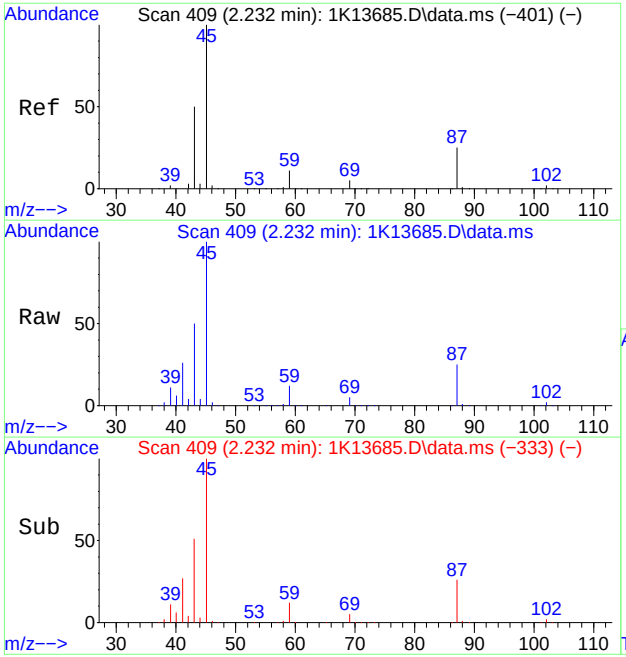


#26
hexane
Concen: 50.00 ug/L
RT: 2.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 57 Resp: 546006

Ion	Ratio	Lower	Upper
57	100		
56	38.5	18.5	58.5
43	70.7	50.7	90.7
86	12.9	0.0	32.9

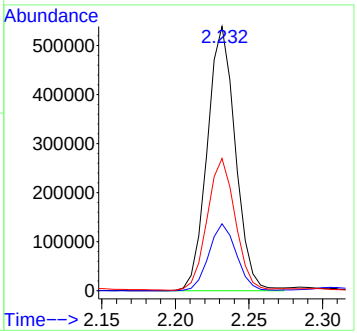


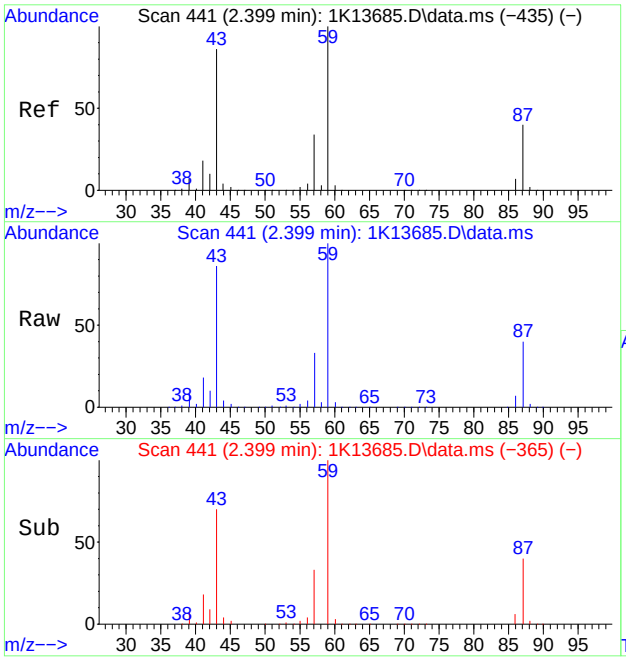


#27
di-isopropyl ether
Concen: 50.00 ug/L
RT: 2.232 min Scan# 409
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 45 Resp: 714506

Ion	Ratio	Lower	Upper
45	100		
87	25.4	0.0	55.4
43	49.8	19.8	79.8

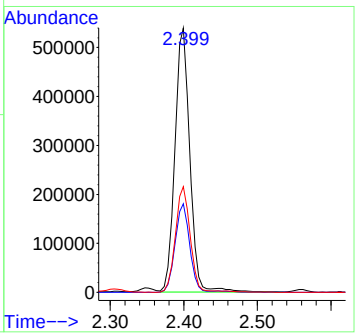




#28
ethyl tert-butyl ether
Concen: 50.00 ug/L
RT: 2.399 min Scan# 441
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

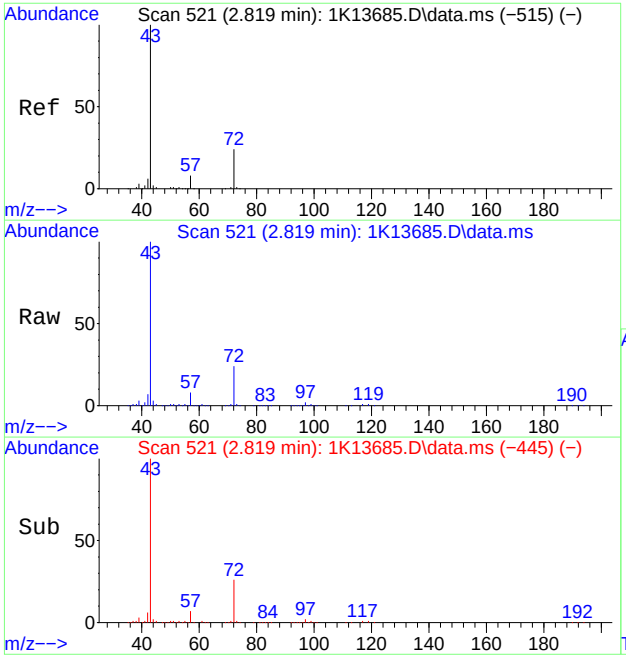
Tgt Ion: 59 Resp: 759117

Ion	Ratio	Lower	Upper
59	100		
57	33.4	3.4	63.4
87	39.9	9.9	69.9



7.6.21

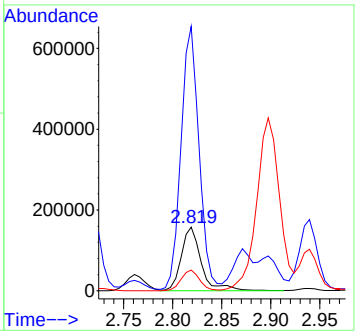
7

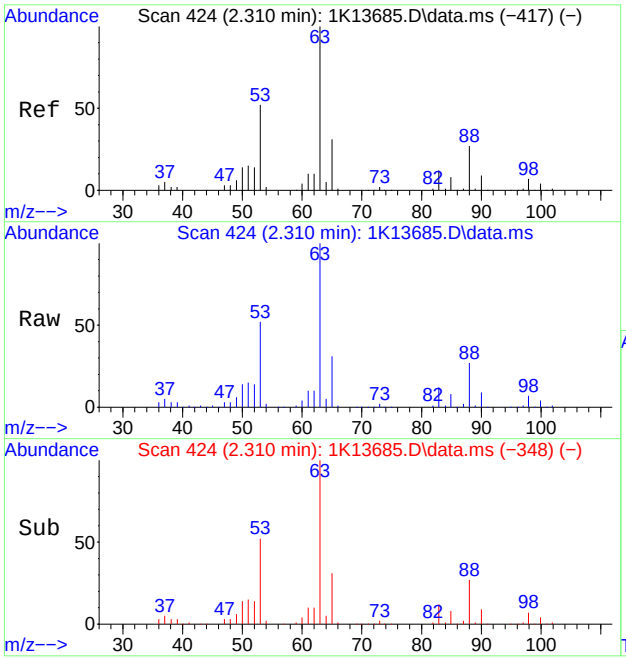


#29
2-butanone
Concen: 200.00 ug/L
RT: 2.819 min Scan# 521
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 72 Resp: 224098

Ion	Ratio	Lower	Upper
72	100		
43	414.5	384.5	444.5
57	32.9	2.9	62.9

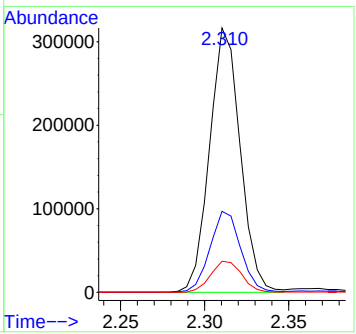


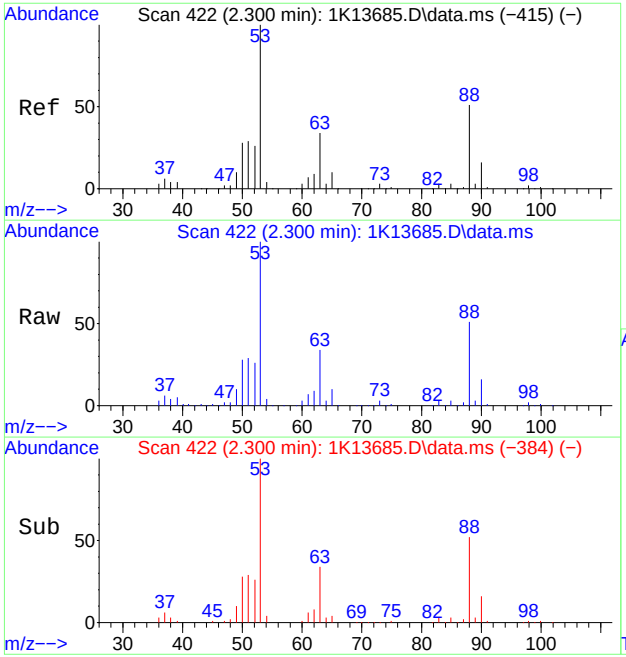


#30
1,1-dichloroethane
Concen: 50.00 ug/L
RT: 2.310 min Scan# 424
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 63 Resp: 402429

Ion	Ratio	Lower	Upper
63	100		
65	30.6	0.6	60.6
83	11.8	0.0	41.8

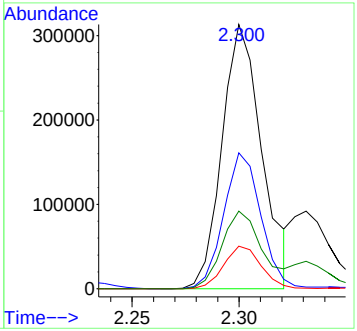


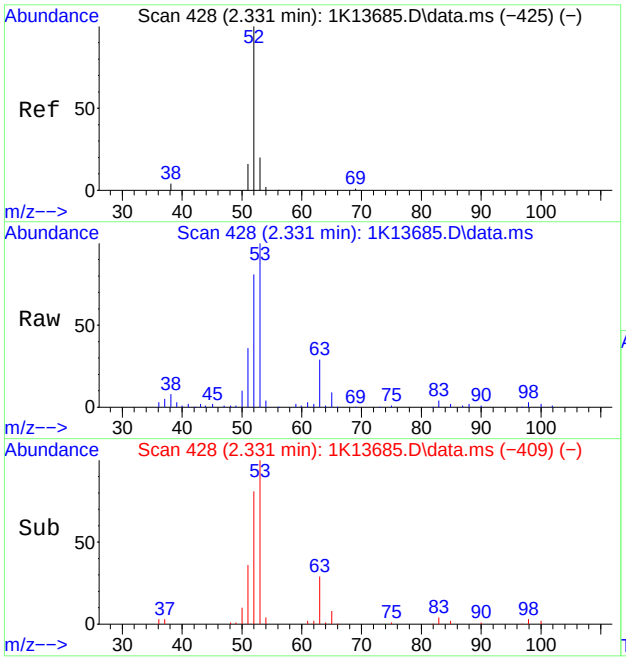


#31
chloroprene
Concen: 50.00 ug/L
RT: 2.300 min Scan# 422
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 53 Resp: 406607

Ion	Ratio	Lower	Upper
53	100		
88	51.4	21.4	81.4
90	16.1	0.0	46.1
51	29.4	0.0	59.4

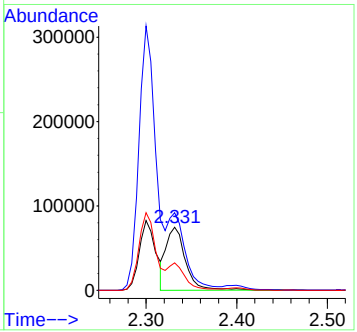


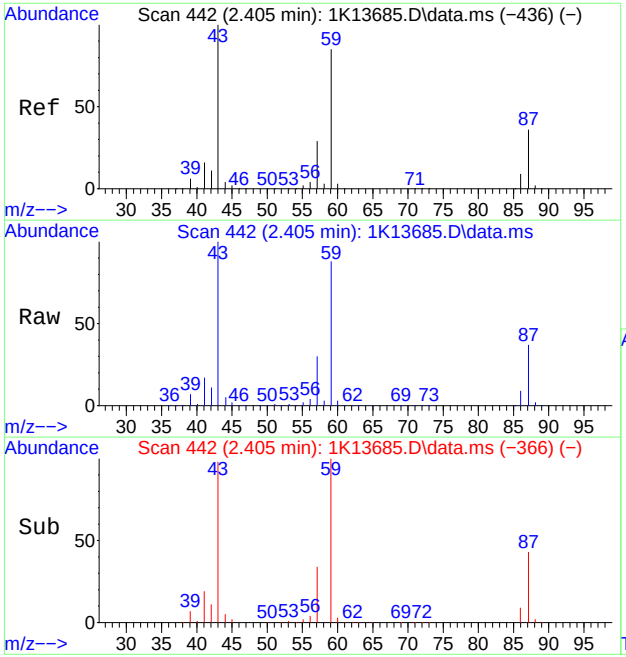


#32
acrylonitrile
Concen: 50.00 ug/L
RT: 2.331 min Scan# 428
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 52 Resp: 112663

Ion	Ratio	Lower	Upper
52	100		
53	122.8	92.8	152.8
51	43.6	13.6	73.6

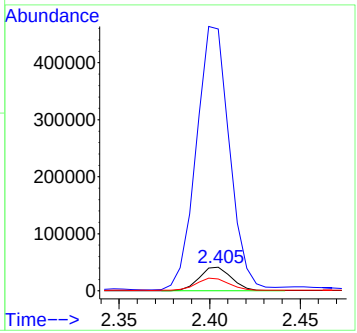


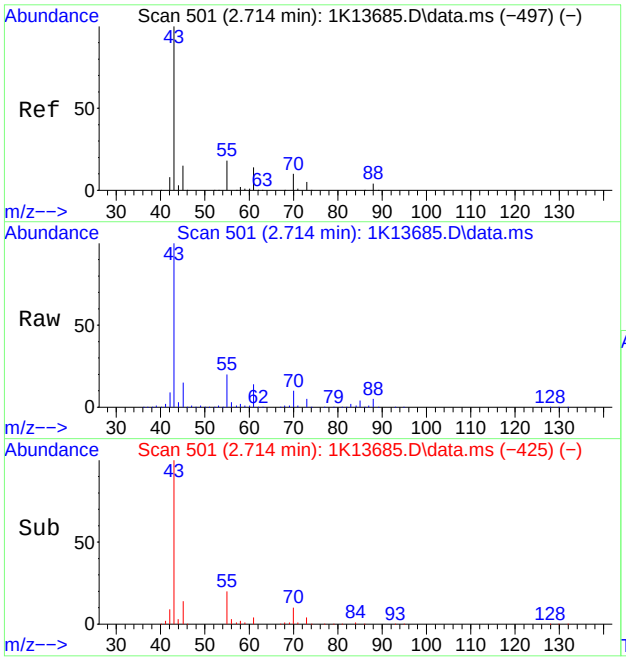


#33
vinyl acetate
Concen: 50.00 ug/L
RT: 2.405 min Scan# 442
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 86 Resp: 51530

Ion	Ratio	Lower	Upper
86	100		
43	1098.8	1068.8	1128.8
44	48.0	18.0	78.0

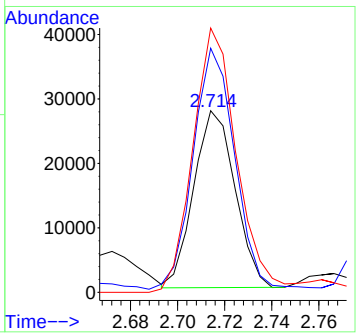


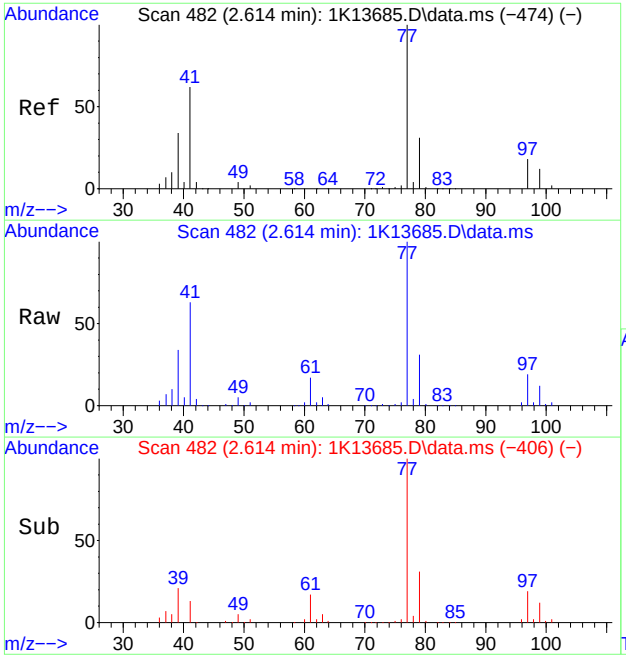


#34
ethyl acetate
Concen: 50.00 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 70 Resp: 33499

Ion	Ratio	Lower	Upper
70	100		
61	134.9	104.9	164.9
45	147.8	117.8	177.8

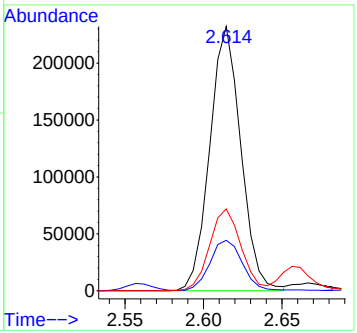


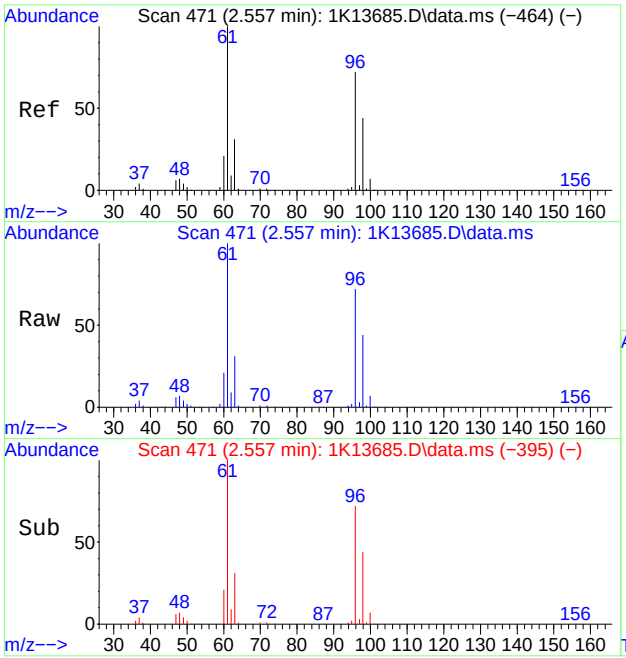


#35
2,2-dichloropropane
Concen: 50.00 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 77 Resp: 320069

Ion	Ratio	Lower	Upper
77	100		
97	18.7	0.0	48.7
79	30.9	0.9	60.9

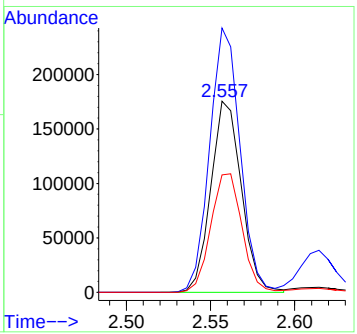


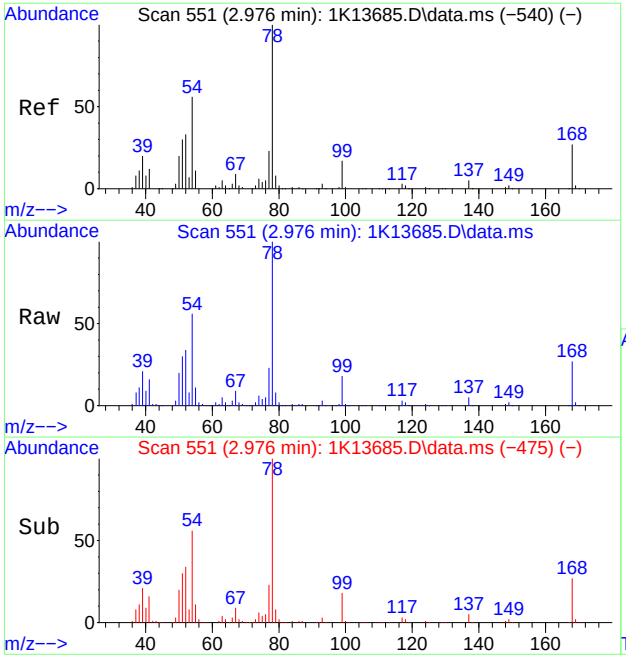


#36
cis-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 2.557 min Scan# 471
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 96 Resp: 222550

Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.4	168.4
98	61.4	31.4	91.4

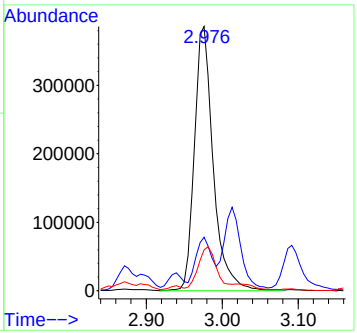


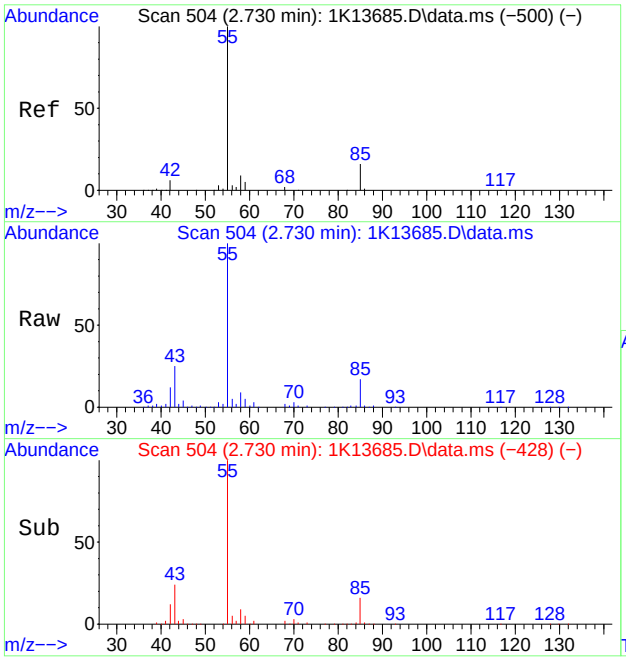


#37
propionitrile
Concen: 500.00 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 54 Resp: 665411

Ion	Ratio	Lower	Upper
54	100		
55	18.9	0.0	48.9
40	15.0	0.0	45.0

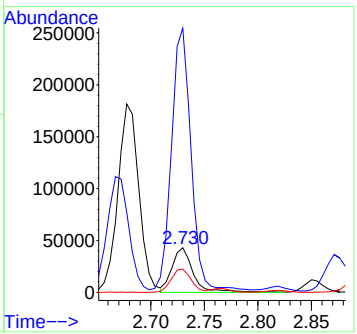


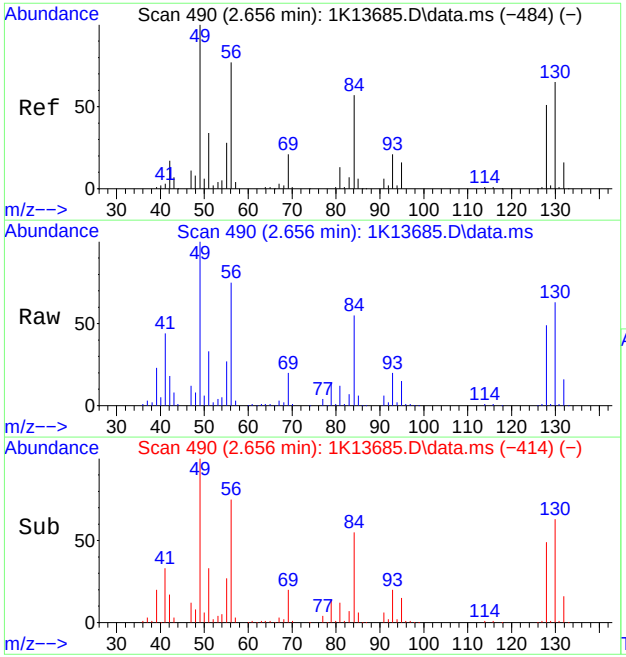


#38
methyl acrylate
Concen: 50.00 ug/L
RT: 2.730 min Scan# 504
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 85 Resp: 59688

Ion	Ratio	Lower	Upper
85	100		
55	586.6	566.6	606.6
58	50.2	30.2	70.2

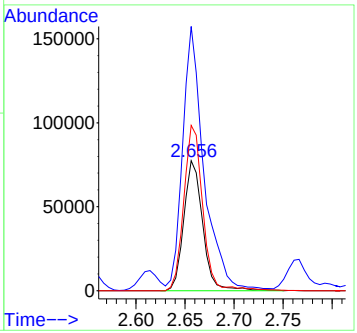


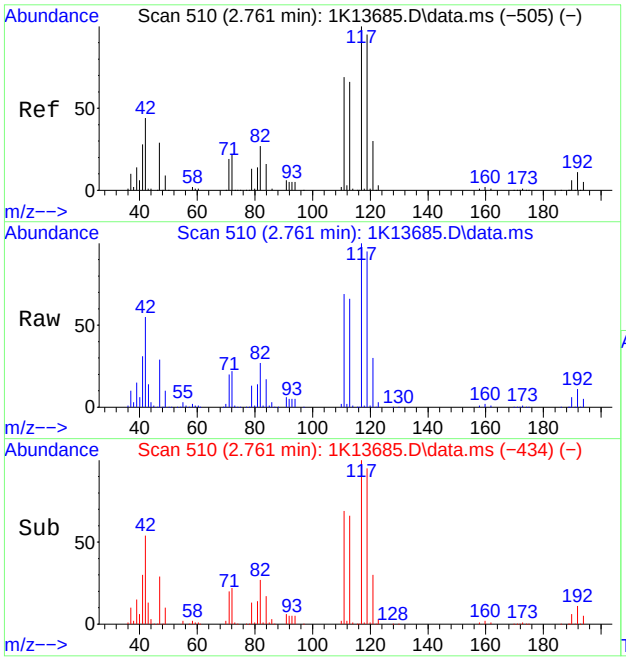


#39
bromochloromethane
Concen: 50.00 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:128 Resp: 104310

Ion	Ratio	Lower	Upper
128	100		
49	196.7	166.7	226.7
130	127.3	97.3	157.3

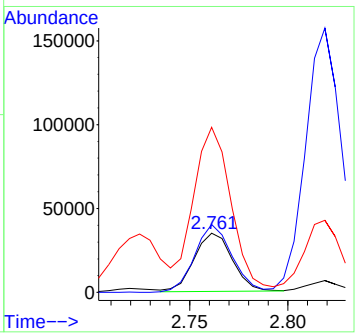


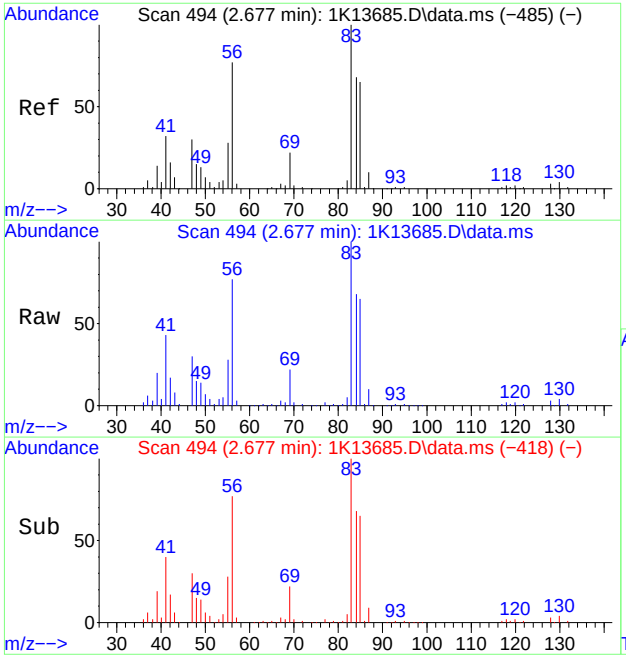


#40
tetrahydrofuran
Concen: 50.00 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 71 Resp: 47136

Ion	Ratio	Lower	Upper
71	100		
72	117.2	87.2	147.2
42	272.1	242.1	302.1

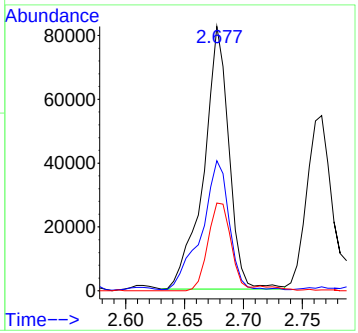


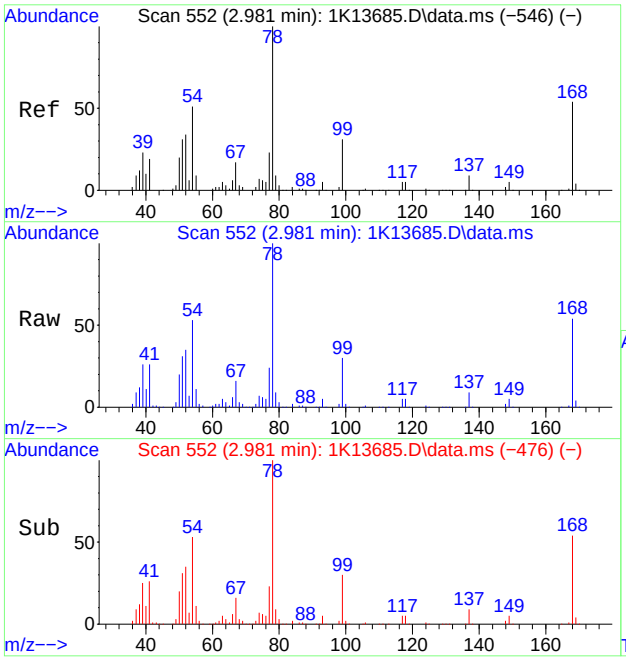


#41
chloroform
Concen: 50.00 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 47 Resp: 123427

Ion	Ratio	Lower	Upper
47	100		
48	49.0	19.0	79.0
87	33.4	3.4	63.4

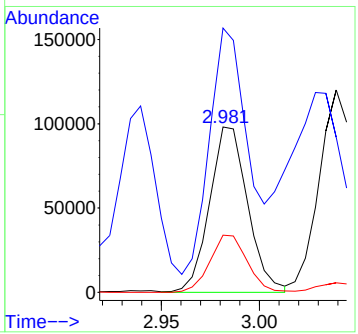


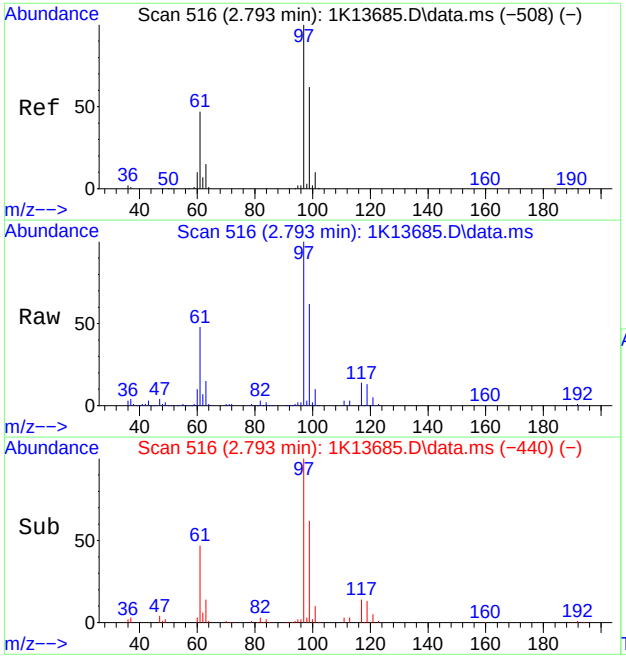


#43
methacrylonitrile
Concen: 50.00 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 67 Resp: 133025

Ion	Ratio	Lower	Upper
67	100		
41	115.4	85.4	145.4
66	34.8	4.8	64.8

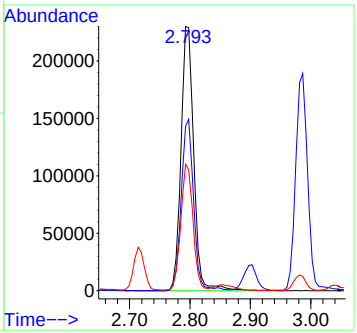


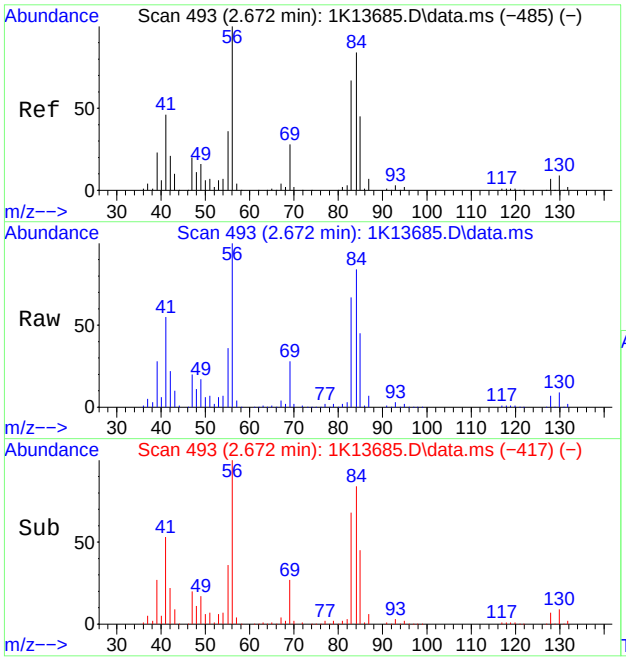


#44
1,1,1-trichloroethane
Concen: 50.00 ug/L
RT: 2.793 min Scan# 516
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 97 Resp: 339372

Ion	Ratio	Lower	Upper
97	100		
99	62.2	32.2	92.2
61	47.7	17.7	77.7

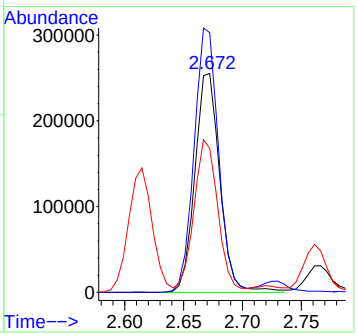


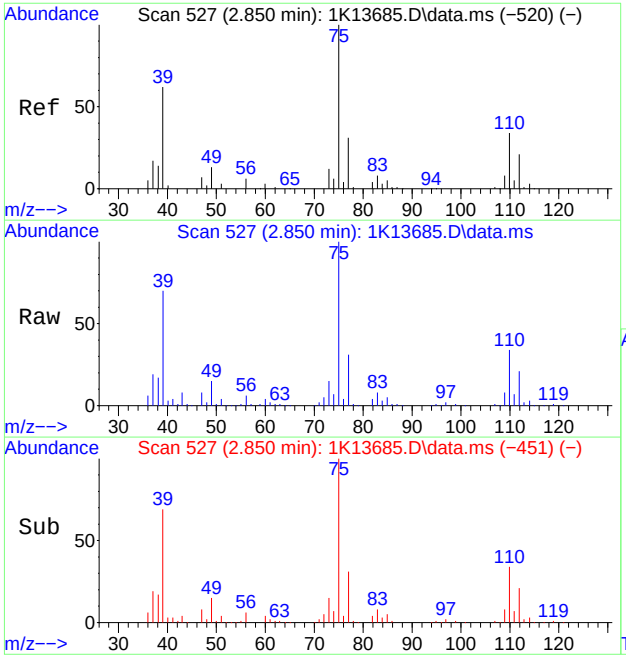


#45
cyclohexane
Concen: 50.00 ug/L
RT: 2.672 min Scan# 493
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 84 Resp: 377418

Ion	Ratio	Lower	Upper
84	100		
56	118.6	98.6	138.6
41	63.8	43.8	83.8

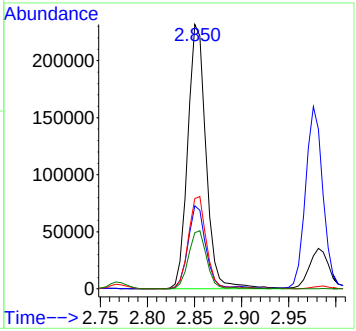


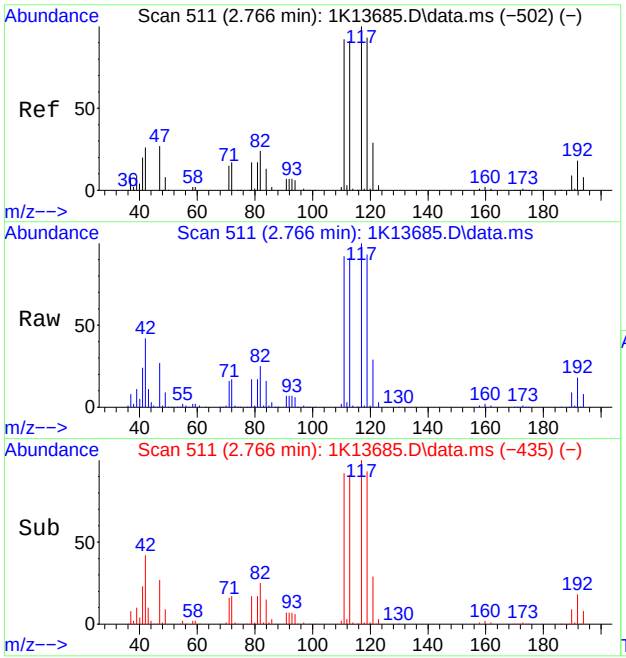


#46
1,1-dichloropropene
Concen: 50.00 ug/L
RT: 2.850 min Scan# 527
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 75 Resp: 313272

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.3	51.3
110	34.2	14.2	54.2
112	21.3	1.3	41.3

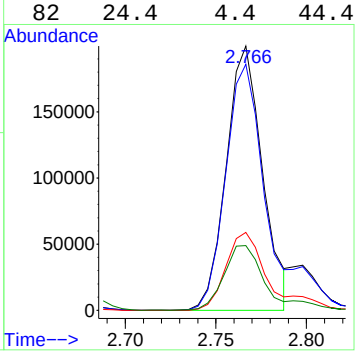


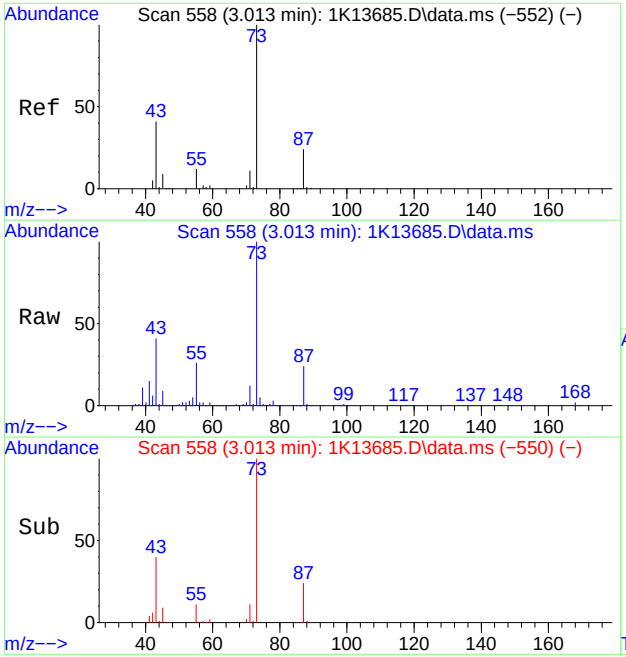


#47
carbon tetrachloride
Concen: 50.00 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:117 Resp: 278810

Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.1	113.1
121	29.4	9.4	49.4
82	24.4	4.4	44.4

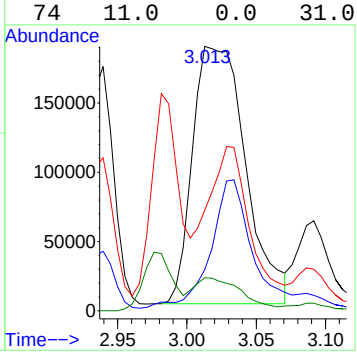


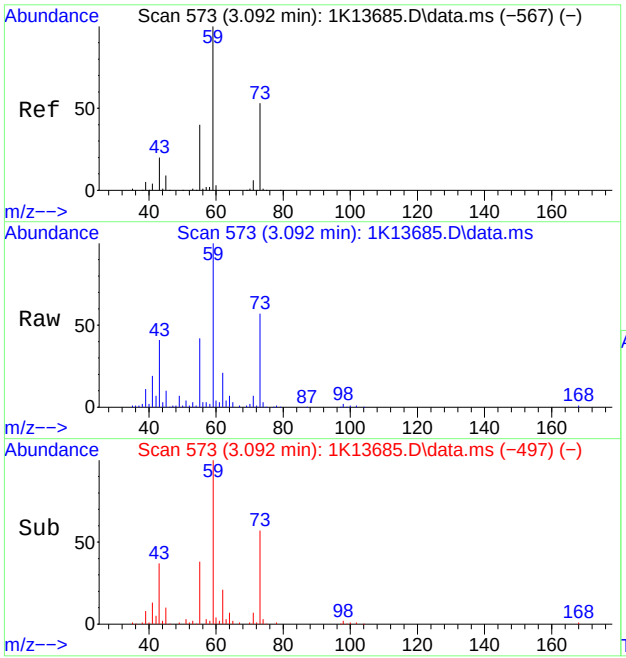


#48
isobutyl alcohol
Concen: 500.00 ug/L
RT: 3.013 min Scan# 558
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 43 Resp: 494895

Ion	Ratio	Lower	Upper
43	100		
42	12.6	0.0	32.6
41	29.1	9.1	49.1
74	11.0	0.0	31.0

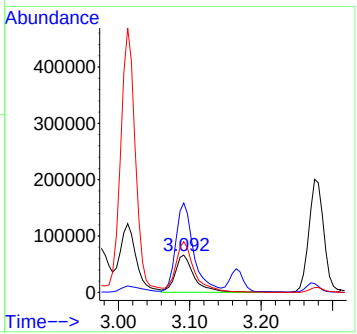


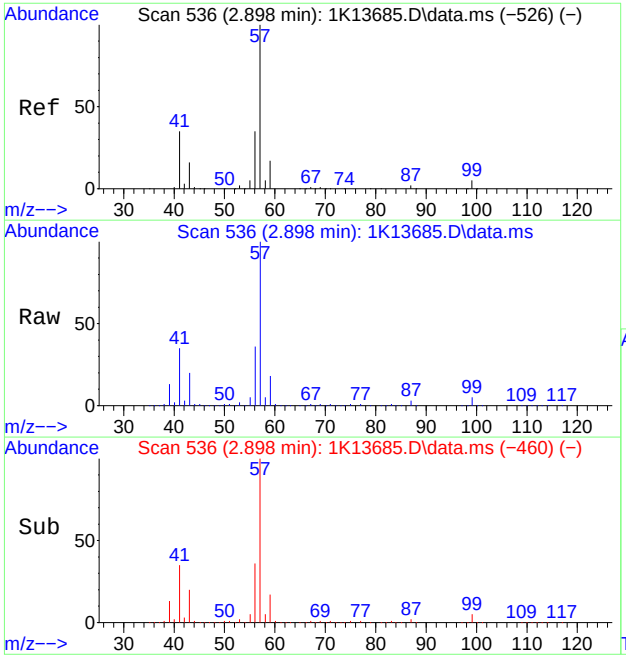


#49
tert-amyl alcohol
Concen: 250.00 ug/L
RT: 3.092 min Scan# 573
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 55 Resp: 120526

Ion	Ratio	Lower	Upper
55	100		
59	238.8	218.8	258.8
73	135.9	115.9	155.9

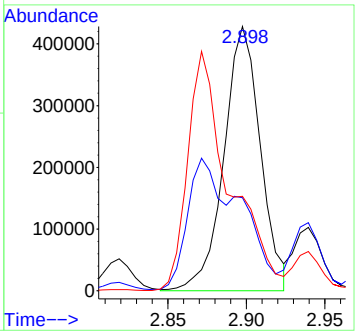


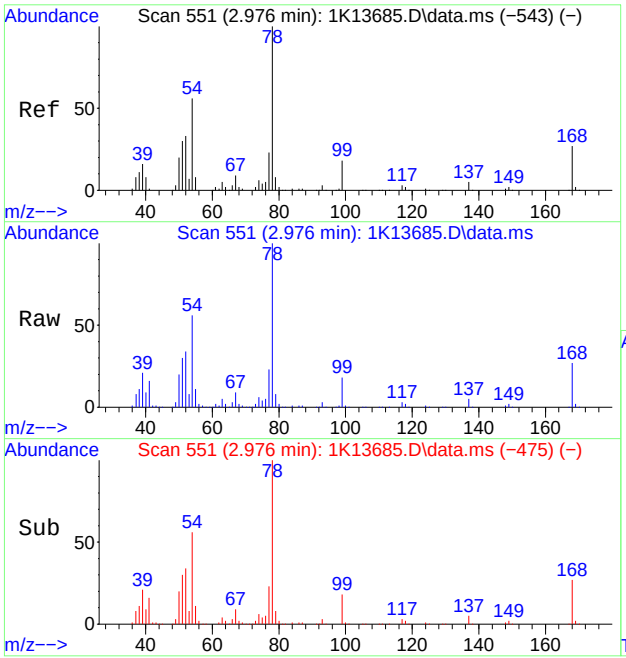


#52
iso-octane
Concen: 50.00 ug/L
RT: 2.898 min Scan# 536
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 57 Resp: 694006

Ion	Ratio	Lower	Upper
57	100		
41	34.8	14.8	54.8
56	35.3	15.3	55.3

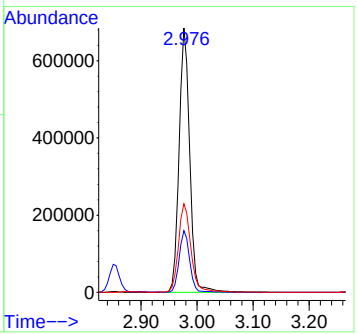


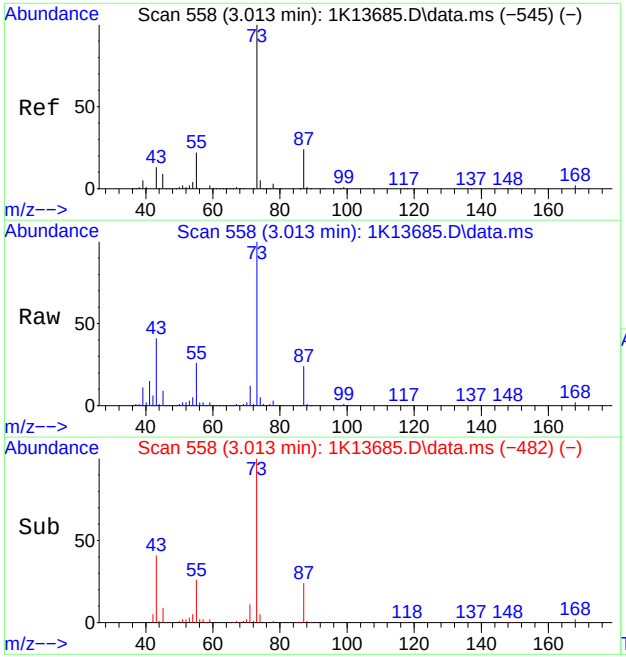


#53
benzene
Concen: 50.00 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 78 Resp: 902582

Ion	Ratio	Lower	Upper
78	100		
77	23.3	0.0	53.3
52	33.5	3.5	63.5

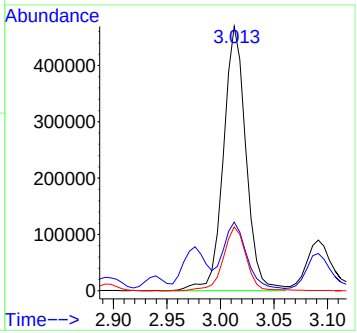


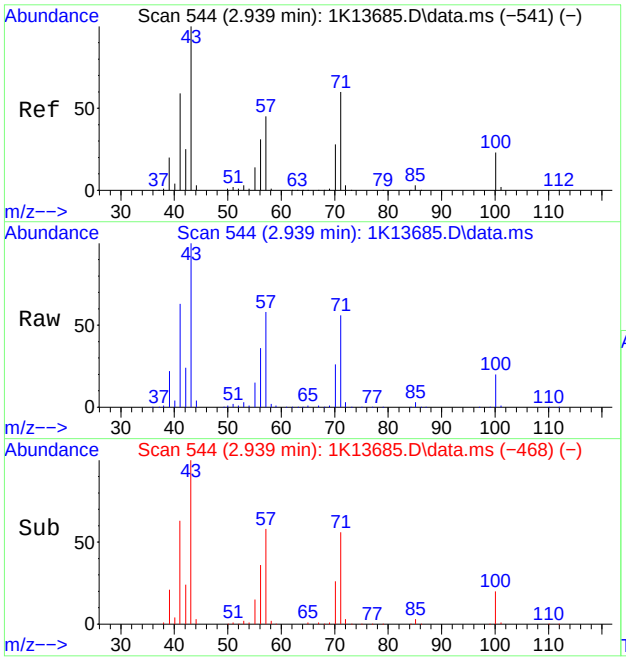


#54
tert-amyl methyl ether
Concen: 50.00 ug/L
RT: 3.013 min Scan# 558
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 73 Resp: 690216

Ion	Ratio	Lower	Upper
73	100		
55	25.1	5.1	45.1
87	24.2	4.2	44.2

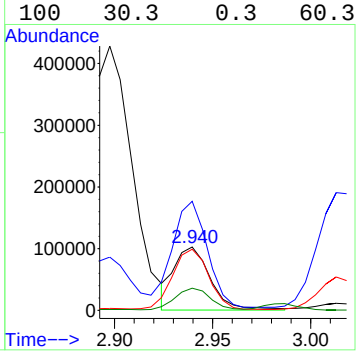


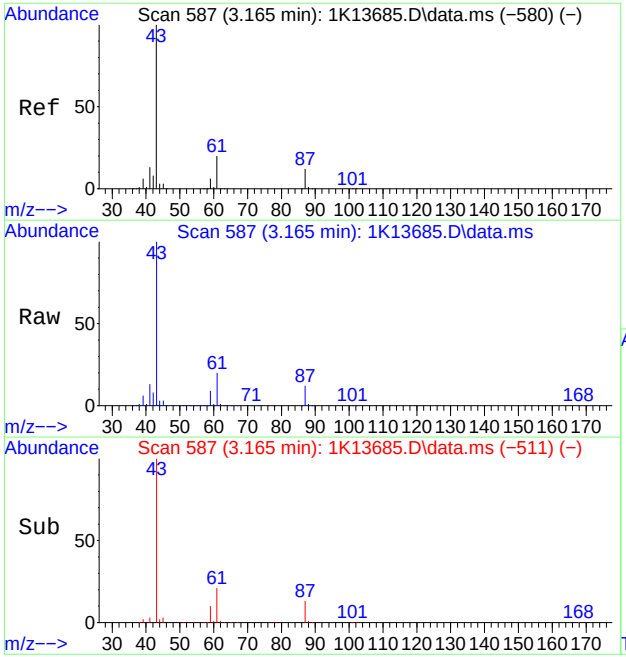


#55
heptane
Concen: 50.00 ug/L
RT: 2.939 min Scan# 544
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 57 Resp: 131961

Ion	Ratio	Lower	Upper
57	100		
43	170.0	140.0	200.0
71	97.3	67.3	127.3
100	30.3	0.3	60.3

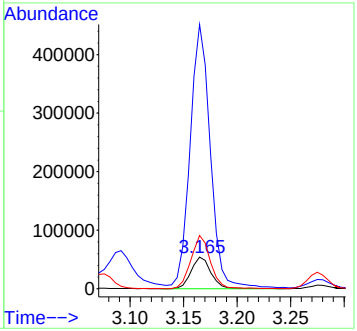


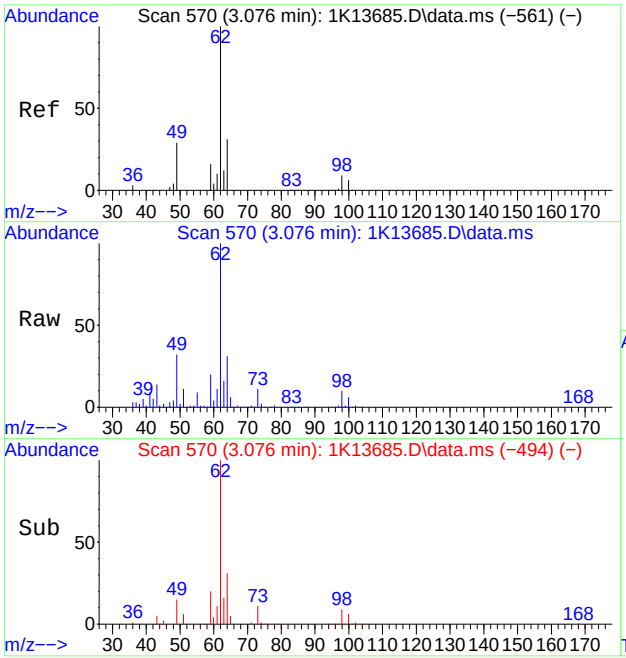


#56
isopropyl acetate
Concen: 50.00 ug/L
RT: 3.165 min Scan# 587
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 87 Resp: 70960

Ion	Ratio	Lower	Upper
87	100		
43	829.2	799.2	859.2
61	167.1	137.1	197.1

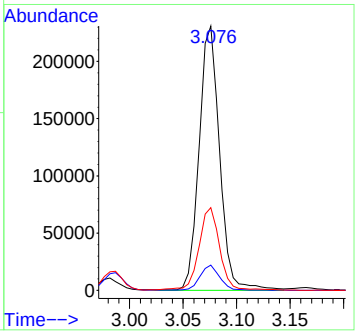


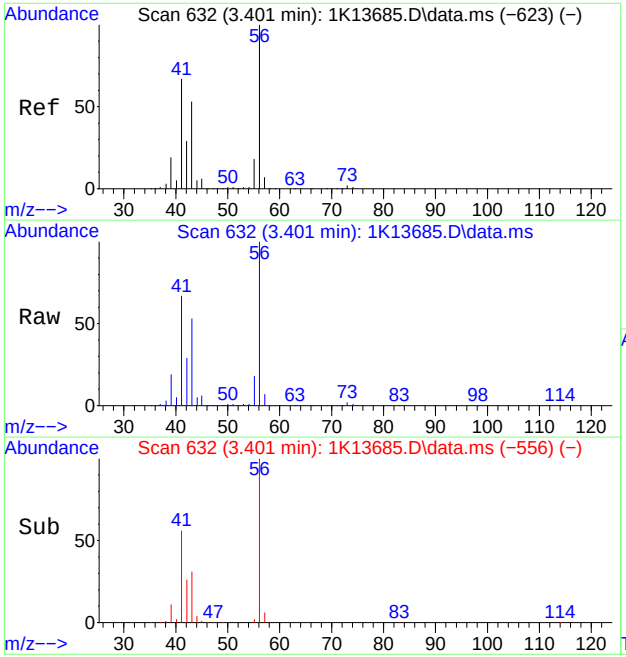


#57
1,2-dichloroethane
Concen: 50.00 ug/L
RT: 3.076 min Scan# 570
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 62 Resp: 309107

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	39.5
64	31.1	1.1	61.1

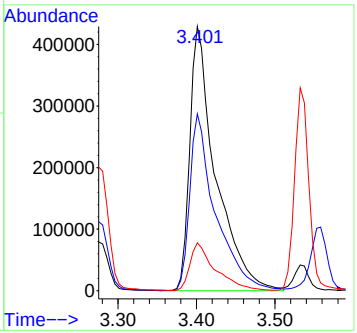


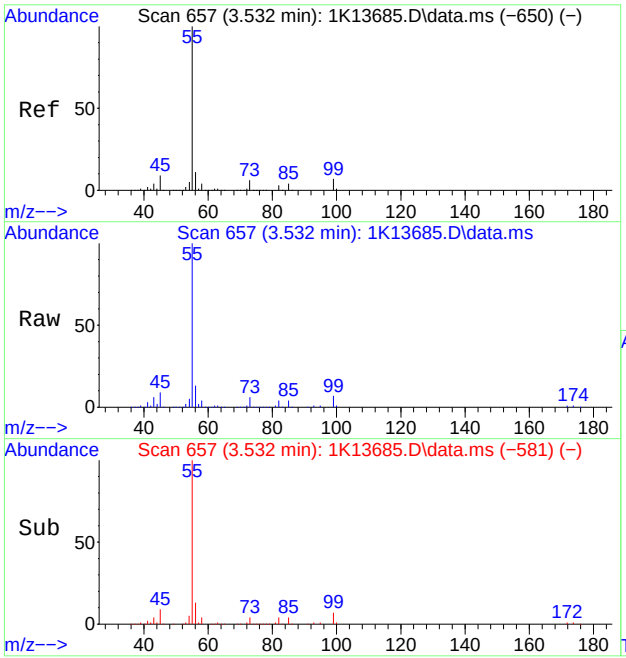


#58
n-butyl alcohol
Concen: 2500.00 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 56 Resp: 980947

Ion	Ratio	Lower	Upper
56	100		
41	66.6	46.6	86.6
55	17.9	0.0	37.9

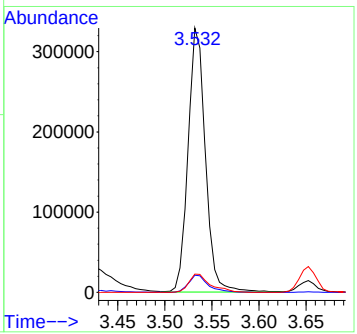




#59
ethyl acrylate
Concen: 50.00 ug/L
RT: 3.532 min Scan# 657
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

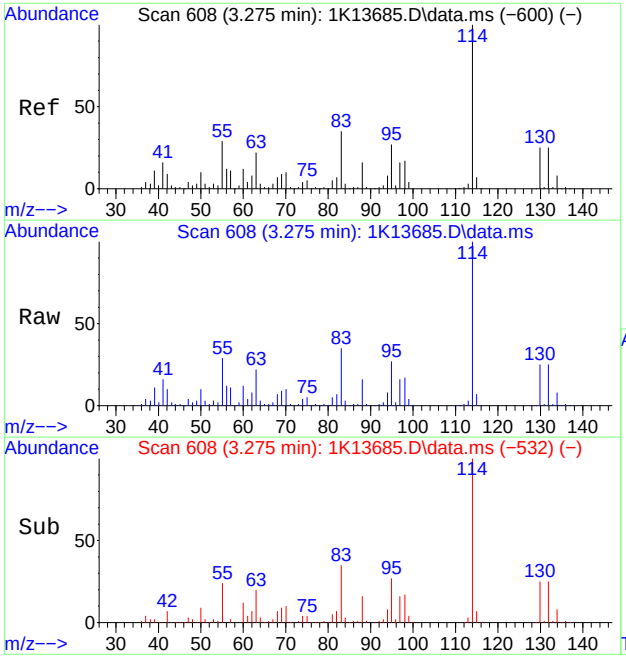
Tgt Ion: 55 Resp: 424453

Ion	Ratio	Lower	Upper
55	100		
73	6.5	0.0	36.5
99	7.0	0.0	37.0



7.6.21

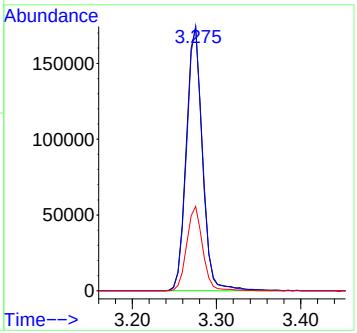
7

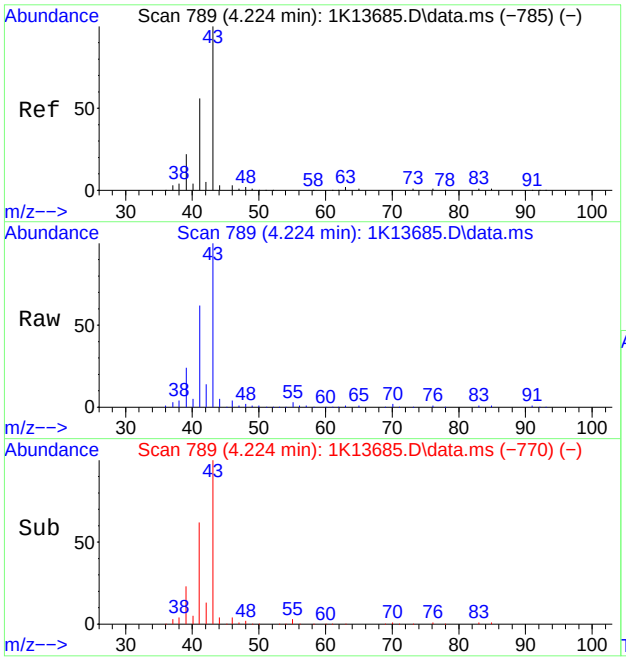


#60
trichloroethene
Concen: 50.00 ug/L
RT: 3.275 min Scan# 608
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:130 Resp: 232169

Ion	Ratio	Lower	Upper
130	100		
132	100.3	70.3	130.3
134	32.0	2.0	62.0

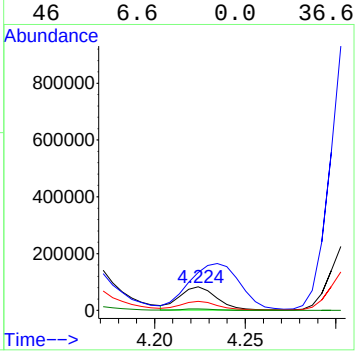


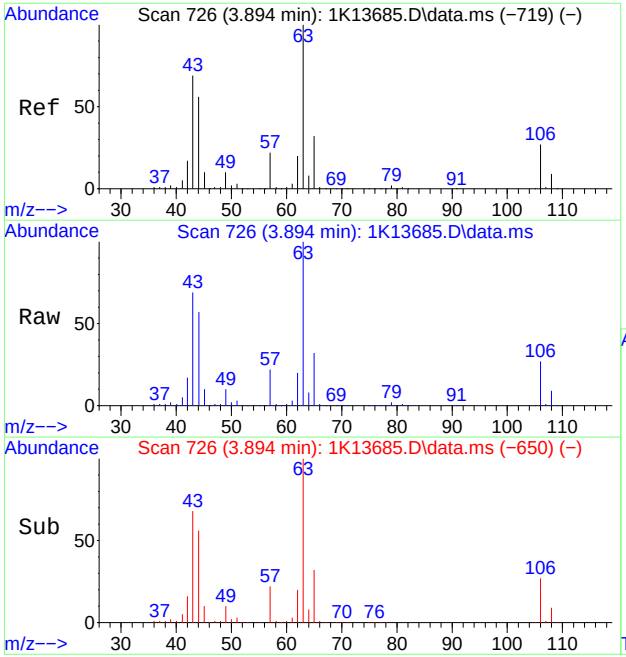


#61
2-nitropropane
Concen: 50.00 ug/L
RT: 4.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 41 Resp: 115393

Ion	Ratio	Lower	Upper
41	100		
43	157.6	127.6	187.6
39	38.5	8.5	68.5
46	6.6	0.0	36.6

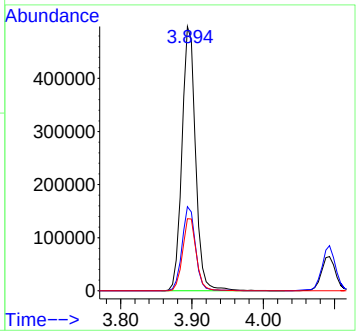


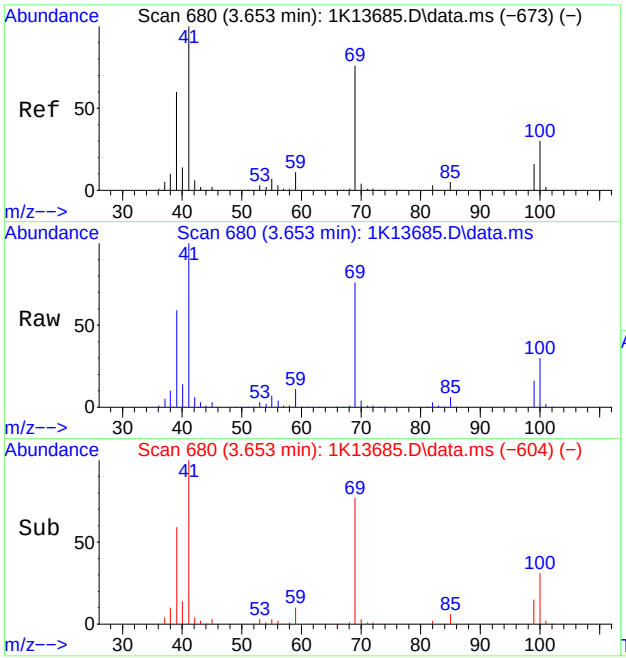


#62
2-chloroethyl vinyl ether
Concen: 250.00 ug/L
RT: 3.894 min Scan# 726
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 63 Resp: 659622

Ion	Ratio	Lower	Upper
63	100		
65	31.9	1.9	61.9
106	27.3	0.0	57.3

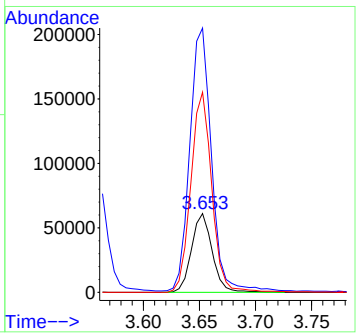


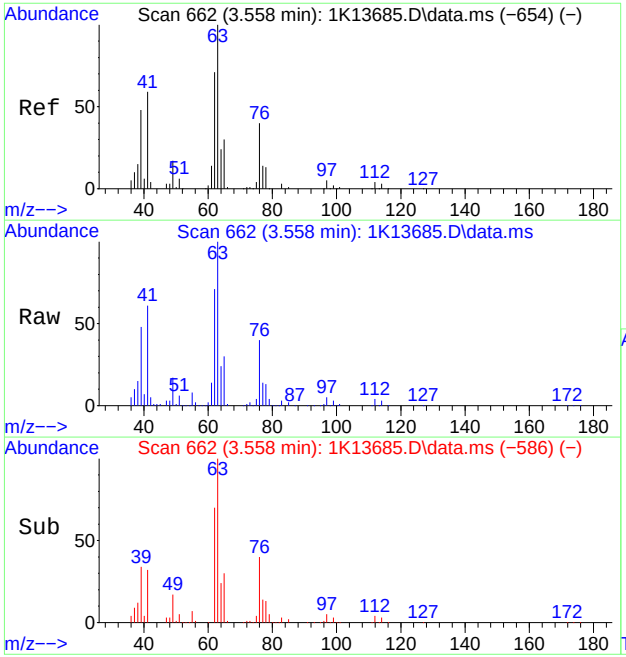


#63
methyl methacrylate
Concen: 50.00 ug/L
RT: 3.653 min Scan# 680
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:100 Resp: 78862

Ion	Ratio	Lower	Upper
100	100		
41	334.0	304.0	364.0
69	254.1	224.1	284.1

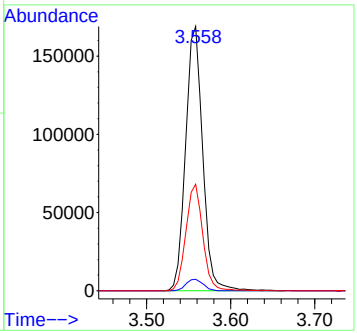


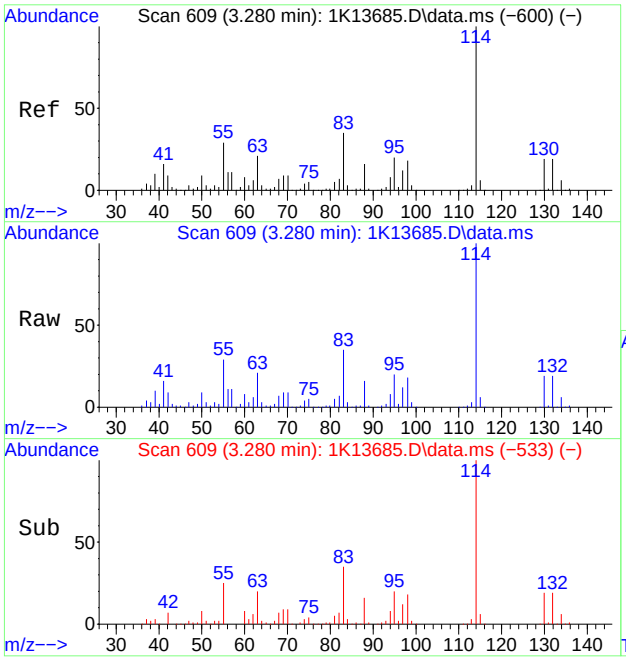


#64
1,2-dichloropropane
Concen: 50.00 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 63 Resp: 239306

Ion	Ratio	Lower	Upper
63	100		
112	4.4	0.0	34.4
76	40.3	10.3	70.3

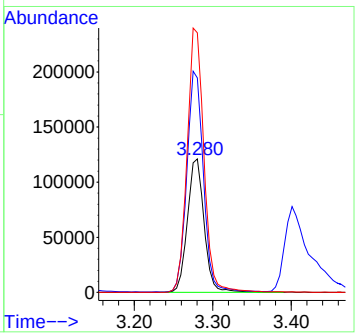


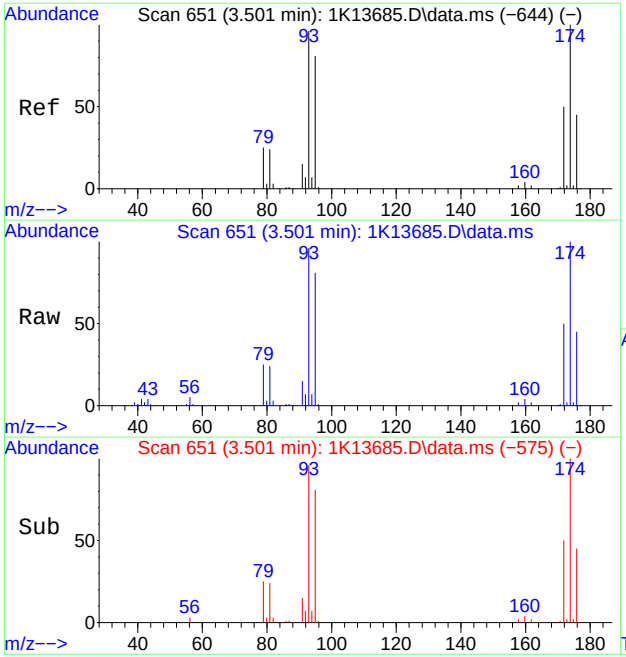


#65
methylcyclohexane
Concen: 50.00 ug/L
RT: 3.280 min Scan# 609
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 98 Resp: 179607

Ion	Ratio	Lower	Upper
98	100		
55	160.3	130.3	190.3
83	194.3	194.3	194.3#

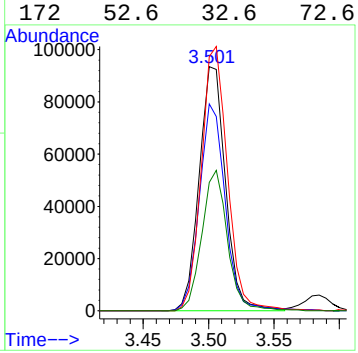


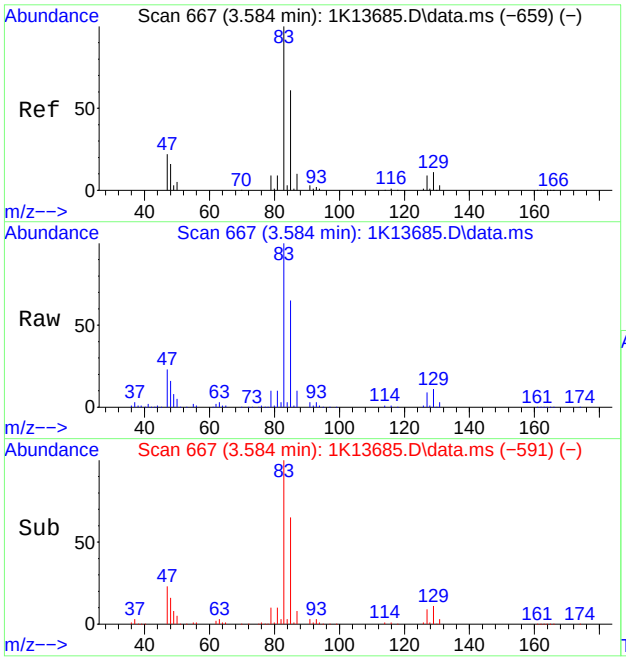


#66
dibromomethane
Concen: 50.00 ug/L
RT: 3.501 min Scan# 651
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 93 Resp: 131468

Ion	Ratio	Lower	Upper
93	100		
95	84.7	54.7	114.7
174	104.1	74.1	134.1
172	52.6	32.6	72.6

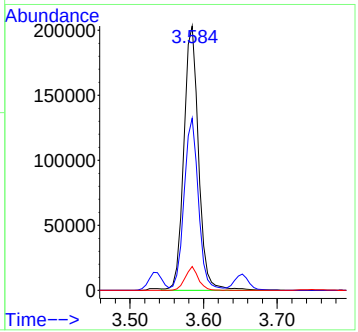


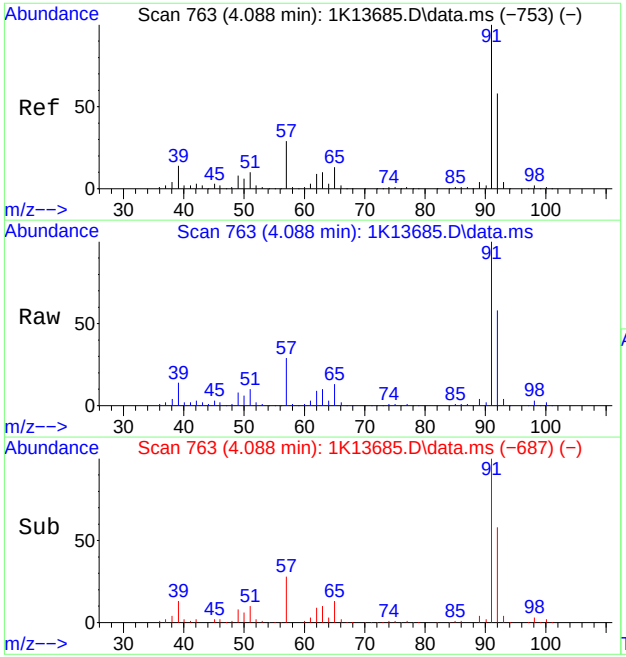


#67
bromodichloromethane
Concen: 50.00 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 83 Resp: 283582

Ion	Ratio	Lower	Upper
83	100		
85	65.1	35.1	95.1
127	9.1	0.0	39.1

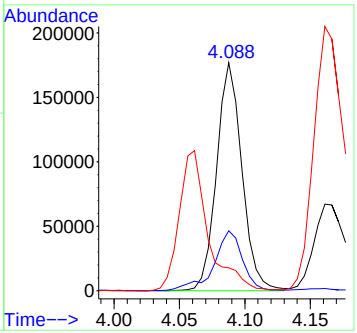


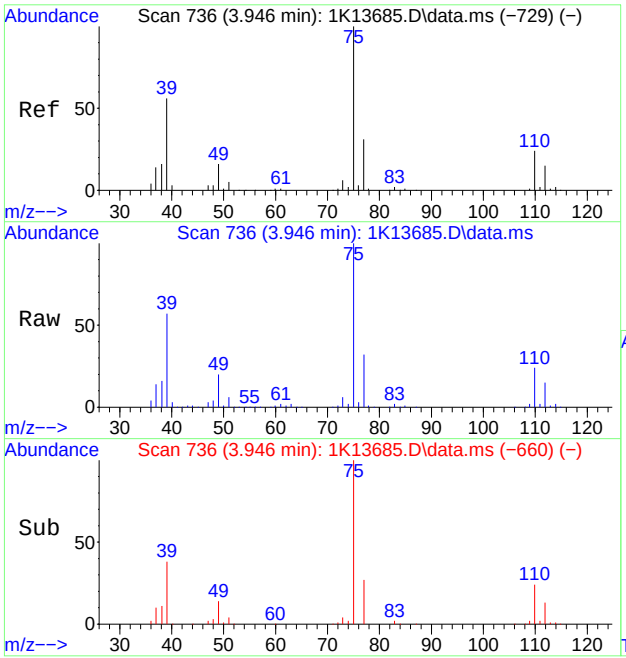


#68
epichlorohydrin
Concen: 250.00 ug/L
RT: 4.088 min Scan# 763
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 57 Resp: 239356

Ion	Ratio	Lower	Upper
57	100		
49	26.2	6.2	46.2
42	9.7	0.0	29.7

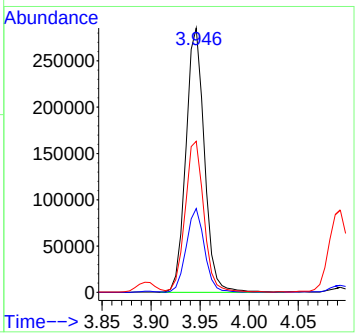


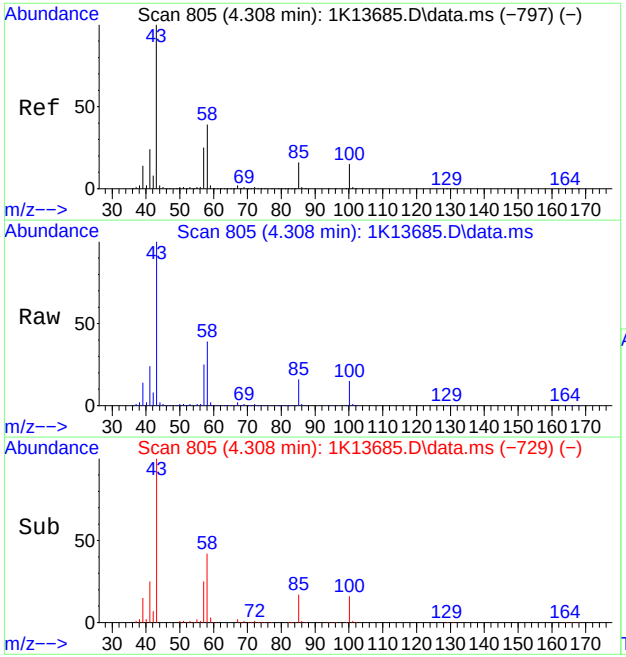


#69
cis-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 75 Resp: 375042

Ion	Ratio	Lower	Upper
75	100		
77	31.6	1.6	61.6
39	56.9	26.9	86.9

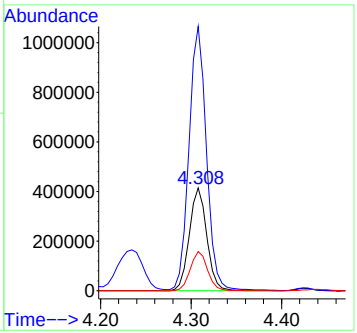


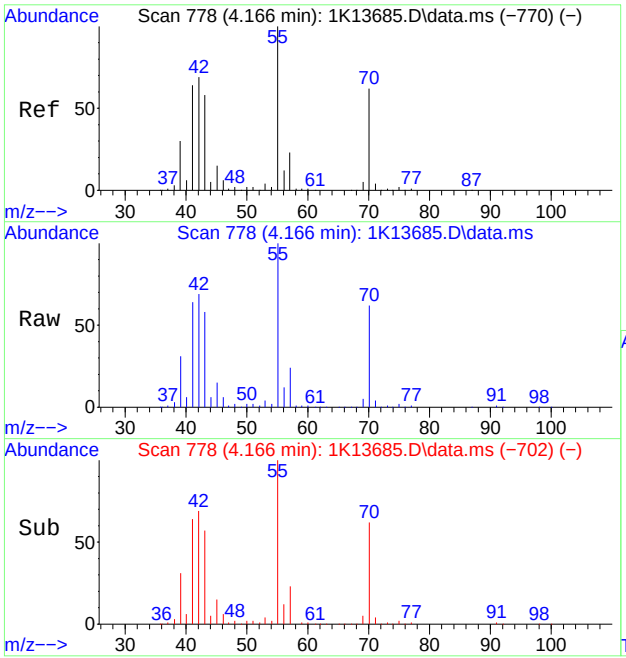


#70
4-methyl-2-pentanone
Concen: 200.00 ug/L
RT: 4.308 min Scan# 805
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 58 Resp: 559123

Ion	Ratio	Lower	Upper
58	100		
43	256.7	226.7	286.7
100	38.1	8.1	68.1

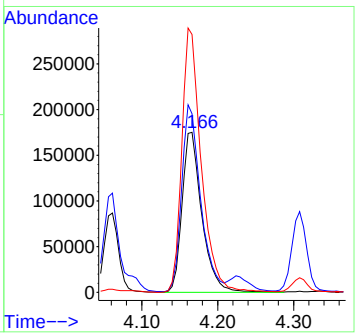


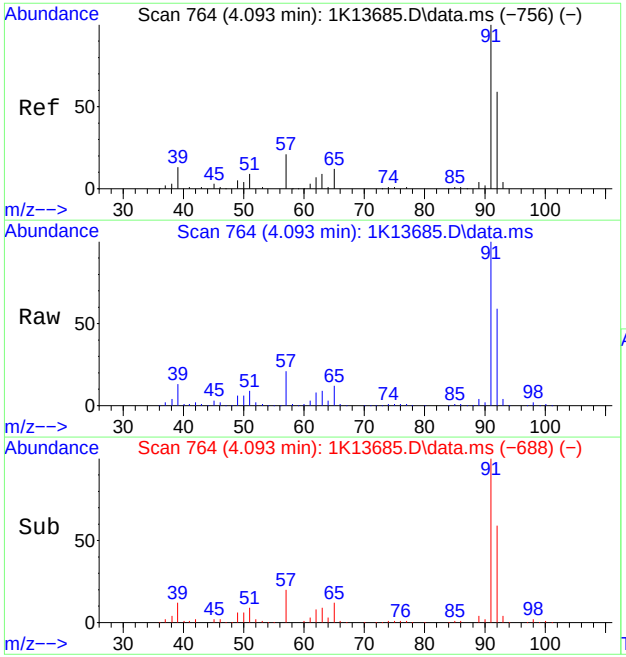


#71
3-methyl-1-butanol
Concen: 1000.00 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 70 Resp: 317106

Ion	Ratio	Lower	Upper
70	100		
42	111.3	81.3	141.3
55	161.4	131.4	191.4

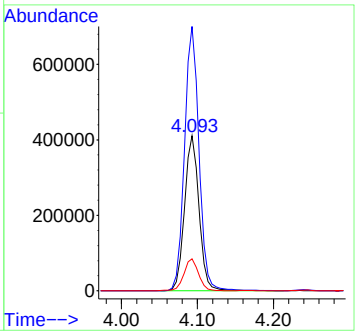


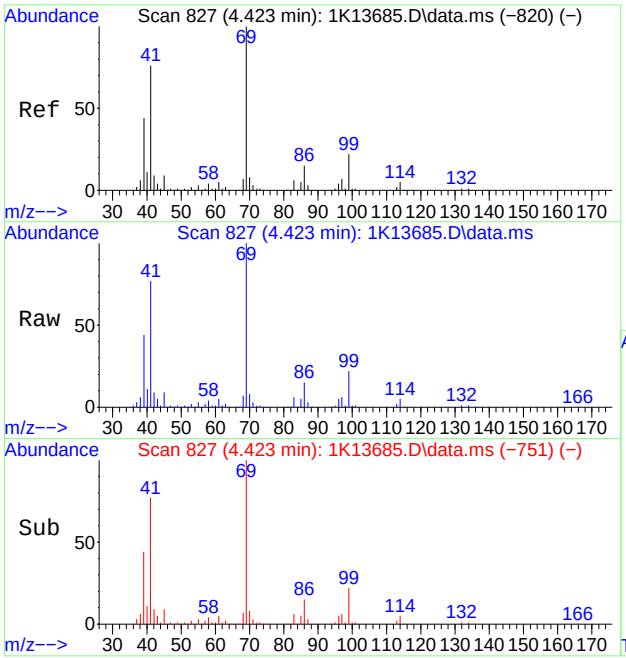


#74
toluene
Concen: 50.00 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 92 Resp: 542577

Ion	Ratio	Lower	Upper
92	100		
91	170.5	150.5	190.5
65	20.6	0.6	40.6

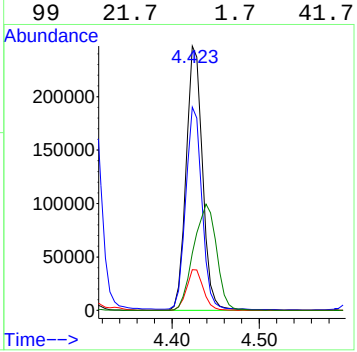


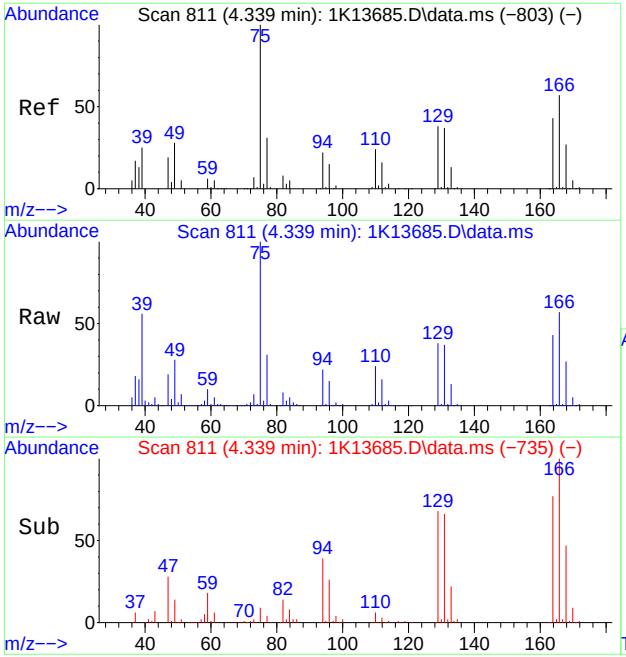


#75
ethyl methacrylate
Concen: 50.00 ug/L
RT: 4.423 min Scan# 827
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 69 Resp: 322428

Ion	Ratio	Lower	Upper
69	100		
41	76.7	56.7	96.7
86	15.4	0.0	35.4
99	21.7	1.7	41.7

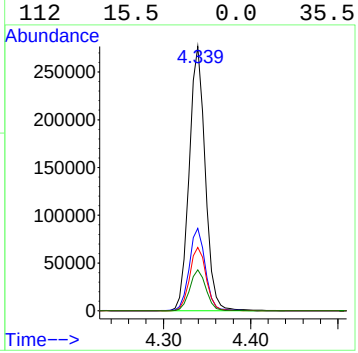


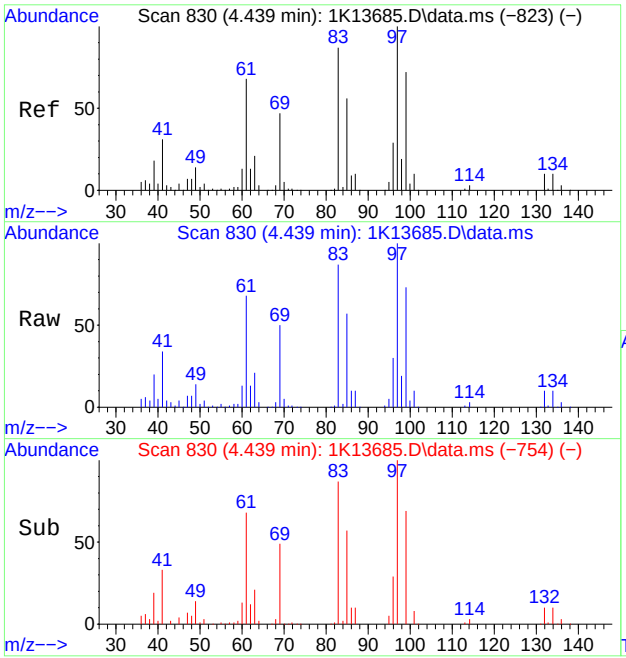


#76
trans-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 75 Resp: 352718

Ion	Ratio	Lower	Upper
75	100		
77	31.2	11.2	51.2
110	24.0	4.0	44.0
112	15.5	0.0	35.5

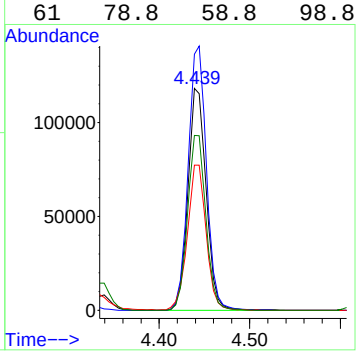


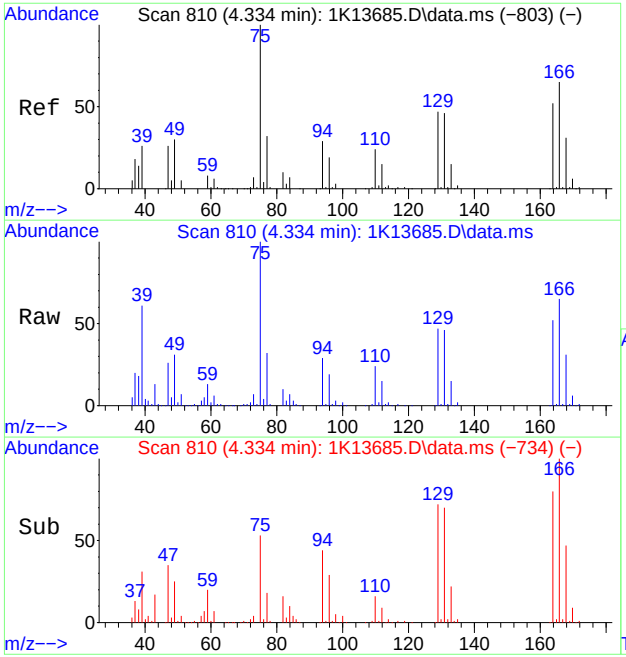


#77
1,1,2-trichloroethane
Concen: 50.00 ug/L
RT: 4.439 min Scan# 830
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 83 Resp: 166023

Ion	Ratio	Lower	Upper
83	100		
97	115.4	95.4	135.4
85	65.4	45.4	85.4
61	78.8	58.8	98.8

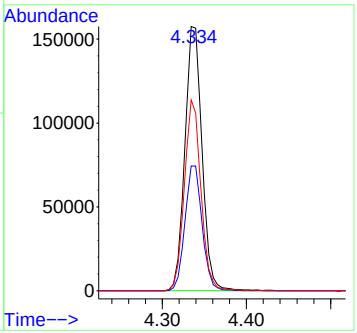


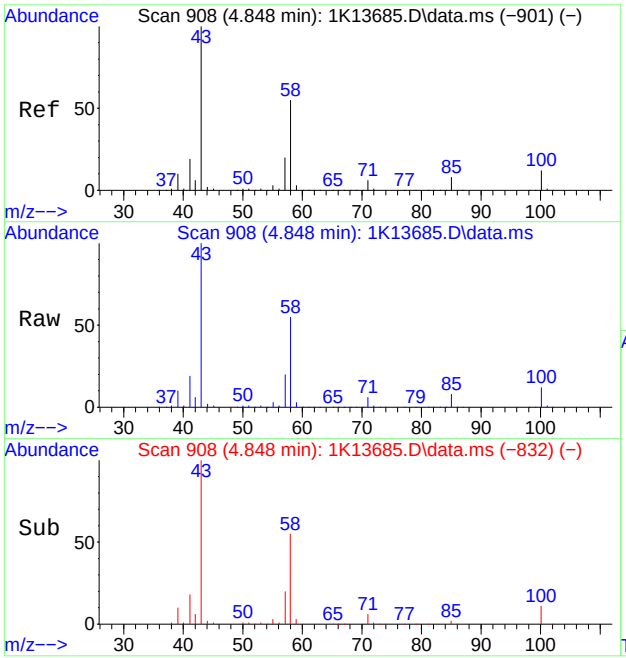


#78
tetrachloroethene
Concen: 50.00 ug/L
RT: 4.334 min Scan# 810
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:166 Resp: 223535

Ion	Ratio	Lower	Upper
166	100		
168	47.2	17.2	77.2
129	72.2	42.2	102.2

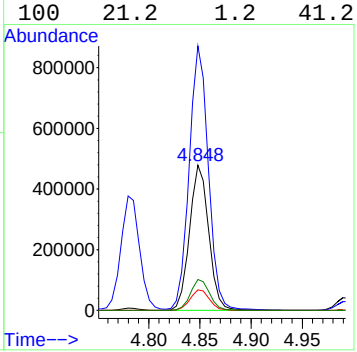


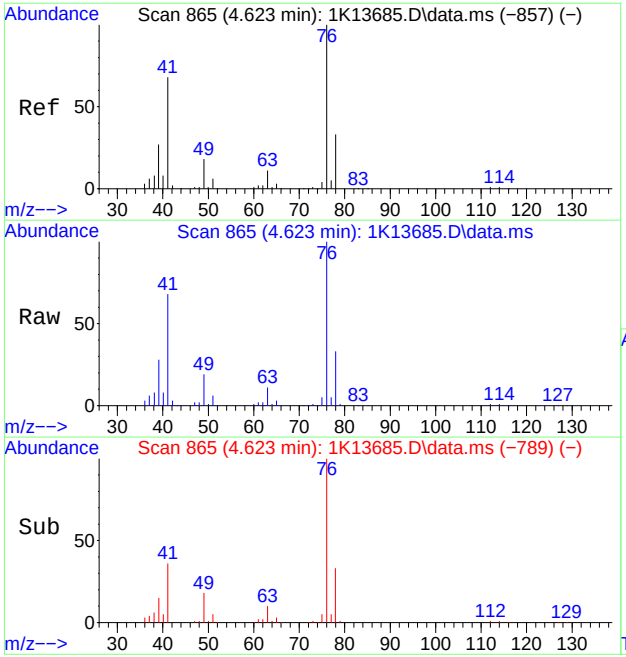


#79
2-hexanone
Concen: 200.00 ug/L
RT: 4.848 min Scan# 908
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 58 Resp: 625804

Ion	Ratio	Lower	Upper
58	100		
43	182.0	162.0	202.0
85	14.2	0.0	34.2
100	21.2	1.2	41.2

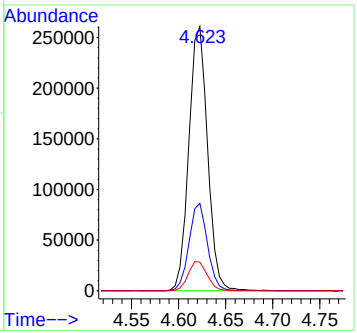


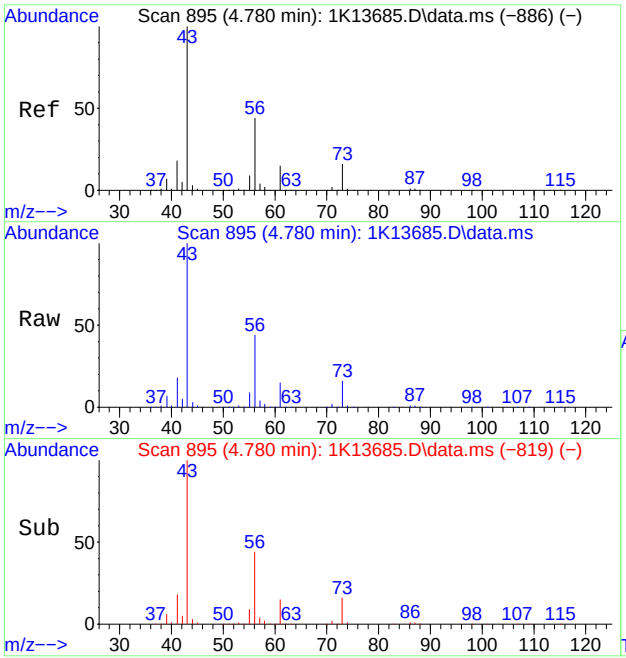


#80
1,3-dichloropropane
Concen: 50.00 ug/L
RT: 4.623 min Scan# 865
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 76 Resp: 360463

Ion	Ratio	Lower	Upper
76	100		
78	33.0	3.0	63.0
63	10.8	0.0	40.8

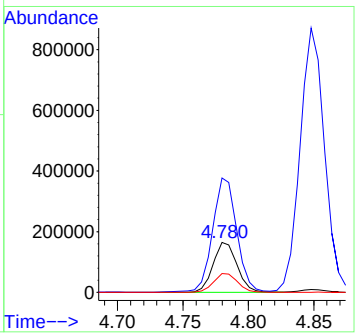


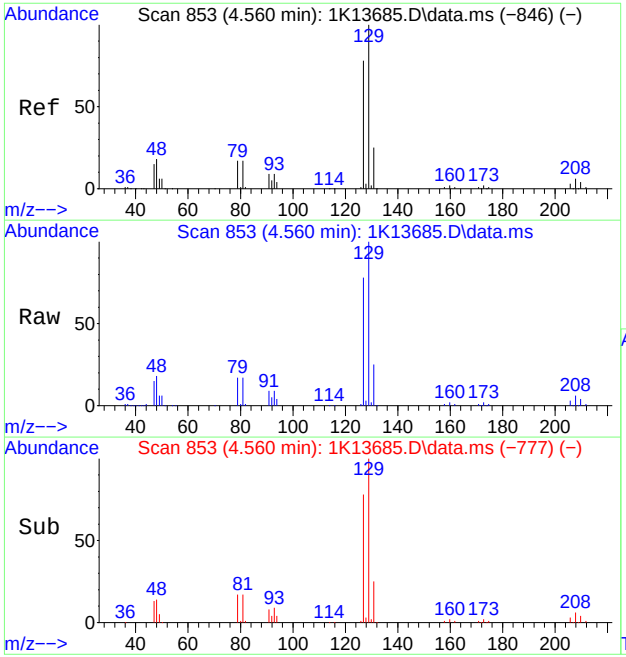


#81
butyl acetate
Concen: 50.00 ug/L
RT: 4.780 min Scan# 895
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 56 Resp: 211458

Ion	Ratio	Lower	Upper
56	100		
43	228.9	198.9	258.9
73	37.7	7.7	67.7

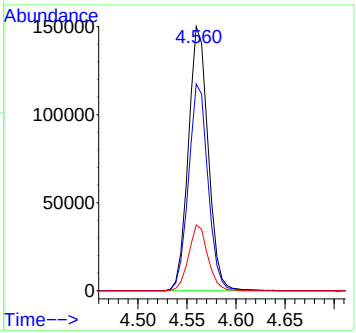


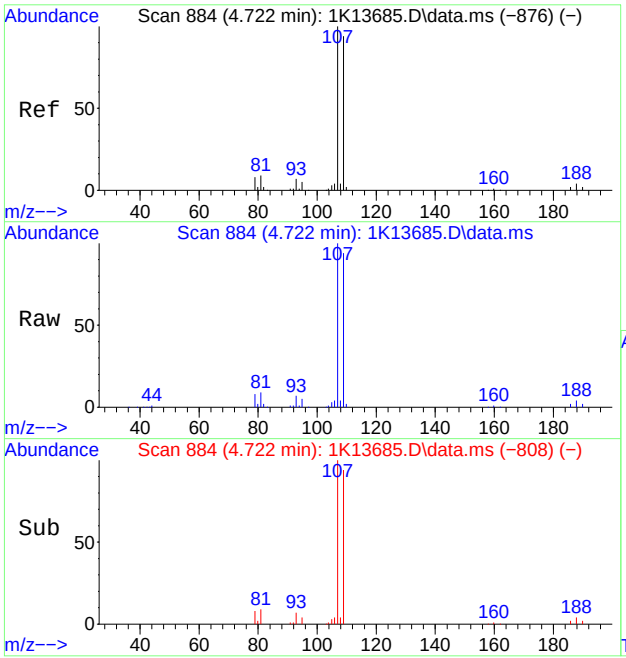


#82
dibromochloromethane
Concen: 50.00 ug/L
RT: 4.560 min Scan# 853
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:129 Resp: 210918

Ion	Ratio	Lower	Upper
129	100		
127	78.2	48.2	108.2
131	24.9	0.0	54.9

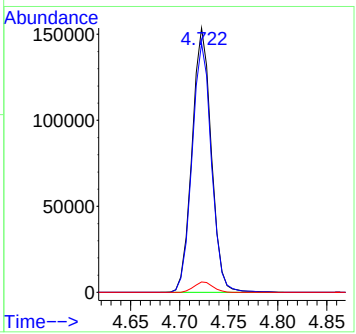


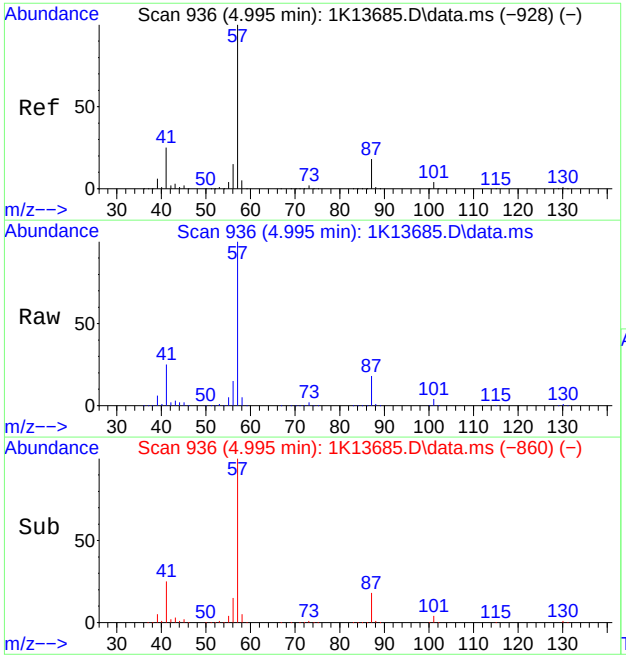


#83
1,2-dibromoethane
Concen: 50.00 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:107 Resp: 210015

Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.1	124.1
188	3.9	0.0	33.9

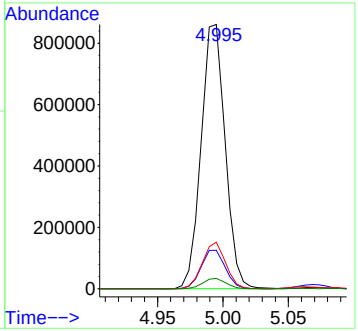


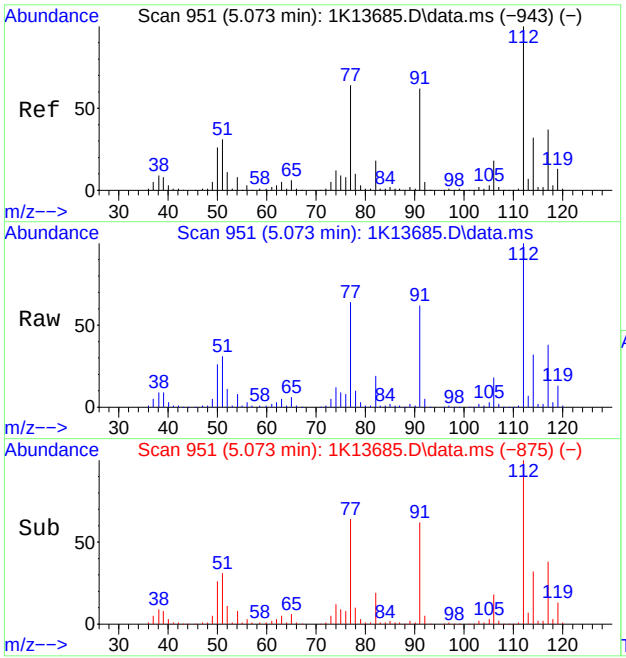


#84
n-butyl ether
Concen: 50.00 ug/L
RT: 4.995 min Scan# 936
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 57 Resp: 1104268

Ion	Ratio	Lower	Upper
57	100		
56	14.5	0.0	44.5
87	17.6	0.0	47.6
101	3.9	0.0	33.9

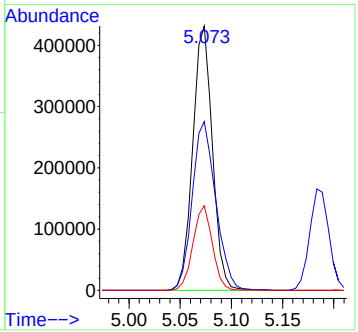


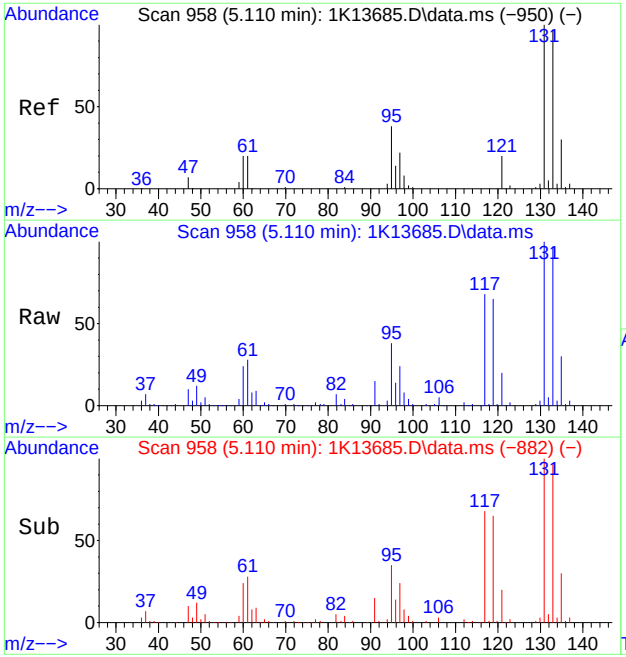


#85
chlorobenzene
Concen: 50.00 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:112 Resp: 579257

Ion	Ratio	Lower	Upper
112	100		
77	63.8	33.8	93.8
114	32.0	2.0	62.0

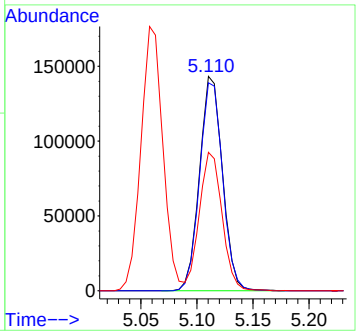


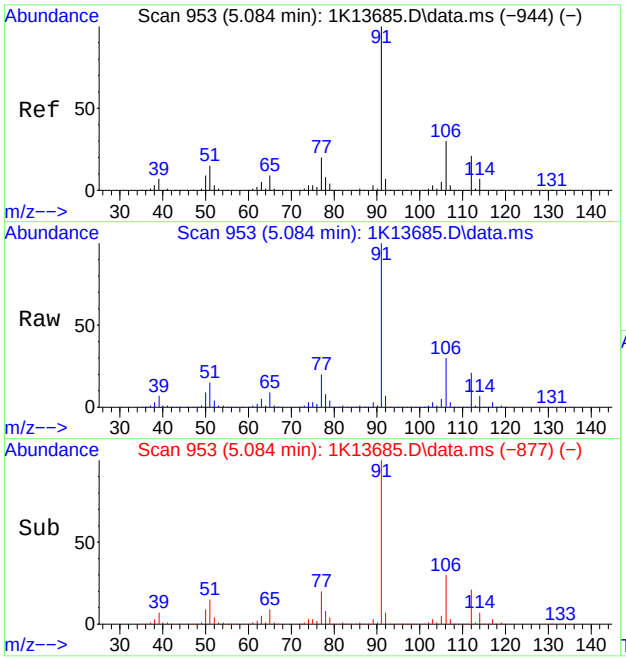


#86
1,1,1,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 5.110 min Scan# 958
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:131 Resp: 204294

Ion	Ratio	Lower	Upper
131	100		
133	97.0	67.0	127.0
119	64.4	34.4	94.4

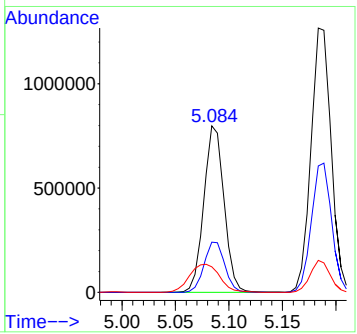


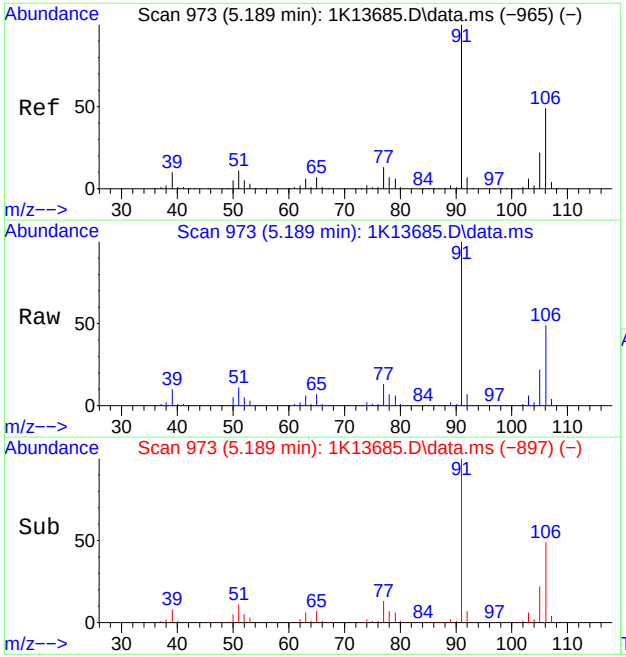


#87
ethylbenzene
Concen: 50.00 ug/L
RT: 5.084 min Scan# 953
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 91 Resp: 1052521

Ion	Ratio	Lower	Upper
91	100		
106	30.2	0.2	60.2
51	15.3	0.0	45.3

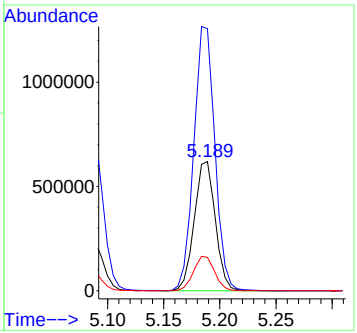


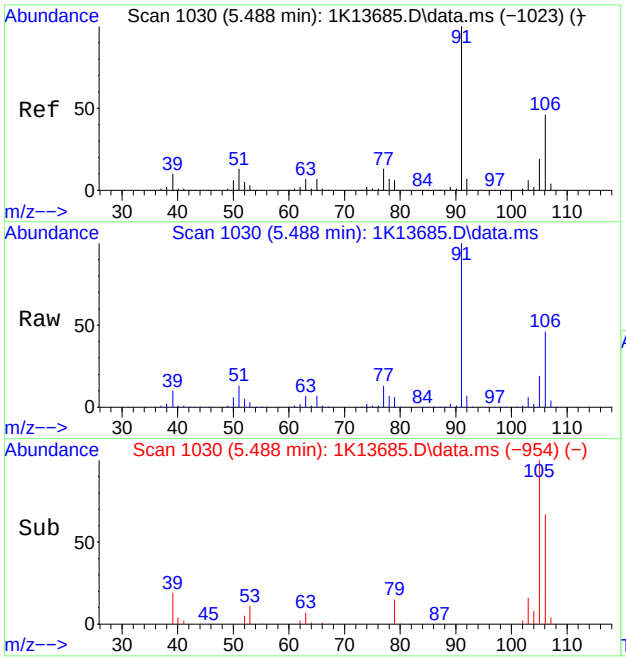


#88
m,p-xylene
Concen: 100.00 ug/L
RT: 5.189 min Scan# 973
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:106 Resp: 812184

Ion	Ratio	Lower	Upper
106	100		
91	202.8	172.8	232.8
77	25.8	5.8	45.8

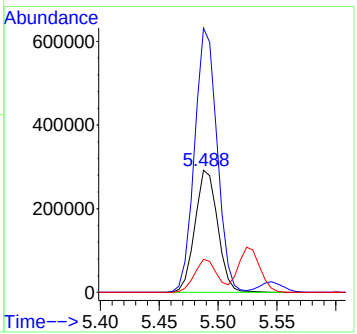


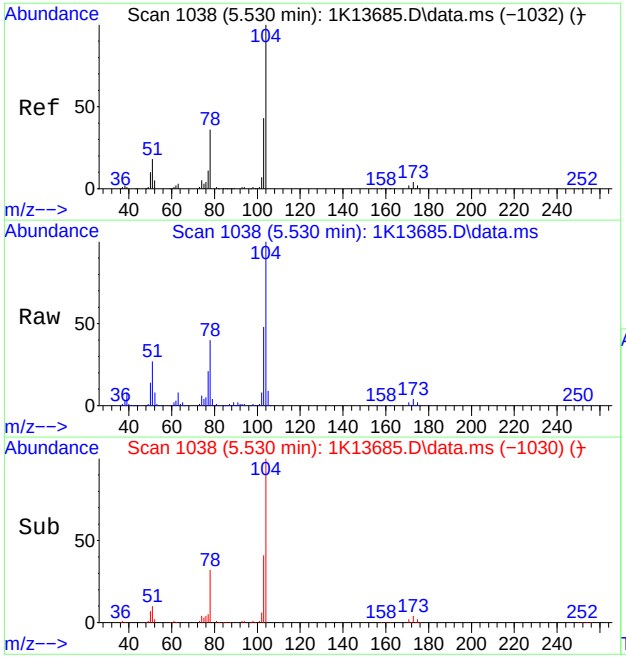


#89
o-xylene
Concen: 50.00 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:106 Resp: 393522

Ion	Ratio	Lower	Upper
106	100		
91	216.3	186.3	246.3
77	27.1	7.1	47.1

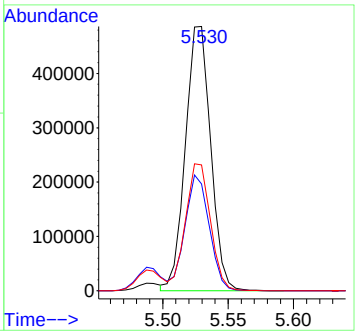


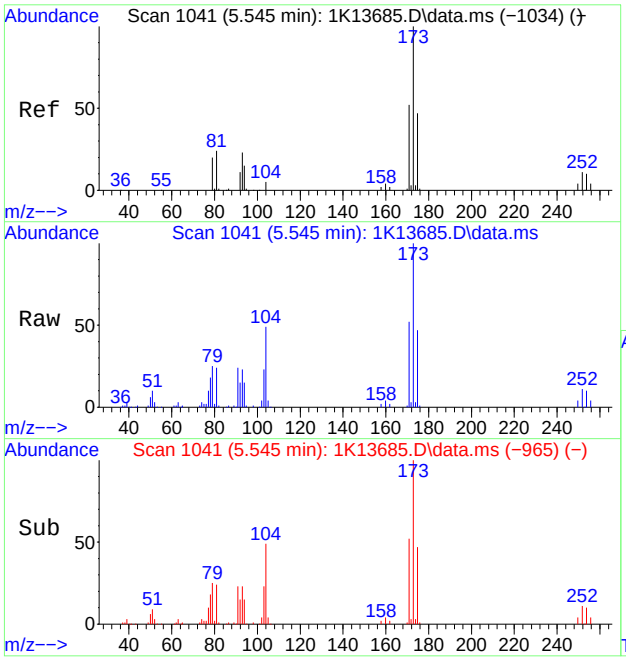


#90
styrene
Concen: 50.00 ug/L
RT: 5.530 min Scan# 1038
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:104 Resp: 655390

Ion	Ratio	Lower	Upper
104	100		
78	40.4	10.4	70.4
103	47.6	17.6	77.6

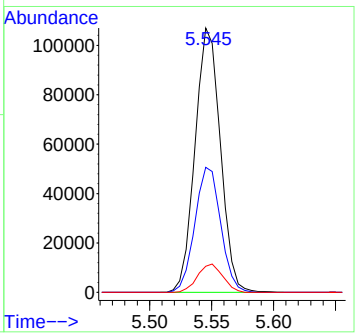




#91
bromoform
Concen: 50.00 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

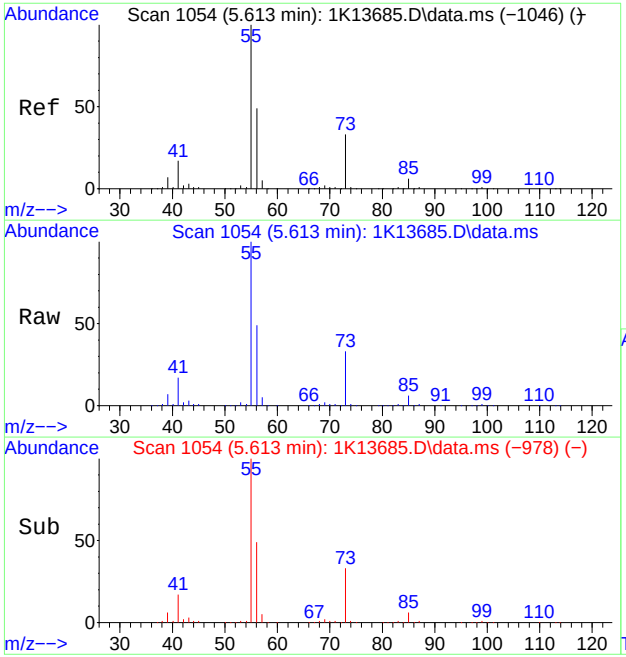
Tgt Ion:173 Resp: 152453

Ion	Ratio	Lower	Upper
173	100		
175	47.2	17.2	77.2
254	9.9	0.0	39.9



7.6.21

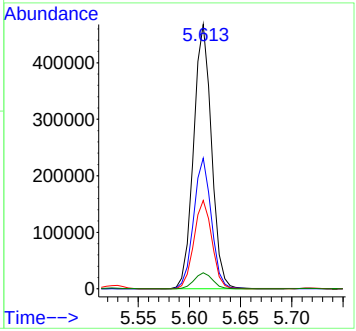
7

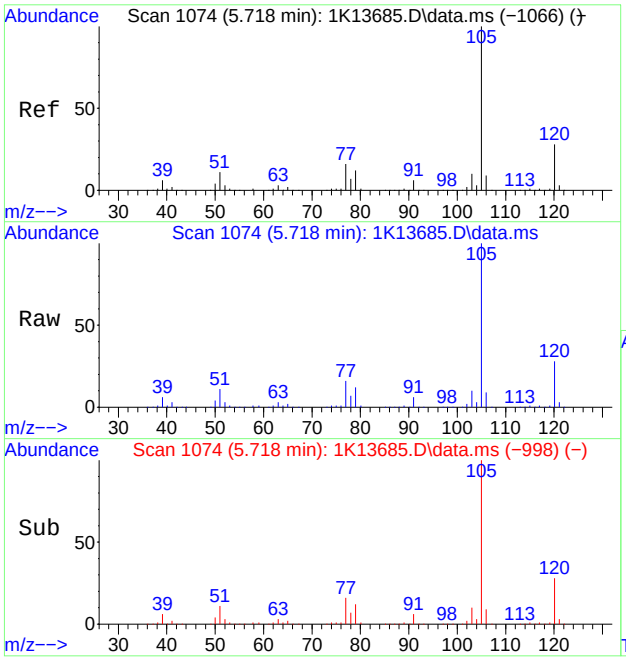


#92
butyl acrylate
Concen: 50.00 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 55 Resp: 573556

Ion	Ratio	Lower	Upper
55	100		
56	49.4	19.4	79.4
73	33.4	3.4	63.4
85	6.1	0.0	36.1

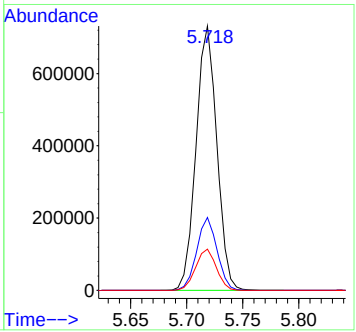


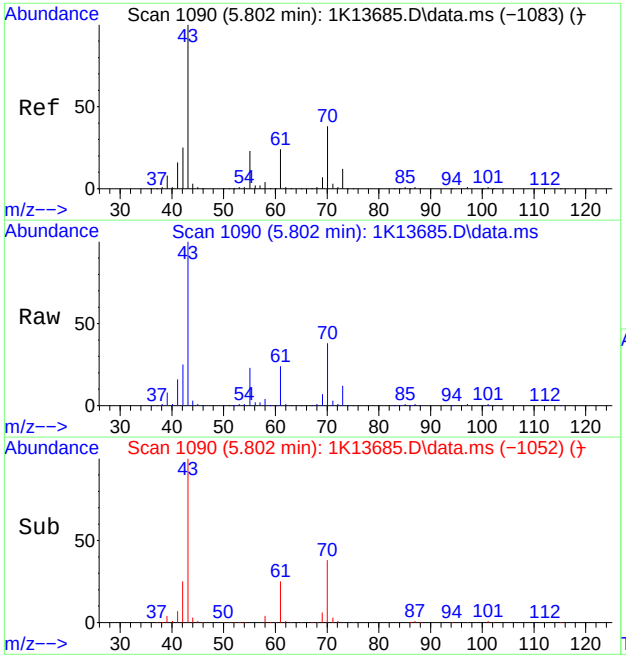


#93
isopropylbenzene
Concen: 50.00 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:105 Resp: 943745

Ion	Ratio	Lower	Upper
105	100		
120	27.6	7.6	47.6
77	15.6	0.0	35.6

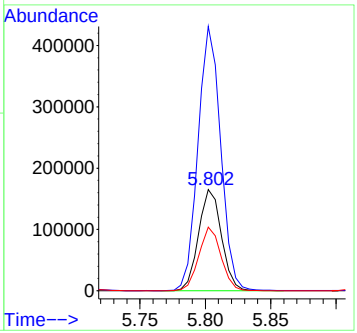


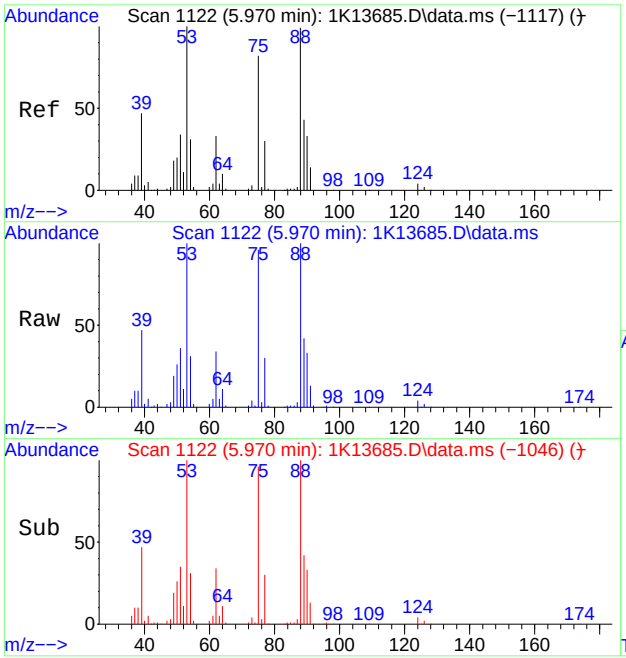


#94
n-amyl acetate
Concen: 50.00 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 70 Resp: 201923

Ion	Ratio	Lower	Upper
70	100		
43	261.4	241.4	281.4
61	63.1	43.1	83.1

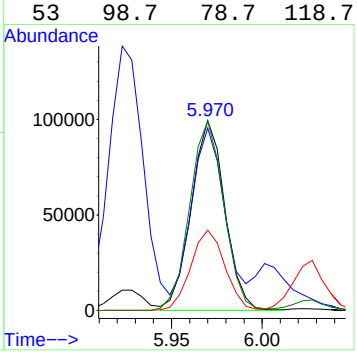


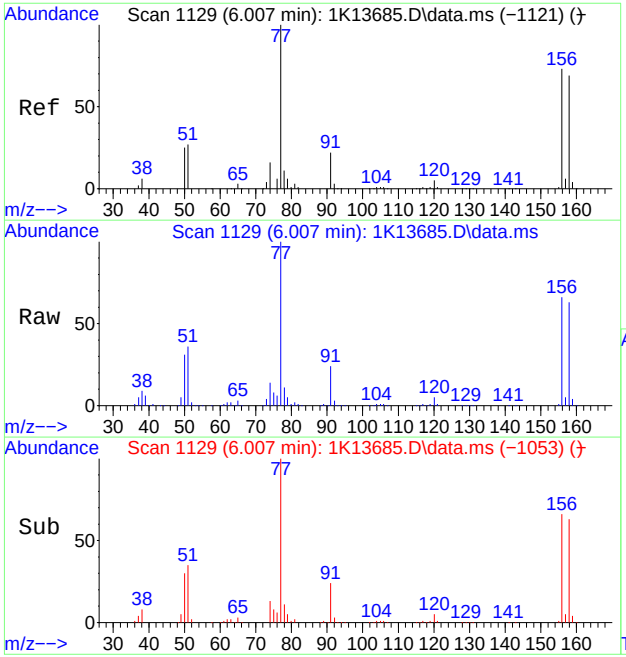


#95
cis-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 88 Resp: 128209

Ion	Ratio	Lower	Upper
88	100		
75	81.4	61.4	101.4
89	42.1	22.1	62.1
53	98.7	78.7	118.7

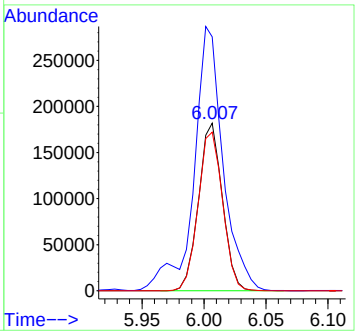


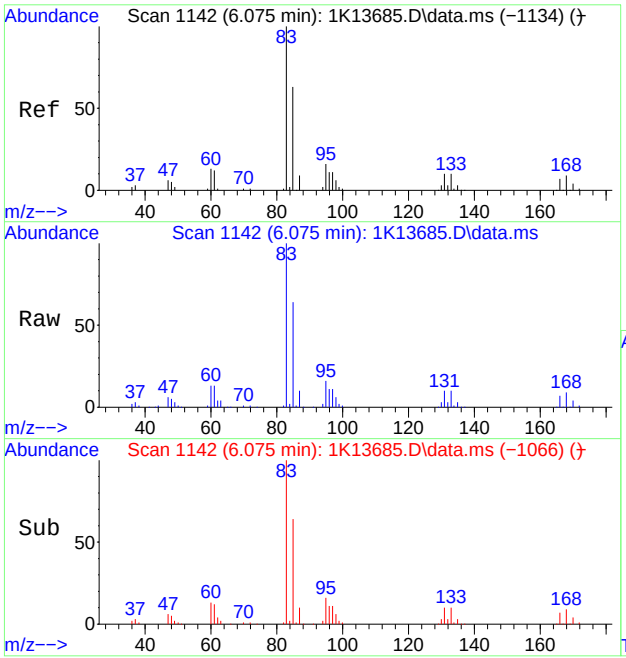


#98
bromobenzene
Concen: 50.00 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:156 Resp: 243507

Ion	Ratio	Lower	Upper
156	100		
77	151.4	121.4	181.4
158	94.8	64.8	124.8

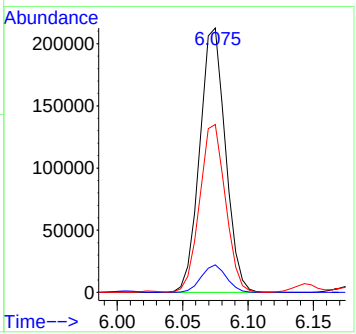


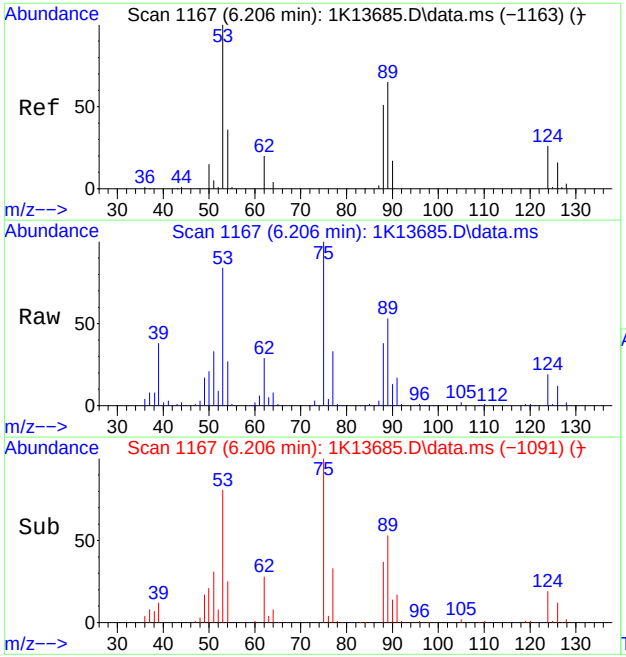


#99
1,1,2,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 83 Resp: 290323

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	40.4
85	63.3	33.3	93.3

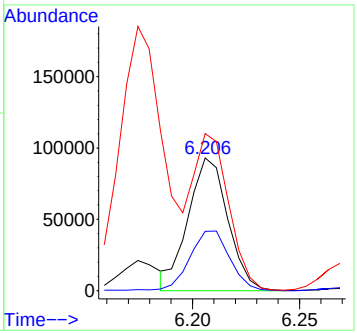


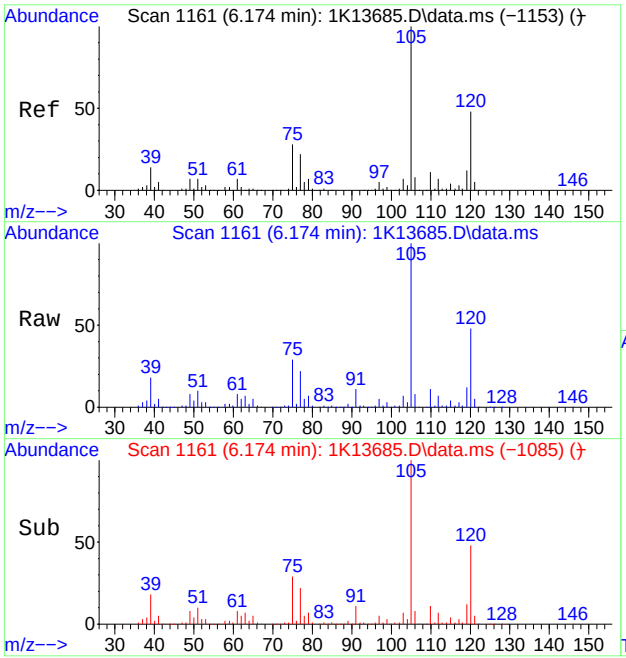


#100
trans-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 53 Resp: 120316

Ion	Ratio	Lower	Upper
53	100		
88	45.0	15.0	75.0
75	118.4	88.4	148.4

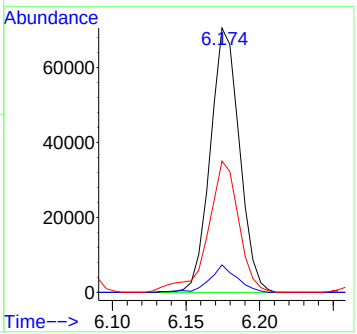




#101
1,2,3-trichloropropane
Concen: 50.00 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:110 Resp: 96980

Ion	Ratio	Lower	Upper
110	100		
111	10.4	0.0	40.4
97	49.6	19.6	79.6



7.6.21

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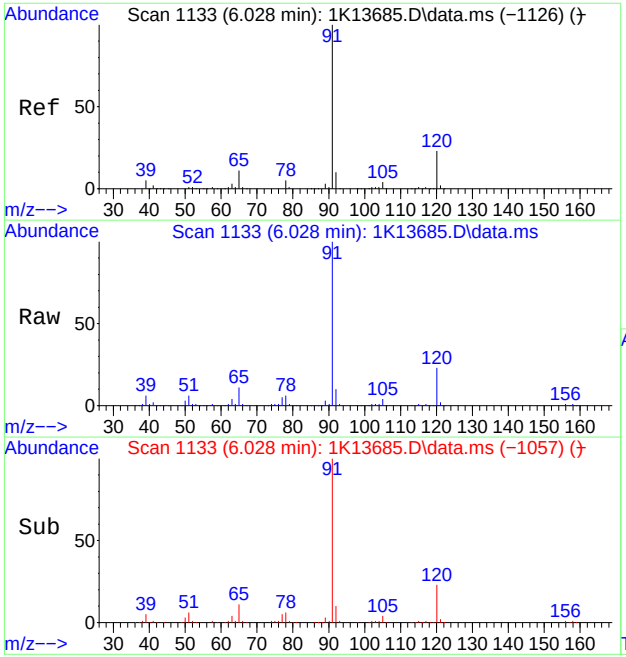
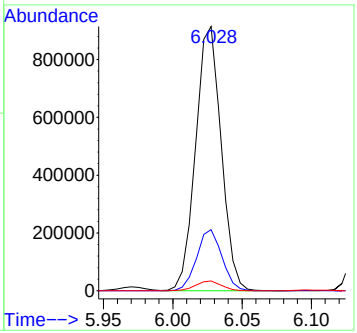
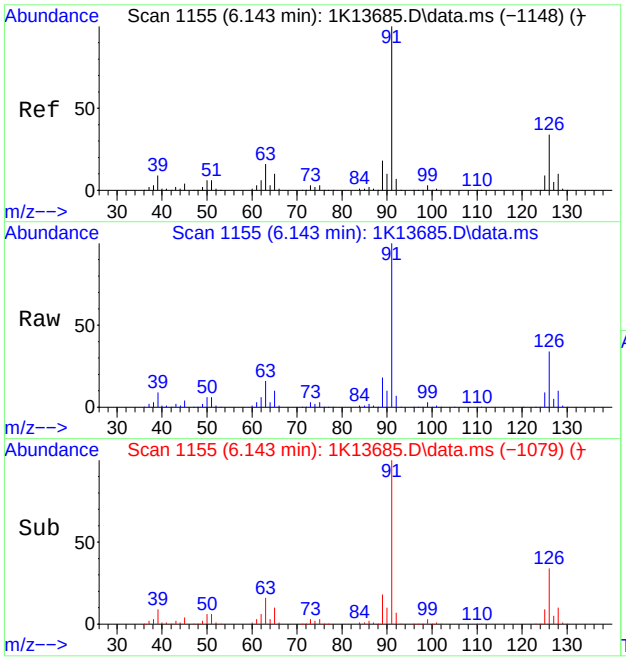


#102
n-propylbenzene
Concen: 50.00 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 91 Resp: 1173835

Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	53.1
105	3.8	0.0	33.8

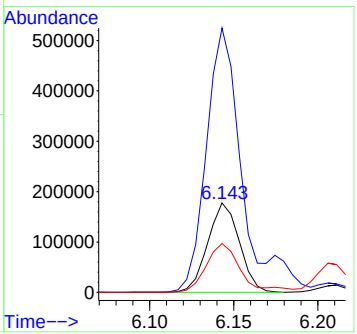


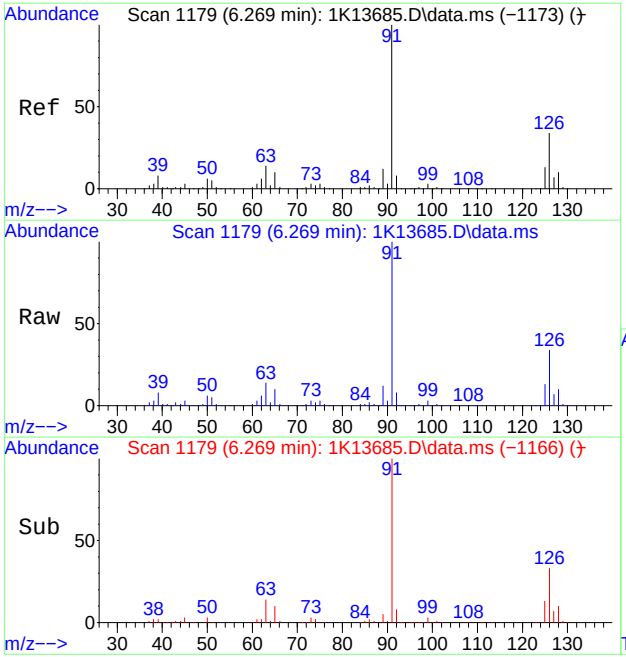


#103
2-chlorotoluene
Concen: 50.00 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:126 Resp: 232915

Ion	Ratio	Lower	Upper
126	100		
91	295.3	265.3	325.3
89	54.5	24.5	84.5

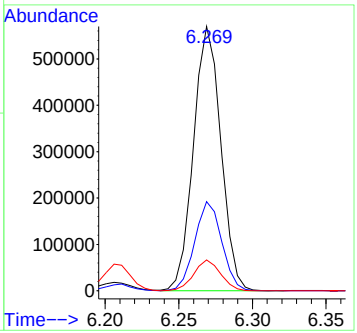


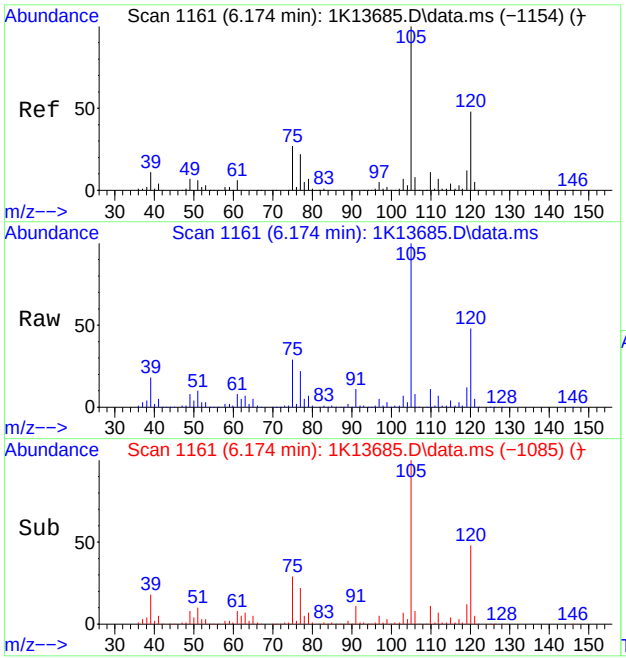


#104
4-chlorotoluene
Concen: 50.00 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 91 Resp: 733846

Ion	Ratio	Lower	Upper
91	100		
126	33.8	3.8	63.8
89	11.7	0.0	41.7

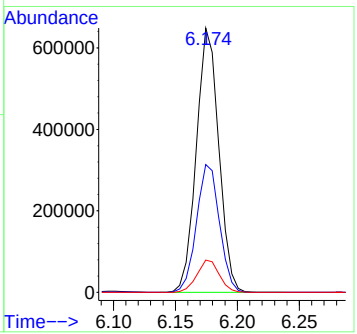


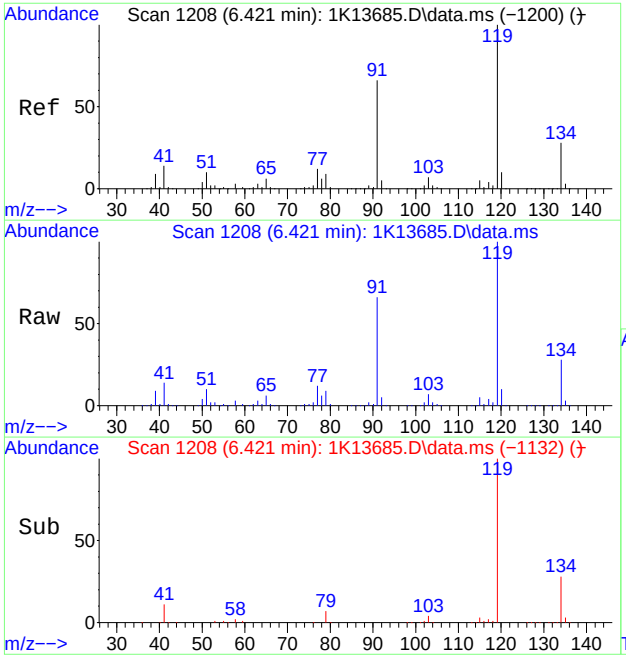


#105
1,3,5-trimethylbenzene
Concen: 50.00 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:105 Resp: 818006

Ion	Ratio	Lower	Upper
105	100		
120	48.3	18.3	78.3
119	12.2	0.0	42.2

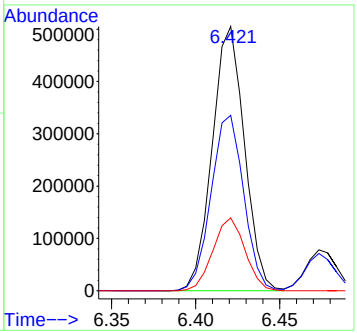


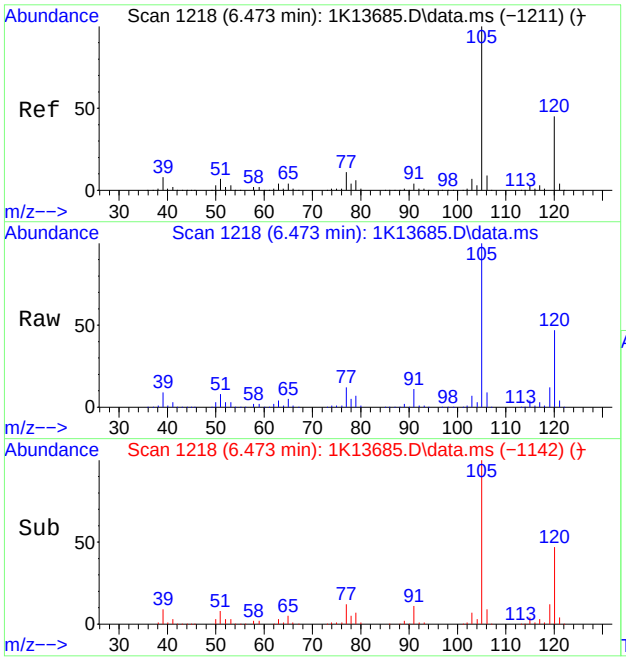


#106
tert-butylbenzene
Concen: 50.00 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:119 Resp: 675876

Ion	Ratio	Lower	Upper
119	100		
91	66.3	36.3	96.3
134	27.5	0.0	57.5

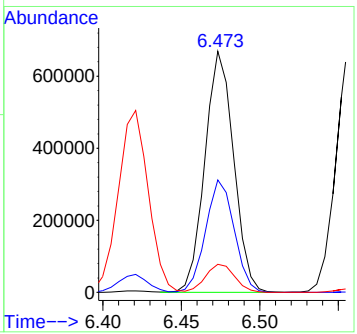


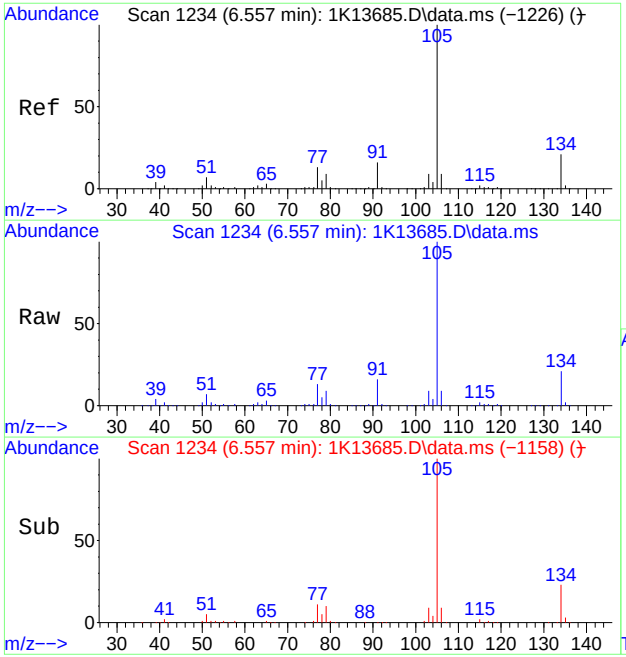


#107
1,2,4-trimethylbenzene
Concen: 50.00 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:105 Resp: 854473

Ion	Ratio	Lower	Upper
105	100		
120	46.6	16.6	76.6
119	11.7	0.0	41.7

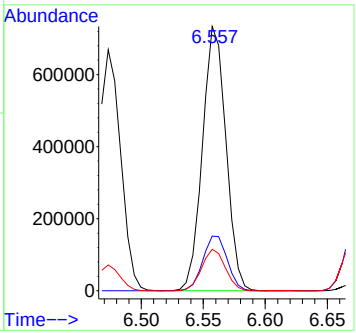


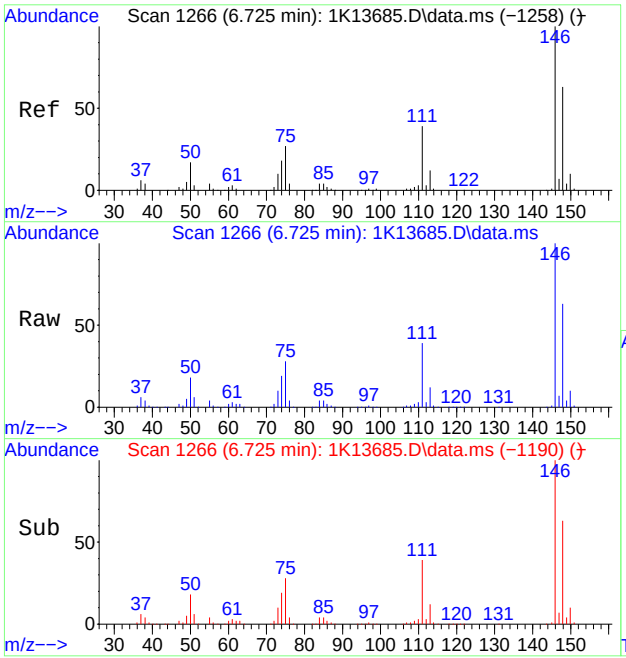


#108
sec-butylbenzene
Concen: 50.00 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:105 Resp: 968182

Ion	Ratio	Lower	Upper
105	100		
134	20.7	0.0	50.7
91	15.7	0.0	45.7

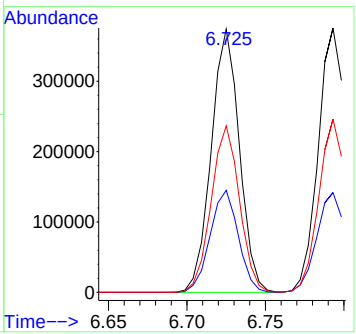


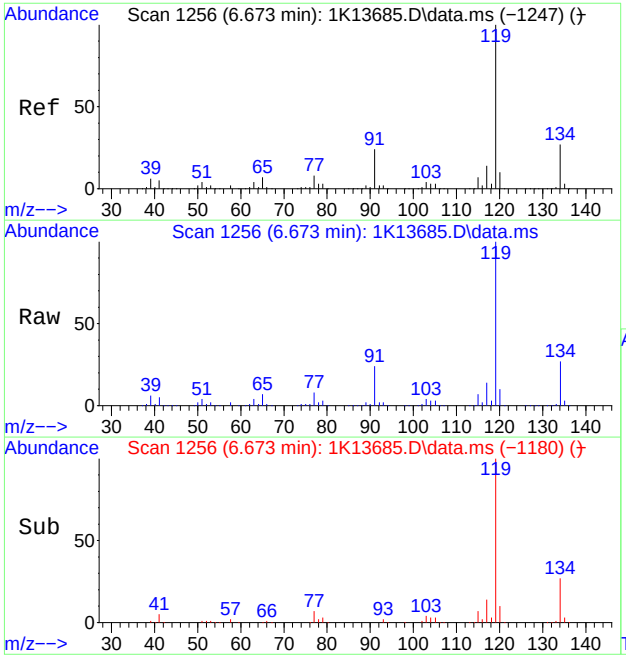


#109
1,3-dichlorobenzene
Concen: 50.00 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:146 Resp: 467503

Ion	Ratio	Lower	Upper
146	100		
111	38.8	8.8	68.8
148	63.3	33.3	93.3

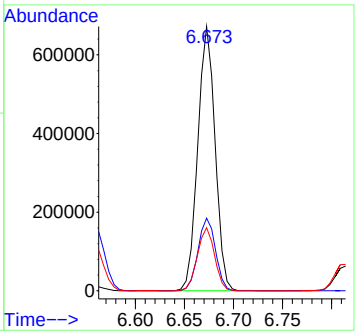


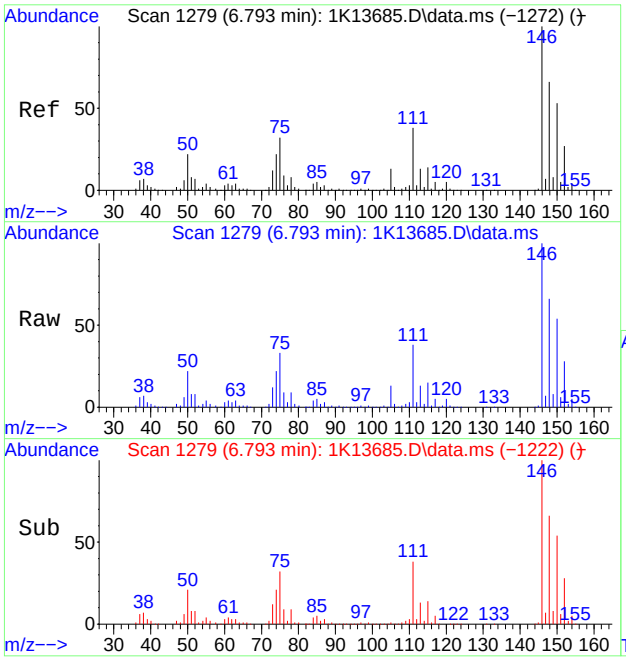


#110
p-isopropyltoluene
Concen: 50.00 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:119 Resp: 826757

Ion	Ratio	Lower	Upper
119	100		
134	27.5	0.0	57.5
91	23.9	0.0	53.9

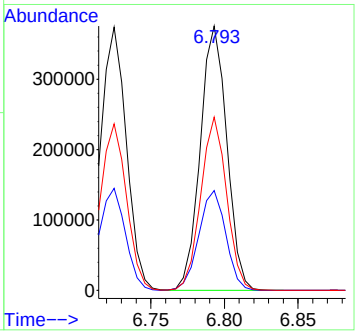




#111
1,4-dichlorobenzene
Concen: 50.00 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

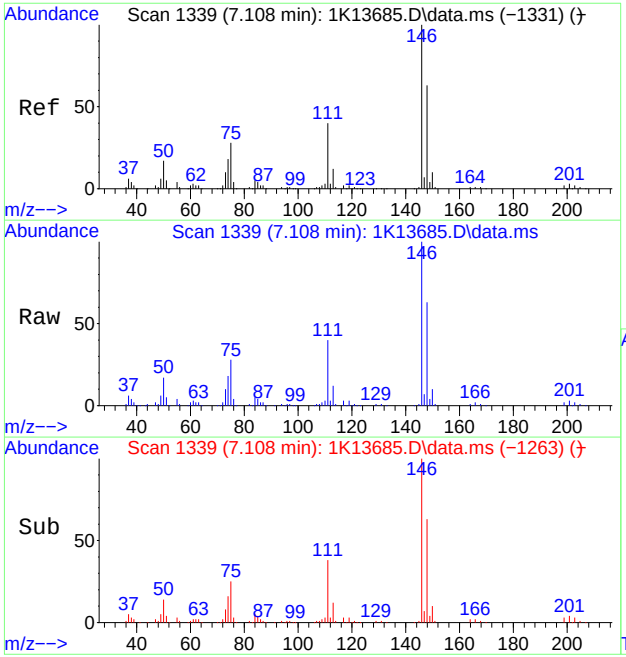
Tgt Ion:146 Resp: 471129

Ion	Ratio	Lower	Upper
146	100		
111	37.8	7.8	67.8
148	65.5	35.5	95.5



7.6.21

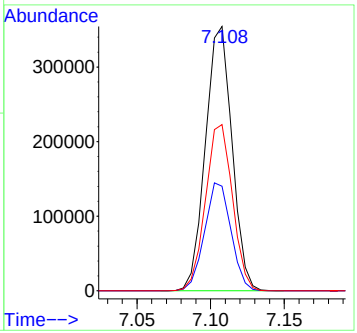
7

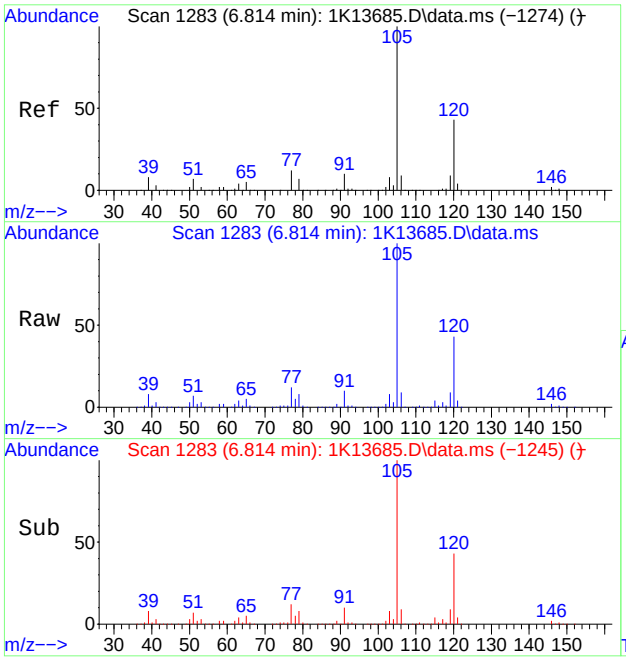


#112
1,2-dichlorobenzene
Concen: 50.00 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:146 Resp: 445332

Ion	Ratio	Lower	Upper
146	100		
111	39.5	9.5	69.5
148	62.9	32.9	92.9

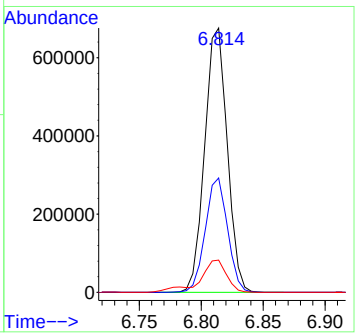


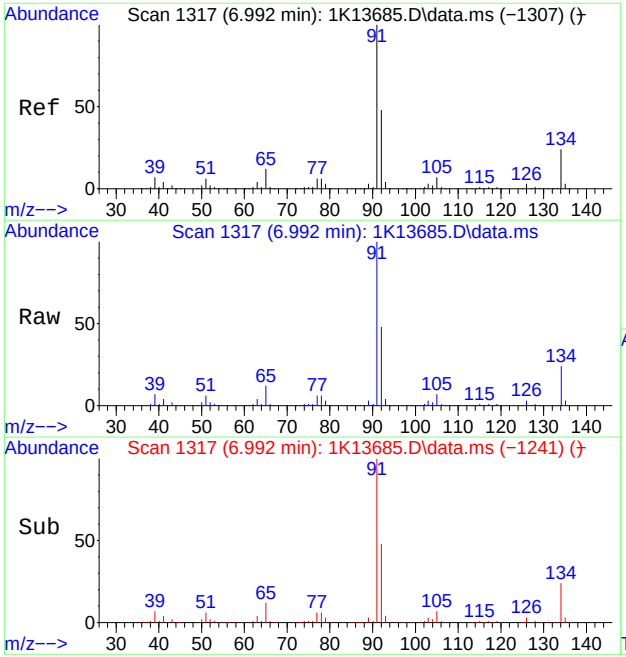


#113
1,2,3-trimethylbenzene
Concen: 50.00 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:105 Resp: 856632

Ion	Ratio	Lower	Upper
105	100		
120	43.3	13.3	73.3
77	12.2	0.0	42.2

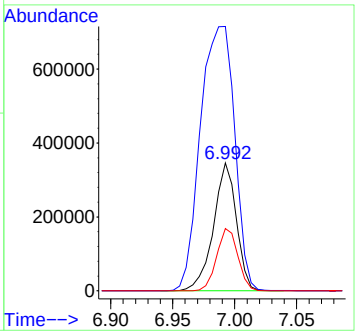


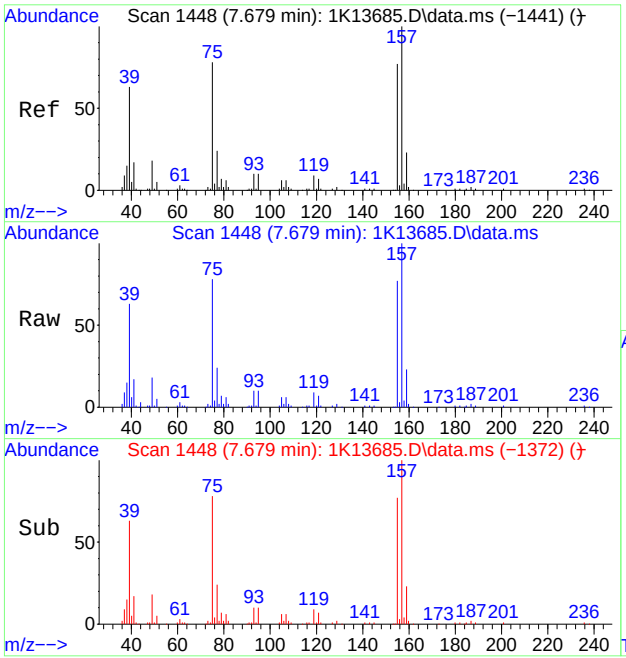


#114
n-butylbenzene
Concen: 50.00 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion: 92 Resp: 444413

Ion	Ratio	Lower	Upper
92	100		
91	206.9	176.9	236.9
134	48.8	18.8	78.8

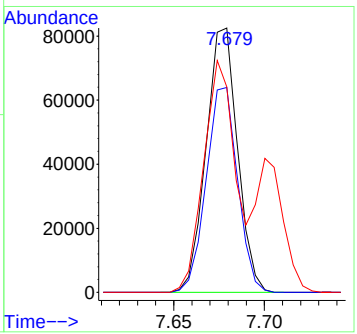


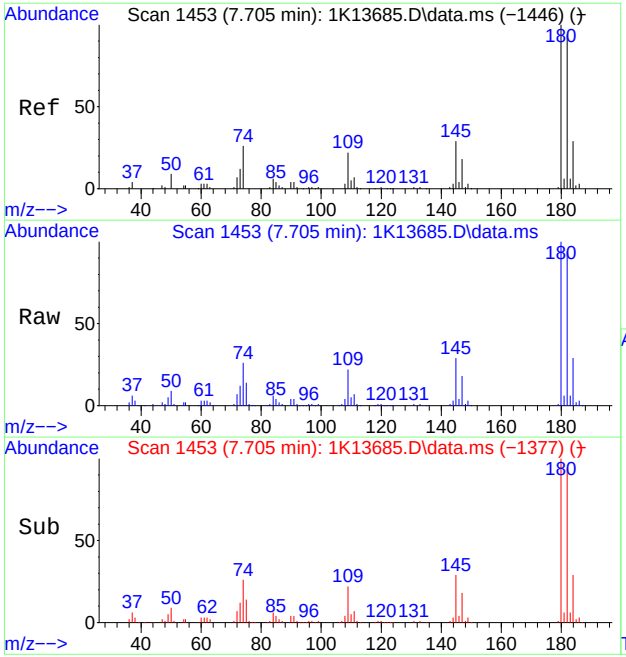


#115
1,2-dibromo-3-chloropropane
Concen: 50.00 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:157 Resp: 99490

Ion	Ratio	Lower	Upper
157	100		
155	77.4	47.4	107.4
75	77.7	47.7	107.7

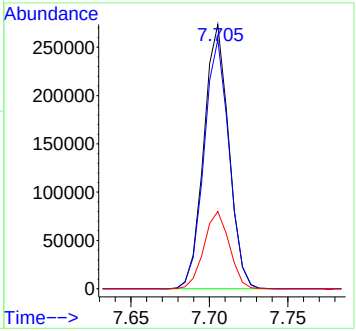


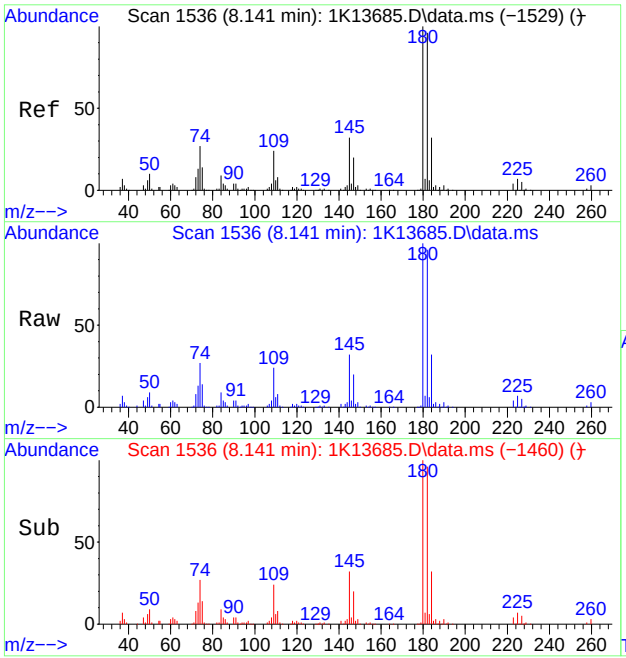


#116
1,3,5-trichlorobenzene
Concen: 50.00 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:180 Resp: 303028

Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.2	114.2
184	29.3	9.3	49.3

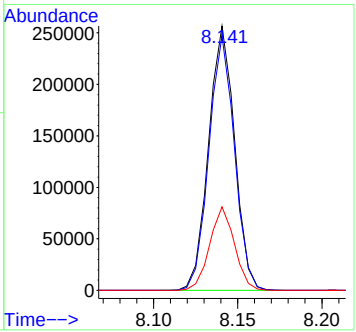


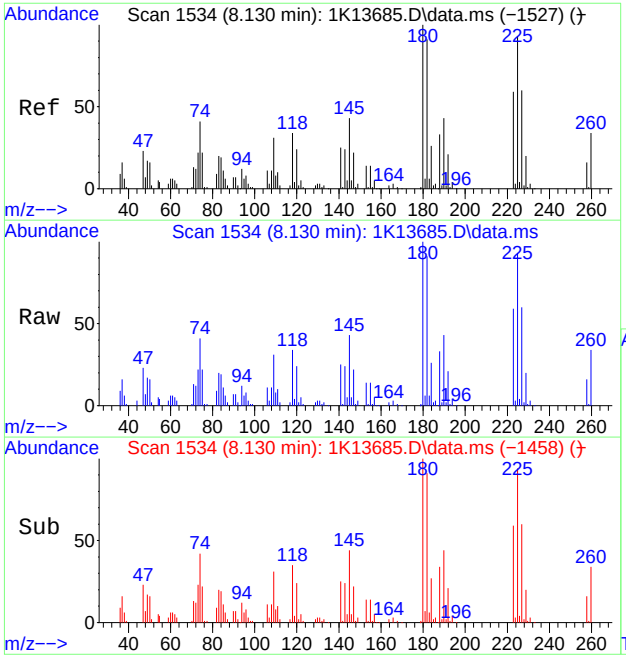


#117
1,2,4-trichlorobenzene
Concen: 50.00 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:180 Resp: 275715

Ion	Ratio	Lower	Upper
180	100		
182	96.2	66.2	126.2
184	31.6	1.6	61.6

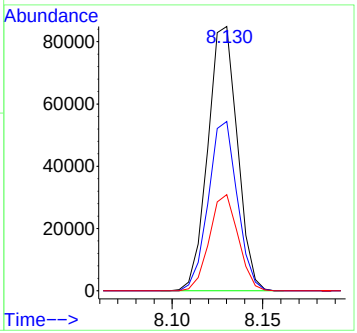


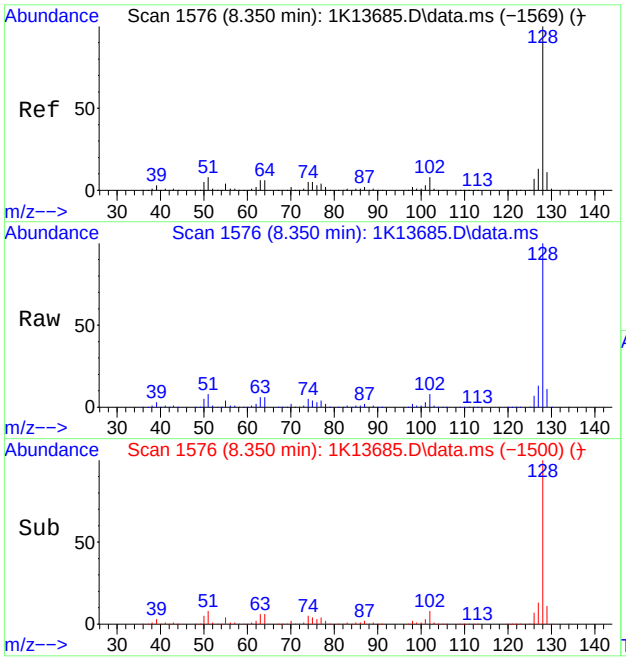


#118
hexachlorobutadiene
Concen: 50.00 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:225 Resp: 96260

Ion	Ratio	Lower	Upper
225	100		
227	64.0	34.0	94.0
260	36.4	6.4	66.4

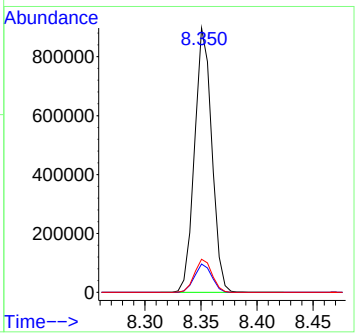




#119
naphthalene
Concen: 50.00 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:128 Resp: 960770

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.7
127	12.5	0.0	42.5



7.6.21

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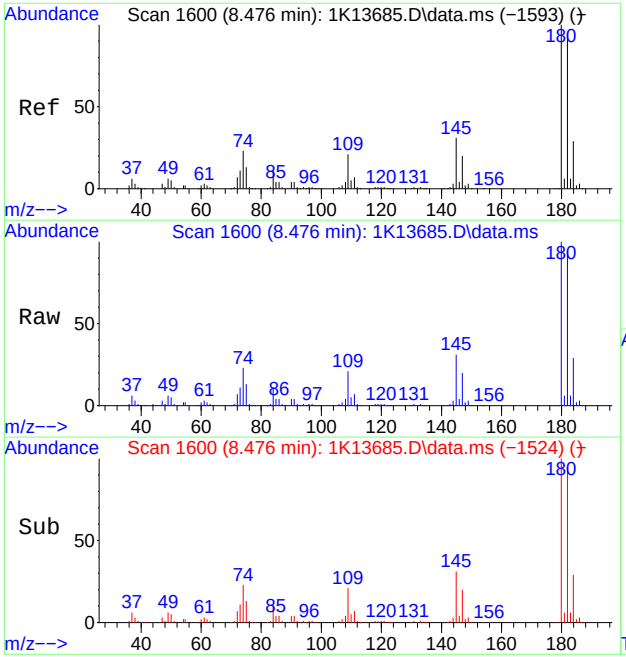
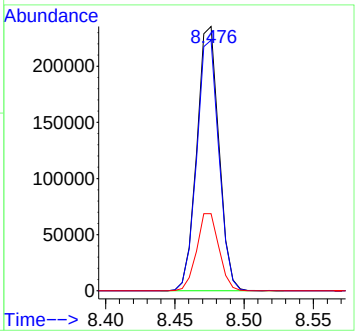
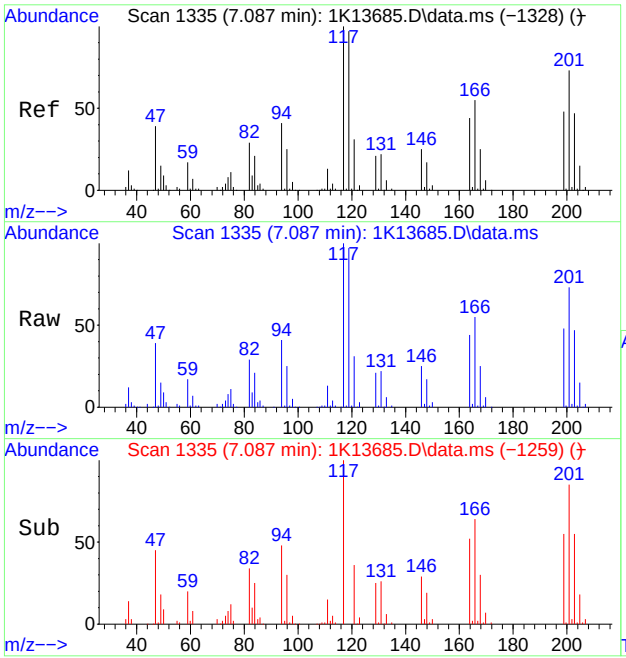


#120
1,2,3-trichlorobenzene
Concen: 50.00 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:180 Resp: 260845

Ion	Ratio	Lower	Upper
180	100		
182	94.7	64.7	124.7
184	29.2	0.0	59.2

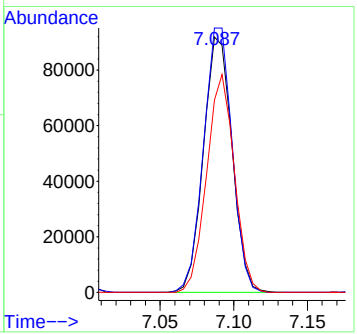


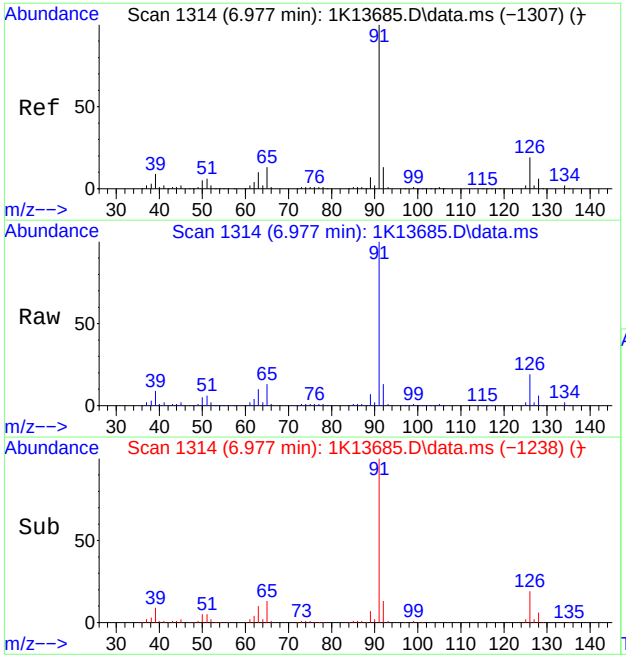


#121
hexachloroethane
Concen: 50.00 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:119 Resp: 123980

Ion	Ratio	Lower	Upper
119	100		
117	103.4	73.4	133.4
201	75.3	45.3	105.3

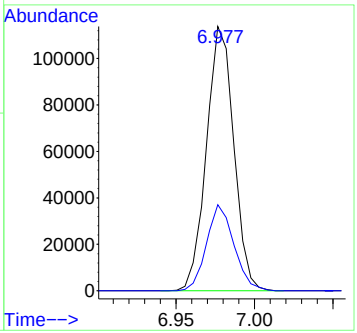


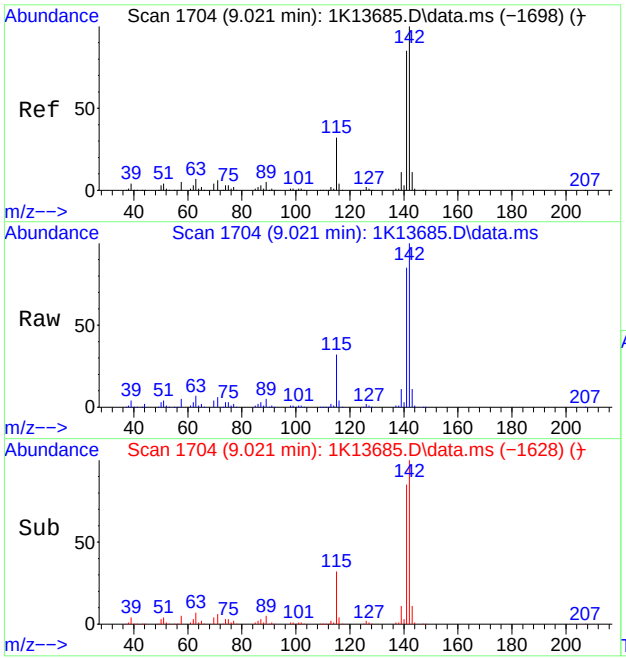


#122
benzyl chloride
Concen: 50.00 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:126 Resp: 137697

Ion	Ratio	Lower	Upper
126	100		
128	32.6	2.6	62.6

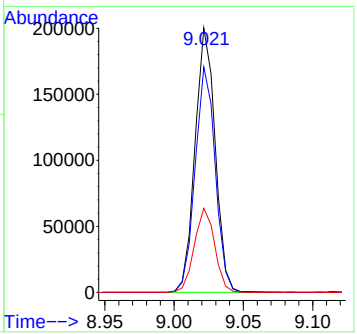




#123
2-methylnaphthalene
Concen: 25.00 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. 0.000 min
Lab File: 1K13685.D
Acq: 2 Dec 2023 5:32 pm

Tgt Ion:142 Resp: 202340

Ion	Ratio	Lower	Upper
142	100		
141	85.2	55.2	115.2
115	31.8	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13687.D
Acq On : 2 Dec 2023 6:05 pm
Operator : PrashanS
Sample : IC376-100
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 04 15:51:05 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.064	65	579906	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	498595	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	954842	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	786146	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	392485	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	498595	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	392485	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.766	113	256328	51.25	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 102.50%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	305639	49.62	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.24%				
73) toluene-d8 (s)	4.061	98	1084818	50.46	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.92%				
97) 4-bromofluorobenzene (s)	5.928	95	385765	50.00	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.00%				
Target Compounds							Qvalue
2) ethanol	1.686	45	1173810	8514.24	ug/L		99
3) tertiary butyl alcohol	2.095	59	753074	490.05	ug/L		85
4) 1,4-dioxane	3.694	88	283852	2376.60	ug/L		91
6) chlorodifluoromethane	1.115	51	635965	99.35	ug/L		99
7) dichlorodifluoromethane	1.089	85	432579	110.87	ug/L		100
8) chloromethane	1.193	50	471167	109.28	ug/L		97
9) vinyl chloride	1.225	62	544892	110.73	ug/L		98
10) 1,3-butadiene	1.230	39	498498	94.73	ug/L		99
11) bromomethane	1.372	96	110872	132.79	ug/L	#	96
12) chloroethane	1.424	64	207203	71.41	ug/L		98
13) trichlorofluoromethane	1.482	101	500834	85.79	ug/L		98
14) ethyl ether	1.613	74	223958	91.21	ug/L		97
15) acrolein	1.859	56	128112	111.85	ug/L		98
16) freon 113	1.718	151	316844	102.72	ug/L		97
17) 1,1-dichloroethene	1.713	61	653040	108.30	ug/L		100
18) acetone	1.980	58	410623	424.83	ug/L		97
19) acetonitrile	2.195	41	791002	907.84	ug/L		99
20) iodomethane	1.791	142	332703	168.15	ug/L		99
21) carbon disulfide	1.744	76	1181955	102.61	ug/L		98
22) methylene chloride	1.969	84	451977	103.68	ug/L		95
23) methyl acetate	2.022	74	124100	116.43	ug/L		100
24) methyl tert butyl ether	2.074	73	1415323	112.59	ug/L		88
25) trans-1,2-dichloroethene	2.038	96	425227	104.50	ug/L		99
26) hexane	2.064	57	1171918	109.63	ug/L		94
27) di-isopropyl ether	2.232	45	1598511	119.28	ug/L		99
28) ethyl tert-butyl ether	2.399	59	1671595	119.15	ug/L		99
29) 2-butanone	2.819	72	477899	464.72	ug/L		99
30) 1,1-dichloroethane	2.310	63	898563	113.40	ug/L		100
31) chloroprene	2.300	53	876963	117.59	ug/L		100
32) acrylonitrile	2.331	52	242220	112.86	ug/L		97
33) vinyl acetate	2.405	86	115218	119.10	ug/L	#	89
34) ethyl acetate	2.714	70	78468	119.34	ug/L		96
35) 2,2-dichloropropane	2.614	77	690601	106.99	ug/L		98
36) cis-1,2-dichloroethene	2.557	96	475823	104.26	ug/L		98
37) propionitrile	2.976	54	1463823	1122.47	ug/L		98
38) methyl acrylate	2.730	85	125705	111.98	ug/L	#	93
39) bromochloromethane	2.656	128	216658	107.64	ug/L		98
40) tetrahydrofuran	2.761	71	101661	105.60	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13687.D
Acq On : 2 Dec 2023 6:05 pm
Operator : PrashanS
Sample : IC376-100
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 04 15:51:05 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	265009	101.57	ug/L		97
43) methacrylonitrile	2.987	67	285118	102.68	ug/L		82
44) 1,1,1-trichloroethane	2.793	97	731672	112.19	ug/L		99
45) cyclohexane	2.667	84	806136	111.64	ug/L		93
46) 1,1-dichloropropene	2.850	75	676500	115.49	ug/L		99
47) carbon tetrachloride	2.766	117	610383	106.30	ug/L		98
48) isobutyl alcohol	3.013	43	1009093	1115.88	ug/L		89
49) tert-amyl alcohol	3.091	55	274243	626.33	ug/L		95
52) iso-octane	2.897	57	1538639	107.83	ug/L		99
53) benzene	2.976	78	1930360	103.27	ug/L		98
54) tert-amyl methyl ether	3.013	73	1535453	108.78	ug/L		99
55) heptane	2.939	57	279073	105.74	ug/L		98
56) isopropyl acetate	3.165	87	157588	120.75	ug/L	#	89
57) 1,2-dichloroethane	3.076	62	665180	98.36	ug/L		99
58) n-butyl alcohol	3.406	56	2140331	6025.04	ug/L		99
59) ethyl acrylate	3.537	55	946212	116.33	ug/L		100
60) trichloroethene	3.275	130	497687	106.08	ug/L		100
61) 2-nitropropane	4.224	41	262015	111.76	ug/L		99
62) 2-chloroethyl vinyl ether	3.899	63	1473228	692.11	ug/L		98
63) methyl methacrylate	3.652	100	171742	117.89	ug/L		94
64) 1,2-dichloropropane	3.558	63	519412	109.15	ug/L		100
65) methylcyclohexane	3.275	98	391095	108.83	ug/L	#	93
66) dibromomethane	3.500	93	285989	104.31	ug/L		97
67) bromodichloromethane	3.584	83	615962	106.59	ug/L		98
68) epichlorohydrin	4.088	57	524274	546.07	ug/L		99
69) cis-1,3-dichloropropene	3.946	75	824218	114.26	ug/L		98
70) 4-methyl-2-pentanone	4.308	58	1217406	458.03	ug/L		97
71) 3-methyl-1-butanol	4.166	70	704031	2468.09	ug/L		97
74) toluene	4.093	92	1165699	103.73	ug/L		98
75) ethyl methacrylate	4.428	69	701810	112.67	ug/L		96
76) trans-1,3-dichloropropene	4.339	75	767534	114.46	ug/L		99
77) 1,1,2-trichloroethane	4.444	83	359068	110.69	ug/L		97
78) tetrachloroethene	4.339	166	473101	103.91	ug/L		96
79) 2-hexanone	4.848	58	1356485	452.59	ug/L		96
80) 1,3-dichloropropane	4.622	76	783431	109.57	ug/L		98
81) butyl acetate	4.785	56	455460	112.43	ug/L		100
82) dibromochloromethane	4.565	129	465788	120.23	ug/L		99
83) 1,2-dibromoethane	4.722	107	457259	111.57	ug/L		99
84) n-butyl ether	4.995	57	2423702	114.13	ug/L		99
85) chlorobenzene	5.073	112	1241335	104.27	ug/L		100
86) 1,1,1,2-tetrachloroethane	5.115	131	457855	120.99	ug/L		99
87) ethylbenzene	5.084	91	2277185	100.96	ug/L		100
88) m,p-xylene	5.189	106	1744414	209.02	ug/L		98
89) o-xylene	5.493	106	859238	109.21	ug/L		97
90) styrene	5.529	104	1419836	109.94	ug/L		99
91) bromoform	5.550	173	343258	129.16	ug/L		96
92) butyl acrylate	5.613	55	1251440	117.72	ug/L		99
93) isopropylbenzene	5.718	105	2041331	108.85	ug/L		99
94) n-amyl acetate	5.807	70	442815	115.37	ug/L		95
95) cis-1,4-dichloro-2-butene	5.970	88	292915	133.33	ug/L		97
98) bromobenzene	6.007	156	523774	104.38	ug/L		97
99) 1,1,2,2-tetrachloroethane	6.075	83	648171	115.60	ug/L		99
100) trans-1,4-dichloro-2-b...	6.206	53	263626	116.36	ug/L		98
101) 1,2,3-trichloropropane	6.180	110	209699	111.60	ug/L		98
102) n-propylbenzene	6.028	91	2566182	106.84	ug/L		100
103) 2-chlorotoluene	6.143	126	499382	106.73	ug/L		96
104) 4-chlorotoluene	6.269	91	1615212	106.03	ug/L		98
105) 1,3,5-trimethylbenzene	6.180	105	1779046	108.48	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13687.D
Acq On : 2 Dec 2023 6:05 pm
Operator : PrashanS
Sample : IC376-100
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 04 15:51:05 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

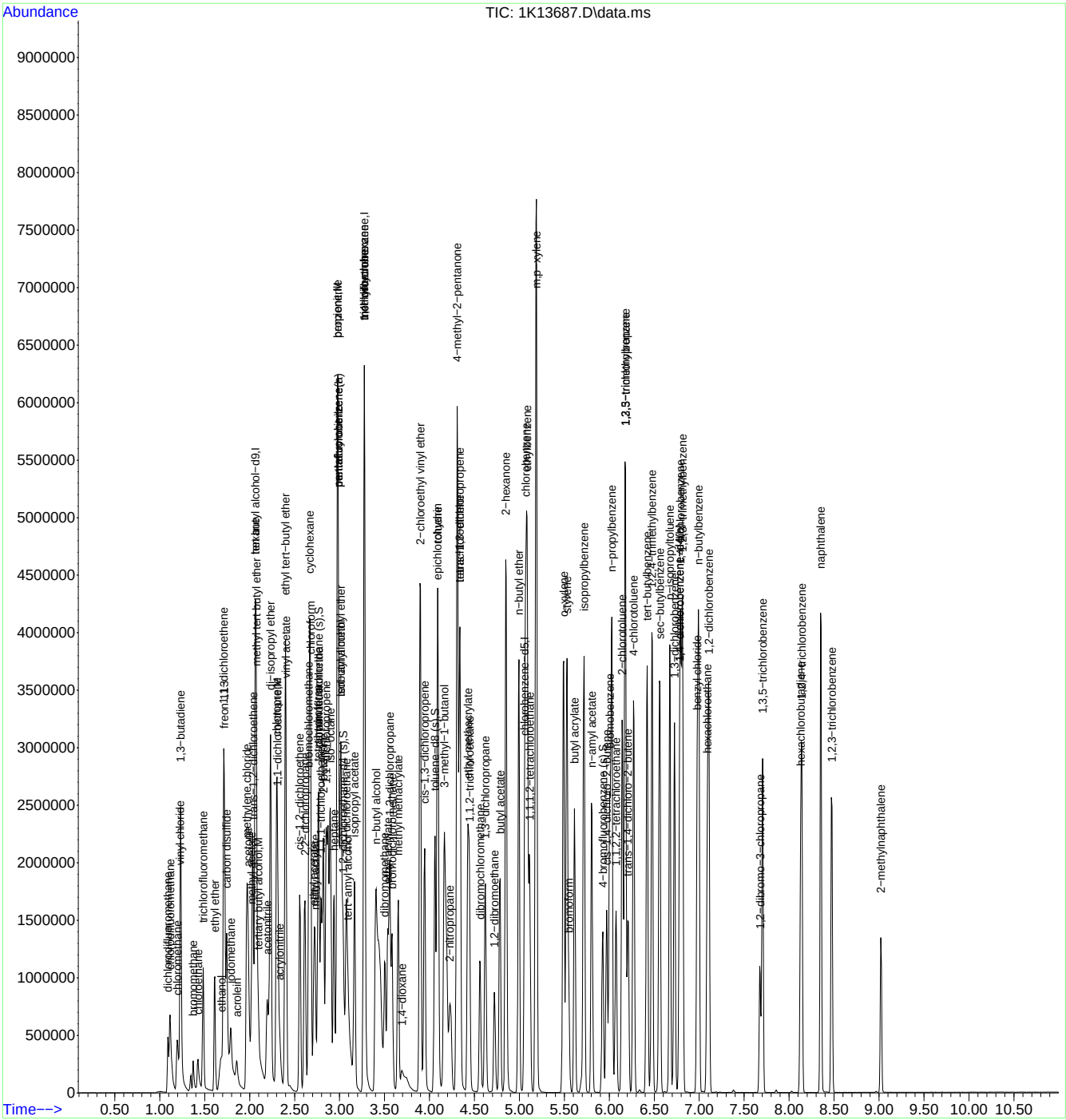
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	1488138	108.25	ug/L	99
107) 1,2,4-trimethylbenzene	6.473	105	1867089	109.99	ug/L	100
108) sec-butylbenzene	6.562	105	2119096	109.56	ug/L	98
109) 1,3-dichlorobenzene	6.725	146	1024257	105.39	ug/L	99
110) p-isopropyltoluene	6.672	119	1820794	111.50	ug/L	100
111) 1,4-dichlorobenzene	6.793	146	1021261	103.69	ug/L	98
112) 1,2-dichlorobenzene	7.108	146	977234	106.00	ug/L	100
113) 1,2,3-trimethylbenzene	6.814	105	1876613	106.87	ug/L	98
114) n-butylbenzene	6.992	92	973108	111.67	ug/L	96
115) 1,2-dibromo-3-chloropr...	7.679	157	220438	120.31	ug/L	100
116) 1,3,5-trichlorobenzene	7.705	180	649439	106.46	ug/L	99
117) 1,2,4-trichlorobenzene	8.140	180	589279	106.96	ug/L	96
118) hexachlorobutadiene	8.130	225	198834	102.33	ug/L	98
119) naphthalene	8.350	128	2091777	109.58	ug/L	100
120) 1,2,3-trichlorobenzene	8.476	180	564422	110.25	ug/L	99
121) hexachloroethane	7.092	119	288888	132.33	ug/L	94
122) benzyl chloride	6.977	126	299771	120.76	ug/L	98
123) 2-methylnaphthalene	9.021	142	426976	54.39	ug/L	99

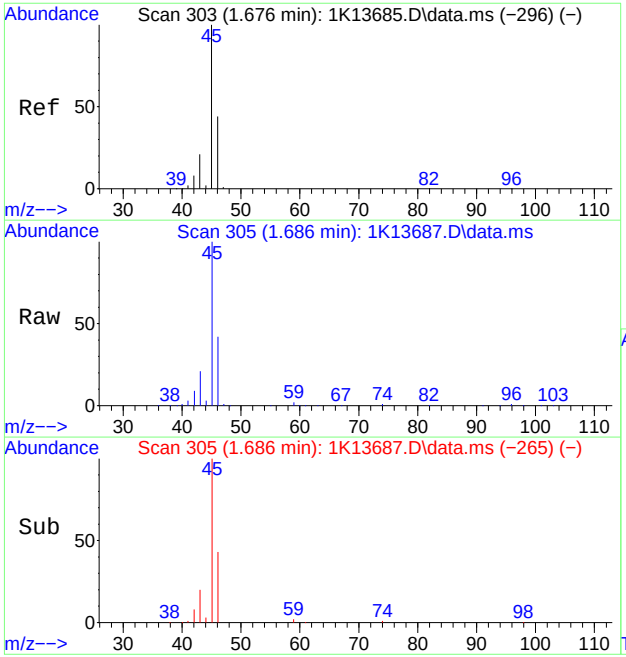
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13687.D
Acq On : 2 Dec 2023 6:05 pm
Operator : PrashanS
Sample : IC376-100
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 04 15:51:05 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

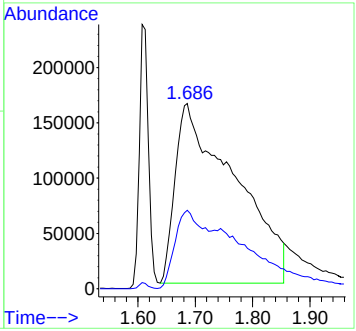


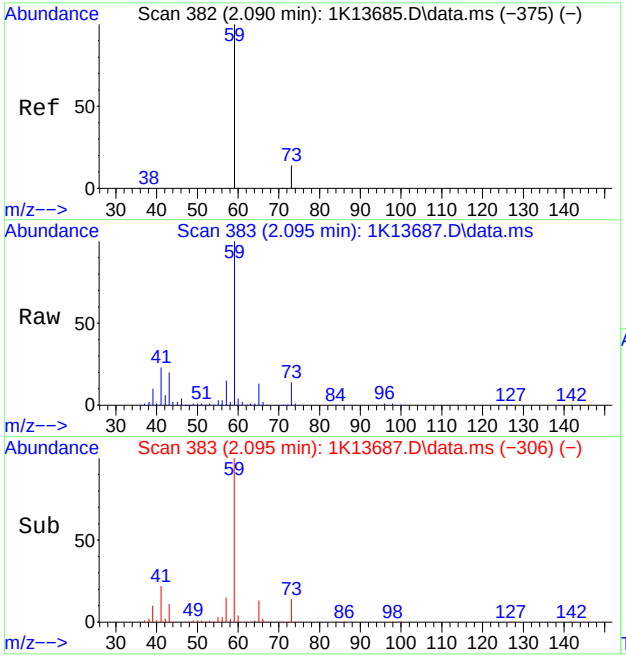


#2
ethanol
Concen: 8514.24 ug/L
RT: 1.686 min Scan# 305
Delta R.T. 0.010 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 45 Resp: 1173810

Ion	Ratio	Lower	Upper
45	100		
46	43.3	23.9	63.9

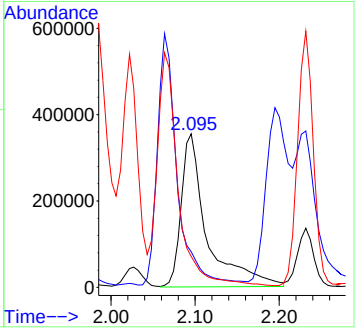


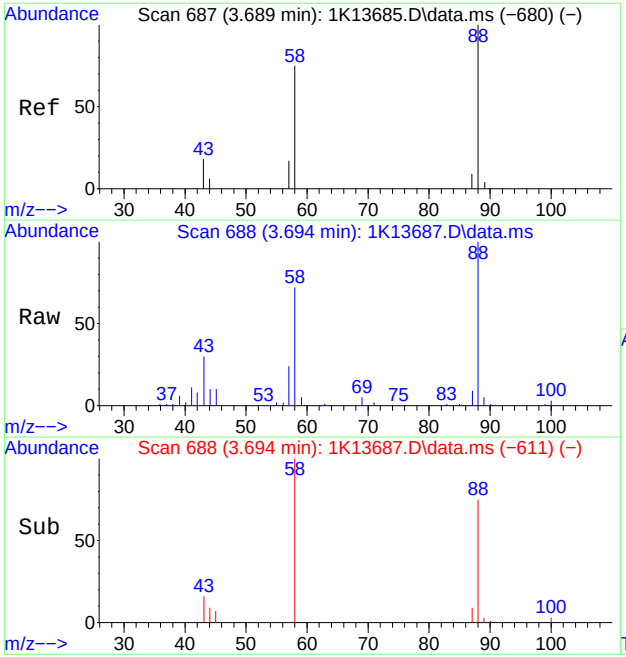


#3
tertiary butyl alcohol
Concen: 490.05 ug/L
RT: 2.095 min Scan# 383
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 59 Resp: 753074

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	17.5	0.0	54.8

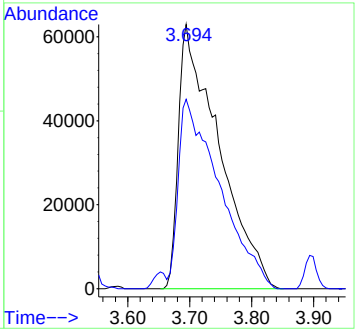


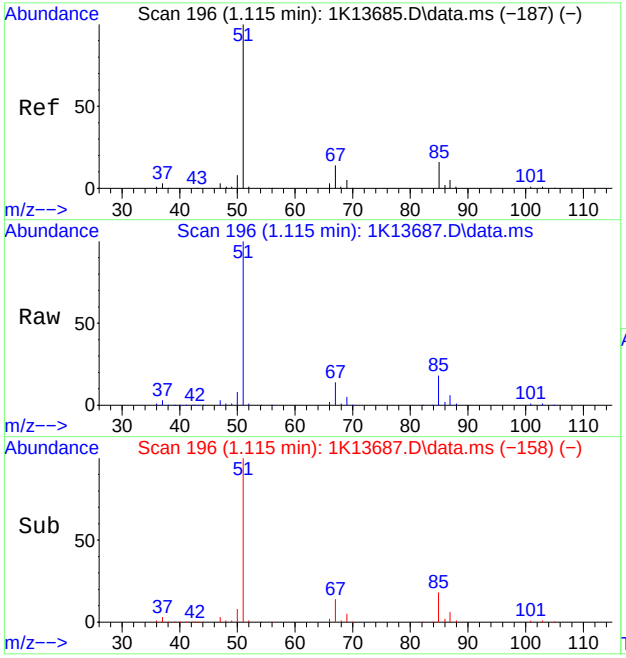


#4
1,4-dioxane
Concen: 2376.60 ug/L
RT: 3.694 min Scan# 688
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 88 Resp: 283852

Ion	Ratio	Lower	Upper
88	100		
58	71.6	59.5	99.5

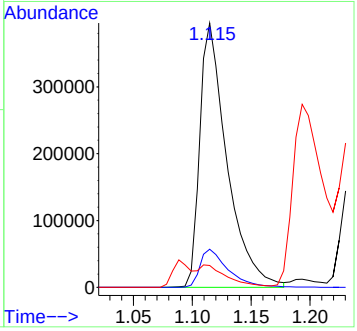


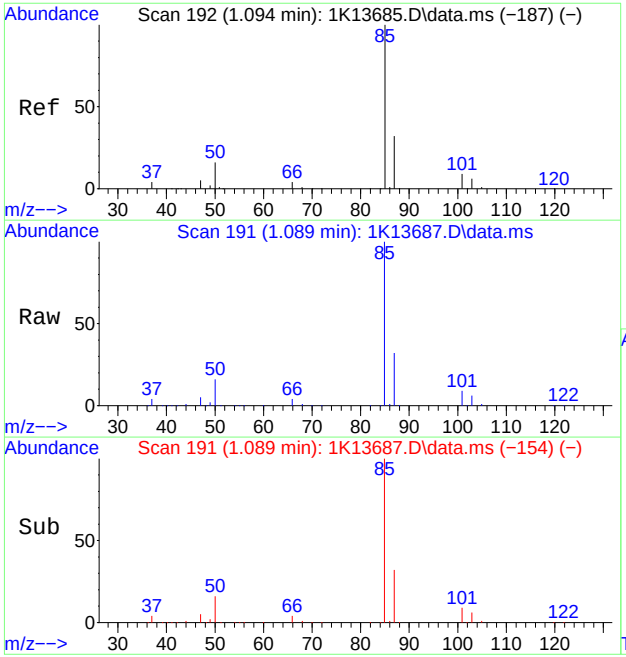


#6
chlorodifluoromethane
Concen: 99.35 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 51 Resp: 635965

Ion	Ratio	Lower	Upper
51	100		
67	14.4	0.0	44.3
50	8.2	0.0	37.7

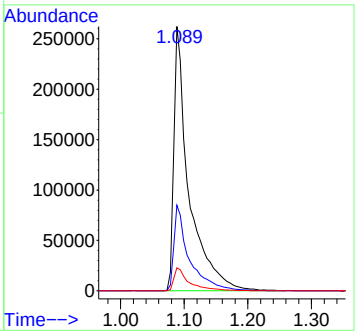


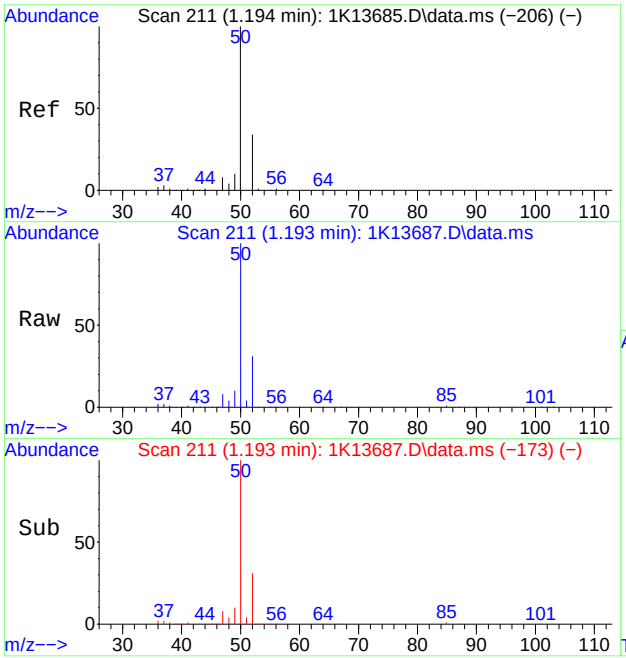


#7
dichlorodifluoromethane
Concen: 110.87 ug/L
RT: 1.089 min Scan# 191
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 85 Resp: 432579

Ion	Ratio	Lower	Upper
85	100		
87	32.3	2.2	62.2
101	8.7	0.0	39.0

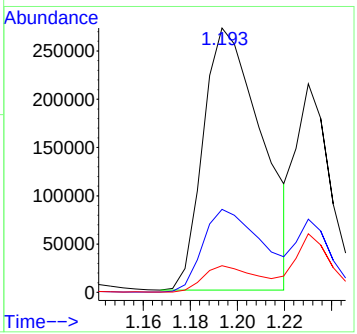


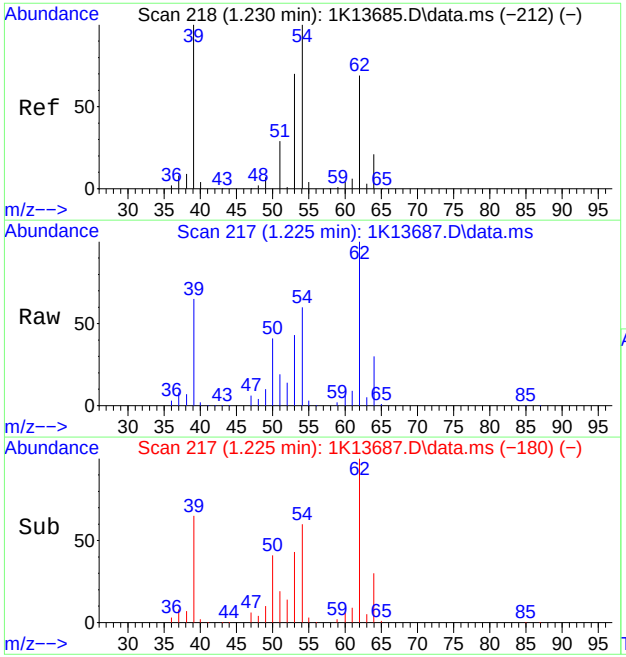


#8
chloromethane
Concen: 109.28 ug/L
RT: 1.193 min Scan# 211
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 50 Resp: 471167

Ion	Ratio	Lower	Upper
50	100		
52	31.5	3.6	63.6
49	10.1	0.0	40.4

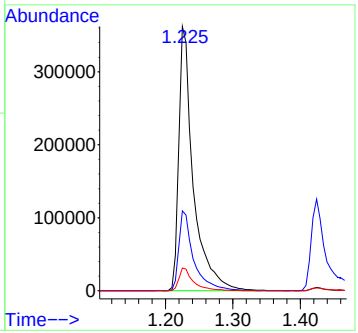


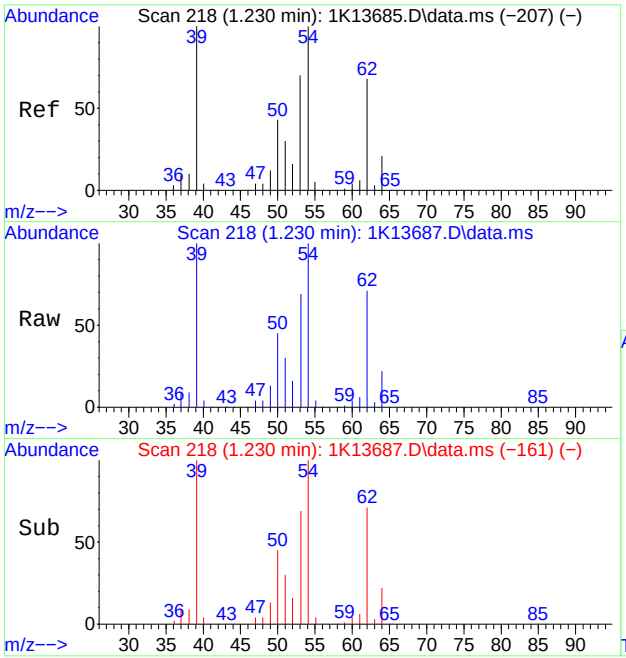


#9
vinyl chloride
Concen: 110.73 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 62 Resp: 544892

Ion	Ratio	Lower	Upper
62	100		
64	30.2	1.3	61.3
61	8.6	0.0	39.1

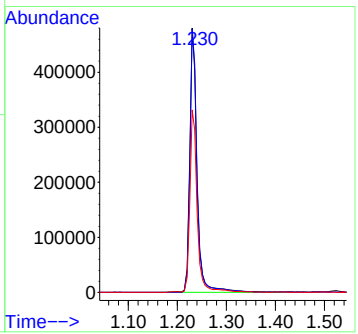


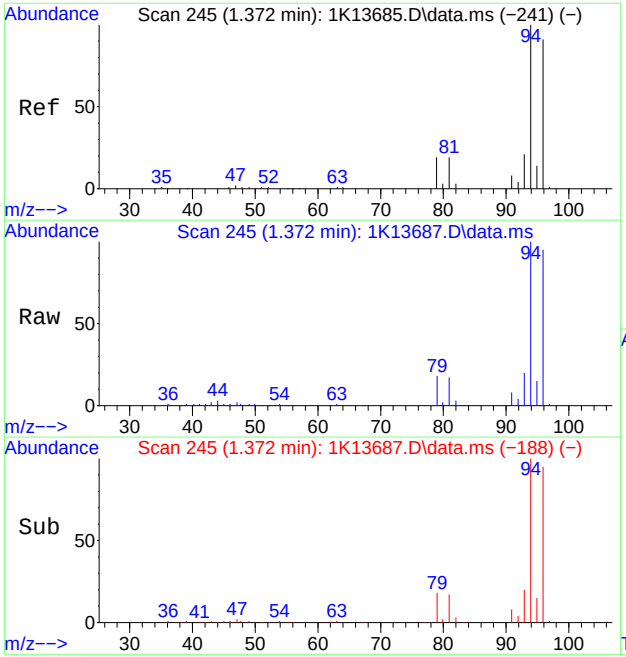


#10
1,3-butadiene
Concen: 94.73 ug/L
RT: 1.230 min Scan# 218
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 39 Resp: 498498

Ion	Ratio	Lower	Upper
39	100		
54	99.7	69.8	129.8
53	69.0	40.1	100.1

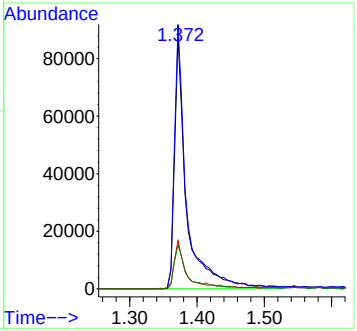


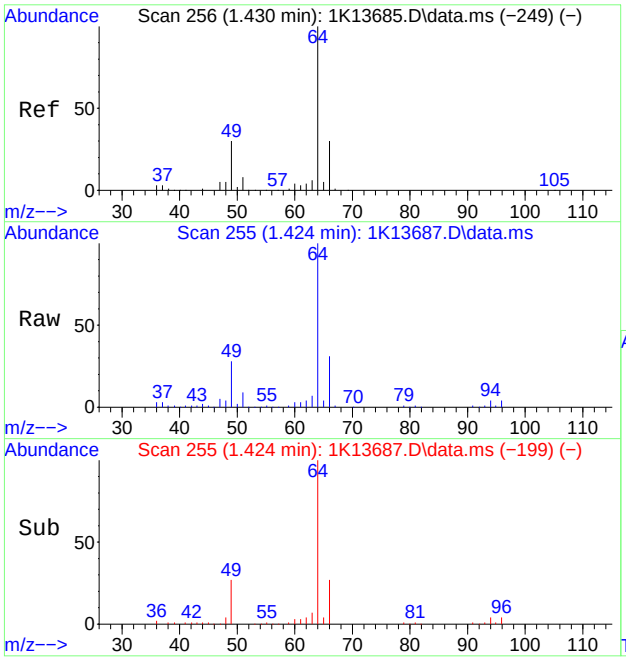


#11
bromomethane
Concen: 132.79 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 96 Resp: 110872

Ion	Ratio	Lower	Upper
96	100		
94	105.0	79.4	139.4
79	18.9	20.3	20.3#
81	17.4	0.9	40.9

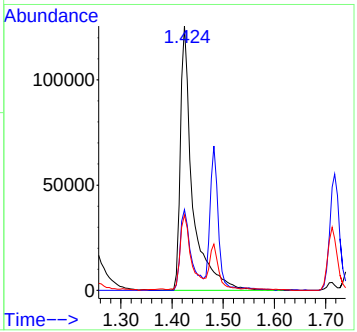


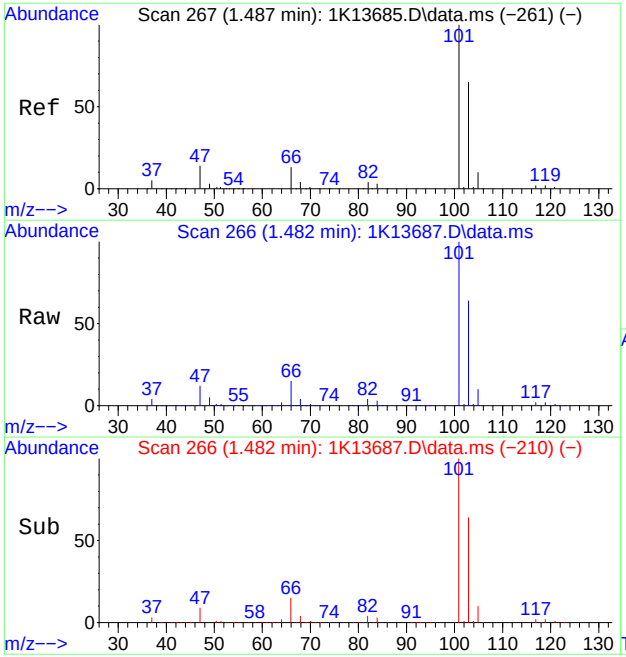


#12
chloroethane
Concen: 71.41 ug/L
RT: 1.424 min Scan# 255
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 64 Resp: 207203

Ion	Ratio	Lower	Upper
64	100		
66	30.5	0.2	60.2
49	28.2	0.3	60.3

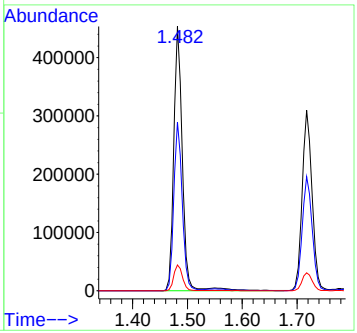


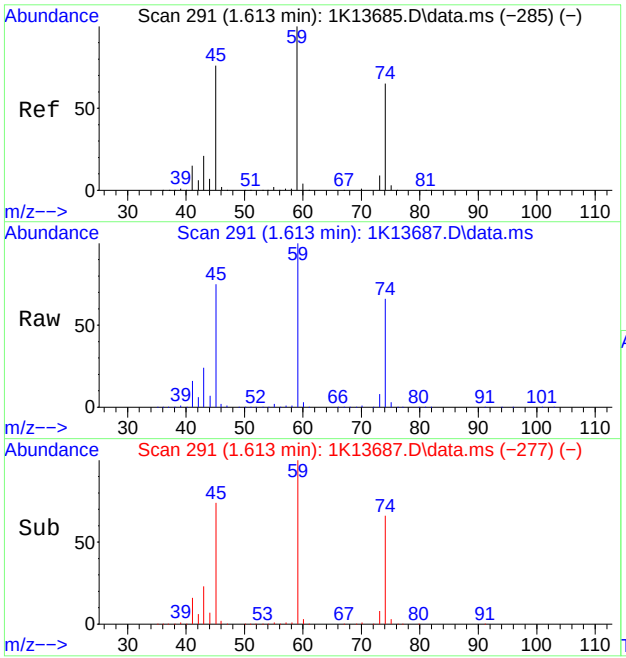


#13
trichlorofluoromethane
Concen: 85.79 ug/L
RT: 1.482 min Scan# 266
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:101 Resp: 500834

Ion	Ratio	Lower	Upper
101	100		
103	63.9	35.0	95.0
105	9.8	0.0	40.5

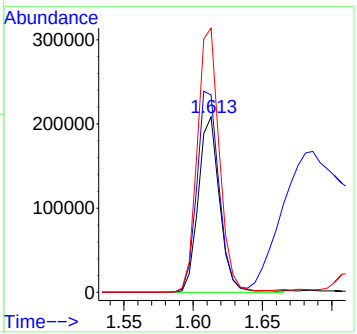


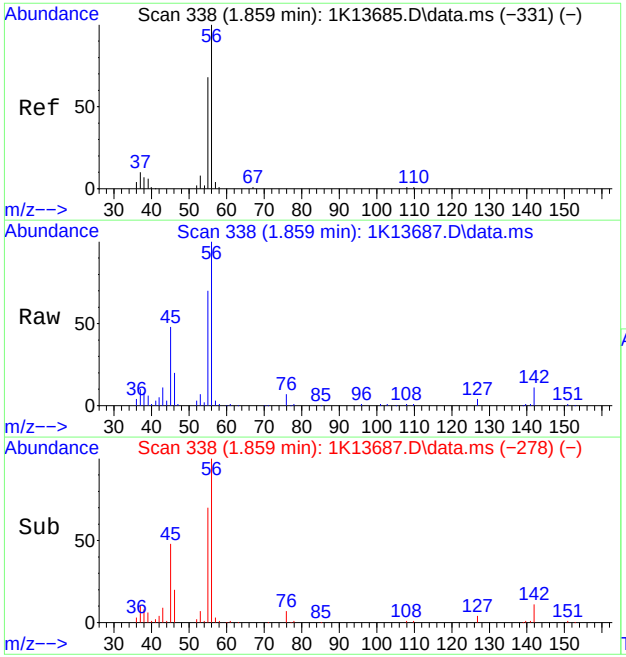


#14
ethyl ether
Concen: 91.21 ug/L
RT: 1.613 min Scan# 291
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 74 Resp: 223958

Ion	Ratio	Lower	Upper
74	100		
45	112.4	87.4	147.4
59	150.8	124.0	184.0

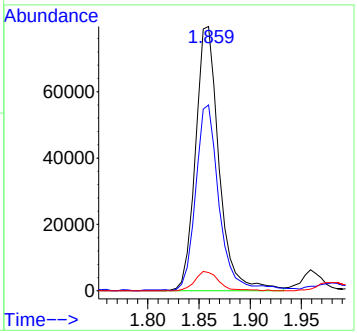


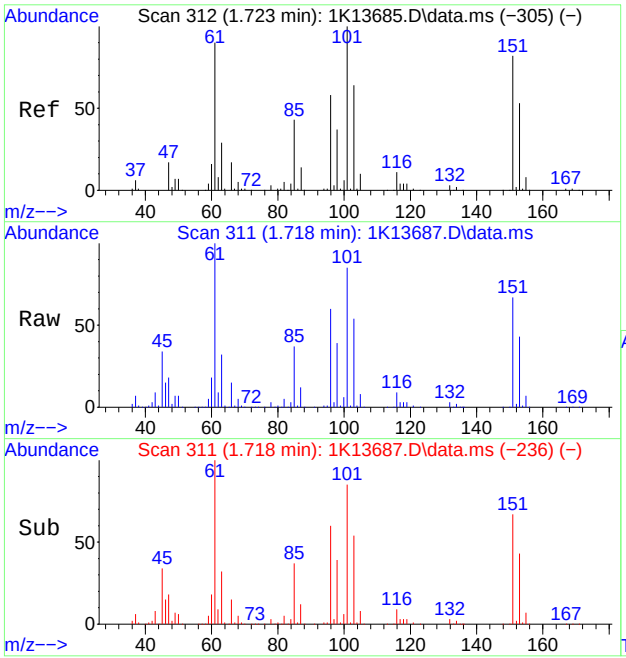


#15
acrolein
Concen: 111.85 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 56 Resp: 128112

Ion	Ratio	Lower	Upper
56	100		
55	69.9	38.3	98.3
53	6.9	0.0	38.3

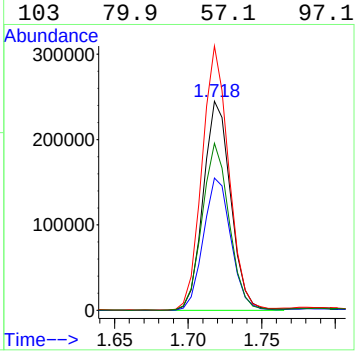


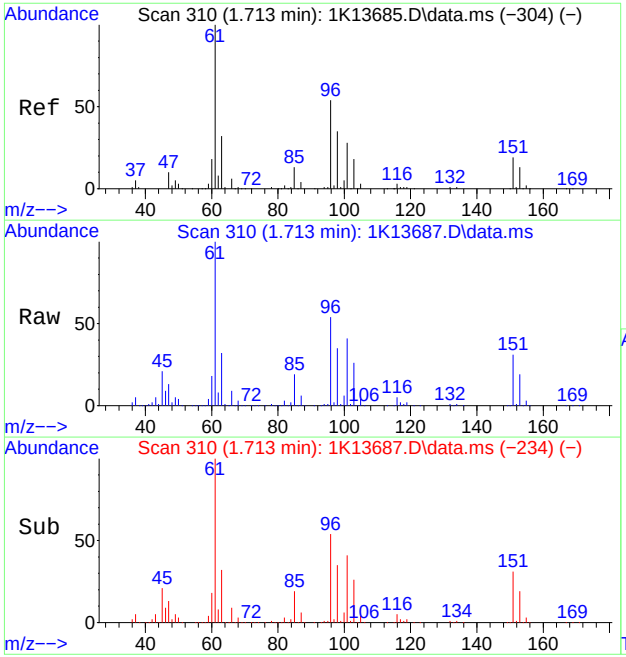


#16
freon 113
Concen: 102.72 ug/L
RT: 1.718 min Scan# 311
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:151 Resp: 316844

Ion	Ratio	Lower	Upper
151	100		
153	63.4	44.1	84.1
101	126.3	101.5	141.5
103	79.9	57.1	97.1

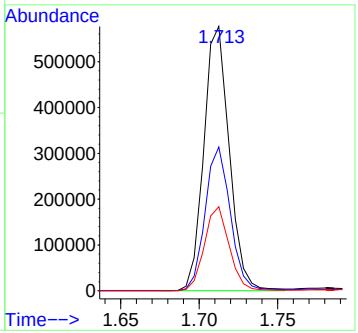


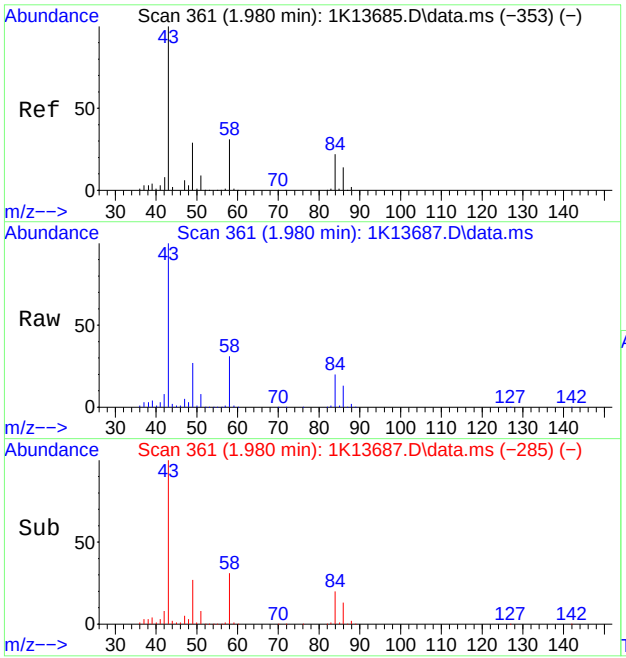


#17
1,1-dichloroethene
Concen: 108.30 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 61 Resp: 653040

Ion	Ratio	Lower	Upper
61	100		
96	54.3	24.4	84.4
63	31.8	2.1	62.1

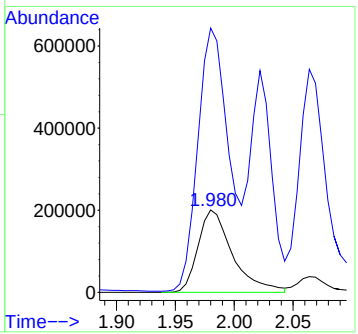


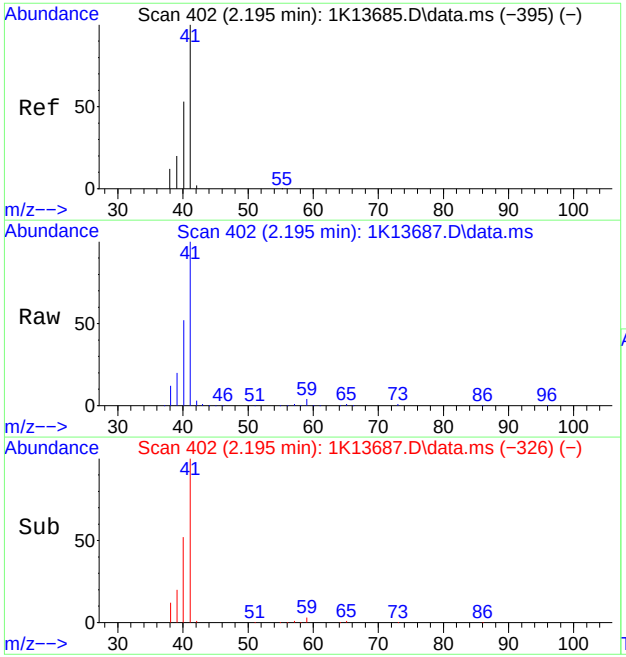


#18
acetone
Concen: 424.83 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 58 Resp: 410623

Ion	Ratio	Lower	Upper
58	100		
43	319.4	295.2	355.2

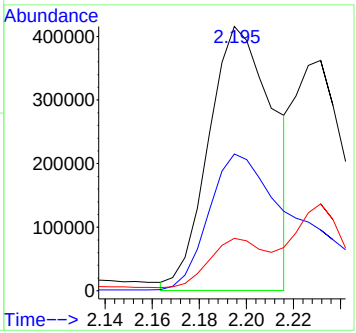


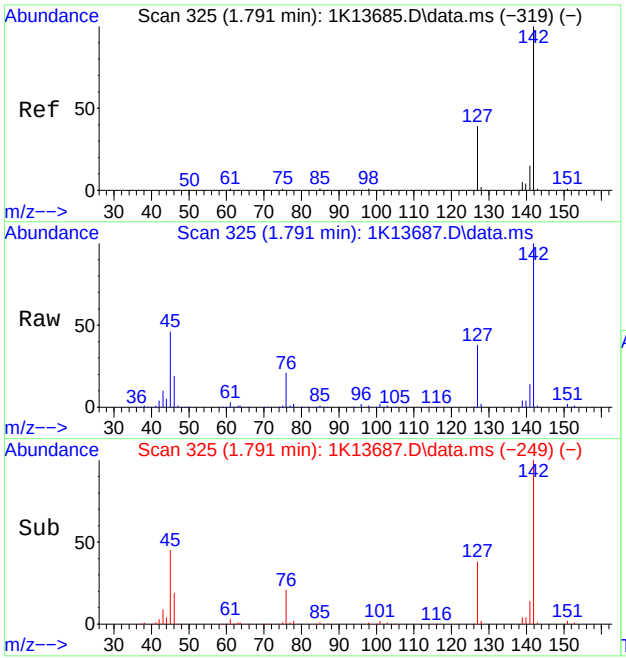


#19
acetonitrile
Concen: 907.84 ug/L
RT: 2.195 min Scan# 402
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 41 Resp: 791002

Ion	Ratio	Lower	Upper
41	100		
40	52.9	23.4	83.4
39	19.3	0.0	50.4

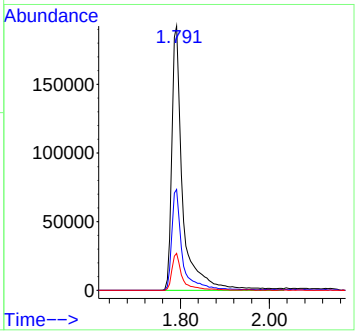


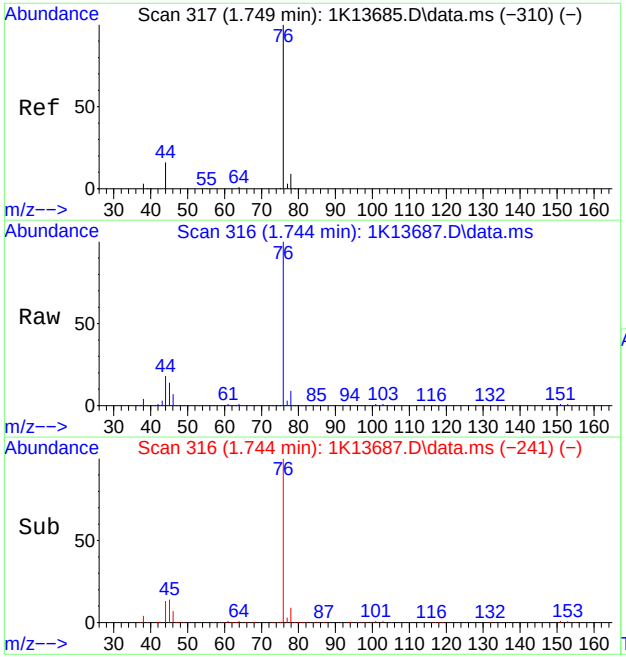


#20
iodomethane
Concen: 168.15 ug/L
RT: 1.791 min Scan# 325
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:142 Resp: 332703

Ion	Ratio	Lower	Upper
142	100		
127	38.2	8.7	68.7
141	14.0	0.0	44.9

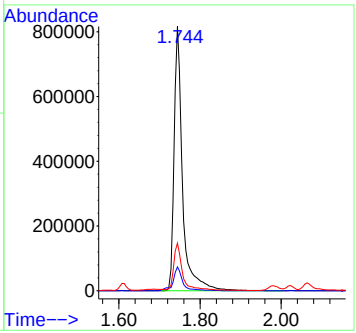


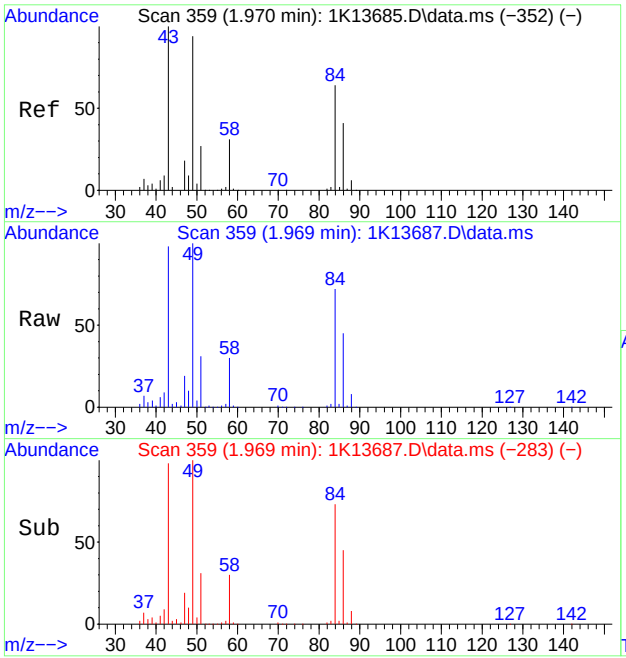


#21
carbon disulfide
Concen: 102.61 ug/L
RT: 1.744 min Scan# 316
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 76 Resp: 1181955

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.2
44	17.4	0.0	46.4

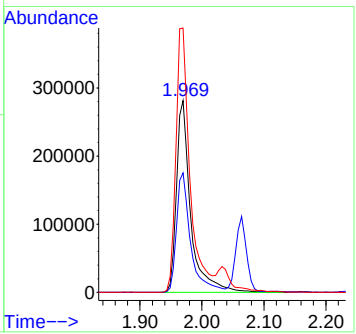


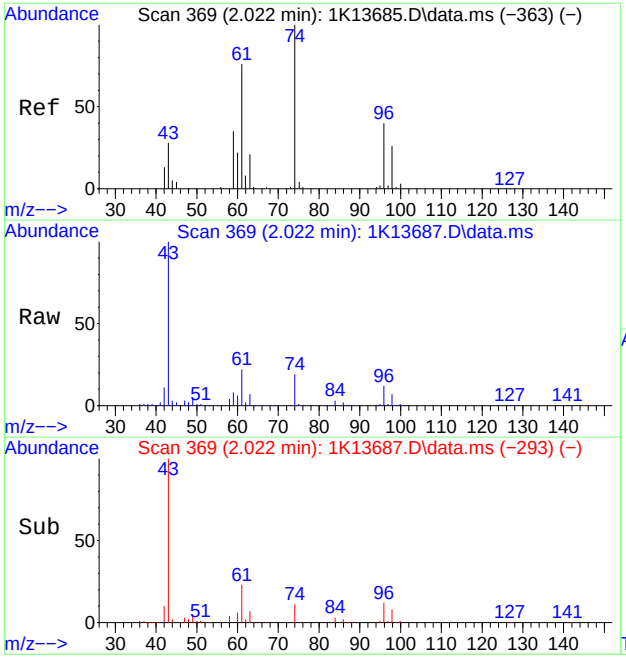


#22
methylene chloride
Concen: 103.68 ug/L
RT: 1.969 min Scan# 359
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 84 Resp: 451977

Ion	Ratio	Lower	Upper
84	100		
86	62.4	33.4	93.4
49	138.0	117.1	177.1

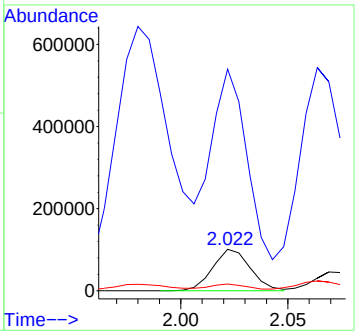


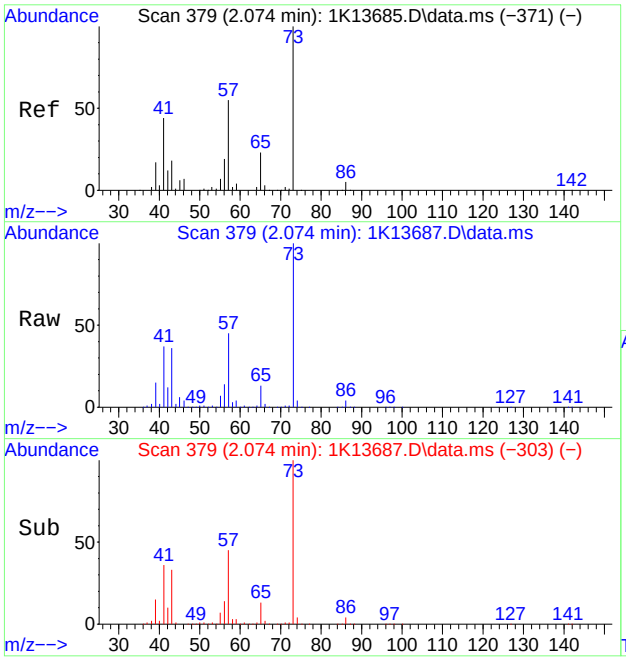


#23
methyl acetate
Concen: 116.43 ug/L
RT: 2.022 min Scan# 369
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 74 Resp: 124100

Ion	Ratio	Lower	Upper
74	100		
43	428.0	397.4	457.4
44	8.9	0.0	35.1

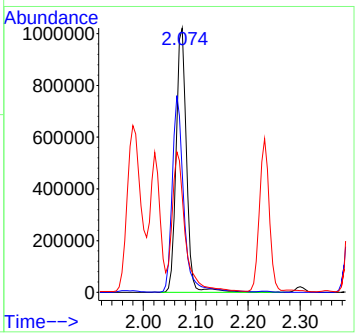


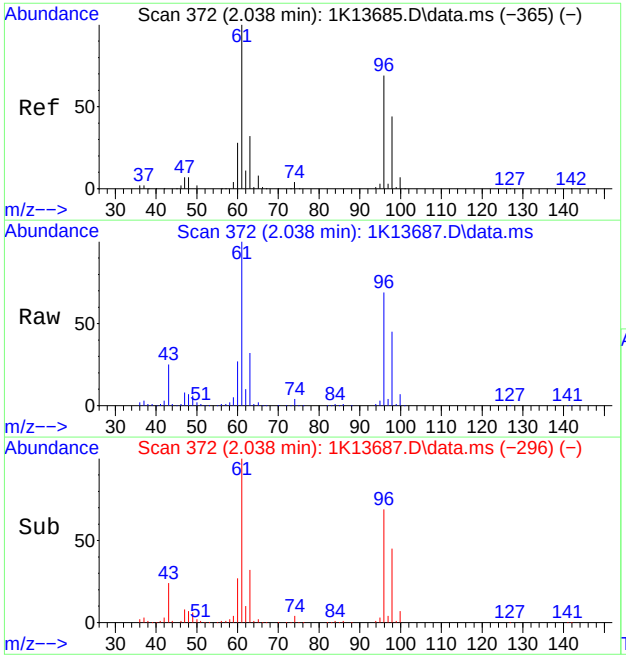


#24
methyl tert butyl ether
Concen: 112.59 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 73 Resp: 1415323

Ion	Ratio	Lower	Upper
73	100		
57	45.3	25.1	85.1
43	35.7	12.1	72.1

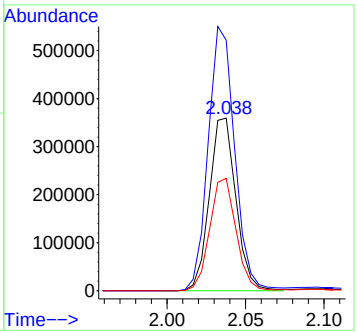


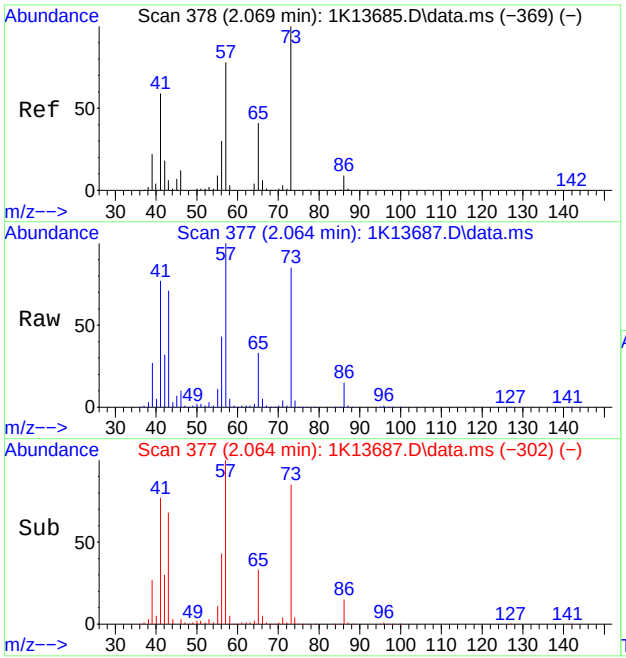


#25
trans-1,2-dichloroethene
Concen: 104.50 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 96 Resp: 425227

Ion	Ratio	Lower	Upper
96	100		
61	145.1	115.9	175.9
98	65.0	34.7	94.7

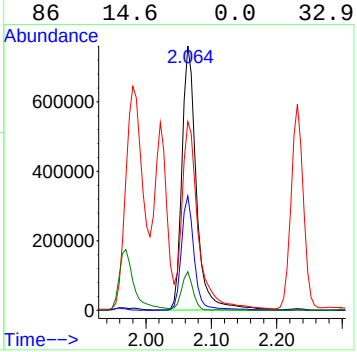


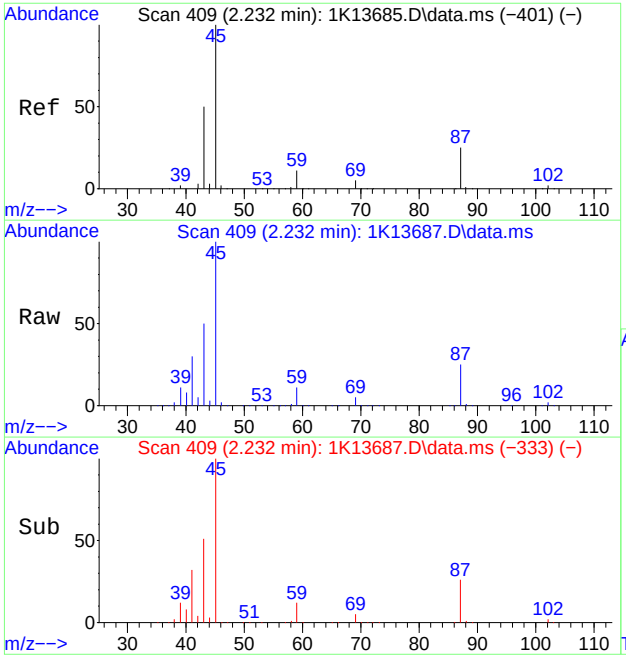


#26
hexane
Concen: 109.63 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 57 Resp: 1171918

Ion	Ratio	Lower	Upper
57	100		
56	43.2	18.5	58.5
43	66.9	50.7	90.7
86	14.6	0.0	32.9

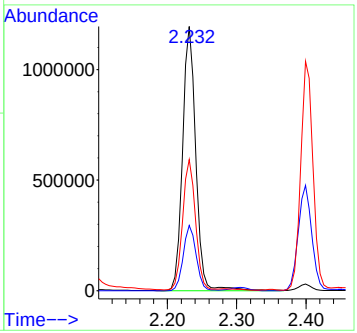


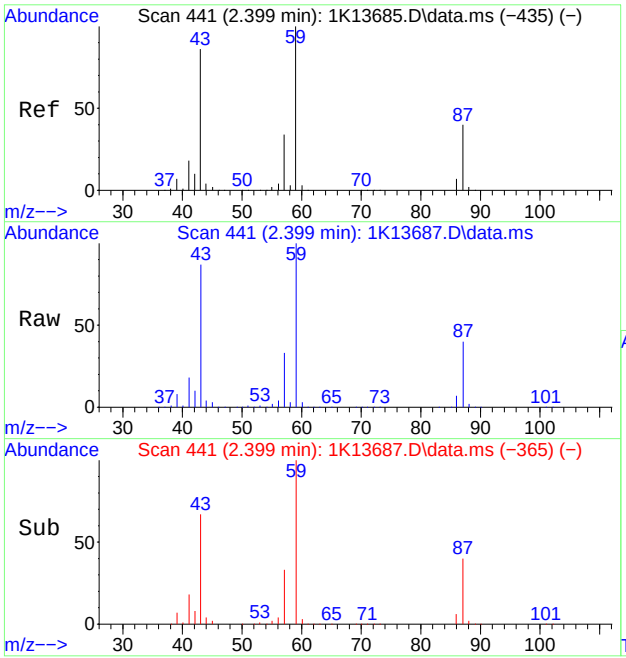


#27
di-isopropyl ether
Concen: 119.28 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 45 Resp: 1598511

Ion	Ratio	Lower	Upper
45	100		
87	24.7	0.0	55.4
43	49.5	19.8	79.8

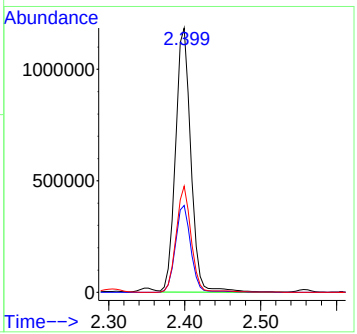


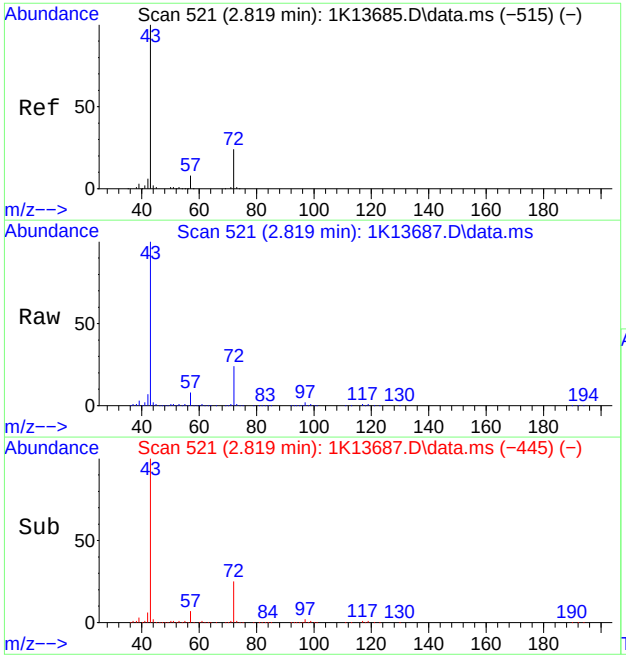


#28
ethyl tert-butyl ether
Concen: 119.15 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 59 Resp: 1671595

Ion	Ratio	Lower	Upper
59	100		
57	32.8	3.4	63.4
87	40.2	9.9	69.9

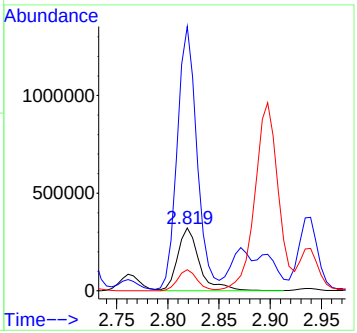


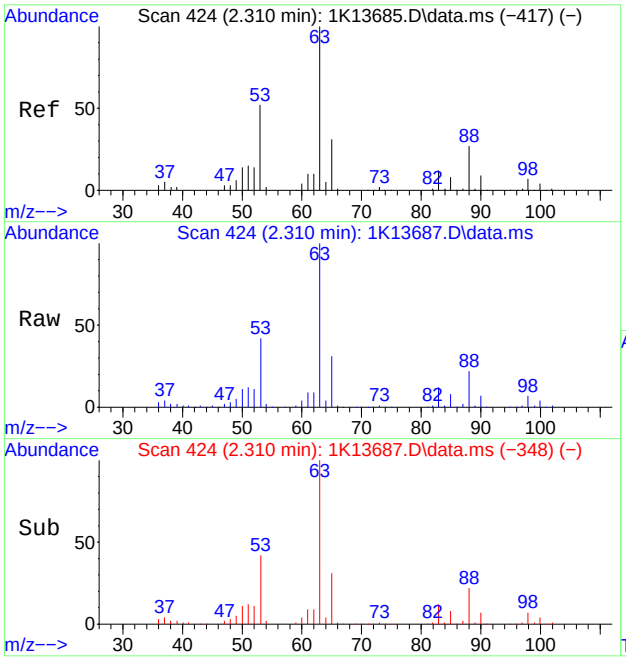


#29
2-butanone
Concen: 464.72 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 72 Resp: 477899

Ion	Ratio	Lower	Upper
72	100		
43	418.2	384.5	444.5
57	33.5	2.9	62.9

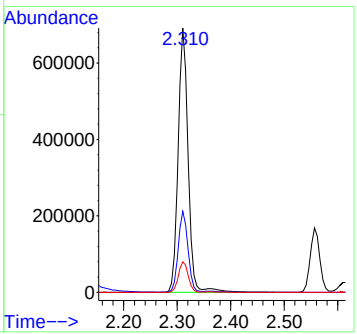


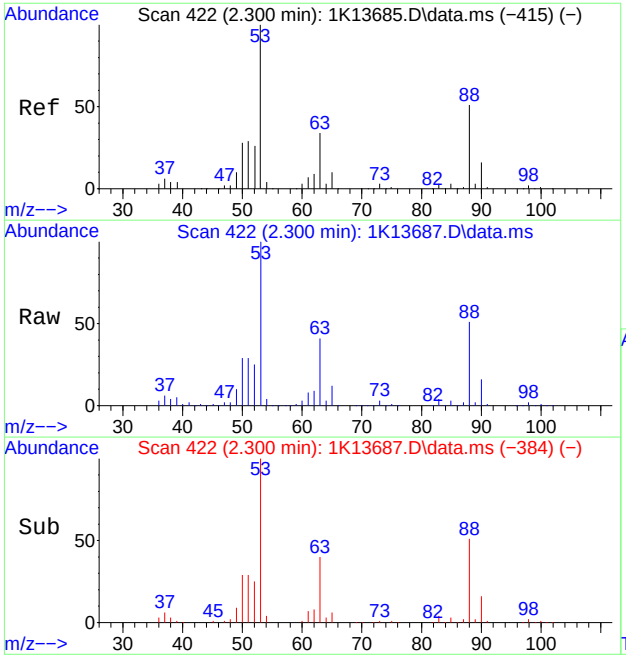


#30
1,1-dichloroethane
Concen: 113.40 ug/L
RT: 2.310 min Scan# 424
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 63 Resp: 898563

Ion	Ratio	Lower	Upper
63	100		
65	30.6	0.6	60.6
83	11.6	0.0	41.8

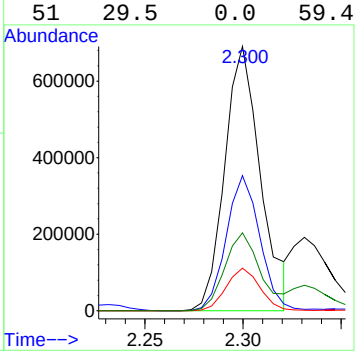


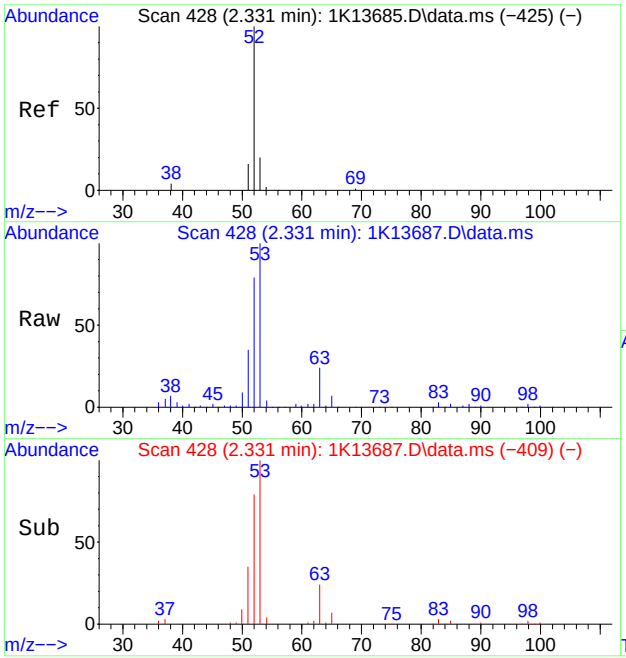


#31
chloroprene
Concen: 117.59 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 53 Resp: 876963

Ion	Ratio	Lower	Upper
53	100		
88	51.1	21.4	81.4
90	16.1	0.0	46.1
51	29.5	0.0	59.4

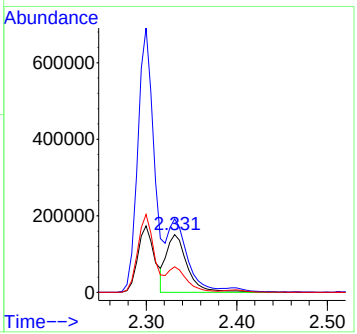


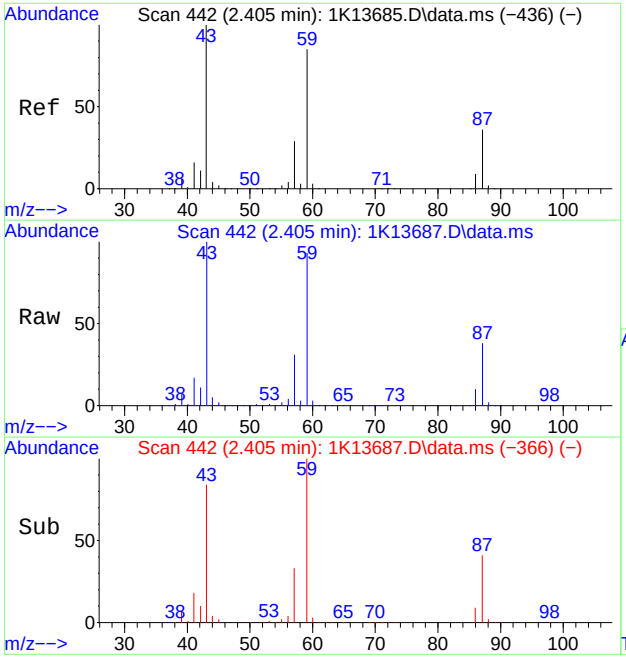


#32
acrylonitrile
Concen: 112.86 ug/L
RT: 2.331 min Scan# 428
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 52 Resp: 242220

Ion	Ratio	Lower	Upper
52	100		
53	126.4	92.8	152.8
51	44.0	13.6	73.6

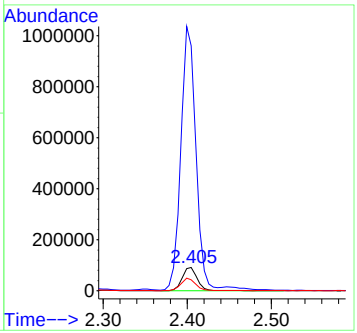


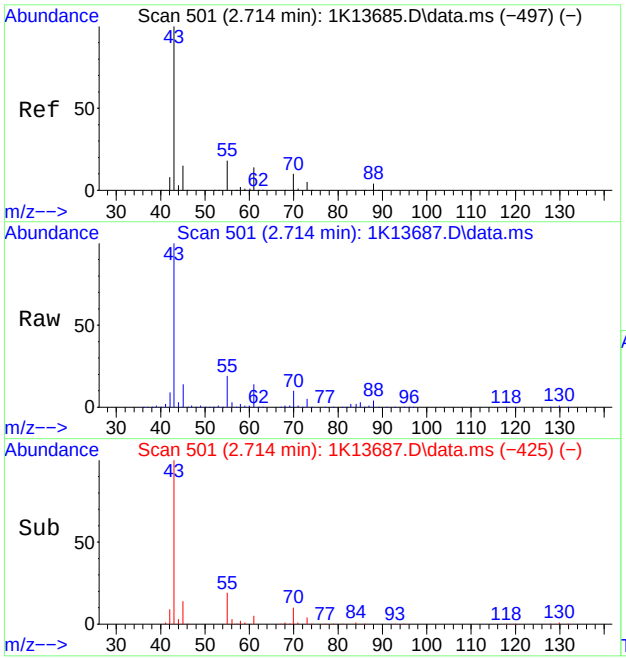


#33
vinyl acetate
Concen: 119.10 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 86 Resp: 115218

Ion	Ratio	Lower	Upper
86	100		
43	1044.7	1068.8	1128.8#
44	46.6	18.0	78.0

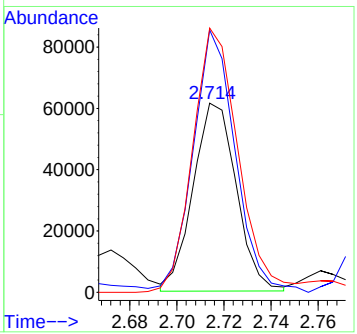


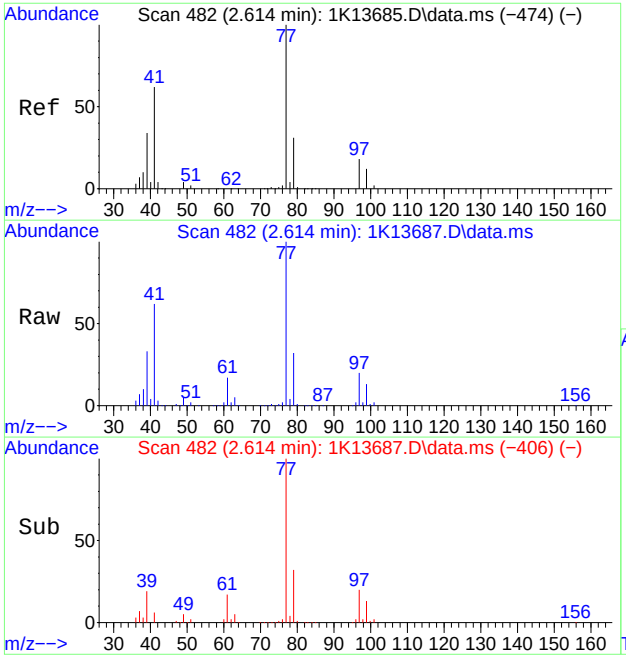


#34
ethyl acetate
Concen: 119.34 ug/L
RT: 2.714 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 70 Resp: 78468

Ion	Ratio	Lower	Upper
70	100		
61	138.9	104.9	164.9
45	141.2	117.8	177.8

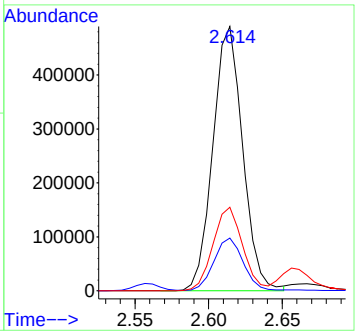


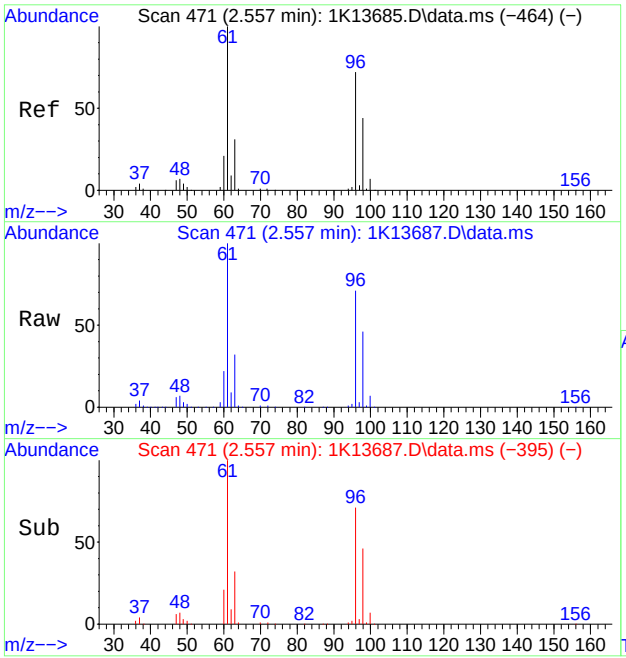


#35
2,2-dichloropropane
Concen: 106.99 ug/L
RT: 2.614 min Scan# 482
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 77 Resp: 690601

Ion	Ratio	Lower	Upper
77	100		
97	19.7	0.0	48.7
79	31.6	0.9	60.9

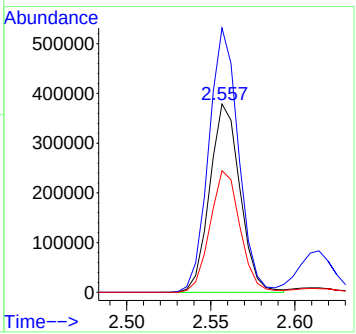


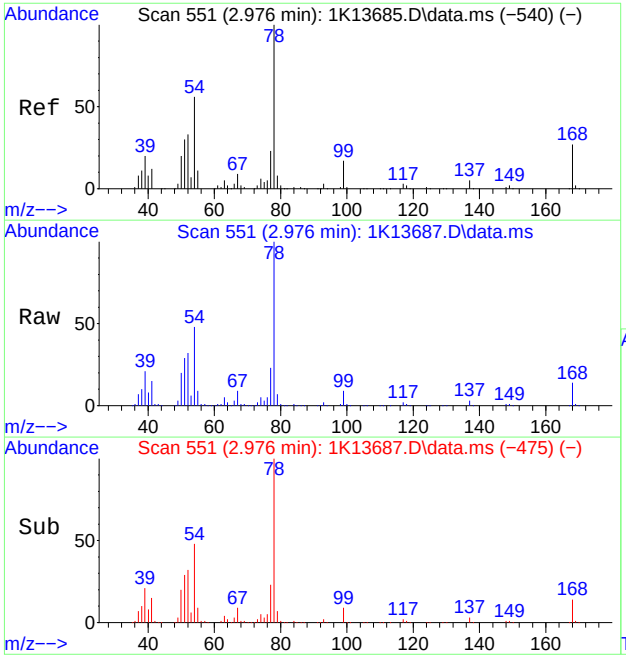


#36
cis-1,2-dichloroethene
Concen: 104.26 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 96 Resp: 475823

Ion	Ratio	Lower	Upper
96	100		
61	140.5	108.4	168.4
98	64.6	31.4	91.4

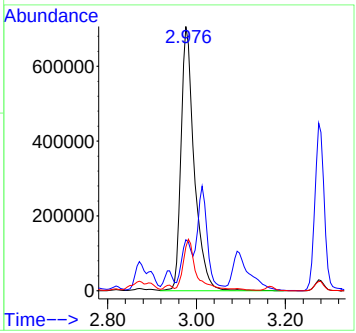


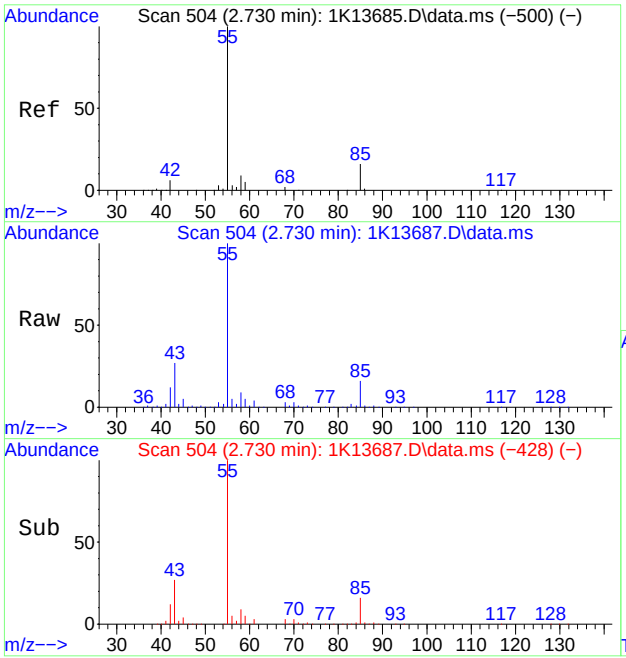


#37
propionitrile
Concen: 1122.47 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 54 Resp: 1463823

Ion	Ratio	Lower	Upper
54	100		
55	19.2	0.0	48.9
40	16.5	0.0	45.0

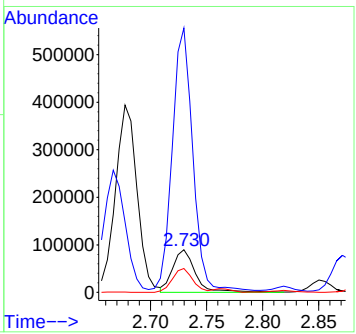


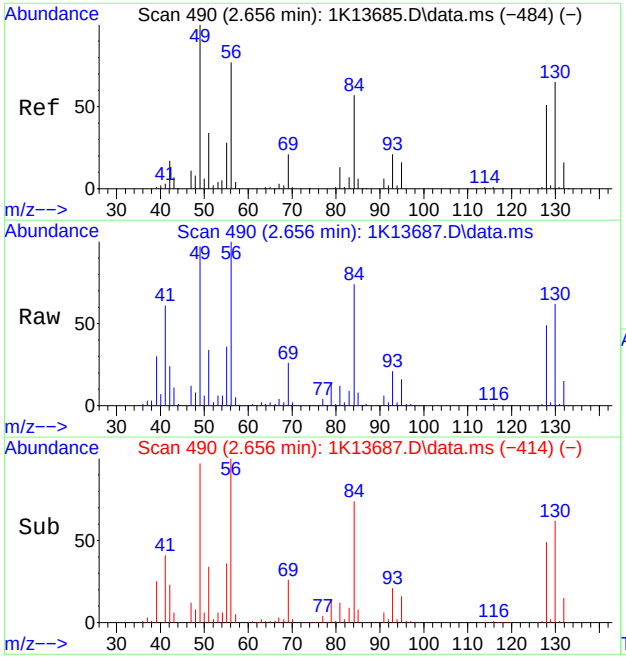


#38
methyl acrylate
Concen: 111.98 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 85 Resp: 125705

Ion	Ratio	Lower	Upper
85	100		
55	608.5	566.6	606.6#
58	53.1	30.2	70.2

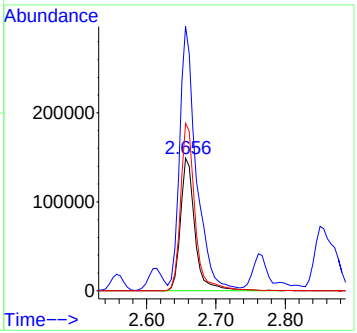


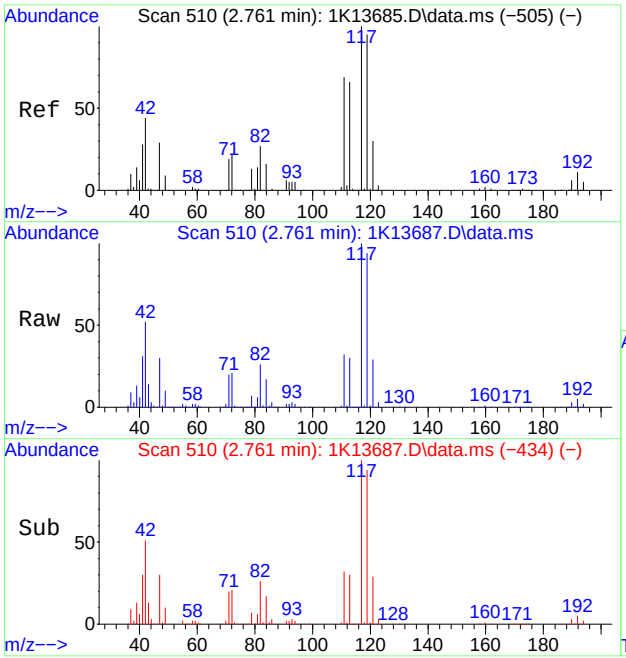


#39
bromochloromethane
Concen: 107.64 ug/L
RT: 2.656 min Scan# 490
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:128 Resp: 216658

Ion	Ratio	Lower	Upper
128	100		
49	193.7	166.7	226.7
130	126.2	97.3	157.3

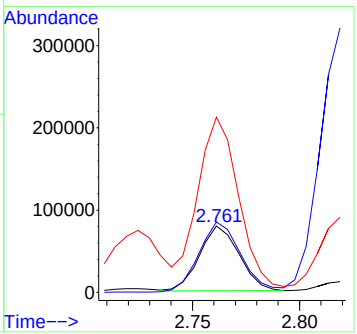


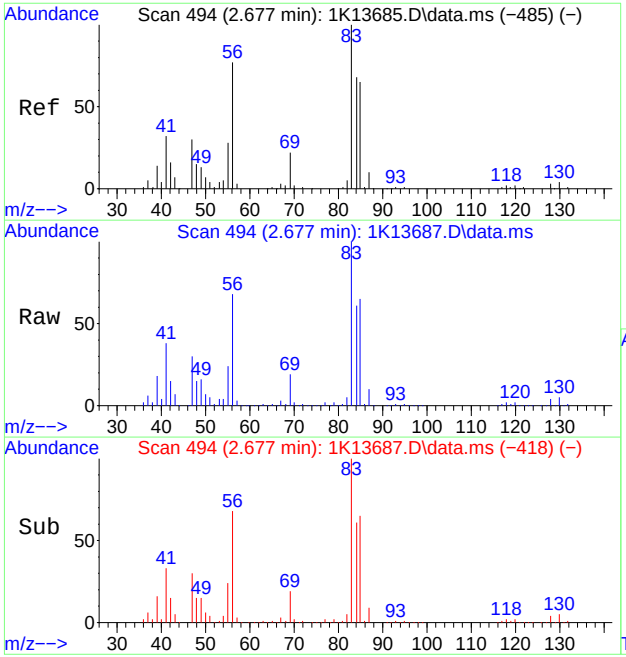


#40
tetrahydrofuran
Concen: 105.60 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 71 Resp: 101661

Ion	Ratio	Lower	Upper
71	100		
72	107.4	87.2	147.2
42	260.5	242.1	302.1

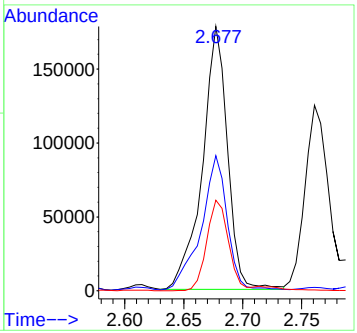


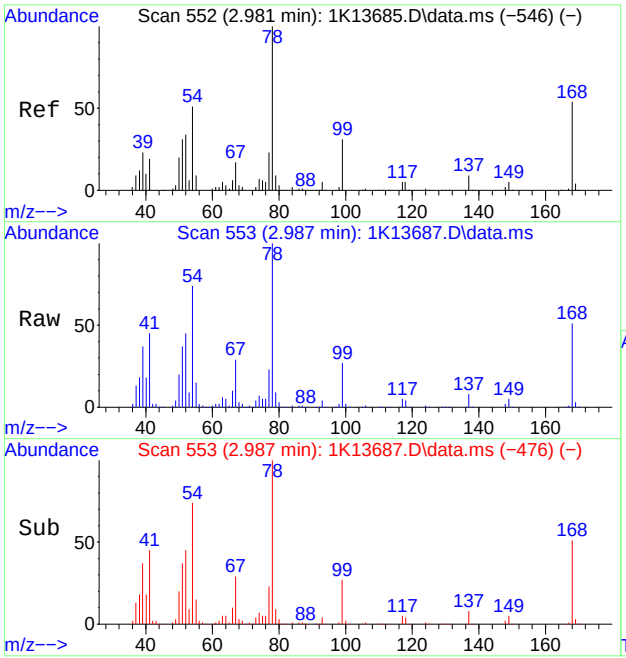


#41
chloroform
Concen: 101.57 ug/L
RT: 2.677 min Scan# 494
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 47 Resp: 265009

Ion	Ratio	Lower	Upper
47	100		
48	51.1	19.0	79.0
87	34.5	3.4	63.4

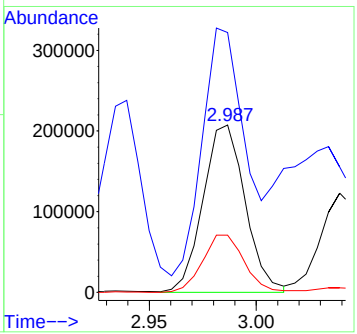


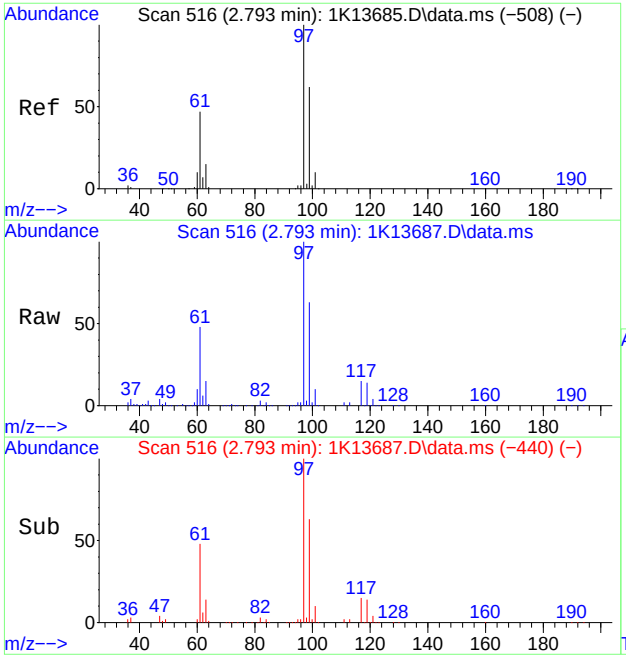


#43
methacrylonitrile
Concen: 102.68 ug/L
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 67 Resp: 285118

Ion	Ratio	Lower	Upper
67	100		
41	140.6	85.4	145.4
66	34.2	4.8	64.8

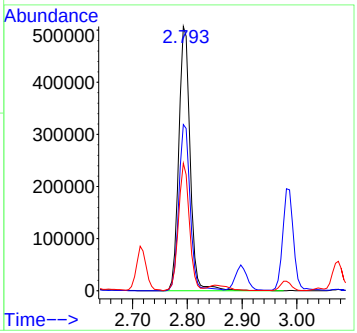


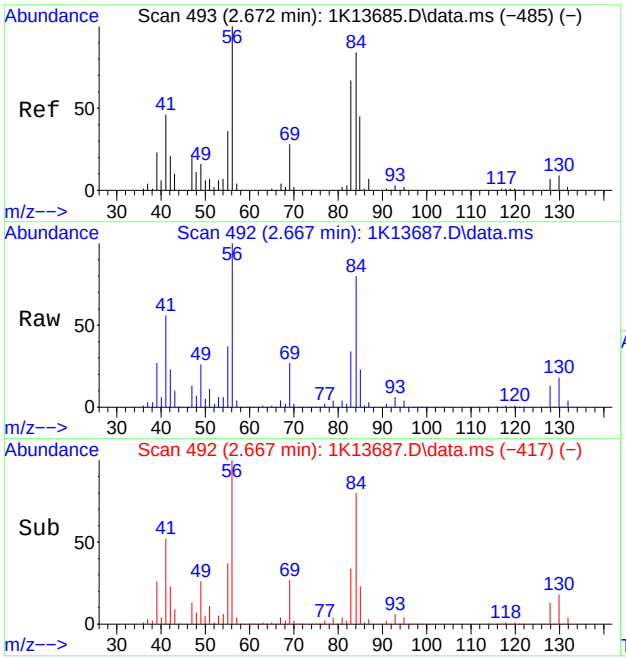


#44
1,1,1-trichloroethane
Concen: 112.19 ug/L
RT: 2.793 min Scan# 516
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 97 Resp: 731672

Ion	Ratio	Lower	Upper
97	100		
99	62.8	32.2	92.2
61	47.9	17.7	77.7

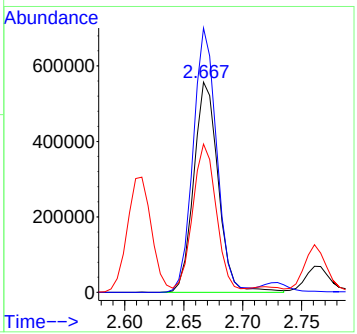


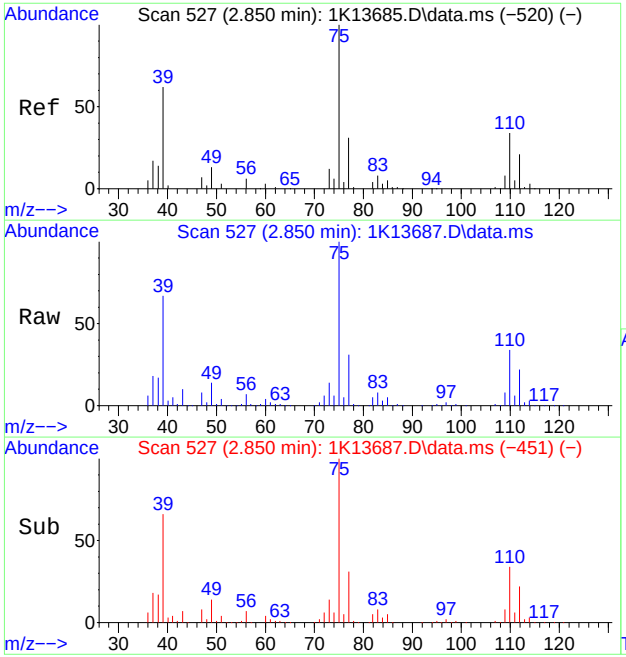


#45
cyclohexane
Concen: 111.64 ug/L
RT: 2.667 min Scan# 492
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 84 Resp: 806136

Ion	Ratio	Lower	Upper
84	100		
56	125.8	98.6	138.6
41	68.9	43.8	83.8

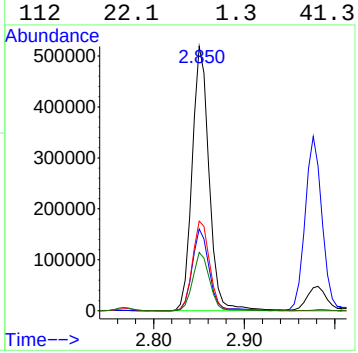


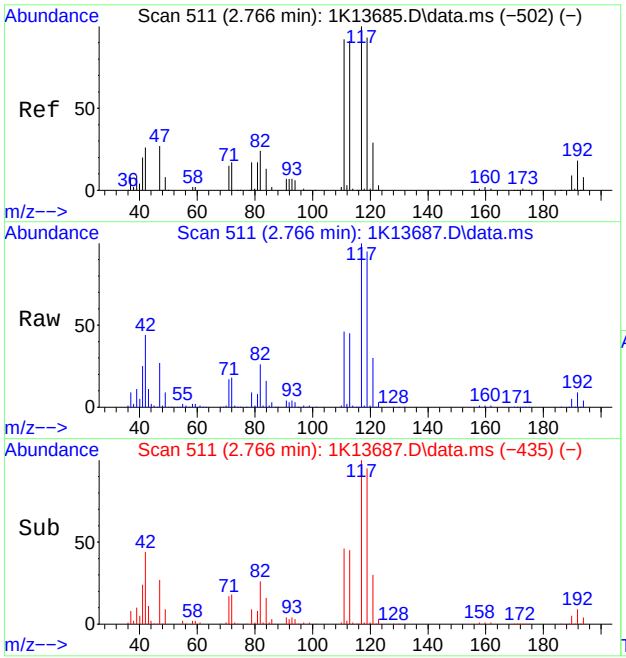


#46
1,1-dichloropropene
Concen: 115.49 ug/L
RT: 2.850 min Scan# 527
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 75 Resp: 676500

Ion	Ratio	Lower	Upper
75	100		
77	30.9	11.3	51.3
110	33.9	14.2	54.2
112	22.1	1.3	41.3

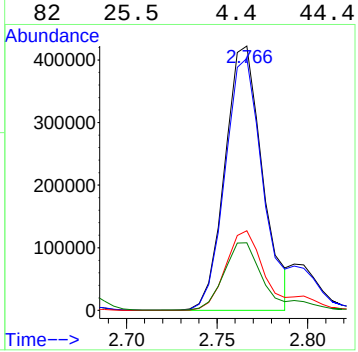


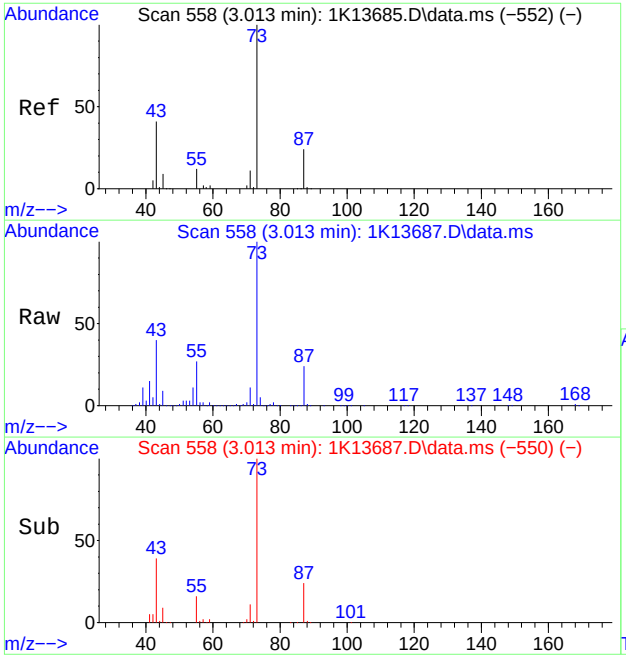


#47
carbon tetrachloride
Concen: 106.30 ug/L
RT: 2.766 min Scan# 511
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:117 Resp: 610383

Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.1	113.1
121	30.1	9.4	49.4
82	25.5	4.4	44.4

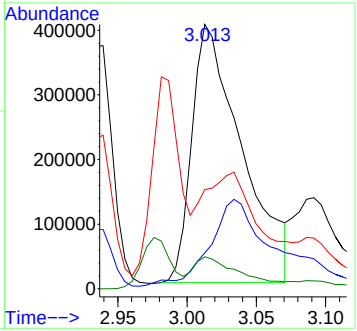


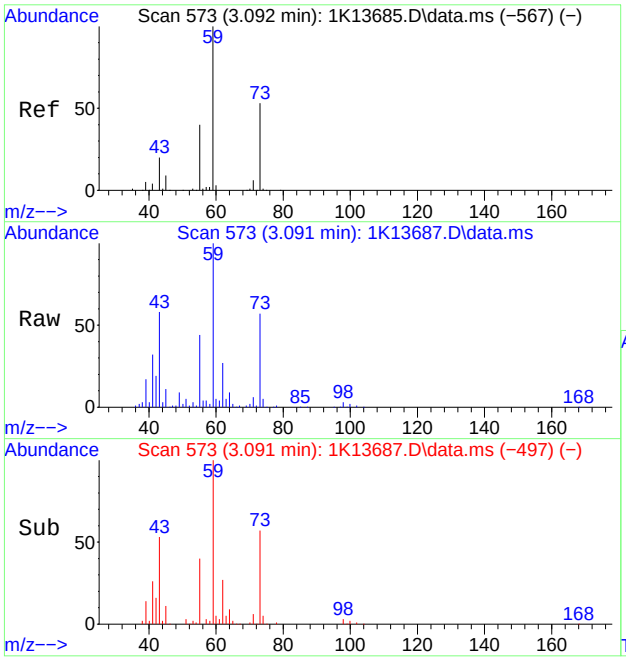


#48
isobutyl alcohol
Concen: 1115.88 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 43 Resp: 1009093

Ion	Ratio	Lower	Upper
43	100		
42	10.5	0.0	32.6
41	20.1	9.1	49.1
74	9.6	0.0	31.0

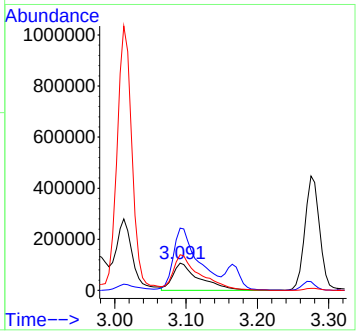


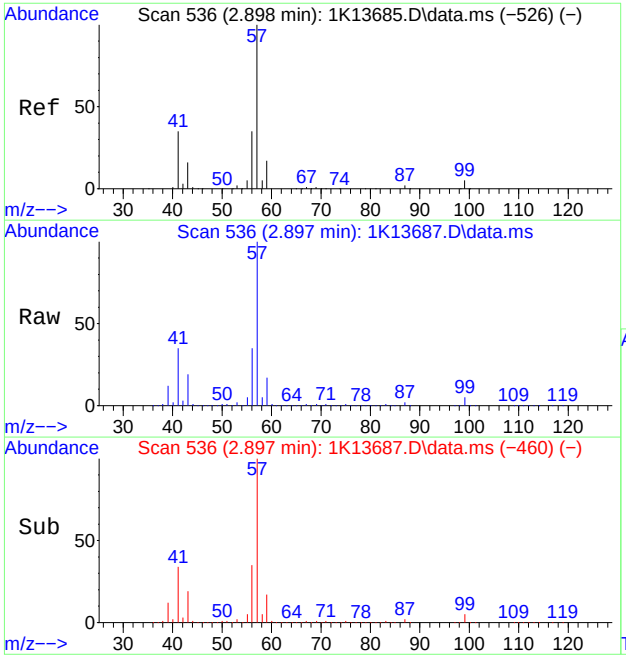


#49
tert-amyl alcohol
Concen: 626.33 ug/L
RT: 3.091 min Scan# 573
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 55 Resp: 274243

Ion	Ratio	Lower	Upper
55	100		
59	229.6	218.8	258.8
73	131.7	115.9	155.9

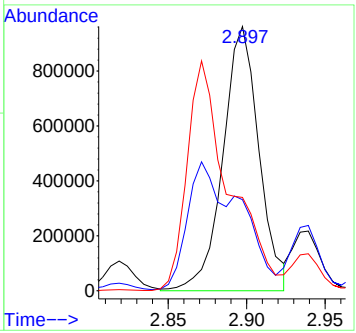


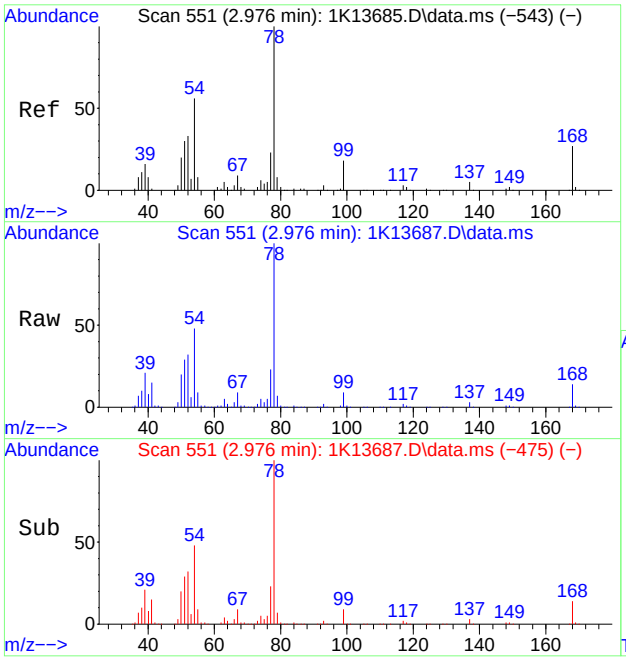


#52
iso-octane
Concen: 107.83 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 57 Resp: 1538639

Ion	Ratio	Lower	Upper
57	100		
41	34.1	14.8	54.8
56	34.8	15.3	55.3

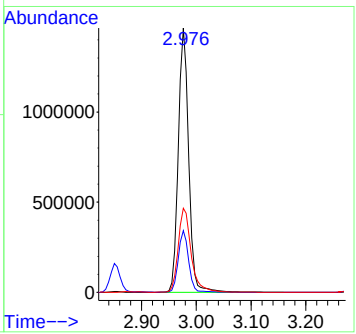


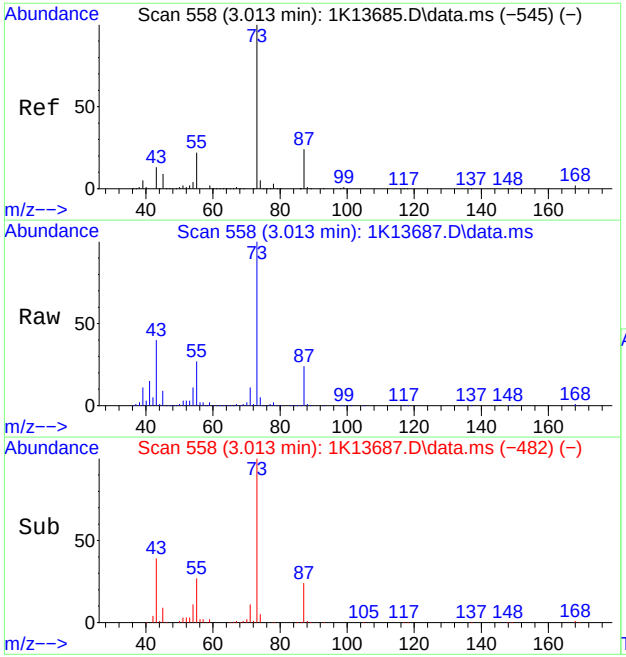


#53
benzene
Concen: 103.27 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 78 Resp: 1930360

Ion	Ratio	Lower	Upper
78	100		
77	23.3	0.0	53.3
52	31.7	3.5	63.5

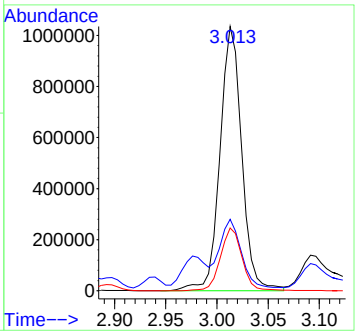


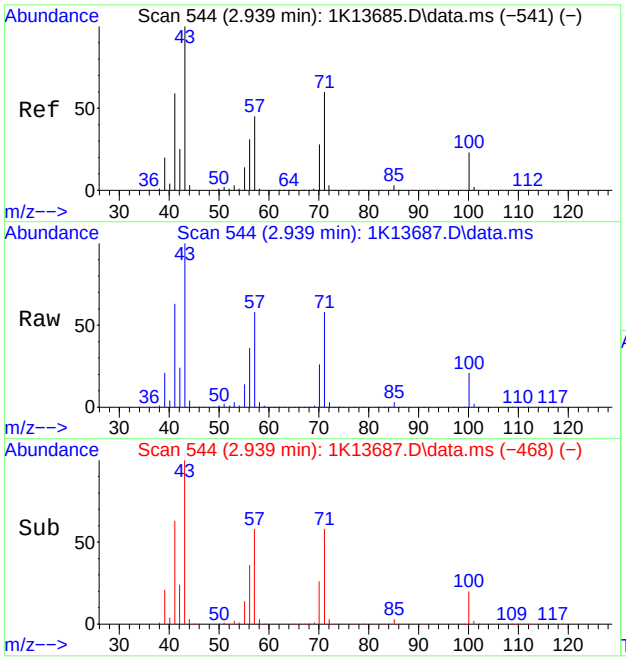


#54
tert-amyl methyl ether
Concen: 108.78 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 73 Resp: 1535453

Ion	Ratio	Lower	Upper
73	100		
55	25.9	5.1	45.1
87	23.7	4.2	44.2

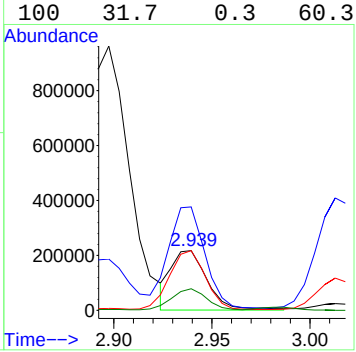


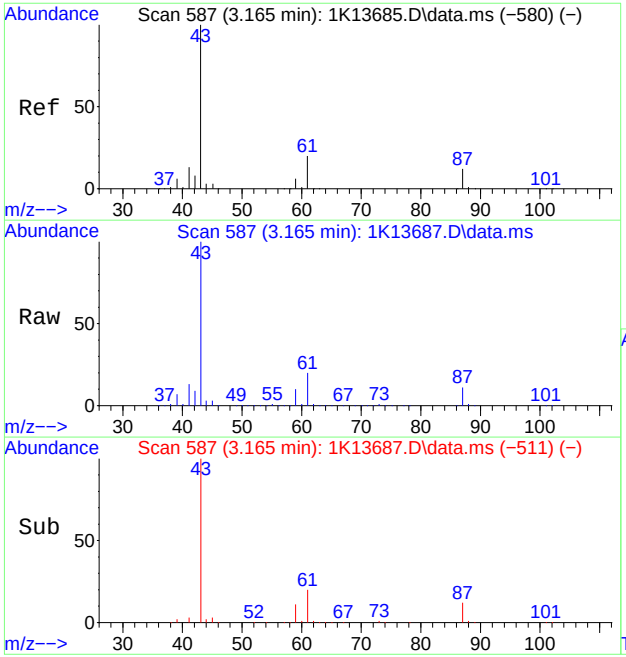


#55
heptane
Concen: 105.74 ug/L
RT: 2.939 min Scan# 544
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 57 Resp: 279073

Ion	Ratio	Lower	Upper
57	100		
43	171.7	140.0	200.0
71	101.3	67.3	127.3
100	31.7	0.3	60.3

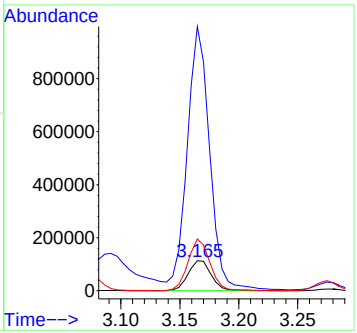


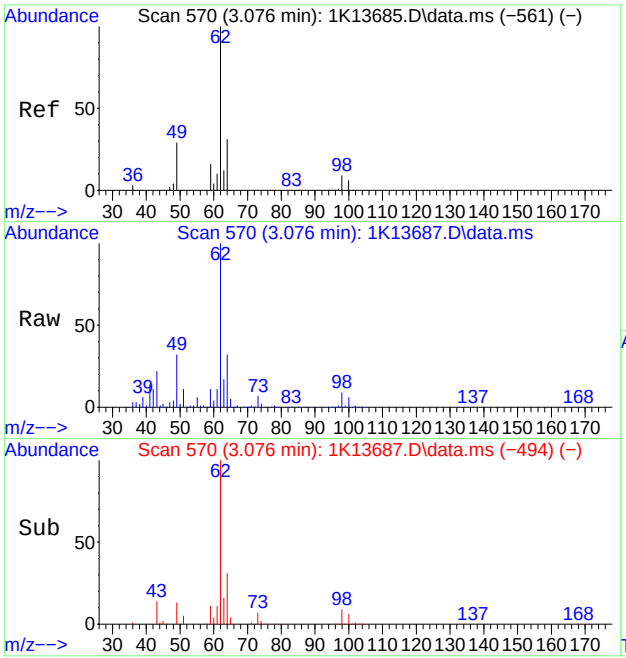


#56
isopropyl acetate
Concen: 120.75 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 87 Resp: 157588

Ion	Ratio	Lower	Upper
87	100		
43	877.9	799.2	859.2#
61	172.9	137.1	197.1

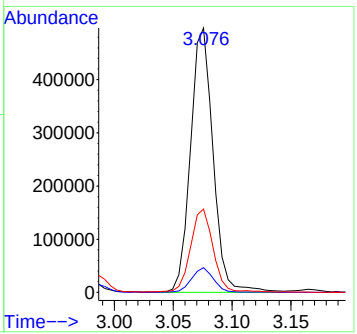


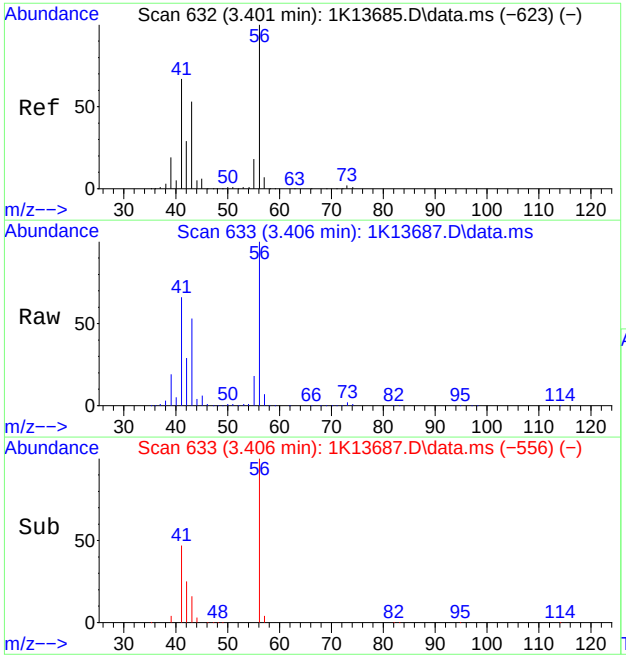


#57
1,2-dichloroethane
Concen: 98.36 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 62 Resp: 665180

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	39.5
64	31.4	1.1	61.1

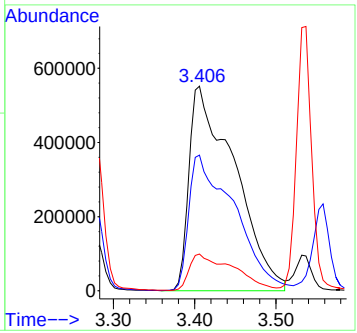


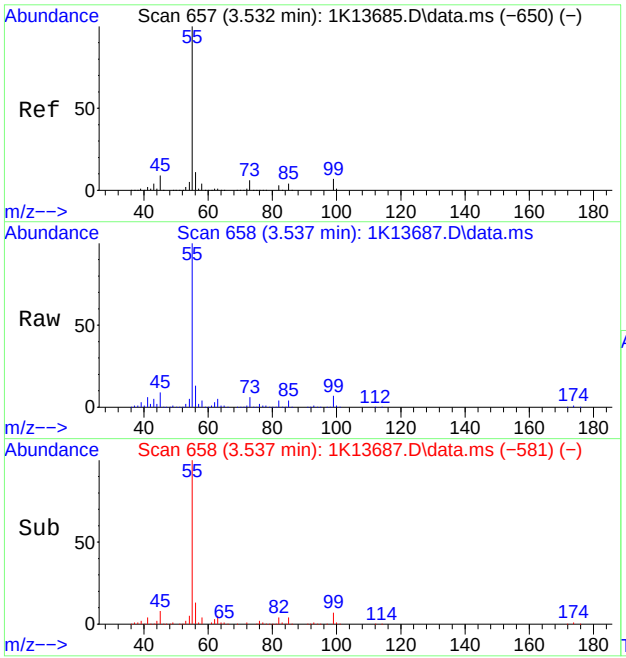


#58
n-butyl alcohol
Concen: 6025.04 ug/L
RT: 3.406 min Scan# 633
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 56 Resp: 2140331

Ion	Ratio	Lower	Upper
56	100		
41	66.1	46.6	86.6
55	17.8	0.0	37.9

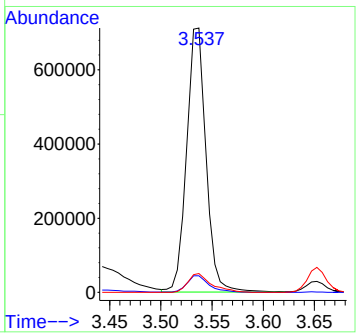


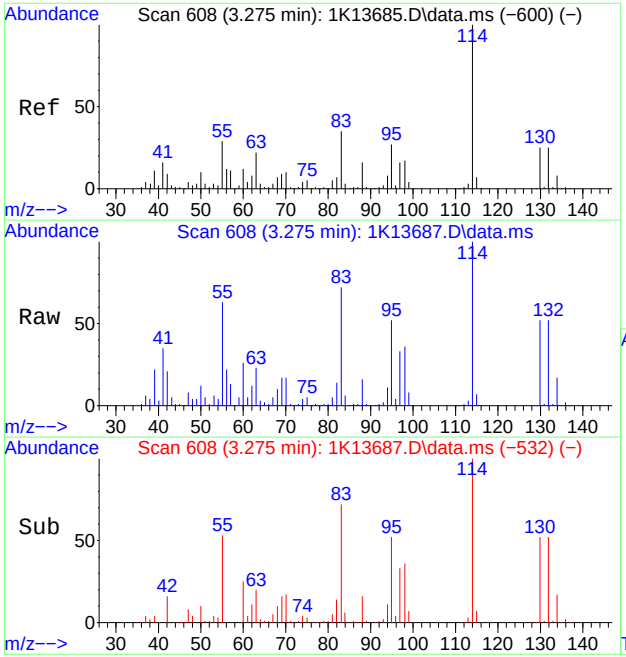


#59
ethyl acrylate
Concen: 116.33 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 55 Resp: 946212

Ion	Ratio	Lower	Upper
55	100		
73	6.3	0.0	36.5
99	7.1	0.0	37.0

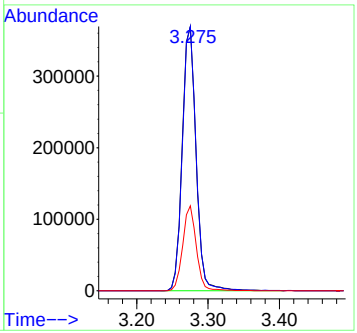


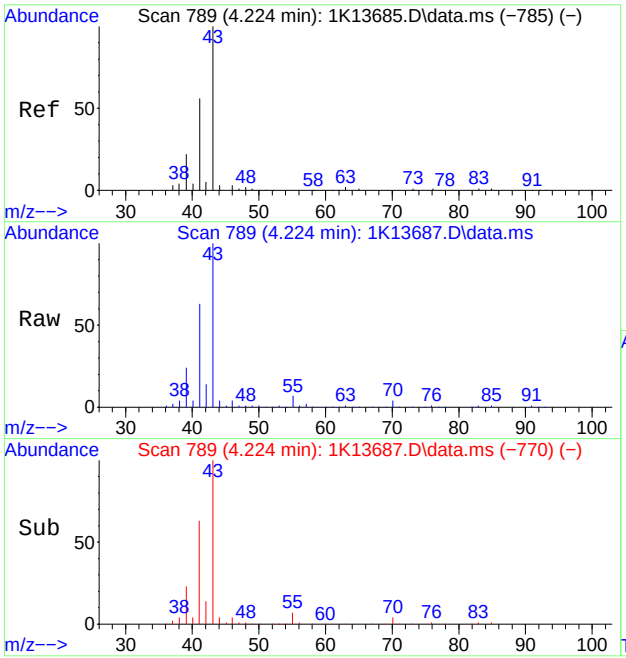


#60
trichloroethene
Concen: 106.08 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:130 Resp: 497687

Ion	Ratio	Lower	Upper
130	100		
132	100.2	70.3	130.3
134	32.2	2.0	62.0

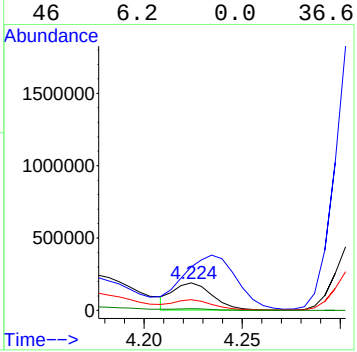


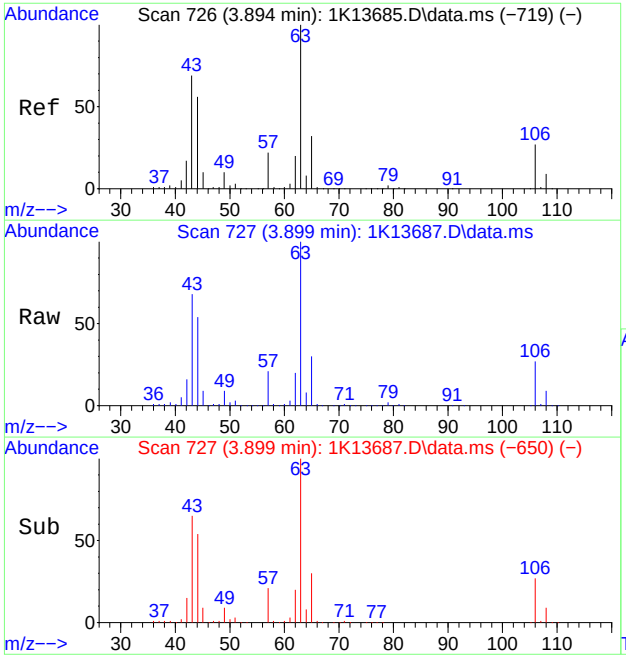


#61
2-nitropropane
Concen: 111.76 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 41 Resp: 262015

Ion	Ratio	Lower	Upper
41	100		
43	155.7	127.6	187.6
39	38.3	8.5	68.5
46	6.2	0.0	36.6

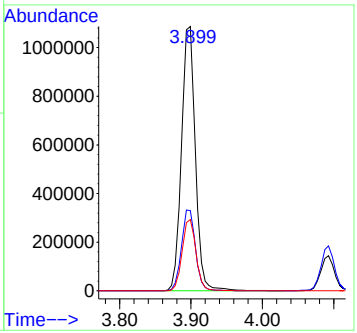


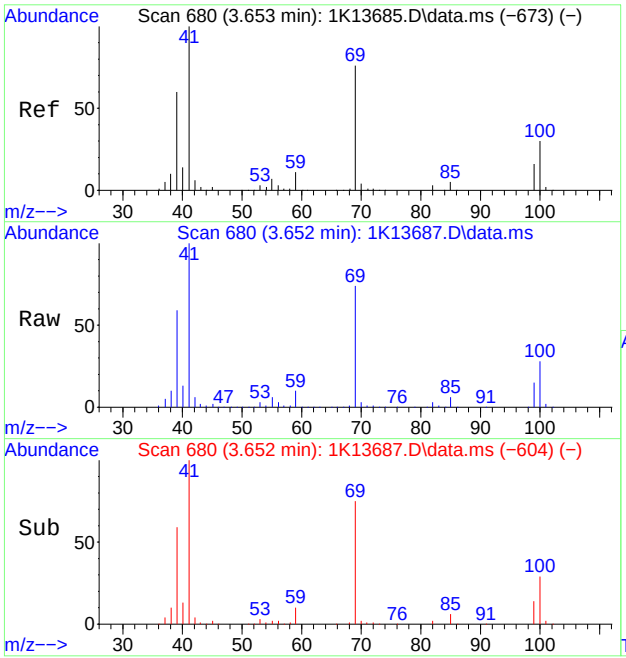


#62
2-chloroethyl vinyl ether
Concen: 692.11 ug/L
RT: 3.899 min Scan# 727
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 63 Resp: 1473228

Ion	Ratio	Lower	Upper
63	100		
65	30.4	1.9	61.9
106	26.9	0.0	57.3

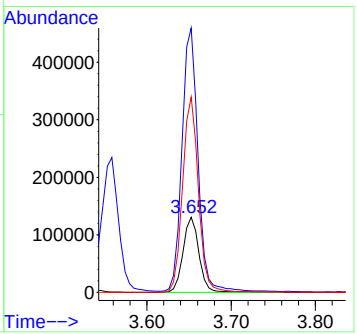


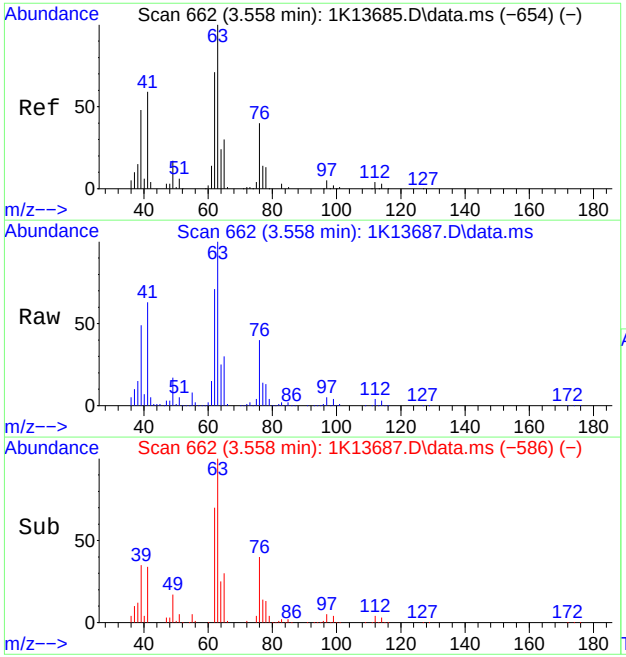


#63
methyl methacrylate
Concen: 117.89 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:100 Resp: 171742

Ion	Ratio	Lower	Upper
100	100		
41	350.1	304.0	364.0
69	259.8	224.1	284.1

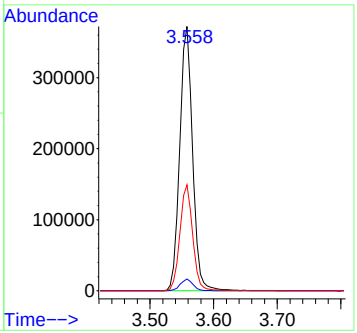


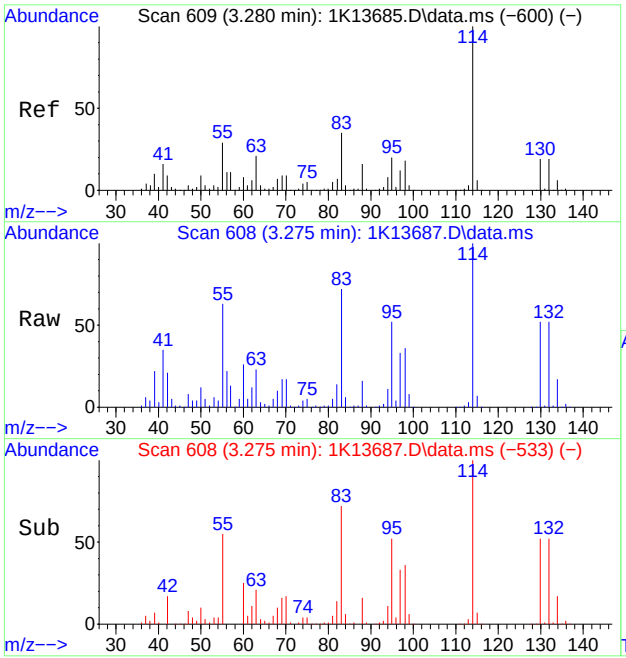


#64
1,2-dichloropropane
Concen: 109.15 ug/L
RT: 3.558 min Scan# 662
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 63 Resp: 519412

Ion	Ratio	Lower	Upper
63	100		
112	4.5	0.0	34.4
76	40.1	10.3	70.3

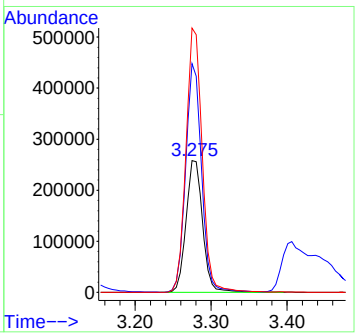


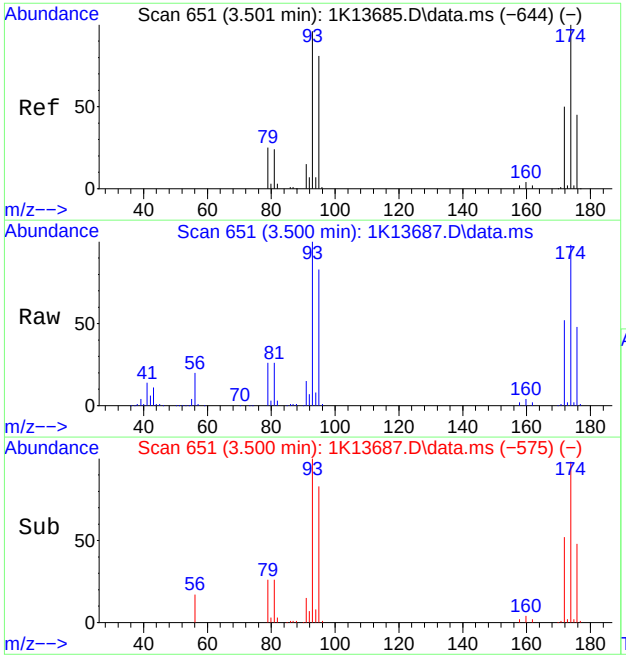


#65
methylcyclohexane
Concen: 108.83 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 98 Resp: 391095

Ion	Ratio	Lower	Upper
98	100		
55	173.2	130.3	190.3
83	200.5	194.3	194.3#

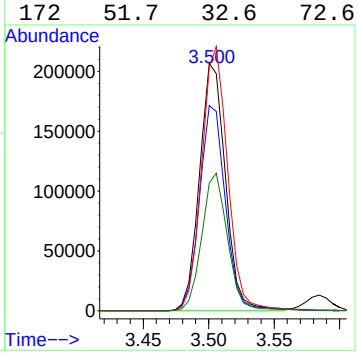


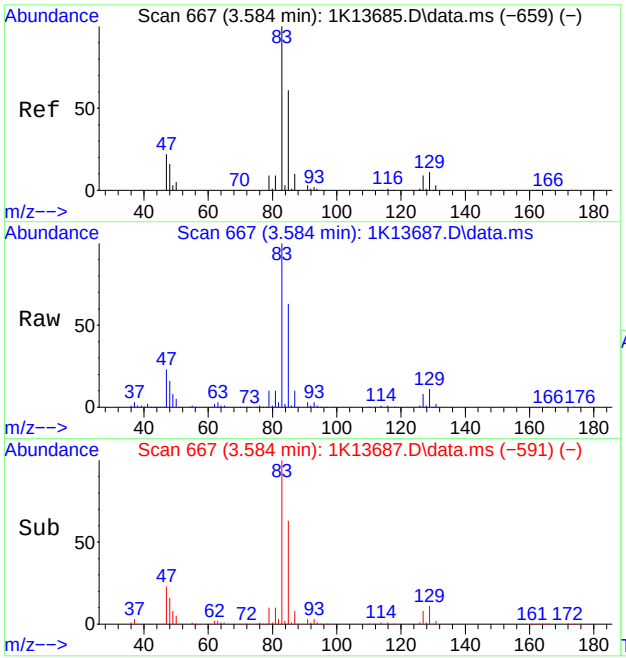


#66
dibromomethane
Concen: 104.31 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 93 Resp: 285989

Ion	Ratio	Lower	Upper
93	100		
95	82.9	54.7	114.7
174	98.4	74.1	134.1
172	51.7	32.6	72.6

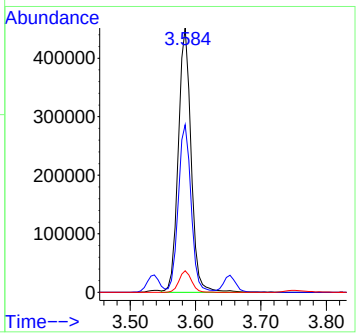


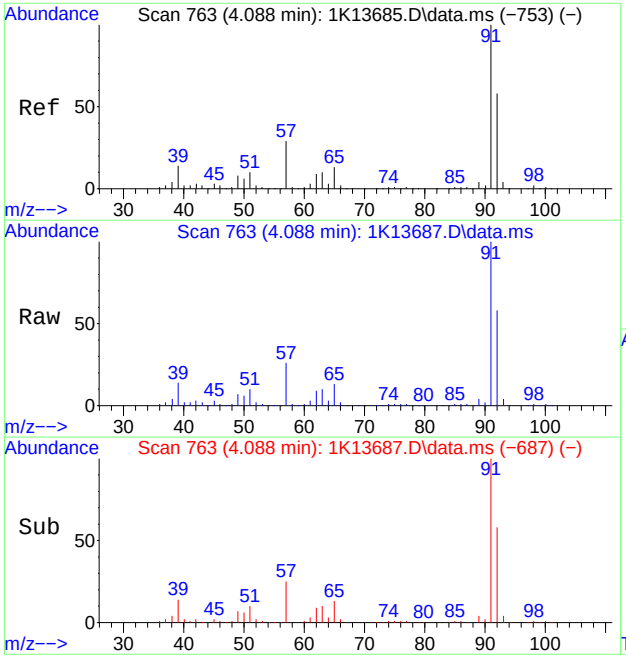


#67
bromodichloromethane
Concen: 106.59 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 83 Resp: 615962

Ion	Ratio	Lower	Upper
83	100		
85	63.4	35.1	95.1
127	8.2	0.0	39.1

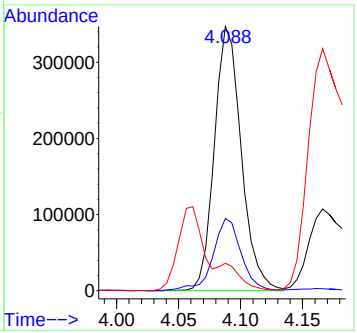


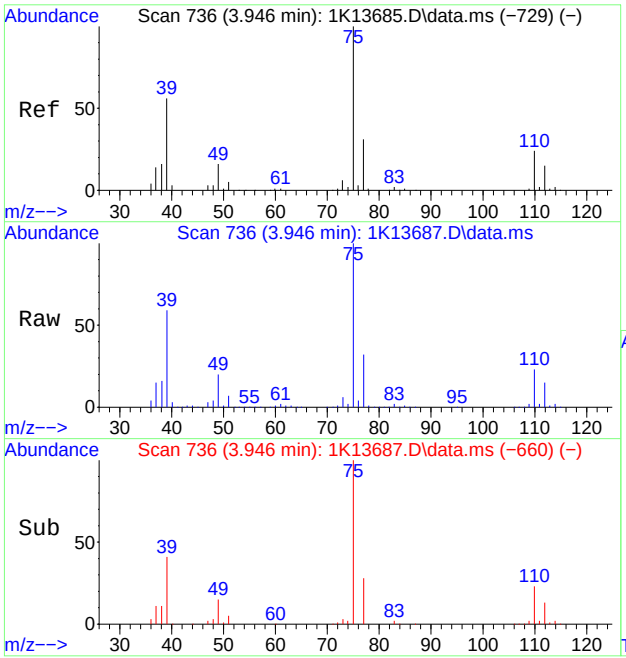


#68
epichlorohydrin
Concen: 546.07 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 57 Resp: 524274

Ion	Ratio	Lower	Upper
57	100		
49	27.2	6.2	46.2
42	9.7	0.0	29.7

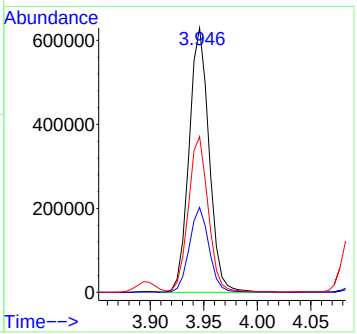


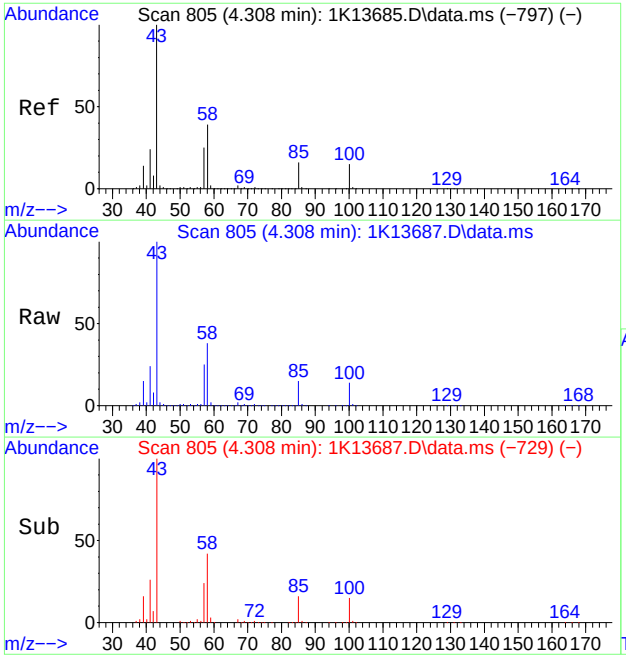


#69
cis-1,3-dichloropropene
Concen: 114.26 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 75 Resp: 824218

Ion	Ratio	Lower	Upper
75	100		
77	32.1	1.6	61.6
39	58.8	26.9	86.9

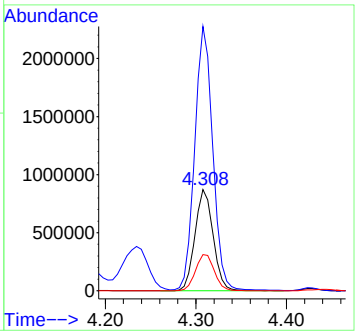


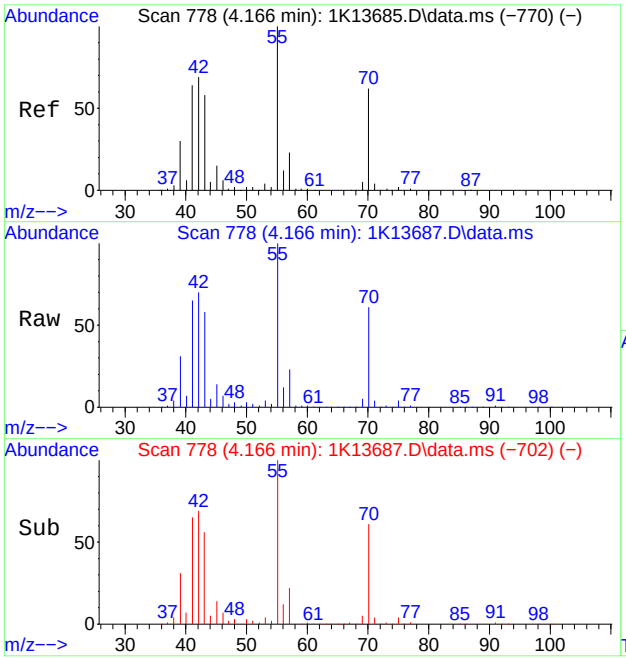


#70
4-methyl-2-pentanone
Concen: 458.03 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 58 Resp: 1217406

Ion	Ratio	Lower	Upper
58	100		
43	260.9	226.7	286.7
100	35.9	8.1	68.1

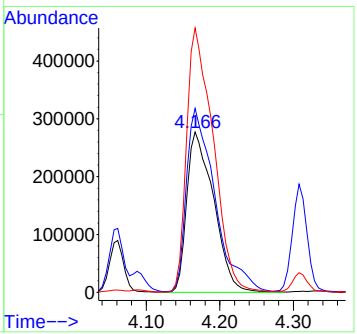


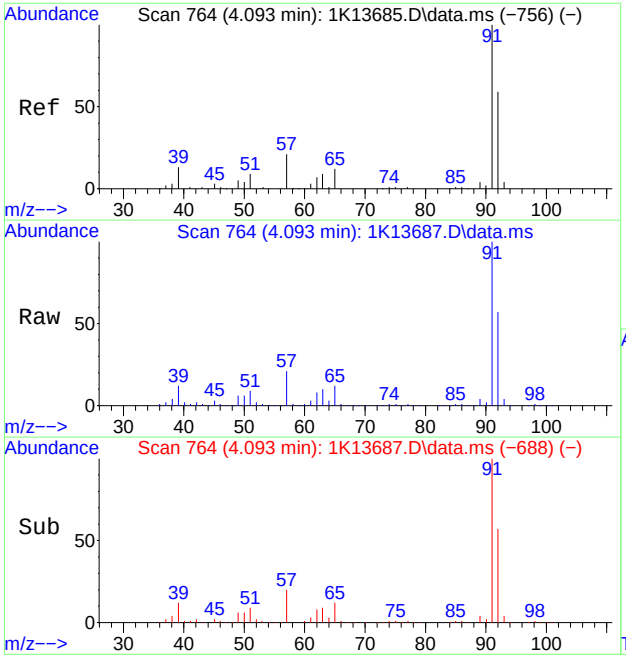


#71
3-methyl-1-butanol
Concen: 2468.09 ug/L
RT: 4.166 min Scan# 778
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 70 Resp: 704031

Ion	Ratio	Lower	Upper
70	100		
42	114.2	81.3	141.3
55	165.0	131.4	191.4

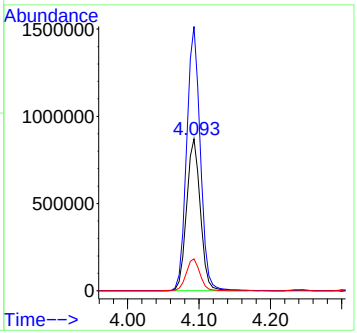


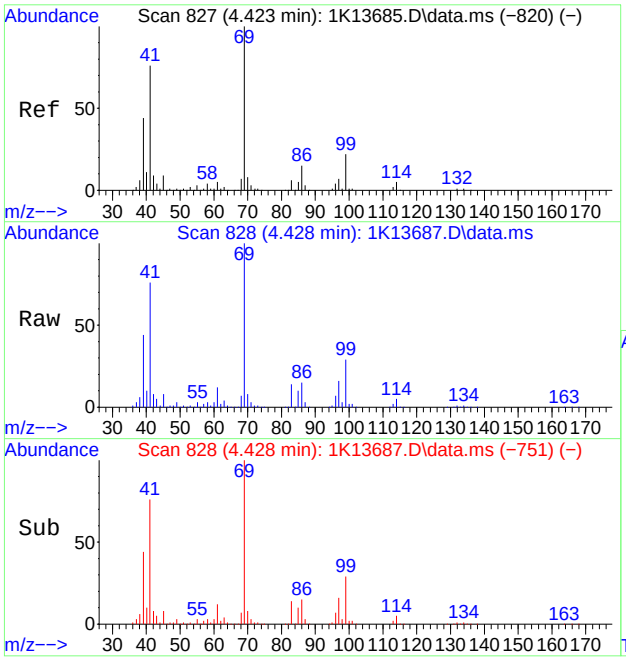


#74
toluene
Concen: 103.73 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 92 Resp: 1165699

Ion	Ratio	Lower	Upper
92	100		
91	174.1	150.5	190.5
65	21.1	0.6	40.6

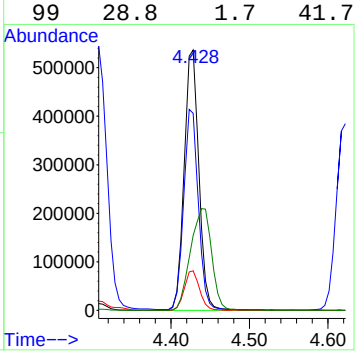


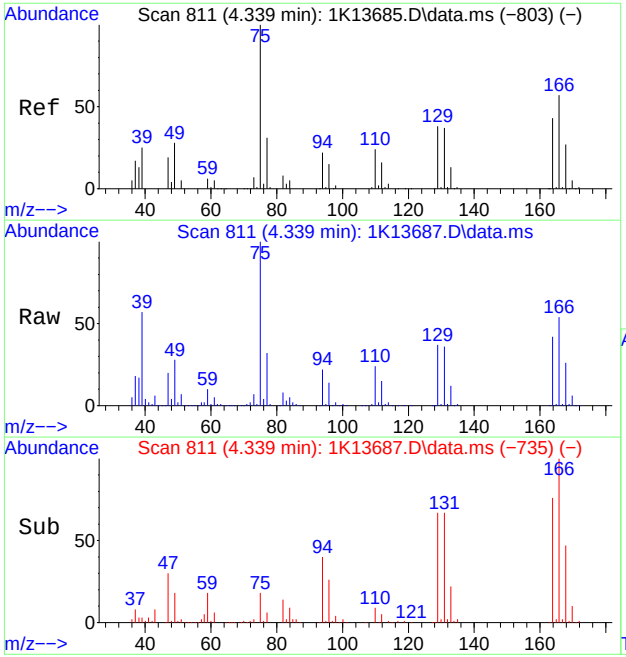


#75
ethyl methacrylate
Concen: 112.67 ug/L
RT: 4.428 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 69 Resp: 701810

Ion	Ratio	Lower	Upper
69	100		
41	75.5	56.7	96.7
86	15.2	0.0	35.4
99	28.8	1.7	41.7

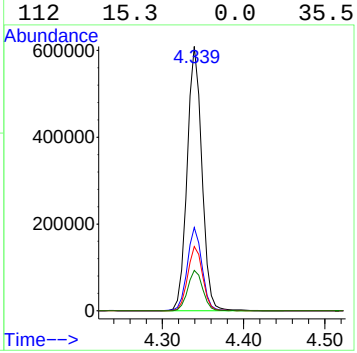


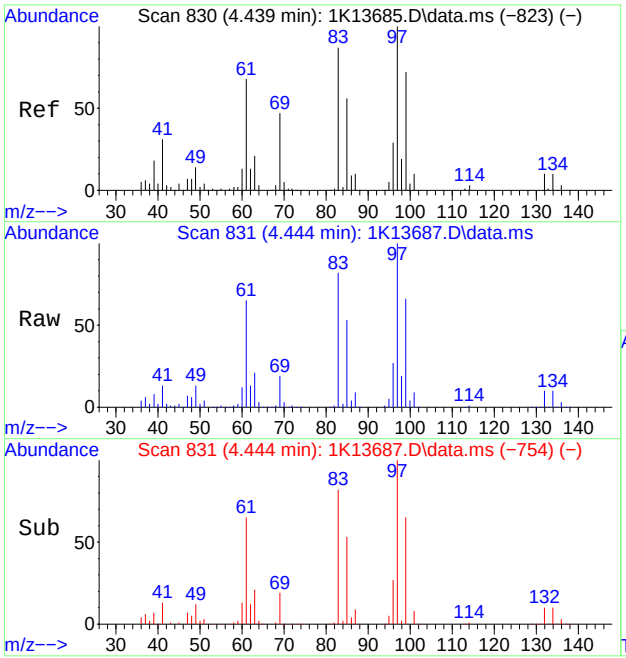


#76
trans-1,3-dichloropropene
Concen: 114.46 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 75 Resp: 767534

Ion	Ratio	Lower	Upper
75	100		
77	31.5	11.2	51.2
110	24.3	4.0	44.0
112	15.3	0.0	35.5

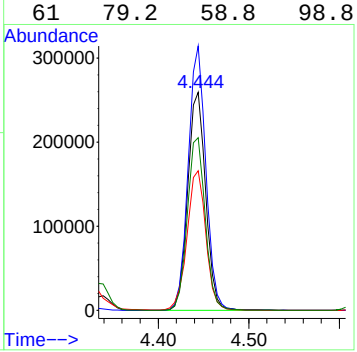




#77
1,1,2-trichloroethane
Concen: 110.69 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

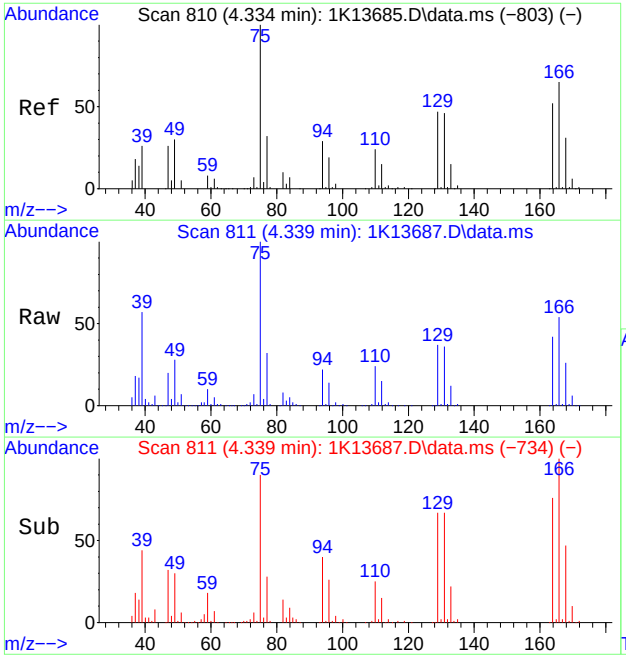
Tgt Ion: 83 Resp: 359068

Ion	Ratio	Lower	Upper
83	100		
97	121.3	95.4	135.4
85	64.1	45.4	85.4
61	79.2	58.8	98.8



7.6.22

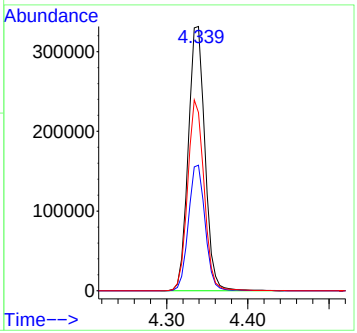
7

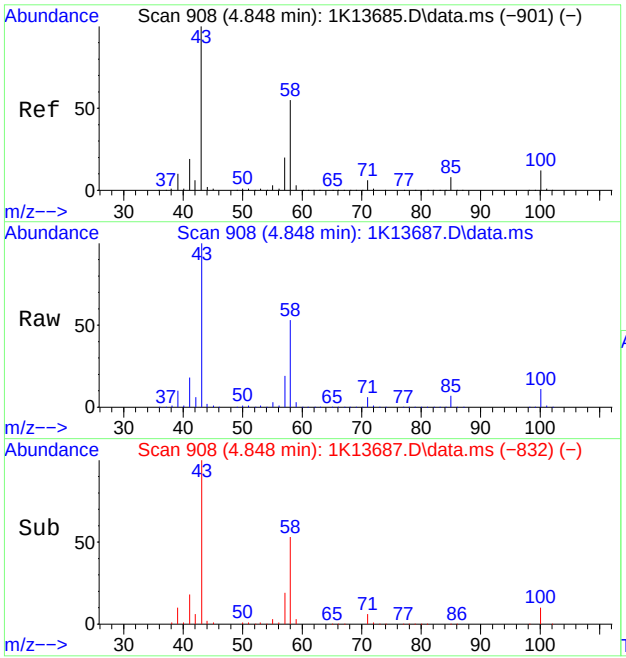


#78
tetrachloroethene
Concen: 103.91 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:166 Resp: 473101

Ion	Ratio	Lower	Upper
166	100		
168	47.5	17.2	77.2
129	67.4	42.2	102.2

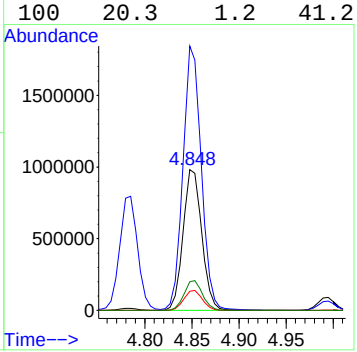


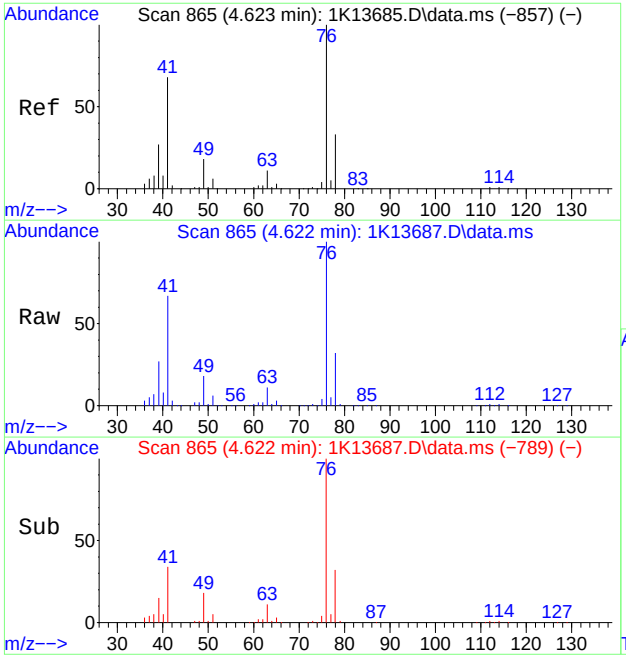


#79
2-hexanone
Concen: 452.59 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 58 Resp: 1356485

Ion	Ratio	Lower	Upper
58	100		
43	187.9	162.0	202.0
85	13.5	0.0	34.2
100	20.3	1.2	41.2

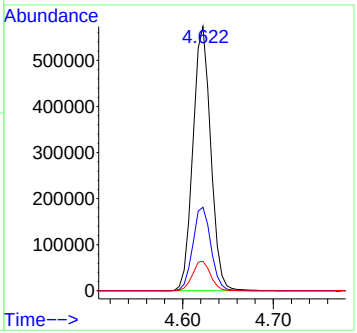


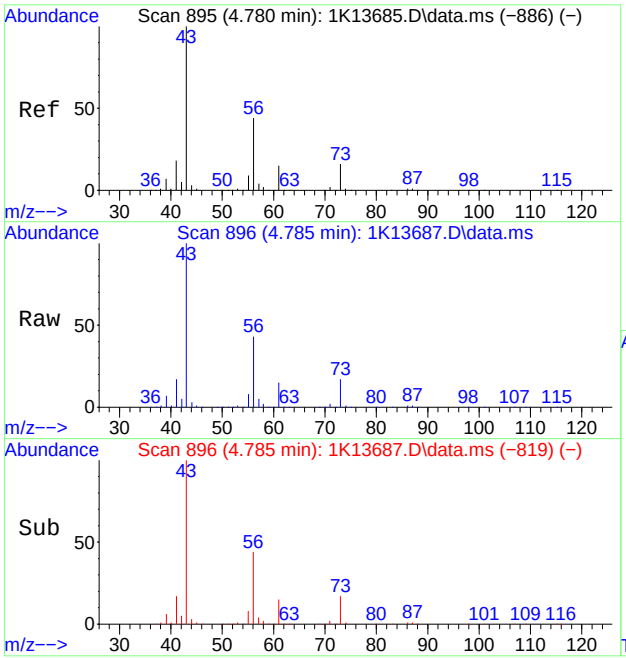


#80
1,3-dichloropropane
Concen: 109.57 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 76 Resp: 783431

Ion	Ratio	Lower	Upper
76	100		
78	31.6	3.0	63.0
63	11.1	0.0	40.8

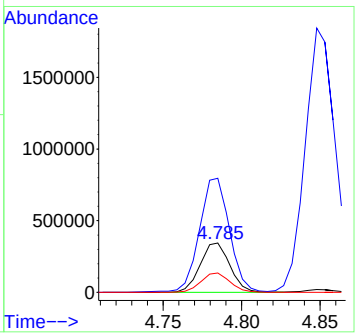


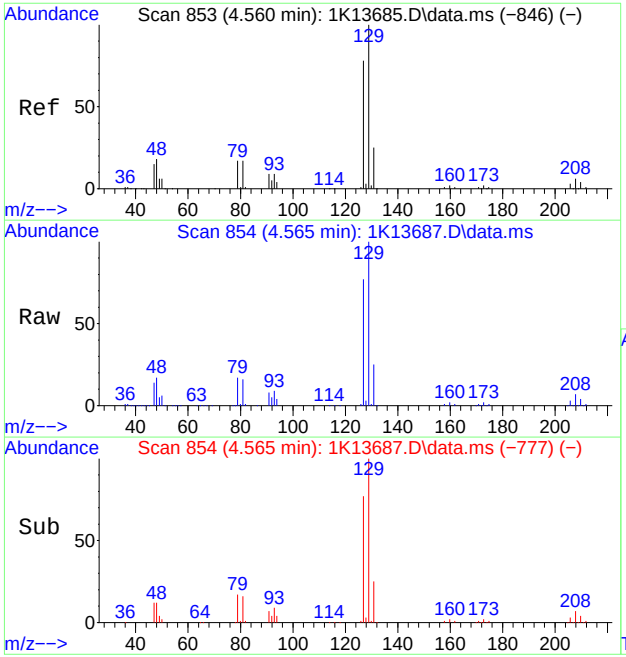


#81
butyl acetate
Concen: 112.43 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 56 Resp: 455460

Ion	Ratio	Lower	Upper
56	100		
43	228.9	198.9	258.9
73	39.5	7.7	67.7

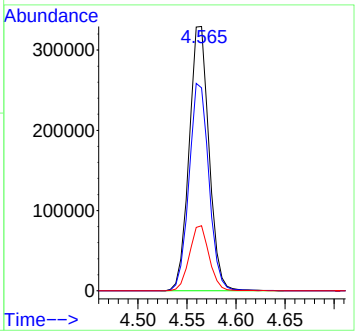


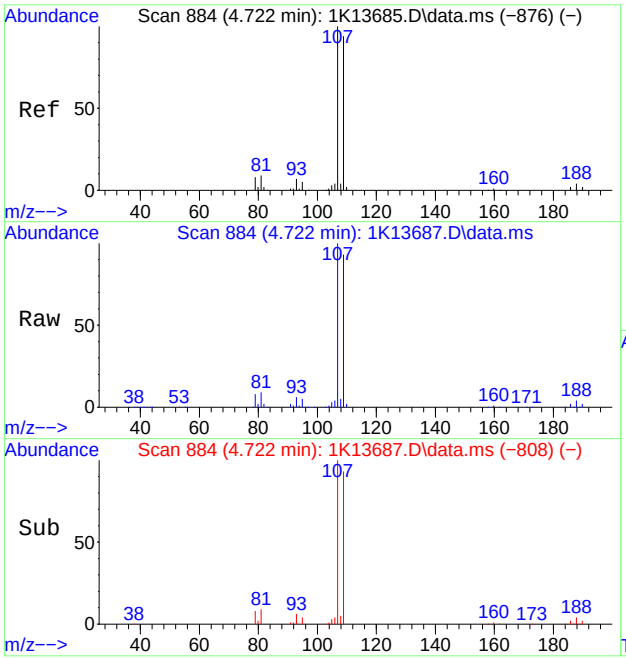


#82
dibromochloromethane
Concen: 120.23 ug/L
RT: 4.565 min Scan# 854
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:129 Resp: 465788

Ion	Ratio	Lower	Upper
129	100		
127	76.7	48.2	108.2
131	24.6	0.0	54.9

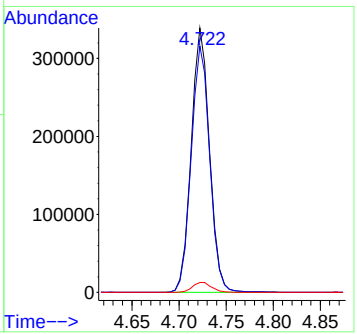


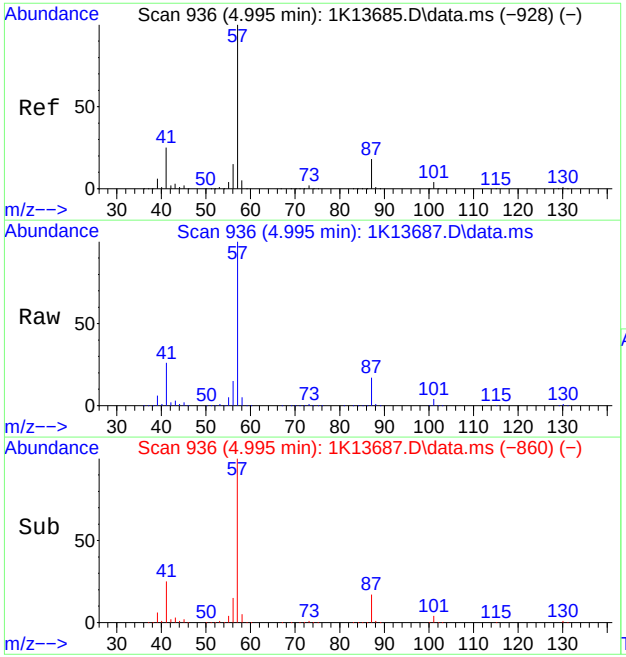


#83
1,2-dibromoethane
Concen: 111.57 ug/L
RT: 4.722 min Scan# 884
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:107 Resp: 457259

Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.1	124.1
188	3.7	0.0	33.9

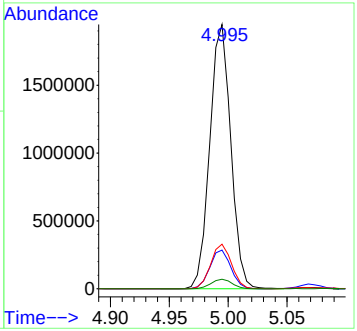


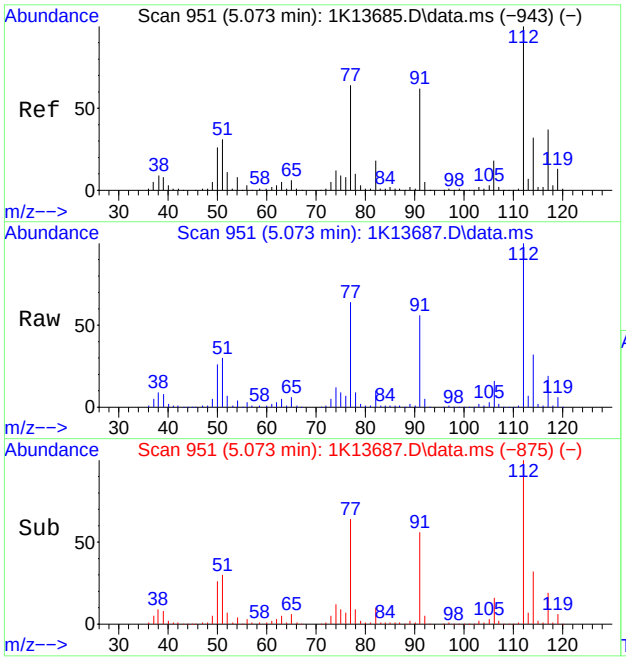


#84
n-butyl ether
Concen: 114.13 ug/L
RT: 4.995 min Scan# 936
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 57 Resp: 2423702

Ion	Ratio	Lower	Upper
57	100		
56	14.6	0.0	44.5
87	16.8	0.0	47.6
101	3.7	0.0	33.9

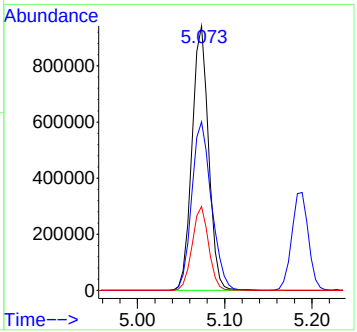


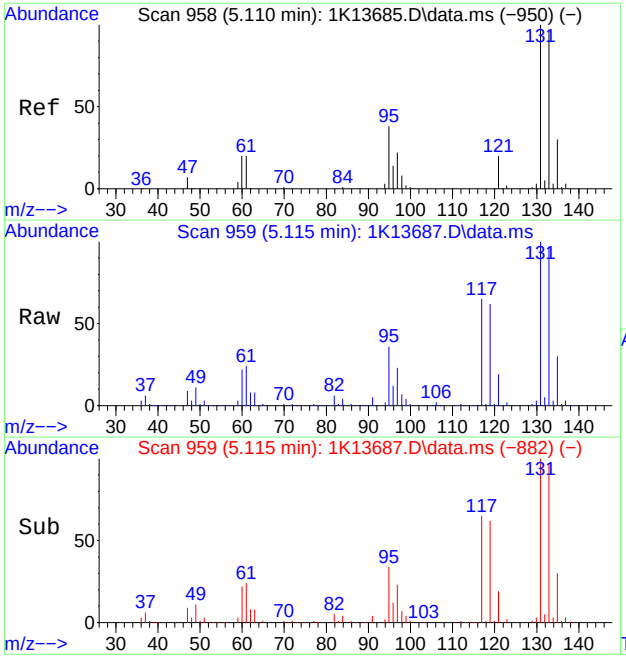


#85
chlorobenzene
Concen: 104.27 ug/L
RT: 5.073 min Scan# 951
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:112 Resp: 1241335

Ion	Ratio	Lower	Upper
112	100		
77	63.8	33.8	93.8
114	31.7	2.0	62.0

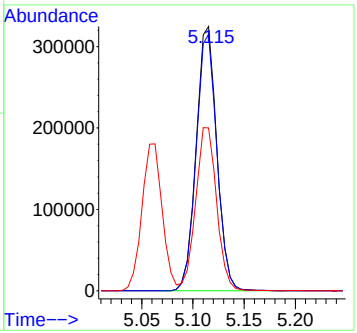


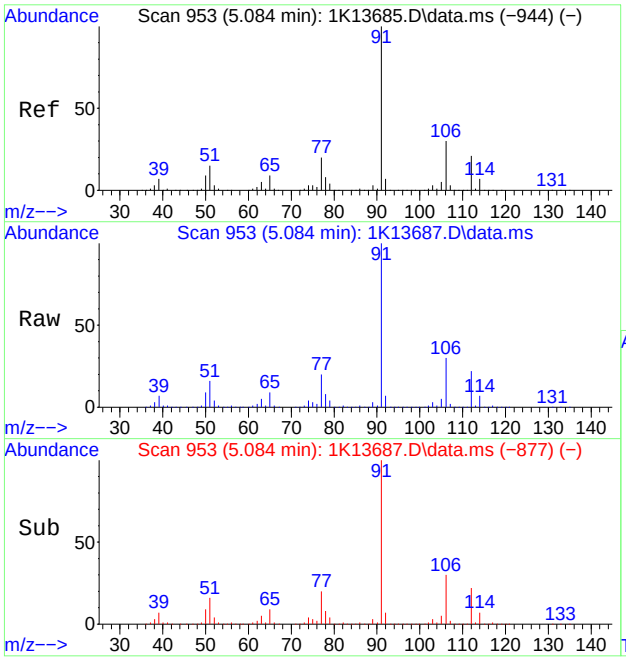


#86
1,1,1,2-tetrachloroethane
Concen: 120.99 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:131 Resp: 457855

Ion	Ratio	Lower	Upper
131	100		
133	97.0	67.0	127.0
119	61.5	34.4	94.4

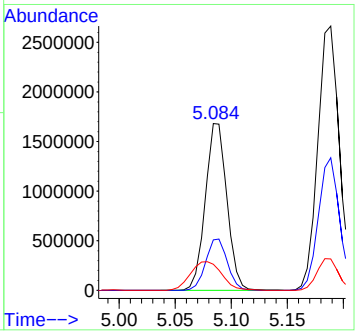


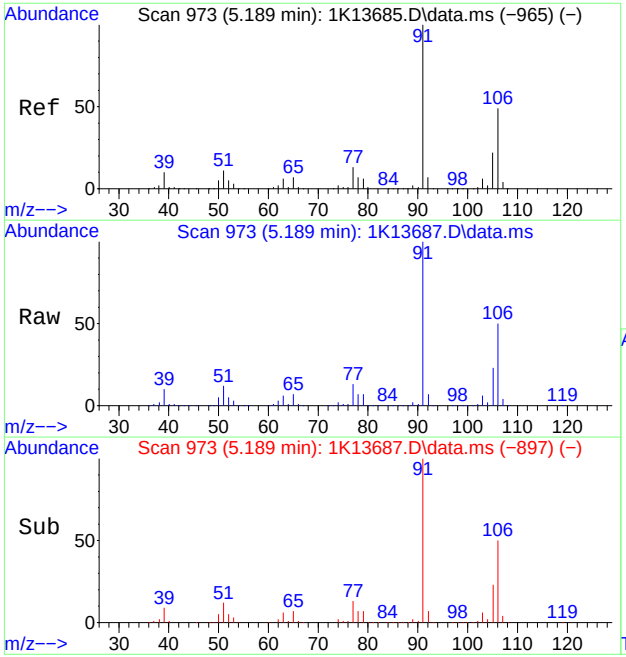


#87
ethylbenzene
Concen: 100.96 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 91 Resp: 2277185

Ion	Ratio	Lower	Upper
91	100		
106	30.3	0.2	60.2
51	15.7	0.0	45.3

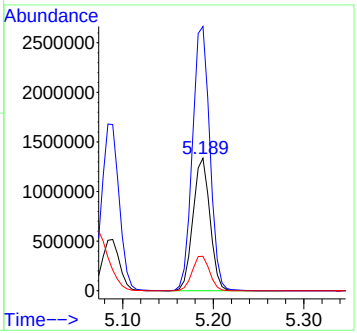


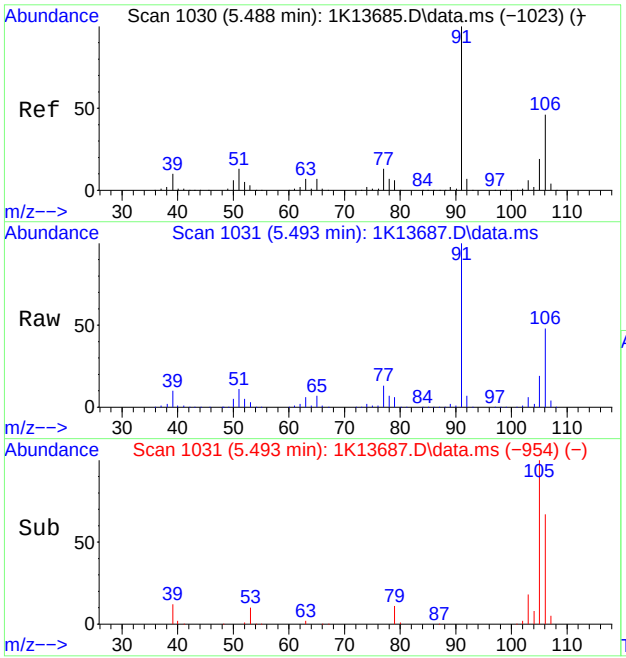


#88
m,p-xylene
Concen: 209.02 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:106 Resp: 1744414

Ion	Ratio	Lower	Upper
106	100		
91	199.5	172.8	232.8
77	26.1	5.8	45.8

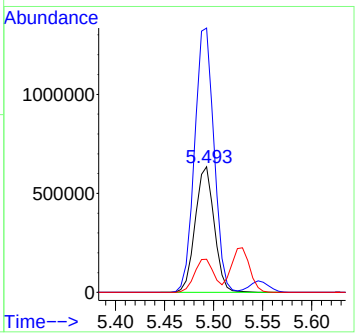


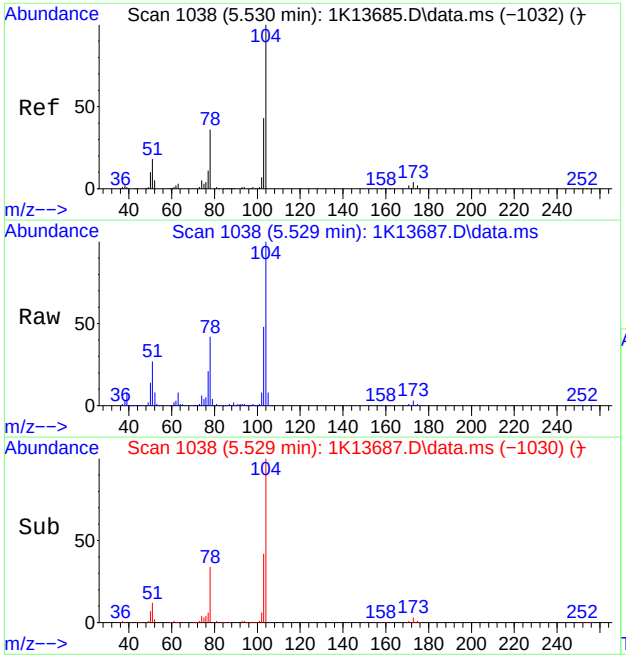


#89
o-xylene
Concen: 109.21 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:106 Resp: 859238

Ion	Ratio	Lower	Upper
106	100		
91	210.4	186.3	246.3
77	26.4	7.1	47.1

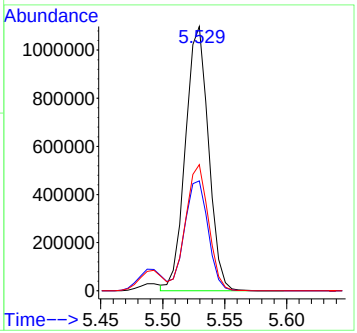


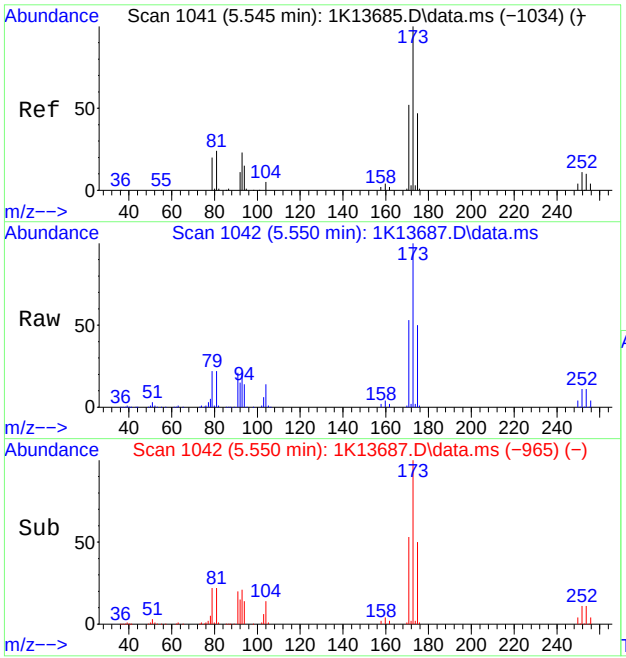


#90
styrene
Concen: 109.94 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:104 Resp: 1419836

Ion	Ratio	Lower	Upper
104	100		
78	41.6	10.4	70.4
103	47.7	17.6	77.6

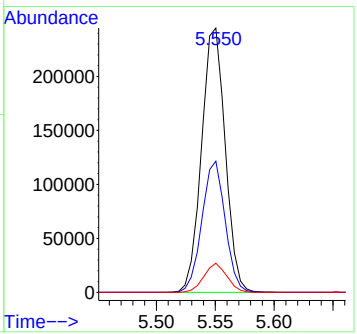


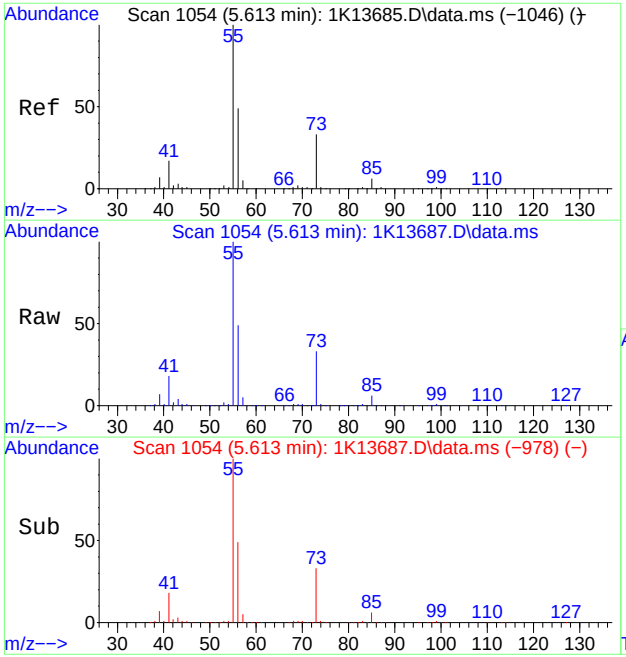


#91
bromoform
Concen: 129.16 ug/L
RT: 5.550 min Scan# 1042
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:173 Resp: 343258

Ion	Ratio	Lower	Upper
173	100		
175	49.6	17.2	77.2
254	11.0	0.0	39.9

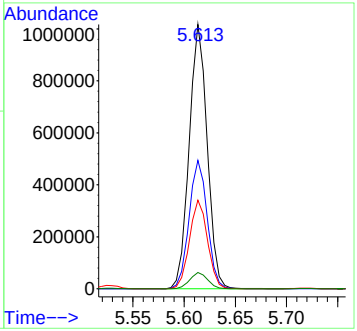


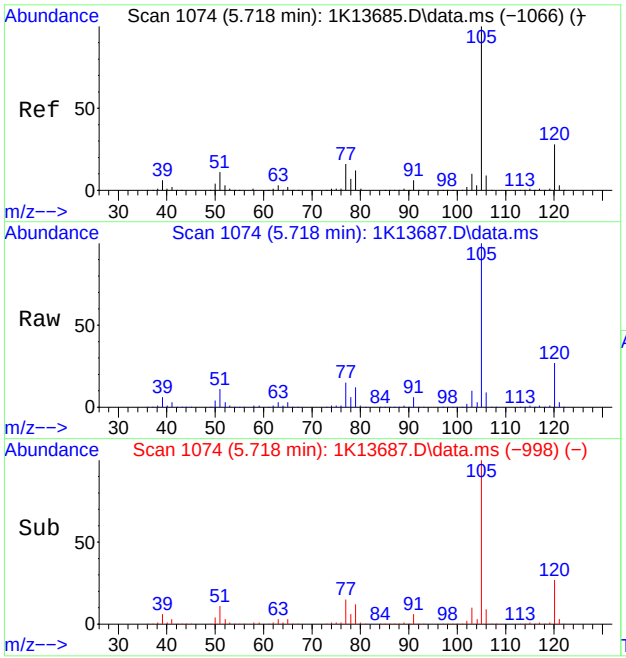


#92
butyl acrylate
Concen: 117.72 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 55 Resp: 1251440

Ion	Ratio	Lower	Upper
55	100		
56	48.5	19.4	79.4
73	33.5	3.4	63.4
85	6.2	0.0	36.1

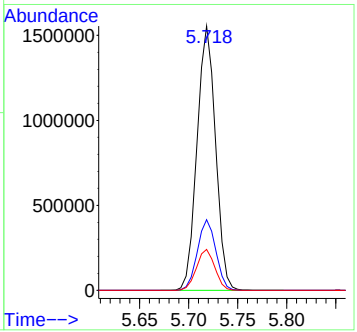


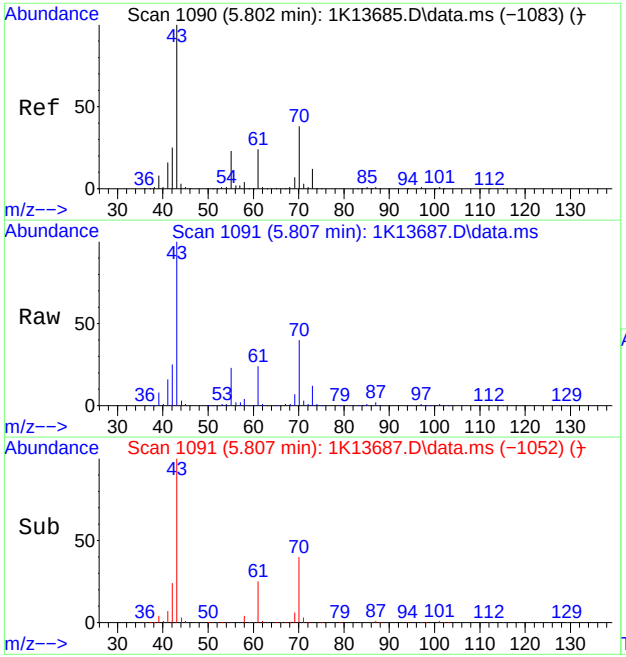


#93
isopropylbenzene
Concen: 108.85 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:105 Resp: 2041331

Ion	Ratio	Lower	Upper
105	100		
120	26.7	7.6	47.6
77	15.5	0.0	35.6

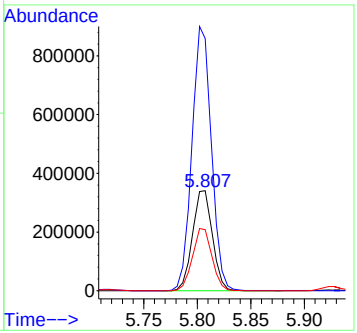


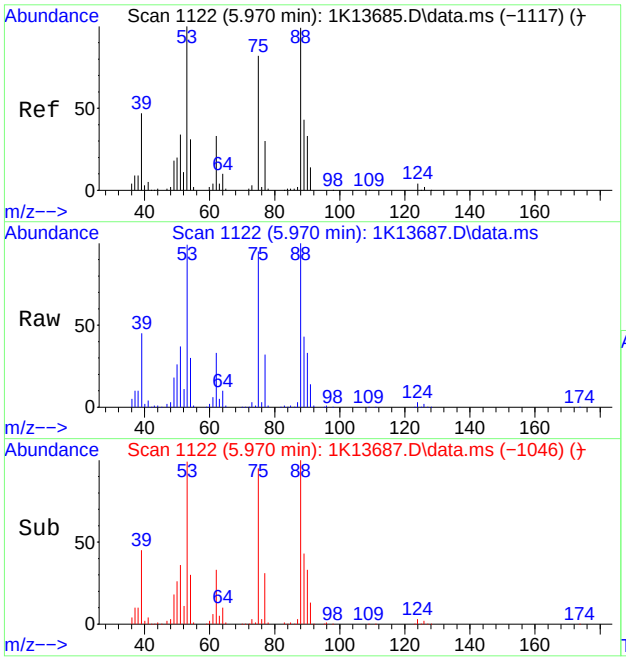


#94
n-amyl acetate
Concen: 115.37 ug/L
RT: 5.807 min Scan# 1091
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 70 Resp: 442815

Ion	Ratio	Lower	Upper
70	100		
43	251.8	241.4	281.4
61	60.9	43.1	83.1

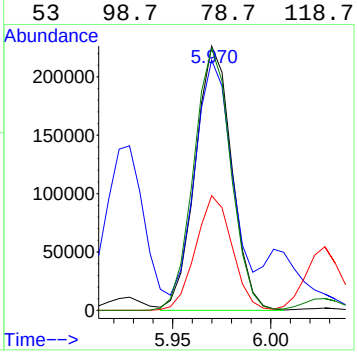


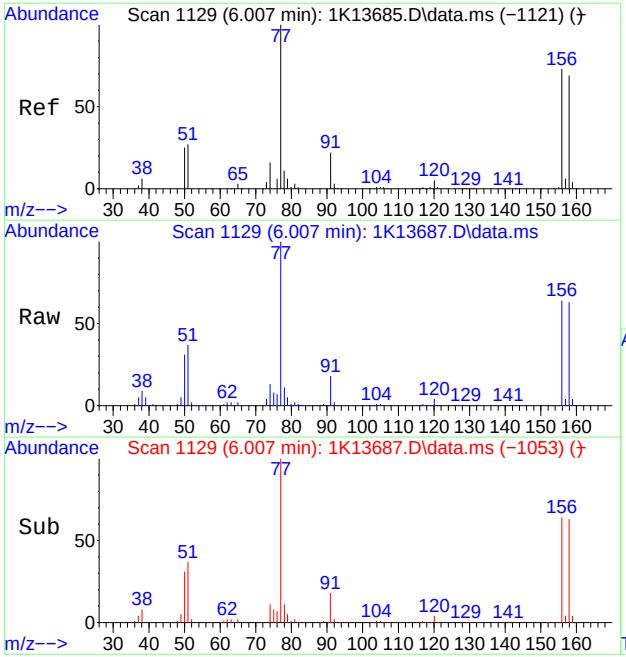


#95
cis-1,4-dichloro-2-butene
Concen: 133.33 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 88 Resp: 292915

Ion	Ratio	Lower	Upper
88	100		
75	86.9	61.4	101.4
89	43.2	22.1	62.1
53	98.7	78.7	118.7

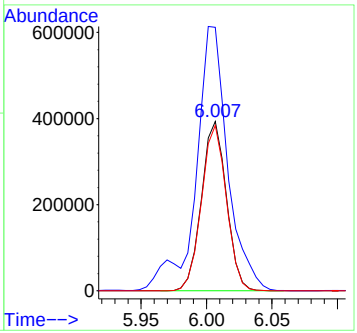


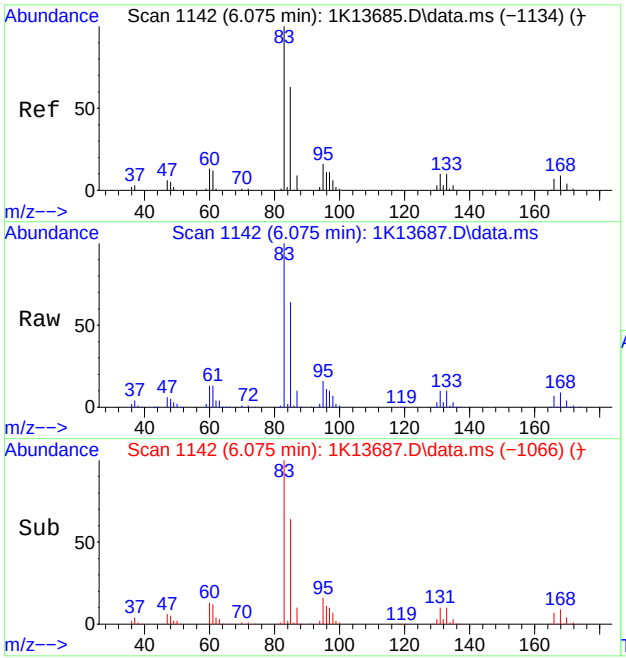


#98
bromobenzene
Concen: 104.38 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:156 Resp: 523774

Ion	Ratio	Lower	Upper
156	100		
77	155.4	121.4	181.4
158	97.6	64.8	124.8

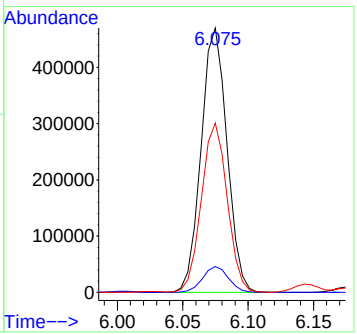


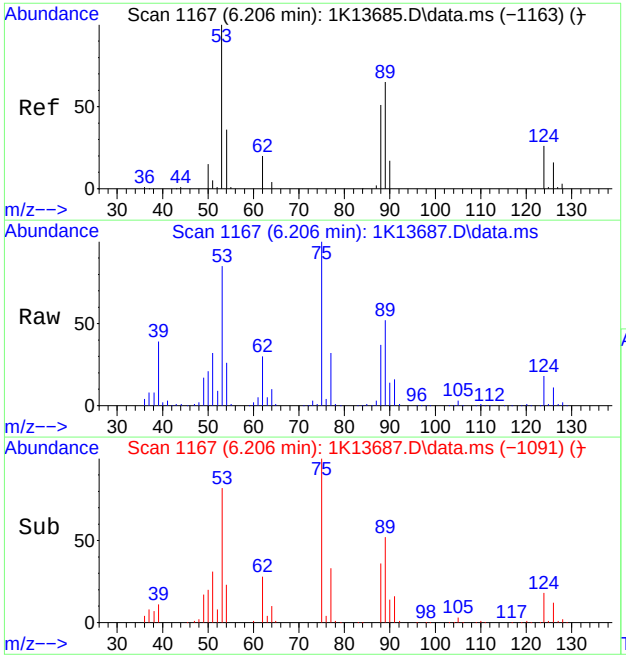


#99
1,1,2,2-tetrachloroethane
Concen: 115.60 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 83 Resp: 648171

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	40.4
85	63.7	33.3	93.3

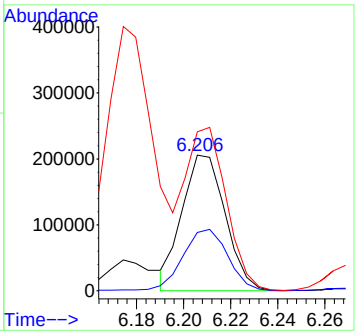


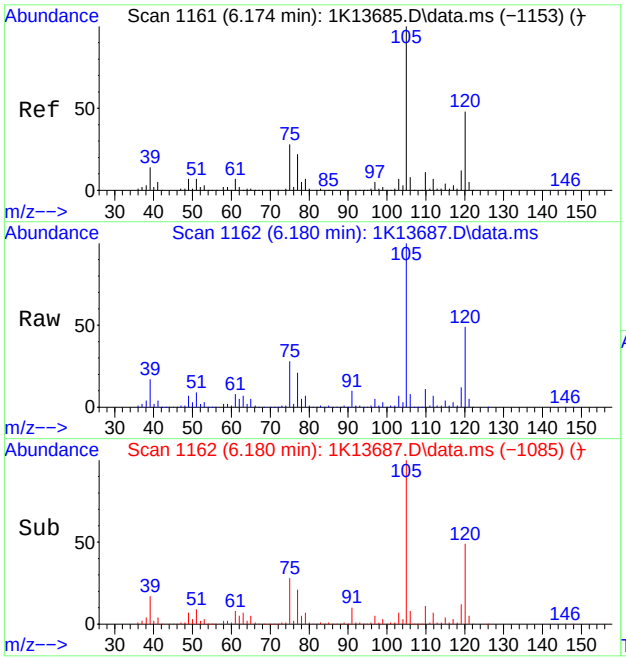


#100
trans-1,4-dichloro-2-butene
Concen: 116.36 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 53 Resp: 263626

Ion	Ratio	Lower	Upper
53	100		
88	43.1	15.0	75.0
75	117.0	88.4	148.4

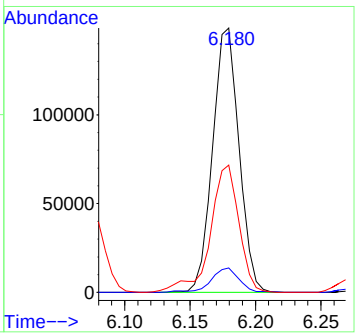


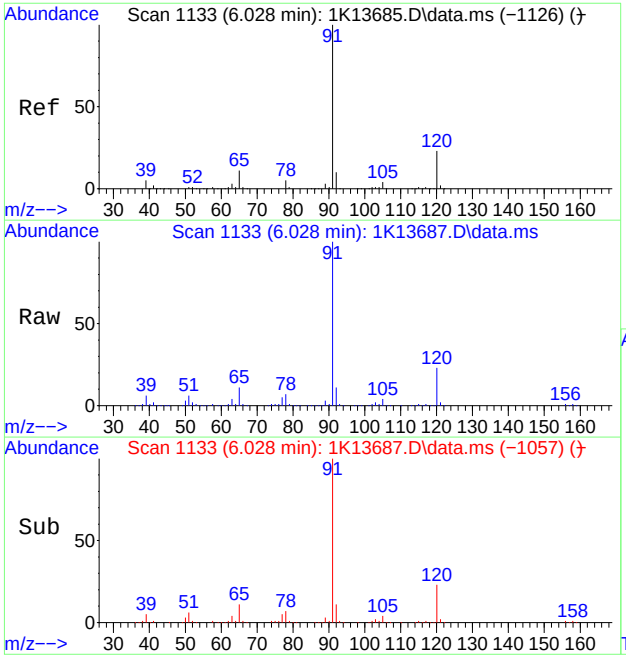


#101
1,2,3-trichloropropane
Concen: 111.60 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:110 Resp: 209699

Ion	Ratio	Lower	Upper
110	100		
111	9.2	0.0	40.4
97	48.1	19.6	79.6

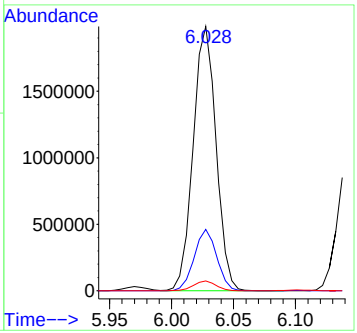


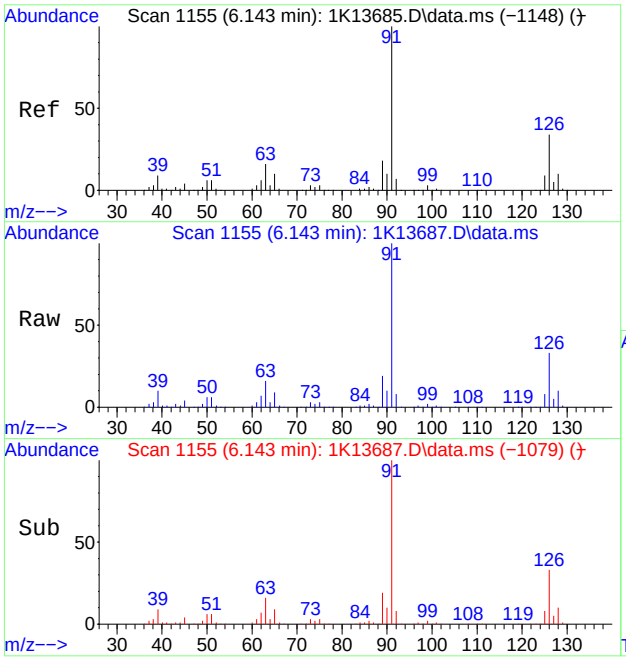


#102
n-propylbenzene
Concen: 106.84 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 91 Resp: 2566182

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	53.1
105	3.7	0.0	33.8

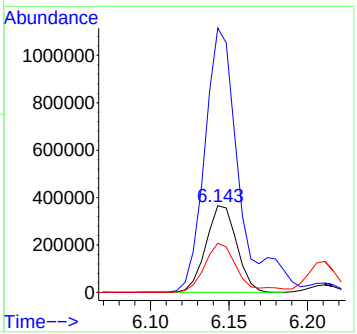


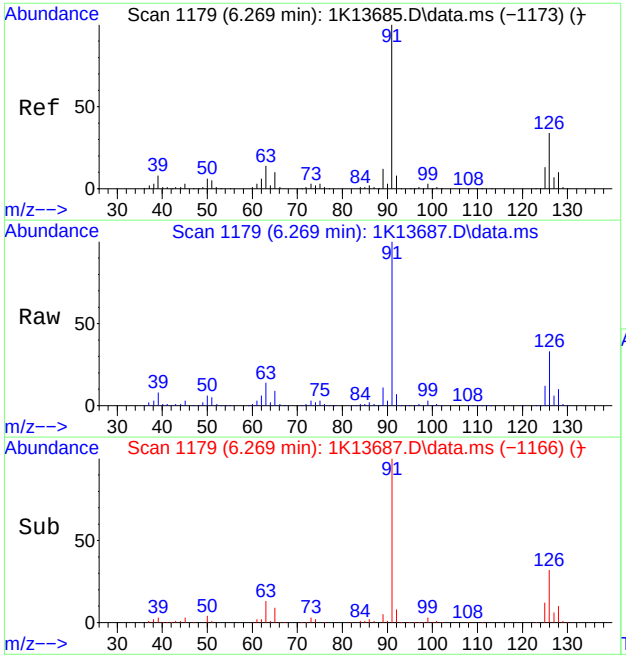


#103
2-chlorotoluene
Concen: 106.73 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:126 Resp: 499382

Ion	Ratio	Lower	Upper
126	100		
91	304.4	265.3	325.3
89	56.7	24.5	84.5

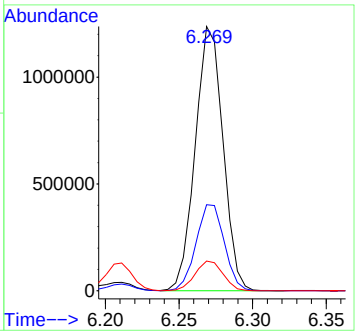


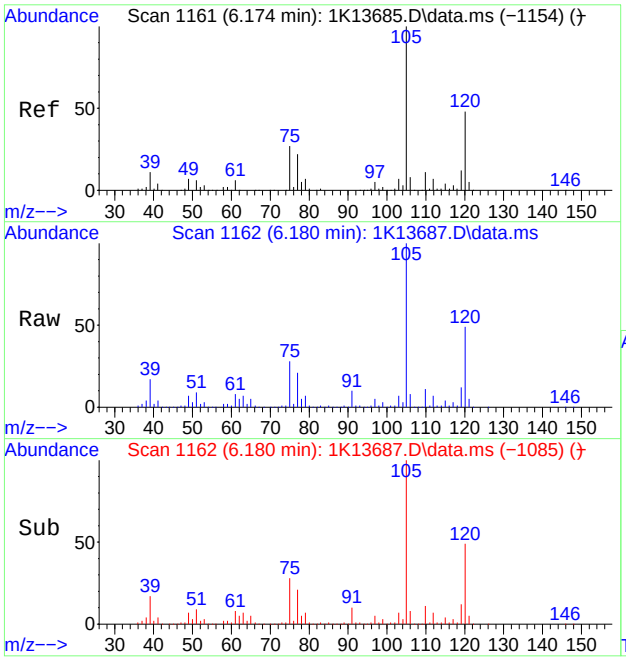


#104
4-chlorotoluene
Concen: 106.03 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 91 Resp: 1615212

Ion	Ratio	Lower	Upper
91	100		
126	32.6	3.8	63.8
89	11.3	0.0	41.7

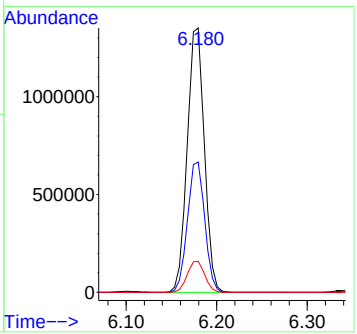


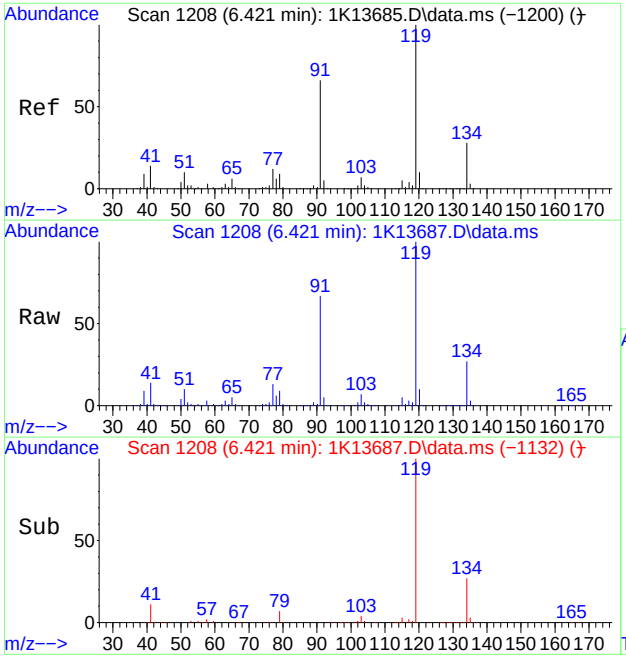


#105
1,3,5-trimethylbenzene
Concen: 108.48 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:105 Resp: 1779046

Ion	Ratio	Lower	Upper
105	100		
120	49.3	18.3	78.3
119	11.7	0.0	42.2

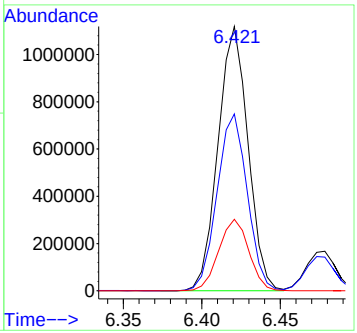


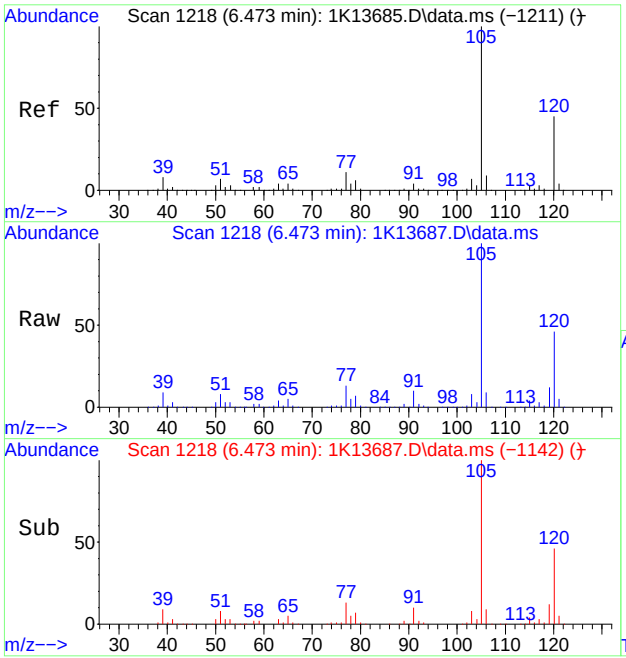


#106
tert-butylbenzene
Concen: 108.25 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:119 Resp: 1488138

Ion	Ratio	Lower	Upper
119	100		
91	66.9	36.3	96.3
134	27.0	0.0	57.5

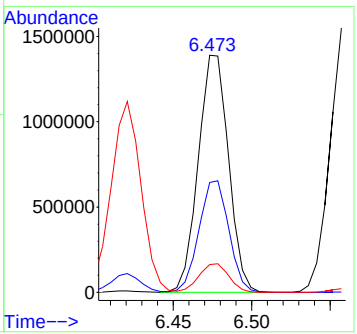


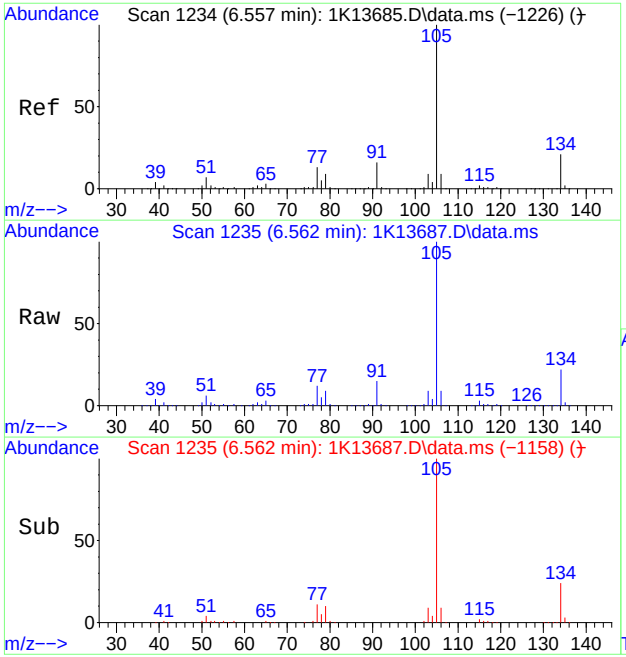


#107
1,2,4-trimethylbenzene
Concen: 109.99 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:105 Resp: 1867089

Ion	Ratio	Lower	Upper
105	100		
120	46.3	16.6	76.6
119	11.7	0.0	41.7

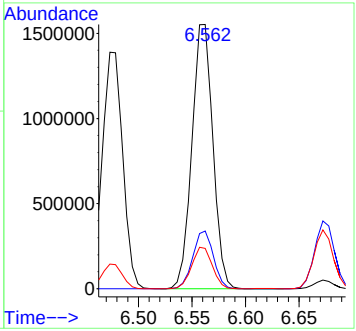


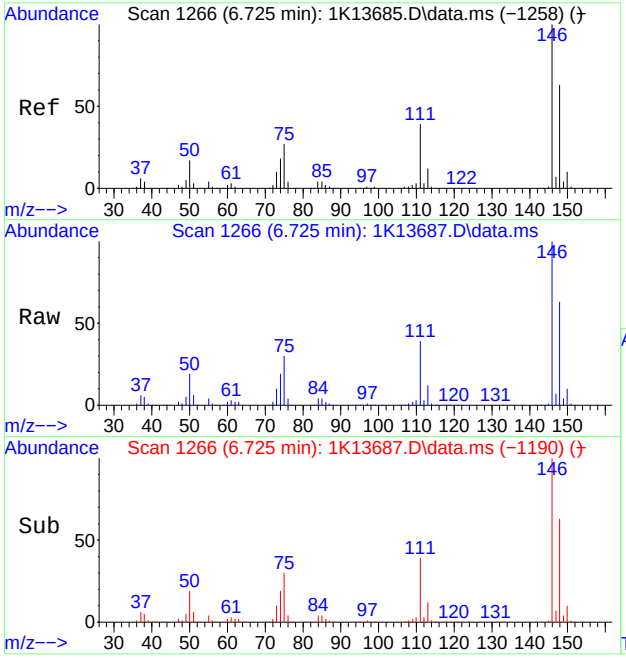


#108
sec-butylbenzene
Concen: 109.56 ug/L
RT: 6.562 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:105 Resp: 2119096

Ion	Ratio	Lower	Upper
105	100		
134	21.8	0.0	50.7
91	15.3	0.0	45.7

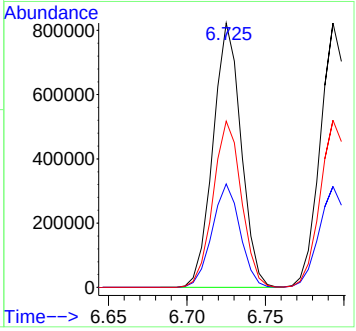


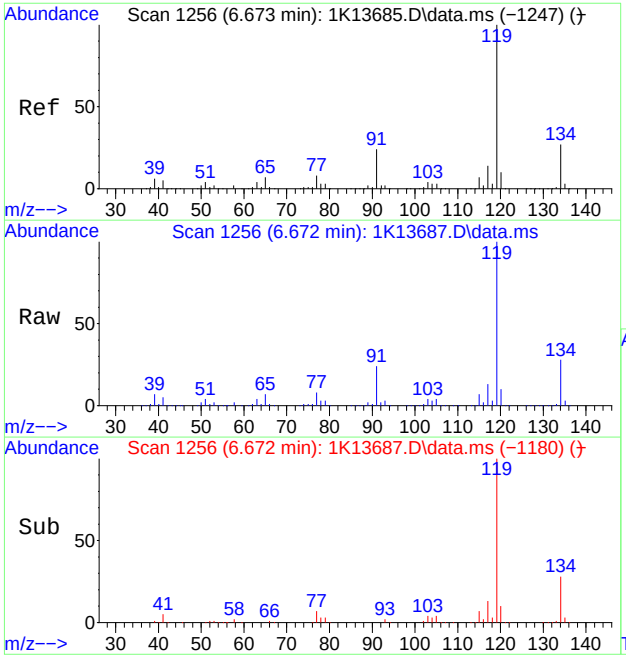


#109
1,3-dichlorobenzene
Concen: 105.39 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:146 Resp: 1024257

Ion	Ratio	Lower	Upper
146	100		
111	39.1	8.8	68.8
148	62.9	33.3	93.3

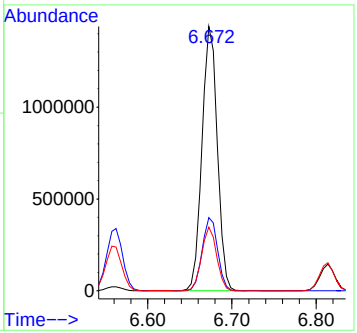


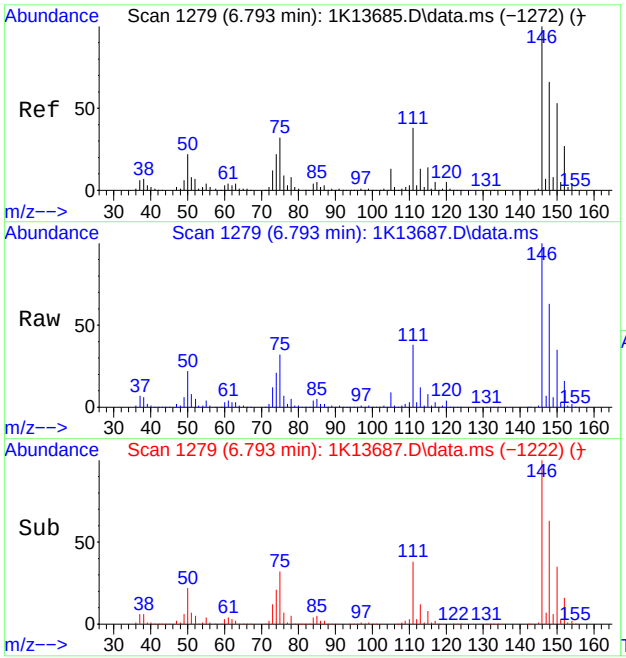


#110
p-isopropyltoluene
Concen: 111.50 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:119 Resp: 1820794

Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	57.5
91	24.1	0.0	53.9

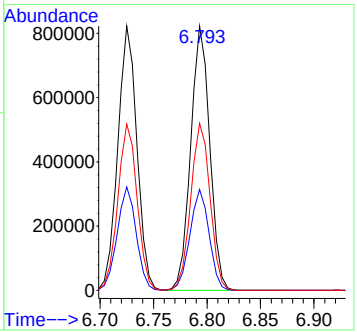


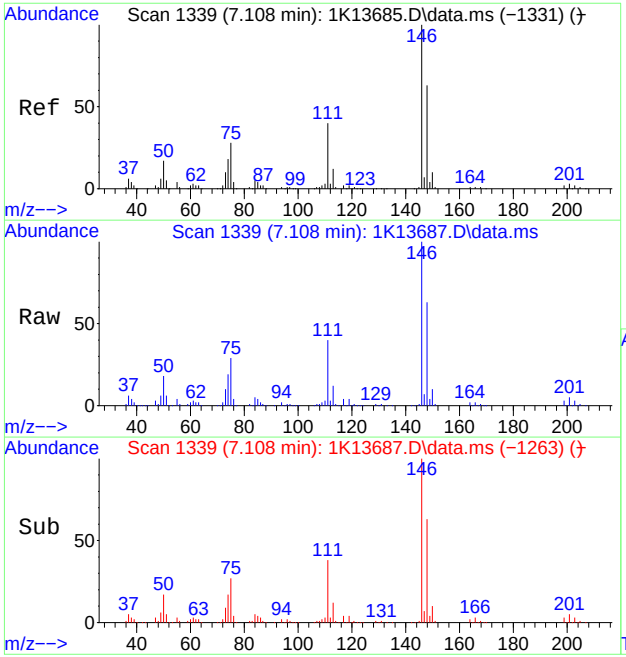


#111
1,4-dichlorobenzene
Concen: 103.69 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:146 Resp: 1021261

Ion	Ratio	Lower	Upper
146	100		
111	38.2	7.8	67.8
148	63.2	35.5	95.5

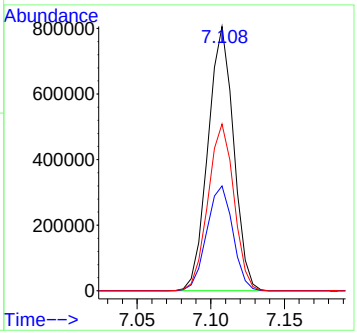


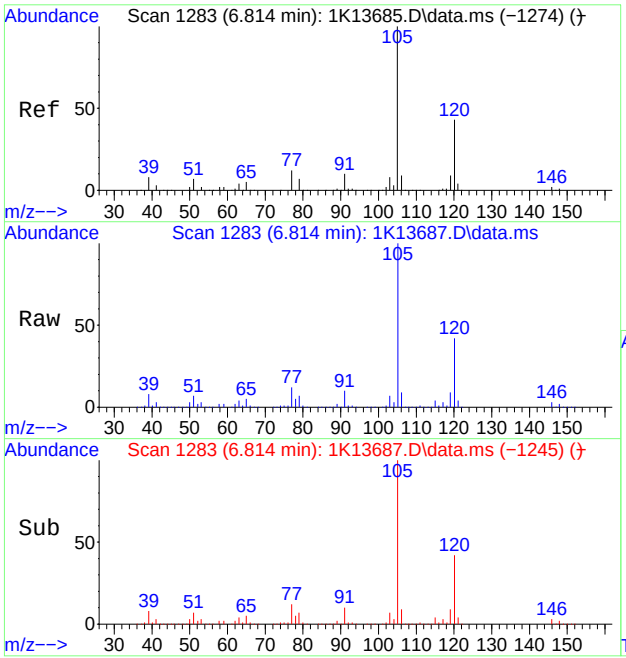


#112
1,2-dichlorobenzene
Concen: 106.00 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:146 Resp: 977234

Ion	Ratio	Lower	Upper
146	100		
111	39.6	9.5	69.5
148	63.0	32.9	92.9

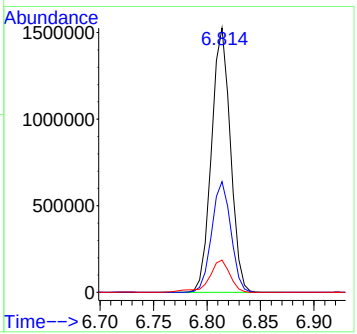


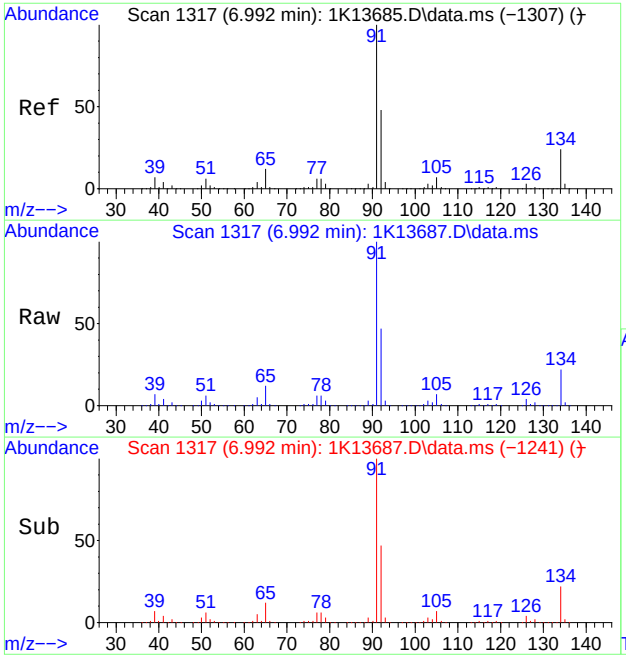


#113
1,2,3-trimethylbenzene
Concen: 106.87 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:105 Resp: 1876613

Ion	Ratio	Lower	Upper
105	100		
120	41.9	13.3	73.3
77	12.3	0.0	42.2

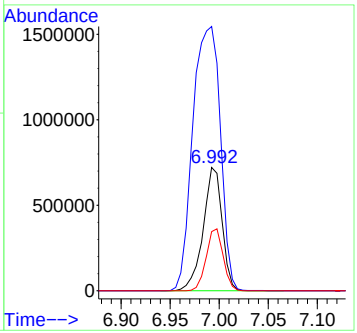


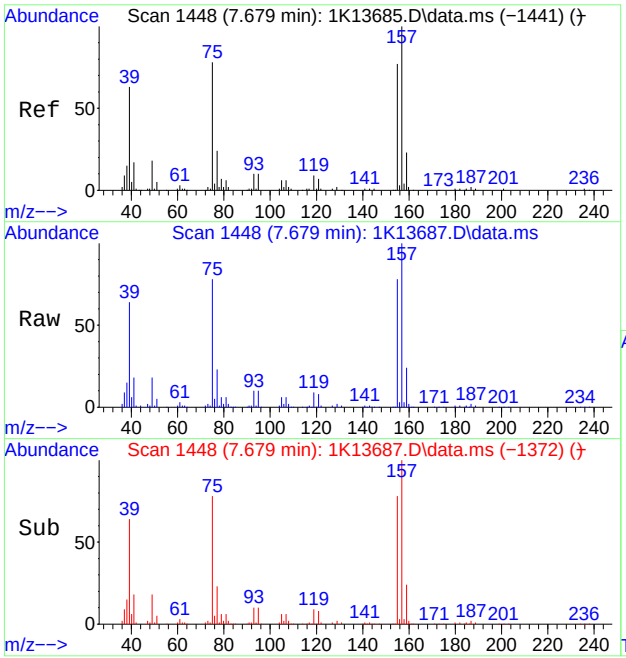


#114
n-butylbenzene
Concen: 111.67 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion: 92 Resp: 973108

Ion	Ratio	Lower	Upper
92	100		
91	214.2	176.9	236.9
134	48.0	18.8	78.8

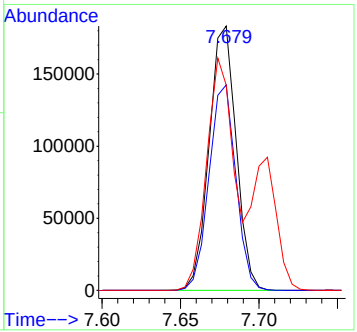


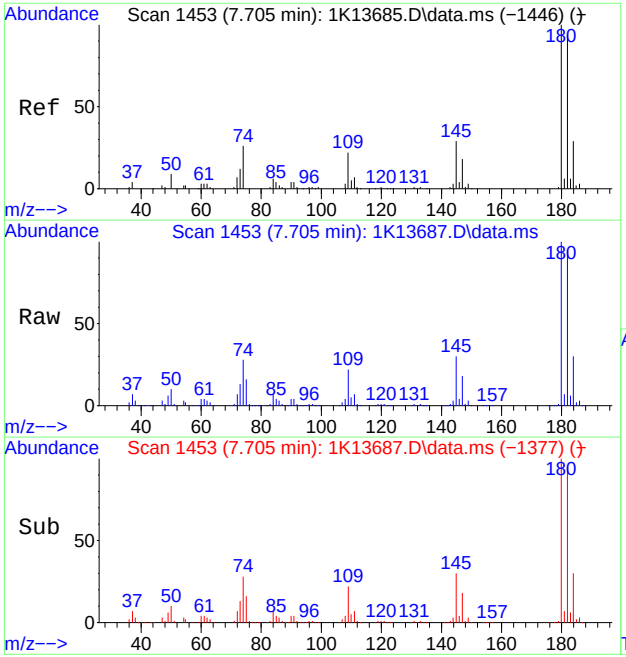


#115
1,2-dibromo-3-chloropropane
Concen: 120.31 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:157 Resp: 220438

Ion	Ratio	Lower	Upper
157	100		
155	77.7	47.4	107.4
75	77.6	47.7	107.7

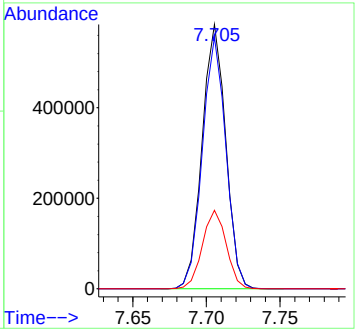


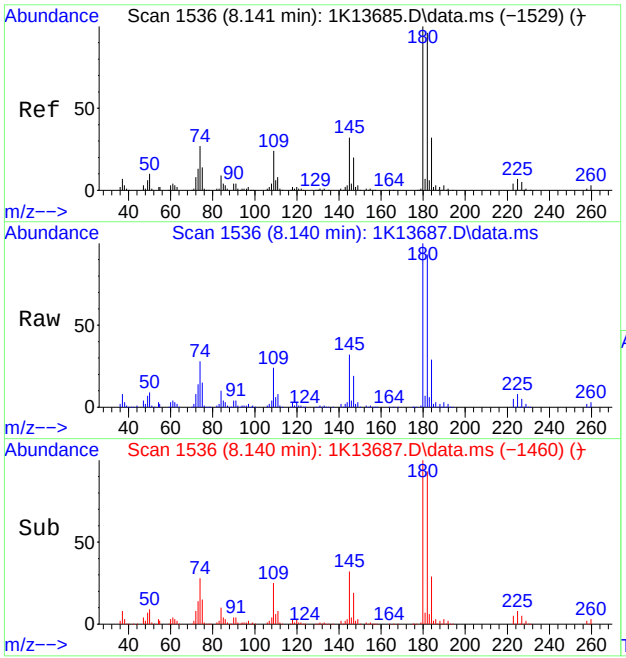


#116
1,3,5-trichlorobenzene
Concen: 106.46 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:180 Resp: 649439

Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.2	114.2
184	29.7	9.3	49.3

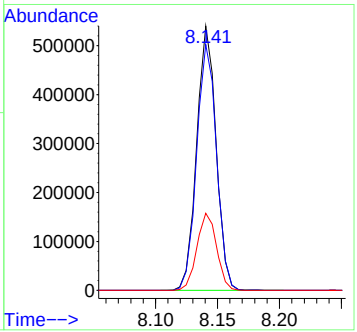


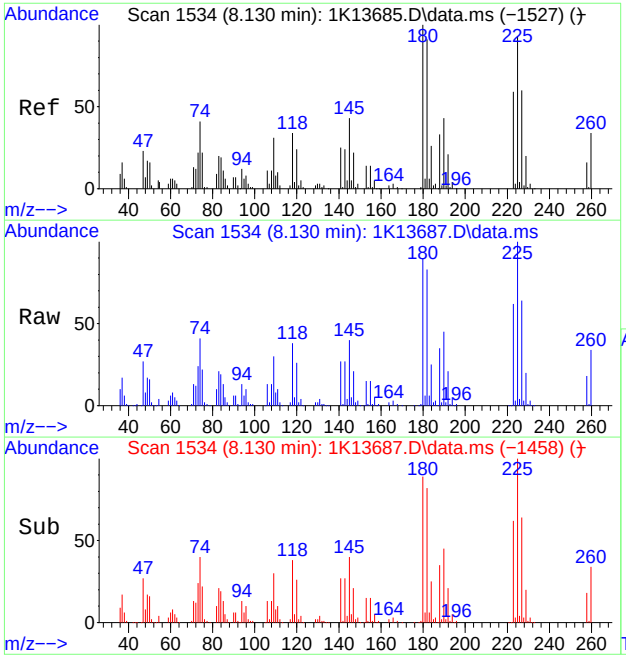


#117
1,2,4-trichlorobenzene
Concen: 106.96 ug/L
RT: 8.140 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:180 Resp: 589279

Ion	Ratio	Lower	Upper
180	100		
182	93.0	66.2	126.2
184	29.2	1.6	61.6

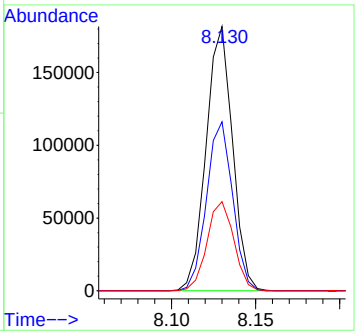


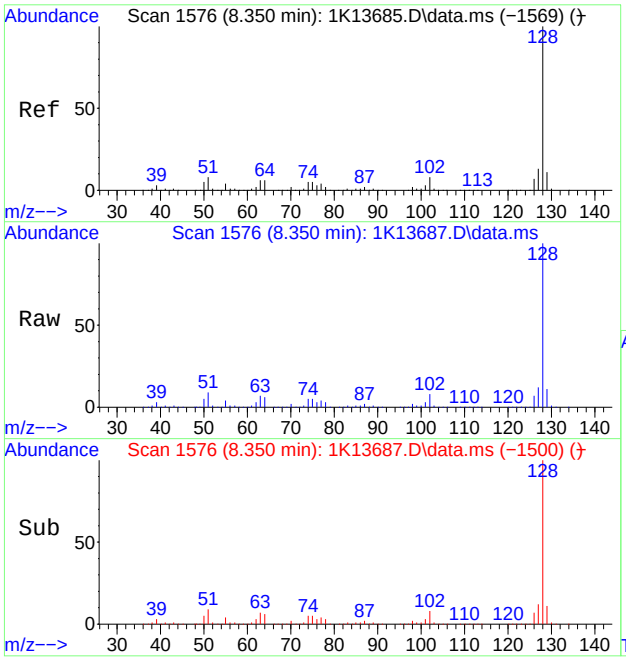


#118
hexachlorobutadiene
Concen: 102.33 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:225 Resp: 198834

Ion	Ratio	Lower	Upper
225	100		
227	63.9	34.0	94.0
260	33.7	6.4	66.4

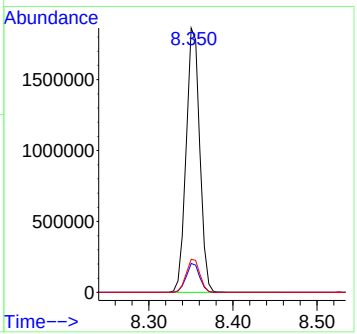


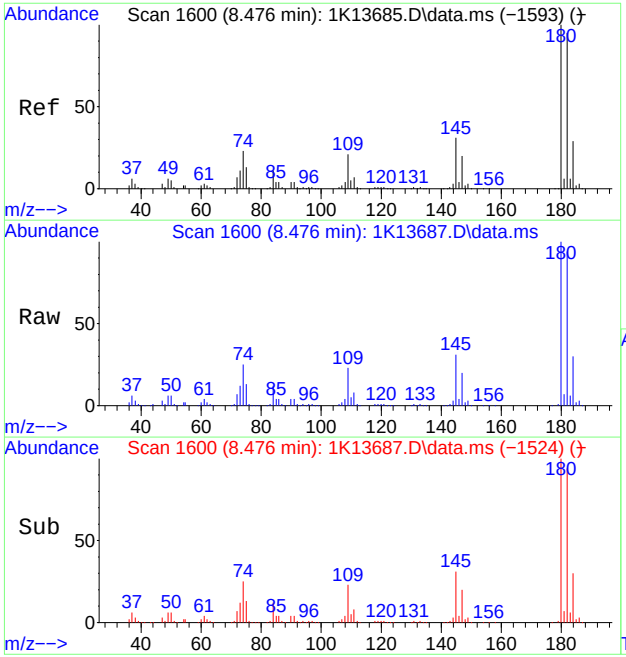


#119
naphthalene
Concen: 109.58 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:128 Resp: 2091777

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.7
127	12.5	0.0	42.5

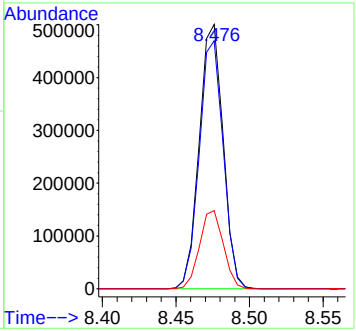


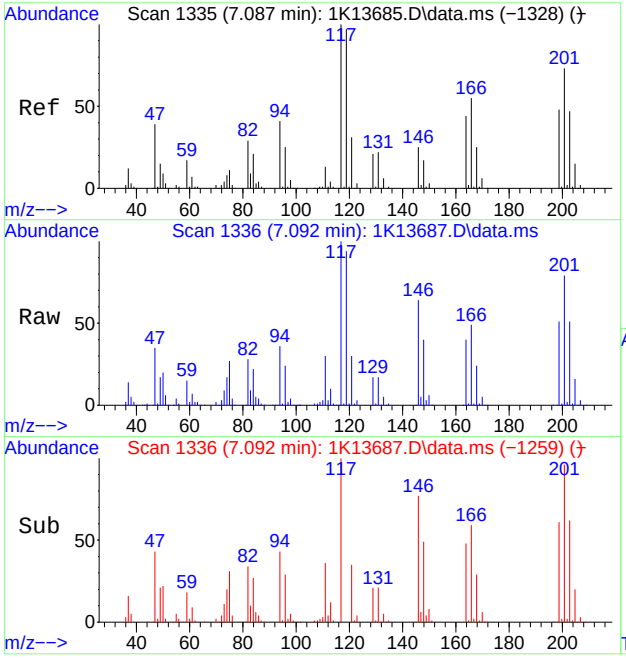


#120
1,2,3-trichlorobenzene
Concen: 110.25 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:180 Resp: 564422

Ion	Ratio	Lower	Upper
180	100		
182	93.8	64.7	124.7
184	29.6	0.0	59.2

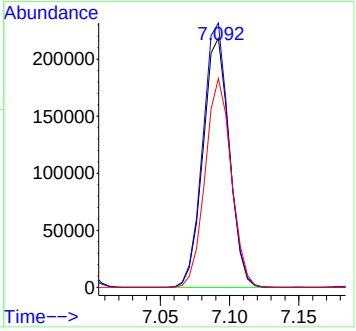


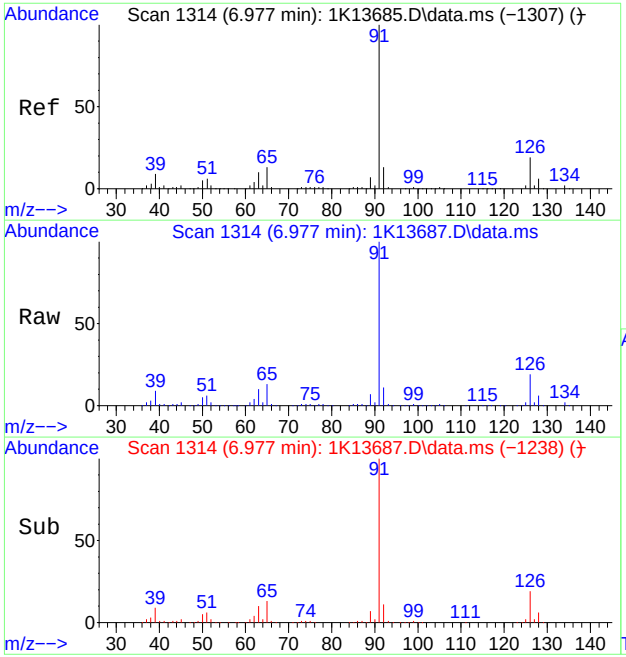


#121
hexachloroethane
Concen: 132.33 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:119 Resp: 288888

Ion	Ratio	Lower	Upper
119	100		
117	106.1	73.4	133.4
201	83.8	45.3	105.3

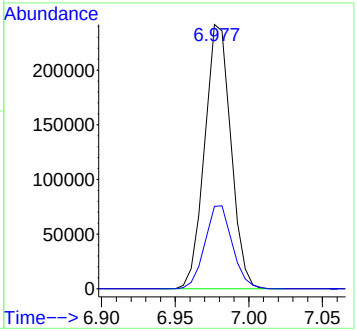


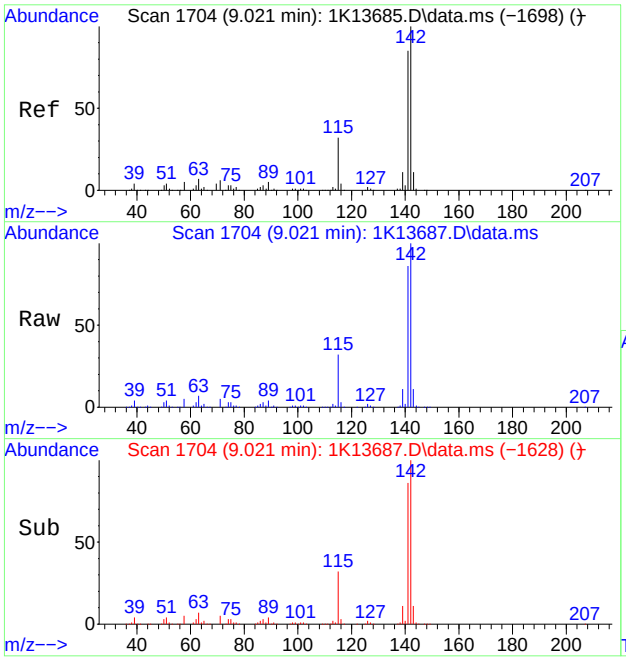


#122
benzyl chloride
Concen: 120.76 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:126 Resp: 299771

Ion	Ratio	Lower	Upper
126	100		
128	31.2	2.6	62.6

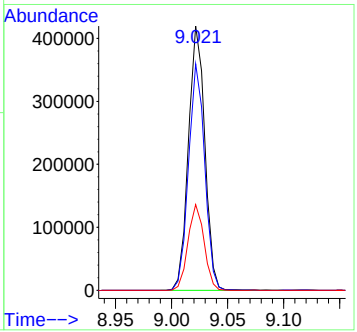




#123
2-methylnaphthalene
Concen: 54.39 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13687.D
Acq: 2 Dec 2023 6:05 pm

Tgt Ion:142 Resp: 426976

Ion	Ratio	Lower	Upper
142	100		
141	85.6	55.2	115.2
115	32.5	1.8	61.8



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/05/23 11:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13689.D
Acq On : 2 Dec 2023 6:37 pm
Operator : PrashanS
Sample : IC376-200
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 04 16:05:27 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.064	65	620463	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	501479	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	973148	50.00	ug/L		0.00
72) chlorobenzene-d5	5.063	117	812613	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	398505	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	501479	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	398505	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.772	113	266026	52.74	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 105.48%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	317590	50.63	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 101.26%				
73) toluene-d8 (s)	4.061	98	1138282	51.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.34%				
97) 4-bromofluorobenzene (s)	5.928	95	405605	51.77	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 103.54%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.101	59	1412565	861.26	ug/L		62
4) 1,4-dioxane	3.747	88	560574	4413.95	ug/L		93
6) chlorodifluoromethane	1.115	51	1296833	201.58	ug/L		99
7) dichlorodifluoromethane	1.089	85	858393	216.13	ug/L		100
8) chloromethane	1.194	50	901900	205.60	ug/L		98
9) vinyl chloride	1.225	62	1092839	217.89	ug/L		98
10) 1,3-butadiene	1.236	39	1017762	193.57	ug/L		98
11) bromomethane	1.372	96	221206	251.62	ug/L	#	94
13) trichlorofluoromethane	1.482	101	787178	136.21	ug/L		99
14) ethyl ether	1.608	74	365683	149.54	ug/L		95
15) acrolein	1.859	56	267547	228.85	ug/L		99
16) freon 113	1.713	151	546874	175.74	ug/L		95
17) 1,1-dichloroethene	1.707	61	1271903	207.80	ug/L		95
18) acetone	1.985	58	825394m	841.58	ug/L		
19) acetonitrile	2.200	41	1110287	1286.72	ug/L		98
20) iodomethane	1.786	142	677911	305.91	ug/L		98
21) carbon disulfide	1.739	76	2295555	197.49	ug/L		95
22) methylene chloride	1.964	84	926624	210.37	ug/L		99
23) methyl acetate	2.027	74	264734	241.29	ug/L	#	6
24) methyl tert butyl ether	2.074	73	2939361	229.27	ug/L		78
25) trans-1,2-dichloroethene	2.032	96	881881	214.41	ug/L		94
26) hexane	2.064	57	2445658	224.77	ug/L	#	73
27) di-isopropyl ether	2.232	45	3356126	243.77	ug/L		99
28) ethyl tert-butyl ether	2.399	59	3471539	240.89	ug/L		97
29) 2-butanone	2.824	72	1018840	965.51	ug/L		98
30) 1,1-dichloroethane	2.310	63	1846367	228.28	ug/L		100
31) chloroprene	2.300	53	1810040	236.68	ug/L		99
32) acrylonitrile	2.337	52	525954	239.80	ug/L		98
33) vinyl acetate	2.405	86	226992	227.10	ug/L	#	93
34) ethyl acetate	2.719	70	165154	243.02	ug/L		93
35) 2,2-dichloropropane	2.614	77	1441835	220.39	ug/L		100
36) cis-1,2-dichloroethene	2.557	96	993063	215.32	ug/L		97
37) propionitrile	2.981	54	3087046	2318.08	ug/L		91
38) methyl acrylate	2.730	85	268527	233.17	ug/L	#	88
39) bromochloromethane	2.656	128	427492	209.38	ug/L		97
40) tetrahydrofuran	2.766	71	201830	206.80	ug/L		95
41) chloroform	2.677	47	554676	210.96	ug/L		98
43) methacrylonitrile	2.987	67	590483m	210.49	ug/L		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13689.D
Acq On : 2 Dec 2023 6:37 pm
Operator : PrashanS
Sample : IC376-200
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 04 16:05:27 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,1,1-trichloroethane	2.793	97	1521697	228.89	ug/L		98
45) cyclohexane	2.667	84	1630617	221.65	ug/L		91
46) 1,1-dichloropropene	2.850	75	1403282	234.16	ug/L		99
47) carbon tetrachloride	2.761	117	1290958	221.79	ug/L		99
48) isobutyl alcohol	3.013	43	1692598	1818.81	ug/L		92
49) tert-amyl alcohol	3.097	55	587427	1293.04	ug/L		89
52) iso-octane	2.898	57	3346836	227.91	ug/L		96
53) benzene	2.976	78	3946112	206.39	ug/L		94
54) tert-amyl methyl ether	3.013	73	3135721	215.86	ug/L		95
55) heptane	2.934	57	579107	213.75	ug/L		98
56) isopropyl acetate	3.170	87	325212	237.46	ug/L	#	90
57) 1,2-dichloroethane	3.076	62	1371844	199.45	ug/L		99
59) ethyl acrylate	3.537	55	2017504	238.50	ug/L		100
60) trichloroethene	3.275	130	1016172	211.10	ug/L		97
62) 2-chloroethyl vinyl ether	3.899	63	3110524	1359.20	ug/L		98
63) methyl methacrylate	3.653	100	362395	238.00	ug/L		94
64) 1,2-dichloropropane	3.558	63	1057507	215.85	ug/L		100
65) methylcyclohexane	3.275	98	812241	219.35	ug/L	#	93
66) dibromomethane	3.506	93	581335	206.93	ug/L		97
67) bromodichloromethane	3.584	83	1286323	216.81	ug/L		99
68) epichlorohydrin	4.093	57	1092219	1103.52	ug/L		96
69) cis-1,3-dichloropropene	3.946	75	1710664	229.06	ug/L		98
70) 4-methyl-2-pentanone	4.313	58	2595710	941.17	ug/L		99
74) toluene	4.093	92	2391850	205.06	ug/L		100
75) ethyl methacrylate	4.428	69	1434822	219.37	ug/L		99
76) trans-1,3-dichloropropene	4.339	75	1569055	222.79	ug/L		99
77) 1,1,2-trichloroethane	4.444	83	731633	215.31	ug/L		97
78) tetrachloroethene	4.339	166	943960	199.71	ug/L		98
79) 2-hexanone	4.853	58	2838345	902.98	ug/L		96
80) 1,3-dichloropropane	4.622	76	1622501	217.23	ug/L		99
81) butyl acetate	4.785	56	959978	226.13	ug/L		98
82) dibromochloromethane	4.565	129	989011	241.54	ug/L		99
83) 1,2-dibromoethane	4.727	107	958064	223.28	ug/L		100
84) n-butyl ether	4.995	57	5003233	224.39	ug/L		98
85) chlorobenzene	5.073	112	2538231	205.29	ug/L		99
86) 1,1,1,2-tetrachloroethane	5.115	131	942021	234.67	ug/L		98
87) ethylbenzene	5.089	91	4609986	197.49	ug/L		99
88) m,p-xylene	5.189	106	3554769	410.02	ug/L		97
89) o-xylene	5.493	106	1736124	211.32	ug/L		98
90) styrene	5.530	104	2920040	216.35	ug/L		98
91) bromoform	5.551	173	741682	260.49	ug/L		100
92) butyl acrylate	5.619	55	2620471	233.86	ug/L		99
93) isopropylbenzene	5.718	105	4223195	215.74	ug/L		98
94) n-amyl acetate	5.807	70	906711	224.24	ug/L		96
95) cis-1,4-dichloro-2-butene	5.975	88	623029	263.37	ug/L		95
98) bromobenzene	6.007	156	1070816	209.16	ug/L		95
99) 1,1,2,2-tetrachloroethane	6.075	83	1333080	230.17	ug/L		99
100) trans-1,4-dichloro-2-b...	6.211	53	561003	238.99	ug/L		98
101) 1,2,3-trichloropropane	6.180	110	433670	224.06	ug/L		98
102) n-propylbenzene	6.028	91	5267417	214.37	ug/L		97
103) 2-chlorotoluene	6.148	126	1015961	212.27	ug/L		99
104) 4-chlorotoluene	6.274	91	3325189	213.55	ug/L		98
105) 1,3,5-trimethylbenzene	6.180	105	3615760	215.11	ug/L		99
106) tert-butylbenzene	6.421	119	3043739	216.09	ug/L		98
107) 1,2,4-trimethylbenzene	6.479	105	3835823	220.12	ug/L		98
108) sec-butylbenzene	6.562	105	4375073	220.43	ug/L		99
109) 1,3-dichlorobenzene	6.730	146	2086413	210.19	ug/L		99
110) p-isopropyltoluene	6.678	119	3732243	222.25	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13689.D
Acq On : 2 Dec 2023 6:37 pm
Operator : PrashanS
Sample : IC376-200
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 04 16:05:27 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,4-dichlorobenzene	6.793	146	2063436	205.39	ug/L	97
112) 1,2-dichlorobenzene	7.108	146	1951014	207.06	ug/L	99
113) 1,2,3-trimethylbenzene	6.814	105	3792867	211.12	ug/L	98
114) n-butylbenzene	6.998	92	1970314	219.84	ug/L	94
115) 1,2-dibromo-3-chloropr...	7.679	157	454062	238.03	ug/L	96
116) 1,3,5-trichlorobenzene	7.705	180	1278424	204.94	ug/L	100
117) 1,2,4-trichlorobenzene	8.141	180	1163116	206.32	ug/L	98
118) hexachlorobutadiene	8.130	225	389483	196.84	ug/L	98
119) naphthalene	8.356	128	4282305	218.61	ug/L	99
120) 1,2,3-trichlorobenzene	8.476	180	1093979	208.10	ug/L	99
121) hexachloroethane	7.092	119	601734	260.92	ug/L	96
122) benzyl chloride	6.982	126	603115	232.39	ug/L	100
123) 2-methylnaphthalene	9.021	142	847444	105.17	ug/L	100

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

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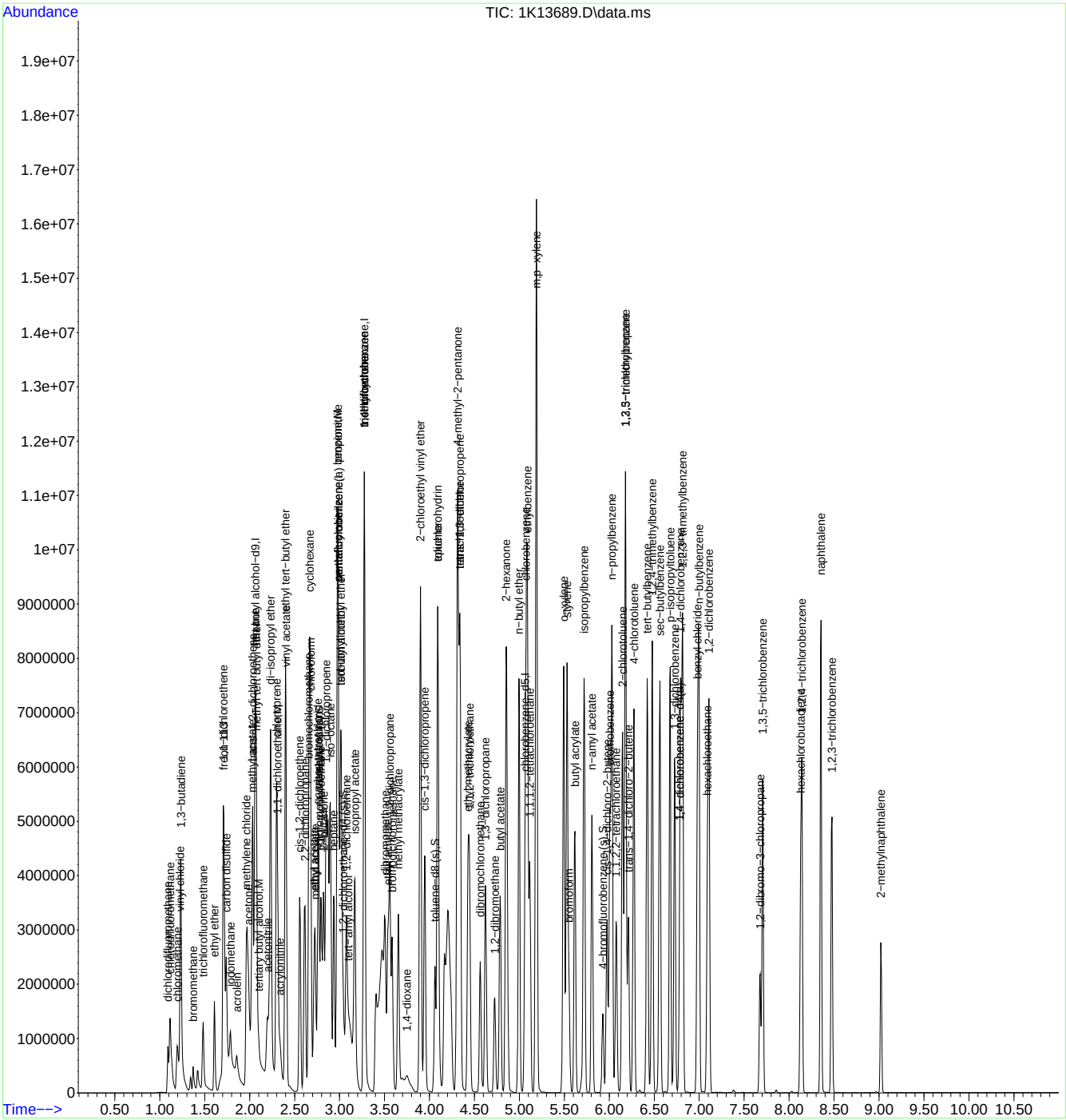
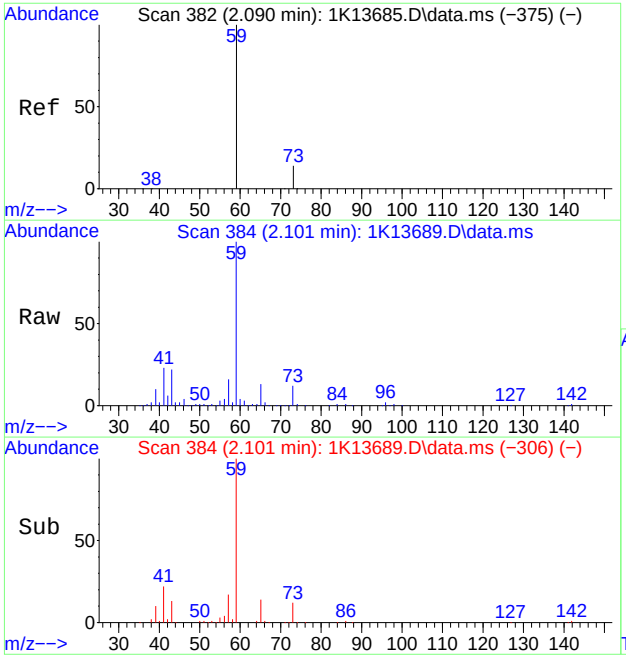
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13689.D
Acq On : 2 Dec 2023 6:37 pm
Operator : PrashanS
Sample : IC376-200
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 04 16:05:27 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 15:44:54 2023
Response via : Initial Calibration

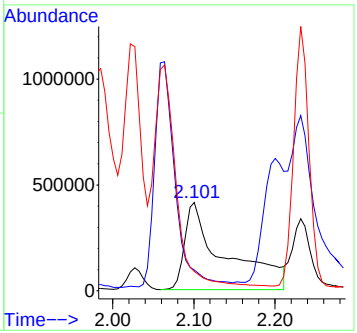


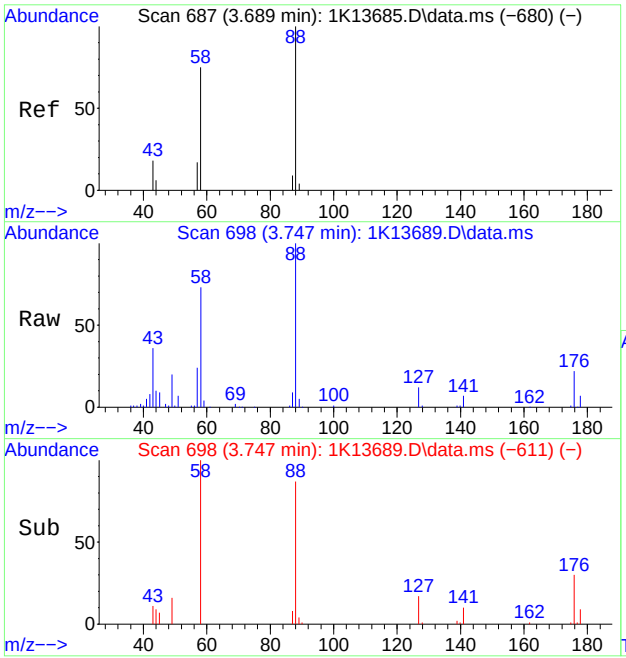


#3
tertiary butyl alcohol
Concen: 861.26 ug/L
RT: 2.101 min Scan# 384
Delta R.T. 0.010 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 59 Resp: 1412565

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	5.8	0.0	54.8

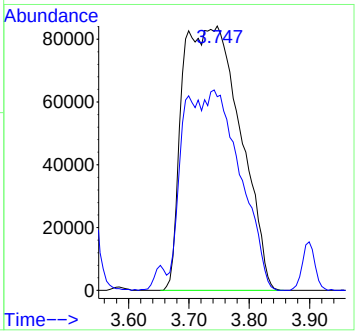


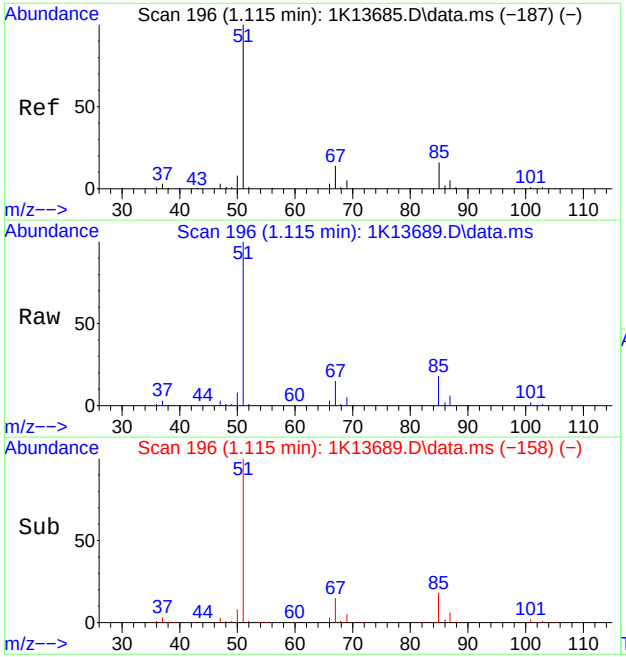


#4
1,4-dioxane
Concen: 4413.95 ug/L
RT: 3.747 min Scan# 698
Delta R.T. 0.058 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 88 Resp: 560574

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.5	99.5

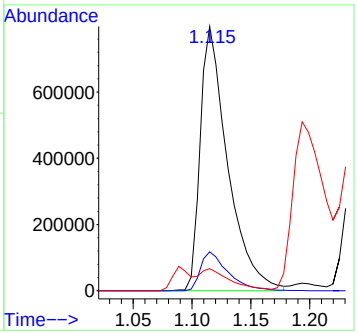


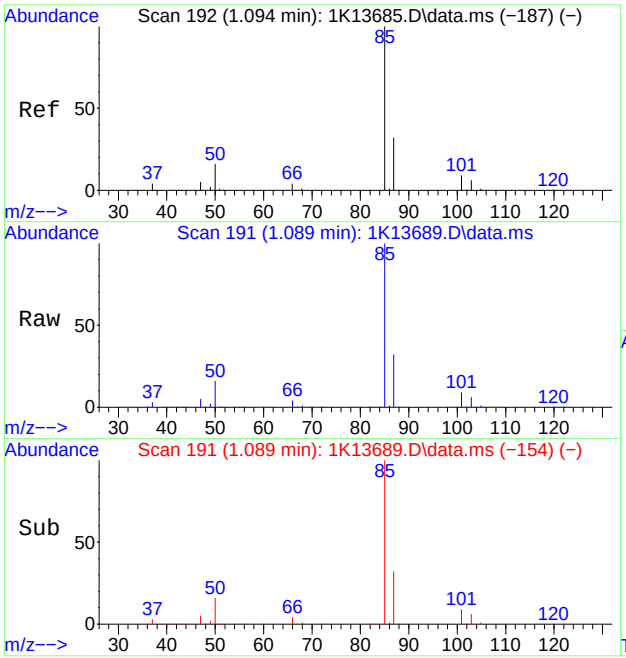


#6
chlorodifluoromethane
Concen: 201.58 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 51 Resp: 1296833

Ion	Ratio	Lower	Upper
51	100		
67	14.7	0.0	44.3
50	8.3	0.0	37.7

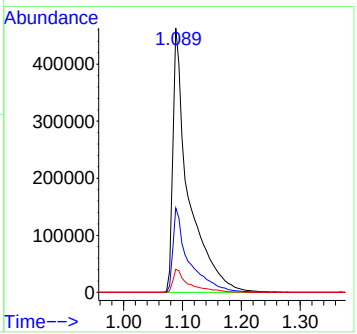




#7
dichlorodifluoromethane
Concen: 216.13 ug/L
RT: 1.089 min Scan# 191
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 85 Resp: 858393

Ion	Ratio	Lower	Upper
85	100		
87	32.0	2.2	62.2
101	8.7	0.0	39.0



7.6.23

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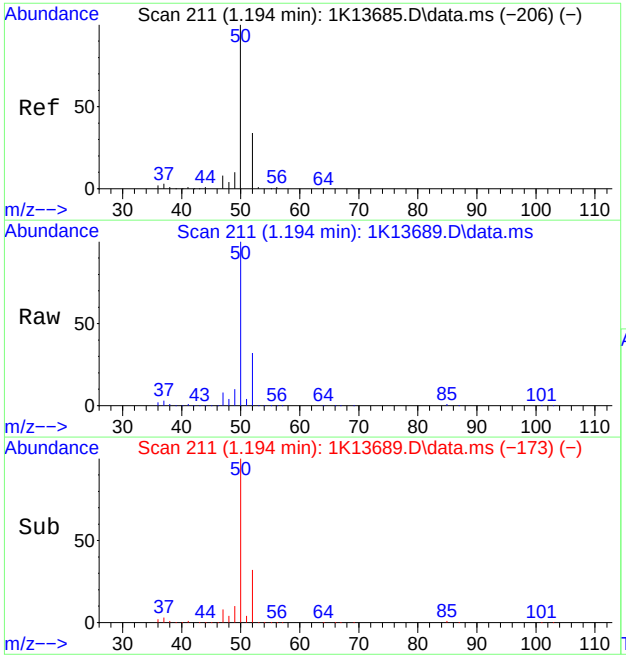
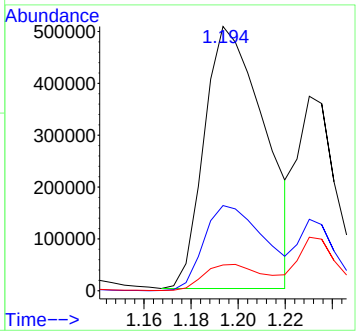
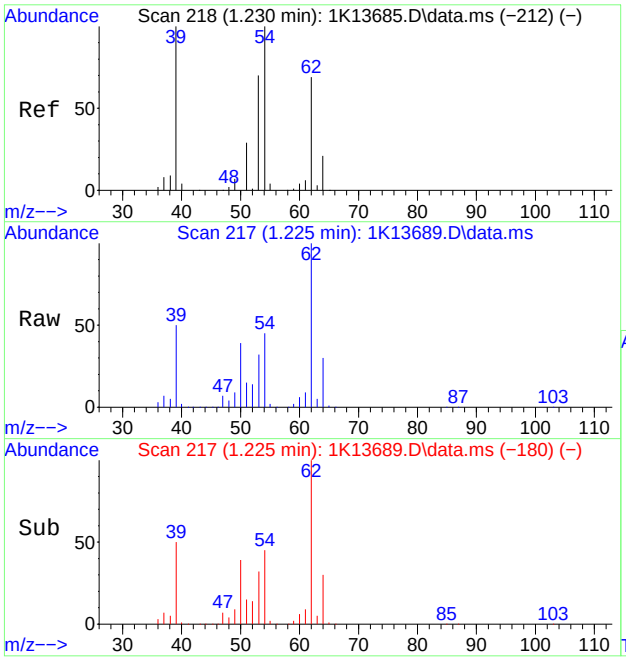


#8
chloromethane
Concen: 205.60 ug/L
RT: 1.194 min Scan# 211
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 50 Resp: 901900

Ion	Ratio	Lower	Upper
50	100		
52	32.4	3.6	63.6
49	9.7	0.0	40.4

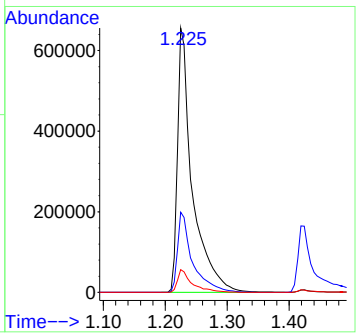


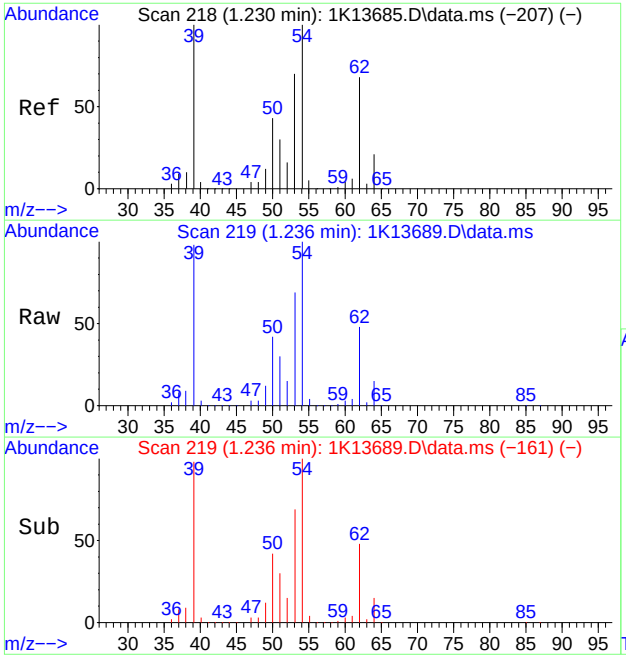


#9
vinyl chloride
Concen: 217.89 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 62 Resp: 1092839

Ion	Ratio	Lower	Upper
62	100		
64	30.3	1.3	61.3
61	8.6	0.0	39.1

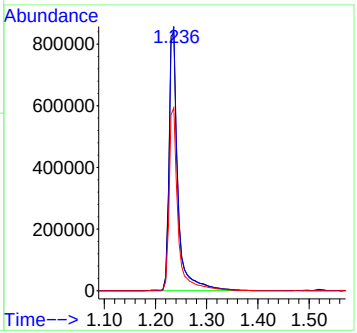


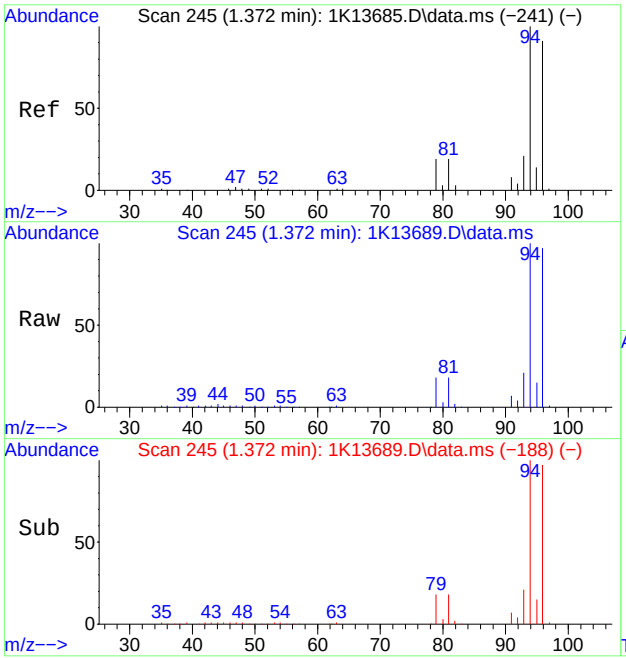


#10
1,3-butadiene
Concen: 193.57 ug/L
RT: 1.236 min Scan# 219
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 39 Resp: 1017762

Ion	Ratio	Lower	Upper
39	100		
54	102.5	69.8	129.8
53	70.9	40.1	100.1

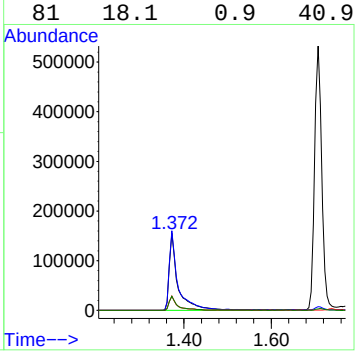




#11
bromomethane
Concen: 251.62 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 96 Resp: 221206

Ion	Ratio	Lower	Upper
96	100		
94	103.1	79.4	139.4
79	18.5	20.3	20.3#
81	18.1	0.9	40.9



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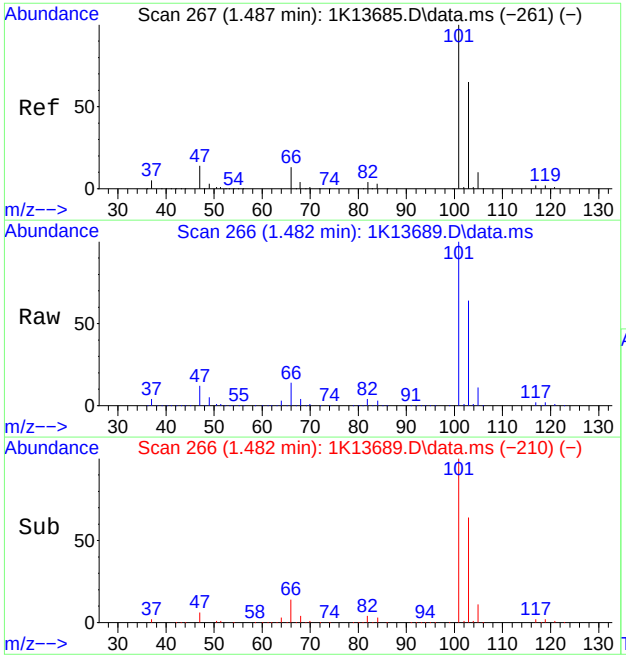
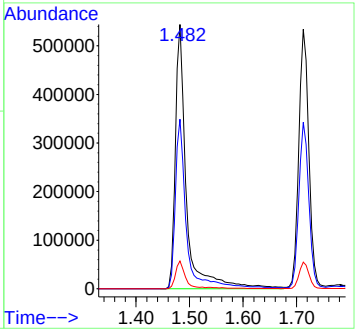
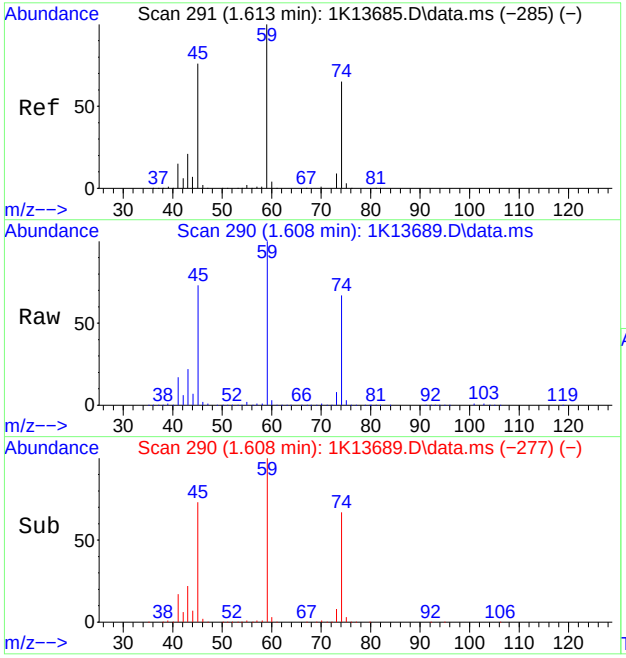


#13
trichlorofluoromethane
Concen: 136.21 ug/L
RT: 1.482 min Scan# 266
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:101 Resp: 787178

Ion	Ratio	Lower	Upper
101	100		
103	64.1	35.0	95.0
105	10.6	0.0	40.5

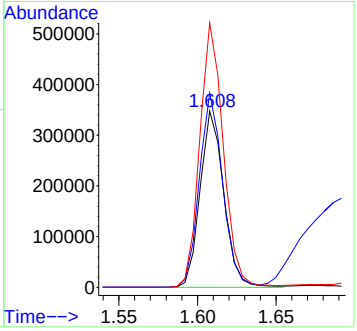




#14
ethyl ether
Concen: 149.54 ug/L
RT: 1.608 min Scan# 290
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 74 Resp: 365683

Ion	Ratio	Lower	Upper
74	100		
45	110.1	87.4	147.4
59	150.0	124.0	184.0



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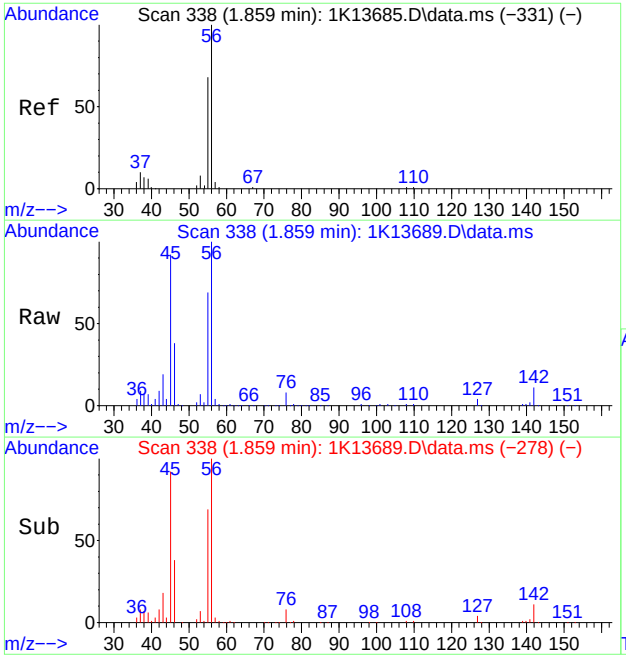
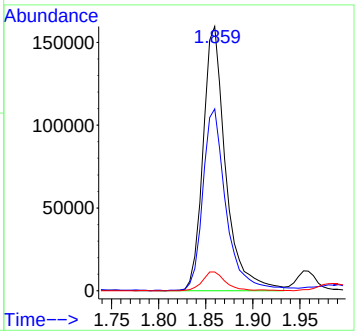
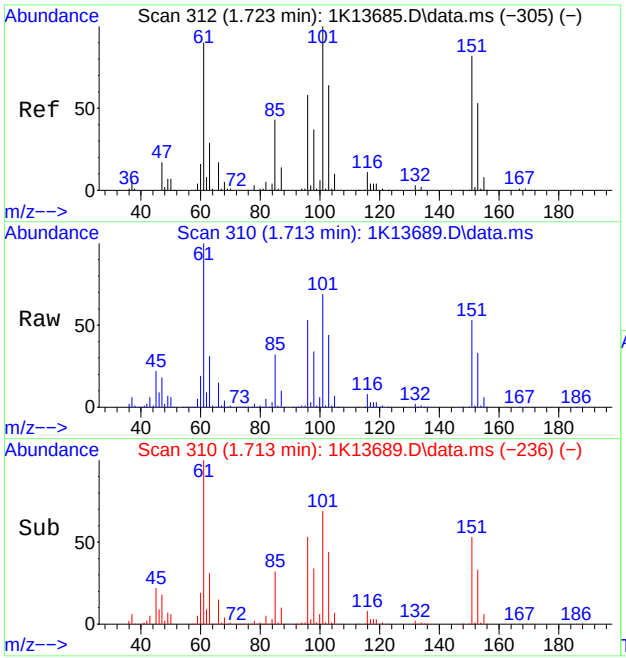


#15
acrolein
Concen: 228.85 ug/L
RT: 1.859 min Scan# 338
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 56 Resp: 267547

Ion	Ratio	Lower	Upper
56	100		
55	68.5	38.3	98.3
53	7.2	0.0	38.3

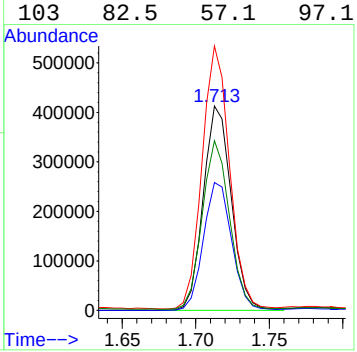


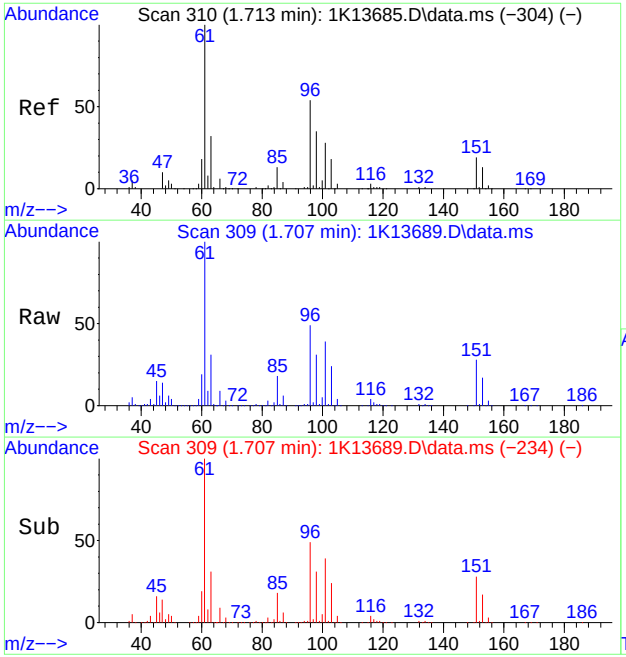


#16
freon 113
Concen: 175.74 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.010 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:151 Resp: 546874

Ion	Ratio	Lower	Upper
151	100		
153	62.5	44.1	84.1
101	128.6	101.5	141.5
103	82.5	57.1	97.1

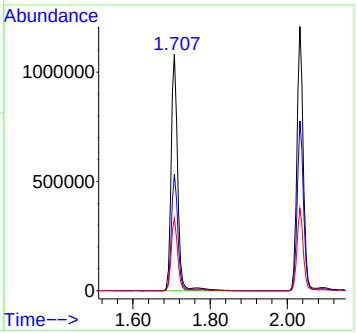


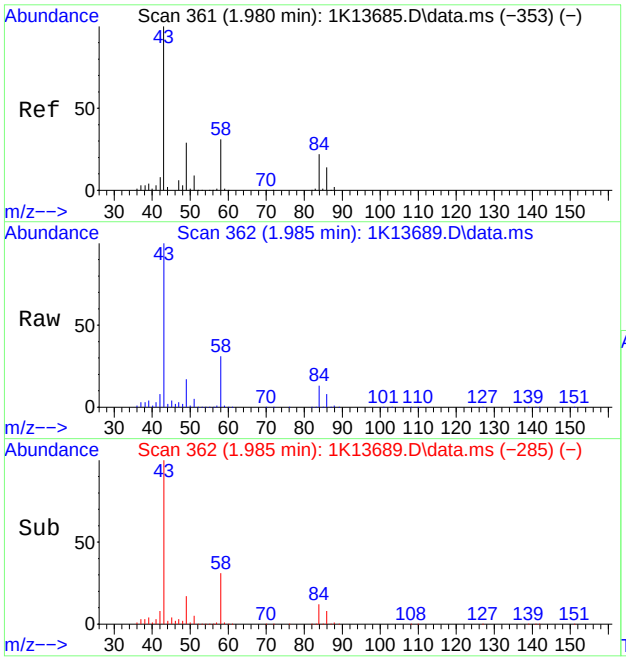


#17
1,1-dichloroethene
Concen: 207.80 ug/L
RT: 1.707 min Scan# 309
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 61 Resp: 1271903

Ion	Ratio	Lower	Upper
61	100		
96	49.2	24.4	84.4
63	30.7	2.1	62.1

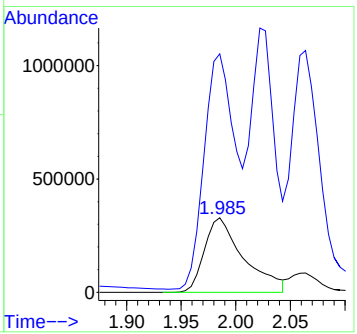


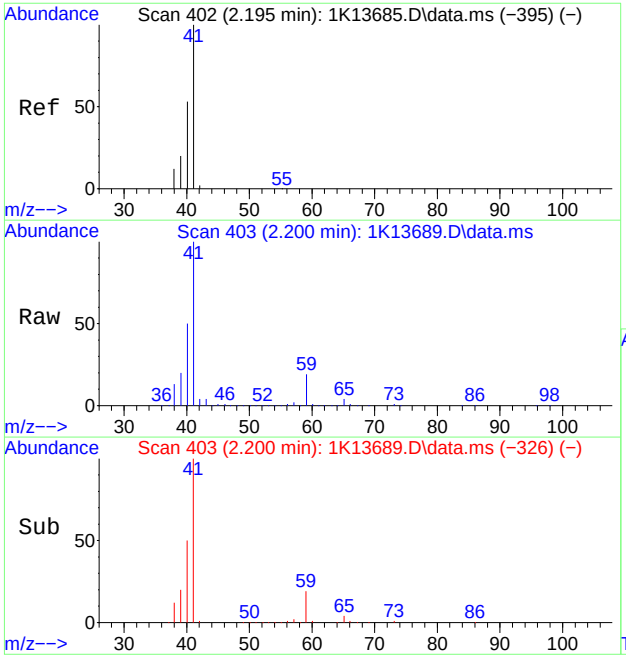


#18
acetone
Concen: 841.58 ug/L m
RT: 1.985 min Scan# 362
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 58 Resp: 825394

Ion	Ratio	Lower	Upper
58	100		
43	319.9	295.2	355.2

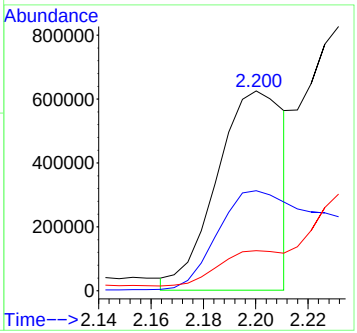


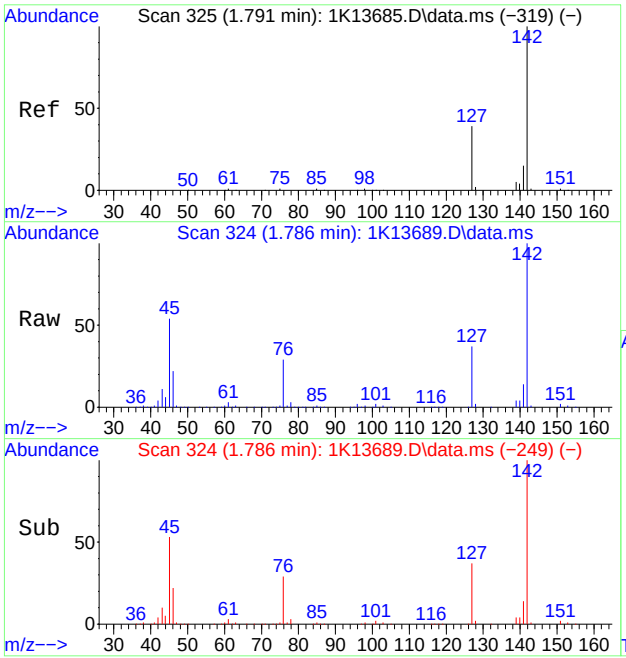


#19
acetonitrile
Concen: 1286.72 ug/L
RT: 2.200 min Scan# 403
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 41 Resp: 1110287

Ion	Ratio	Lower	Upper
41	100		
40	52.8	23.4	83.4
39	18.8	0.0	50.4

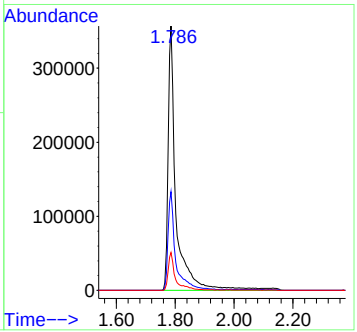


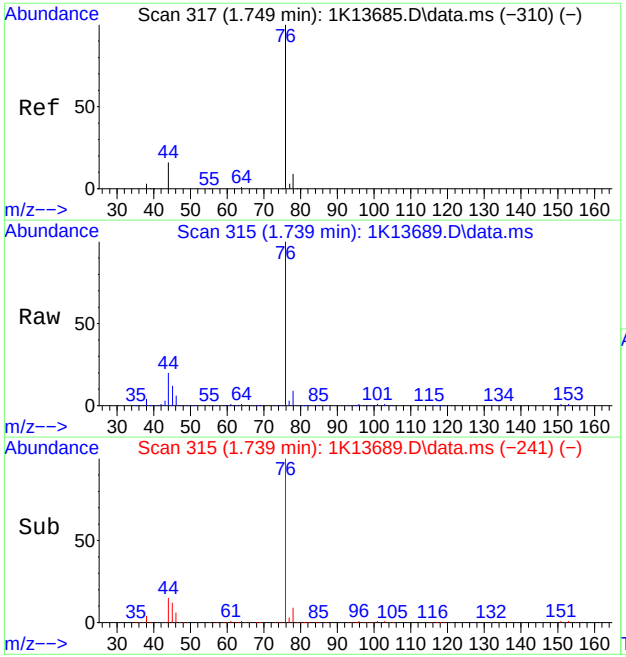


#20
iodomethane
Concen: 305.91 ug/L
RT: 1.786 min Scan# 324
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:142 Resp: 677911

Ion	Ratio	Lower	Upper
142	100		
127	37.4	8.7	68.7
141	14.3	0.0	44.9

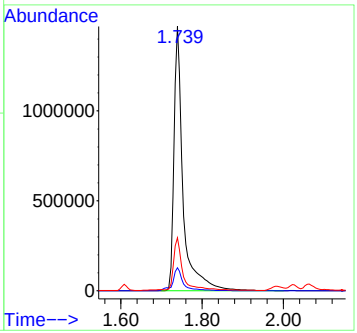


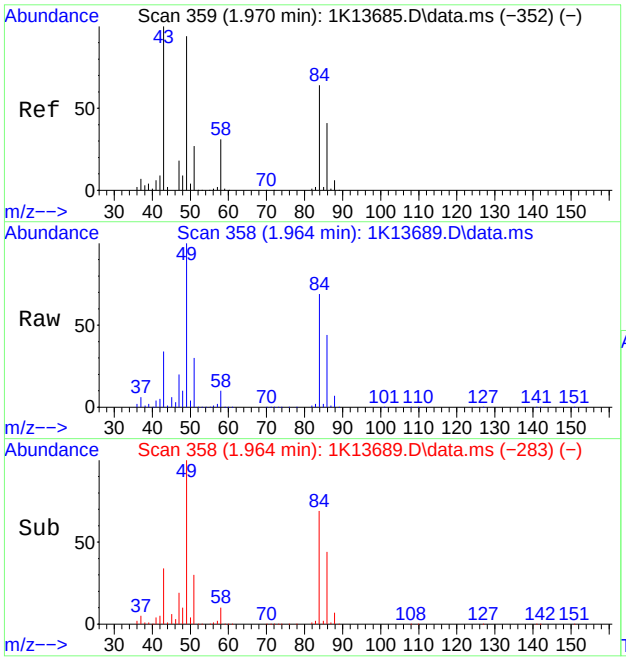


#21
carbon disulfide
Concen: 197.49 ug/L
RT: 1.739 min Scan# 315
Delta R.T. -0.011 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 76 Resp: 2295555

Ion	Ratio	Lower	Upper
76	100		
78	8.7	0.0	39.2
44	19.7	0.0	46.4

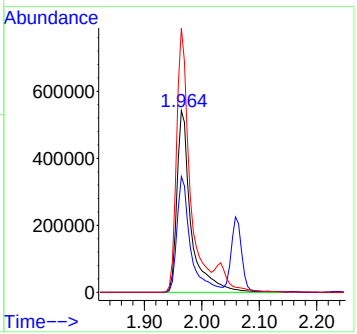




#22
methylene chloride
Concen: 210.37 ug/L
RT: 1.964 min Scan# 358
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 84 Resp: 926624

Ion	Ratio	Lower	Upper
84	100		
86	63.8	33.4	93.4
49	145.5	117.1	177.1



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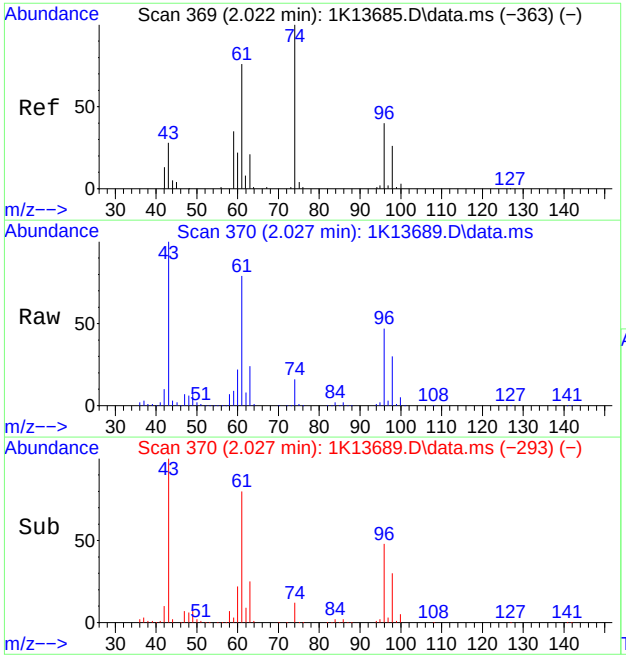
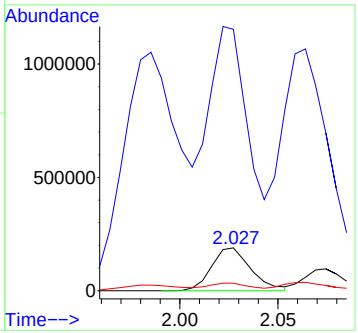
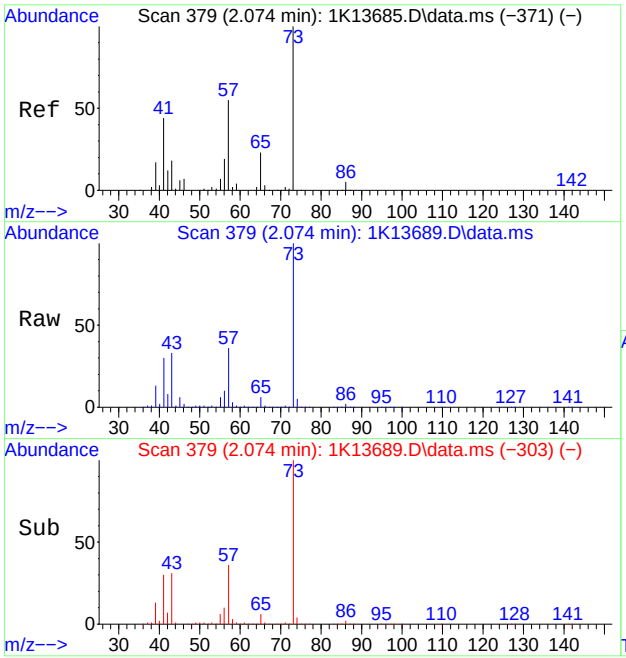


#23
methyl acetate
Concen: 241.29 ug/L
RT: 2.027 min Scan# 370
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 74 Resp: 264734

Ion	Ratio	Lower	Upper
74	100		
43	190.7	397.4	457.4#
44	5.6	0.0	35.1

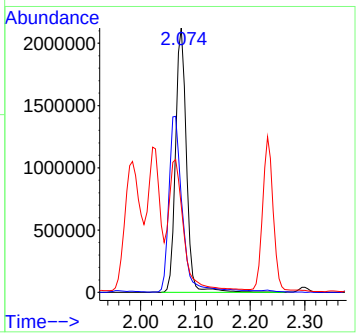


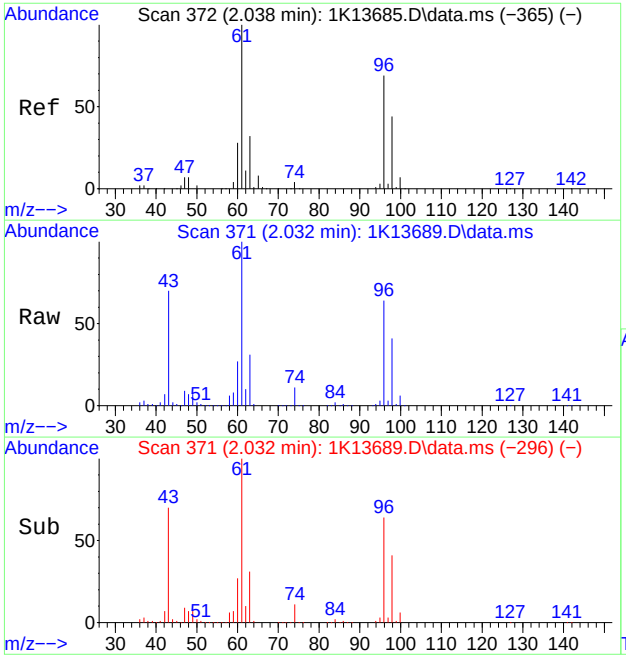


#24
methyl tert butyl ether
Concen: 229.27 ug/L
RT: 2.074 min Scan# 379
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 73 Resp: 2939361

Ion	Ratio	Lower	Upper
73	100		
57	35.5	25.1	85.1
43	31.7	12.1	72.1

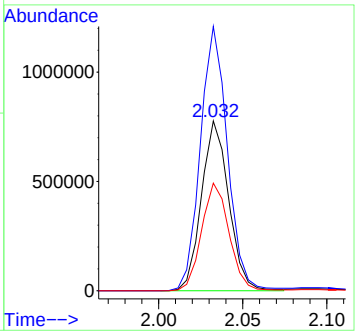


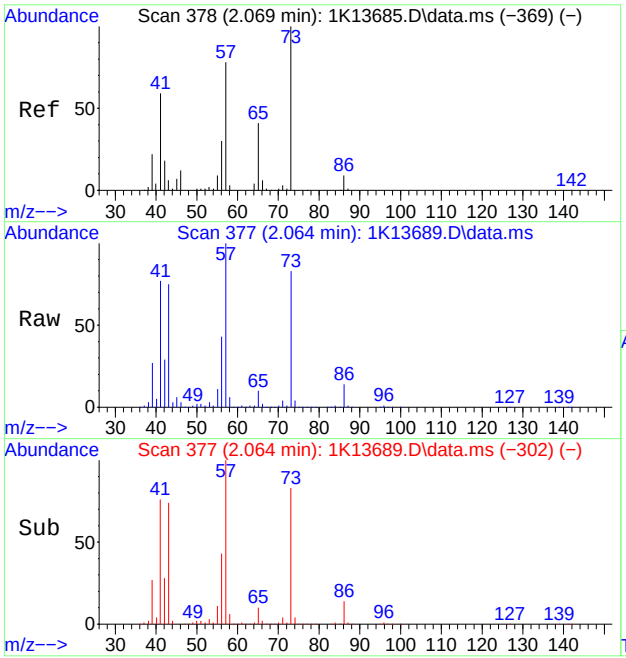


#25
trans-1,2-dichloroethene
Concen: 214.41 ug/L
RT: 2.032 min Scan# 371
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 96 Resp: 881881

Ion	Ratio	Lower	Upper
96	100		
61	155.6	115.9	175.9
98	63.4	34.7	94.7

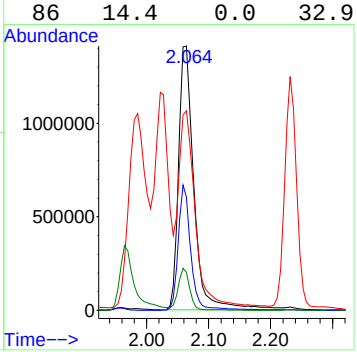


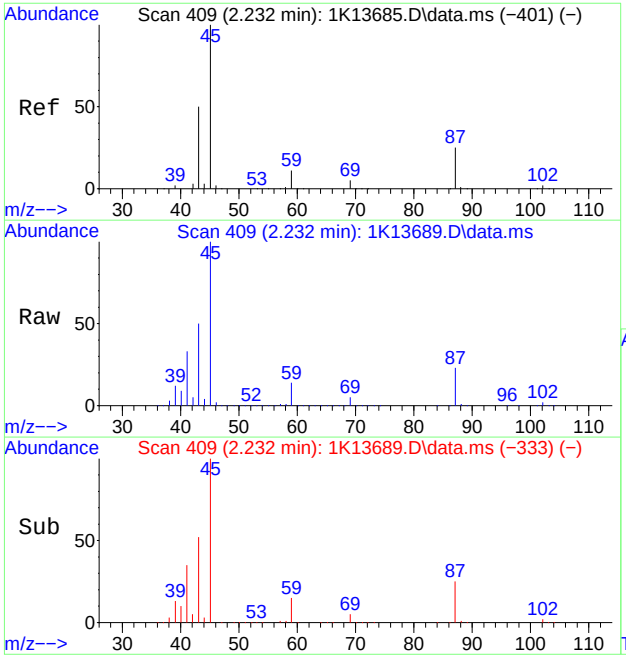


#26
hexane
Concen: 224.77 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 57 Resp: 2445658

Ion	Ratio	Lower	Upper
57	100		
56	42.9	18.5	58.5
43	36.5	50.7	90.7#
86	14.4	0.0	32.9

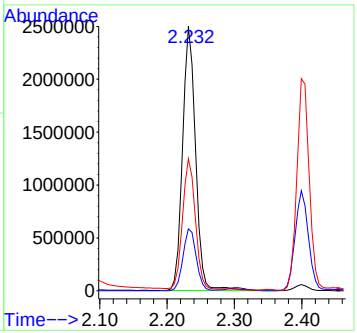


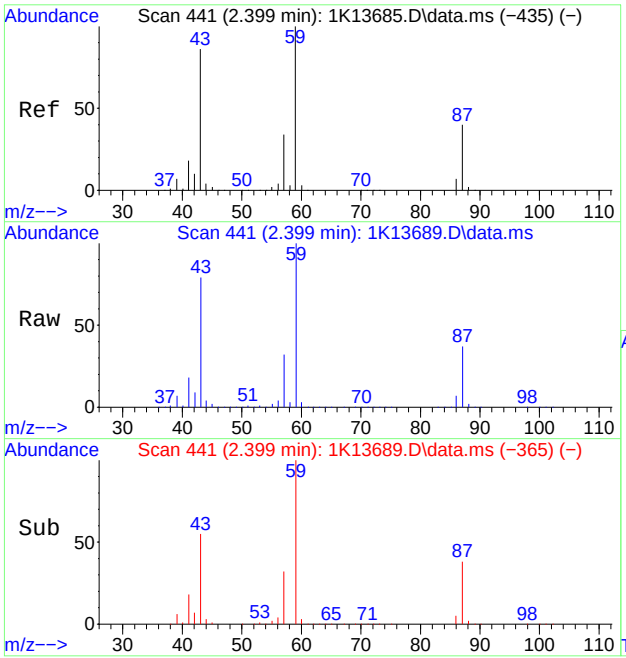


#27
di-isopropyl ether
Concen: 243.77 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 45 Resp: 3356126

Ion	Ratio	Lower	Upper
45	100		
87	23.4	0.0	55.4
43	49.7	19.8	79.8

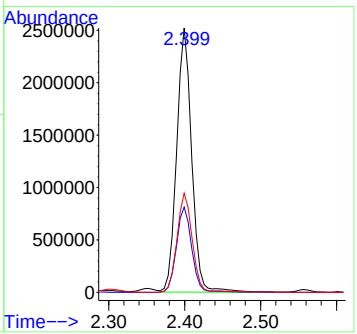


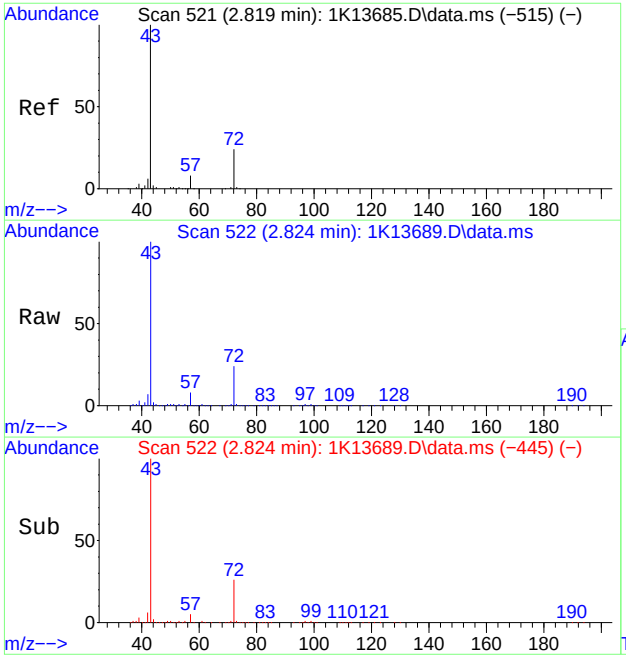


#28
ethyl tert-butyl ether
Concen: 240.89 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 59 Resp: 3471539

Ion	Ratio	Lower	Upper
59	100		
57	32.2	3.4	63.4
87	37.5	9.9	69.9

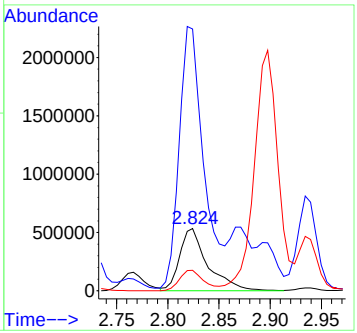


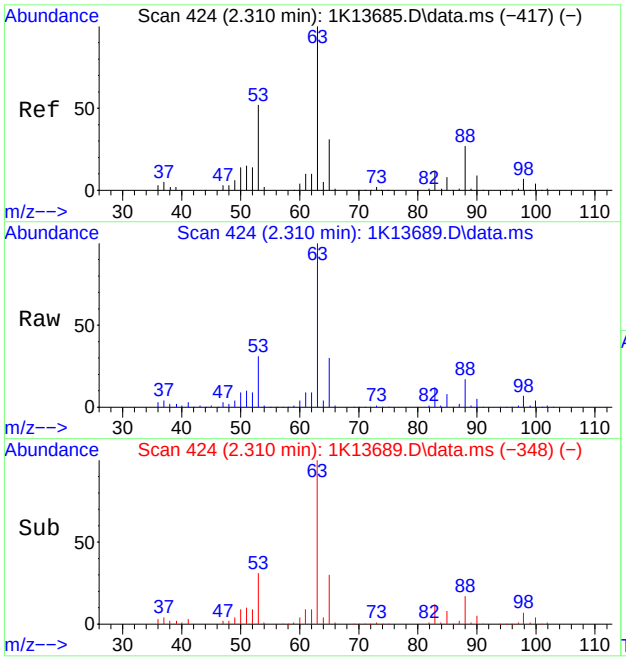


#29
2-butanone
Concen: 965.51 ug/L
RT: 2.824 min Scan# 522
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 72 Resp: 1018840

Ion	Ratio	Lower	Upper
72	100		
43	418.5	384.5	444.5
57	33.0	2.9	62.9

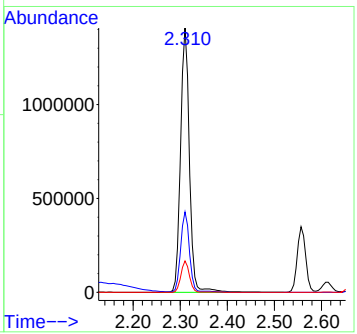


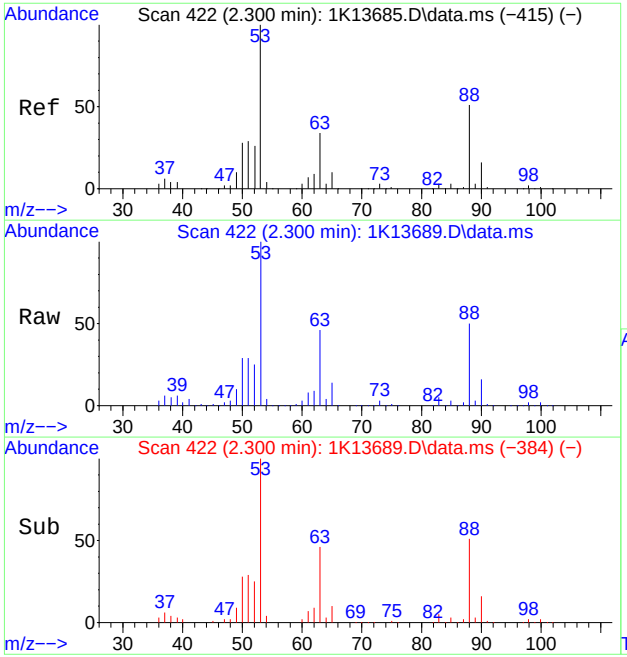


#30
1,1-dichloroethane
Concen: 228.28 ug/L
RT: 2.310 min Scan# 424
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 63 Resp: 1846367

Ion	Ratio	Lower	Upper
63	100		
65	30.5	0.6	60.6
83	11.9	0.0	41.8

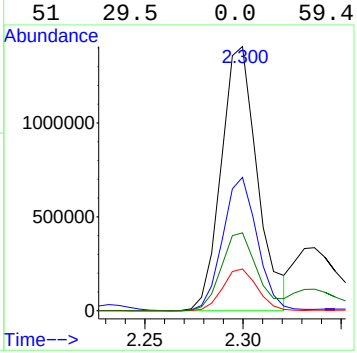


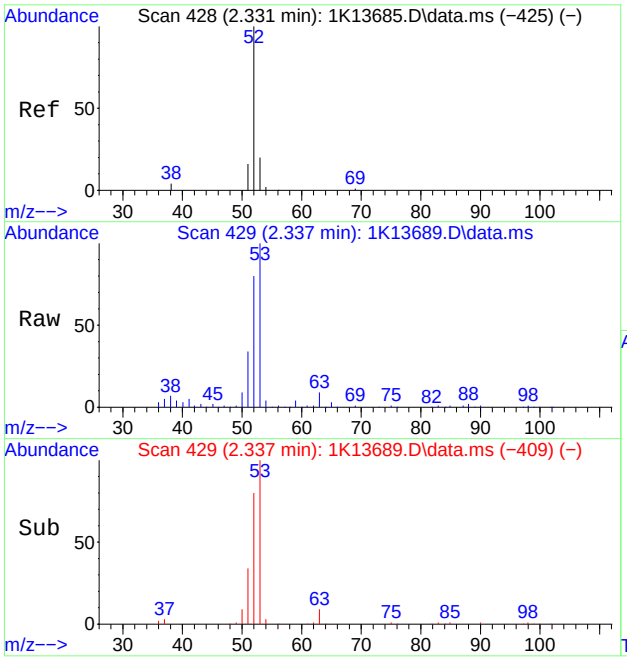


#31
chloroprene
Concen: 236.68 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 53 Resp: 1810040

Ion	Ratio	Lower	Upper
53	100		
88	50.4	21.4	81.4
90	15.8	0.0	46.1
51	29.5	0.0	59.4

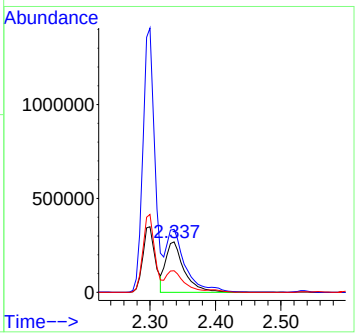




#32
acrylonitrile
Concen: 239.80 ug/L
RT: 2.337 min Scan# 429
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 52 Resp: 525954

Ion	Ratio	Lower	Upper
52	100		
53	125.1	92.8	152.8
51	42.7	13.6	73.6



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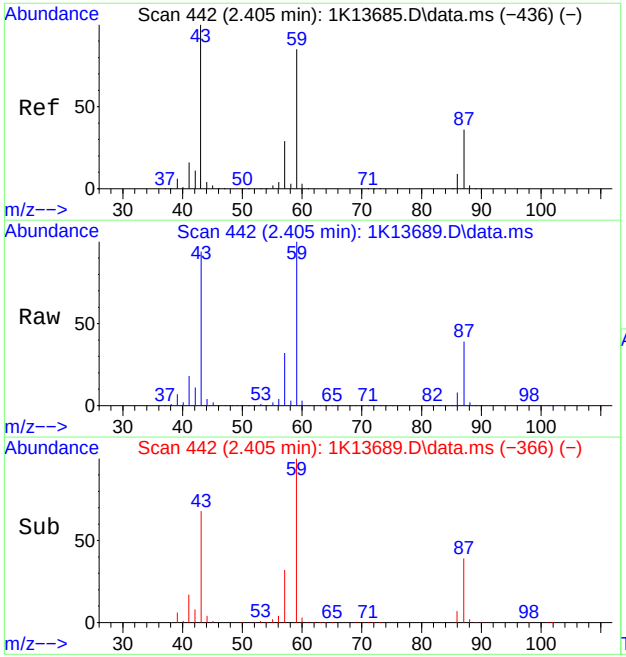
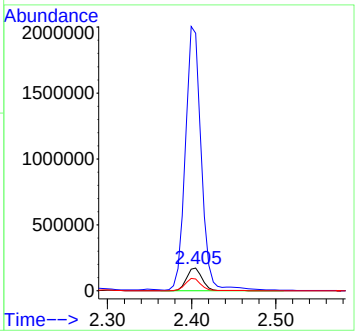
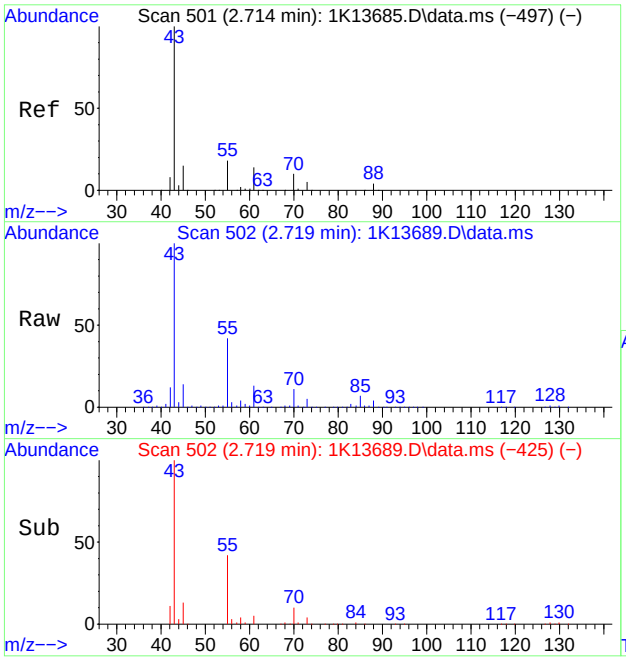


#33
vinyl acetate
Concen: 227.10 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 86 Resp: 226992

Ion	Ratio	Lower	Upper
86	100		
43	1134.4	1068.8	1128.8#
44	51.3	18.0	78.0

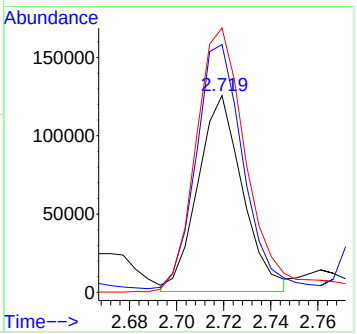


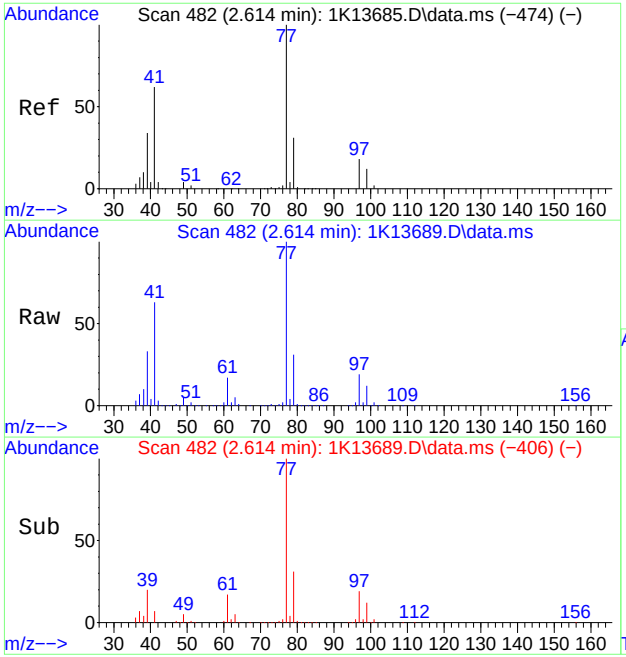


#34
ethyl acetate
Concen: 243.02 ug/L
RT: 2.719 min Scan# 502
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 70 Resp: 165154

Ion	Ratio	Lower	Upper
70	100		
61	128.0	104.9	164.9
45	137.8	117.8	177.8

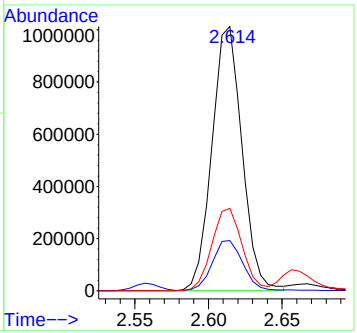


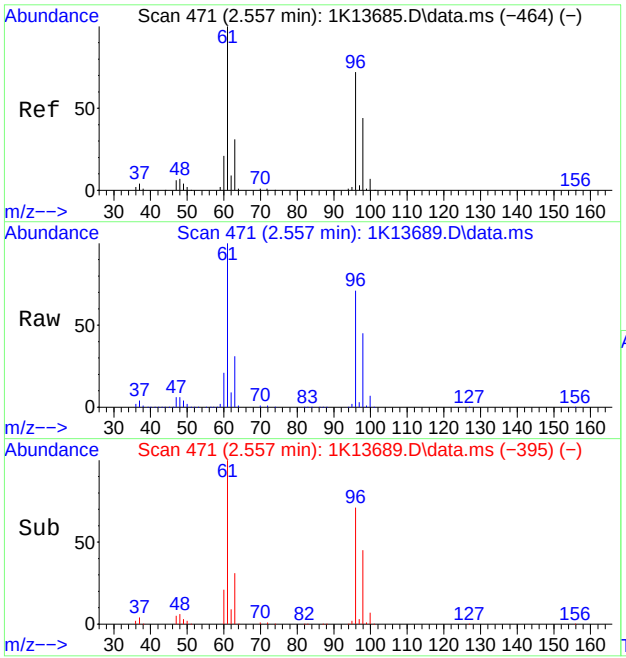


#35
2,2-dichloropropane
Concen: 220.39 ug/L
RT: 2.614 min Scan# 482
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 77 Resp: 1441835

Ion	Ratio	Lower	Upper
77	100		
97	18.7	0.0	48.7
79	31.2	0.9	60.9

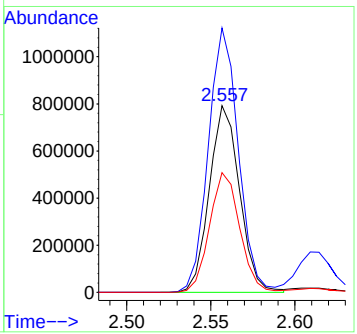




#36
cis-1,2-dichloroethene
Concen: 215.32 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 96 Resp: 993063

Ion	Ratio	Lower	Upper
96	100		
61	141.7	108.4	168.4
98	64.2	31.4	91.4



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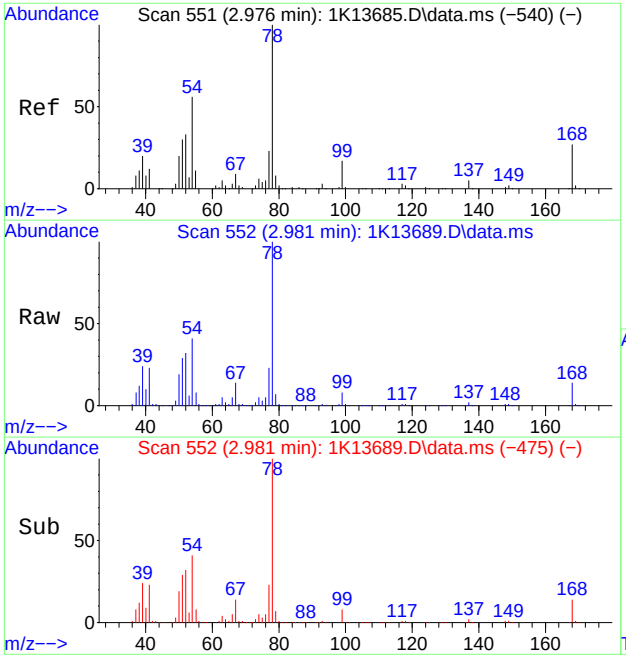
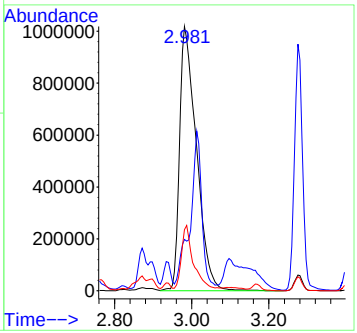
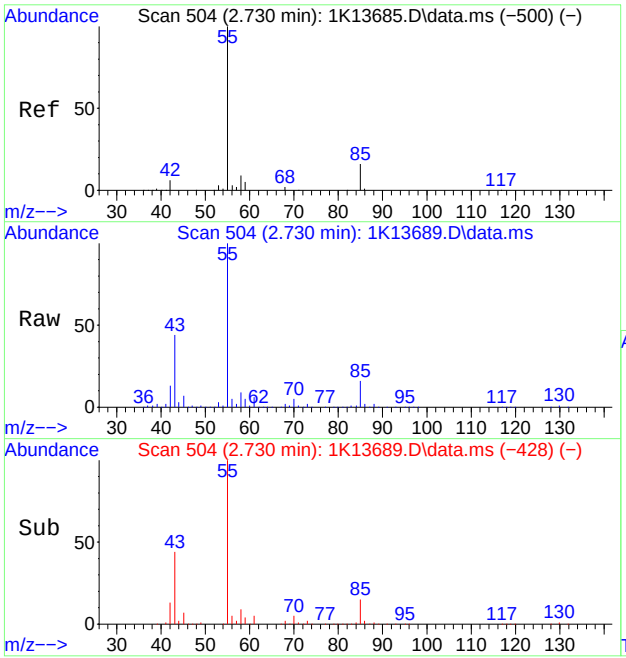


#37
propionitrile
Concen: 2318.08 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 54 Resp: 3087046

Ion	Ratio	Lower	Upper
54	100		
55	19.2	0.0	48.9
40	23.1	0.0	45.0

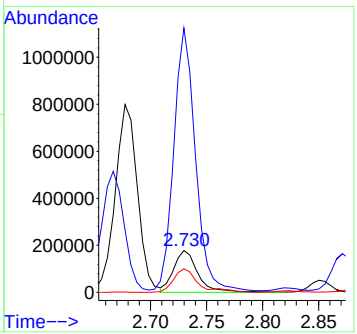


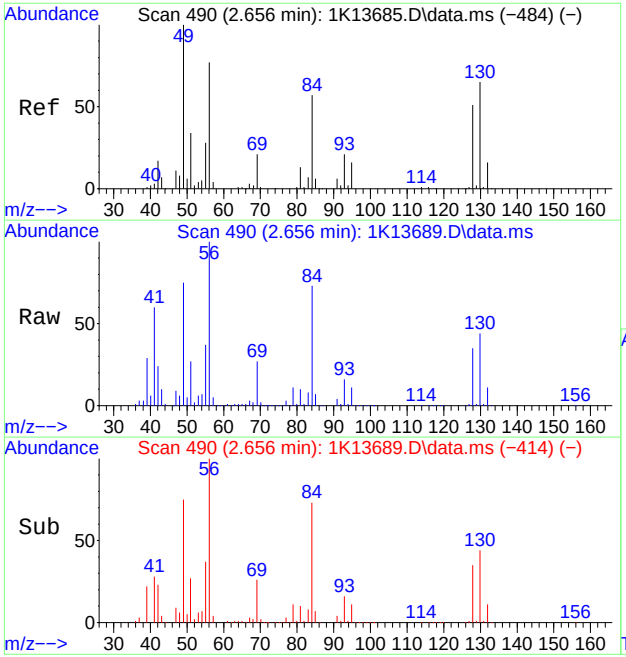


#38
methyl acrylate
Concen: 233.17 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 85 Resp: 268527

Ion	Ratio	Lower	Upper
85	100		
55	625.4	566.6	606.6#
58	54.2	30.2	70.2

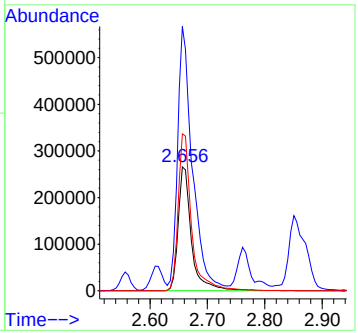


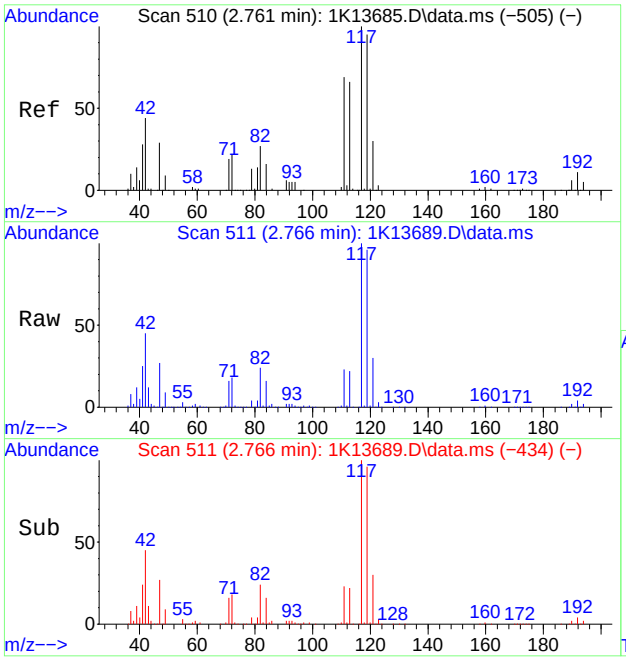


#39
bromochloromethane
Concen: 209.38 ug/L
RT: 2.656 min Scan# 490
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:128 Resp: 427492

Ion	Ratio	Lower	Upper
128	100		
49	202.6	166.7	226.7
130	126.5	97.3	157.3

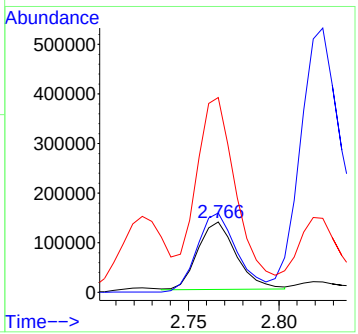




#40
tetrahydrofuran
Concen: 206.80 ug/L
RT: 2.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 71 Resp: 201830

Ion	Ratio	Lower	Upper
71	100		
72	117.5	87.2	147.2
42	258.2	242.1	302.1



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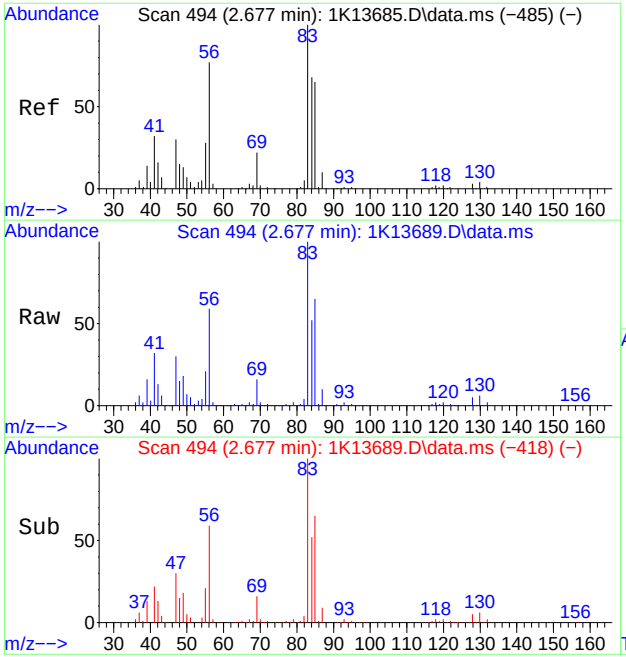
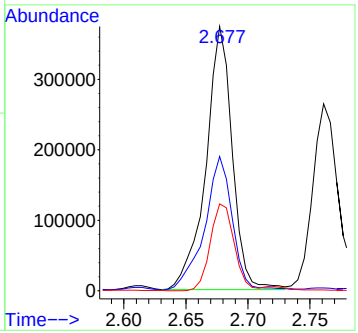
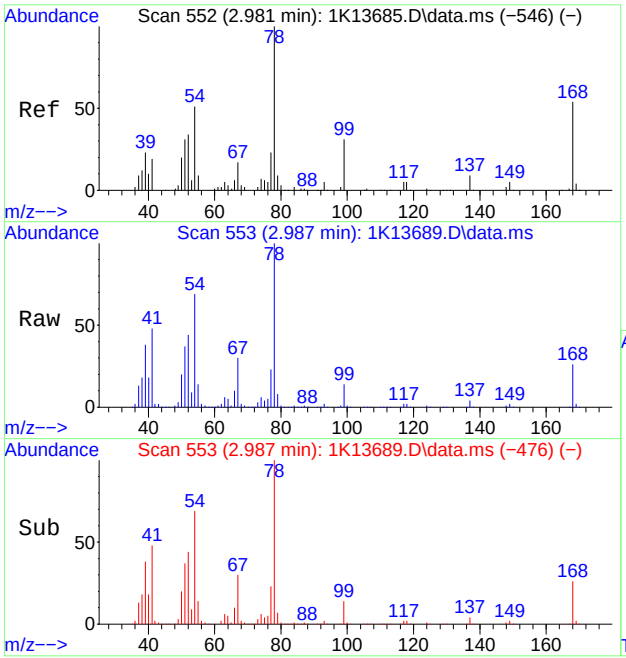


#41
chloroform
Concen: 210.96 ug/L
RT: 2.677 min Scan# 494
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 47 Resp: 554676

Ion	Ratio	Lower	Upper
47	100		
48	50.7	19.0	79.0
87	32.9	3.4	63.4

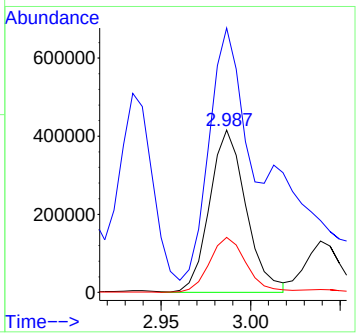


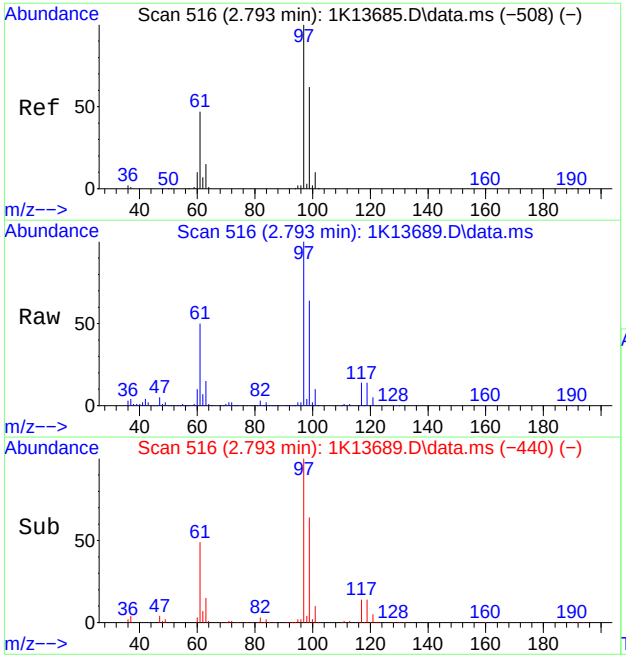


#43
methacrylonitrile
Concen: 210.49 ug/L m
RT: 2.987 min Scan# 553
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 67 Resp: 590483

Ion	Ratio	Lower	Upper
67	100		
41	162.9	85.4	145.4#
66	33.9	4.8	64.8

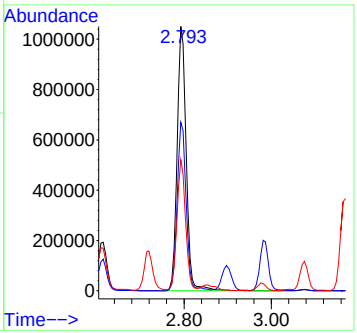


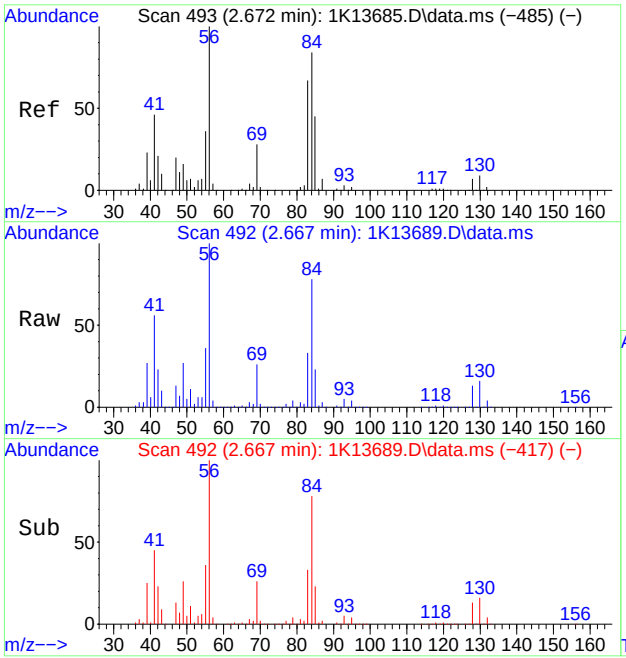


#44
1,1,1-trichloroethane
Concen: 228.89 ug/L
RT: 2.793 min Scan# 516
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 97 Resp: 1521697

Ion	Ratio	Lower	Upper
97	100		
99	63.7	32.2	92.2
61	49.4	17.7	77.7

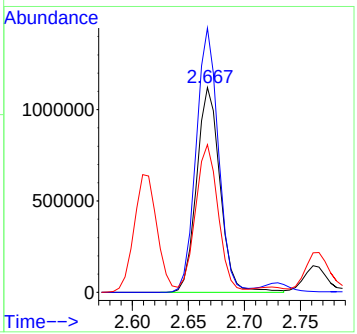


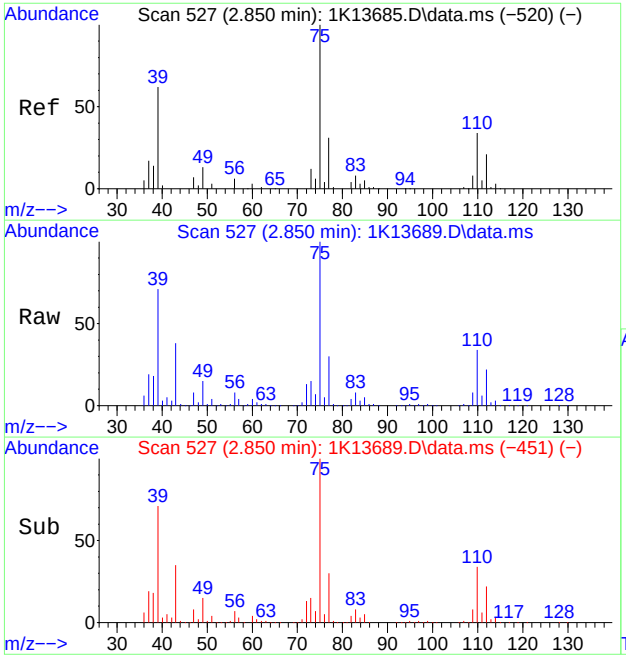


#45
cyclohexane
Concen: 221.65 ug/L
RT: 2.667 min Scan# 492
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 84 Resp: 1630617

Ion	Ratio	Lower	Upper
84	100		
56	129.0	98.6	138.6
41	70.2	43.8	83.8

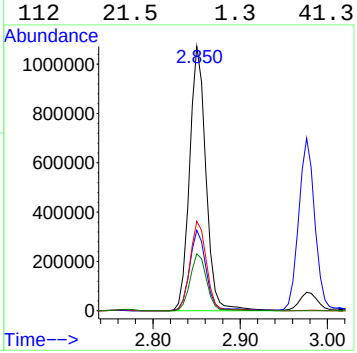


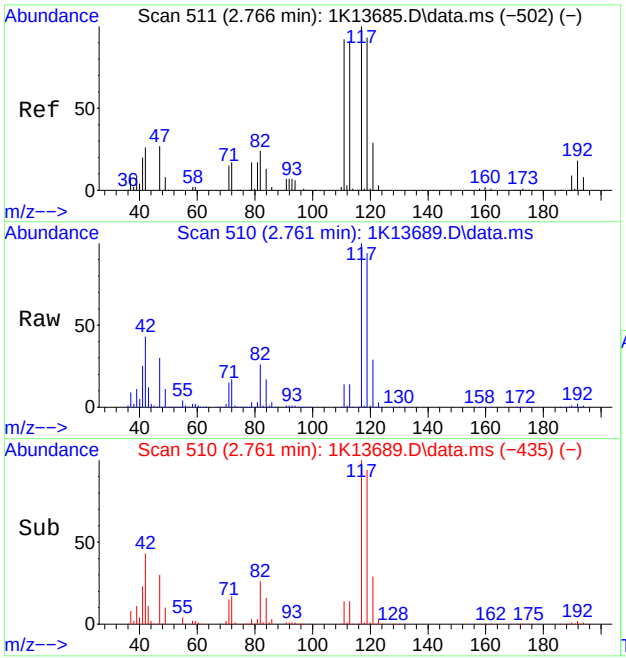


#46
1,1-dichloropropene
Concen: 234.16 ug/L
RT: 2.850 min Scan# 527
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 75 Resp: 1403282

Ion	Ratio	Lower	Upper
75	100		
77	30.4	11.3	51.3
110	33.8	14.2	54.2
112	21.5	1.3	41.3

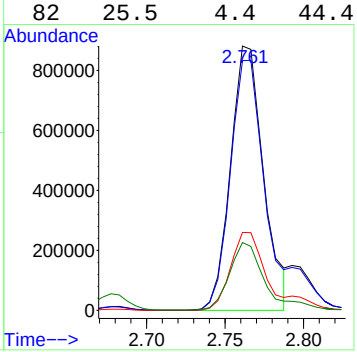




#47
carbon tetrachloride
Concen: 221.79 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:117 Resp: 1290958

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.1	113.1
121	29.5	9.4	49.4
82	25.5	4.4	44.4



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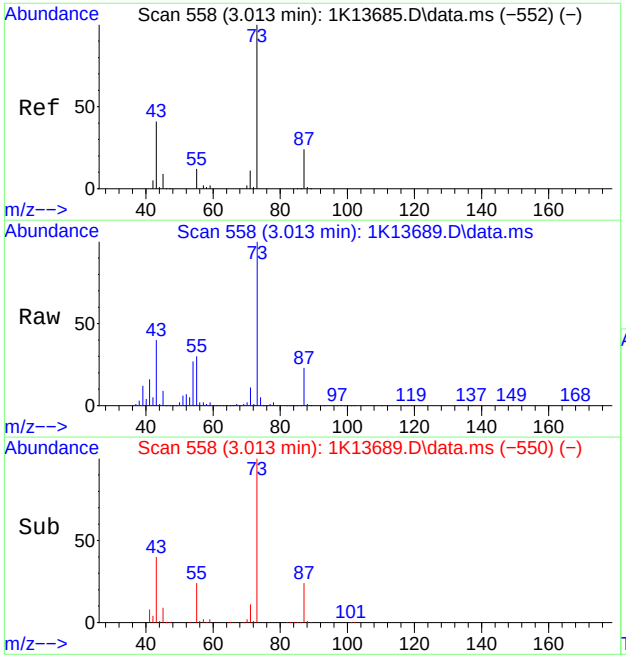
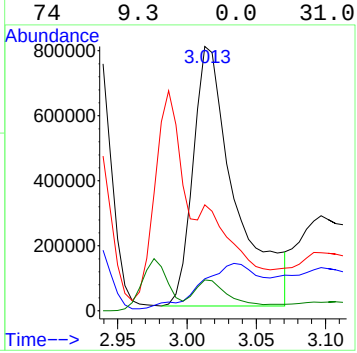
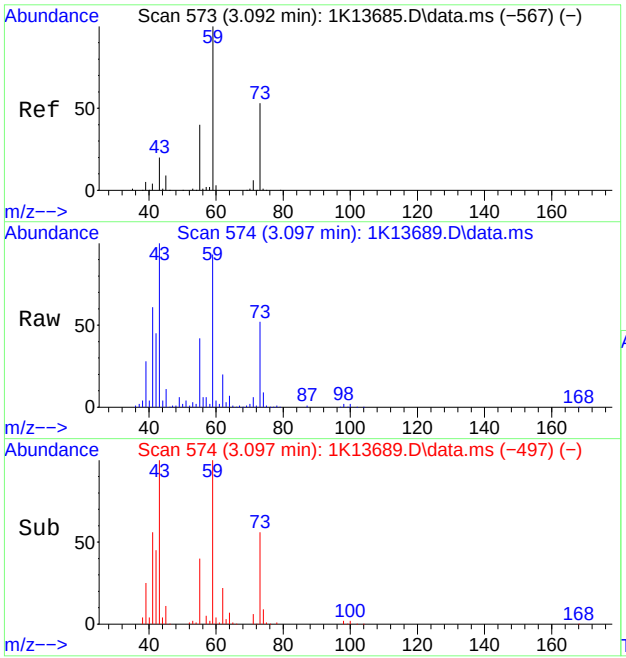


#48
isobutyl alcohol
Concen: 1818.81 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 43 Resp: 1692598

Ion	Ratio	Lower	Upper
43	100		
42	9.3	0.0	32.6
41	24.3	9.1	49.1
74	9.3	0.0	31.0

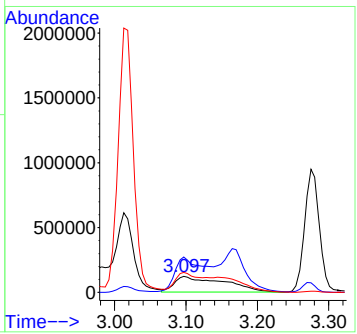


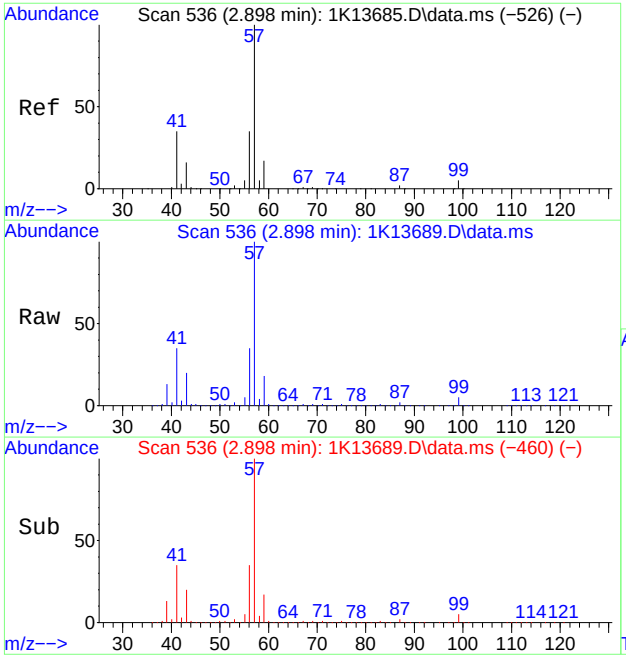


#49
tert-amyl alcohol
Concen: 1293.04 ug/L
RT: 3.097 min Scan# 574
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 55 Resp: 587427

Ion	Ratio	Lower	Upper
55	100		
59	219.3	218.8	258.8
73	123.5	115.9	155.9

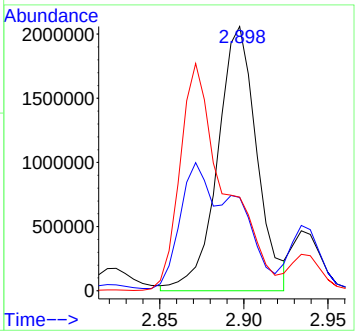


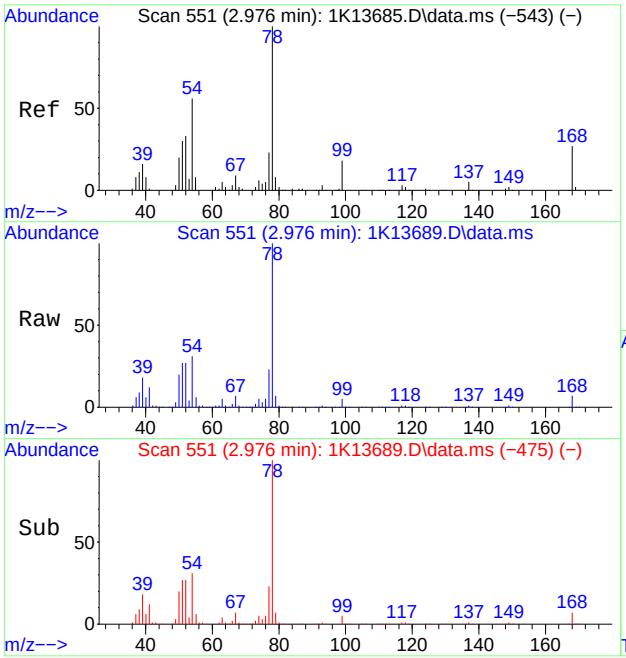


#52
iso-octane
Concen: 227.91 ug/L
RT: 2.898 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 57 Resp: 3346836

Ion	Ratio	Lower	Upper
57	100		
41	33.3	14.8	54.8
56	32.1	15.3	55.3

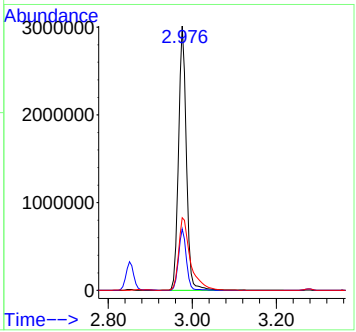


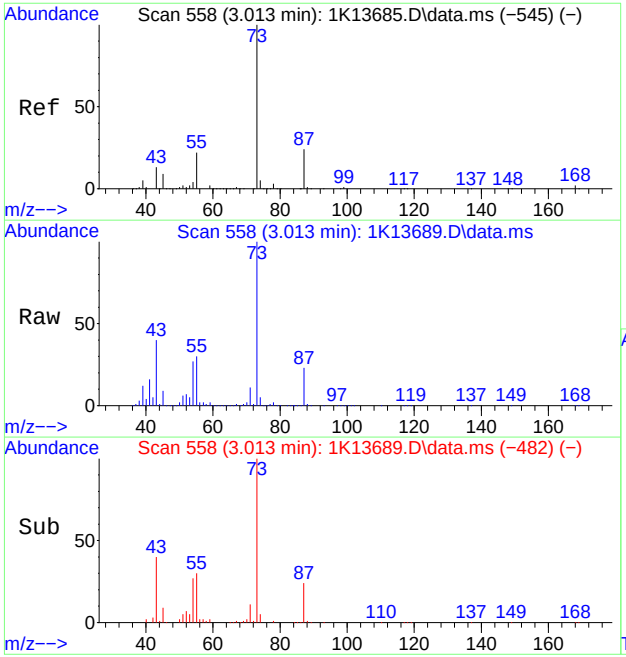


#53
benzene
Concen: 206.39 ug/L
RT: 2.976 min Scan# 551
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 78 Resp: 3946112

Ion	Ratio	Lower	Upper
78	100		
77	23.2	0.0	53.3
52	27.4	3.5	63.5

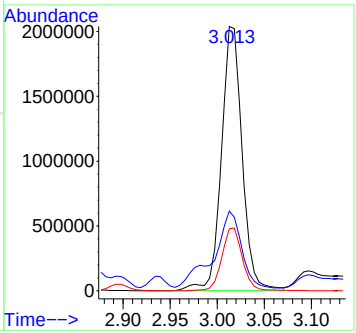


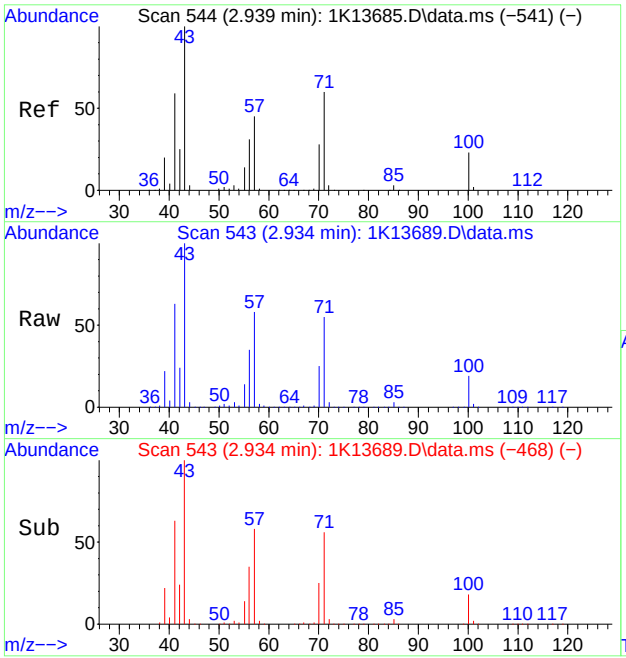


#54
tert-amyl methyl ether
Concen: 215.86 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 73 Resp: 3135721

Ion	Ratio	Lower	Upper
73	100		
55	29.0	5.1	45.1
87	23.4	4.2	44.2

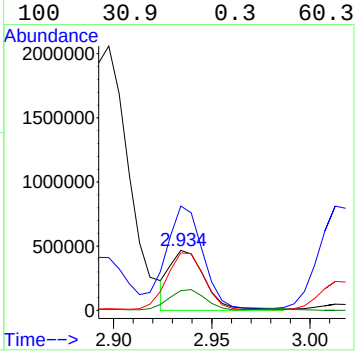


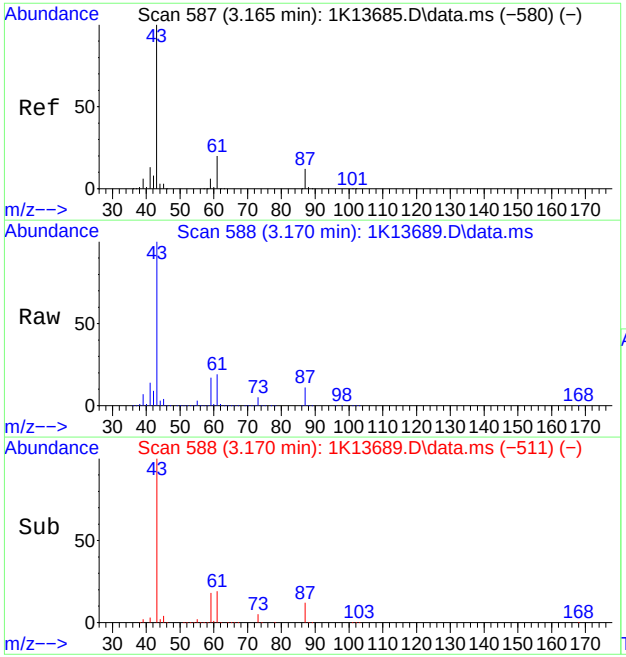


#55
heptane
Concen: 213.75 ug/L
RT: 2.934 min Scan# 543
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 57 Resp: 579107

Ion	Ratio	Lower	Upper
57	100		
43	172.8	140.0	200.0
71	96.7	67.3	127.3
100	30.9	0.3	60.3

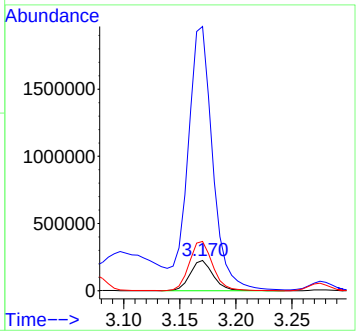


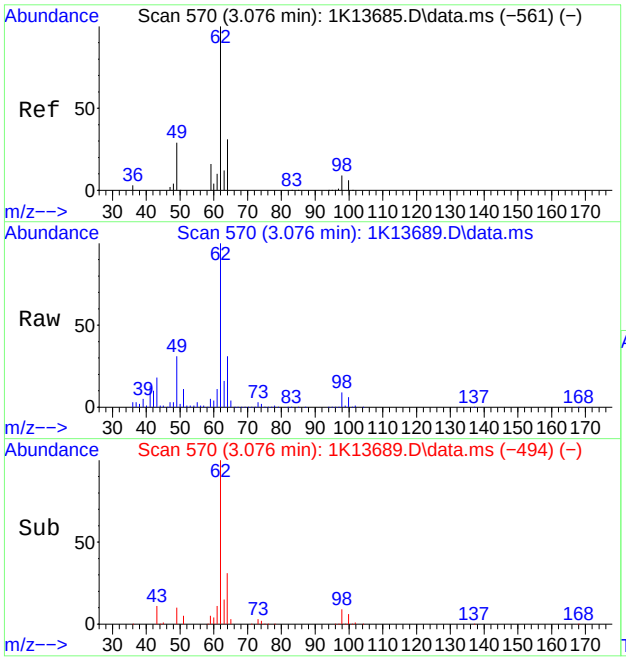


#56
isopropyl acetate
Concen: 237.46 ug/L
RT: 3.170 min Scan# 588
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 87 Resp: 325212

Ion	Ratio	Lower	Upper
87	100		
43	872.1	799.2	859.2#
61	162.4	137.1	197.1

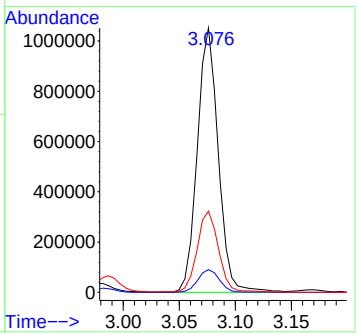


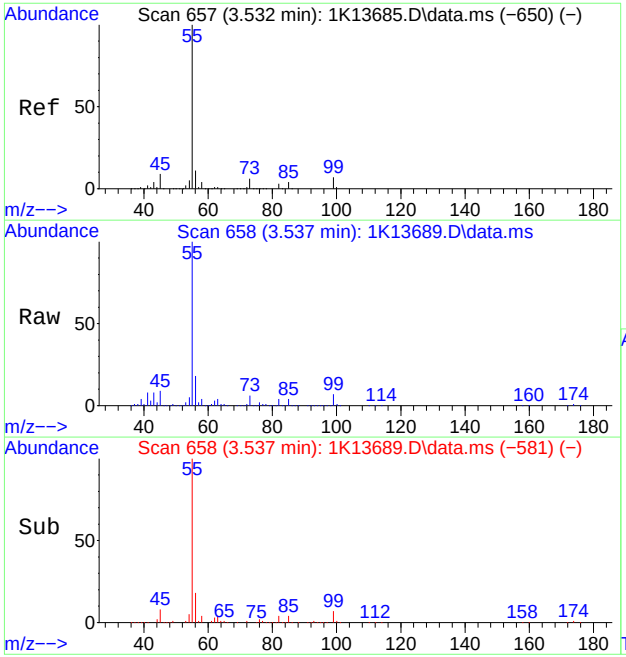


#57
1,2-dichloroethane
Concen: 199.45 ug/L
RT: 3.076 min Scan# 570
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 62 Resp: 1371844

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	39.5
64	30.7	1.1	61.1

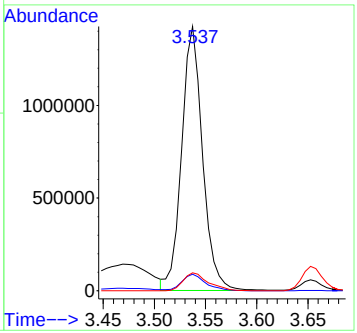


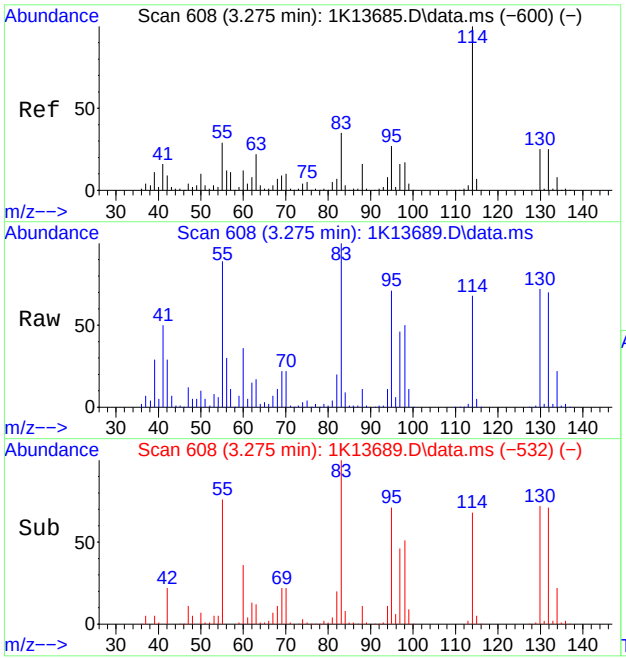


#59
ethyl acrylate
Concen: 238.50 ug/L
RT: 3.537 min Scan# 658
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 55 Resp: 2017504

Ion	Ratio	Lower	Upper
55	100		
73	6.3	0.0	36.5
99	6.9	0.0	37.0

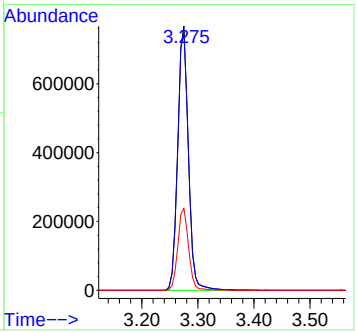


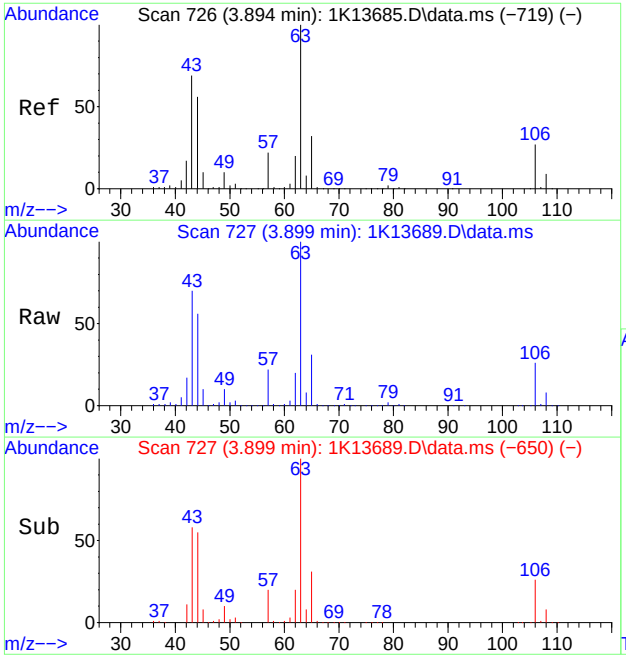


#60
trichloroethene
Concen: 211.10 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:130 Resp: 1016172

Ion	Ratio	Lower	Upper
130	100		
132	97.6	70.3	130.3
134	31.0	2.0	62.0

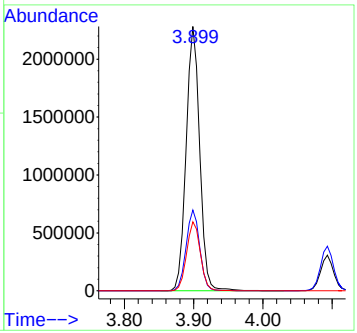


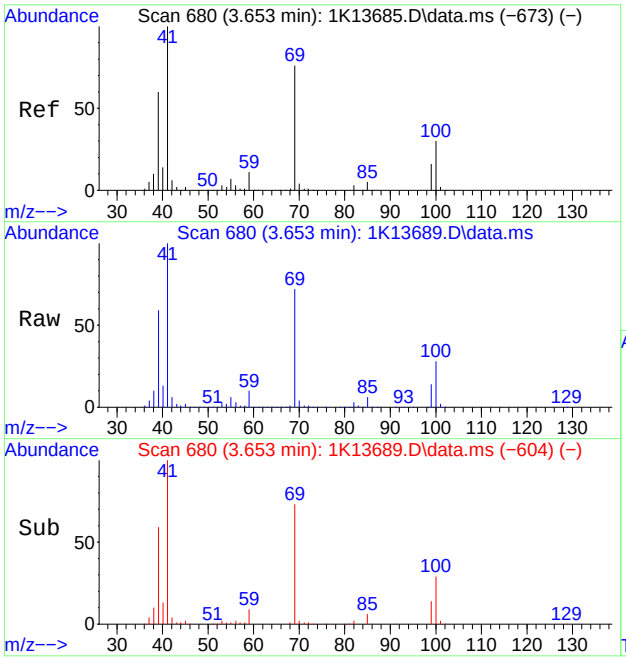


#62
2-chloroethyl vinyl ether
Concen: 1359.20 ug/L
RT: 3.899 min Scan# 727
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 63 Resp: 3110524

Ion	Ratio	Lower	Upper
63	100		
65	30.6	1.9	61.9
106	26.1	0.0	57.3

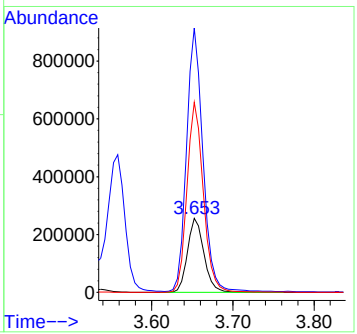


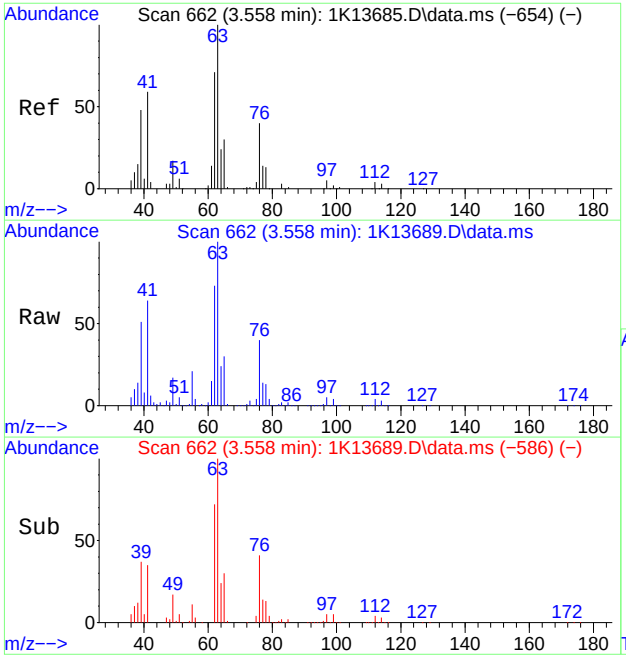


#63
methyl methacrylate
Concen: 238.00 ug/L
RT: 3.653 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:100 Resp: 362395

Ion	Ratio	Lower	Upper
100	100		
41	355.2	304.0	364.0
69	256.3	224.1	284.1

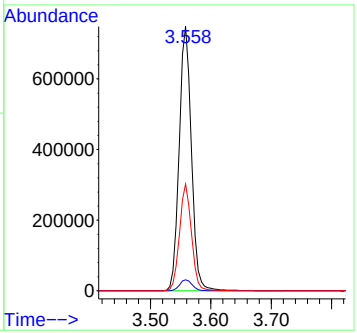


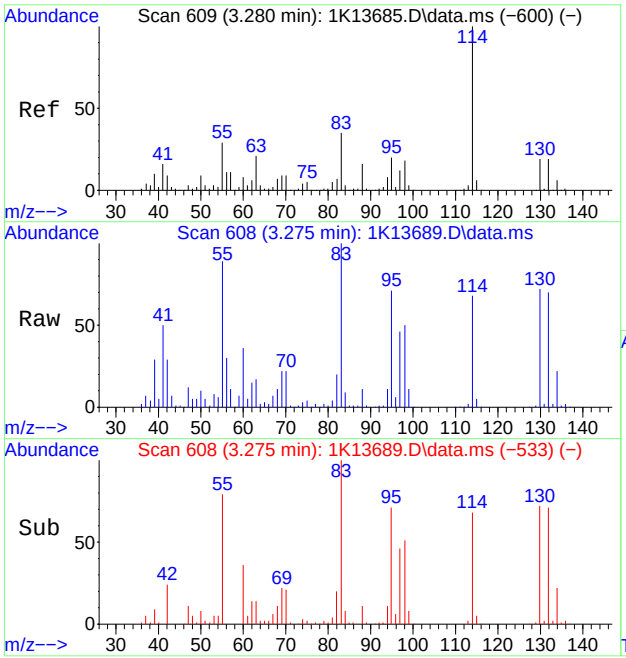


#64
1,2-dichloropropane
Concen: 215.85 ug/L
RT: 3.558 min Scan# 662
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 63 Resp: 1057507

Ion	Ratio	Lower	Upper
63	100		
112	4.2	0.0	34.4
76	40.4	10.3	70.3

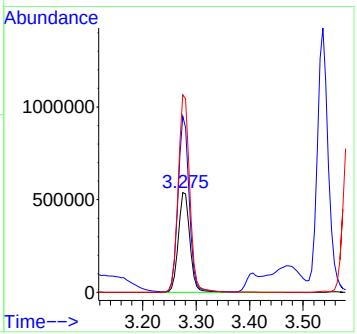


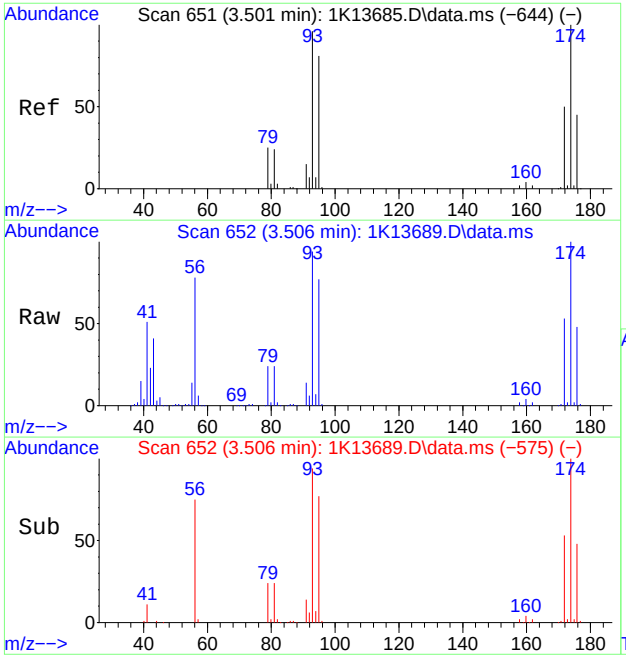


#65
methylcyclohexane
Concen: 219.35 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 98 Resp: 812241

Ion	Ratio	Lower	Upper
98	100		
55	176.1	130.3	190.3
83	198.2	194.3	194.3#

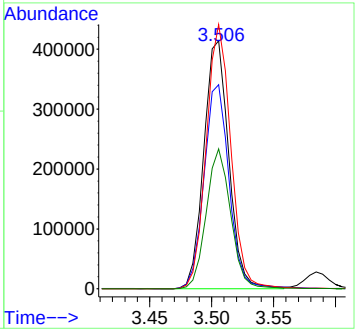


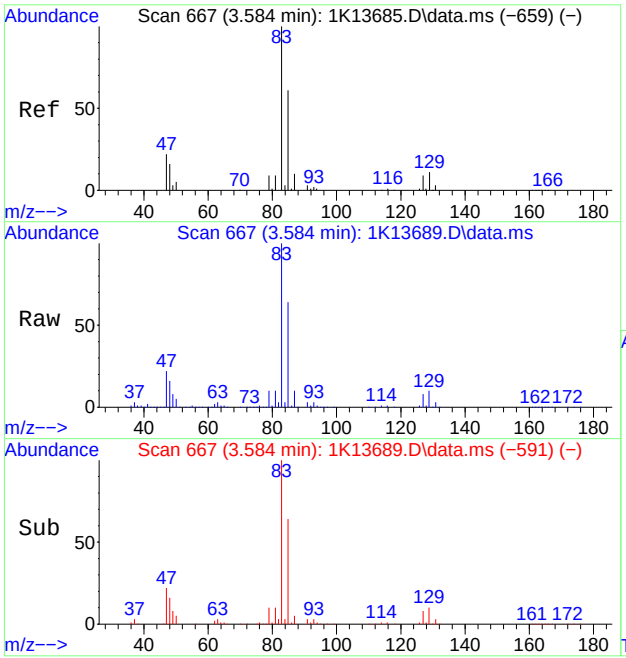


#66
dibromomethane
Concen: 206.93 ug/L
RT: 3.506 min Scan# 652
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 93 Resp: 581335

Ion	Ratio	Lower	Upper
93	100		
95	82.3	54.7	114.7
174	106.6	74.1	134.1
172	56.3	32.6	72.6

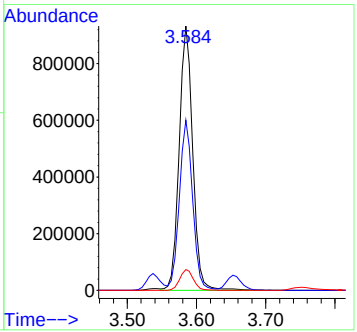


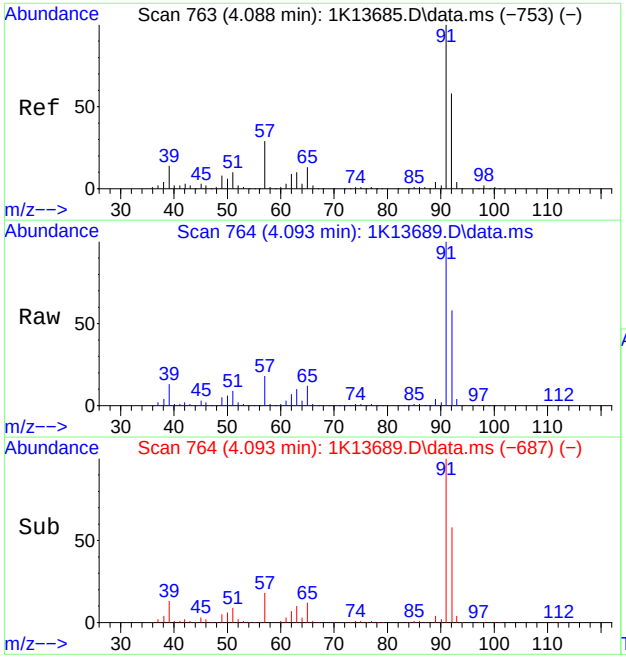


#67
bromodichloromethane
Concen: 216.81 ug/L
RT: 3.584 min Scan# 667
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 83 Resp: 1286323

Ion	Ratio	Lower	Upper
83	100		
85	64.4	35.1	95.1
127	7.8	0.0	39.1

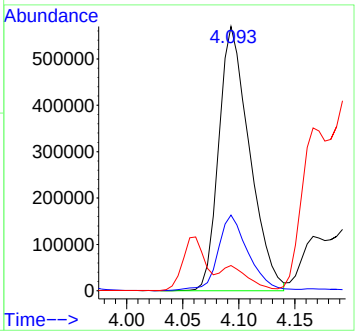


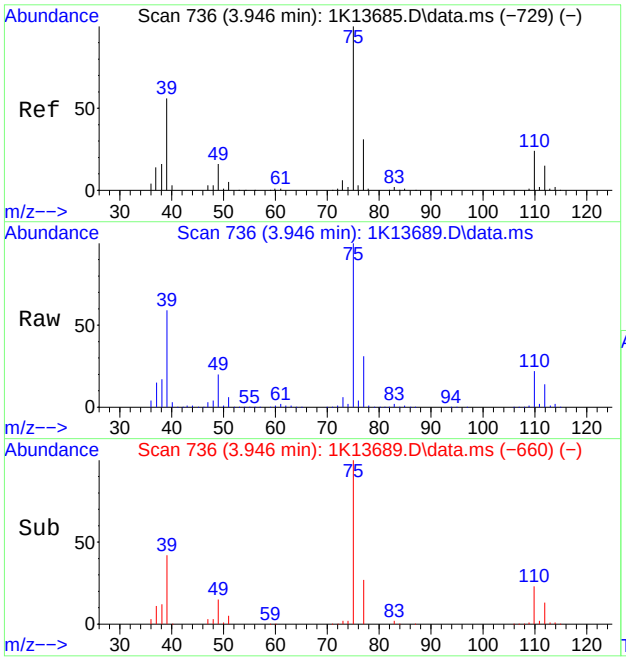


#68
epichlorohydrin
Concen: 1103.52 ug/L
RT: 4.093 min Scan# 764
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 57 Resp: 1092219

Ion	Ratio	Lower	Upper
57	100		
49	28.5	6.2	46.2
42	9.5	0.0	29.7

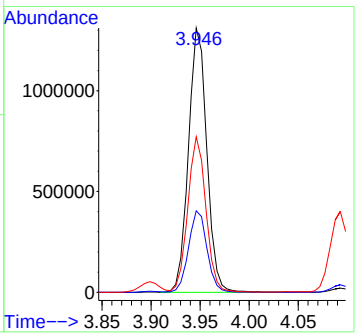


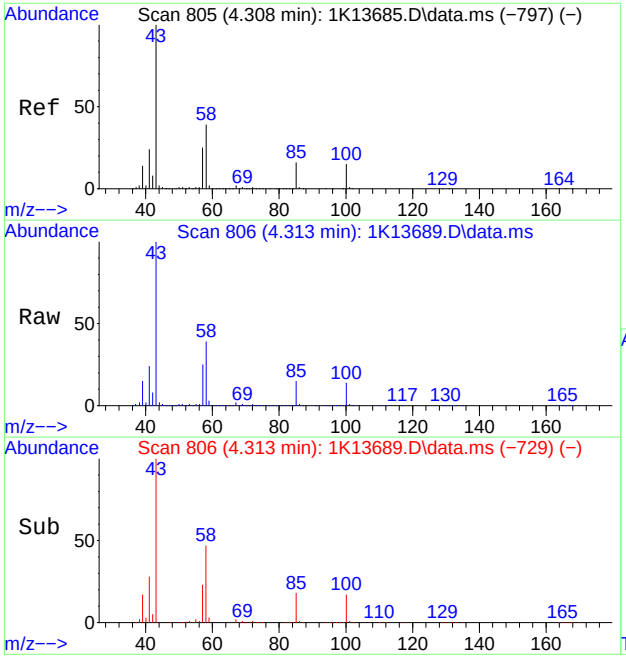


#69
cis-1,3-dichloropropene
Concen: 229.06 ug/L
RT: 3.946 min Scan# 736
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 75 Resp: 1710664

Ion	Ratio	Lower	Upper
75	100		
77	30.8	1.6	61.6
39	58.7	26.9	86.9

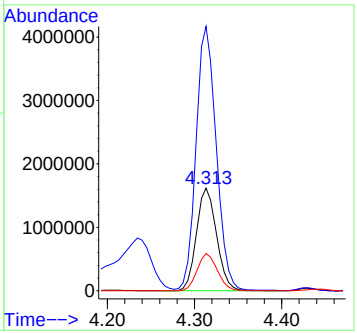


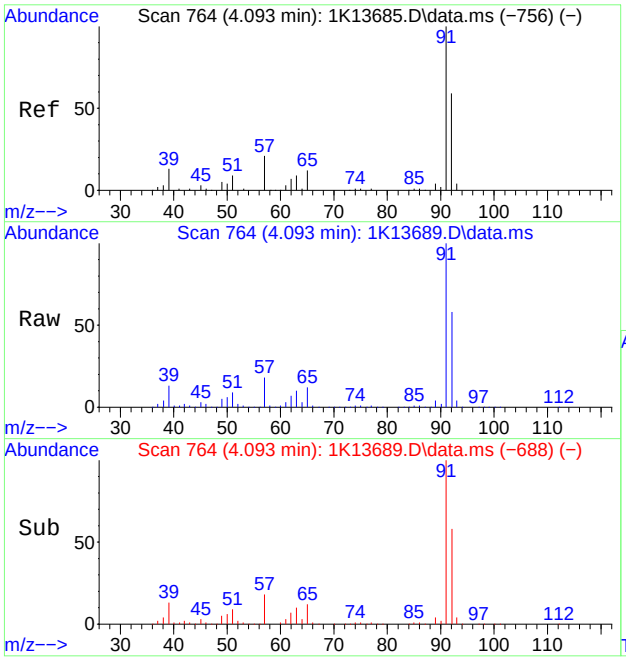


#70
4-methyl-2-pentanone
Concen: 941.17 ug/L
RT: 4.313 min Scan# 806
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 58 Resp: 2595710

Ion	Ratio	Lower	Upper
58	100		
43	257.2	226.7	286.7
100	36.4	8.1	68.1

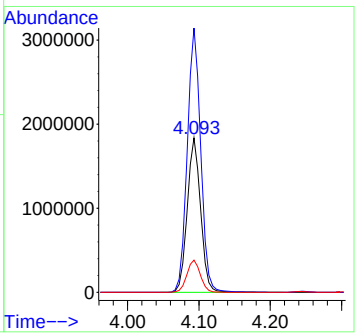


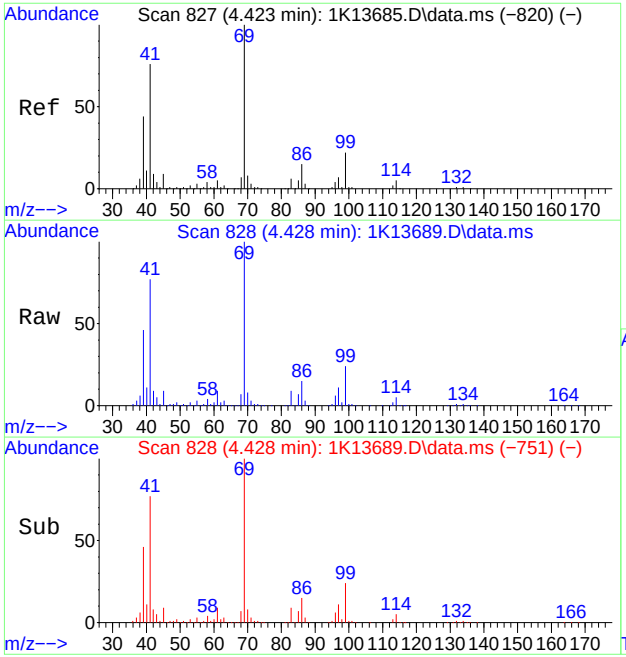


#74
toluene
Concen: 205.06 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 92 Resp: 2391850

Ion	Ratio	Lower	Upper
92	100		
91	171.2	150.5	190.5
65	20.9	0.6	40.6

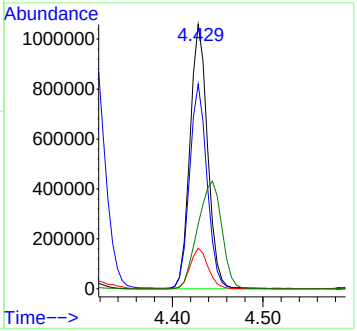


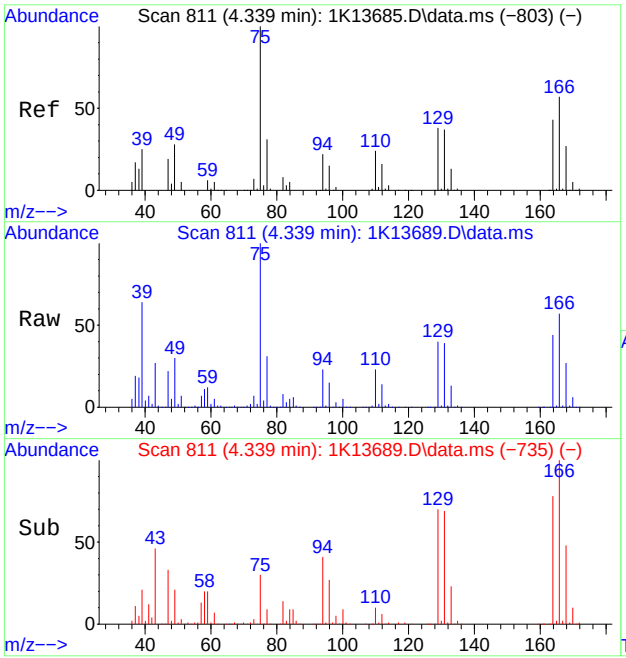


#75
ethyl methacrylate
Concen: 219.37 ug/L
RT: 4.428 min Scan# 828
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 69 Resp: 1434822

Ion	Ratio	Lower	Upper
69	100		
41	77.2	56.7	96.7
86	15.4	0.0	35.4
99	24.4	1.7	41.7

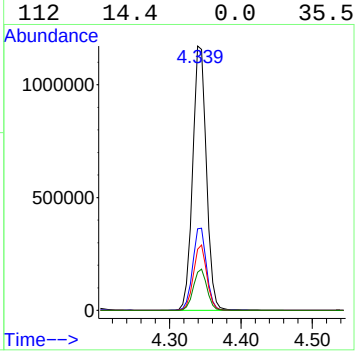


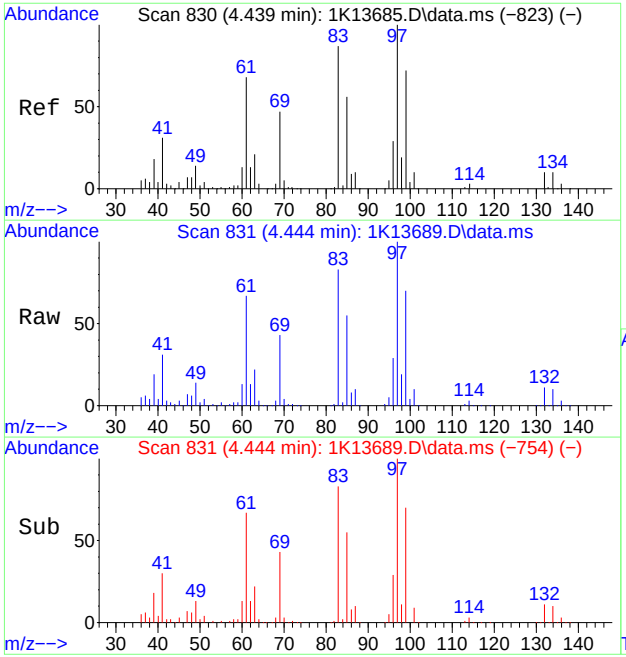


#76
trans-1,3-dichloropropene
Concen: 222.79 ug/L
RT: 4.339 min Scan# 811
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 75 Resp: 1569055

Ion	Ratio	Lower	Upper
75	100		
77	30.8	11.2	51.2
110	23.1	4.0	44.0
112	14.4	0.0	35.5

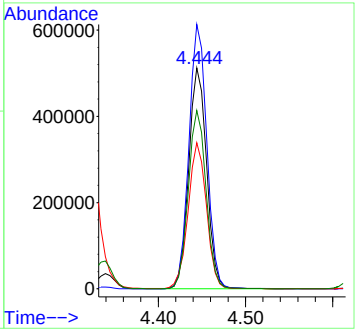


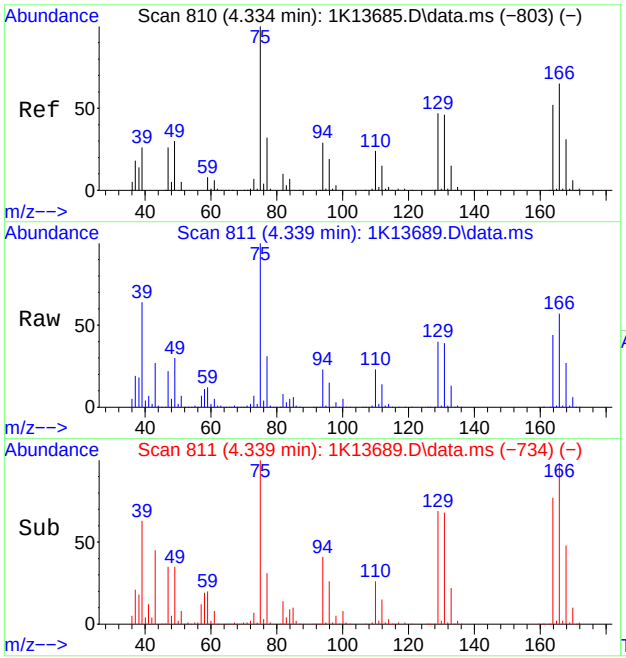


#77
1,1,2-trichloroethane
Concen: 215.31 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 83 Resp: 731633

Ion	Ratio	Lower	Upper
83	100		
97	119.8	95.4	135.4
85	66.2	45.4	85.4
61	80.7	58.8	98.8

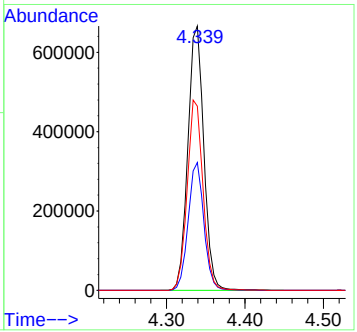


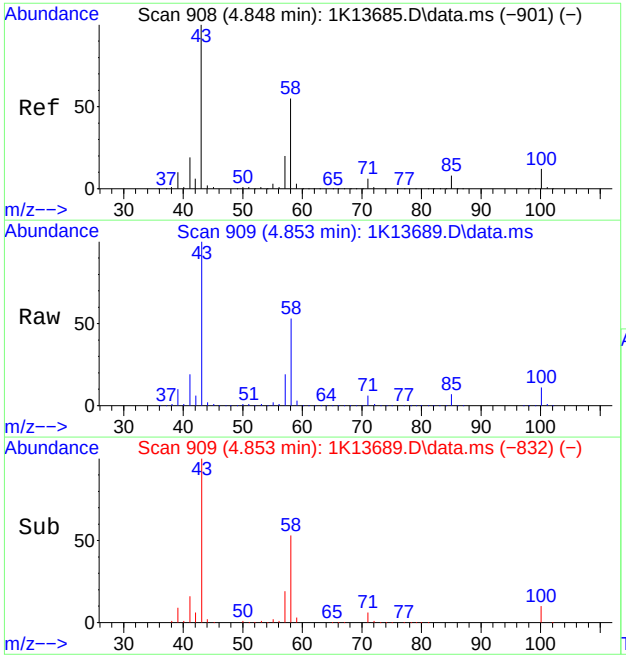


#78
tetrachloroethene
Concen: 199.71 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:166 Resp: 943960

Ion	Ratio	Lower	Upper
166	100		
168	48.3	17.2	77.2
129	69.7	42.2	102.2

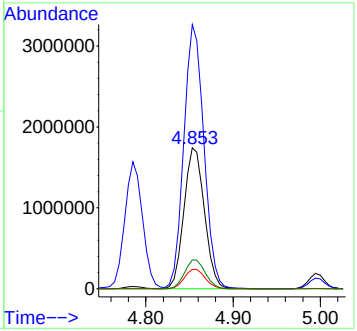


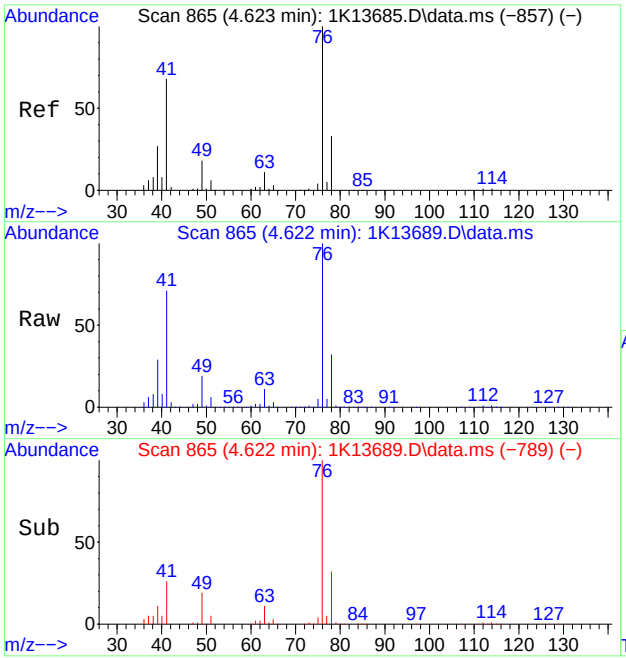


#79
2-hexanone
Concen: 902.98 ug/L
RT: 4.853 min Scan# 909
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 58 Resp: 2838345

Ion	Ratio	Lower	Upper
58	100		
43	187.6	162.0	202.0
85	13.8	0.0	34.2
100	20.5	1.2	41.2

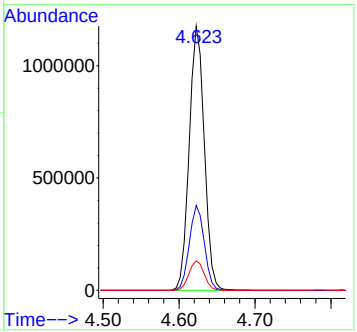


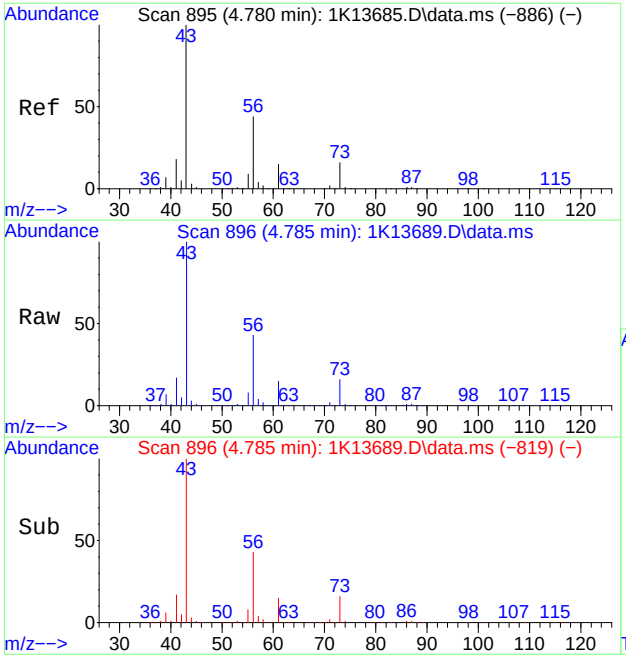


#80
1,3-dichloropropane
Concen: 217.23 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 76 Resp: 1622501

Ion	Ratio	Lower	Upper
76	100		
78	32.1	3.0	63.0
63	11.2	0.0	40.8

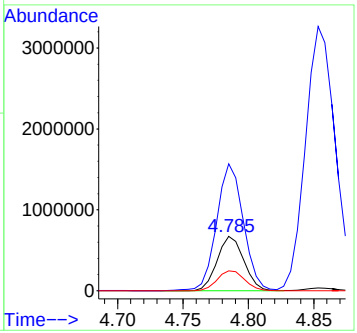


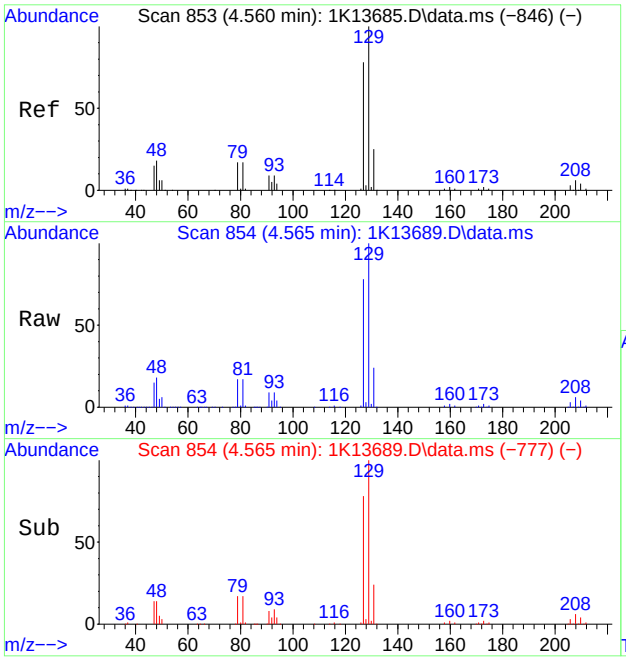


#81
butyl acetate
Concen: 226.13 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 56 Resp: 959978

Ion	Ratio	Lower	Upper
56	100		
43	232.8	198.9	258.9
73	36.6	7.7	67.7

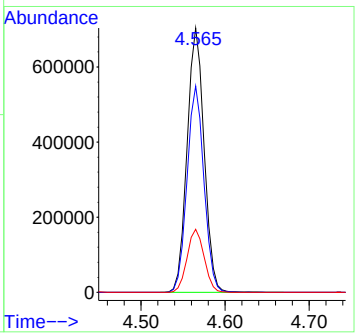


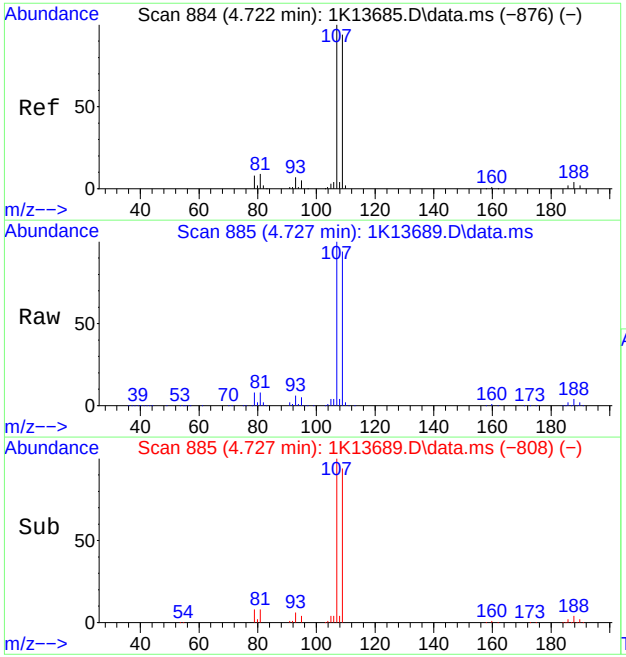


#82
dibromochloromethane
Concen: 241.54 ug/L
RT: 4.565 min Scan# 854
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:129 Resp: 989011

Ion	Ratio	Lower	Upper
129	100		
127	78.0	48.2	108.2
131	23.8	0.0	54.9

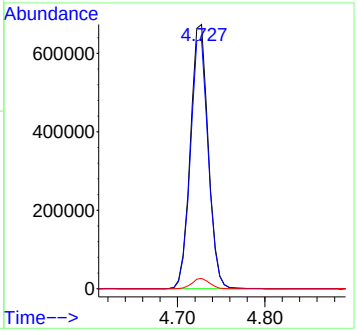


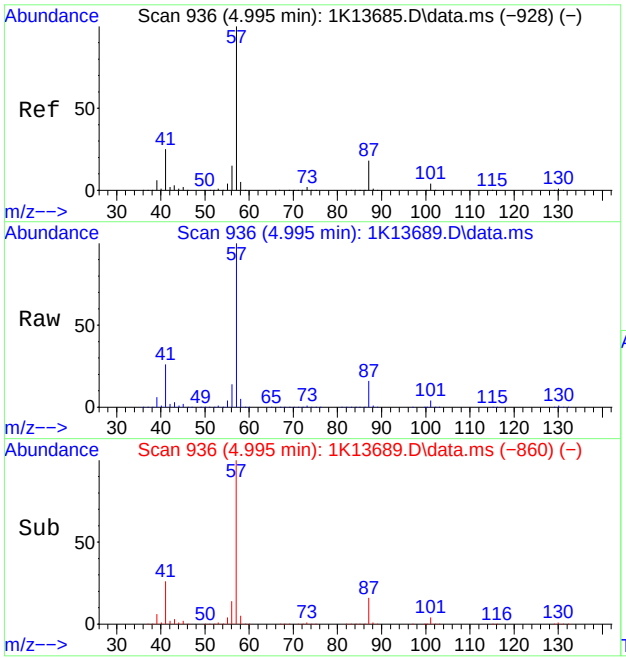


#83
1,2-dibromoethane
Concen: 223.28 ug/L
RT: 4.727 min Scan# 885
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:107 Resp: 958064

Ion	Ratio	Lower	Upper
107	100		
109	94.4	64.1	124.1
188	3.9	0.0	33.9

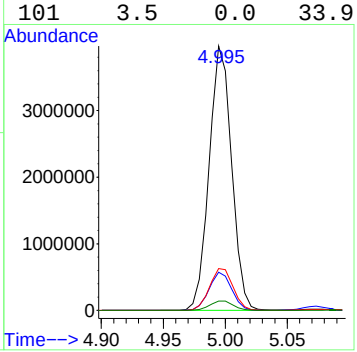


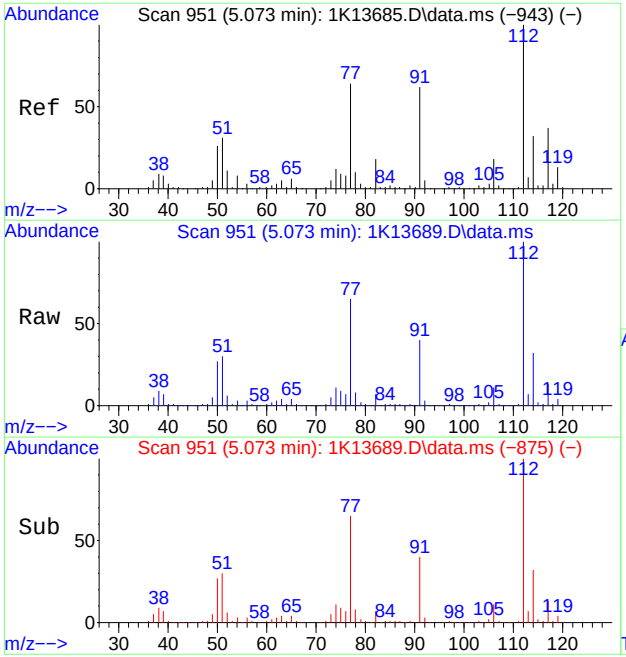


#84
n-butyl ether
Concen: 224.39 ug/L
RT: 4.995 min Scan# 936
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 57 Resp: 5003233

Ion	Ratio	Lower	Upper
57	100		
56	14.5	0.0	44.5
87	15.8	0.0	47.6
101	3.5	0.0	33.9

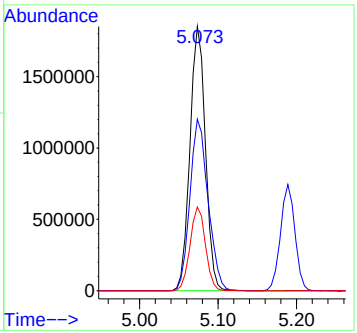


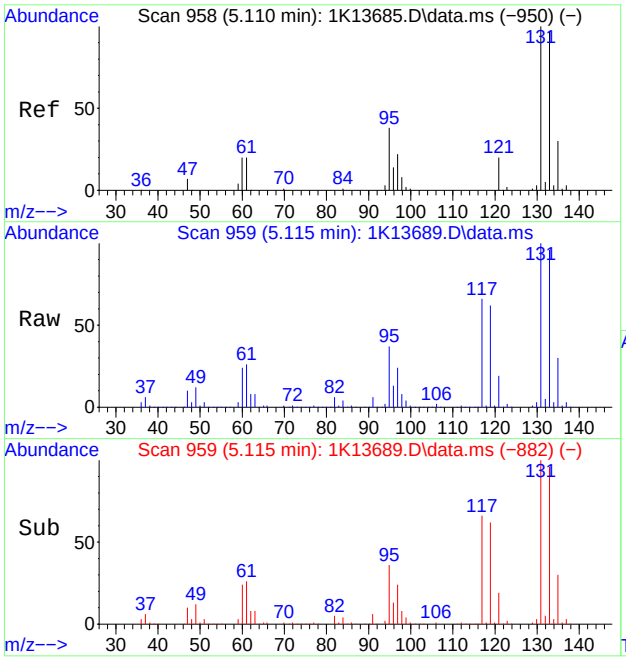


#85
chlorobenzene
Concen: 205.29 ug/L
RT: 5.073 min Scan# 951
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:112 Resp: 2538231

Ion	Ratio	Lower	Upper
112	100		
77	64.9	33.8	93.8
114	31.7	2.0	62.0

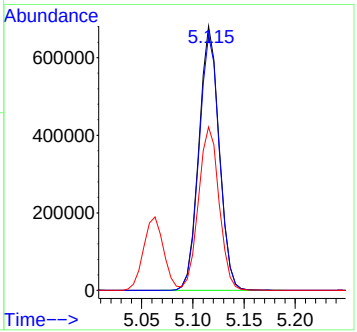


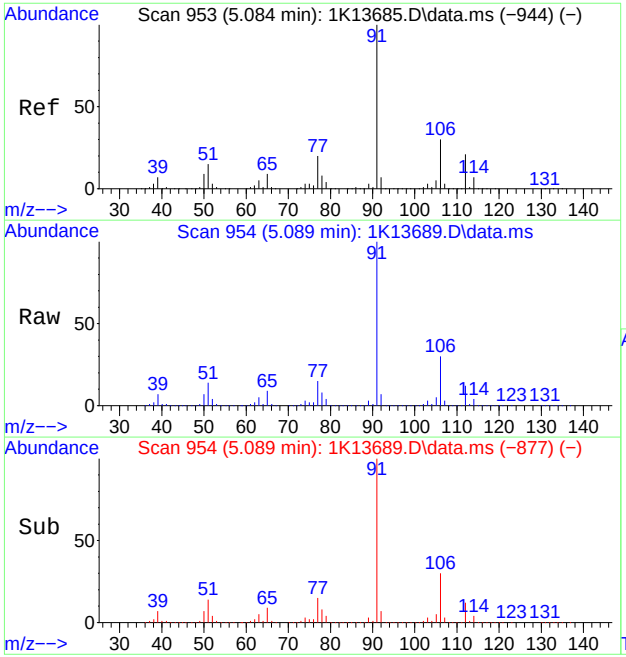


#86
1,1,1,2-tetrachloroethane
Concen: 234.67 ug/L
RT: 5.115 min Scan# 959
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:131 Resp: 942021

Ion	Ratio	Lower	Upper
131	100		
133	96.4	67.0	127.0
119	61.8	34.4	94.4

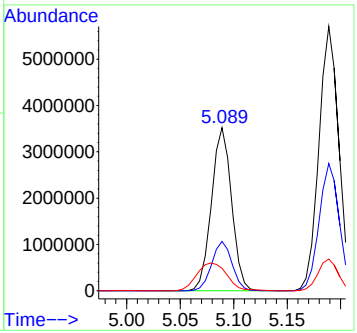


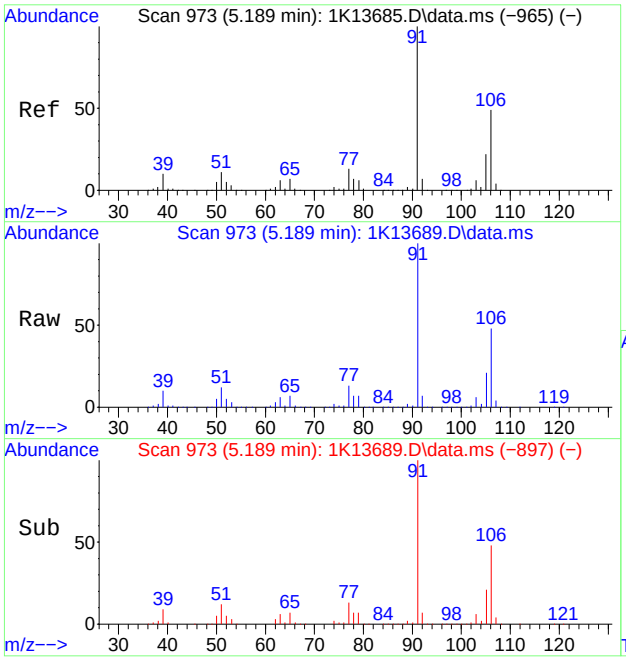


#87
ethylbenzene
Concen: 197.49 ug/L
RT: 5.089 min Scan# 954
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 91 Resp: 4609986

Ion	Ratio	Lower	Upper
91	100		
106	30.3	0.2	60.2
51	13.7	0.0	45.3

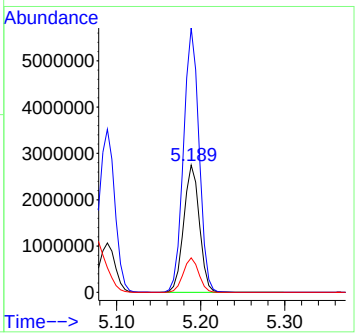


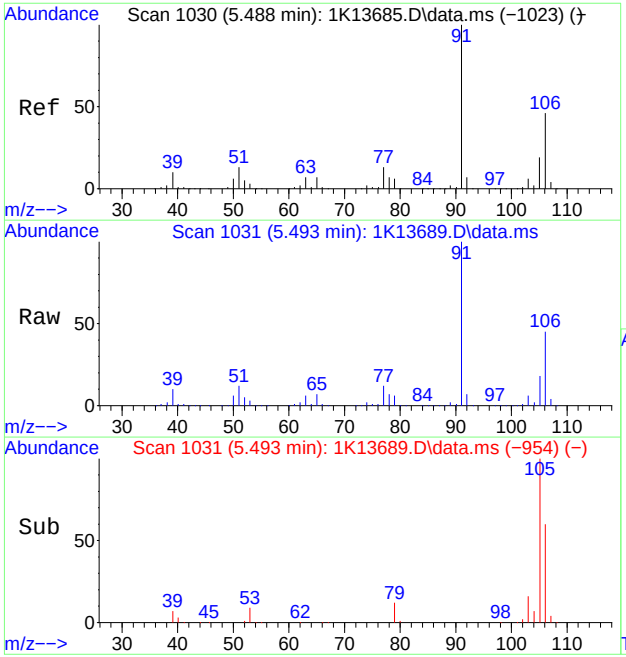


#88
m,p-xylene
Concen: 410.02 ug/L
RT: 5.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:106 Resp: 3554769

Ion	Ratio	Lower	Upper
106	100		
91	207.6	172.8	232.8
77	27.0	5.8	45.8

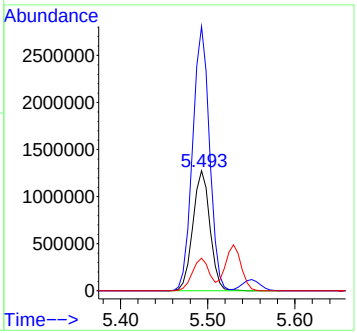


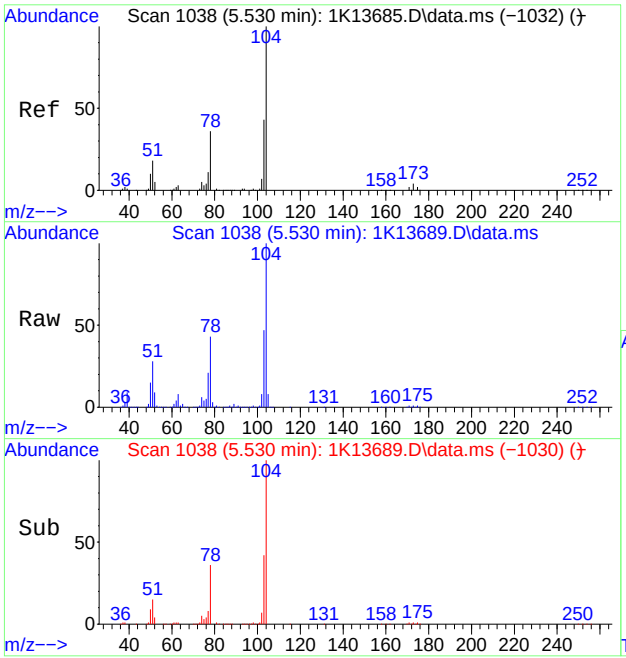


#89
o-xylene
Concen: 211.32 ug/L
RT: 5.493 min Scan# 1031
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:106 Resp: 1736124

Ion	Ratio	Lower	Upper
106	100		
91	220.4	186.3	246.3
77	27.1	7.1	47.1

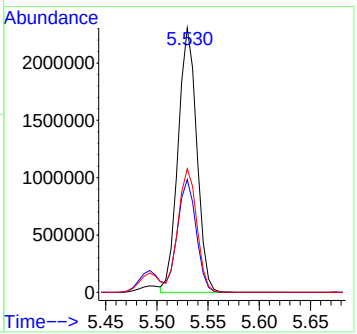


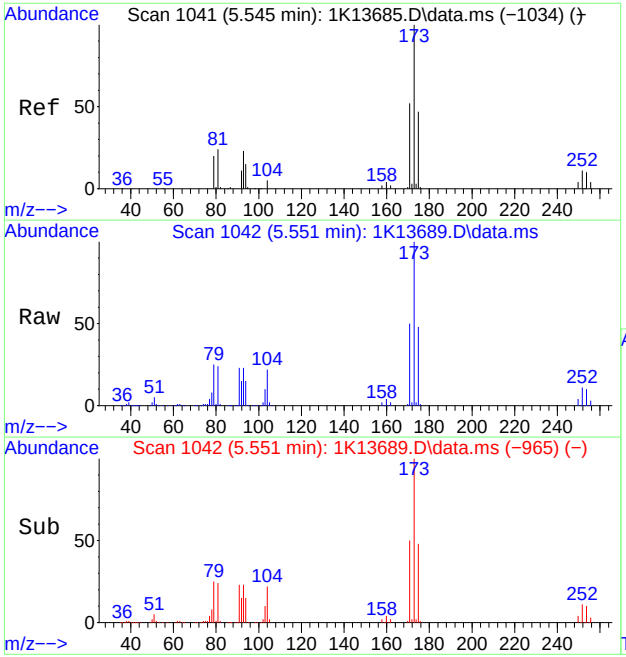


#90
styrene
Concen: 216.35 ug/L
RT: 5.530 min Scan# 1038
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:104 Resp: 2920040

Ion	Ratio	Lower	Upper
104	100		
78	42.6	10.4	70.4
103	46.8	17.6	77.6

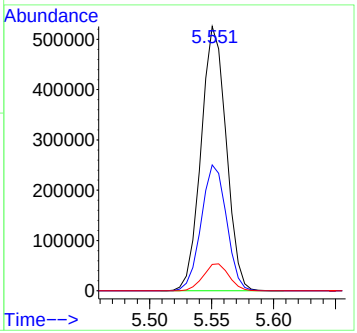


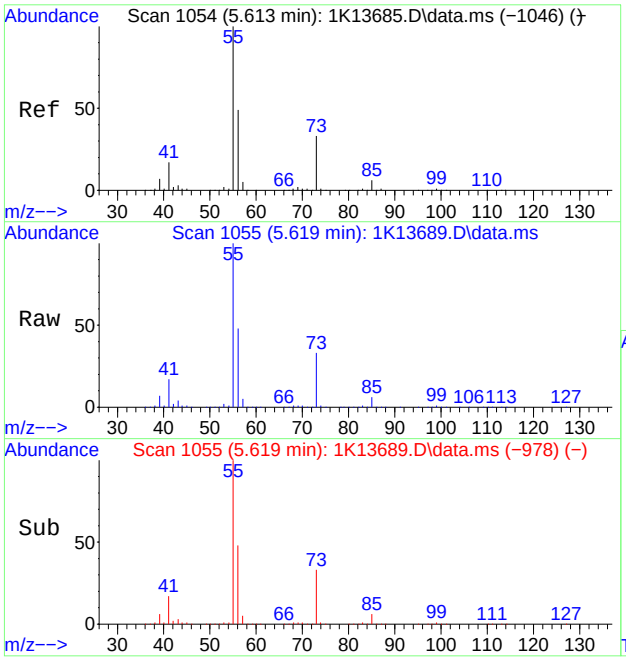


#91
bromoform
Concen: 260.49 ug/L
RT: 5.551 min Scan# 1042
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:173 Resp: 741682

Ion	Ratio	Lower	Upper
173	100		
175	47.6	17.2	77.2
254	9.9	0.0	39.9

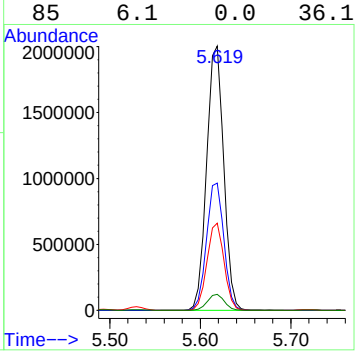




#92
butyl acrylate
Concen: 233.86 ug/L
RT: 5.619 min Scan# 1055
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

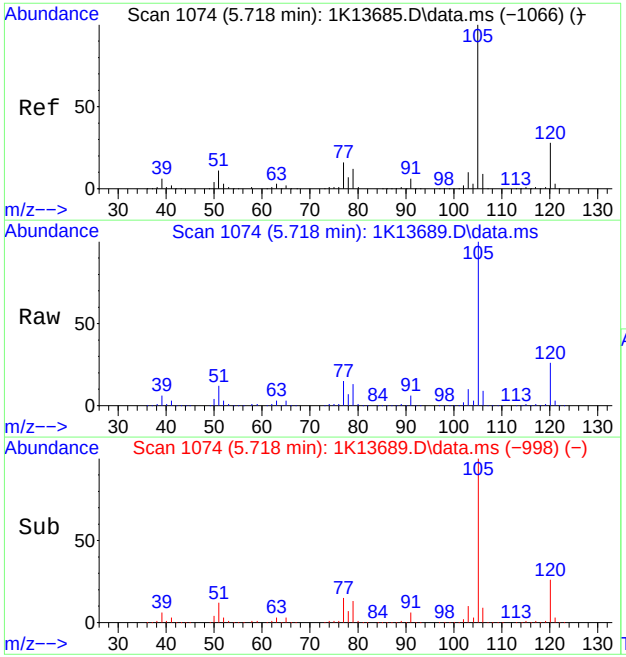
Tgt Ion: 55 Resp: 2620471

Ion	Ratio	Lower	Upper
55	100		
56	48.1	19.4	79.4
73	33.0	3.4	63.4
85	6.1	0.0	36.1



7.6.23

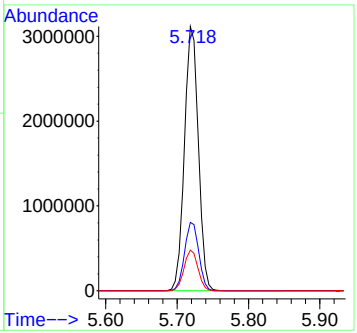
7

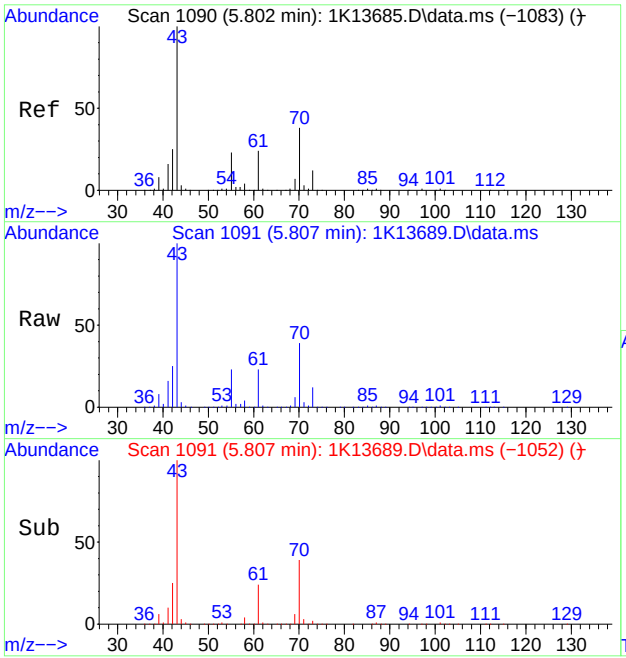


#93
isopropylbenzene
Concen: 215.74 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:105 Resp: 4223195

Ion	Ratio	Lower	Upper
105	100		
120	25.9	7.6	47.6
77	15.3	0.0	35.6

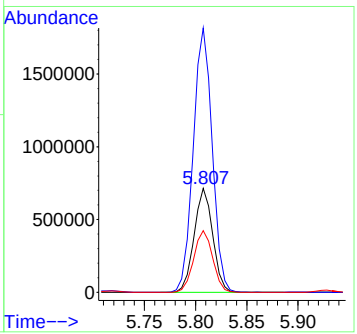


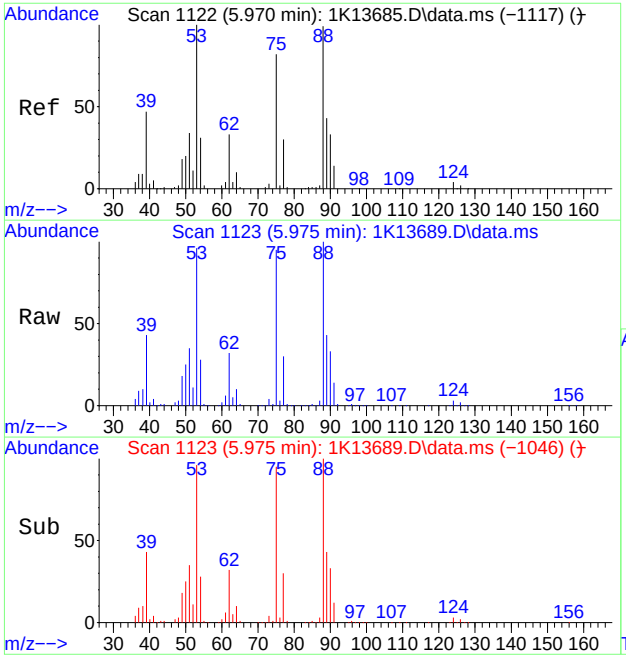


#94
n-amyl acetate
Concen: 224.24 ug/L
RT: 5.807 min Scan# 1091
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 70 Resp: 906711

Ion	Ratio	Lower	Upper
70	100		
43	254.4	241.4	281.4
61	59.4	43.1	83.1

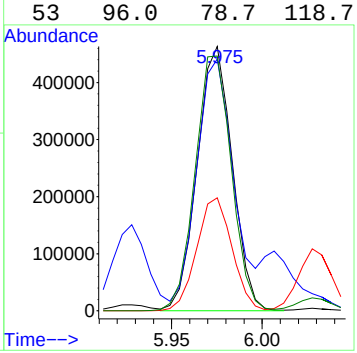


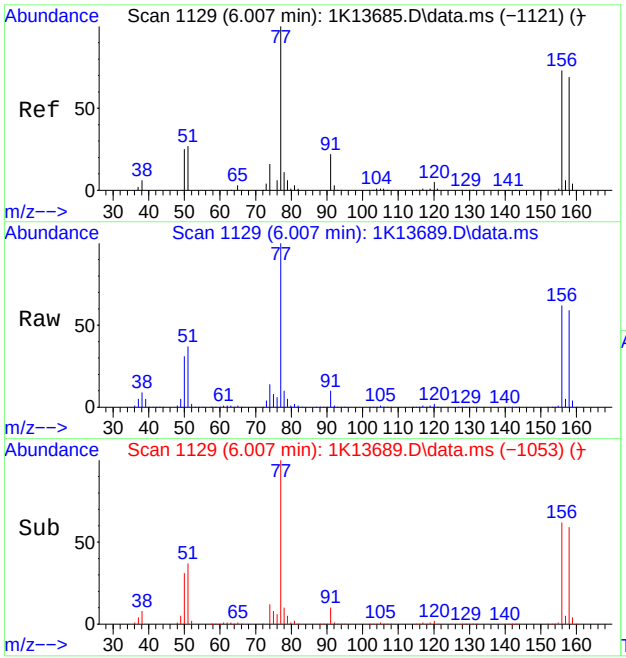


#95
cis-1,4-dichloro-2-butene
Concen: 263.37 ug/L
RT: 5.975 min Scan# 1123
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 88 Resp: 623029

Ion	Ratio	Lower	Upper
88	100		
75	89.4	61.4	101.4
89	42.7	22.1	62.1
53	96.0	78.7	118.7

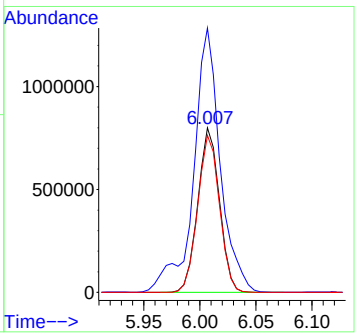


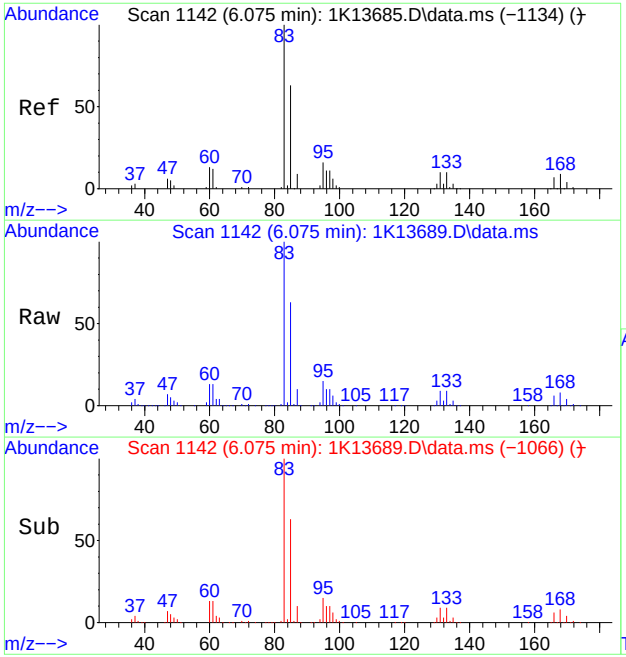


#98
bromobenzene
Concen: 209.16 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:156 Resp: 1070816

Ion	Ratio	Lower	Upper
156	100		
77	160.8	121.4	181.4
158	95.5	64.8	124.8

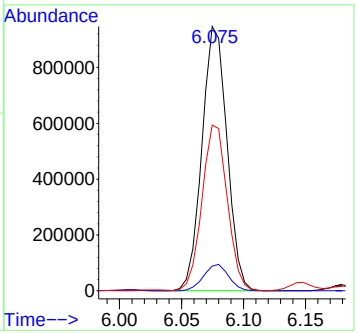


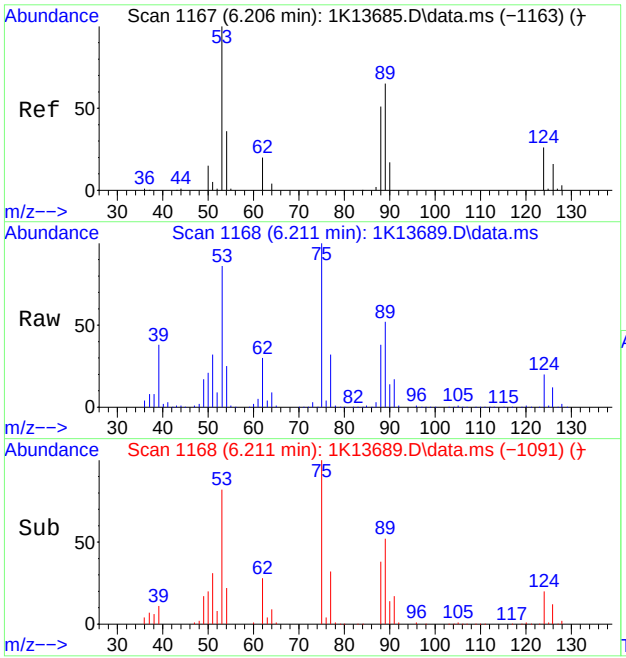


#99
1,1,2,2-tetrachloroethane
Concen: 230.17 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 83 Resp: 1333080

Ion	Ratio	Lower	Upper
83	100		
131	9.4	0.0	40.4
85	62.3	33.3	93.3

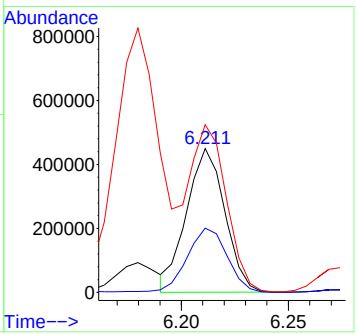


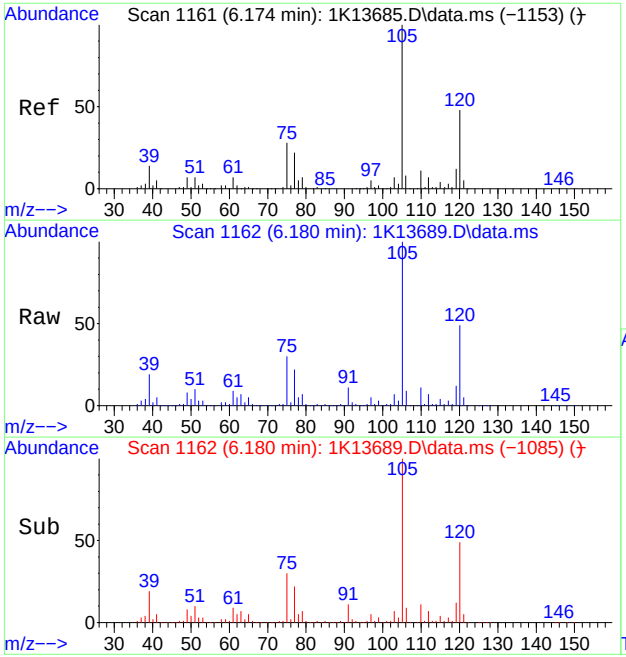


#100
trans-1,4-dichloro-2-butene
Concen: 238.99 ug/L
RT: 6.211 min Scan# 1168
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 53 Resp: 561003

Ion	Ratio	Lower	Upper
53	100		
88	44.6	15.0	75.0
75	116.3	88.4	148.4

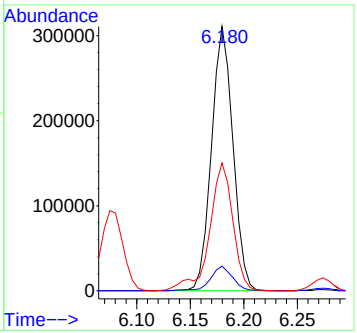


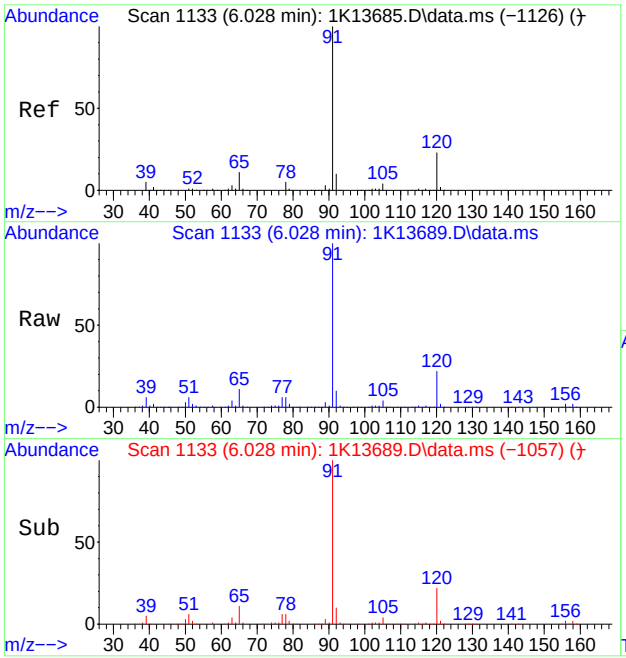


#101
1,2,3-trichloropropane
Concen: 224.06 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:110 Resp: 433670

Ion	Ratio	Lower	Upper
110	100		
111	9.4	0.0	40.4
97	48.3	19.6	79.6

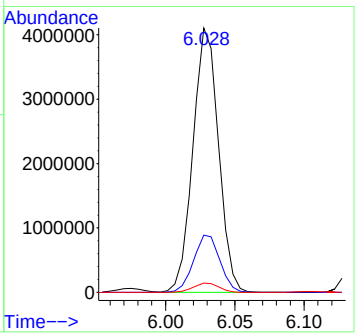


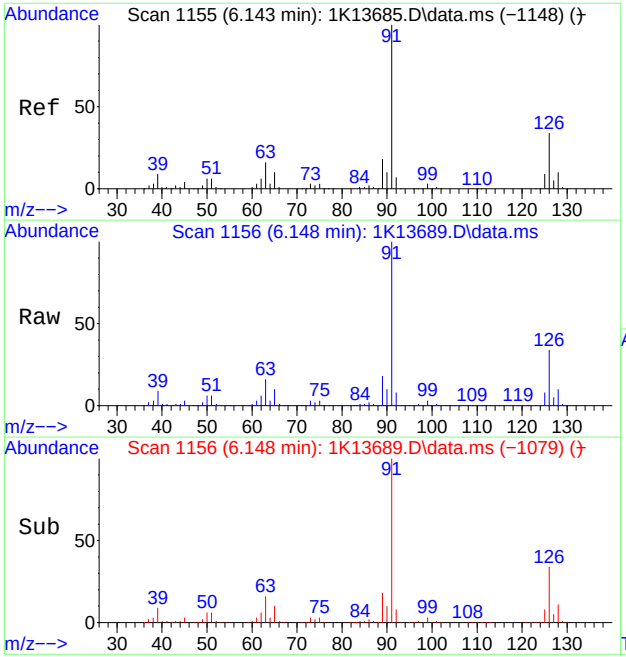


#102
n-propylbenzene
Concen: 214.37 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 91 Resp: 5267417

Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	53.1
105	3.5	0.0	33.8

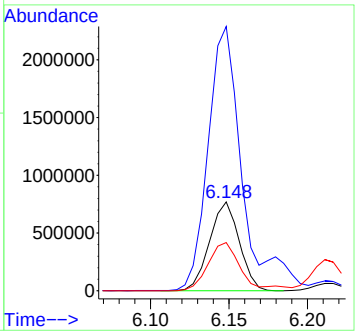


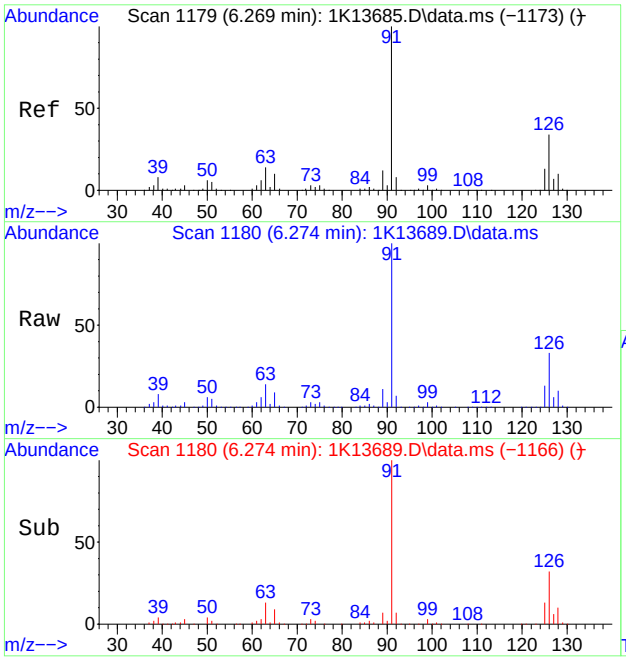


#103
2-chlorotoluene
Concen: 212.27 ug/L
RT: 6.148 min Scan# 1156
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:126 Resp: 1015961

Ion	Ratio	Lower	Upper
126	100		
91	297.3	265.3	325.3
89	54.2	24.5	84.5

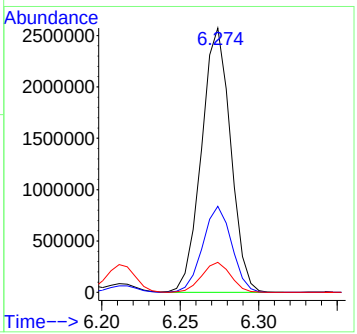


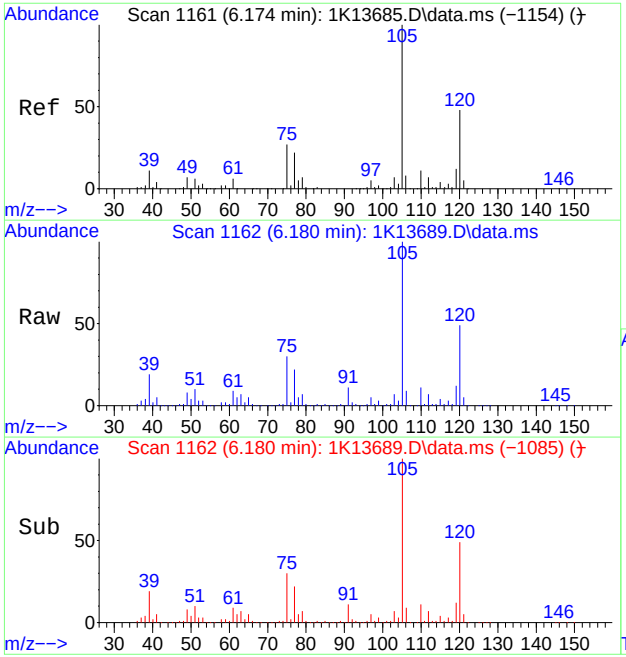


#104
4-chlorotoluene
Concen: 213.55 ug/L
RT: 6.274 min Scan# 1180
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 91 Resp: 3325189

Ion	Ratio	Lower	Upper
91	100		
126	32.6	3.8	63.8
89	11.4	0.0	41.7

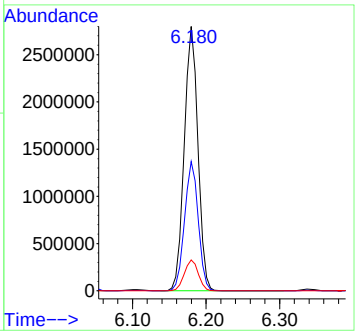


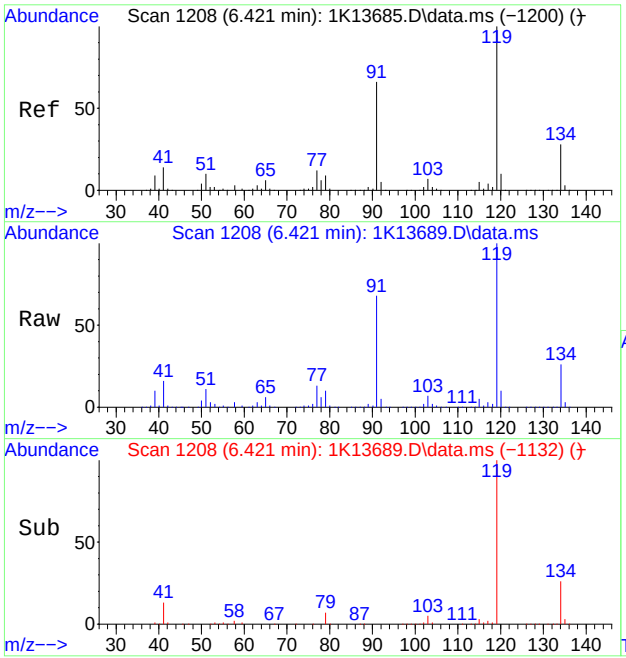


#105
1,3,5-trimethylbenzene
Concen: 215.11 ug/L
RT: 6.180 min Scan# 1162
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:105 Resp: 3615760

Ion	Ratio	Lower	Upper
105	100		
120	48.9	18.3	78.3
119	11.7	0.0	42.2

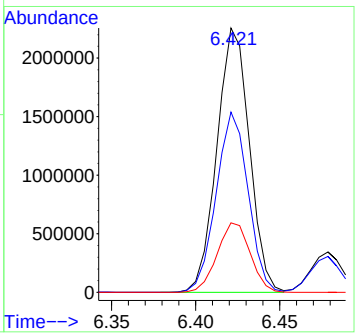


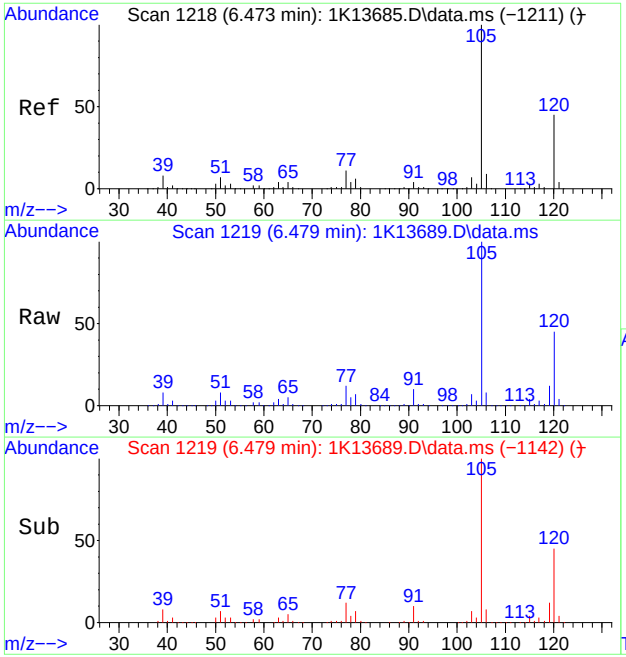


#106
tert-butylbenzene
Concen: 216.09 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:119 Resp: 3043739

Ion	Ratio	Lower	Upper
119	100		
91	68.2	36.3	96.3
134	26.3	0.0	57.5

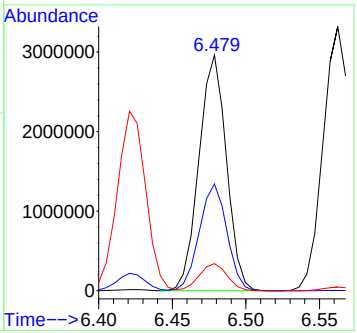


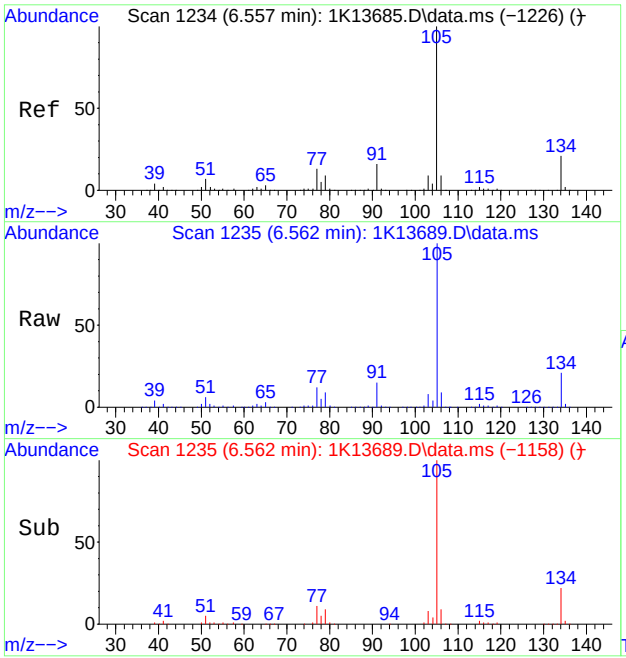


#107
1,2,4-trimethylbenzene
Concen: 220.12 ug/L
RT: 6.479 min Scan# 1219
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:105 Resp: 3835823

Ion	Ratio	Lower	Upper
105	100		
120	45.3	16.6	76.6
119	11.6	0.0	41.7

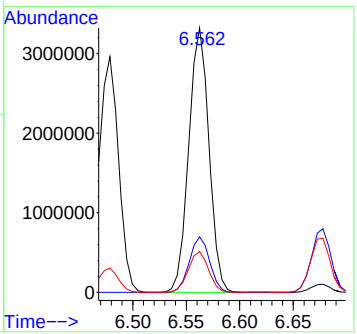


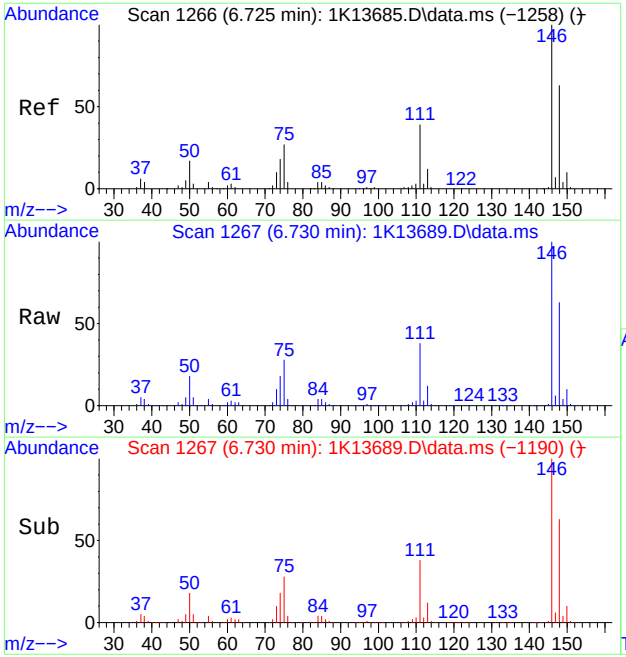


#108
sec-butylbenzene
Concen: 220.43 ug/L
RT: 6.562 min Scan# 1235
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:105 Resp: 4375073

Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	50.7
91	15.5	0.0	45.7

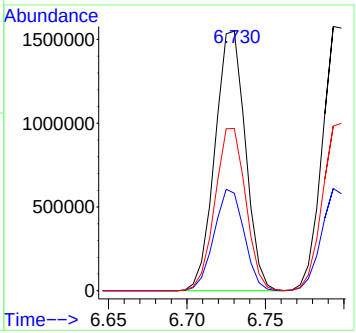


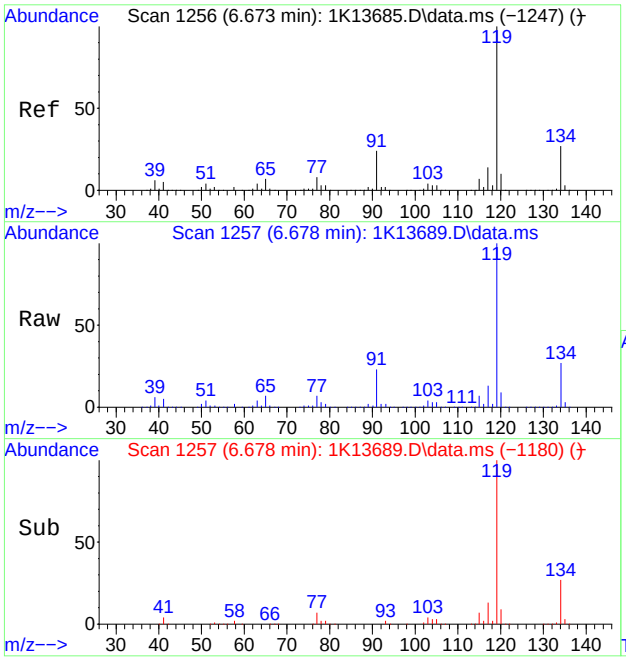


#109
1,3-dichlorobenzene
Concen: 210.19 ug/L
RT: 6.730 min Scan# 1267
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:146 Resp: 2086413

Ion	Ratio	Lower	Upper
146	100		
111	37.6	8.8	68.8
148	62.5	33.3	93.3

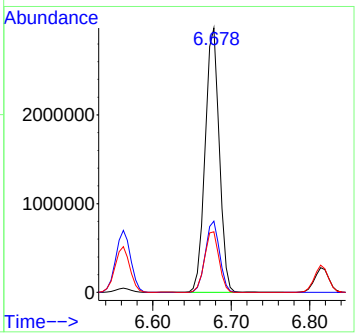


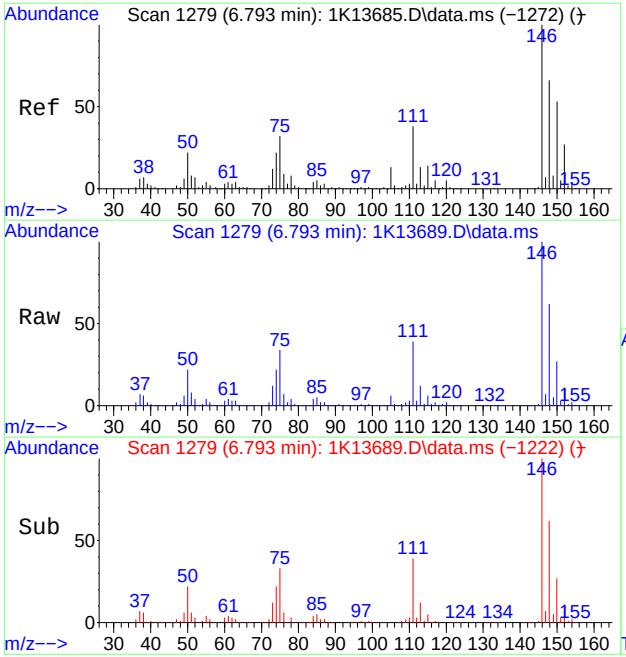


#110
p-isopropyltoluene
Concen: 222.25 ug/L
RT: 6.678 min Scan# 1257
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:119 Resp: 3732243

Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	57.5
91	22.9	0.0	53.9

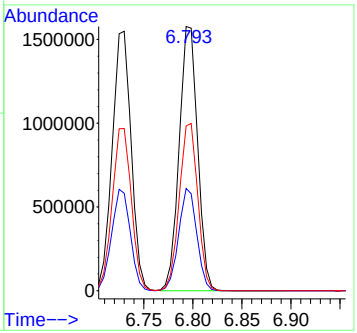


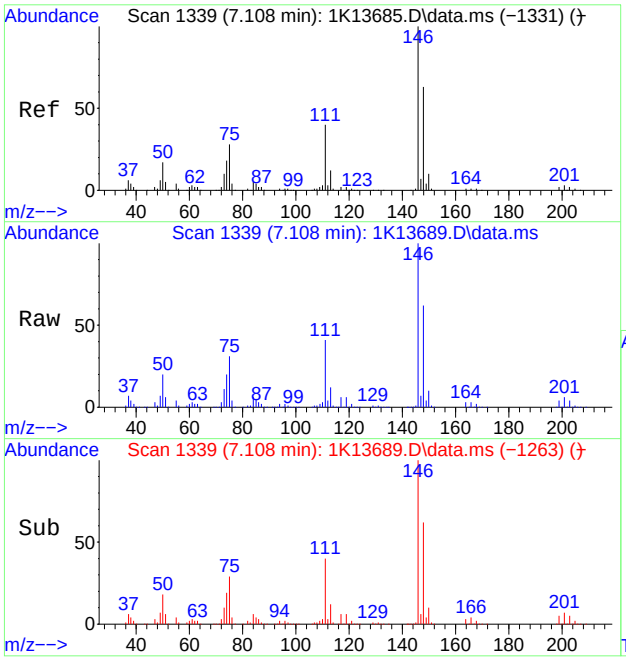


#111
1,4-dichlorobenzene
Concen: 205.39 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:146 Resp: 2063436

Ion	Ratio	Lower	Upper
146	100		
111	38.7	7.8	67.8
148	62.3	35.5	95.5

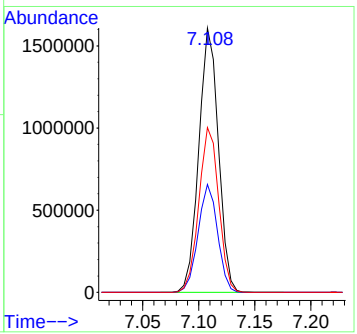


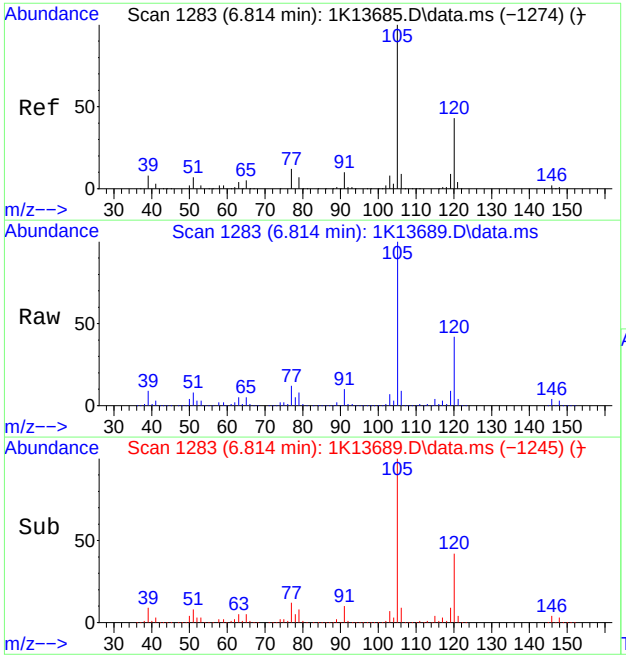


#112
1,2-dichlorobenzene
Concen: 207.06 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:146 Resp: 1951014

Ion	Ratio	Lower	Upper
146	100		
111	40.8	9.5	69.5
148	62.3	32.9	92.9

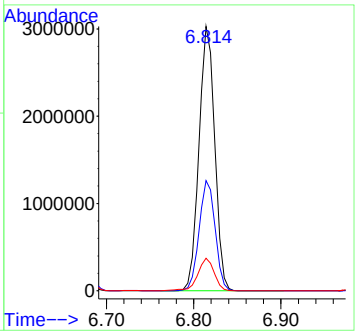


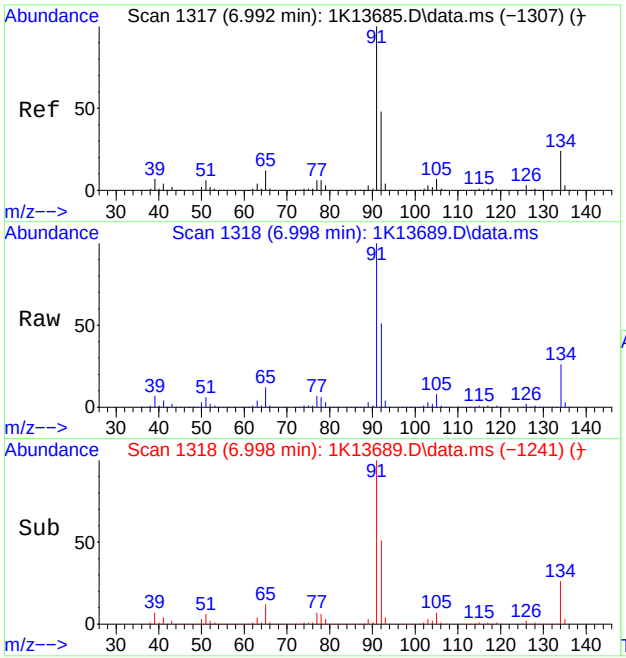


#113
1,2,3-trimethylbenzene
Concen: 211.12 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:105 Resp: 3792867

Ion	Ratio	Lower	Upper
105	100		
120	41.7	13.3	73.3
77	12.3	0.0	42.2

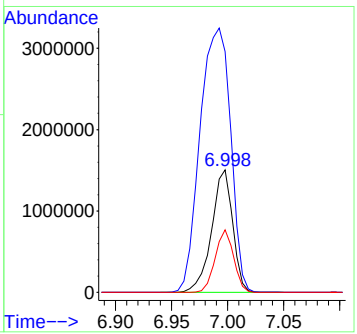


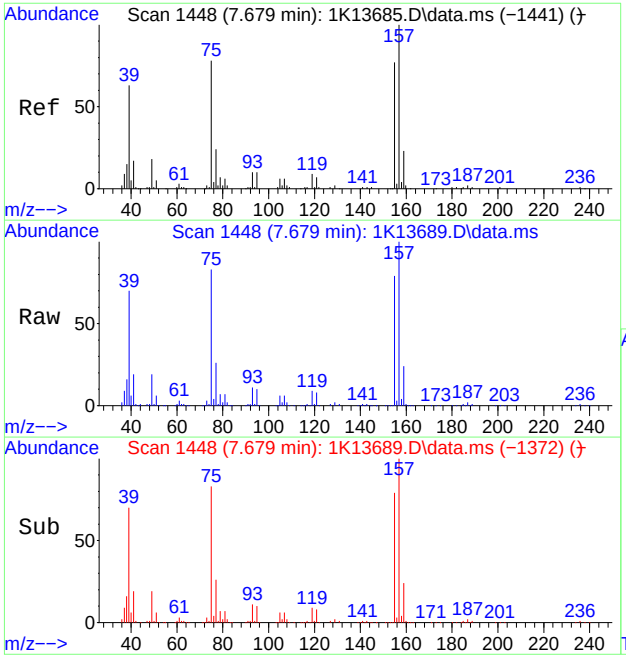


#114
n-butylbenzene
Concen: 219.84 ug/L
RT: 6.998 min Scan# 1318
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion: 92 Resp: 1970314

Ion	Ratio	Lower	Upper
92	100		
91	196.5	176.9	236.9
134	51.1	18.8	78.8

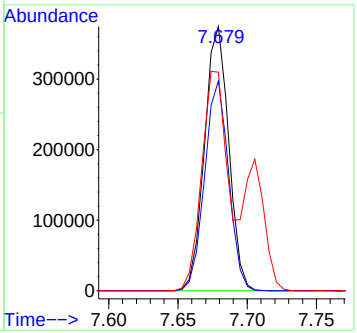


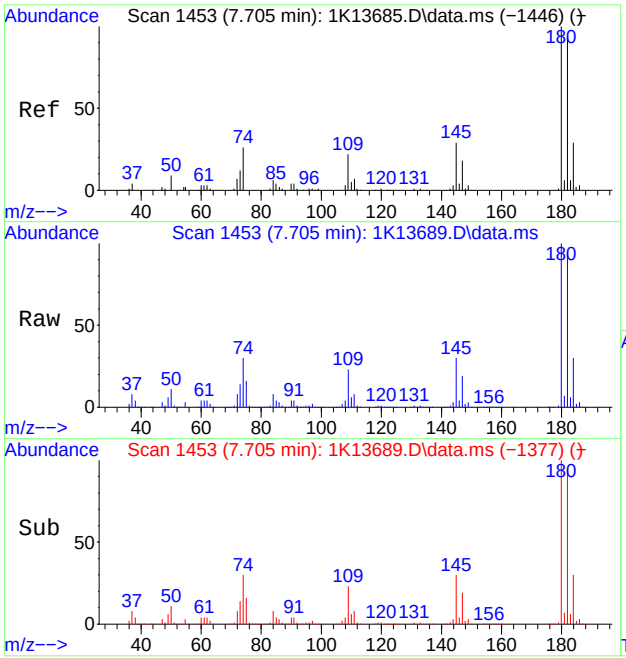


#115
1,2-dibromo-3-chloropropane
Concen: 238.03 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:157 Resp: 454062

Ion	Ratio	Lower	Upper
157	100		
155	79.4	47.4	107.4
75	82.7	47.7	107.7

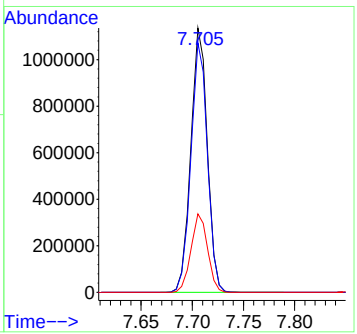


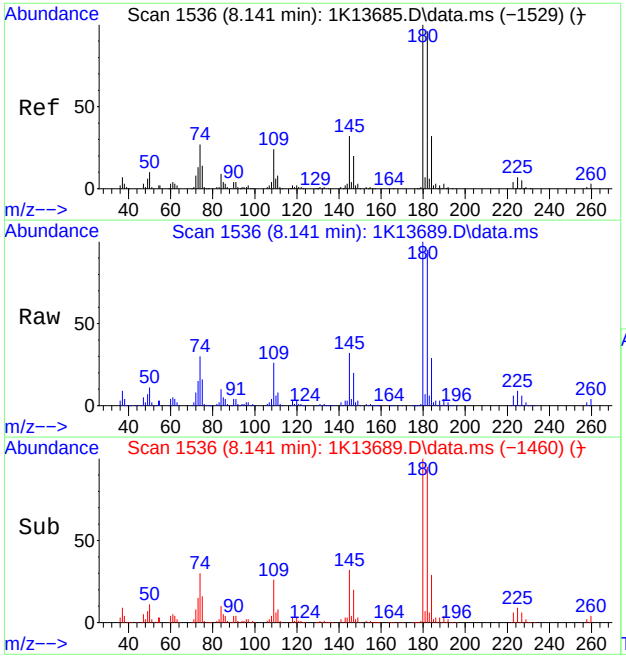


#116
1,3,5-trichlorobenzene
Concen: 204.94 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:180 Resp: 1278424

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.2	114.2
184	29.7	9.3	49.3

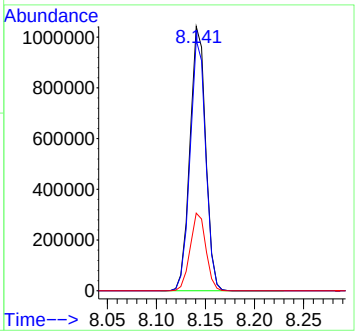


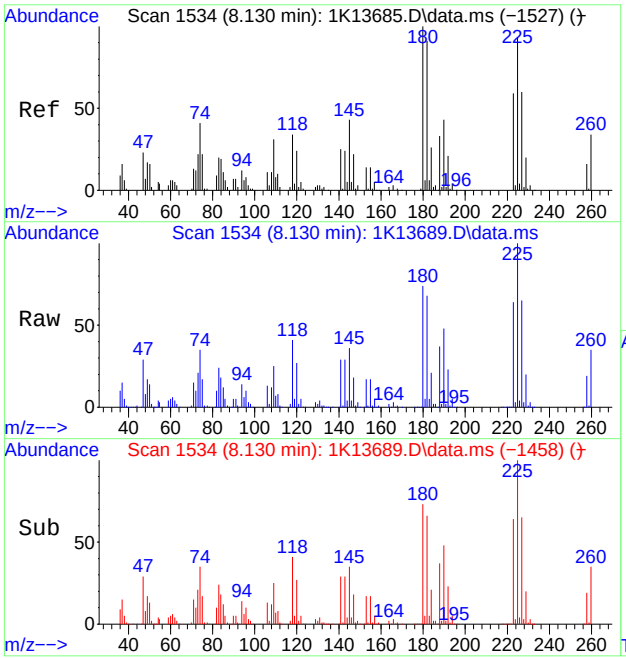


#117
1,2,4-trichlorobenzene
Concen: 206.32 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:180 Resp: 1163116

Ion	Ratio	Lower	Upper
180	100		
182	94.9	66.2	126.2
184	29.4	1.6	61.6

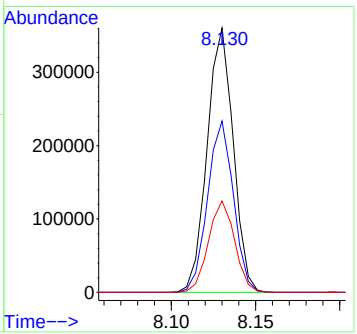


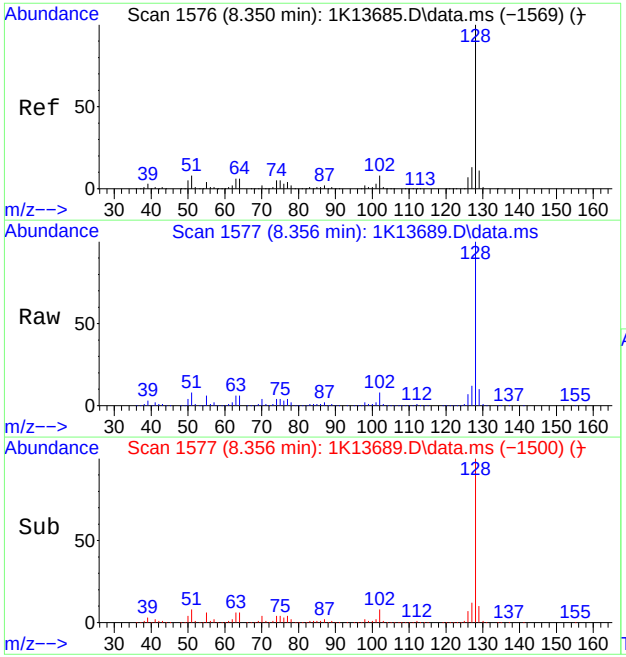


#118
hexachlorobutadiene
Concen: 196.84 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:225 Resp: 389483

Ion	Ratio	Lower	Upper
225	100		
227	64.8	34.0	94.0
260	34.6	6.4	66.4

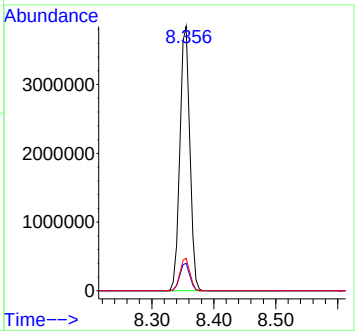


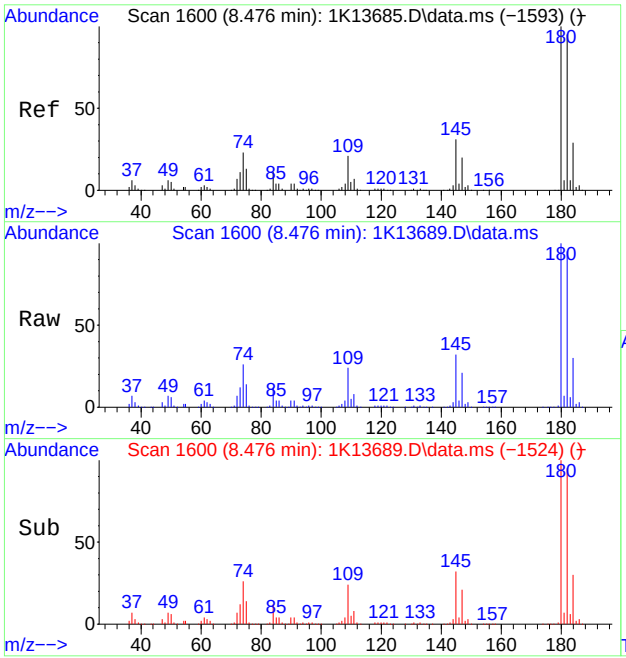


#119
naphthalene
Concen: 218.61 ug/L
RT: 8.356 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:128 Resp: 4282305

Ion	Ratio	Lower	Upper
128	100		
129	10.4	0.0	40.7
127	12.4	0.0	42.5

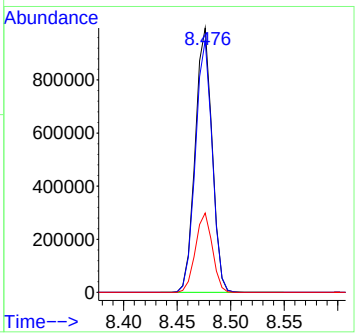


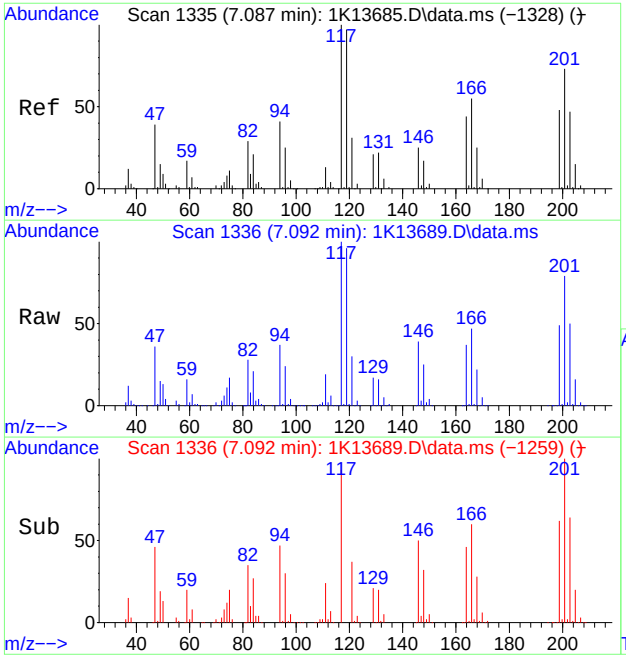


#120
1,2,3-trichlorobenzene
Concen: 208.10 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:180 Resp: 1093979

Ion	Ratio	Lower	Upper
180	100		
182	95.3	64.7	124.7
184	30.0	0.0	59.2

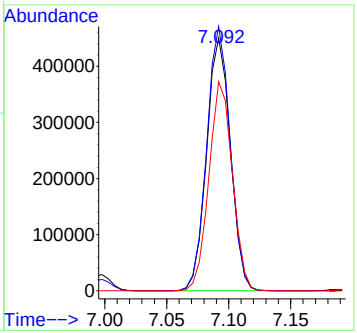


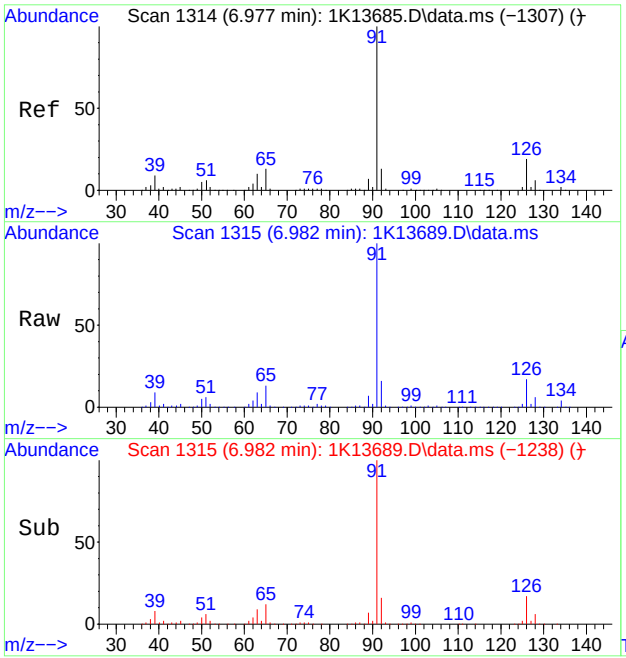


#121
hexachloroethane
Concen: 260.92 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:119 Resp: 601734

Ion	Ratio	Lower	Upper
119	100		
117	104.5	73.4	133.4
201	82.7	45.3	105.3

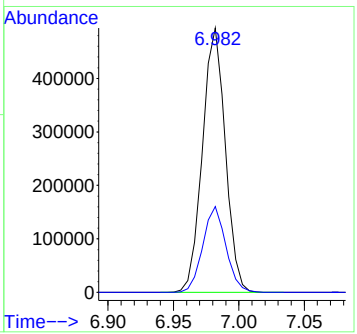


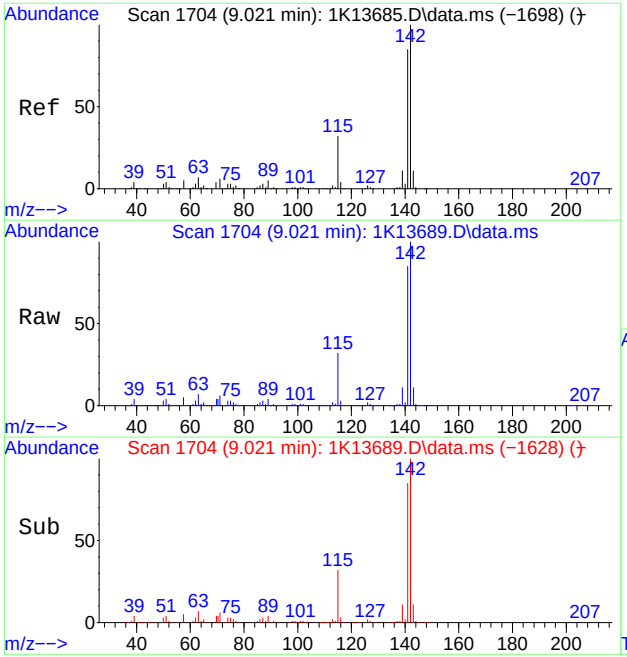


#122
benzyl chloride
Concen: 232.39 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:126 Resp: 603115

Ion	Ratio	Lower	Upper
126	100		
128	32.4	2.6	62.6

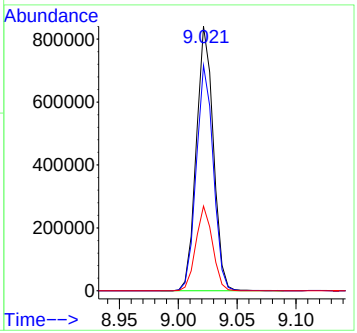




#123
2-methylnaphthalene
Concen: 105.17 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. -0.000 min
Lab File: 1K13689.D
Acq: 2 Dec 2023 6:37 pm

Tgt Ion:142 Resp: 847444

Ion	Ratio	Lower	Upper
142	100		
141	85.3	55.2	115.2
115	32.0	1.8	61.8



7.6.23

7

Manual Integration Approval Summary

Sample Number: V1K376-IC376
Lab FileID: 1K13689.D
Injection Time: 12/02/23 18:37

Method: SW846 8260D
Analyst approved: 12/05/23 08:27 MoHui Huang
Supervisor approved: 12/05/23 11:54 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		1.99	Overlapping peak
Methacrylonitrile	126-98-7		2.99	Missed peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13695.D
Acq On : 2 Dec 2023 8:15 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 04 16:19:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.059	65	536455	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	483365	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	911382	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	743745	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	368039	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	483365	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	368039	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.766	113	245085	50.13	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.26%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	293776	49.95	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.90%				
73) toluene-d8 (s)	4.062	98	1026583	50.31	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.62%				
97) 4-bromofluorobenzene (s)	5.923	95	364292	50.17	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.34%				
Target Compounds							Qvalue
2) ethanol	1.676	45	604449	4829.18	ug/L		100
3) tertiary butyl alcohol	2.090	59	344168	246.51	ug/L		94
4) 1,4-dioxane	3.695	88	143615	1325.16	ug/L		89
7) dichlorodifluoromethane	1.089	85	232956	60.37	ug/L		98
8) chloromethane	1.188	50	224415	52.91	ug/L		98
9) vinyl chloride	1.225	62	261646	53.59	ug/L		97
10) 1,3-butadiene	1.225	39	206235	40.84	ug/L		98
11) bromomethane	1.372	96	45286	51.77	ug/L	#	94
12) chloroethane	1.424	64	115161	42.68	ug/L		98
13) trichlorofluoromethane	1.482	101	274558	50.91	ug/L		100
14) ethyl ether	1.608	74	127047	55.30	ug/L		97
15) acrolein	1.854	56	53939	47.11	ug/L		98
16) freon 113	1.718	151	163573	55.20	ug/L		97
17) 1,1-dichloroethene	1.713	61	331317	55.94	ug/L		98
18) acetone	1.980	58	226982	238.56	ug/L		96
19) acetonitrile	2.190	41	497468	630.24	ug/L		98
20) iodomethane	1.791	142	142660	50.11	ug/L		98
21) carbon disulfide	1.744	76	620021	55.42	ug/L		99
22) methylene chloride	1.970	84	221920	51.97	ug/L		95
23) methyl acetate	2.022	74	61643	56.82	ug/L		95
24) methyl tert butyl ether	2.069	73	689483	54.99	ug/L		93
25) trans-1,2-dichloroethene	2.032	96	212990	53.34	ug/L		96
26) hexane	2.064	57	554740	52.18	ug/L		94
27) di-isopropyl ether	2.226	45	794787	58.61	ug/L		99
28) ethyl tert-butyl ether	2.394	59	798241	56.32	ug/L		98
29) 2-butanone	2.814	72	259650	249.54	ug/L		97
30) 1,1-dichloroethane	2.310	63	438045	55.41	ug/L		100
31) chloroprene	2.300	53	421305	56.12	ug/L		99
32) acrylonitrile	2.326	52	119143	55.14	ug/L		98
33) vinyl acetate	2.399	86	54915	56.05	ug/L		99
34) ethyl acetate	2.714	70	40091	59.60	ug/L		96
35) 2,2-dichloropropane	2.614	77	332272	52.16	ug/L		98
36) cis-1,2-dichloroethene	2.557	96	235406	52.55	ug/L		99
37) propionitrile	2.971	54	696167	532.93	ug/L		96
38) methyl acrylate	2.730	85	63327	55.73	ug/L	#	91
39) bromochloromethane	2.656	128	108609	54.93	ug/L		94
40) tetrahydrofuran	2.761	71	50047	52.98	ug/L		95
41) chloroform	2.677	47	130110	51.03	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13695.D
Acq On : 2 Dec 2023 8:15 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 04 16:19:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) methacrylonitrile	2.981	67	139795	51.32	ug/L		92
44) 1,1,1-trichloroethane	2.793	97	352629	54.24	ug/L		98
45) cyclohexane	2.667	84	378622	52.82	ug/L		93
46) 1,1-dichloropropene	2.850	75	327810	55.80	ug/L		99
47) carbon tetrachloride	2.761	117	295916	52.11	ug/L		98
48) isobutyl alcohol	3.018	43	504869	571.47	ug/L		85
49) tert-amyl alcohol	3.092	55	129290	285.95	ug/L		97
52) iso-octane	2.898	57	783035	56.07	ug/L		98
53) benzene	2.976	78	940435	52.35	ug/L		99
54) tert-amyl methyl ether	3.013	73	708876	51.70	ug/L		99
55) heptane	2.934	57	134519	52.61	ug/L		95
56) isopropyl acetate	3.165	87	77810	59.28	ug/L		96
57) 1,2-dichloroethane	3.071	62	323771	50.28	ug/L		100
58) n-butyl alcohol	3.401	56	1023971	2944.48	ug/L		100
59) ethyl acrylate	3.532	55	447177	55.26	ug/L		99
60) trichloroethene	3.270	130	243751	53.77	ug/L		99
61) 2-nitropropane	4.224	41	131790	58.04	ug/L	#	18
62) 2-chloroethyl vinyl ether	3.894	63	817828	310.73	ug/L		98
63) methyl methacrylate	3.653	100	82090	56.23	ug/L		98
64) 1,2-dichloropropane	3.558	63	249716	54.00	ug/L		99
65) methylcyclohexane	3.275	98	195073	55.65	ug/L	#	90
66) dibromomethane	3.501	93	137174	51.94	ug/L		99
67) bromodichloromethane	3.584	83	295400	52.72	ug/L		98
68) epichlorohydrin	4.088	57	250823	267.52	ug/L		99
69) cis-1,3-dichloropropene	3.946	75	392876	55.37	ug/L		99
70) 4-methyl-2-pentanone	4.308	58	590858	224.36	ug/L		98
71) 3-methyl-1-butanol	4.161	70	341485	1218.56	ug/L		98
74) toluene	4.093	92	561064	52.42	ug/L		100
75) ethyl methacrylate	4.423	69	345609	57.12	ug/L		99
76) trans-1,3-dichloropropene	4.339	75	370315	56.80	ug/L		100
77) 1,1,2-trichloroethane	4.439	83	172271	54.93	ug/L		99
79) 2-hexanone	4.848	58	676374	232.12	ug/L		99
80) 1,3-dichloropropane	4.623	76	383018	55.55	ug/L		98
81) butyl acetate	4.780	56	228607	58.08	ug/L		97
82) dibromochloromethane	4.560	129	220733	57.70	ug/L		98
83) 1,2-dibromoethane	4.722	107	220180	55.42	ug/L		98
84) n-butyl ether	4.990	57	1156745	56.00	ug/L		98
85) chlorobenzene	5.073	112	600897	52.96	ug/L		99
86) 1,1,1,2-tetrachloroethane	5.110	131	218214	58.27	ug/L		97
87) ethylbenzene	5.084	91	1093479	51.25	ug/L		99
88) m,p-xylene	5.184	106	841094	105.73	ug/L		98
89) o-xylene	5.488	106	412915	54.60	ug/L		97
90) styrene	5.524	104	686301	55.11	ug/L		97
91) bromoform	5.545	173	160952	59.76	ug/L		100
92) butyl acrylate	5.613	55	598328	57.37	ug/L		99
93) isopropylbenzene	5.718	105	1013434	56.12	ug/L		98
94) n-amyl acetate	5.802	70	217681	58.04	ug/L		96
95) cis-1,4-dichloro-2-butene	5.970	88	128480	57.32	ug/L		97
98) bromobenzene	6.007	156	255816	53.86	ug/L		99
99) 1,1,2,2-tetrachloroethane	6.075	83	297902	54.87	ug/L		99
100) trans-1,4-dichloro-2-b...	6.206	53	134200	60.59	ug/L		98
101) 1,2,3-trichloropropane	6.174	110	102224	56.43	ug/L		97
102) n-propylbenzene	6.028	91	1228175	53.73	ug/L		99
103) 2-chlorotoluene	6.143	126	244954	55.08	ug/L		98
104) 4-chlorotoluene	6.269	91	772291	53.34	ug/L		98
105) 1,3,5-trimethylbenzene	6.174	105	858699	54.90	ug/L		99
106) tert-butylbenzene	6.421	119	749436	57.15	ug/L		98
107) 1,2,4-trimethylbenzene	6.473	105	895085	55.06	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13695.D
Acq On : 2 Dec 2023 8:15 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 04 16:19:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

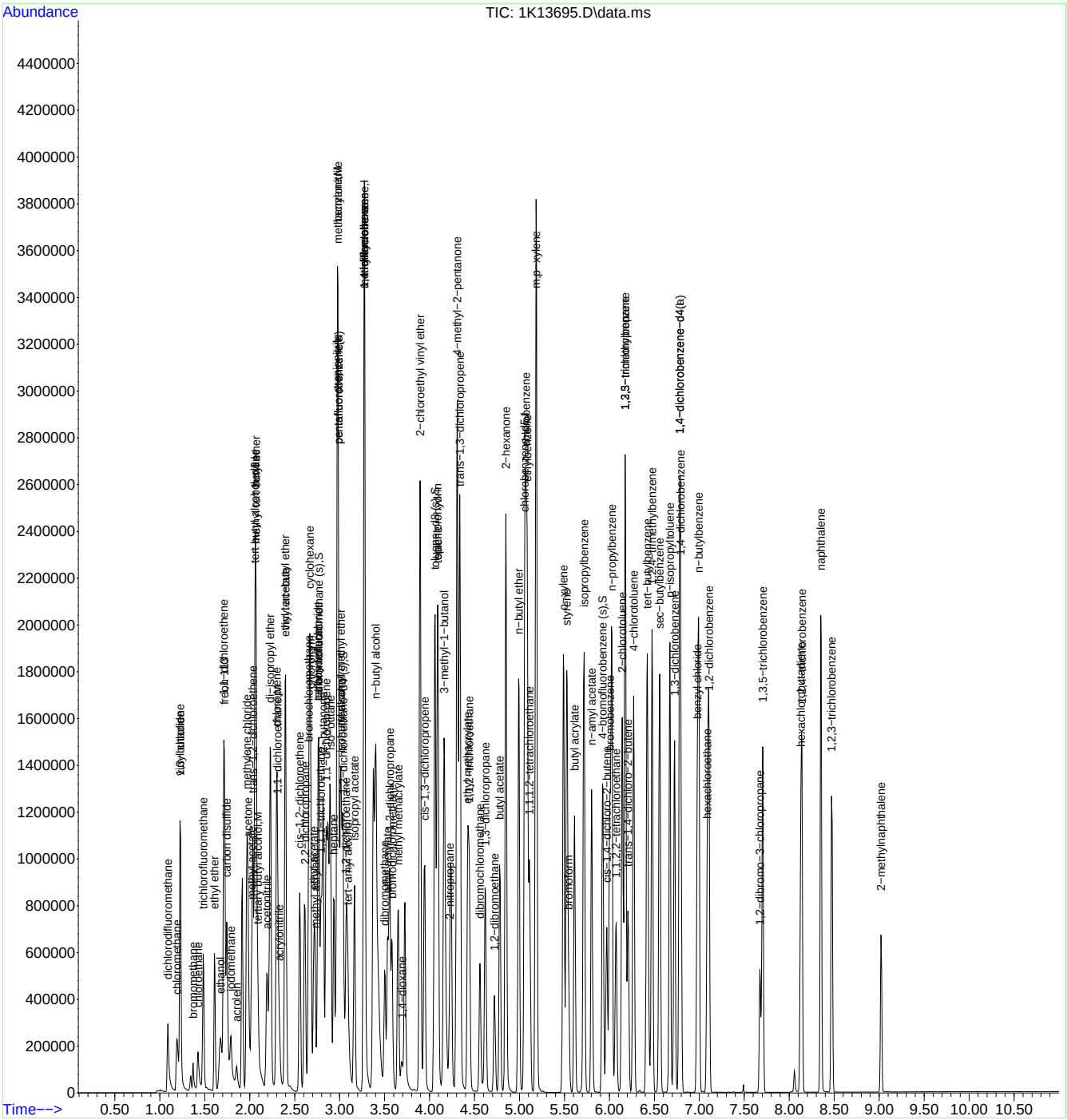
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) sec-butylbenzene	6.557	105	1018164	54.98	ug/L	99
109) 1,3-dichlorobenzene	6.725	146	489918	53.17	ug/L	99
110) p-isopropyltoluene	6.673	119	879788	56.10	ug/L	99
111) 1,4-dichlorobenzene	6.793	146	495240	53.22	ug/L	98
112) 1,2-dichlorobenzene	7.108	146	469056	53.71	ug/L	99
114) n-butylbenzene	6.992	92	468219	56.01	ug/L	100
115) 1,2-dibromo-3-chloropr...	7.674	157	104031	57.83	ug/L	93
116) 1,3,5-trichlorobenzene	7.705	180	335264	58.05	ug/L	99
117) 1,2,4-trichlorobenzene	8.141	180	289328	55.40	ug/L	98
118) hexachlorobutadiene	8.130	225	101403	55.59	ug/L	99
119) naphthalene	8.350	128	994673	54.48	ug/L	100
120) 1,2,3-trichlorobenzene	8.471	180	270997	55.59	ug/L	99
121) hexachloroethane	7.087	119	133887	60.80	ug/L	99
122) benzyl chloride	6.977	126	134049	54.82	ug/L	98
123) 2-methylnaphthalene	9.021	142	212142	28.34	ug/L	100

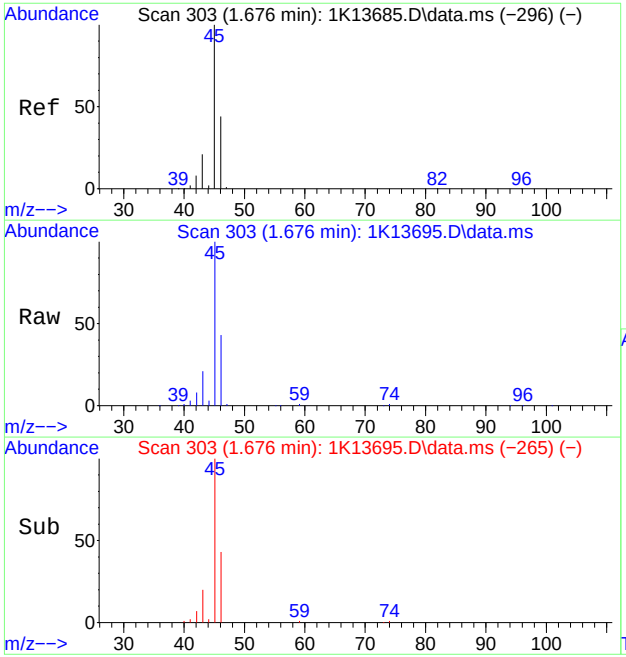
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13695.D
Acq On : 2 Dec 2023 8:15 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 04 16:19:12 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

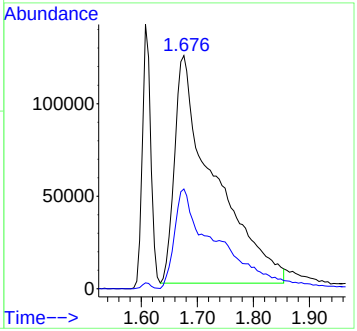


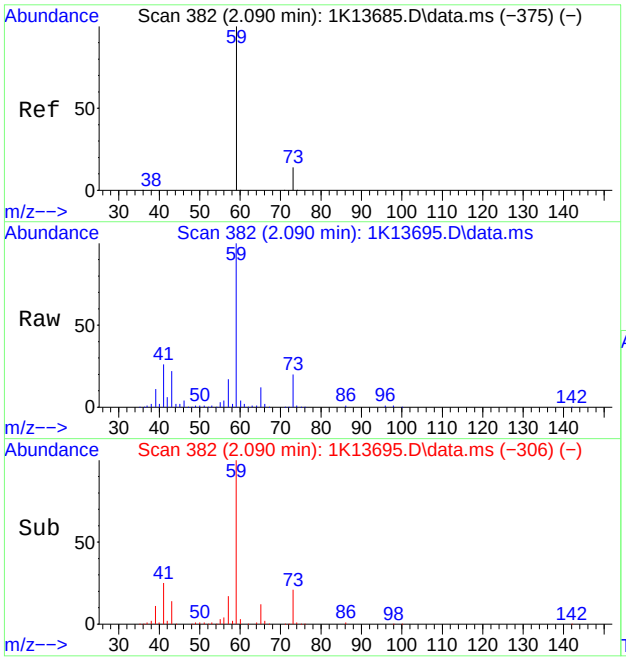


#2
ethanol
Concen: 4829.18 ug/L
RT: 1.676 min Scan# 303
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 45 Resp: 604449

Ion	Ratio	Lower	Upper
45	100		
46	43.6	23.9	63.9

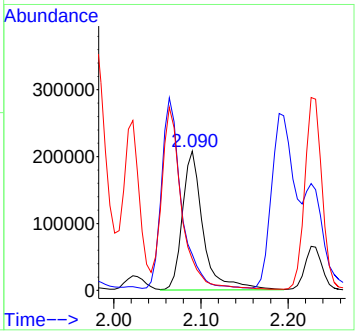


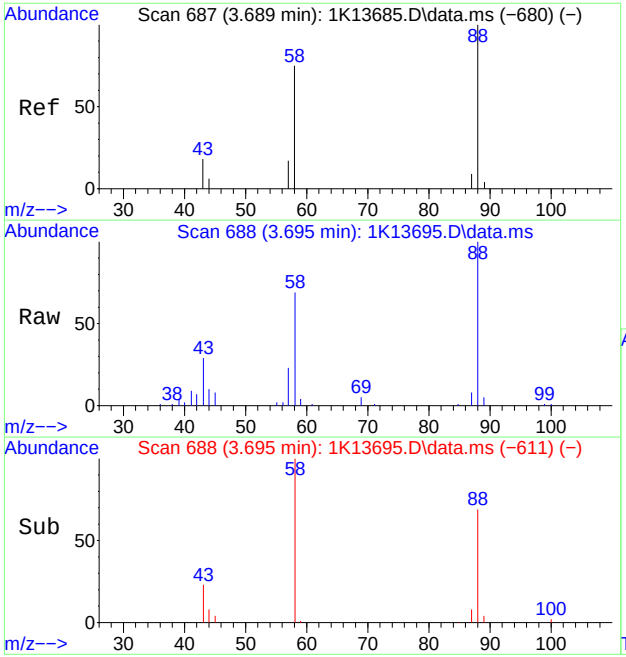


#3
tertiary butyl alcohol
Concen: 246.51 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 59 Resp: 344168

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	21.6	0.0	54.8

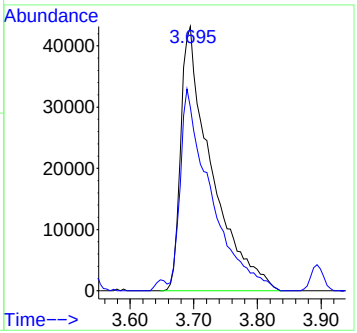


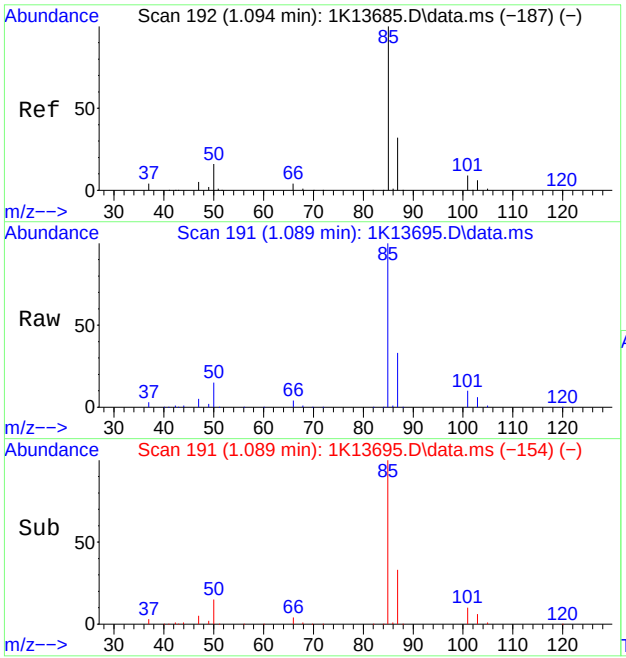


#4
1,4-dioxane
Concen: 1325.16 ug/L
RT: 3.695 min Scan# 688
Delta R.T. 0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 88 Resp: 143615

Ion	Ratio	Lower	Upper
88	100		
58	69.5	59.5	99.5

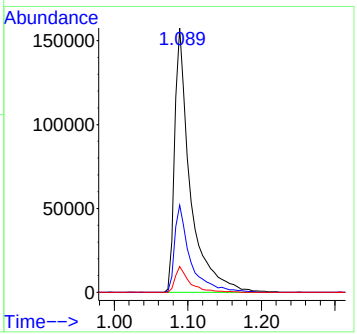


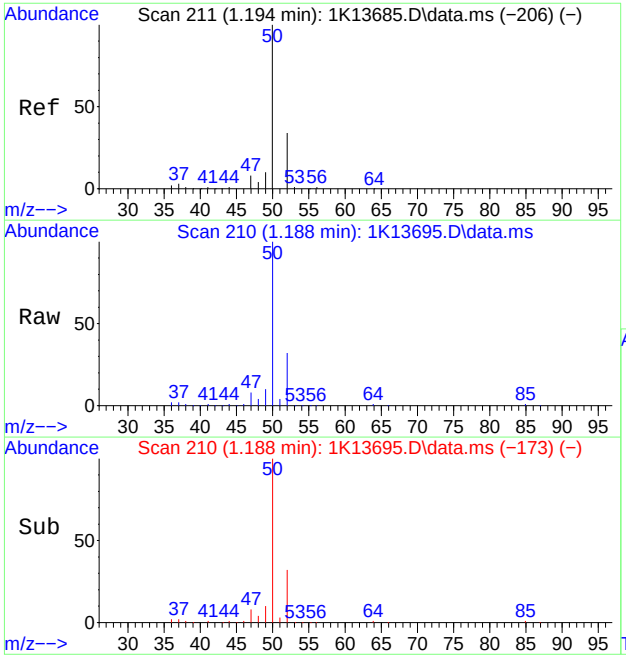


#7
dichlorodifluoromethane
Concen: 60.37 ug/L
RT: 1.089 min Scan# 191
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 85 Resp: 232956

Ion	Ratio	Lower	Upper
85	100		
87	33.0	2.2	62.2
101	9.8	0.0	39.0

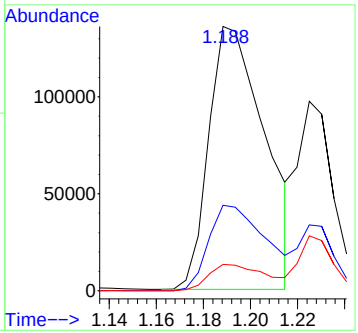


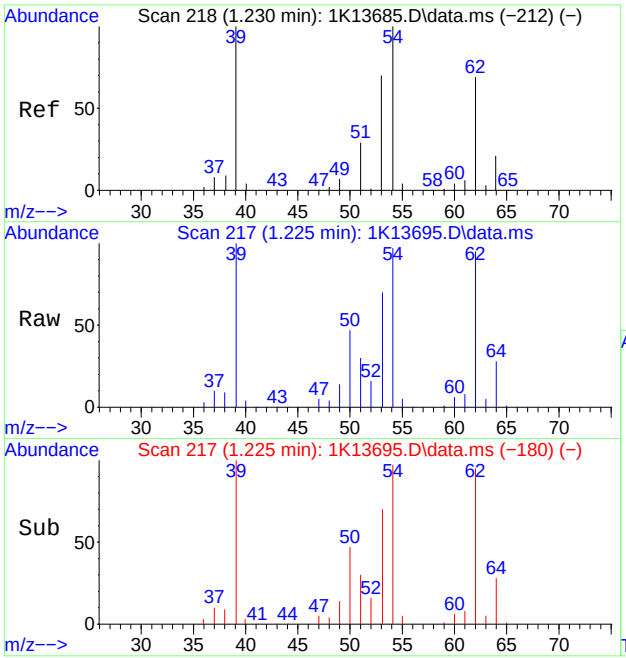


#8
chloromethane
Concen: 52.91 ug/L
RT: 1.188 min Scan# 210
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 50 Resp: 224415

Ion	Ratio	Lower	Upper
50	100		
52	32.5	3.6	63.6
49	10.0	0.0	40.4

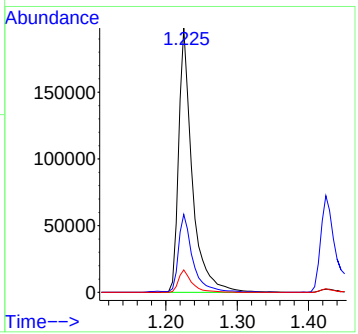


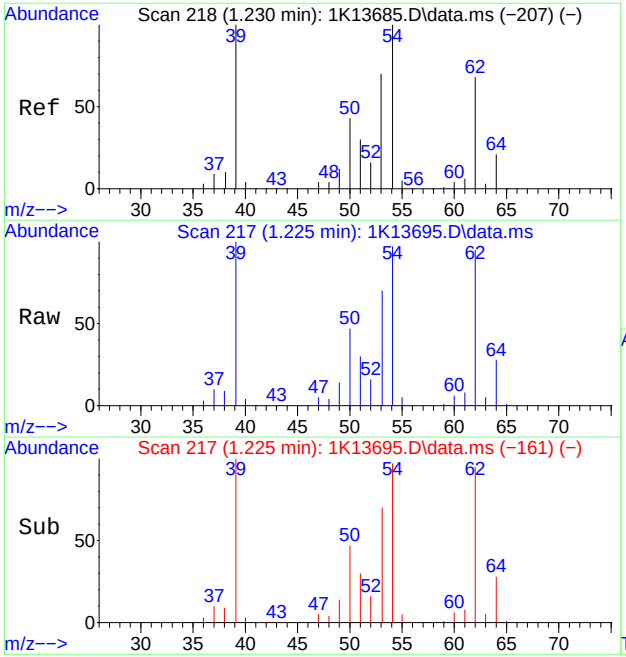


#9
vinyl chloride
Concen: 53.59 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 62 Resp: 261646

Ion	Ratio	Lower	Upper
62	100		
64	29.4	1.3	61.3
61	8.5	0.0	39.1

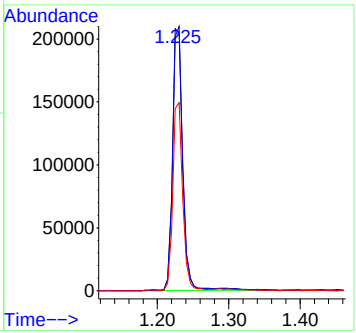


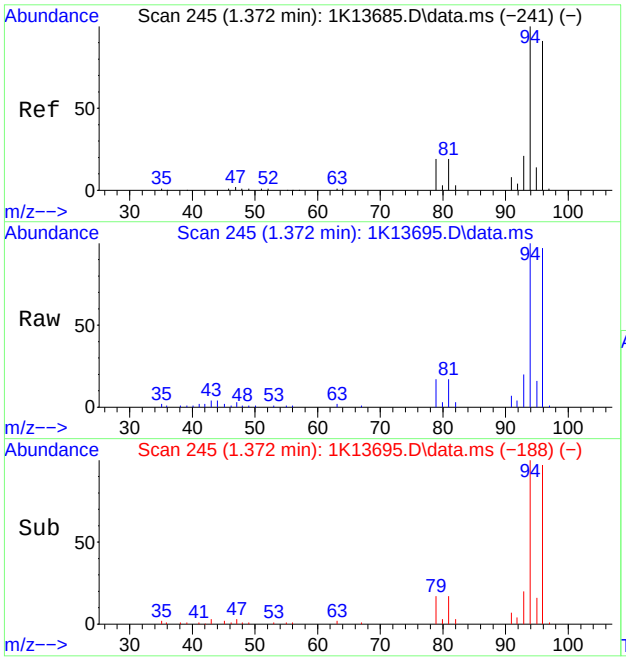


#10
1,3-butadiene
Concen: 40.84 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 39 Resp: 206235

Ion	Ratio	Lower	Upper
39	100		
54	97.3	69.8	129.8
53	69.5	40.1	100.1

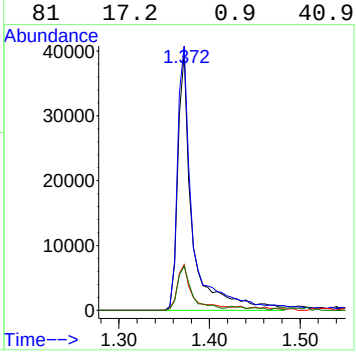


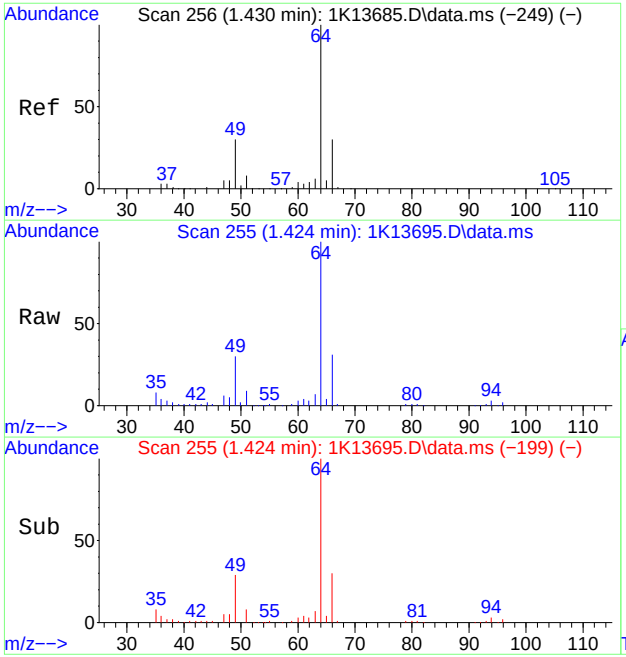


#11
bromomethane
Concen: 51.77 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 96 Resp: 45286

Ion	Ratio	Lower	Upper
96	100		
94	103.1	79.4	139.4
79	17.8	20.3	20.3#
81	17.2	0.9	40.9

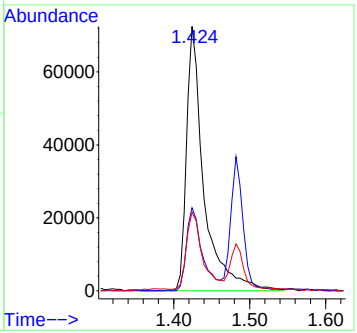


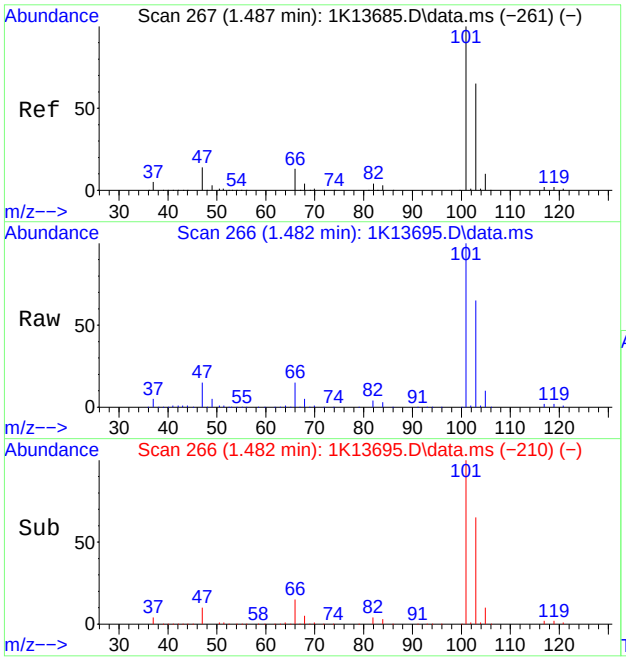


#12
chloroethane
Concen: 42.68 ug/L
RT: 1.424 min Scan# 255
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 64 Resp: 115161

Ion	Ratio	Lower	Upper
64	100		
66	31.4	0.2	60.2
49	29.0	0.3	60.3

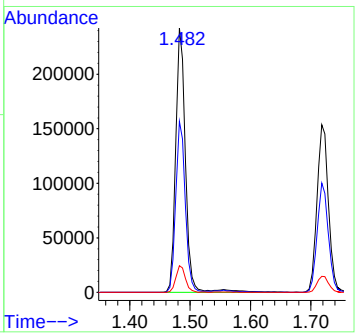


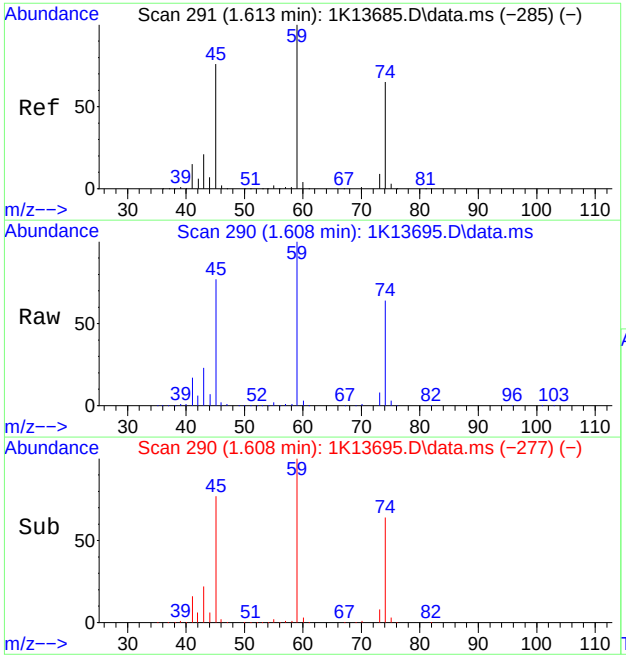


#13
trichlorofluoromethane
Concen: 50.91 ug/L
RT: 1.482 min Scan# 266
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:101 Resp: 274558

Ion	Ratio	Lower	Upper
101	100		
103	64.7	35.0	95.0
105	10.1	0.0	40.5

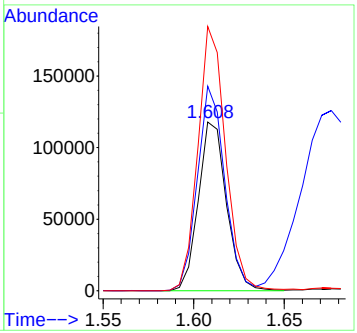


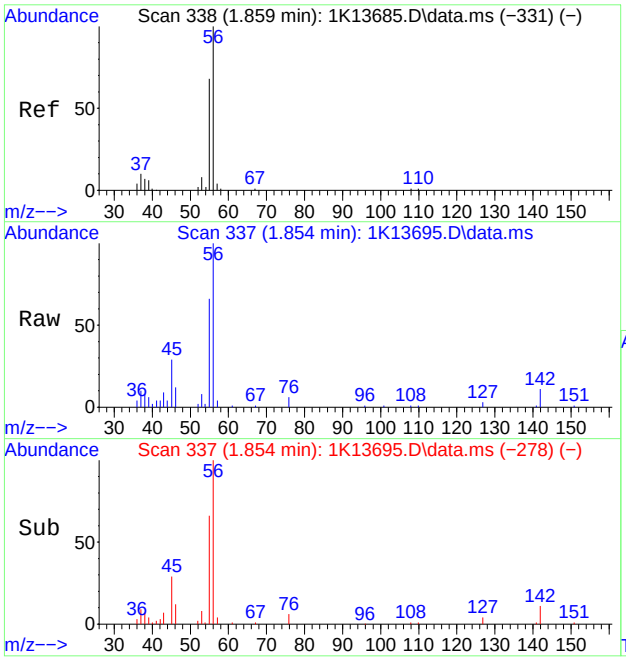


#14
ethyl ether
Concen: 55.30 ug/L
RT: 1.608 min Scan# 290
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 74 Resp: 127047

Ion	Ratio	Lower	Upper
74	100		
45	121.3	87.4	147.4
59	156.8	124.0	184.0

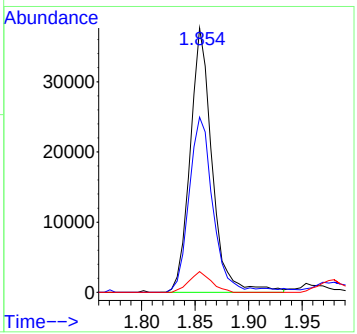


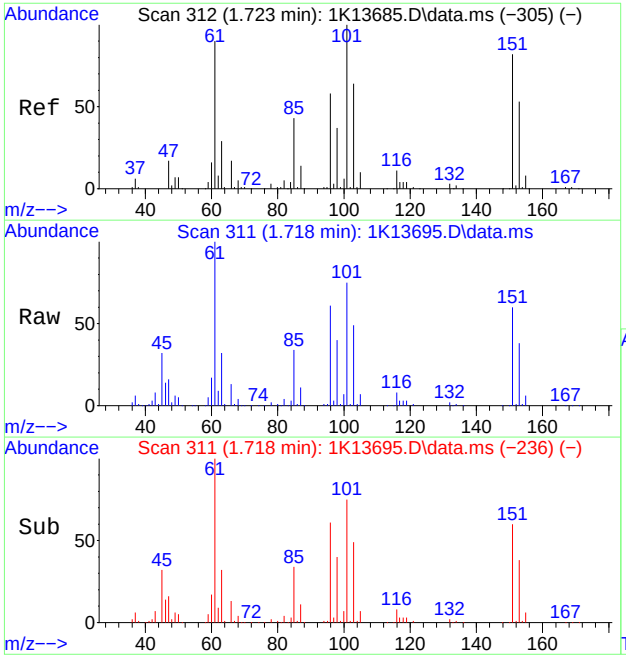


#15
acrolein
Concen: 47.11 ug/L
RT: 1.854 min Scan# 337
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 56 Resp: 53939

Ion	Ratio	Lower	Upper
56	100		
55	66.3	38.3	98.3
53	7.9	0.0	38.3

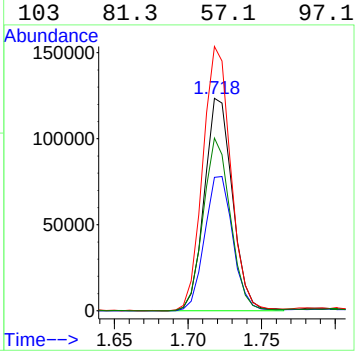


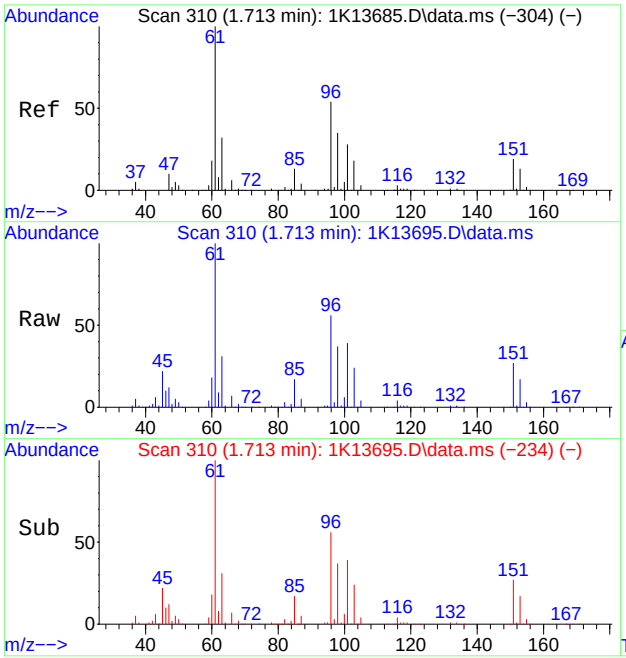


#16
freon 113
Concen: 55.20 ug/L
RT: 1.718 min Scan# 311
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:151 Resp: 163573

Ion	Ratio	Lower	Upper
151	100		
153	62.8	44.1	84.1
101	124.4	101.5	141.5
103	81.3	57.1	97.1

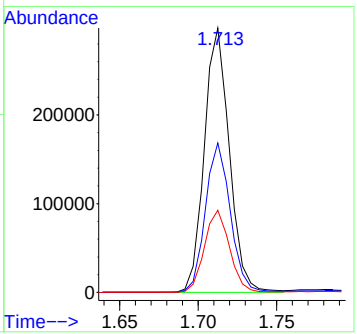


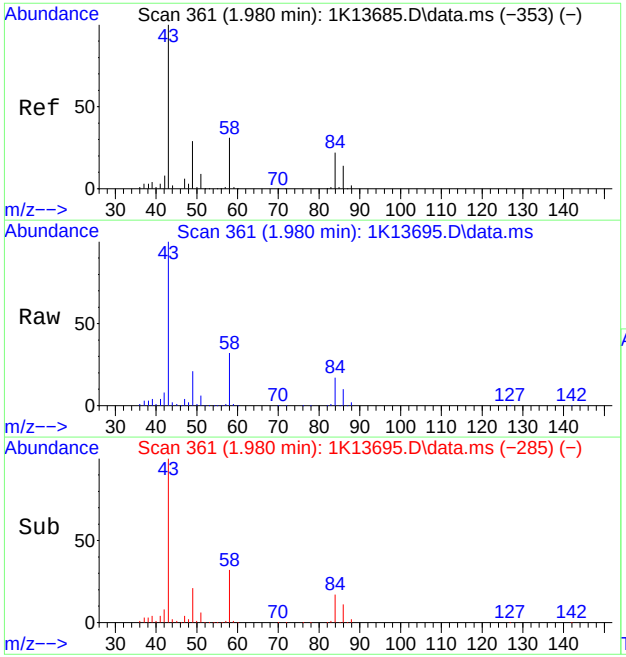


#17
1,1-dichloroethene
Concen: 55.94 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 61 Resp: 331317

Ion	Ratio	Lower	Upper
61	100		
96	56.4	24.4	84.4
63	31.1	2.1	62.1

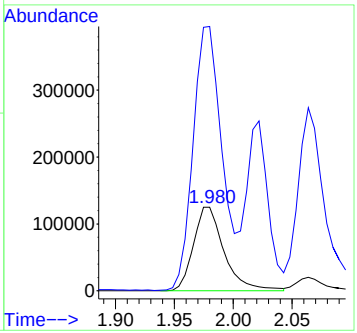


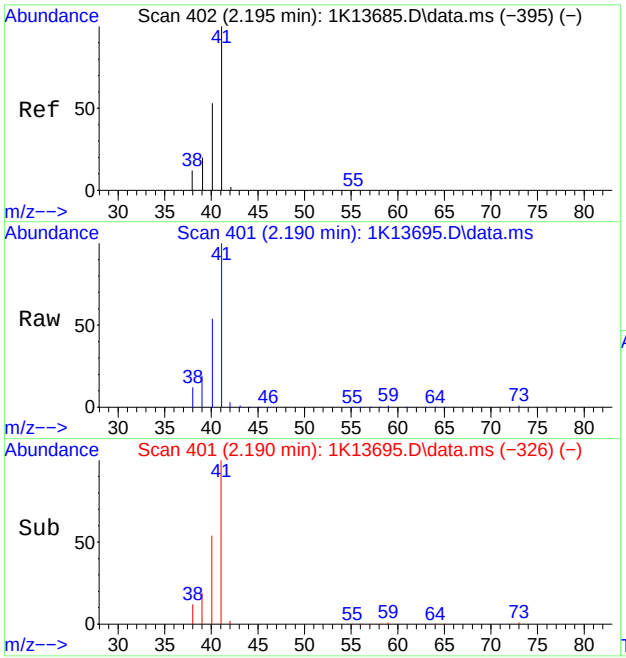


#18
acetone
Concen: 238.56 ug/L
RT: 1.980 min Scan# 361
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 58 Resp: 226982

Ion	Ratio	Lower	Upper
58	100		
43	316.0	295.2	355.2

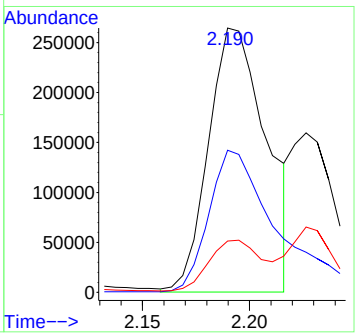


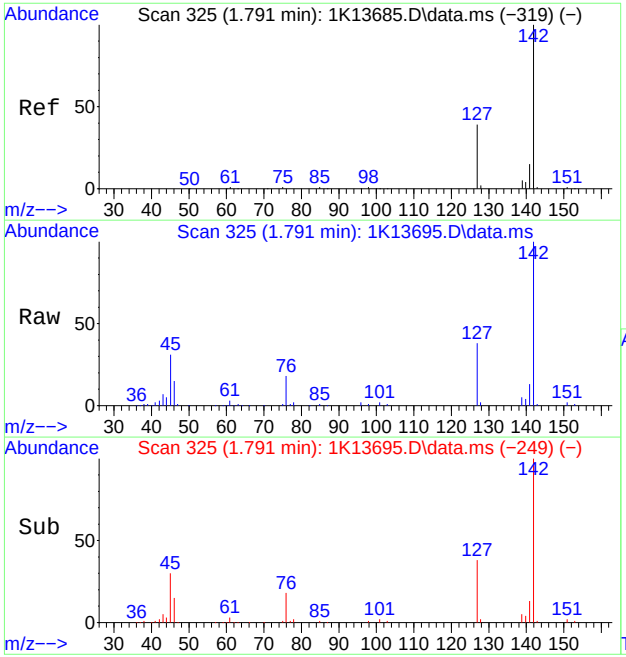


#19
acetonitrile
Concen: 630.24 ug/L
RT: 2.190 min Scan# 401
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 41 Resp: 497468

Ion	Ratio	Lower	Upper
41	100		
40	54.3	23.4	83.4
39	19.2	0.0	50.4

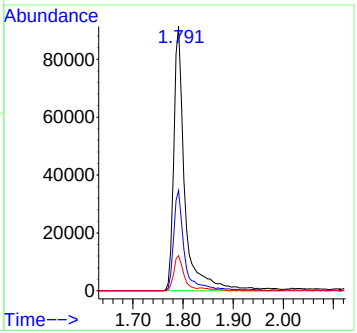


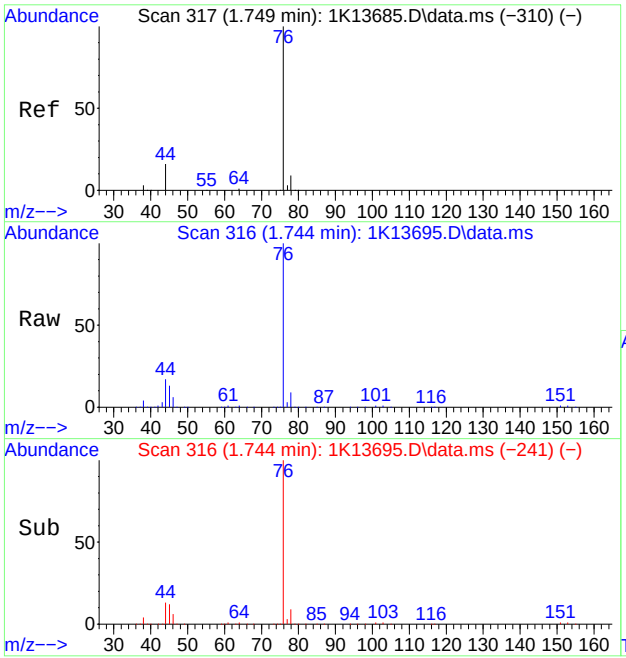


#20
iodomethane
Concen: 50.11 ug/L
RT: 1.791 min Scan# 325
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:142 Resp: 142660

Ion	Ratio	Lower	Upper
142	100		
127	38.0	8.7	68.7
141	13.2	0.0	44.9

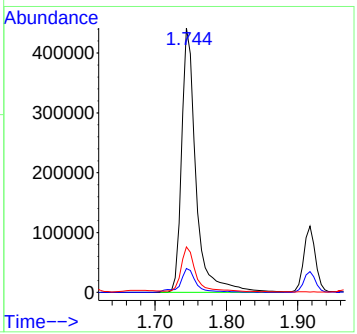


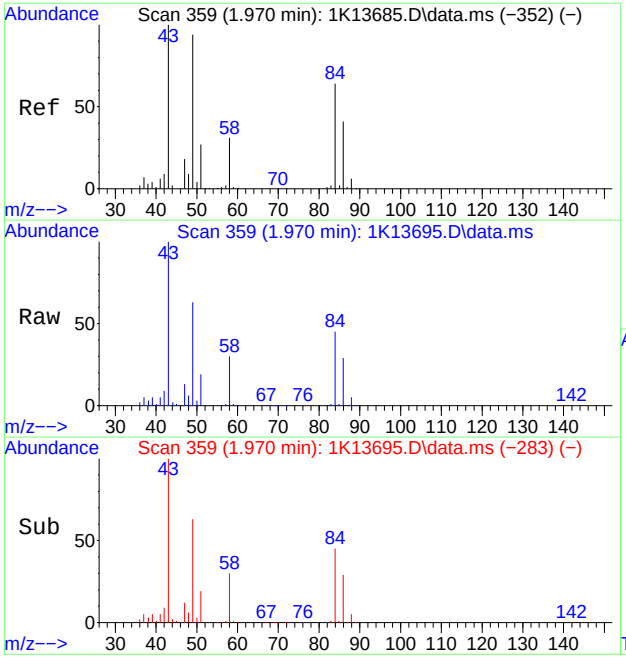


#21
carbon disulfide
Concen: 55.42 ug/L
RT: 1.744 min Scan# 316
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 76 Resp: 620021

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	39.2
44	16.9	0.0	46.4

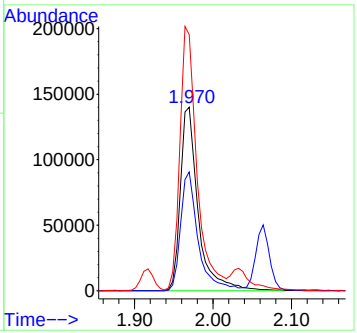


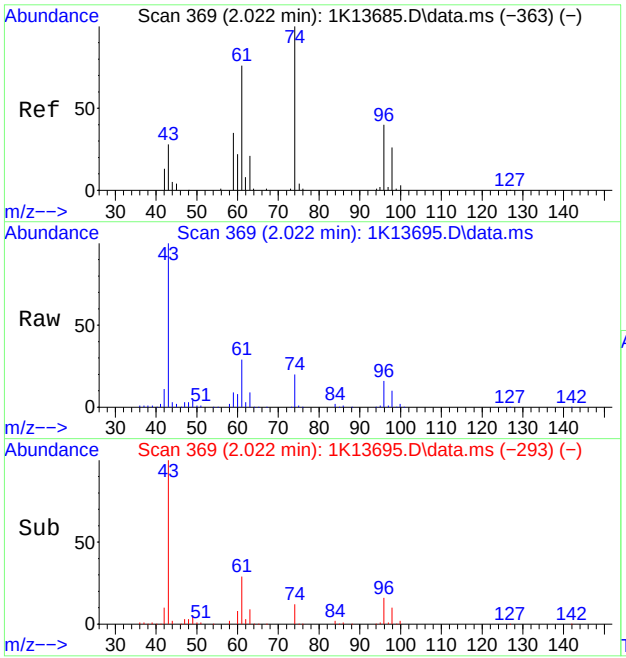


#22
methylene chloride
Concen: 51.97 ug/L
RT: 1.970 min Scan# 359
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 84 Resp: 221920

Ion	Ratio	Lower	Upper
84	100		
86	64.7	33.4	93.4
49	138.7	117.1	177.1

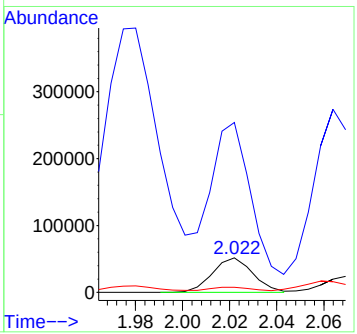


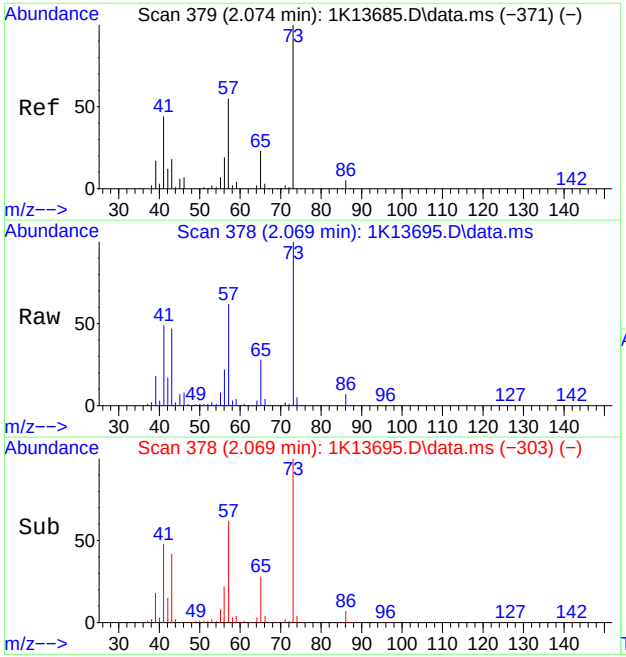


#23
methyl acetate
Concen: 56.82 ug/L
RT: 2.022 min Scan# 369
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 74 Resp: 61643

Ion	Ratio	Lower	Upper
74	100		
43	440.9	397.4	457.4
44	5.0	0.0	35.1

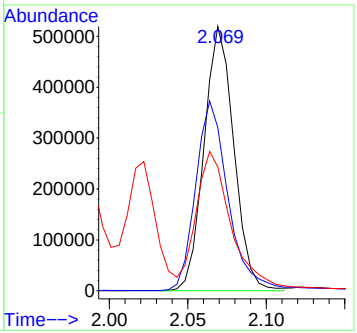


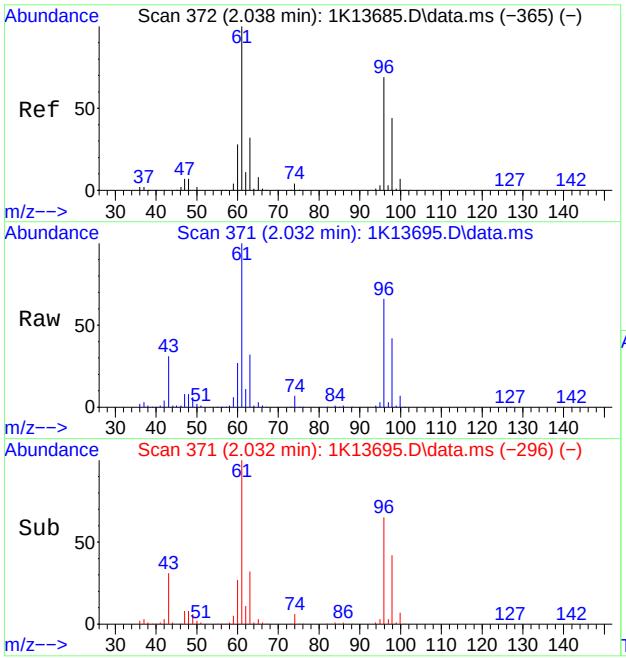


#24
methyl tert butyl ether
Concen: 54.99 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 73 Resp: 689483

Ion	Ratio	Lower	Upper
73	100		
57	61.7	25.1	85.1
43	44.9	12.1	72.1

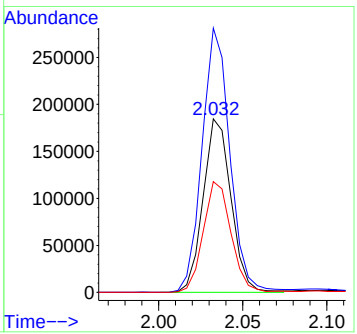


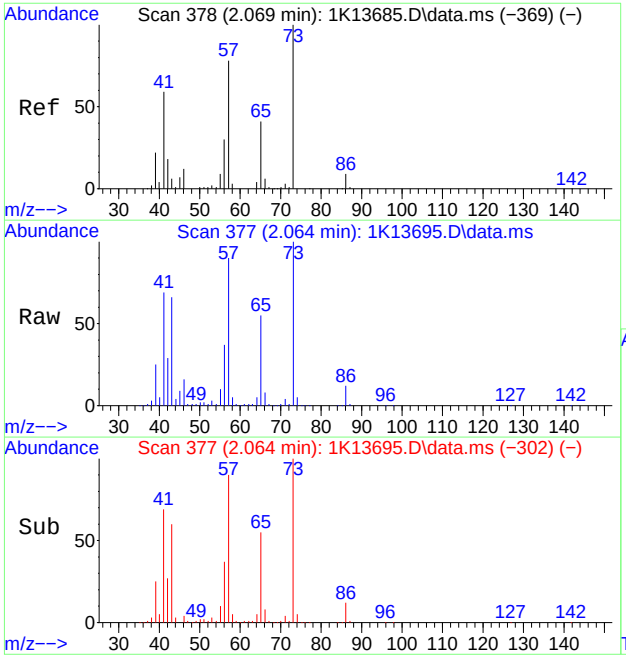


#25
trans-1,2-dichloroethene
Concen: 53.34 ug/L
RT: 2.032 min Scan# 371
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 96 Resp: 212990

Ion	Ratio	Lower	Upper
96	100		
61	152.3	115.9	175.9
98	63.8	34.7	94.7

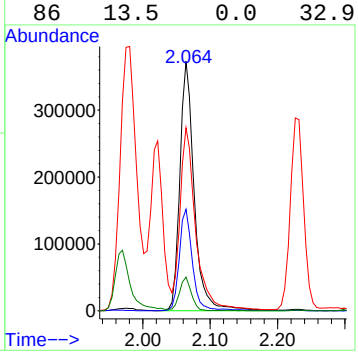


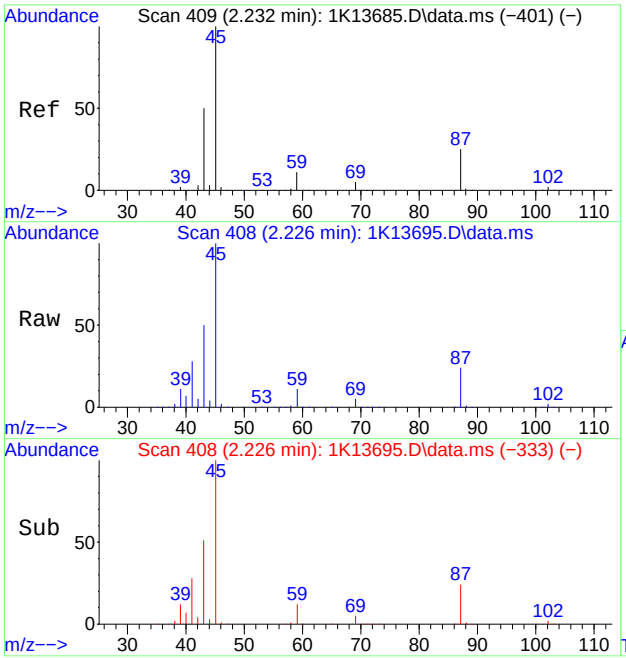


#26
hexane
Concen: 52.18 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 57 Resp: 554740

Ion	Ratio	Lower	Upper
57	100		
56	40.6	18.5	58.5
43	64.6	50.7	90.7
86	13.5	0.0	32.9

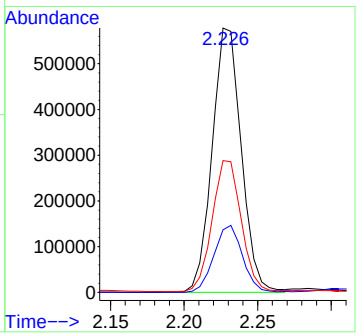


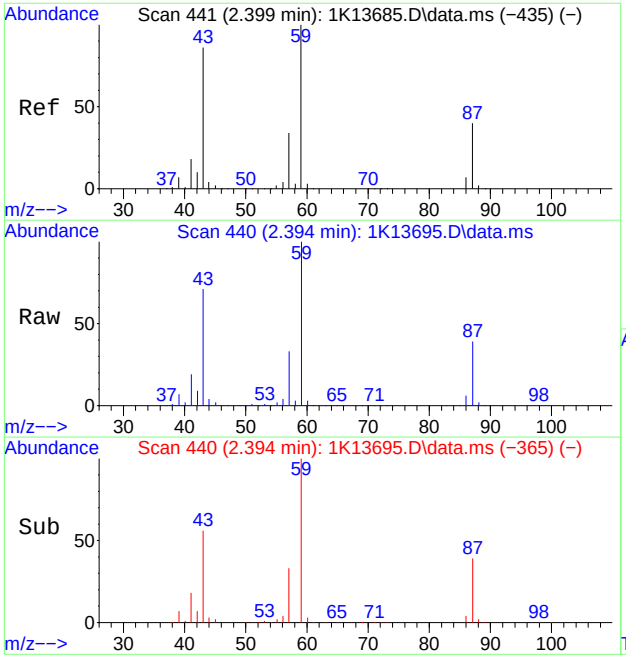


#27
di-isopropyl ether
Concen: 58.61 ug/L
RT: 2.226 min Scan# 408
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 45 Resp: 794787

Ion	Ratio	Lower	Upper
45	100		
87	23.6	0.0	55.4
43	49.6	19.8	79.8

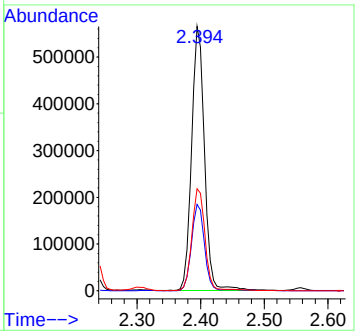


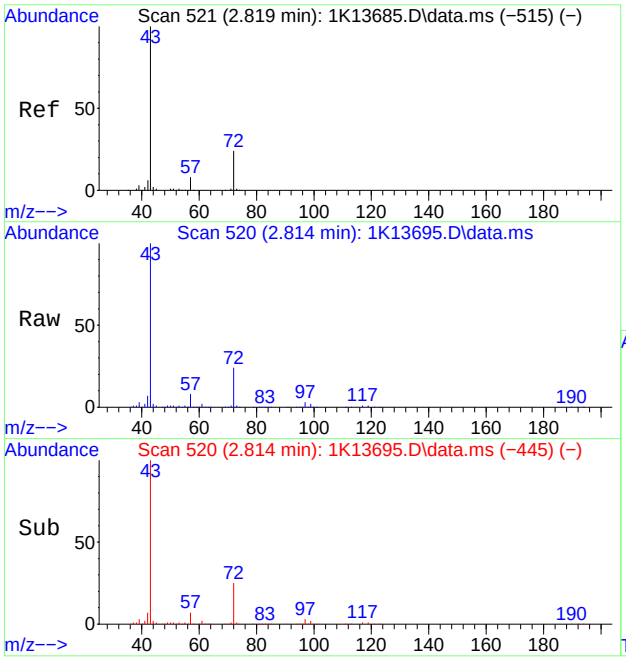


#28
ethyl tert-butyl ether
Concen: 56.32 ug/L
RT: 2.394 min Scan# 440
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 59 Resp: 798241

Ion	Ratio	Lower	Upper
59	100		
57	32.7	3.4	63.4
87	38.6	9.9	69.9

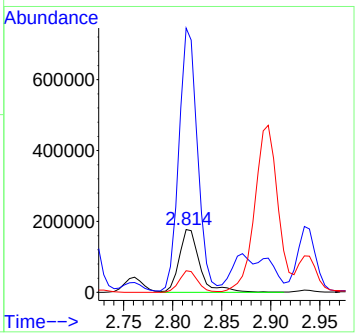


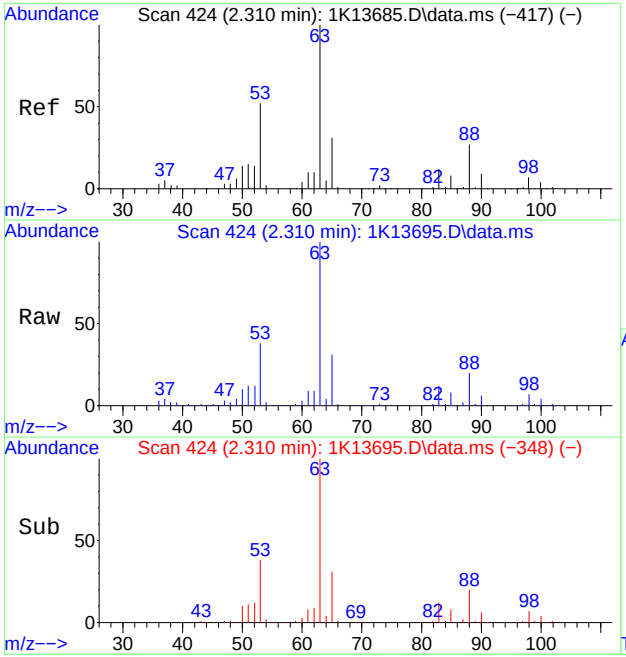


#29
2-butanone
Concen: 249.54 ug/L
RT: 2.814 min Scan# 520
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 72 Resp: 259650

Ion	Ratio	Lower	Upper
72	100		
43	420.8	384.5	444.5
57	34.2	2.9	62.9

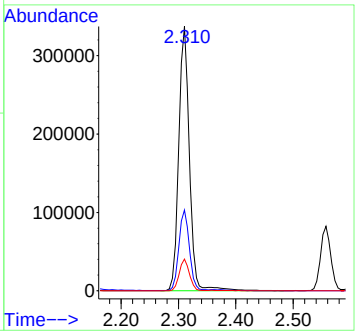


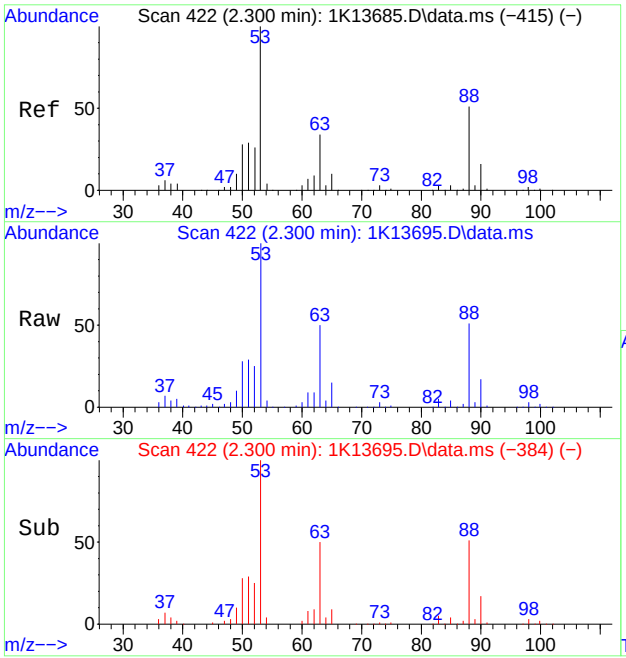


#30
1,1-dichloroethane
Concen: 55.41 ug/L
RT: 2.310 min Scan# 424
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 63 Resp: 438045

Ion	Ratio	Lower	Upper
63	100		
65	30.5	0.6	60.6
83	12.0	0.0	41.8

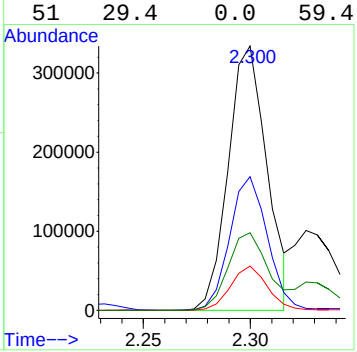


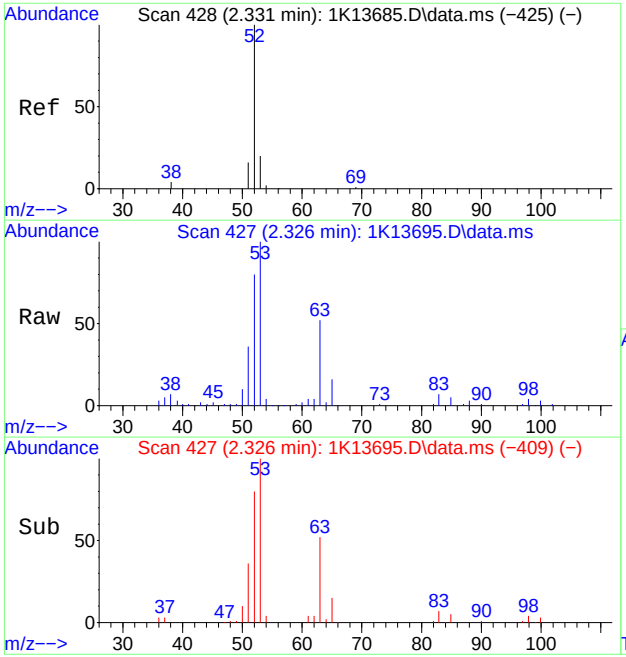


#31
chloroprene
Concen: 56.12 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 53 Resp: 421305

Ion	Ratio	Lower	Upper
53	100		
88	50.5	21.4	81.4
90	16.8	0.0	46.1
51	29.4	0.0	59.4

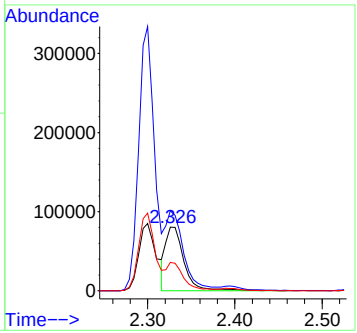


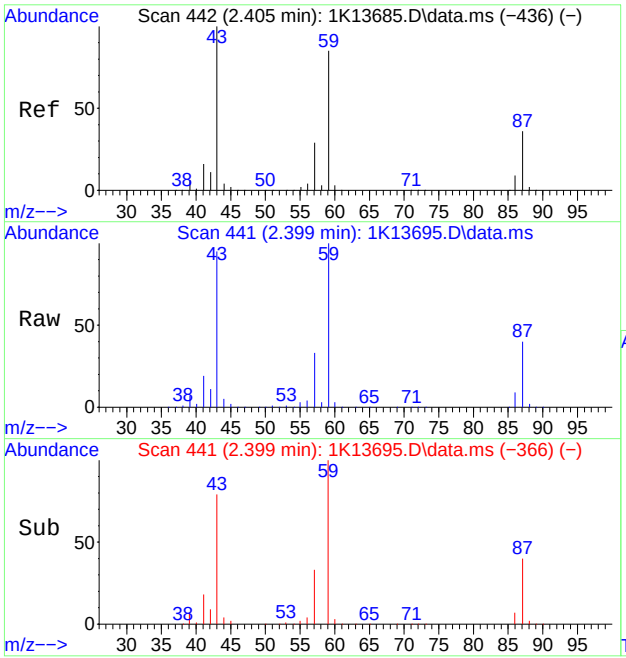


#32
acrylonitrile
Concen: 55.14 ug/L
RT: 2.326 min Scan# 427
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 52 Resp: 119143

Ion	Ratio	Lower	Upper
52	100		
53	124.7	92.8	152.8
51	44.7	13.6	73.6

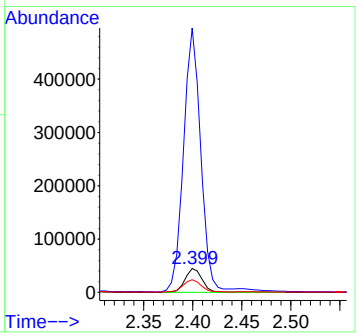


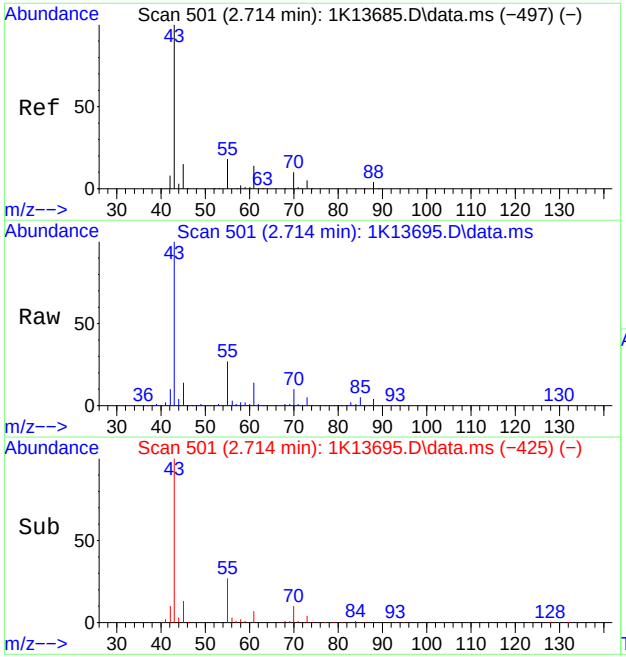


#33
vinyl acetate
Concen: 56.05 ug/L
RT: 2.399 min Scan# 441
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 86 Resp: 54915

Ion	Ratio	Lower	Upper
86	100		
43	1104.8	1068.8	1128.8
44	51.7	18.0	78.0

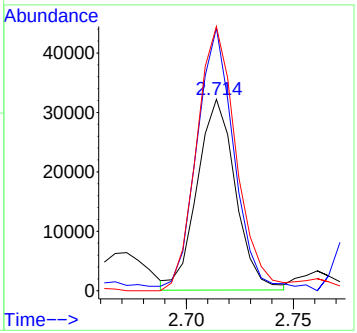


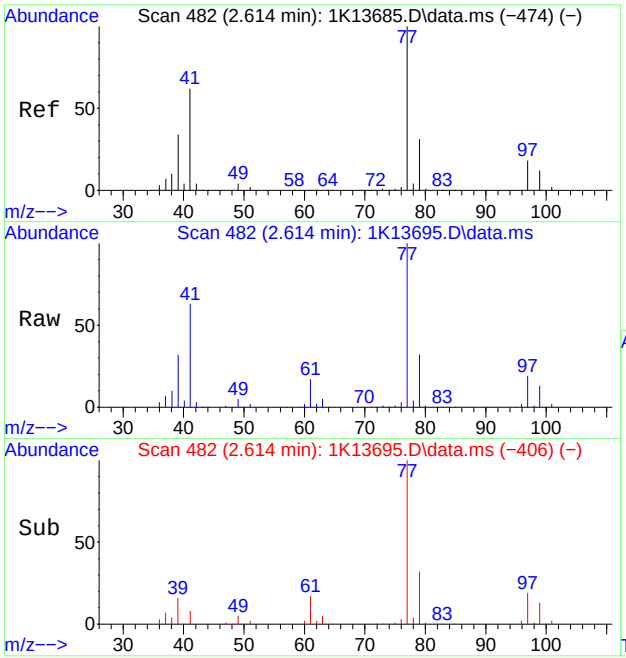


#34
ethyl acetate
Concen: 59.60 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 70 Resp: 40091

Ion	Ratio	Lower	Upper
70	100		
61	139.3	104.9	164.9
45	142.5	117.8	177.8

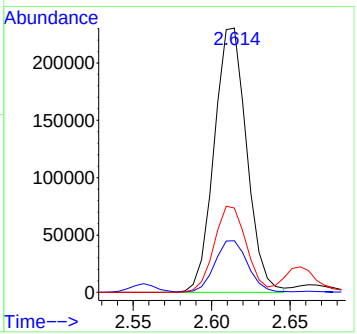


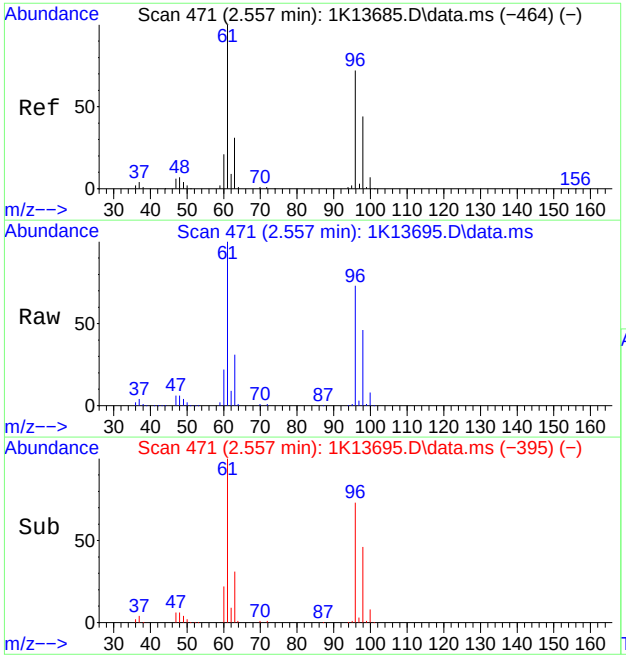


#35
2,2-dichloropropane
Concen: 52.16 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 77 Resp: 332272

Ion	Ratio	Lower	Upper
77	100		
97	19.2	0.0	48.7
79	32.0	0.9	60.9

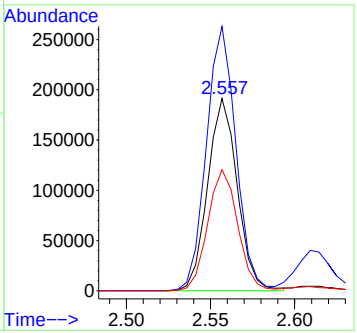


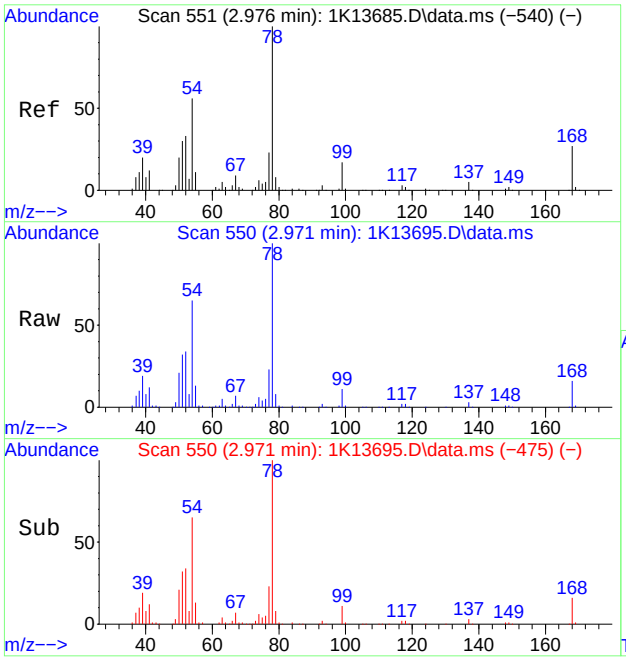


#36
cis-1,2-dichloroethene
Concen: 52.55 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 96 Resp: 235406

Ion	Ratio	Lower	Upper
96	100		
61	137.5	108.4	168.4
98	63.0	31.4	91.4

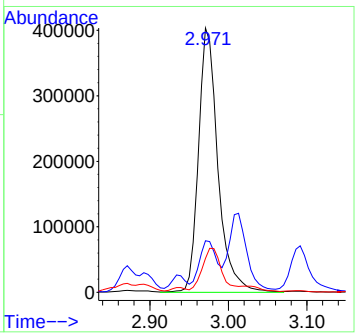


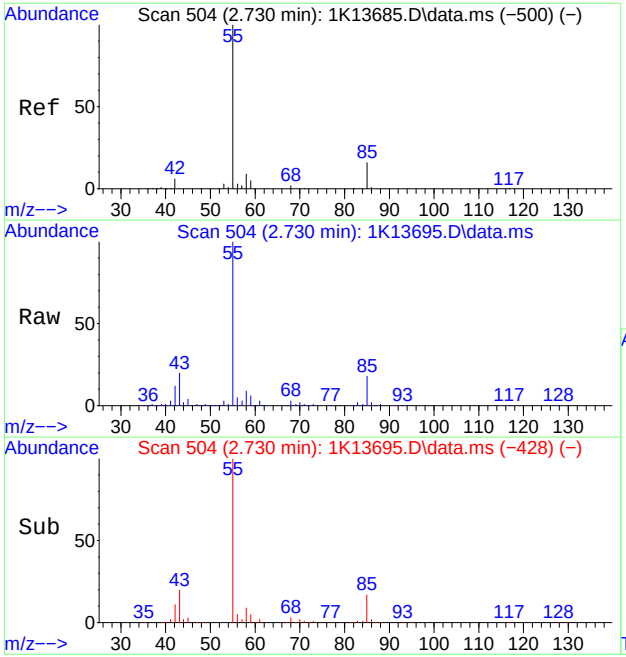


#37
propionitrile
Concen: 532.93 ug/L
RT: 2.971 min Scan# 550
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 54 Resp: 696167

Ion	Ratio	Lower	Upper
54	100		
55	17.7	0.0	48.9
40	12.5	0.0	45.0

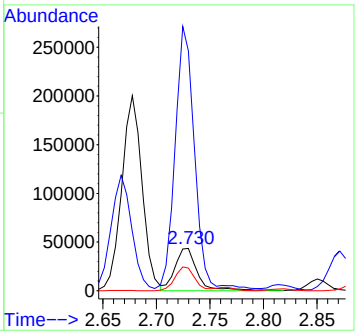


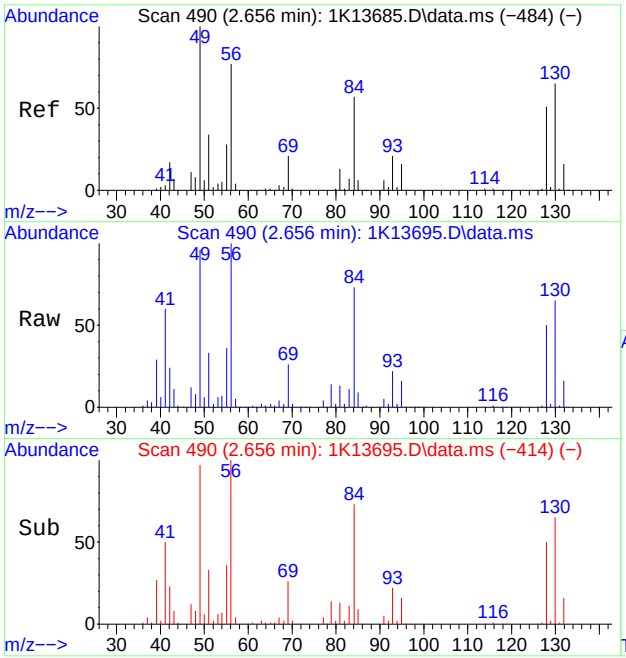


#38
methyl acrylate
Concen: 55.73 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 85 Resp: 63327

Ion	Ratio	Lower	Upper
85	100		
55	558.3	566.6	606.6#
58	52.9	30.2	70.2

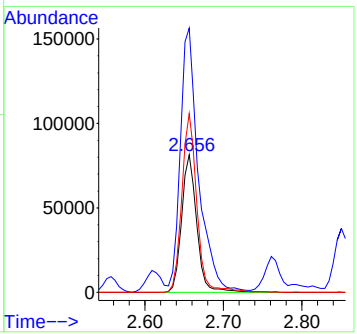


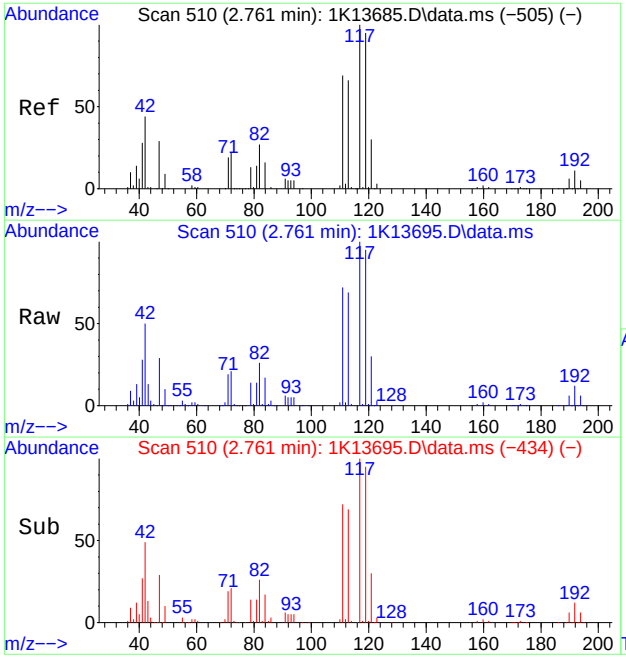


#39
bromochloromethane
Concen: 54.93 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:128 Resp: 108609

Ion	Ratio	Lower	Upper
128	100		
49	184.5	166.7	226.7
130	129.9	97.3	157.3

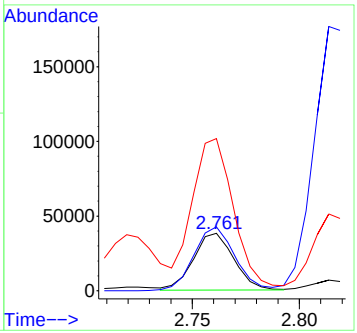


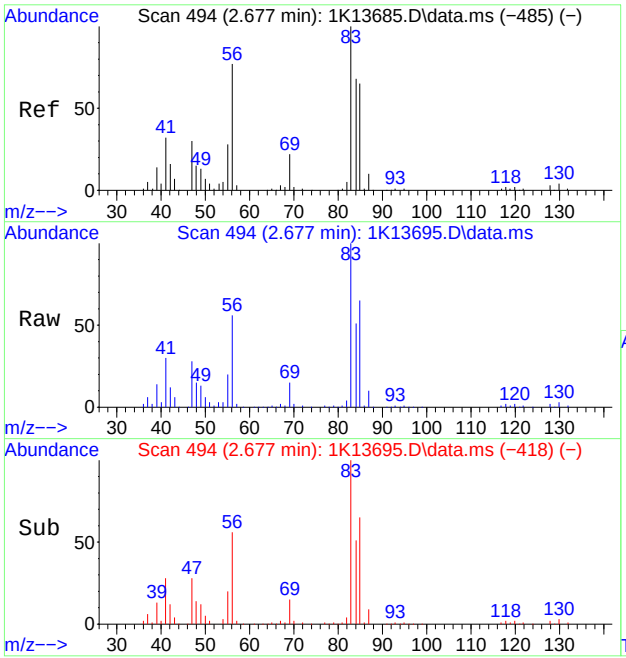


#40
tetrahydrofuran
Concen: 52.98 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 71 Resp: 50047

Ion	Ratio	Lower	Upper
71	100		
72	112.0	87.2	147.2
42	262.4	242.1	302.1

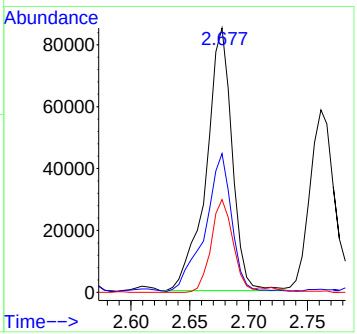


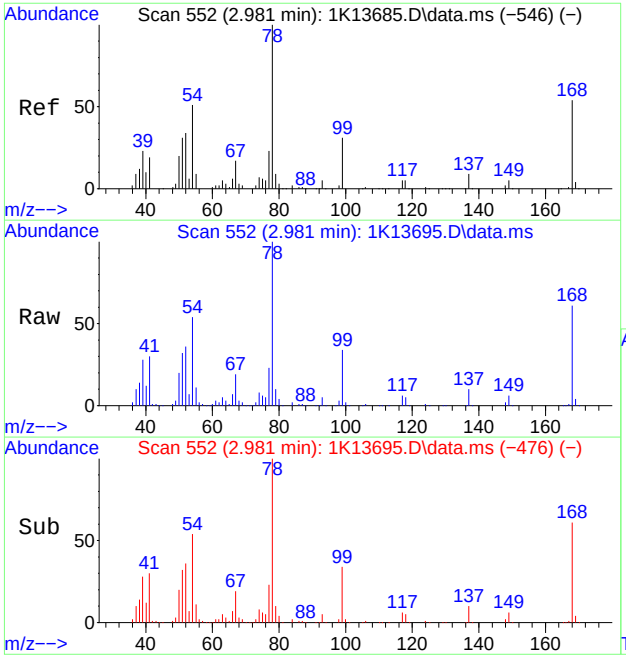


#41
chloroform
Concen: 51.03 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 47 Resp: 130110

Ion	Ratio	Lower	Upper
47	100		
48	52.2	19.0	79.0
87	35.3	3.4	63.4

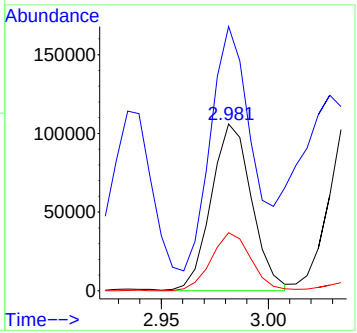


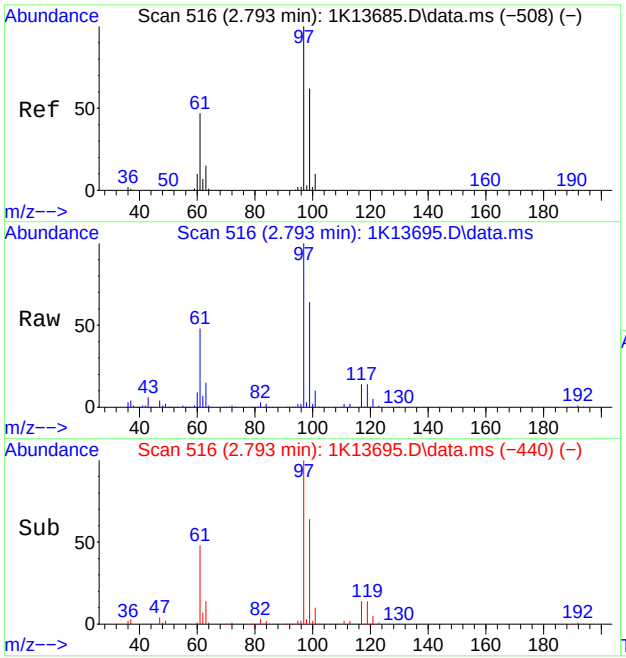


#43
methacrylonitrile
Concen: 51.32 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 67 Resp: 139795

Ion	Ratio	Lower	Upper
67	100		
41	126.1	85.4	145.4
66	34.9	4.8	64.8

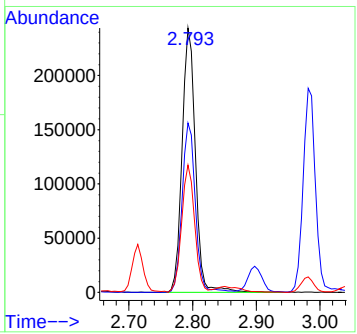


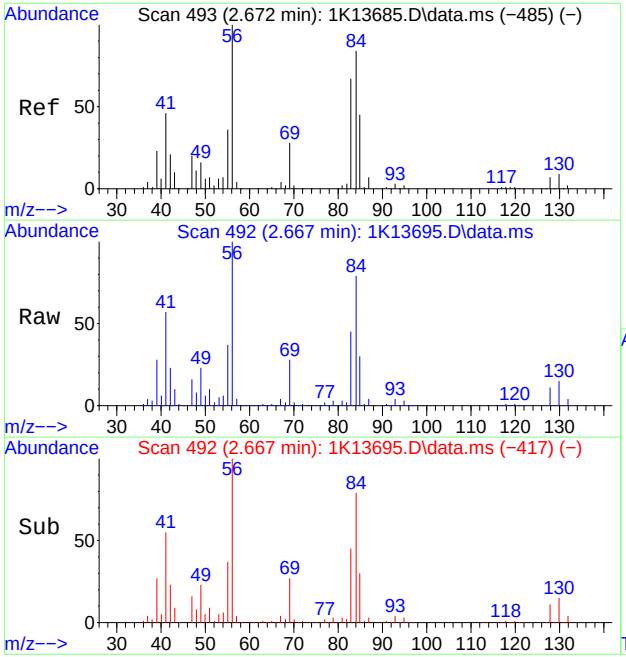


#44
1,1,1-trichloroethane
Concen: 54.24 ug/L
RT: 2.793 min Scan# 516
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 97 Resp: 352629

Ion	Ratio	Lower	Upper
97	100		
99	64.0	32.2	92.2
61	48.2	17.7	77.7

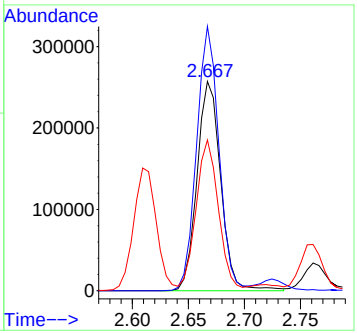


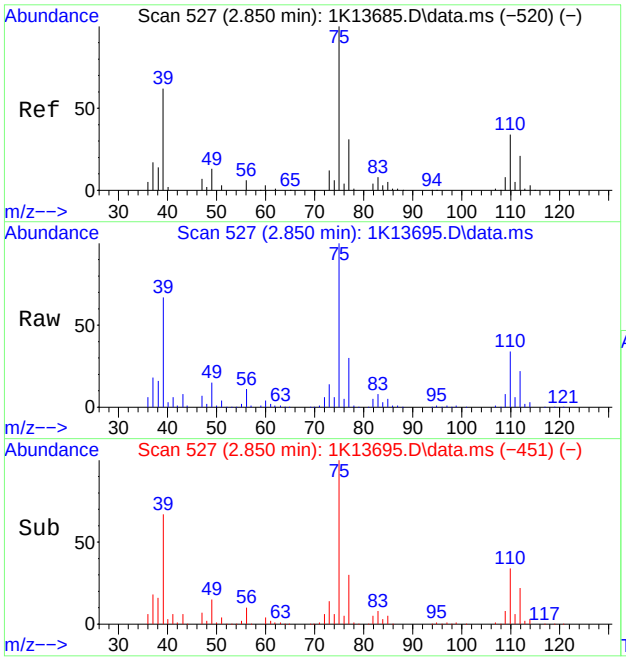


#45
cyclohexane
Concen: 52.82 ug/L
RT: 2.667 min Scan# 492
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 84 Resp: 378622

Ion	Ratio	Lower	Upper
84	100		
56	126.2	98.6	138.6
41	70.2	43.8	83.8

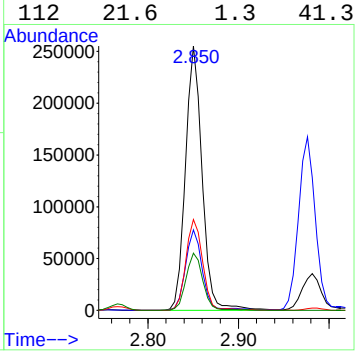


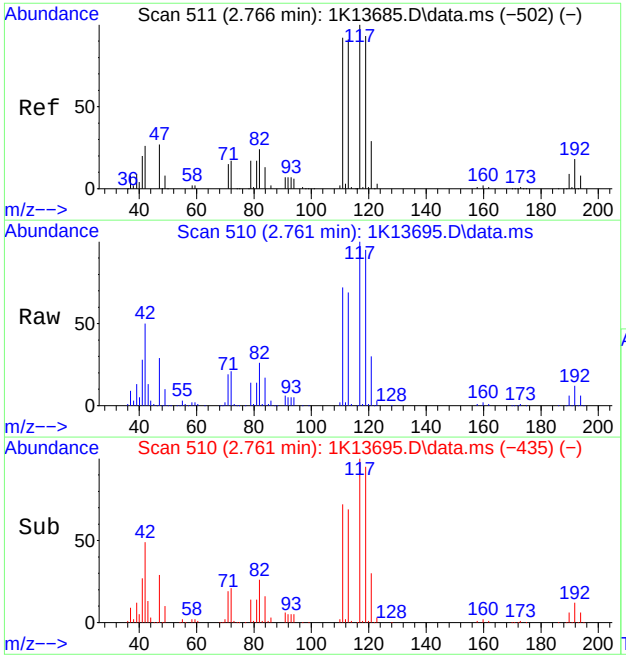


#46
1,1-dichloropropene
Concen: 55.80 ug/L
RT: 2.850 min Scan# 527
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 75 Resp: 327810

Ion	Ratio	Lower	Upper
75	100		
77	30.4	11.3	51.3
110	34.3	14.2	54.2
112	21.6	1.3	41.3

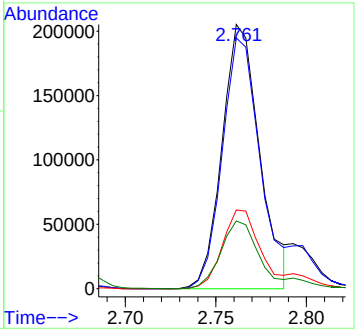


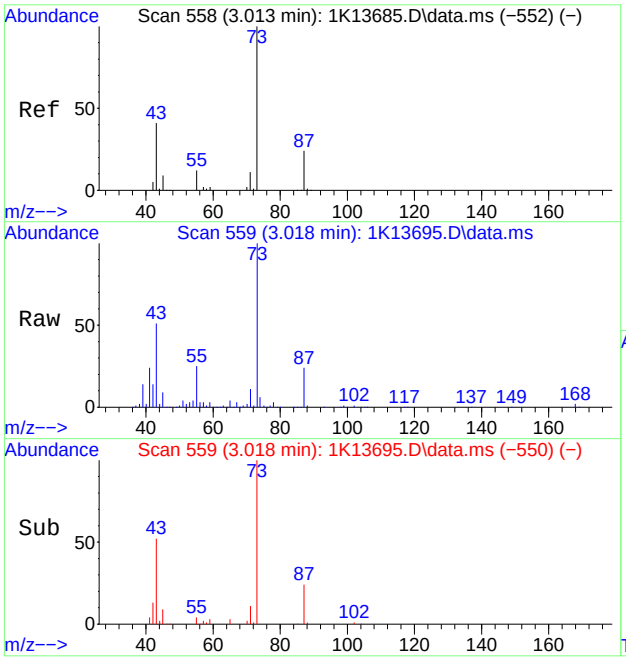


#47
carbon tetrachloride
Concen: 52.11 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:117 Resp: 295916

Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.1	113.1
121	29.8	9.4	49.4
82	25.5	4.4	44.4

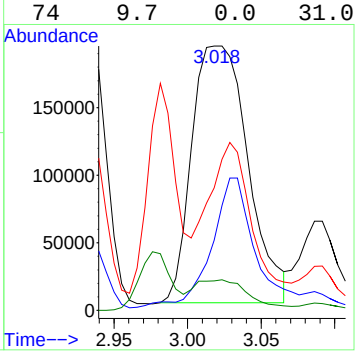


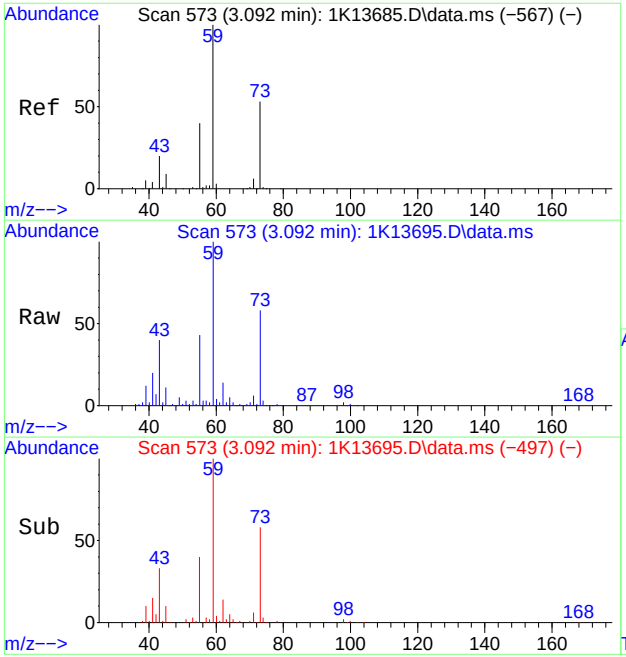


#48
isobutyl alcohol
Concen: 571.47 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 43 Resp: 504869

Ion	Ratio	Lower	Upper
43	100		
42	23.9	0.0	32.6
41	36.7	9.1	49.1
74	9.7	0.0	31.0

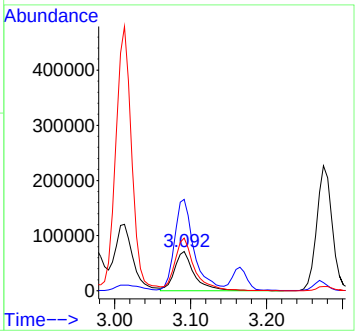


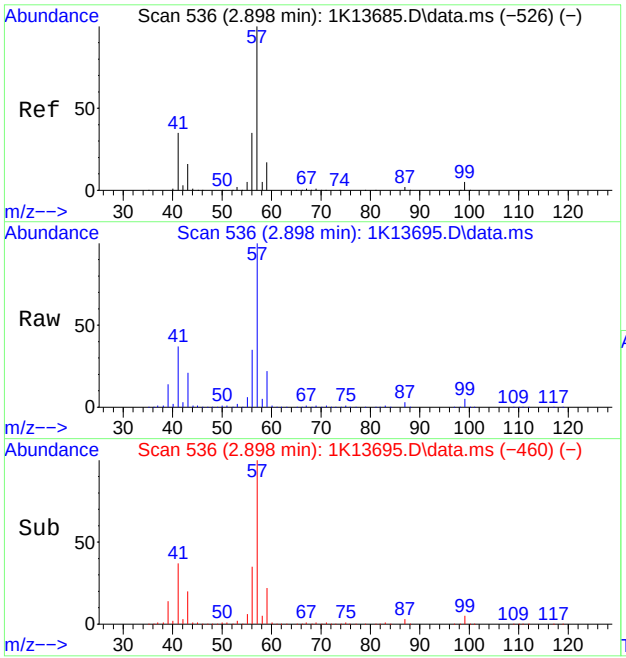


#49
tert-amyl alcohol
Concen: 285.95 ug/L
RT: 3.092 min Scan# 573
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 55 Resp: 129290

Ion	Ratio	Lower	Upper
55	100		
59	232.2	218.8	258.8
73	134.3	115.9	155.9

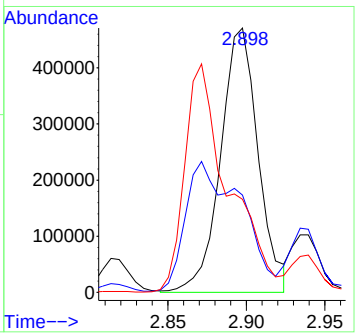


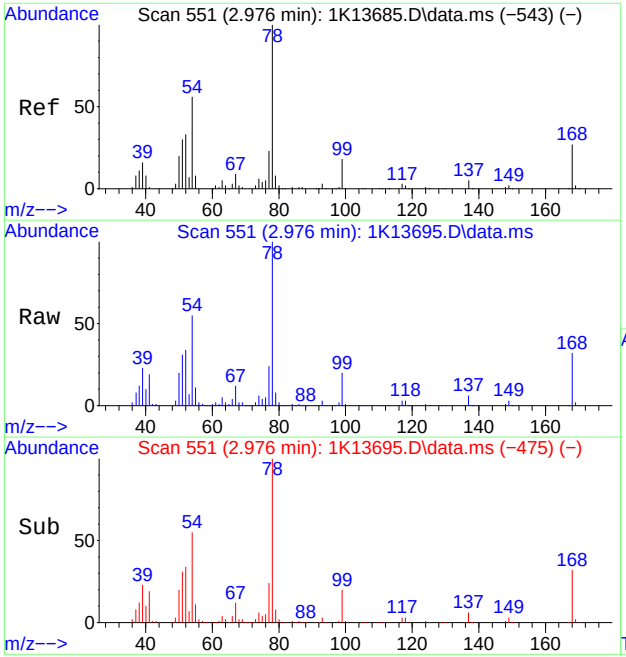


#52
iso-octane
Concen: 56.07 ug/L
RT: 2.898 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 57 Resp: 783035

Ion	Ratio	Lower	Upper
57	100		
41	36.1	14.8	54.8
56	34.4	15.3	55.3

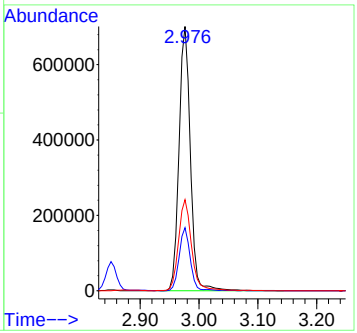


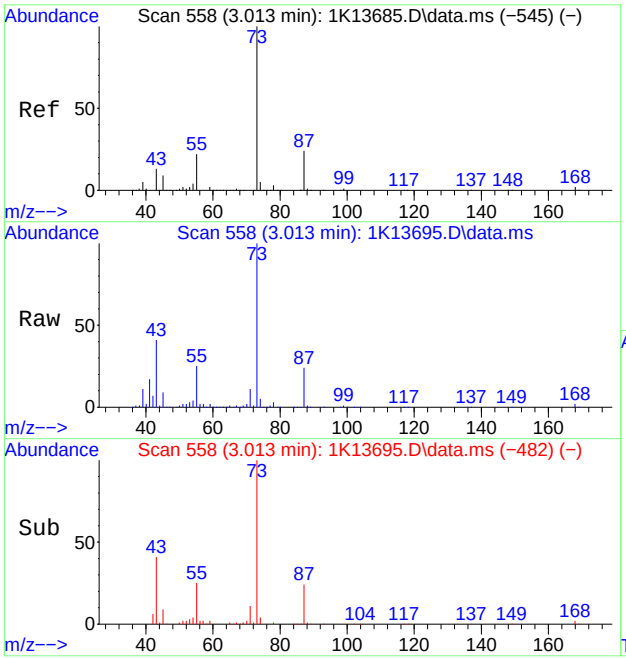


#53
benzene
Concen: 52.35 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 78 Resp: 940435

Ion	Ratio	Lower	Upper
78	100		
77	23.9	0.0	53.3
52	34.4	3.5	63.5

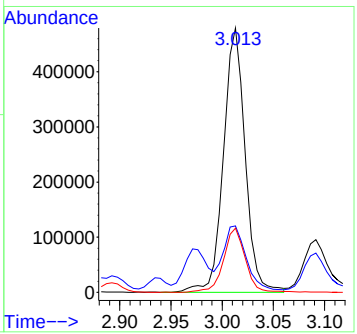


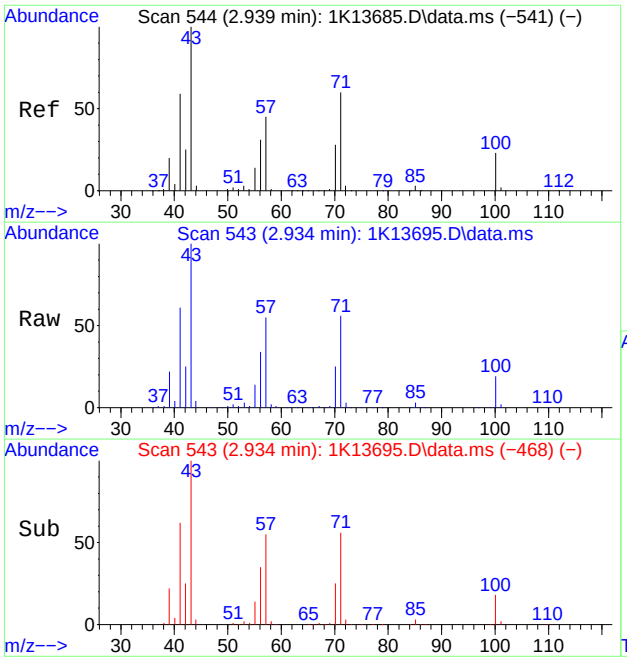


#54
tert-amyl methyl ether
Concen: 51.70 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 73 Resp: 708876

Ion	Ratio	Lower	Upper
73	100		
55	24.2	5.1	45.1
87	24.2	4.2	44.2

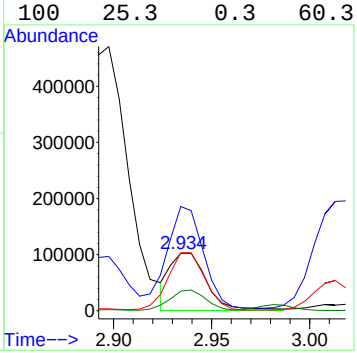


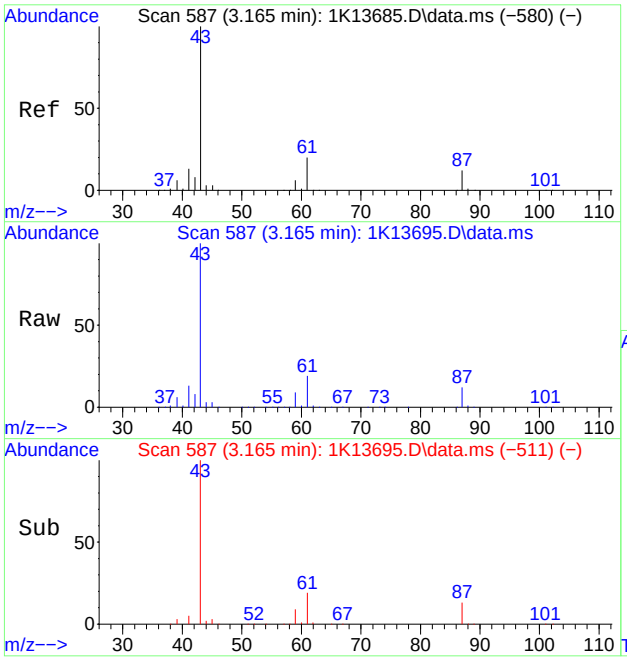


#55
heptane
Concen: 52.61 ug/L
RT: 2.934 min Scan# 543
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 57 Resp: 134519

Ion	Ratio	Lower	Upper
57	100		
43	176.5	140.0	200.0
71	101.1	67.3	127.3
100	25.3	0.3	60.3

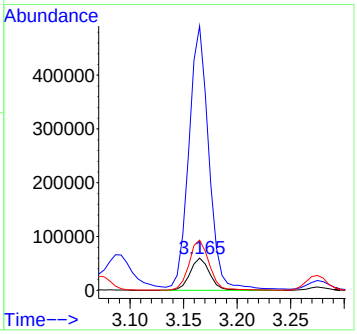


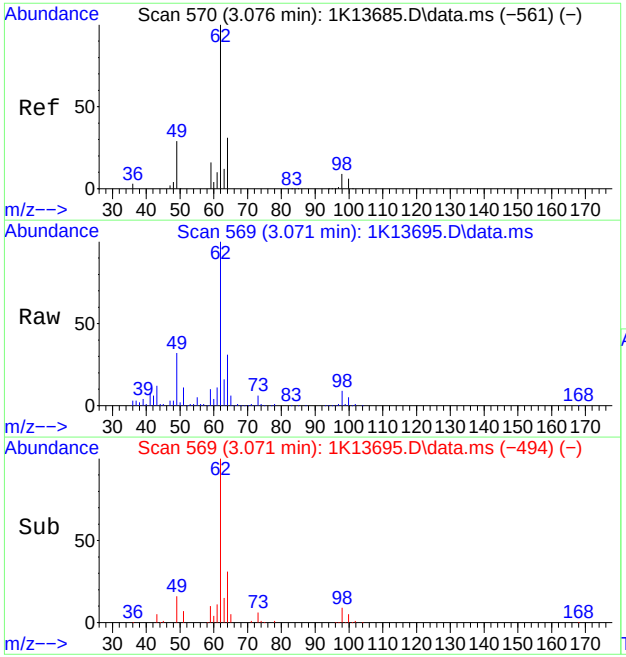


#56
isopropyl acetate
Concen: 59.28 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 87 Resp: 77810

Ion	Ratio	Lower	Upper
87	100		
43	816.6	799.2	859.2
61	155.5	137.1	197.1

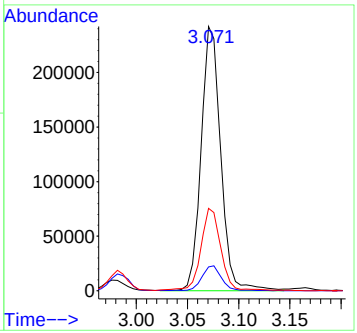


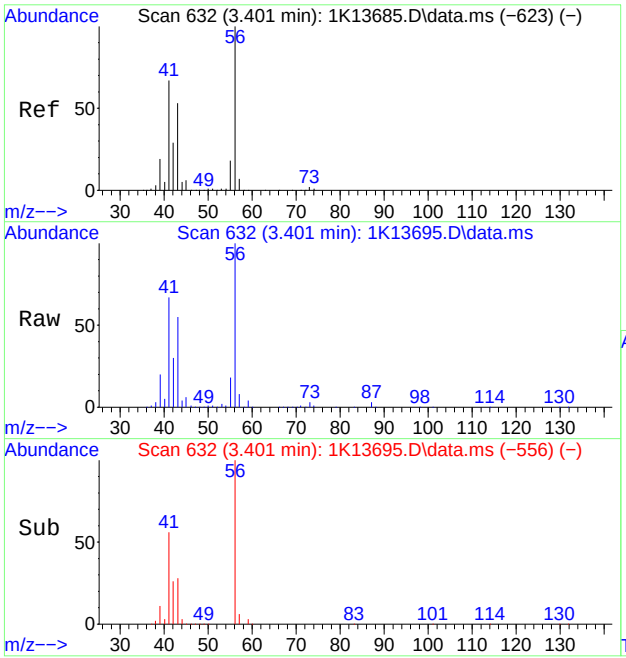


#57
1,2-dichloroethane
Concen: 50.28 ug/L
RT: 3.071 min Scan# 569
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 62 Resp: 323771

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	39.5
64	31.0	1.1	61.1

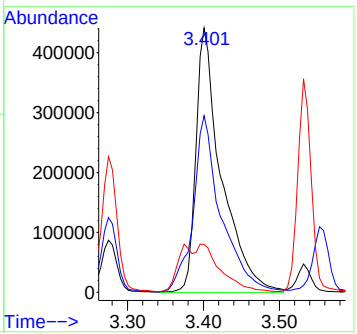


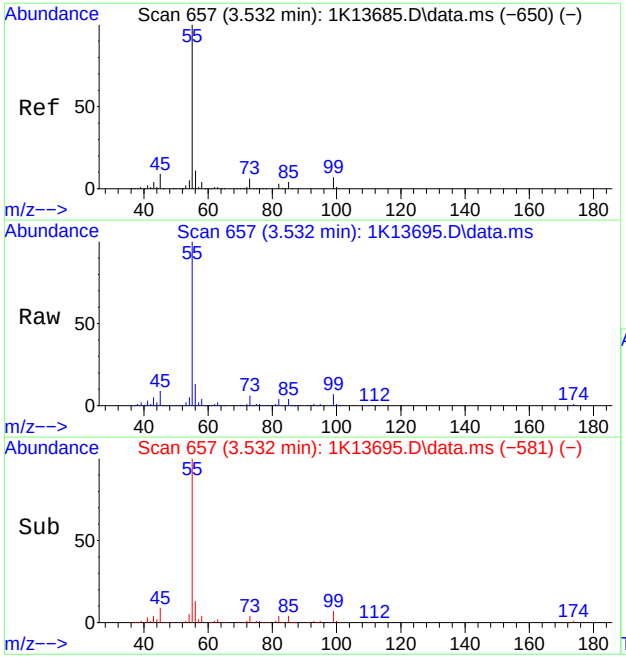


#58
n-butyl alcohol
Concen: 2944.48 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 56 Resp: 1023971

Ion	Ratio	Lower	Upper
56	100		
41	66.6	46.6	86.6
55	17.8	0.0	37.9

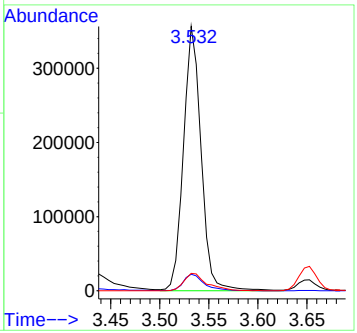


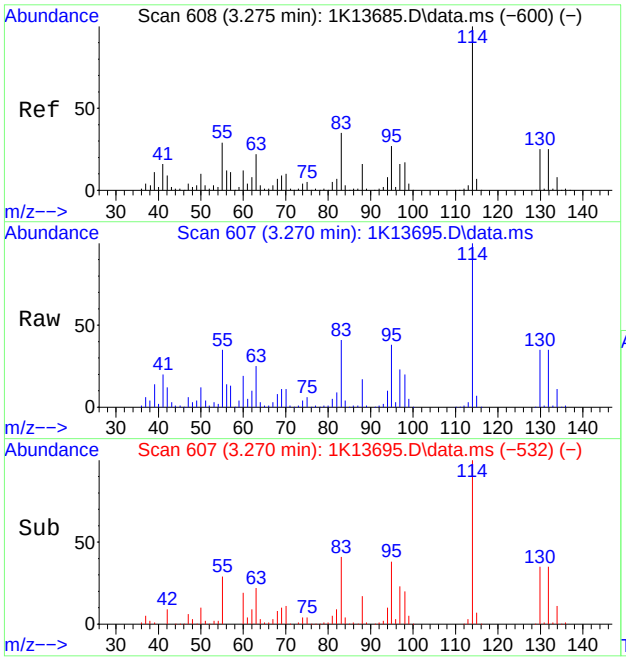


#59
ethyl acrylate
Concen: 55.26 ug/L
RT: 3.532 min Scan# 657
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 55 Resp: 447177

Ion	Ratio	Lower	Upper
55	100		
73	6.3	0.0	36.5
99	6.6	0.0	37.0

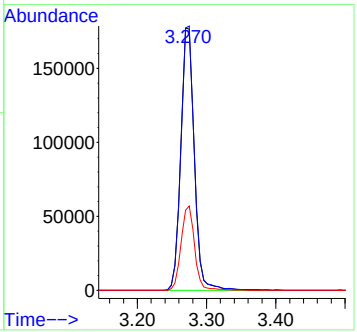


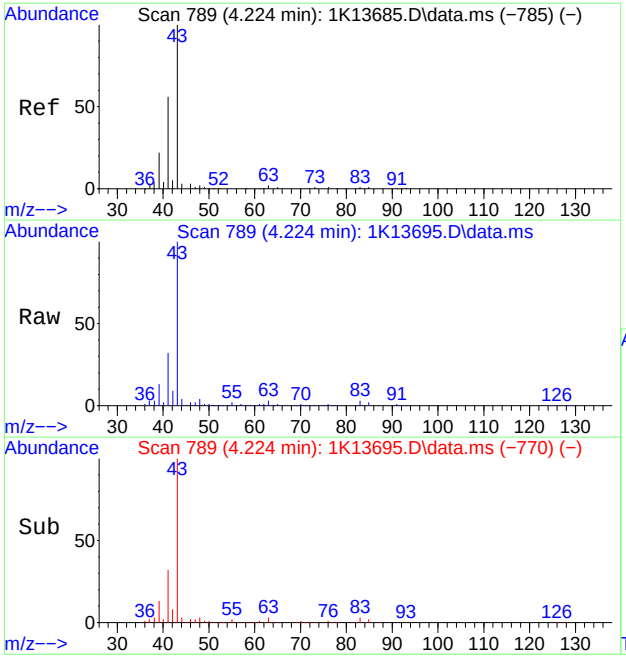


#60
trichloroethene
Concen: 53.77 ug/L
RT: 3.270 min Scan# 607
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:130 Resp: 243751

Ion	Ratio	Lower	Upper
130	100		
132	99.9	70.3	130.3
134	30.6	2.0	62.0

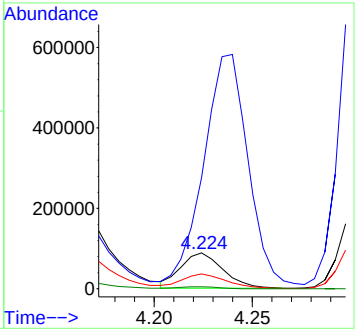


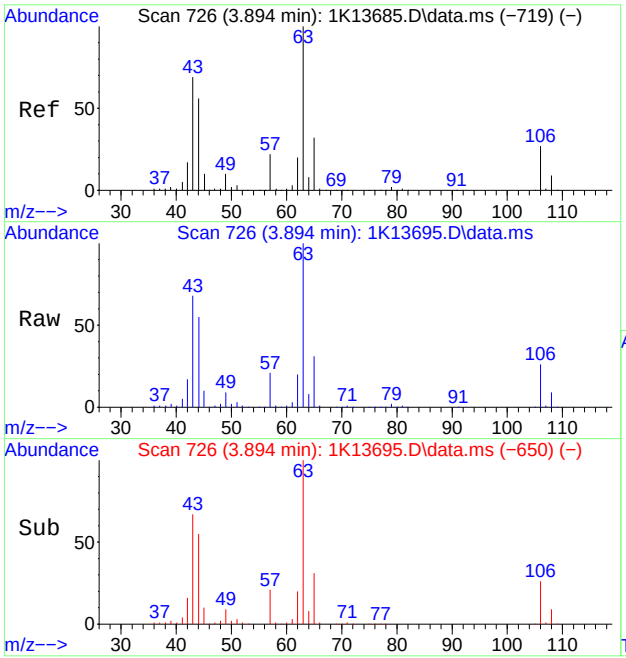


#61
2-nitropropane
Concen: 58.04 ug/L
RT: 4.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 41 Resp: 131790

Ion	Ratio	Lower	Upper
41	100		
43	294.2	127.6	187.6#
39	40.7	8.5	68.5
46	5.6	0.0	36.6

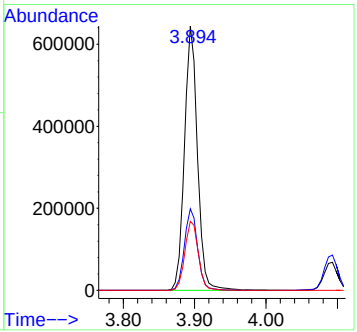


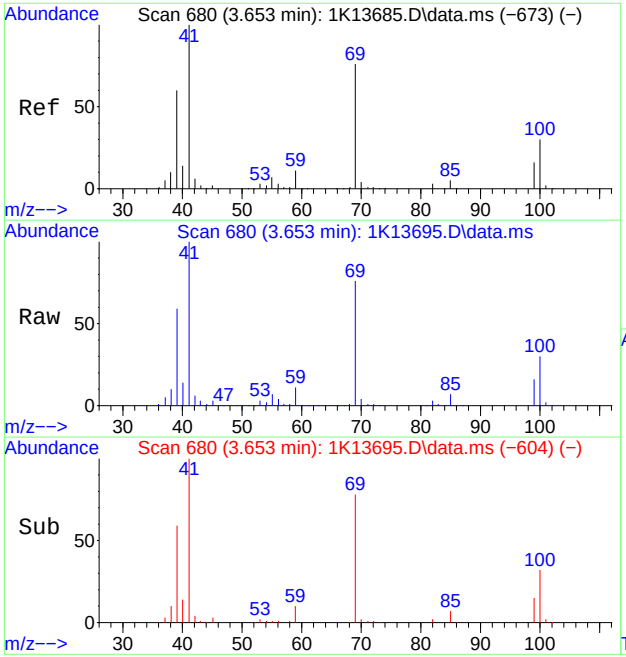


#62
2-chloroethyl vinyl ether
Concen: 310.73 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 63 Resp: 817828

Ion	Ratio	Lower	Upper
63	100		
65	30.9	1.9	61.9
106	26.1	0.0	57.3

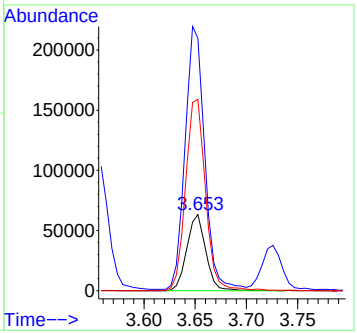


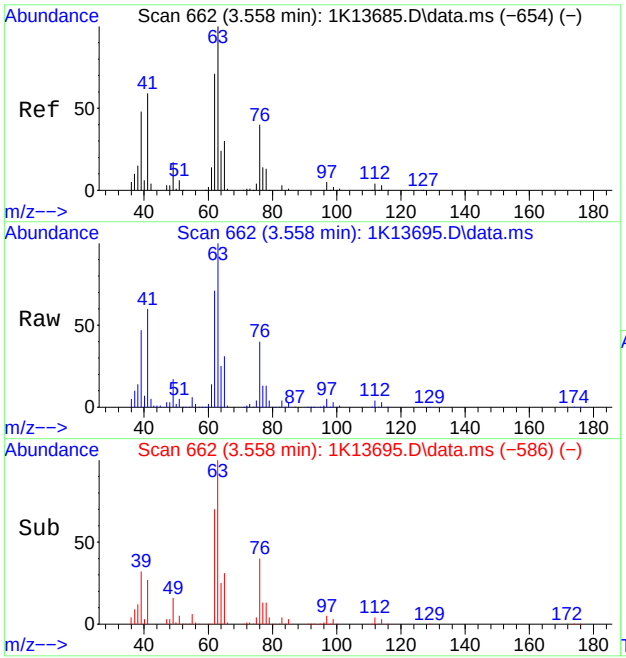


#63
methyl methacrylate
Concen: 56.23 ug/L
RT: 3.653 min Scan# 680
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:100 Resp: 82090

Ion	Ratio	Lower	Upper
100	100		
41	329.0	304.0	364.0
69	251.1	224.1	284.1

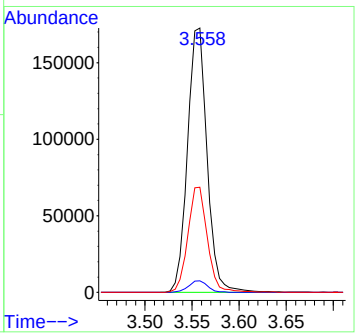


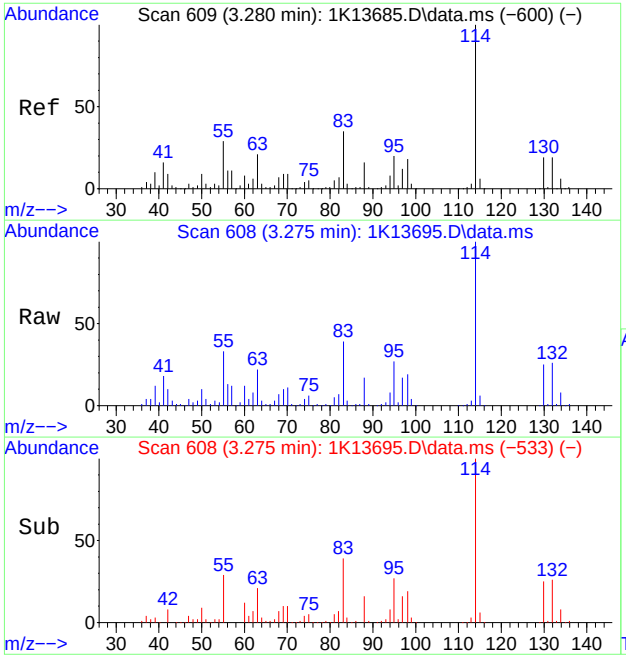


#64
1,2-dichloropropane
Concen: 54.00 ug/L
RT: 3.558 min Scan# 662
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 63 Resp: 249716

Ion	Ratio	Lower	Upper
63	100		
112	4.4	0.0	34.4
76	39.7	10.3	70.3

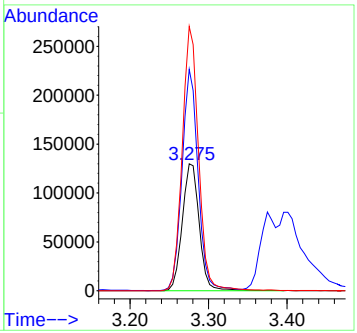


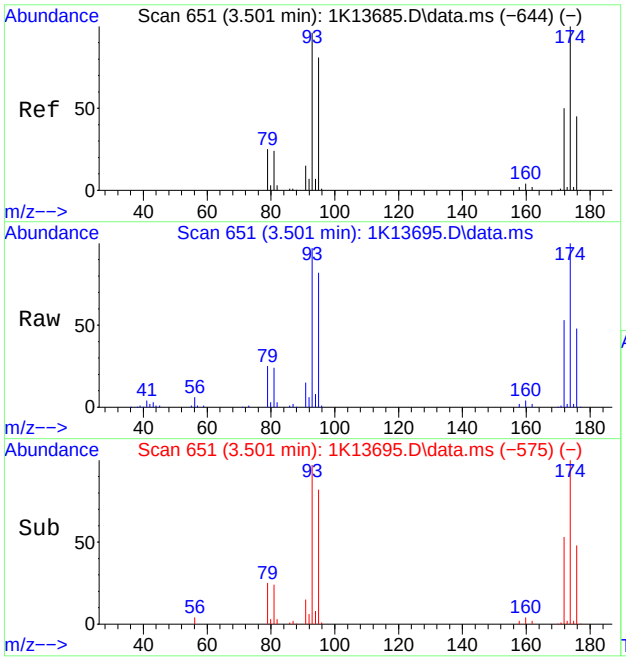


#65
methylcyclohexane
Concen: 55.65 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 98 Resp: 195073

Ion	Ratio	Lower	Upper
98	100		
55	174.3	130.3	190.3
83	208.3	194.3	194.3#

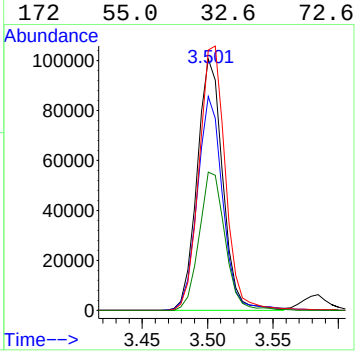


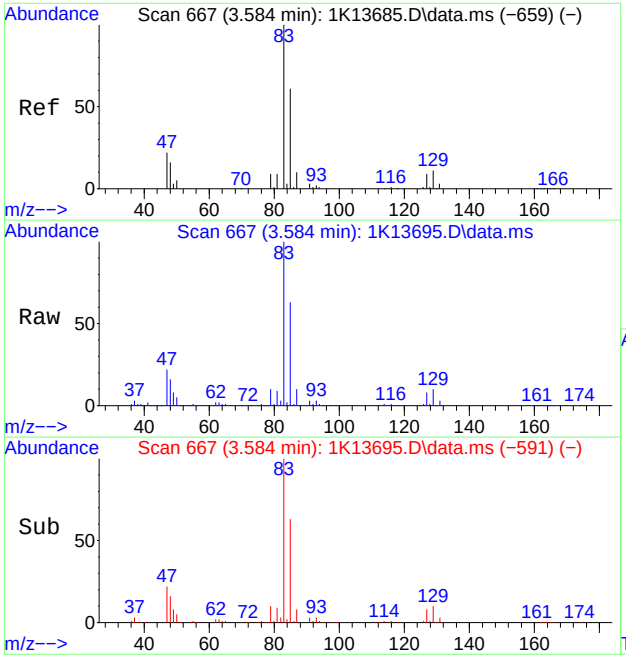


#66
dibromomethane
Concen: 51.94 ug/L
RT: 3.501 min Scan# 651
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 93 Resp: 137174

Ion	Ratio	Lower	Upper
93	100		
95	85.1	54.7	114.7
174	103.6	74.1	134.1
172	55.0	32.6	72.6

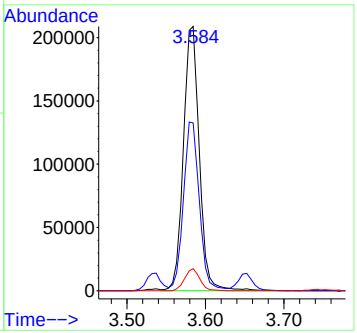


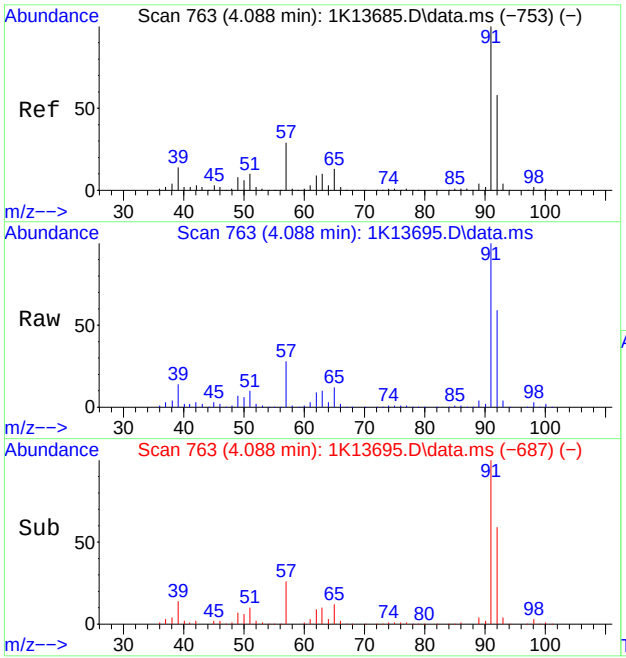


#67
bromodichloromethane
Concen: 52.72 ug/L
RT: 3.584 min Scan# 667
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 83 Resp: 295400

Ion	Ratio	Lower	Upper
83	100		
85	63.4	35.1	95.1
127	8.4	0.0	39.1

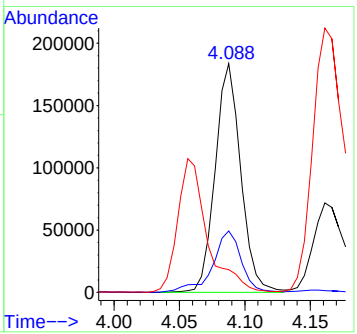


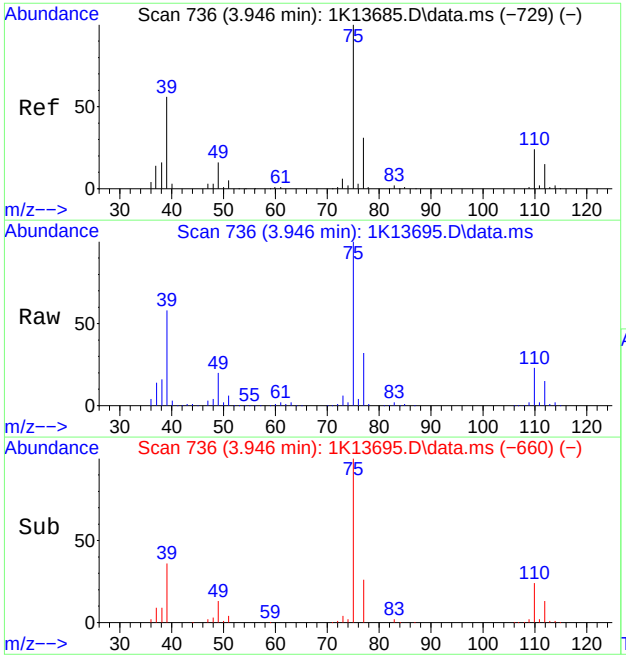


#68
epichlorohydrin
Concen: 267.52 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 57 Resp: 250823

Ion	Ratio	Lower	Upper
57	100		
49	26.8	6.2	46.2
42	9.5	0.0	29.7

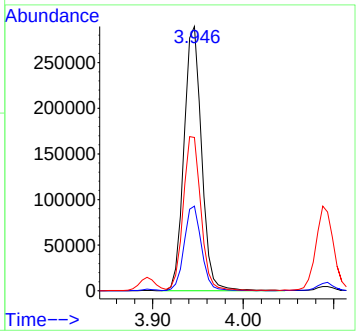


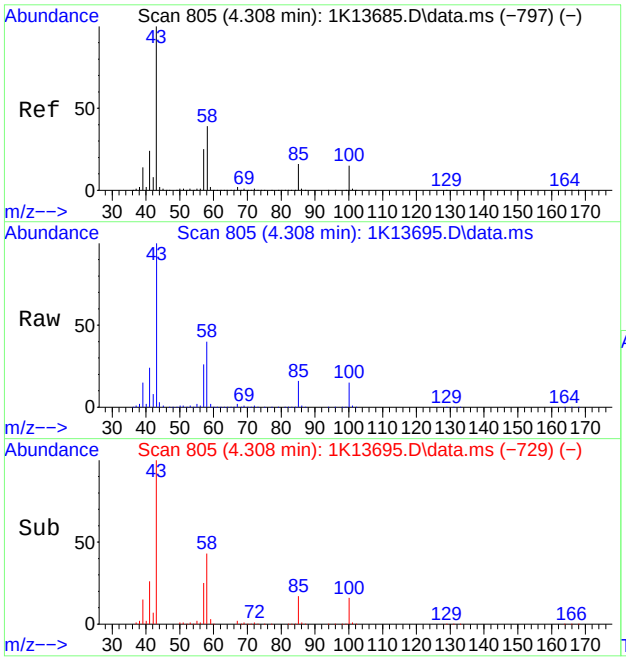


#69
cis-1,3-dichloropropene
Concen: 55.37 ug/L
RT: 3.946 min Scan# 736
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 75 Resp: 392876

Ion	Ratio	Lower	Upper
75	100		
77	31.9	1.6	61.6
39	57.7	26.9	86.9

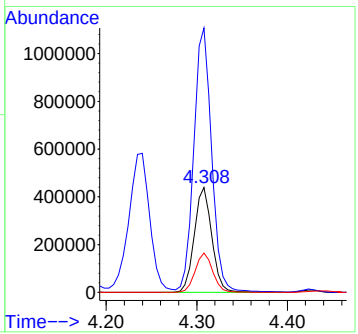


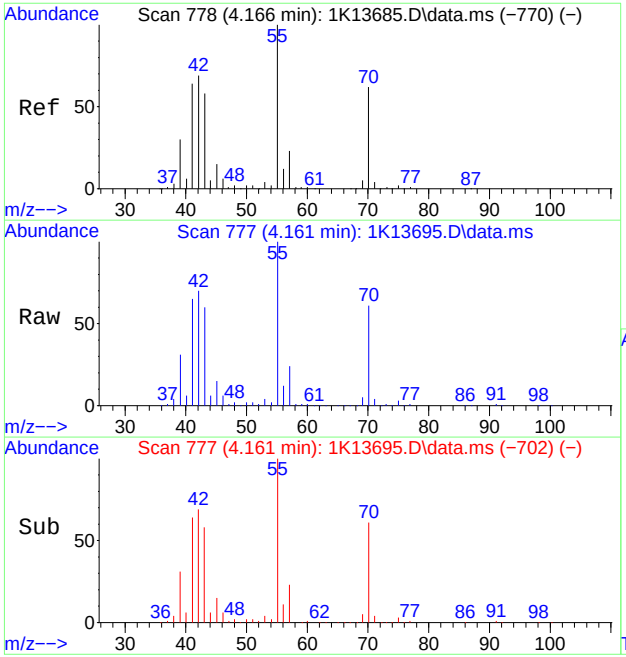


#70
4-methyl-2-pentanone
Concen: 224.36 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 58 Resp: 590858

Ion	Ratio	Lower	Upper
58	100		
43	251.9	226.7	286.7
100	37.5	8.1	68.1

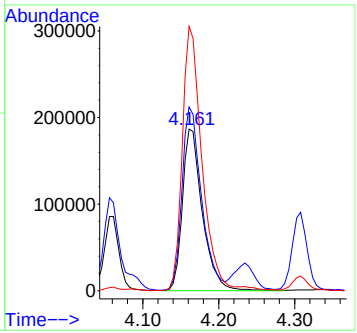


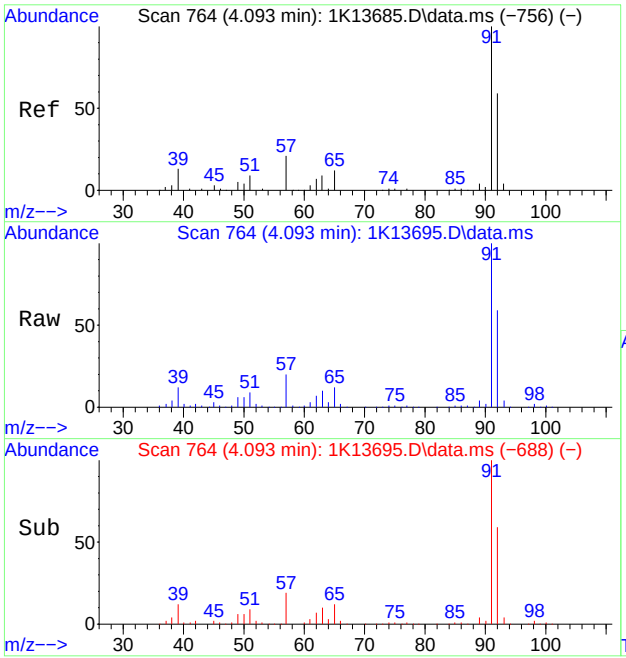


#71
3-methyl-1-butanol
Concen: 1218.56 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 70 Resp: 341485

Ion	Ratio	Lower	Upper
70	100		
42	113.5	81.3	141.3
55	163.5	131.4	191.4

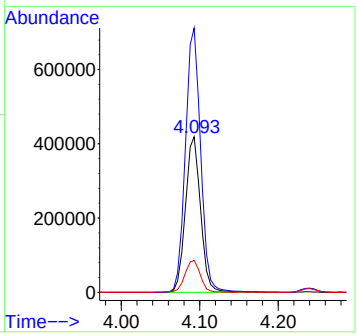


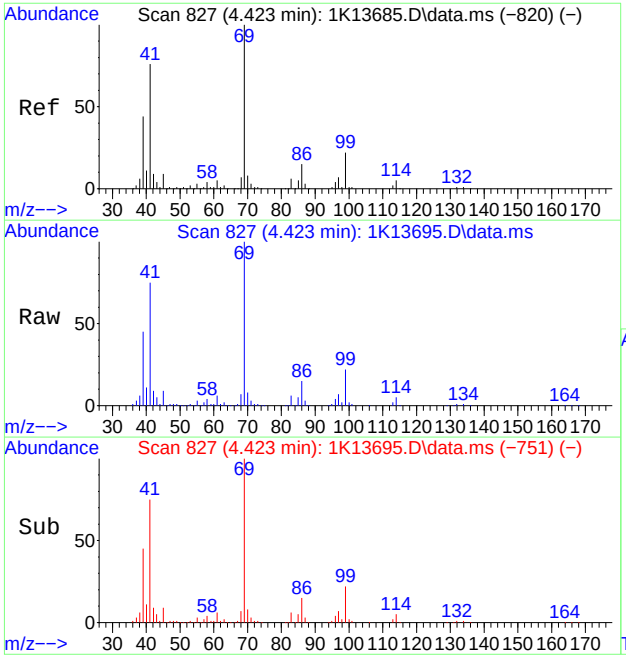


#74
toluene
Concen: 52.42 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 92 Resp: 561064

Ion	Ratio	Lower	Upper
92	100		
91	169.8	150.5	190.5
65	20.5	0.6	40.6

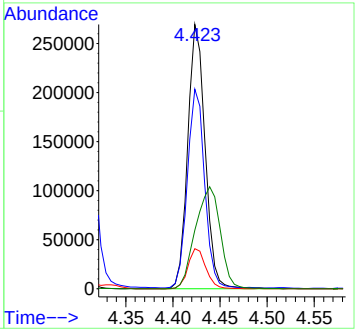


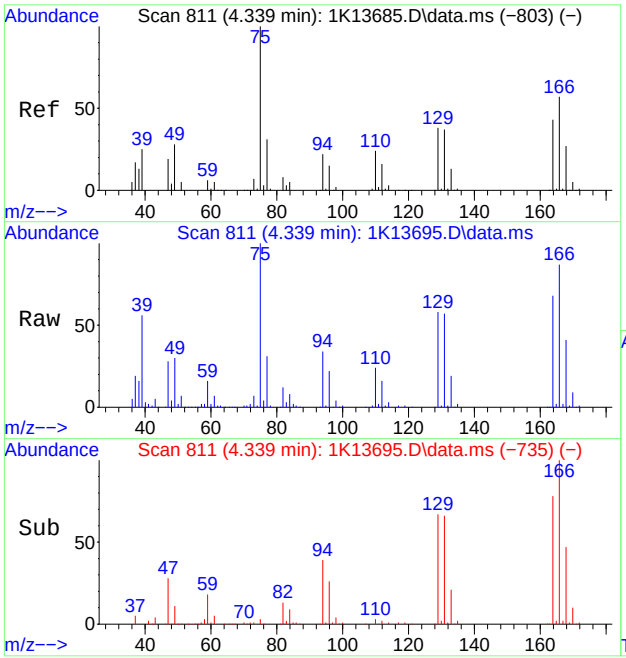


#75
ethyl methacrylate
Concen: 57.12 ug/L
RT: 4.423 min Scan# 827
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 69 Resp: 345609

Ion	Ratio	Lower	Upper
69	100		
41	75.1	56.7	96.7
86	15.2	0.0	35.4
99	22.1	1.7	41.7

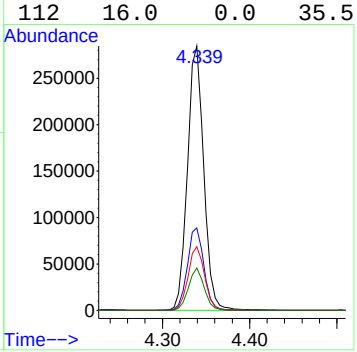


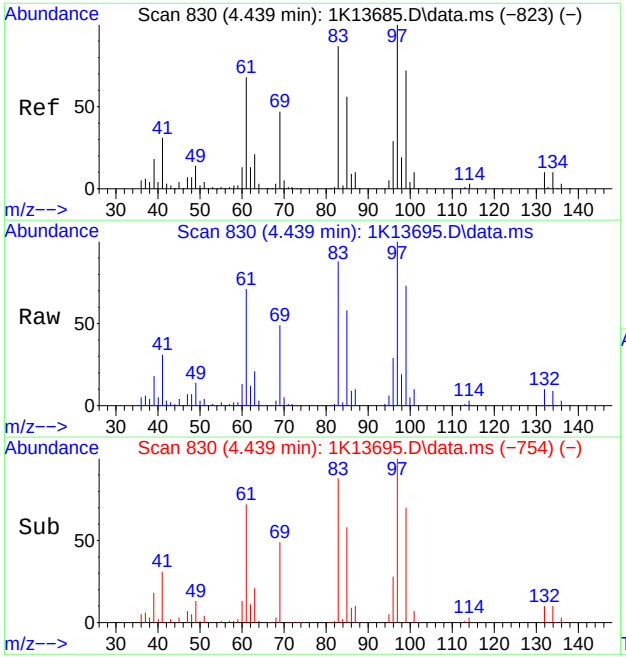


#76
trans-1,3-dichloropropene
Concen: 56.80 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 75 Resp: 370315

Ion	Ratio	Lower	Upper
75	100		
77	31.2	11.2	51.2
110	24.1	4.0	44.0
112	16.0	0.0	35.5

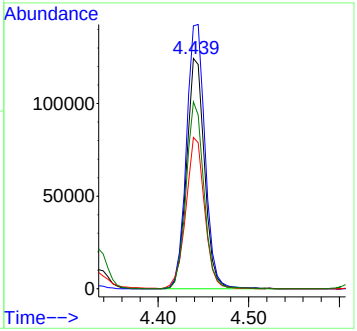


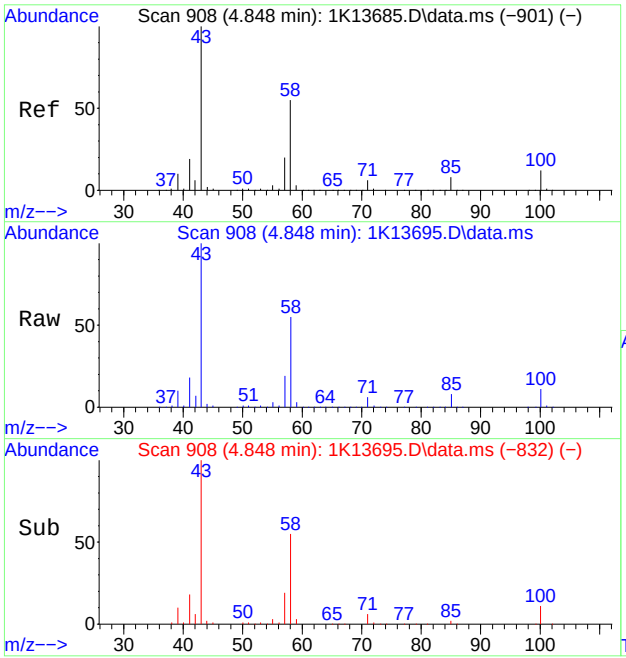


#77
1,1,2-trichloroethane
Concen: 54.93 ug/L
RT: 4.439 min Scan# 830
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 83 Resp: 172271

Ion	Ratio	Lower	Upper
83	100		
97	114.1	95.4	135.4
85	65.7	45.4	85.4
61	81.2	58.8	98.8

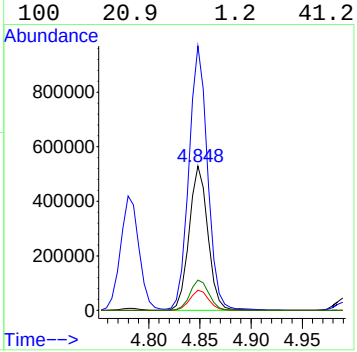


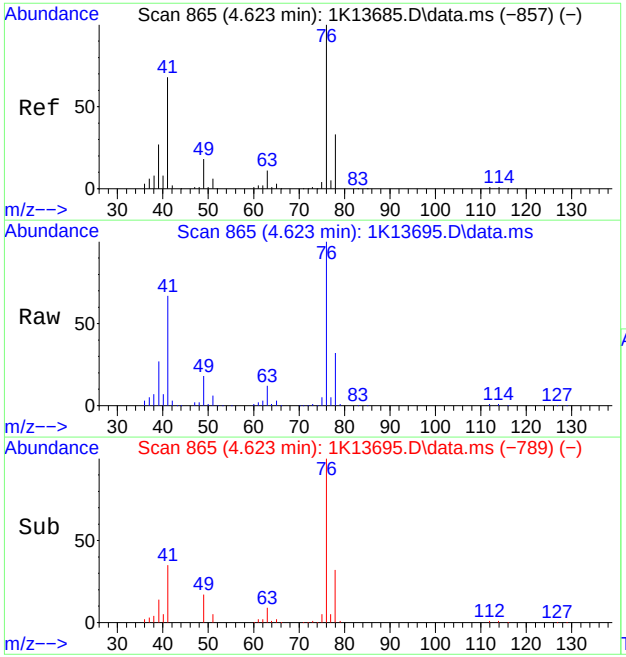


#79
2-hexanone
Concen: 232.12 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 58 Resp: 676374

Ion	Ratio	Lower	Upper
58	100		
43	183.0	162.0	202.0
85	14.0	0.0	34.2
100	20.9	1.2	41.2

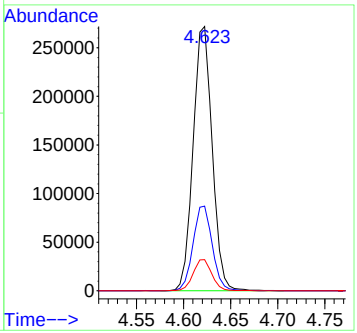


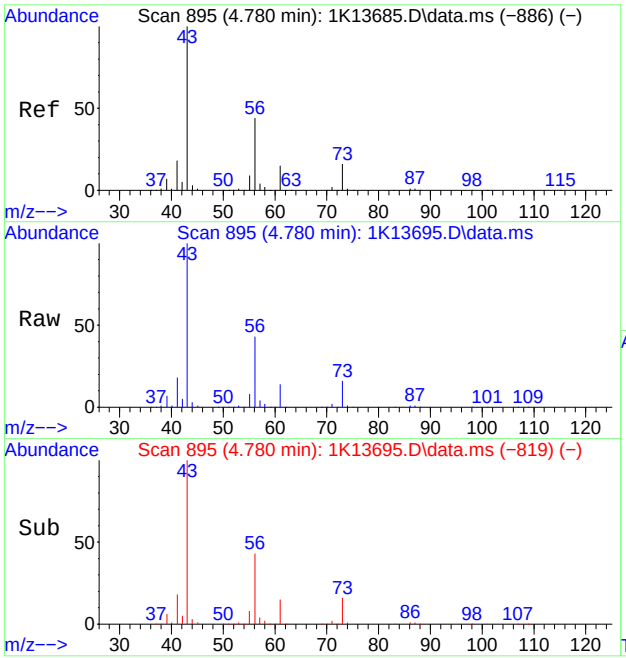


#80
1,3-dichloropropane
Concen: 55.55 ug/L
RT: 4.623 min Scan# 865
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 76 Resp: 383018

Ion	Ratio	Lower	Upper
76	100		
78	32.0	3.0	63.0
63	11.8	0.0	40.8

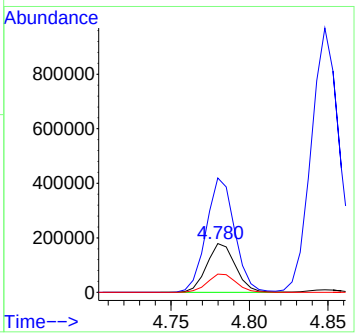


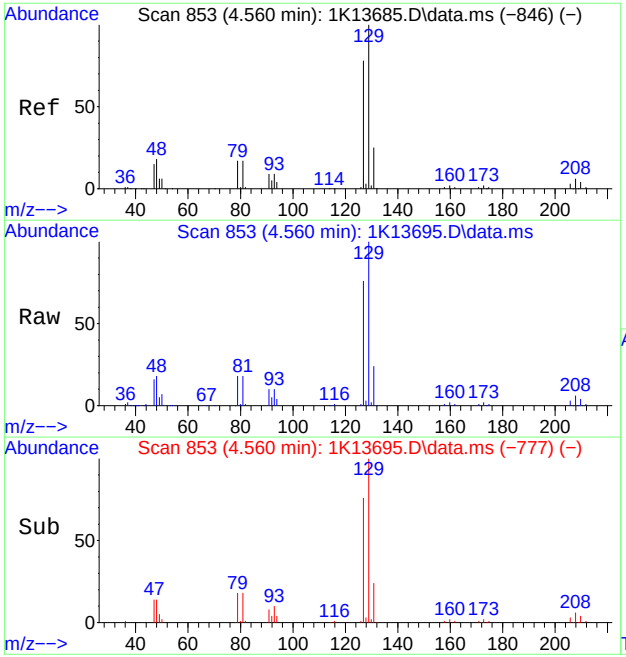


#81
butyl acetate
Concen: 58.08 ug/L
RT: 4.780 min Scan# 895
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 56 Resp: 228607

Ion	Ratio	Lower	Upper
56	100		
43	234.4	198.9	258.9
73	37.6	7.7	67.7

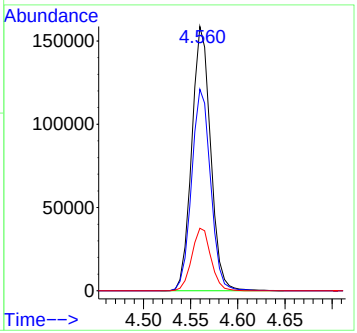


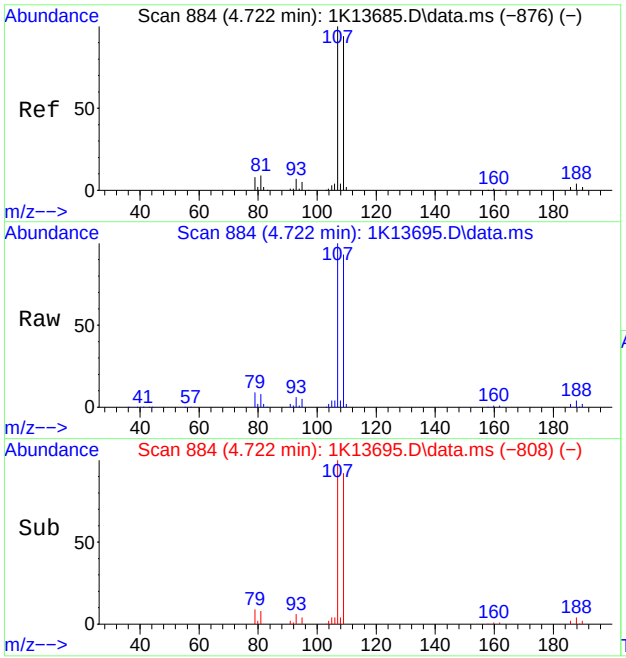


#82
dibromochloromethane
Concen: 57.70 ug/L
RT: 4.560 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:129 Resp: 220733

Ion	Ratio	Lower	Upper
129	100		
127	76.2	48.2	108.2
131	23.7	0.0	54.9

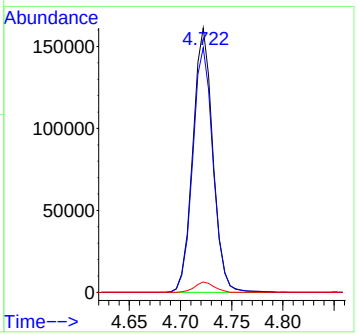


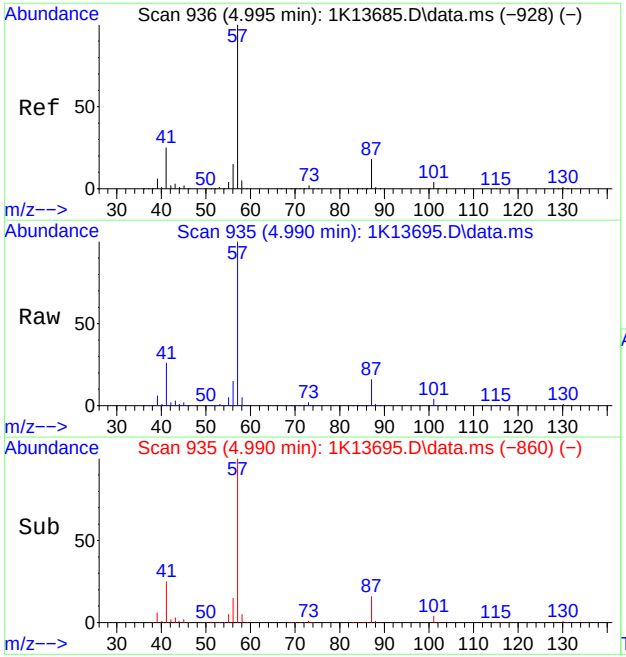


#83
1,2-dibromoethane
Concen: 55.42 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:107 Resp: 220180

Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.1	124.1
188	3.9	0.0	33.9

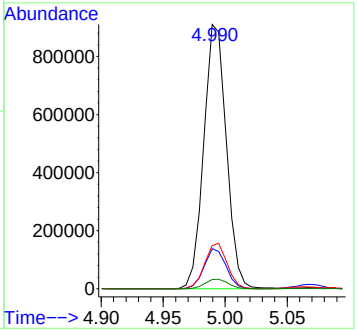


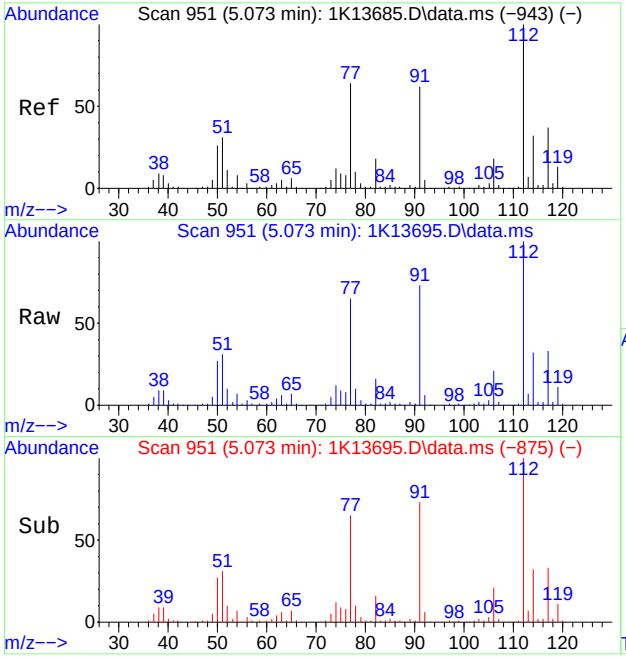


#84
n-butyl ether
Concen: 56.00 ug/L
RT: 4.990 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 57 Resp: 1156745

Ion	Ratio	Lower	Upper
57	100		
56	15.1	0.0	44.5
87	16.4	0.0	47.6
101	3.6	0.0	33.9

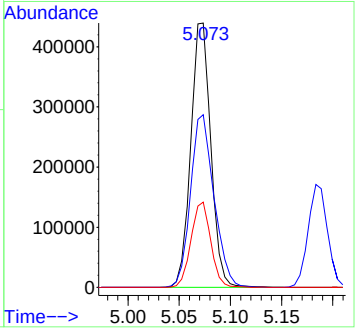


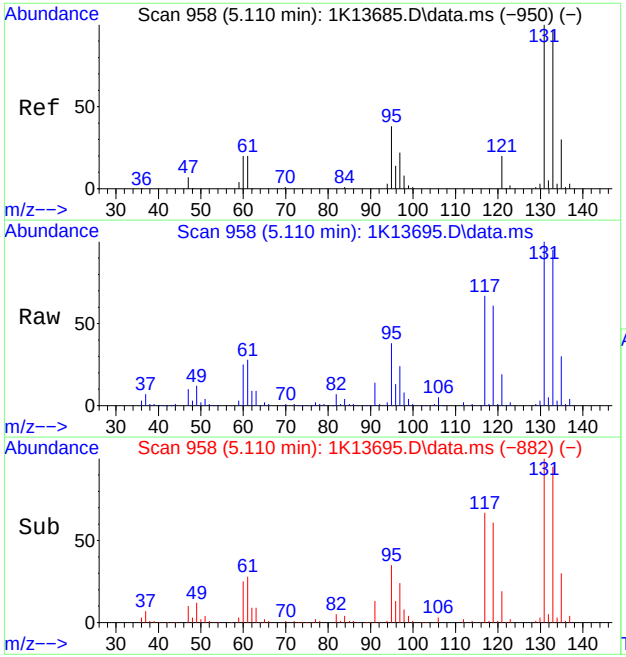


#85
chlorobenzene
Concen: 52.96 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:112 Resp: 600897

Ion	Ratio	Lower	Upper
112	100		
77	65.3	33.8	93.8
114	32.2	2.0	62.0

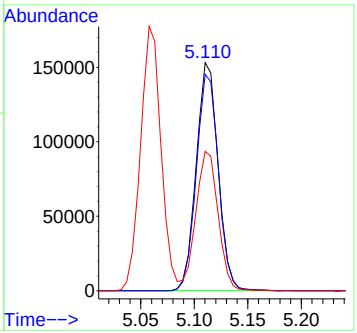


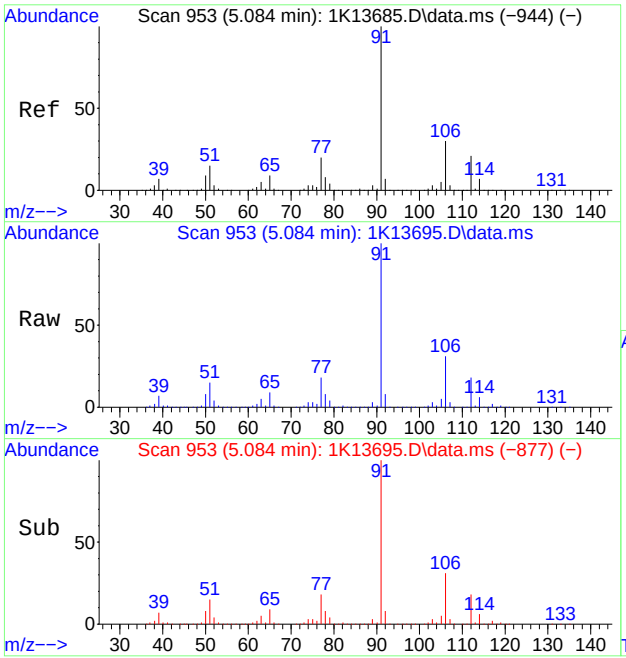


#86
1,1,1,2-tetrachloroethane
Concen: 58.27 ug/L
RT: 5.110 min Scan# 958
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:131 Resp: 218214

Ion	Ratio	Lower	Upper
131	100		
133	94.7	67.0	127.0
119	60.9	34.4	94.4

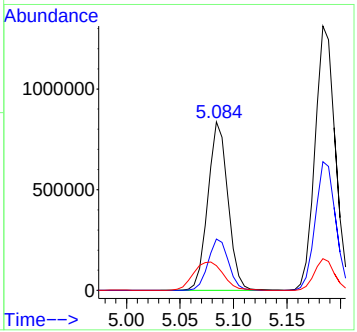


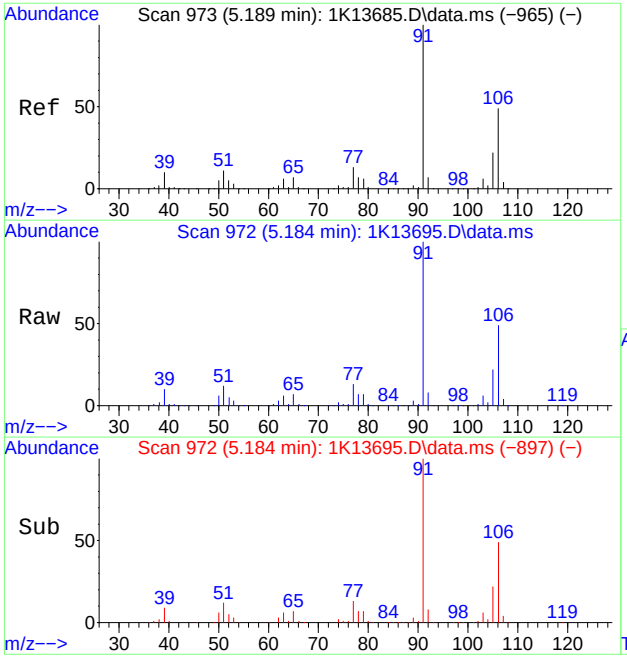


#87
ethylbenzene
Concen: 51.25 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 91 Resp: 1093479

Ion	Ratio	Lower	Upper
91	100		
106	30.5	0.2	60.2
51	14.6	0.0	45.3

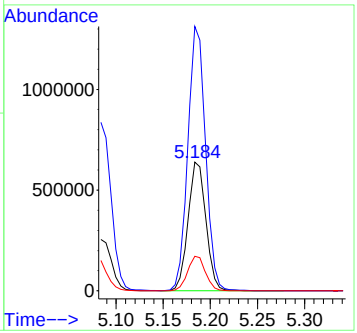


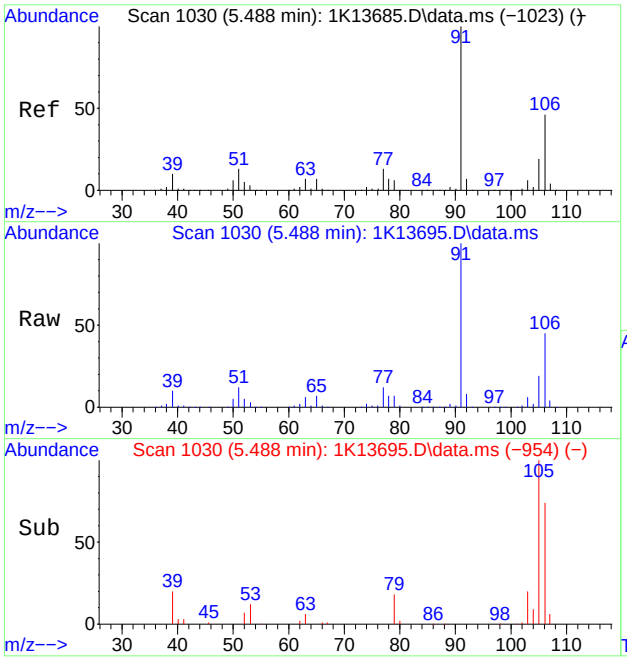


#88
m,p-xylene
Concen: 105.73 ug/L
RT: 5.184 min Scan# 972
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:106 Resp: 841094

Ion	Ratio	Lower	Upper
106	100		
91	205.2	172.8	232.8
77	26.8	5.8	45.8

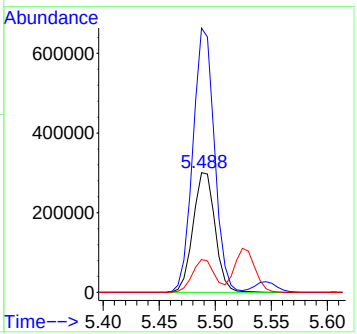


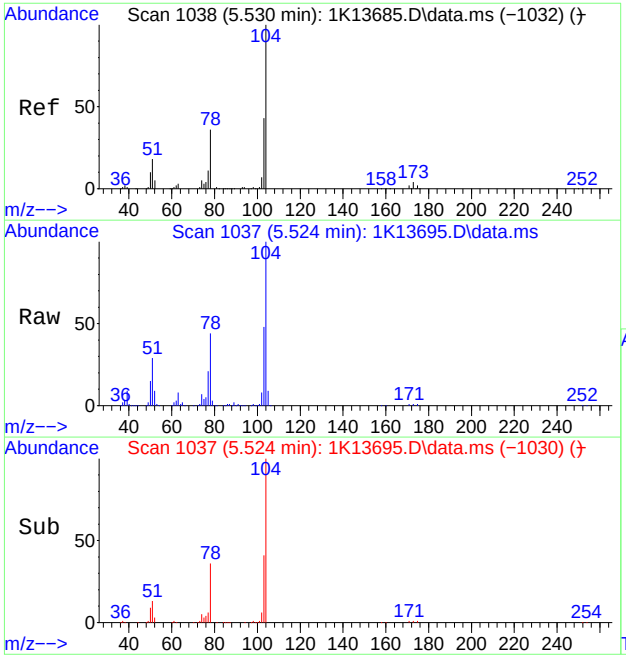


#89
o-xylene
Concen: 54.60 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:106 Resp: 412915

Ion	Ratio	Lower	Upper
106	100		
91	220.9	186.3	246.3
77	27.5	7.1	47.1

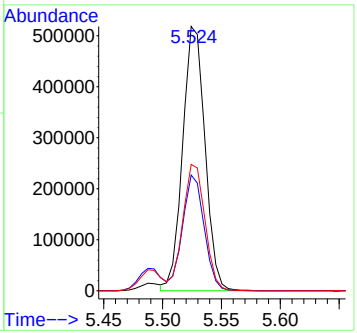


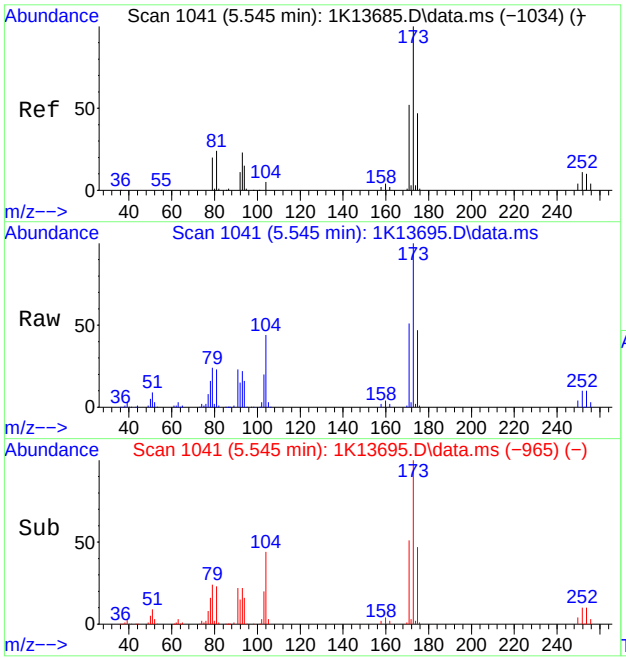


#90
styrene
Concen: 55.11 ug/L
RT: 5.524 min Scan# 1037
Delta R.T. -0.006 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:104 Resp: 686301

Ion	Ratio	Lower	Upper
104	100		
78	43.8	10.4	70.4
103	47.9	17.6	77.6

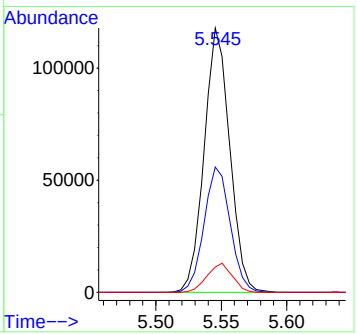


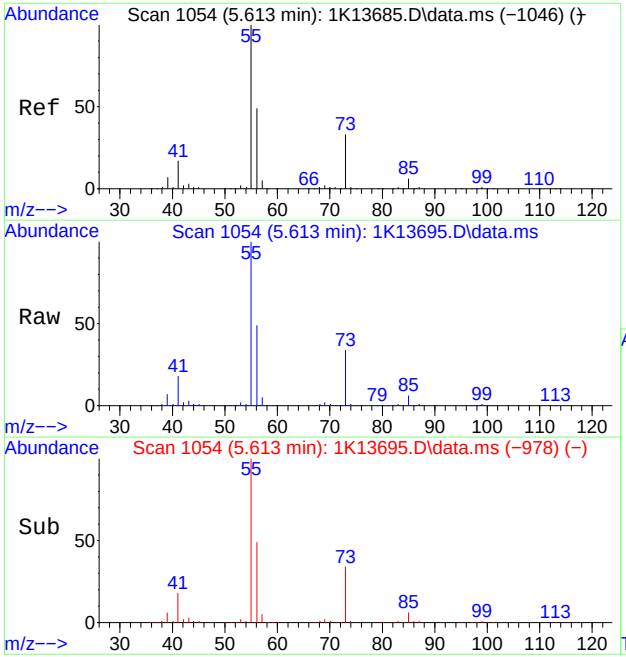


#91
bromoform
Concen: 59.76 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:173 Resp: 160952

Ion	Ratio	Lower	Upper
173	100		
175	47.4	17.2	77.2
254	9.6	0.0	39.9

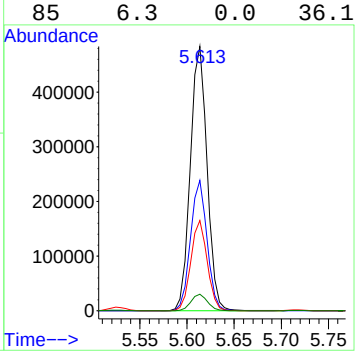


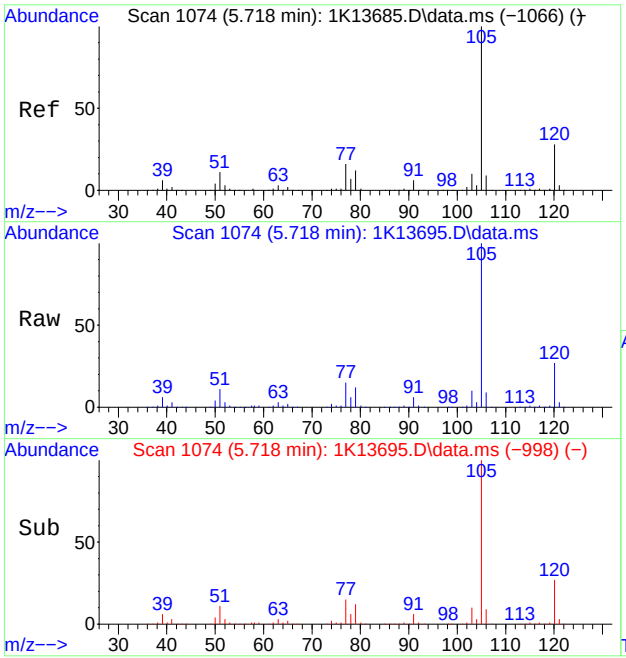


#92
butyl acrylate
Concen: 57.37 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 55 Resp: 598328

Ion	Ratio	Lower	Upper
55	100		
56	49.3	19.4	79.4
73	34.1	3.4	63.4
85	6.3	0.0	36.1

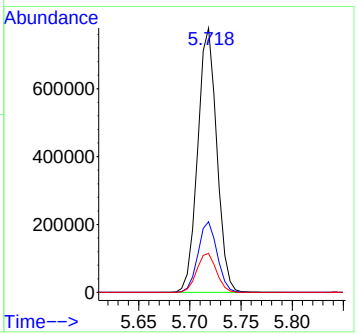


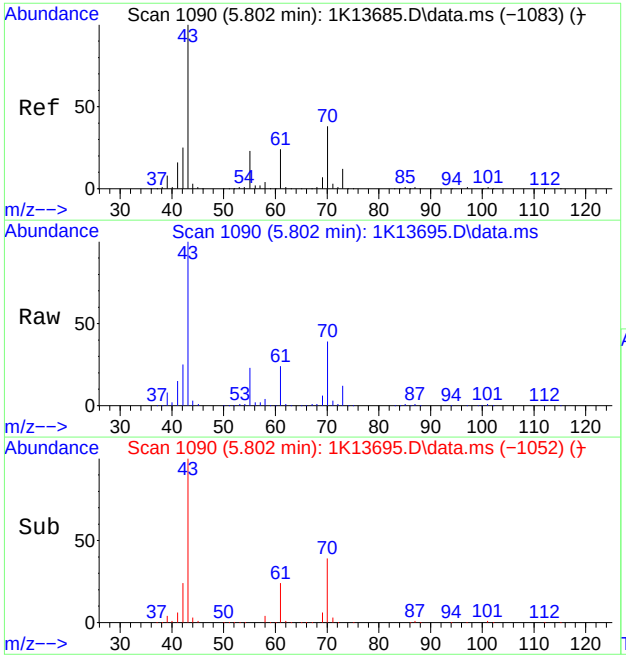


#93
isopropylbenzene
Concen: 56.12 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:105 Resp: 1013434

Ion	Ratio	Lower	Upper
105	100		
120	26.7	7.6	47.6
77	14.7	0.0	35.6

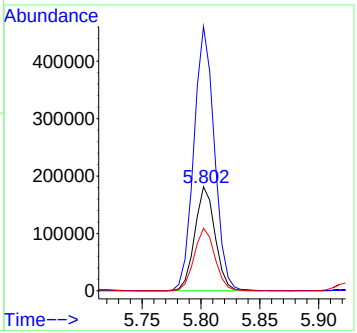


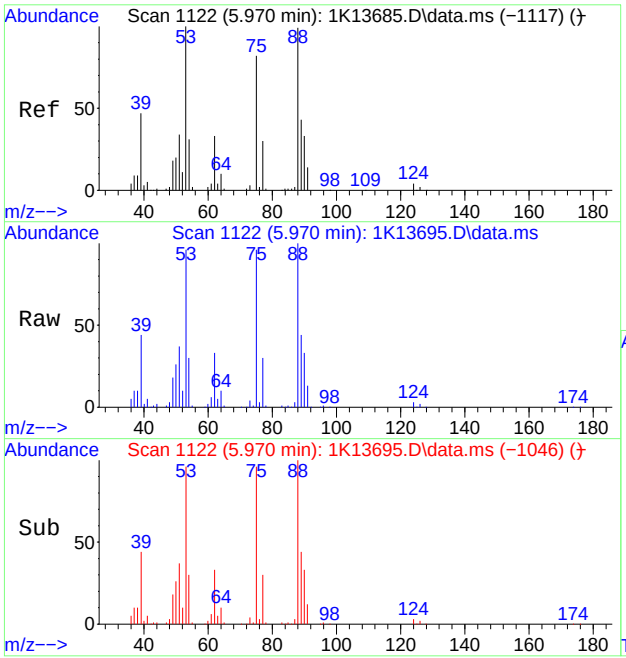


#94
n-amyl acetate
Concen: 58.04 ug/L
RT: 5.802 min Scan# 1090
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 70 Resp: 217681

Ion	Ratio	Lower	Upper
70	100		
43	254.2	241.4	281.4
61	60.3	43.1	83.1

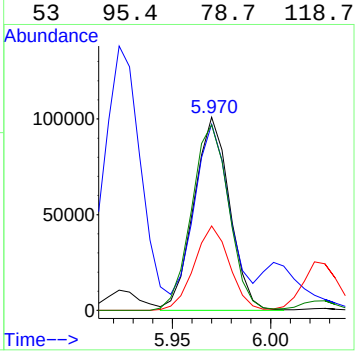


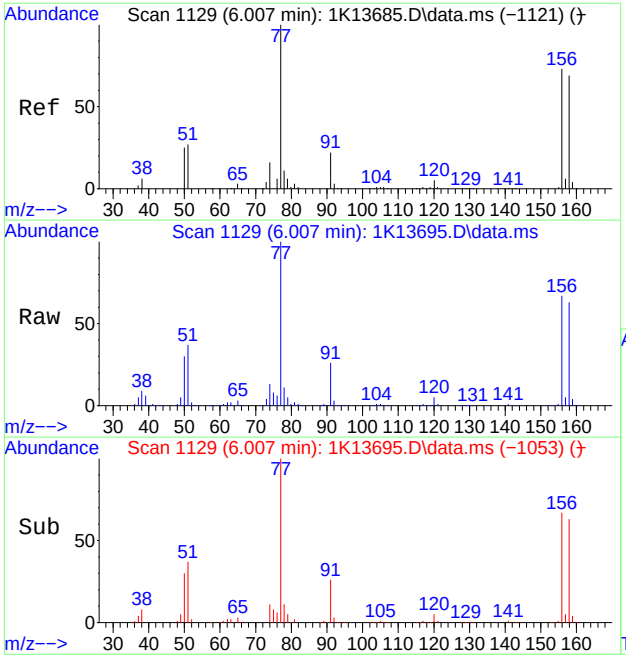


#95
cis-1,4-dichloro-2-butene
Concen: 57.32 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 88 Resp: 128480

Ion	Ratio	Lower	Upper
88	100		
75	84.2	61.4	101.4
89	43.4	22.1	62.1
53	95.4	78.7	118.7

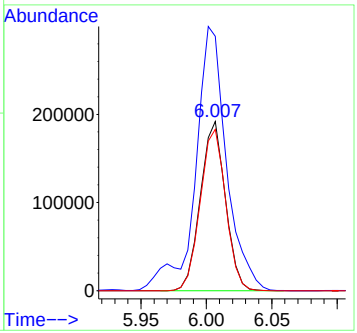


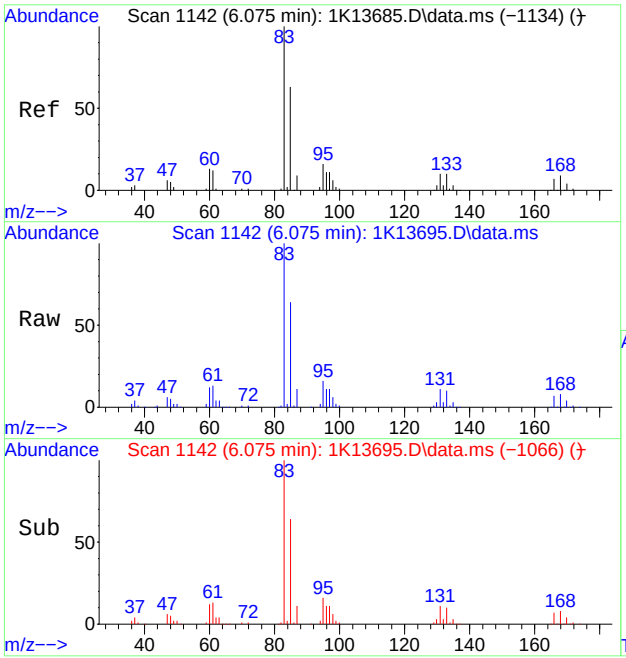


#98
bromobenzene
Concen: 53.86 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:156 Resp: 255816

Ion	Ratio	Lower	Upper
156	100		
77	150.1	121.4	181.4
158	95.3	64.8	124.8

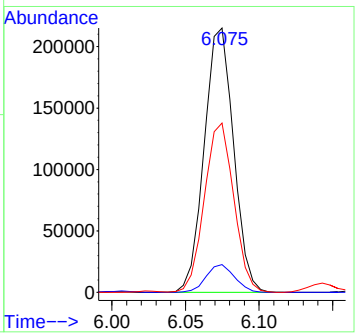


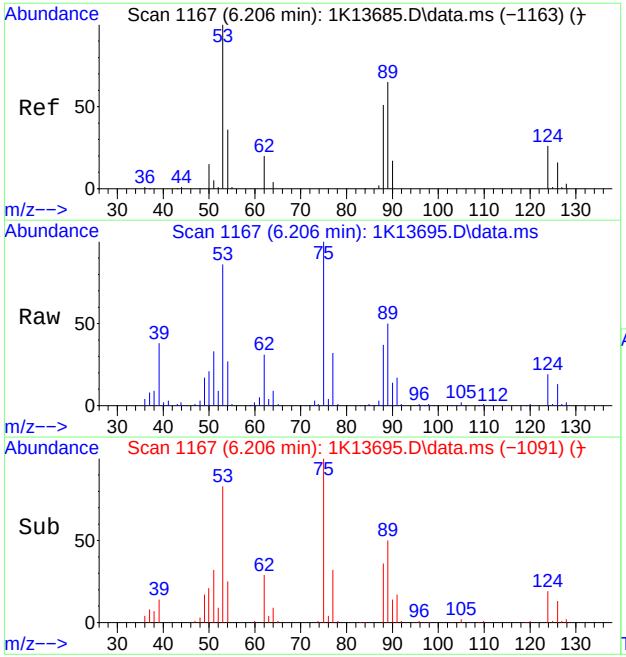


#99
1,1,2,2-tetrachloroethane
Concen: 54.87 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 83 Resp: 297902

Ion	Ratio	Lower	Upper
83	100		
131	10.5	0.0	40.4
85	64.0	33.3	93.3

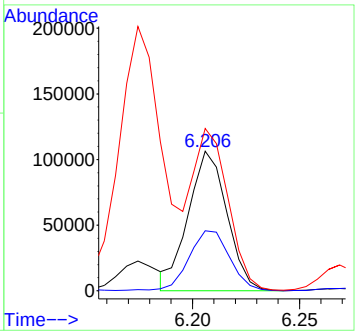


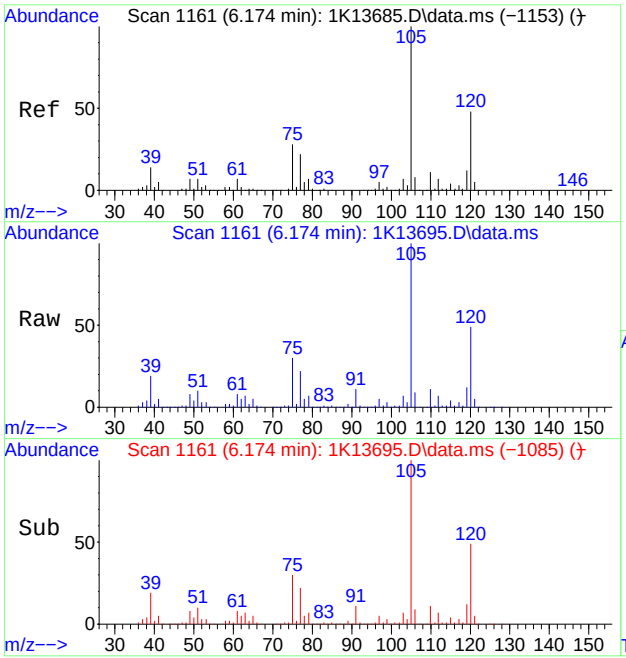


#100
trans-1,4-dichloro-2-butene
Concen: 60.59 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 53 Resp: 134200

Ion	Ratio	Lower	Upper
53	100		
88	43.1	15.0	75.0
75	115.9	88.4	148.4

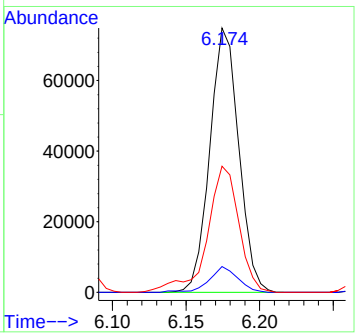


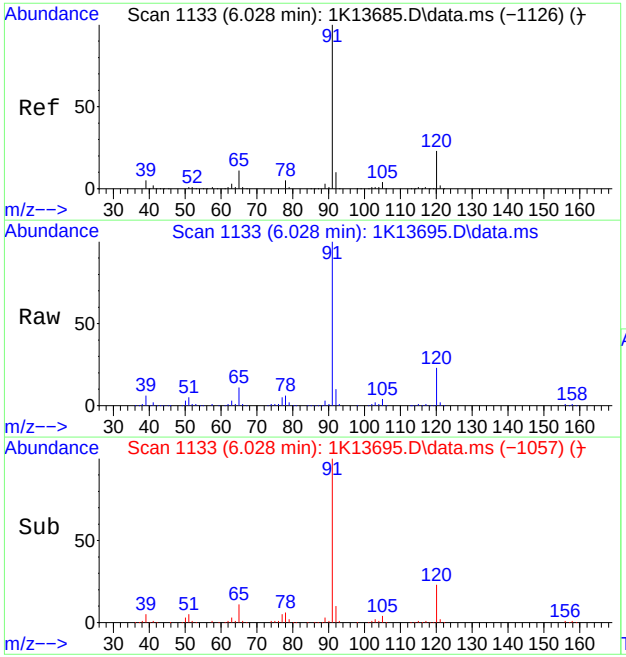


#101
1,2,3-trichloropropane
Concen: 56.43 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:110 Resp: 102224

Ion	Ratio	Lower	Upper
110	100		
111	9.8	0.0	40.4
97	47.7	19.6	79.6

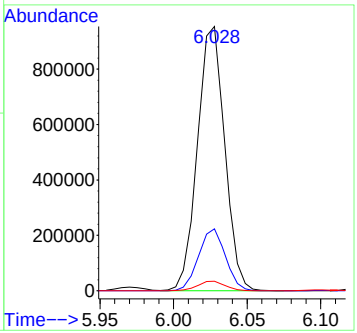


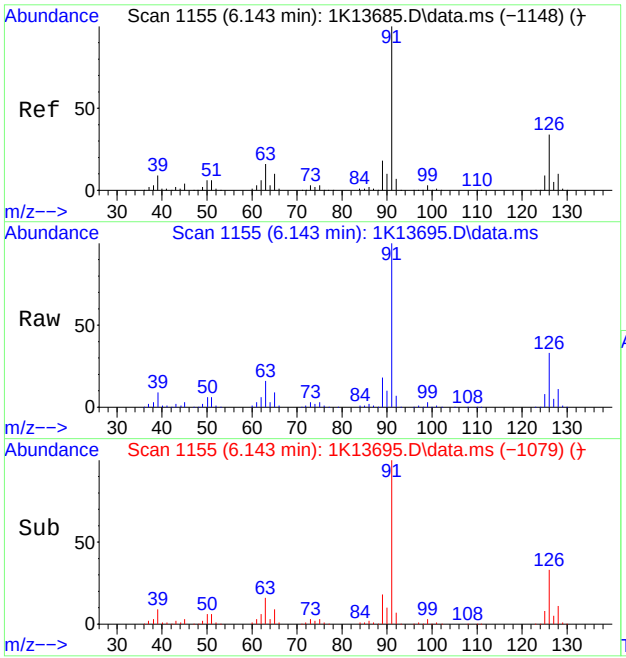


#102
n-propylbenzene
Concen: 53.73 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 91 Resp: 1228175

Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	53.1
105	3.7	0.0	33.8

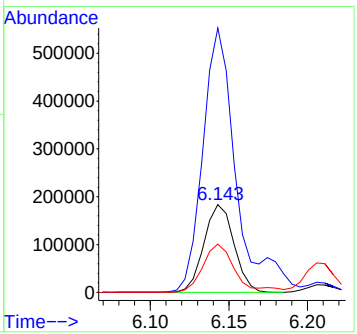


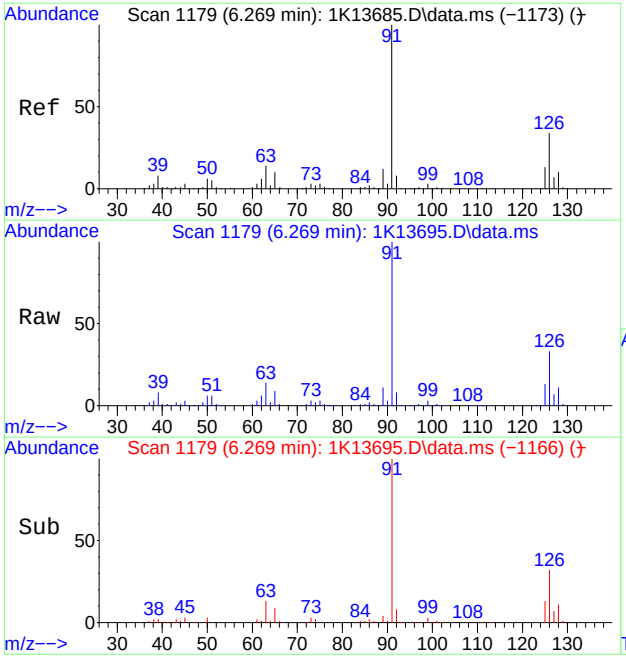


#103
2-chlorotoluene
Concen: 55.08 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:126 Resp: 244954

Ion	Ratio	Lower	Upper
126	100		
91	300.5	265.3	325.3
89	54.8	24.5	84.5

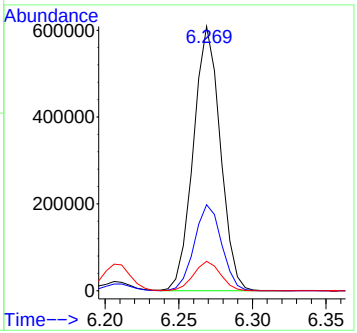


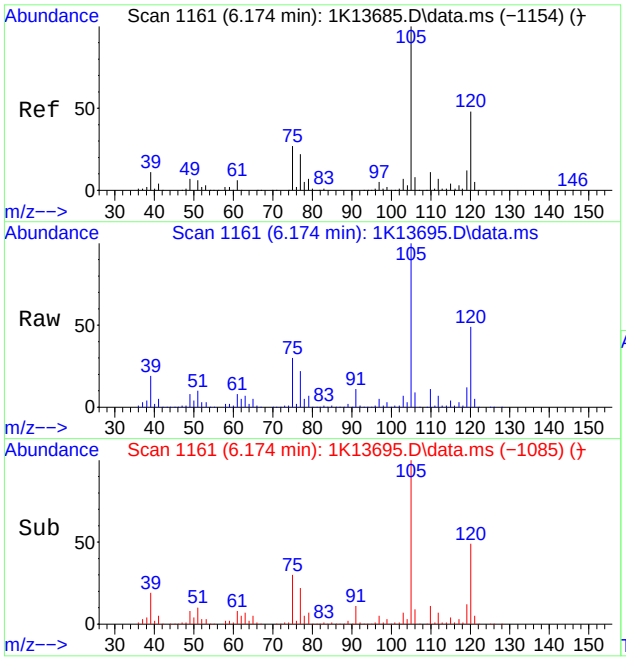


#104
4-chlorotoluene
Concen: 53.34 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 91 Resp: 772291

Ion	Ratio	Lower	Upper
91	100		
126	32.6	3.8	63.8
89	11.1	0.0	41.7

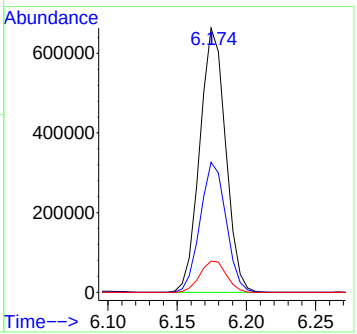


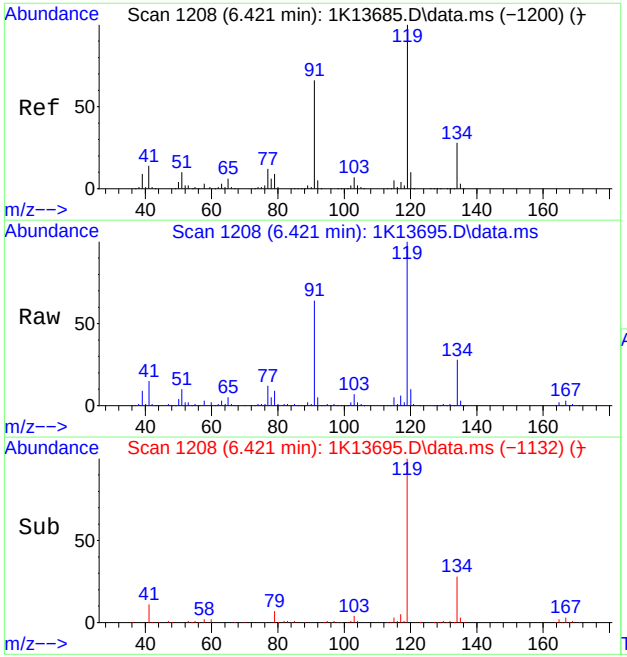


#105
1,3,5-trimethylbenzene
Concen: 54.90 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:105 Resp: 858699

Ion	Ratio	Lower	Upper
105	100		
120	49.2	18.3	78.3
119	11.8	0.0	42.2

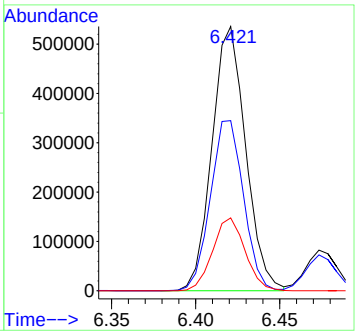


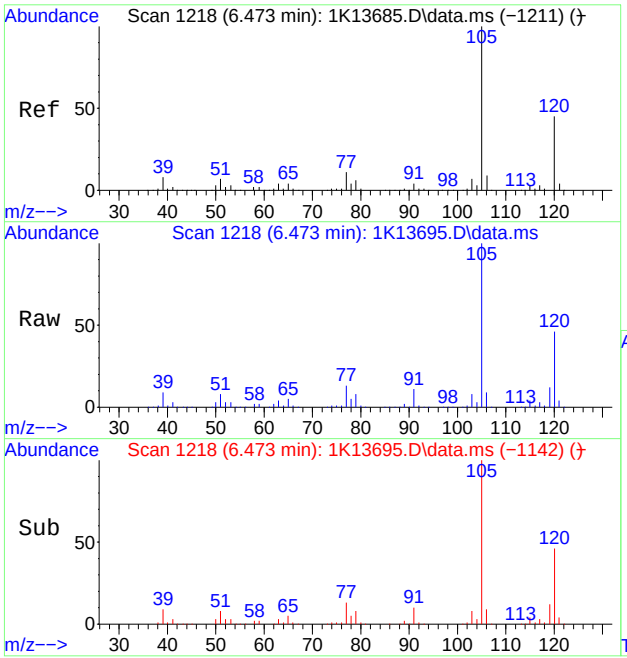


#106
tert-butylbenzene
Concen: 57.15 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:119 Resp: 749436

Ion	Ratio	Lower	Upper
119	100		
91	64.3	36.3	96.3
134	27.6	0.0	57.5

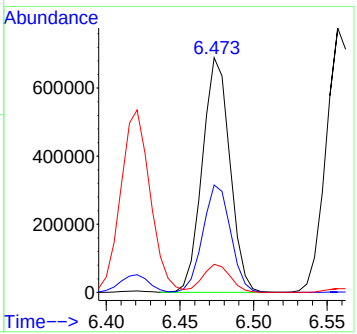


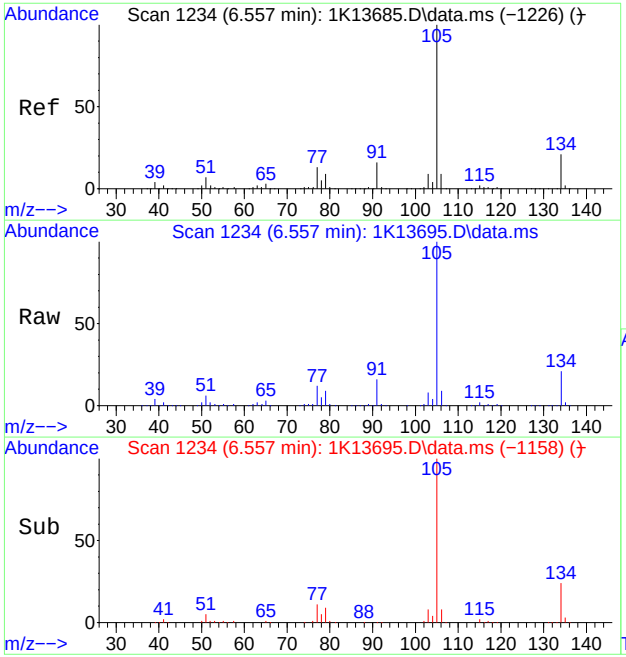


#107
1,2,4-trimethylbenzene
Concen: 55.06 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:105 Resp: 895085

Ion	Ratio	Lower	Upper
105	100		
120	45.8	16.6	76.6
119	12.0	0.0	41.7

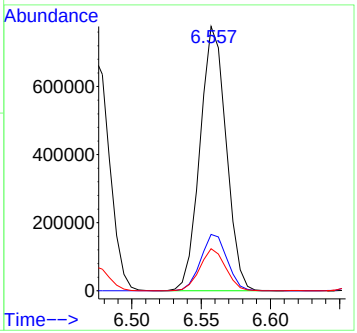


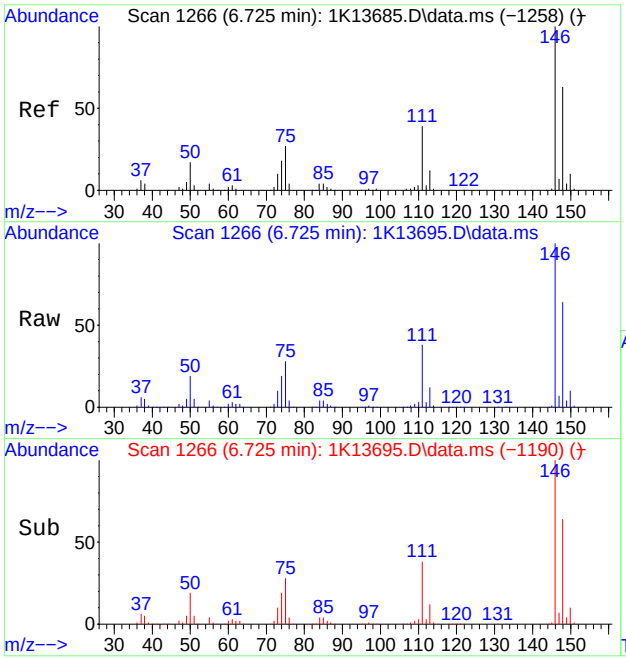


#108
sec-butylbenzene
Concen: 54.98 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:105 Resp: 1018164

Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	50.7
91	15.9	0.0	45.7

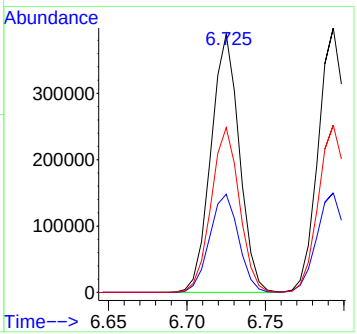


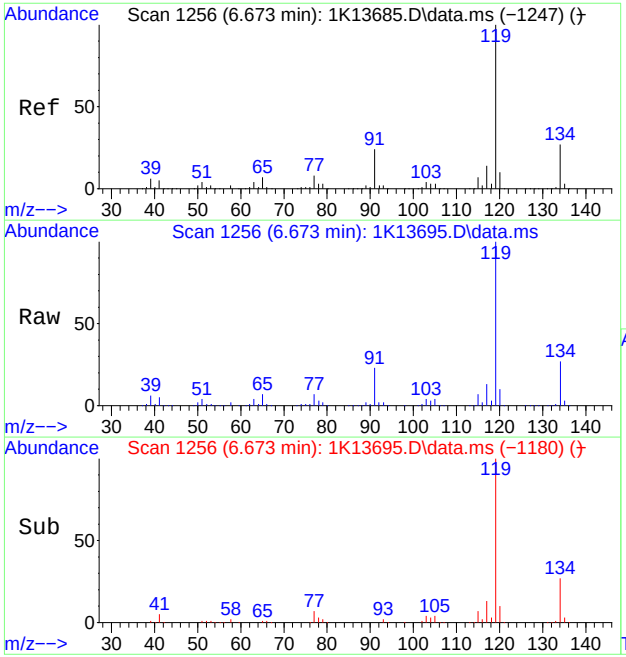


#109
1,3-dichlorobenzene
Concen: 53.17 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:146 Resp: 489918

Ion	Ratio	Lower	Upper
146	100		
111	38.0	8.8	68.8
148	63.9	33.3	93.3

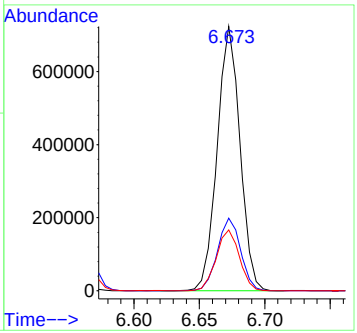


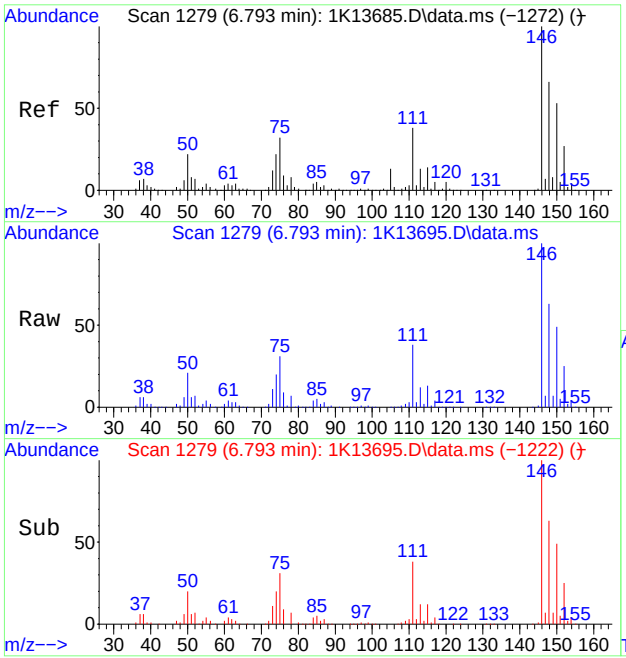


#110
p-isopropyltoluene
Concen: 56.10 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:119 Resp: 879788

Ion	Ratio	Lower	Upper
119	100		
134	27.4	0.0	57.5
91	23.0	0.0	53.9

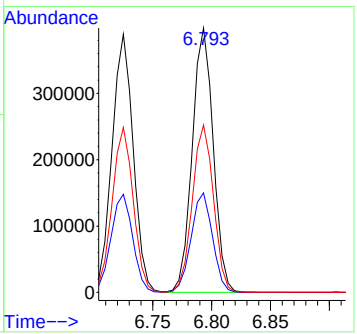


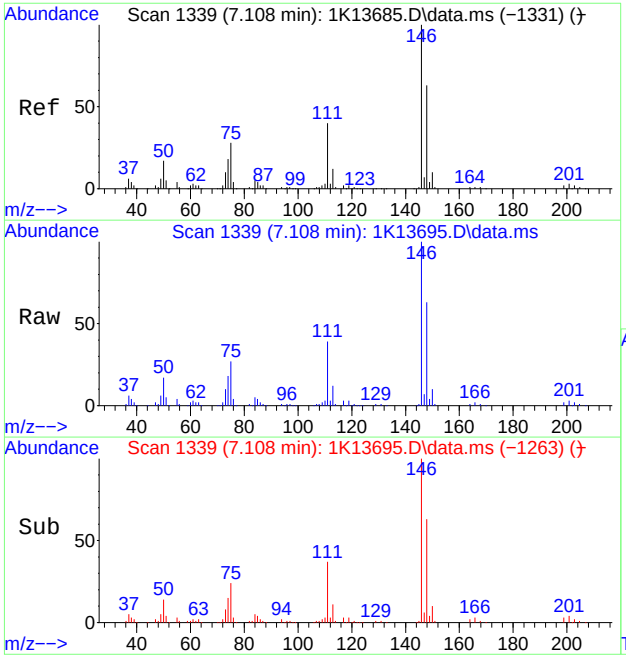


#111
1,4-dichlorobenzene
Concen: 53.22 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:146 Resp: 495240

Ion	Ratio	Lower	Upper
146	100		
111	37.7	7.8	67.8
148	63.3	35.5	95.5

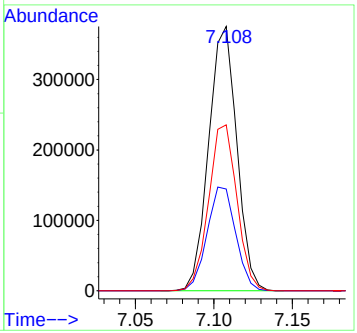


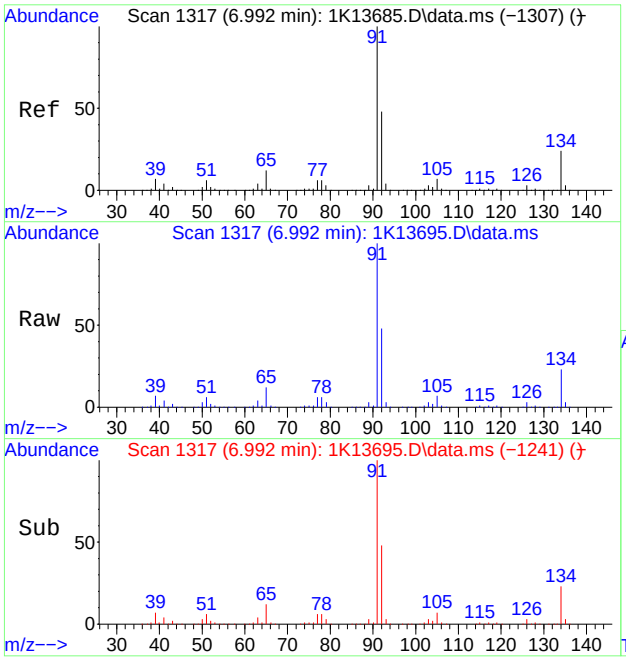


#112
1,2-dichlorobenzene
Concen: 53.71 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:146 Resp: 469056

Ion	Ratio	Lower	Upper
146	100		
111	38.5	9.5	69.5
148	62.7	32.9	92.9

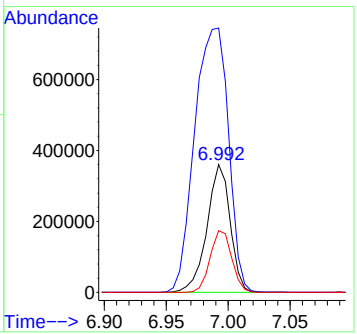


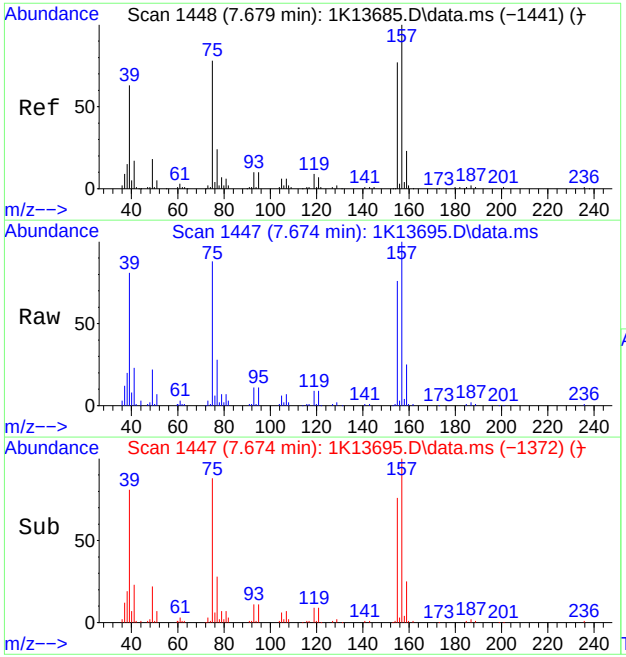


#114
n-butylbenzene
Concen: 56.01 ug/L
RT: 6.992 min Scan# 1317
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion: 92 Resp: 468219

Ion	Ratio	Lower	Upper
92	100		
91	206.9	176.9	236.9
134	48.2	18.8	78.8

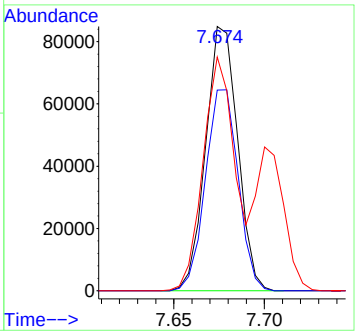


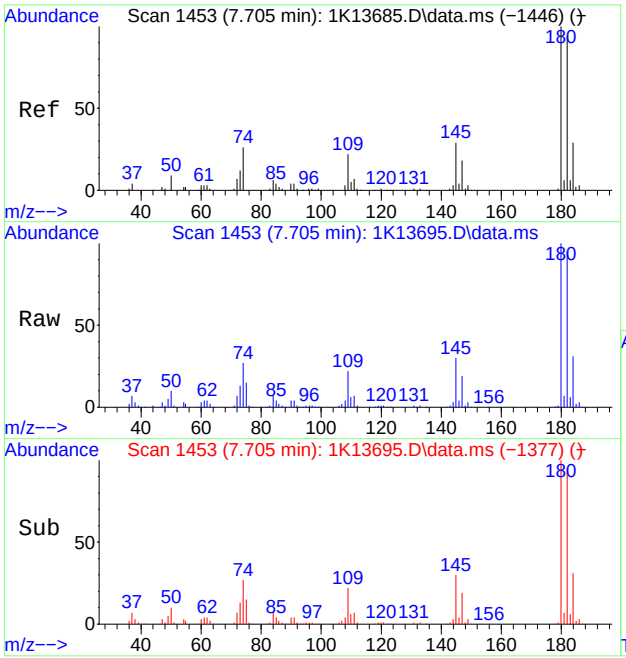


#115
1,2-dibromo-3-chloropropane
Concen: 57.83 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:157 Resp: 104031

Ion	Ratio	Lower	Upper
157	100		
155	75.9	47.4	107.4
75	88.4	47.7	107.7

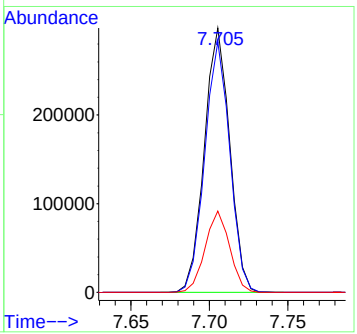


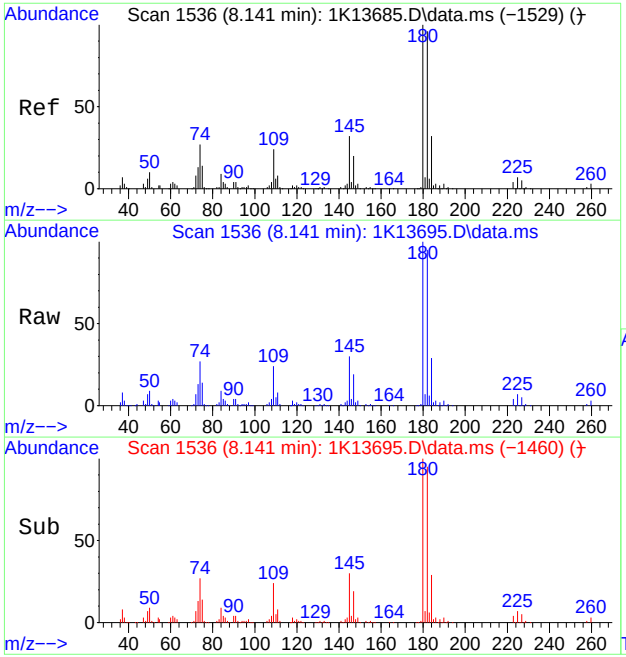


#116
1,3,5-trichlorobenzene
Concen: 58.05 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:180 Resp: 335264

Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.2	114.2
184	30.7	9.3	49.3

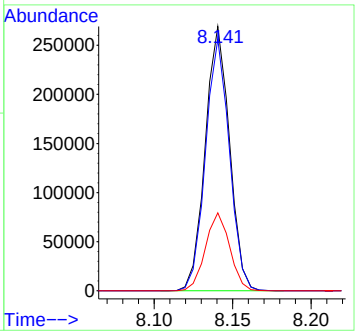


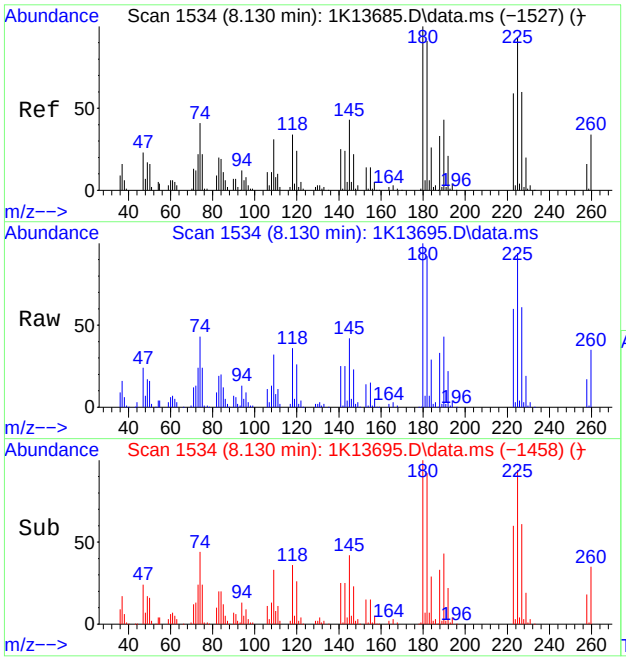


#117
1,2,4-trichlorobenzene
Concen: 55.40 ug/L
RT: 8.141 min Scan# 1536
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:180 Resp: 289328

Ion	Ratio	Lower	Upper
180	100		
182	95.2	66.2	126.2
184	29.4	1.6	61.6

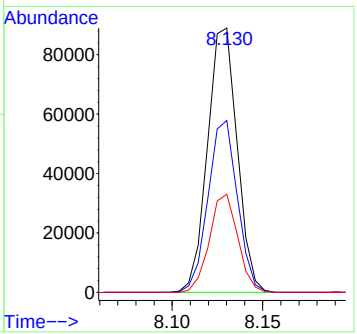


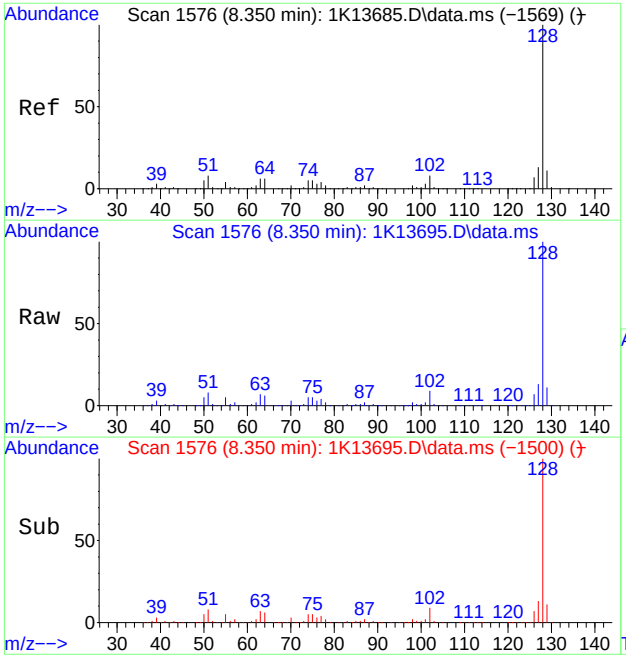


#118
hexachlorobutadiene
Concen: 55.59 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:225 Resp: 101403

Ion	Ratio	Lower	Upper
225	100		
227	65.0	34.0	94.0
260	37.1	6.4	66.4

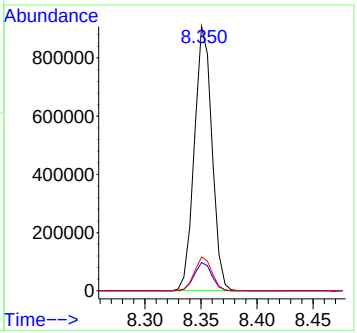


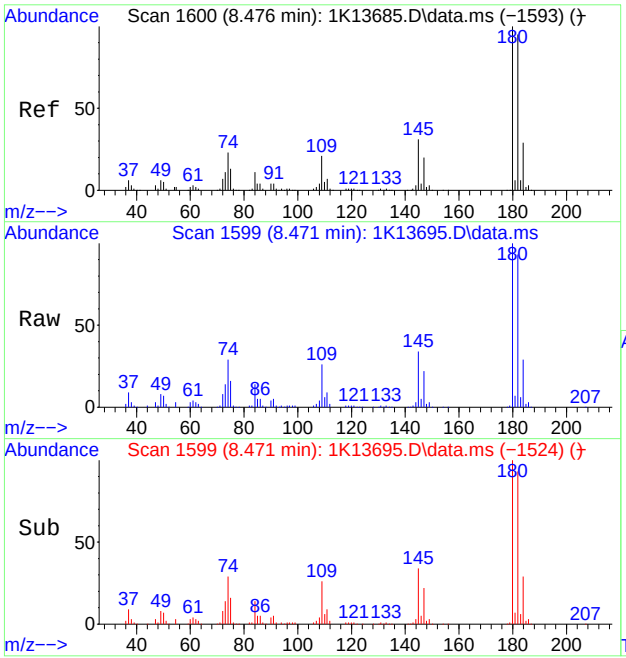


#119
naphthalene
Concen: 54.48 ug/L
RT: 8.350 min Scan# 1576
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:128 Resp: 994673

Ion	Ratio	Lower	Upper
128	100		
129	10.7	0.0	40.7
127	12.7	0.0	42.5

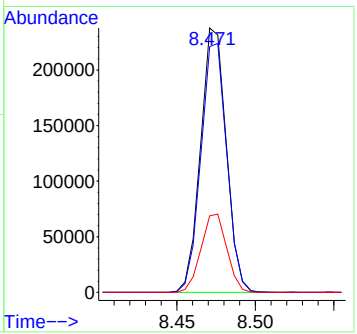


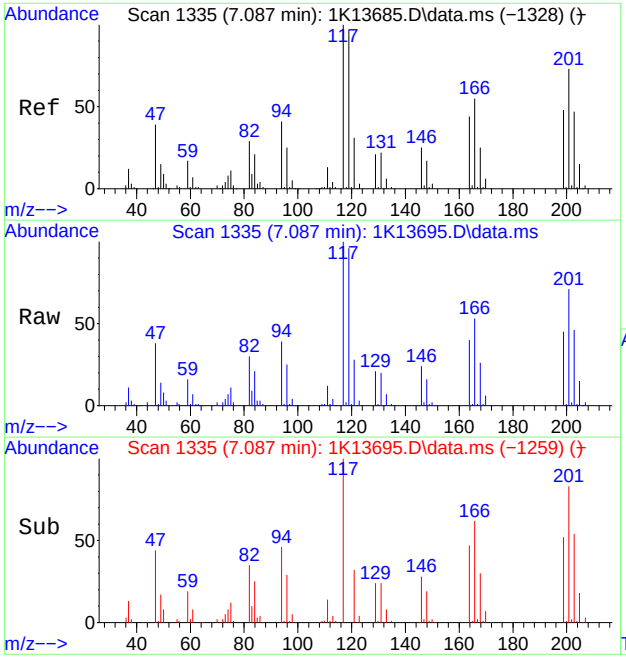


#120
1,2,3-trichlorobenzene
Concen: 55.59 ug/L
RT: 8.471 min Scan# 1599
Delta R.T. -0.005 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:180 Resp: 270997

Ion	Ratio	Lower	Upper
180	100		
182	93.0	64.7	124.7
184	28.9	0.0	59.2

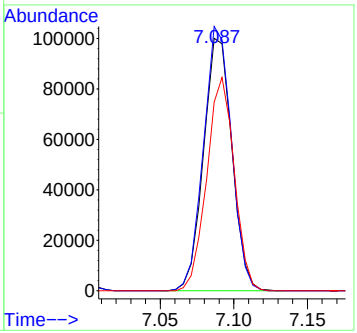


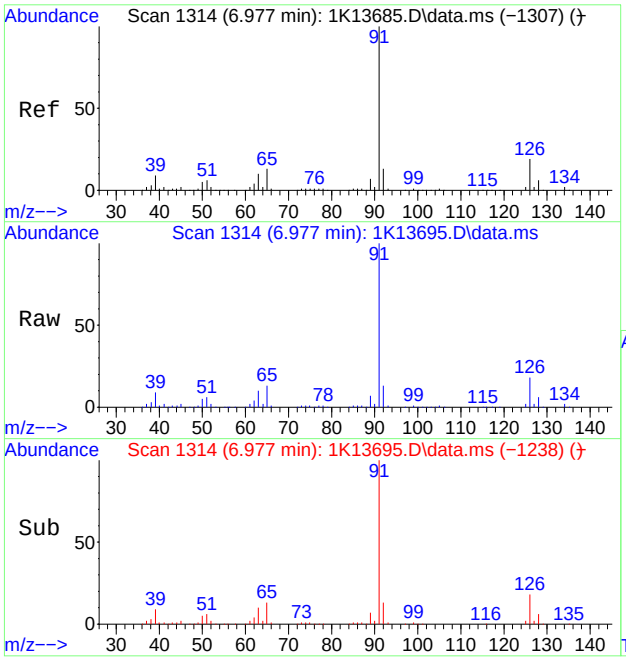


#121
hexachloroethane
Concen: 60.80 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:119 Resp: 133887

Ion	Ratio	Lower	Upper
119	100		
117	104.7	73.4	133.4
201	74.7	45.3	105.3

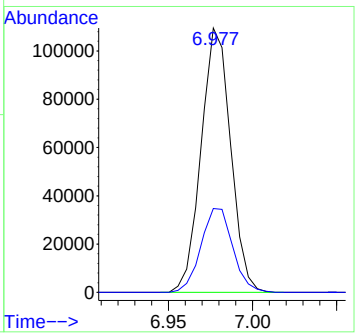


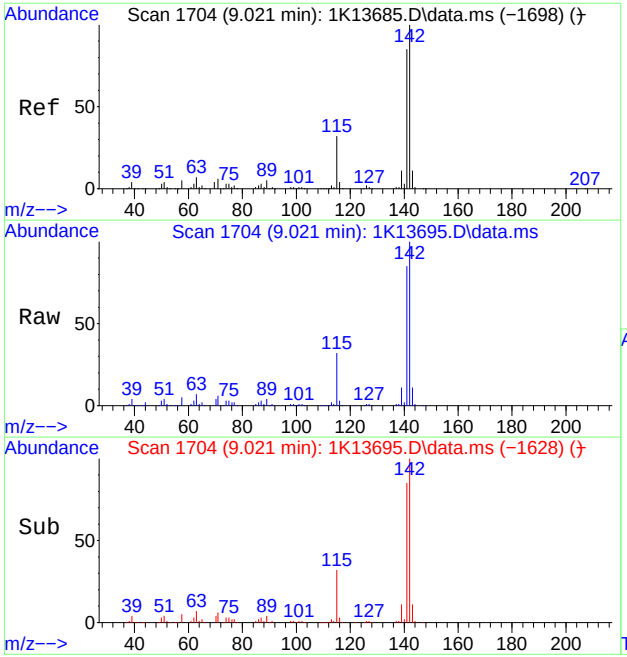


#122
benzyl chloride
Concen: 54.82 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:126 Resp: 134049

Ion	Ratio	Lower	Upper
126	100		
128	31.7	2.6	62.6

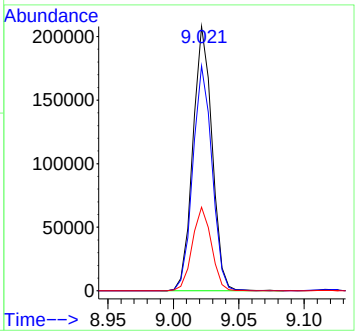




#123
2-methylnaphthalene
Concen: 28.34 ug/L
RT: 9.021 min Scan# 1704
Delta R.T. 0.000 min
Lab File: 1K13695.D
Acq: 2 Dec 2023 8:15 pm

Tgt Ion:142 Resp: 212142

Ion	Ratio	Lower	Upper
142	100		
141	85.1	55.2	115.2
115	31.6	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13697.D
Acq On : 2 Dec 2023 8:48 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 04 16:22:10 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

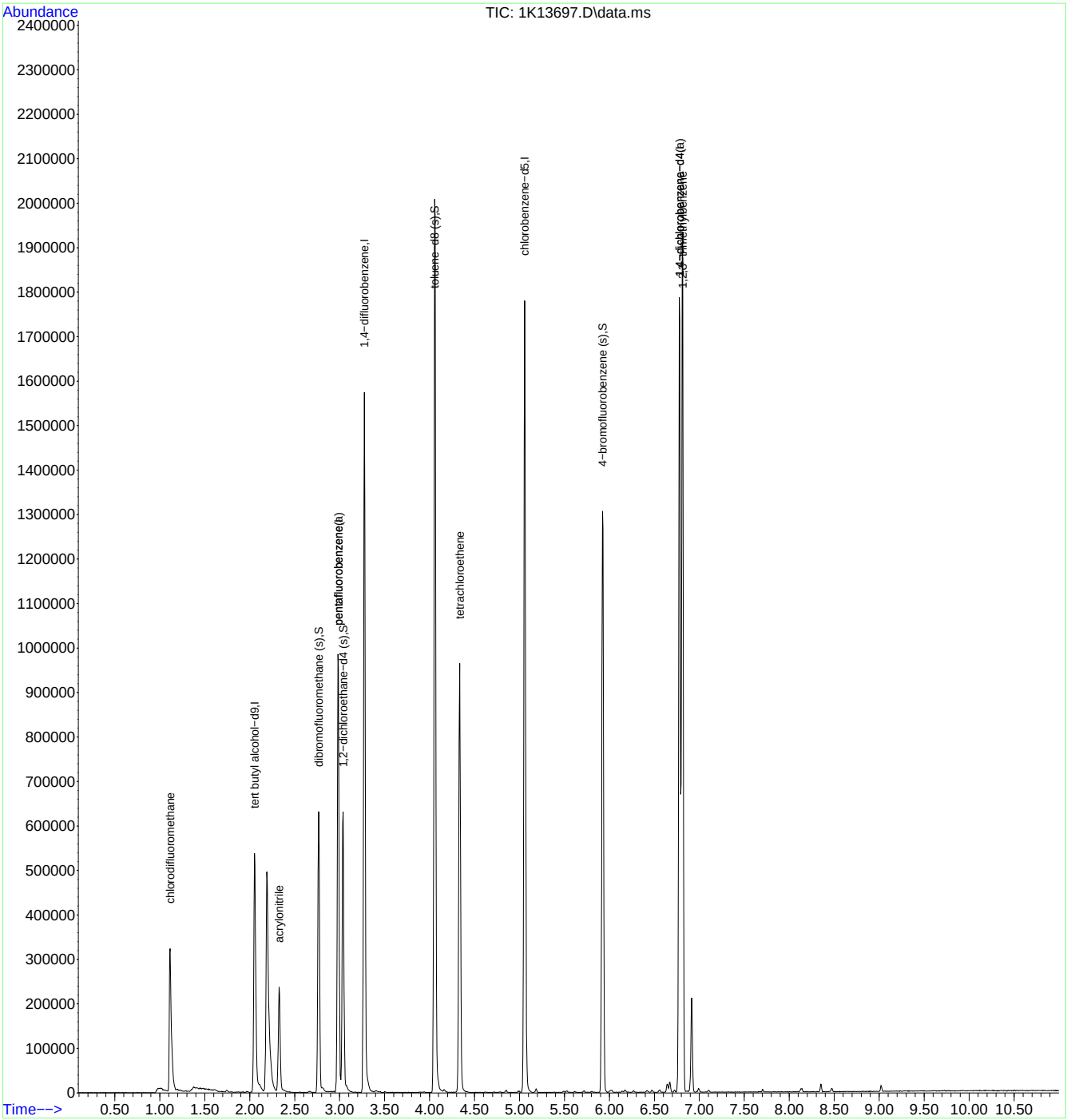
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.053	65	470996	500.00	ug/L	0.00
5) pentafluorobenzene	2.987	168	493450	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.275	114	885194	50.00	ug/L	0.00
72) chlorobenzene-d5	5.058	117	743505	50.00	ug/L	0.00
96) 1,4-dichlorobenzene-d4	6.783	152	366567	50.00	ug/L	0.00
124) pentafluorobenzene(a)	2.987	168	493450	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	366567	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.766	113	250465	50.19	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.38%			
51) 1,2-dichloroethane-d4 (s)	3.039	65	286785	50.20	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.40%			
73) toluene-d8 (s)	4.056	98	1016805	49.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.68%			
97) 4-bromofluorobenzene (s)	5.923	95	361205	49.95	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.90%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.115	51	378808	59.79	ug/L	97
32) acrylonitrile	2.326	52	119486	54.17	ug/L	99
78) tetrachloroethene	4.334	166	220624	51.02	ug/L	99
113) 1,2,3-trimethylbenzene	6.814	105	889481	53.53	ug/L	99

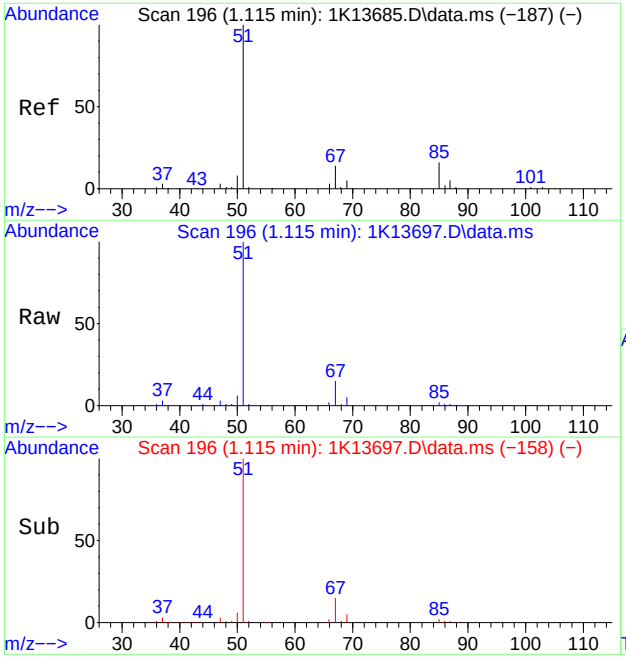
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VK376\
Data File : 1K13697.D
Acq On : 2 Dec 2023 8:48 pm
Operator : PrashanS
Sample : ICV376-50
Misc : MS75187,V1K376,5,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 04 16:22:10 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

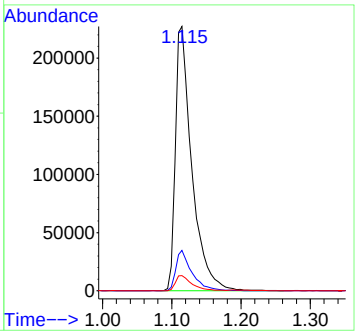


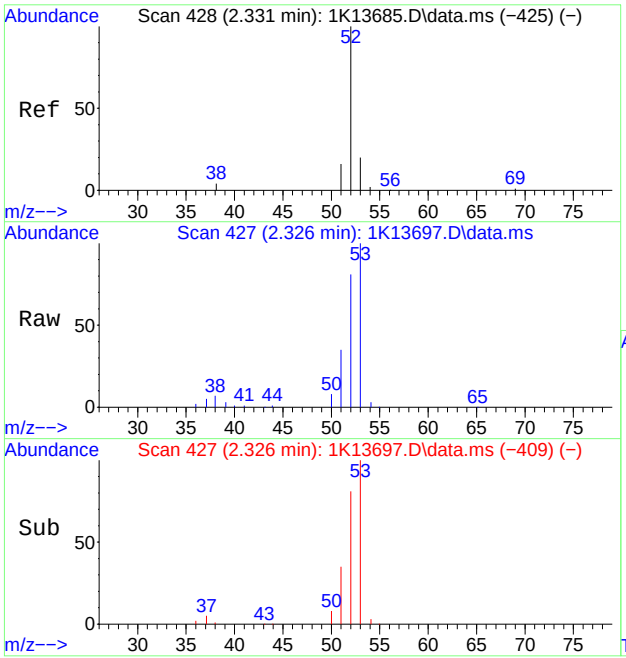


#6
chlorodifluoromethane
Concen: 59.79 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K13697.D
Acq: 2 Dec 2023 8:48 pm

Tgt Ion: 51 Resp: 378808

Ion	Ratio	Lower	Upper
51	100		
67	15.2	0.0	44.3
50	5.7	0.0	37.7

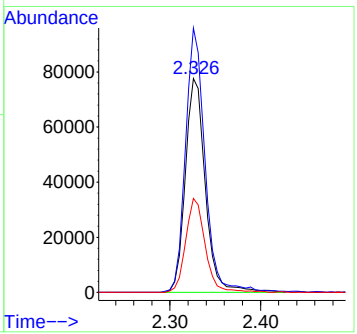


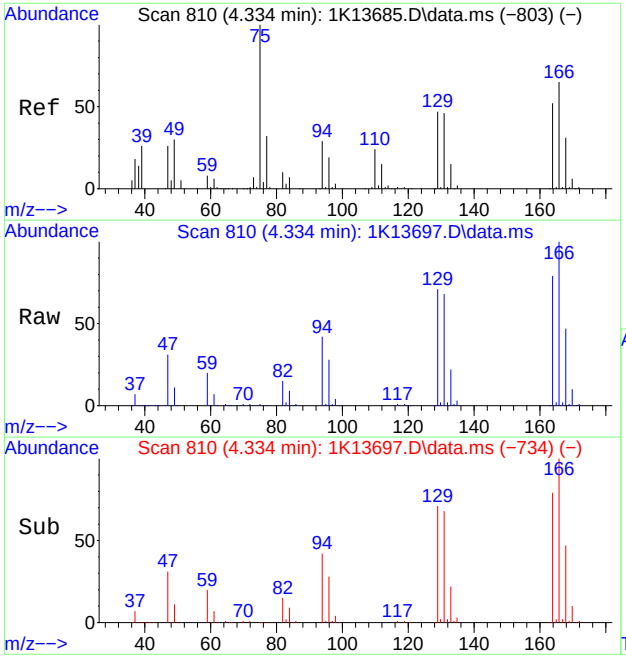


#32
acrylonitrile
Concen: 54.17 ug/L
RT: 2.326 min Scan# 427
Delta R.T. -0.005 min
Lab File: 1K13697.D
Acq: 2 Dec 2023 8:48 pm

Tgt Ion: 52 Resp: 119486

Ion	Ratio	Lower	Upper
52	100		
53	123.7	92.8	152.8
51	43.9	13.6	73.6

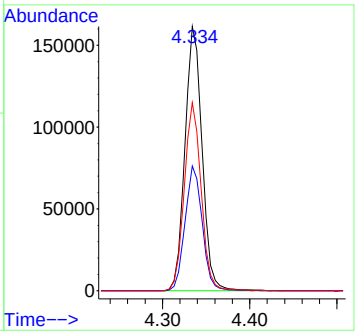


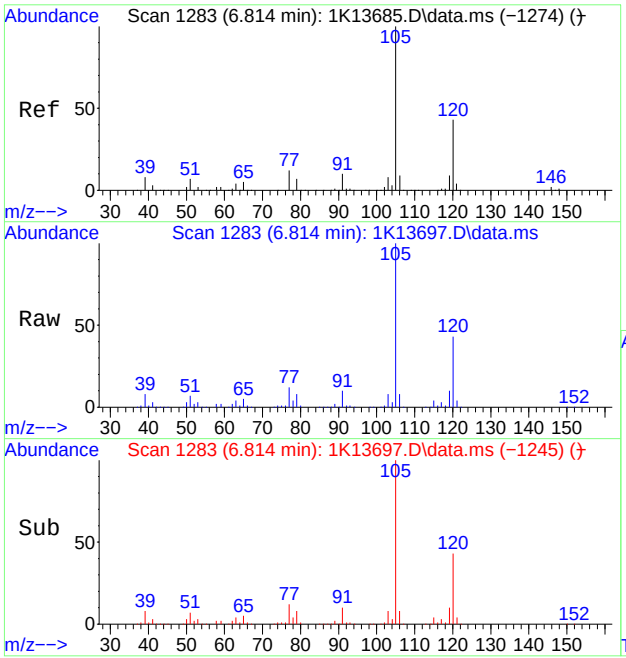


#78
tetrachloroethene
Concen: 51.02 ug/L
RT: 4.334 min Scan# 810
Delta R.T. 0.000 min
Lab File: 1K13697.D
Acq: 2 Dec 2023 8:48 pm

Tgt Ion:166 Resp: 220624

Ion	Ratio	Lower	Upper
166	100		
168	47.2	17.2	77.2
129	71.2	42.2	102.2

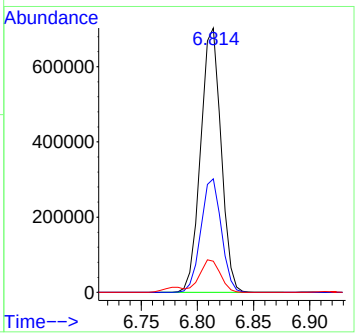




#113
1,2,3-trimethylbenzene
Concen: 53.53 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K13697.D
Acq: 2 Dec 2023 8:48 pm

Tgt Ion:105 Resp: 889481

Ion	Ratio	Lower	Upper
105	100		
120	42.9	13.3	73.3
77	11.8	0.0	42.2



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14348.d
Acq On : 20 Dec 2023 9:38 am
Operator : louied
Sample : cc376-20 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 01:26:33 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.053	65	494808	500.00	ug/L		0.00
5) pentafluorobenzene	2.987	168	567775	50.00	ug/L		0.00
50) 1,4-difluorobenzene	3.275	114	1105718	50.00	ug/L		0.00
72) chlorobenzene-d5	5.058	117	935915	50.00	ug/L		0.00
96) 1,4-dichlorobenzene-d4	6.783	152	449136	50.00	ug/L		0.00
124) pentafluorobenzene(a)	2.987	168	567775	50.00	ug/L		0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	449136	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	2.766	113	293896	51.18	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 102.36%				
51) 1,2-dichloroethane-d4 (s)	3.039	65	338937	47.50	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 95.00%				
73) toluene-d8 (s)	4.061	98	1246503	48.54	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.08%				
97) 4-bromofluorobenzene (s)	5.928	95	437974	49.43	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.86%				
Target Compounds							Qvalue
2) ethanol	1.671	45	232714	2015.7334	ug/L		98
3) tertiary butyl alcohol	2.090	59	118361	91.9099	ug/L		93
4) 1,4-dioxane	3.689	88	55246	552.6716	ug/L		90
6) chlorodifluoromethane	1.115	51	116914	16.0382	ug/L		95
7) dichlorodifluoromethane	1.089	85	100613	22.1959	ug/L		95
8) chloromethane	1.199	50	78000	15.6561	ug/L		96
9) vinyl chloride	1.225	62	110848	19.3279	ug/L		96
10) 1,3-butadiene	1.225	39	130617	22.0204	ug/L		100
11) bromomethane	1.372	96	42644	41.5044	ug/L	#	93
12) chloroethane	1.429	64	97268	30.6898	ug/L		99
13) trichlorofluoromethane	1.487	101	161436	25.4861	ug/L		99
14) ethyl ether	1.613	74	61823	22.9071	ug/L		89
15) acrolein	1.854	56	26605	19.7827	ug/L		93
16) freon 113	1.723	151	64373	18.4954	ug/L		94
17) 1,1-dichloroethene	1.713	61	120865	17.3733	ug/L		98
18) acetone	1.980	58	65742	58.8224	ug/L		98
19) acetonitrile	2.190	41	201344	217.1577	ug/L		99
20) iodomethane	1.791	142	35432	12.2929	ug/L		99
21) carbon disulfide	1.749	76	216094	16.4433	ug/L		99
22) methylene chloride	1.969	84	86516	17.2486	ug/L		95
23) methyl acetate	2.022	74	24259	19.0375	ug/L	#	84
24) methyl tert butyl ether	2.069	73	266222	18.0760	ug/L		91
25) trans-1,2-dichloroethene	2.038	96	80125	17.0832	ug/L		98
26) hexane	2.064	57	216914	17.3687	ug/L		93
27) di-isopropyl ether	2.232	45	303929	19.0806	ug/L		98
28) ethyl tert-butyl ether	2.394	59	296994	17.8377	ug/L		98
29) 2-butanone	2.819	72	86772	70.9966	ug/L	#	87
30) 1,1-dichloroethane	2.310	63	161609	17.4019	ug/L		97
31) chloroprene	2.300	53	141169	16.0099	ug/L		96
32) acrylonitrile	2.326	52	48505	19.1099	ug/L		95
33) vinyl acetate	2.405	86	24393	21.1957	ug/L	#	64
34) ethyl acetate	2.714	70	12749	16.1355	ug/L		99
35) 2,2-dichloropropane	2.614	77	121069	16.1798	ug/L		99
36) cis-1,2-dichloroethene	2.557	96	90694	17.2368	ug/L		98
37) propionitrile	2.971	54	270930	176.5675	ug/L		97
38) methyl acrylate	2.730	85	24458	18.3238	ug/L	#	87
39) bromochloromethane	2.656	128	46261	19.9189	ug/L		92
40) tetrahydrofuran	2.761	71	20203	18.2057	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14348.d
Acq On : 20 Dec 2023 9:38 am
Operator : louied
Sample : cc376-20 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 01:26:33 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) chloroform	2.677	47	49269	16.4500	ug/L		93
43) methacrylonitrile	2.981	67	55653	17.3922	ug/L		99
44) 1,1,1-trichloroethane	2.793	97	133164	17.4392	ug/L		99
45) cyclohexane	2.667	84	142157	16.8841	ug/L		97
46) 1,1-dichloropropene	2.850	75	118813	17.2167	ug/L		96
47) carbon tetrachloride	2.761	117	107204	16.0725	ug/L		98
48) isobutyl alcohol	3.013	43	160984	155.1312	ug/L		93
49) tert-amyl alcohol	3.086	55	56407	106.2067	ug/L	#	63
52) iso-octane	2.897	57	266444	15.7249	ug/L		93
53) benzene	2.976	78	368550	16.9110	ug/L		99
54) tert-amyl methyl ether	3.013	73	275846	16.5808	ug/L		96
55) heptane	2.934	57	51805	16.7014	ug/L		97
56) isopropyl acetate	3.165	87	28799	18.0839	ug/L	#	88
57) 1,2-dichloroethane	3.070	62	135703	17.3696	ug/L		98
58) n-butyl alcohol	3.401	56	307402	728.5910	ug/L		99
59) ethyl acrylate	3.532	55	168029	17.1159	ug/L		99
60) trichloroethene	3.270	130	100548	18.2819	ug/L		96
61) 2-nitropropane	4.224	41	26754	9.7120	ug/L		89
62) 2-chloroethyl vinyl ether	3.894	63	253275	84.5077	ug/L		97
63) methyl methacrylate	3.652	100	33827	19.0987	ug/L		89
64) 1,2-dichloropropane	3.553	63	97809	17.4323	ug/L		98
65) methylcyclohexane	3.275	98	71992	16.9287	ug/L	#	90
66) dibromomethane	3.500	93	58488	18.2524	ug/L		99
67) bromodichloromethane	3.579	83	112110	16.4923	ug/L		98
68) epichlorohydrin	4.088	57	88300	77.6244	ug/L		97
69) cis-1,3-dichloropropene	3.941	75	141921	16.4854	ug/L		97
70) 4-methyl-2-pentanone	4.308	58	231555	72.4713	ug/L		94
71) 3-methyl-1-butanol	4.161	70	93580	275.2425	ug/L		99
74) toluene	4.093	92	226132	16.7904	ug/L		96
75) ethyl methacrylate	4.423	69	130712	17.1669	ug/L		96
76) trans-1,3-dichloropropene	4.339	75	132862	16.1948	ug/L		99
77) 1,1,2-trichloroethane	4.444	83	70671	17.9056	ug/L		97
78) tetrachloroethene	4.334	166	94523	17.3658	ug/L		95
79) 2-hexanone	4.848	58	252797	68.9409	ug/L		99
80) 1,3-dichloropropane	4.622	76	152053	17.5247	ug/L		97
81) butyl acetate	4.785	56	84692	17.0980	ug/L		90
82) dibromochloromethane	4.559	129	88147	18.3114	ug/L		100
83) 1,2-dibromoethane	4.722	107	93256	18.6531	ug/L		97
84) n-butyl ether	4.989	57	414205	15.9352	ug/L		99
85) chlorobenzene	5.073	112	258279	18.0892	ug/L		96
86) 1,1,1,2-tetrachloroethane	5.110	131	84536	17.9394	ug/L		98
87) ethylbenzene	5.084	91	435919	16.2369	ug/L		96
88) m,p-xylene	5.183	106	348837	34.8476	ug/L		97
89) o-xylene	5.488	106	169707	17.8340	ug/L		99
90) styrene	5.529	104	281963	17.9917	ug/L		98
91) bromoform	5.545	173	52030	15.3505	ug/L		94
92) butyl acrylate	5.613	55	203452	15.5025	ug/L		97
93) isopropylbenzene	5.718	105	404838	17.8165	ug/L		99
94) n-amyl acetate	5.807	70	80558	17.0681	ug/L		90
95) cis-1,4-dichloro-2-butene	5.970	88	17890	6.3430	ug/L	#	83
98) bromobenzene	6.007	156	104522	18.0319	ug/L		95
99) 1,1,2,2-tetrachloroethane	6.075	83	124487	18.7879	ug/L		99
100) trans-1,4-dichloro-2-b...	6.206	53	20971	7.7585	ug/L		80
101) 1,2,3-trichloropropane	6.174	110	44855	20.2909	ug/L		96
102) n-propylbenzene	6.028	91	481561	17.2648	ug/L		95
103) 2-chlorotoluene	6.143	126	105167	19.3770	ug/L		90
104) 4-chlorotoluene	6.269	91	301562	17.0677	ug/L		96
105) 1,3,5-trimethylbenzene	6.174	105	348828	18.2755	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14348.d
Acq On : 20 Dec 2023 9:38 am
Operator : louied
Sample : cc376-20 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 01:26:33 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

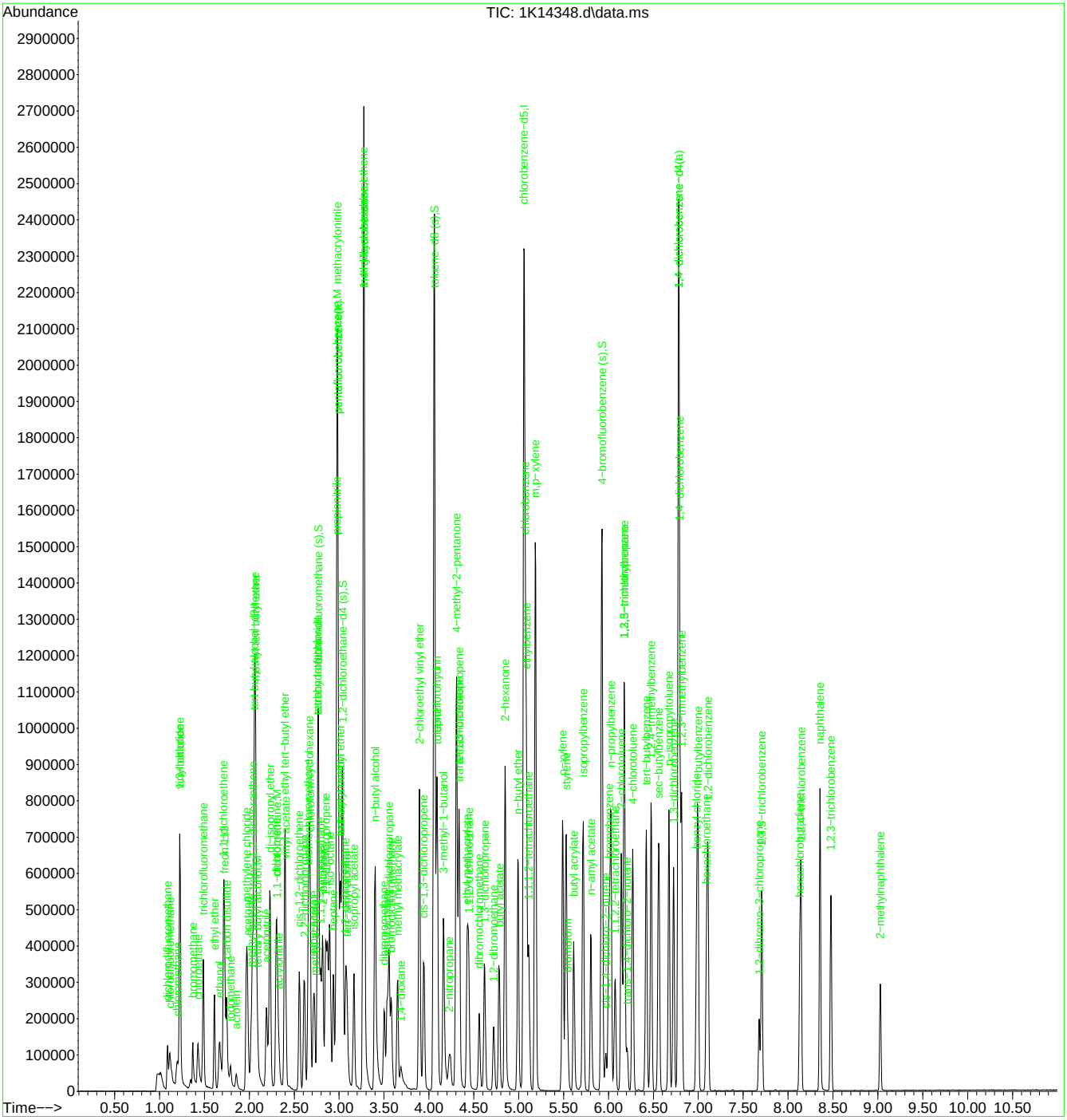
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) tert-butylbenzene	6.421	119	297791	18.6084	ug/L	94
107) 1,2,4-trimethylbenzene	6.473	105	362342	18.2654	ug/L	96
108) sec-butylbenzene	6.557	105	404210	17.8871	ug/L	99
109) 1,3-dichlorobenzene	6.725	146	202796	18.0349	ug/L	99
110) p-isopropyltoluene	6.672	119	360729	18.8500	ug/L	98
111) 1,4-dichlorobenzene	6.793	146	203687	17.9351	ug/L	97
112) 1,2-dichlorobenzene	7.108	146	196047	18.3955	ug/L	98
113) 1,2,3-trimethylbenzene	6.814	105	365443	17.9484	ug/L	98
114) n-butylbenzene	6.998	92	180167	17.6609	ug/L	88
115) 1,2-dibromo-3-chloropr...	7.679	157	36537	16.6426	ug/L	92
116) 1,3,5-trichlorobenzene	7.705	180	125169	17.7593	ug/L	99
117) 1,2,4-trichlorobenzene	8.146	180	115772	18.1642	ug/L	94
118) hexachlorobutadiene	8.130	225	35678	16.0266	ug/L	96
119) naphthalene	8.355	128	427874	19.2022	ug/L	98
120) 1,2,3-trichlorobenzene	8.476	180	110884	18.6390	ug/L	99
121) hexachloroethane	7.092	119	37275	13.8716	ug/L	97
122) benzyl chloride	6.982	126	45232	15.1573	ug/L	97
123) 2-methylnaphthalene	9.027	142	90530	9.9111	ug/L	99

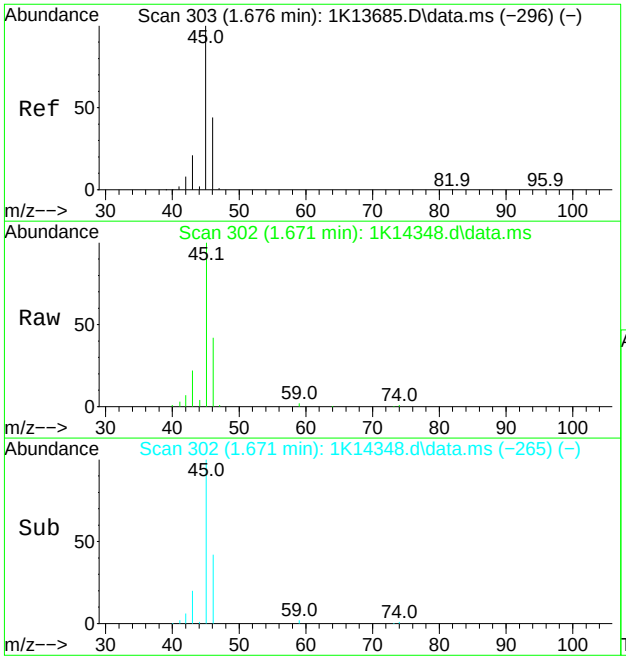
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14348.d
Acq On : 20 Dec 2023 9:38 am
Operator : louied
Sample : cc376-20 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 21 01:26:33 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

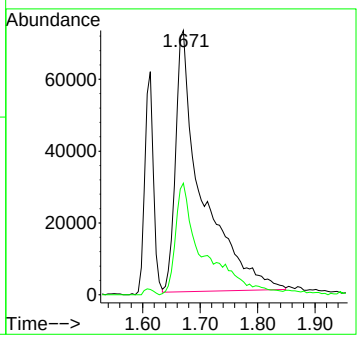


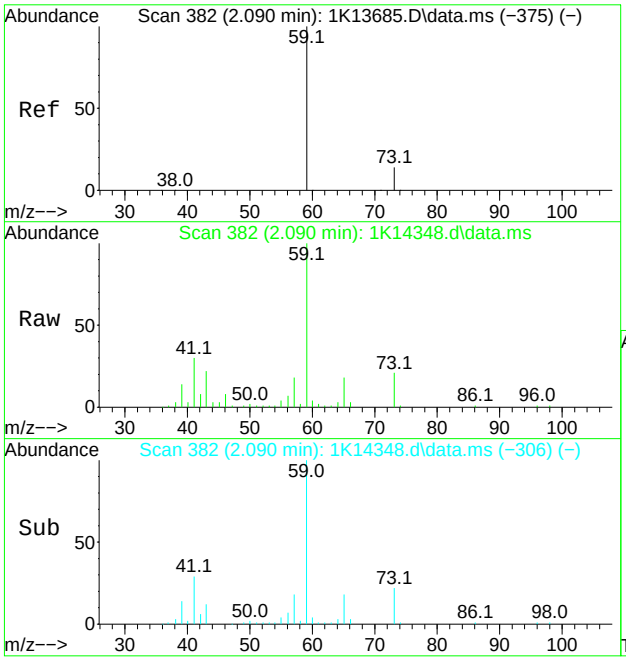


#2
ethanol
Concen: 2015.7334 ug/L
RT: 1.671 min Scan# 302
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 45 Resp: 232714

Ion	Ratio	Lower	Upper
45	100		
46	42.7	23.9	63.9

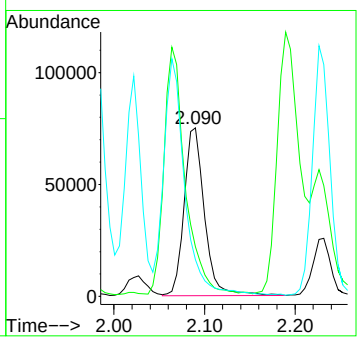


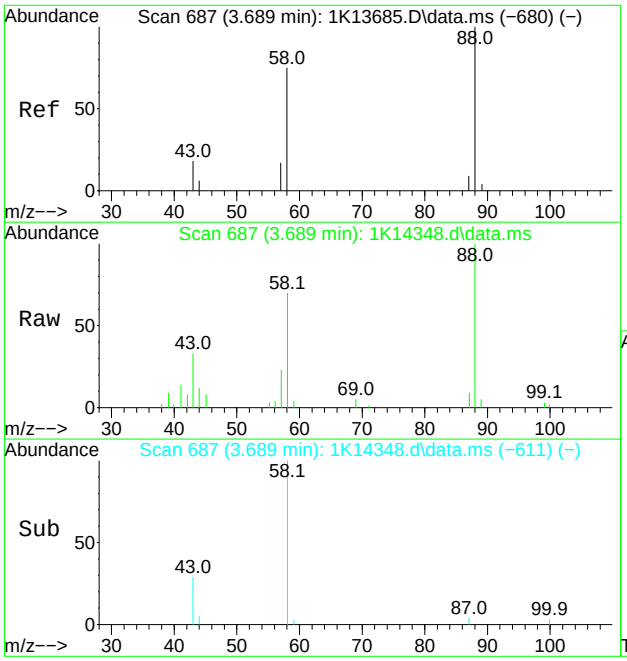


#3
tertiary butyl alcohol
Concen: 91.9099 ug/L
RT: 2.090 min Scan# 382
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 59 Resp: 118361

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	30.0
43	21.2	0.0	54.8

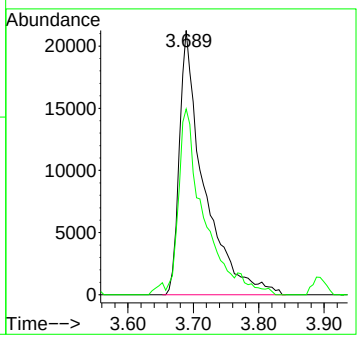


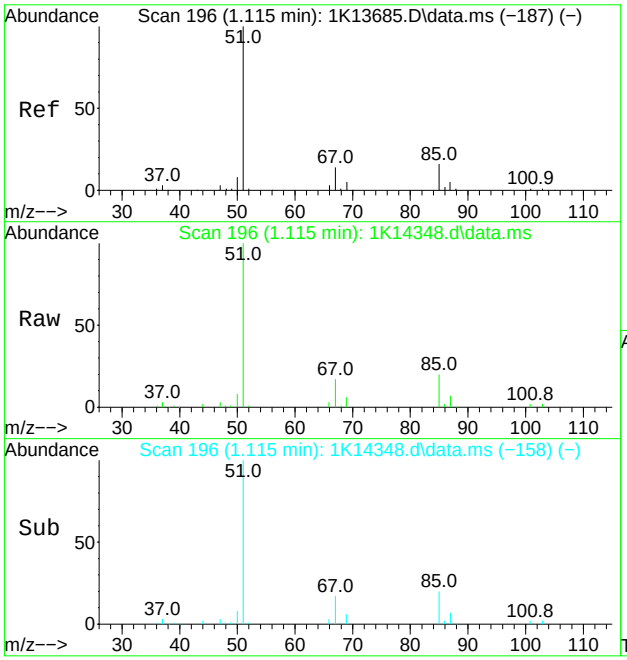


#4
1,4-dioxane
Concen: 552.6716 ug/L
RT: 3.689 min Scan# 687
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 88 Resp: 55246

Ion	Ratio	Lower	Upper
88	100		
58	70.3	59.5	99.5

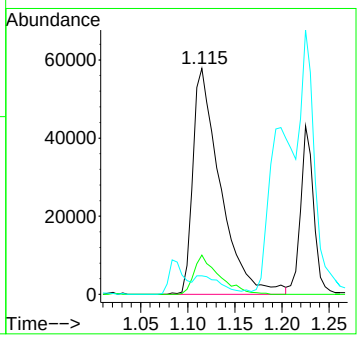


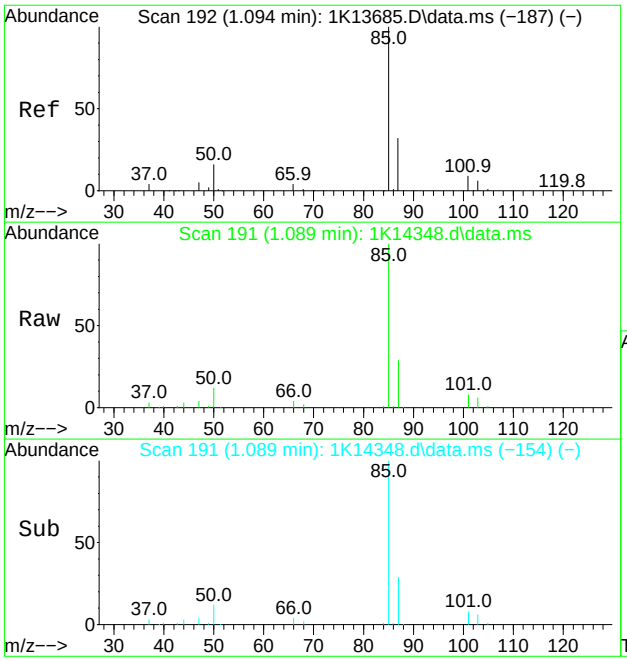


#6
chlorodifluoromethane
Concen: 16.0382 ug/L
RT: 1.115 min Scan# 196
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 51 Resp: 116914

Ion	Ratio	Lower	Upper
51	100		
67	17.4	0.0	44.3
50	7.8	0.0	37.7

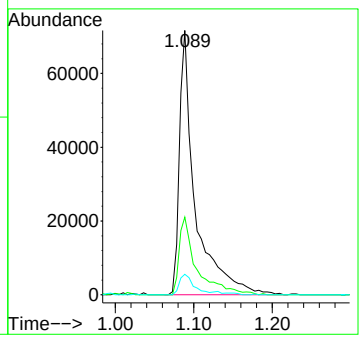


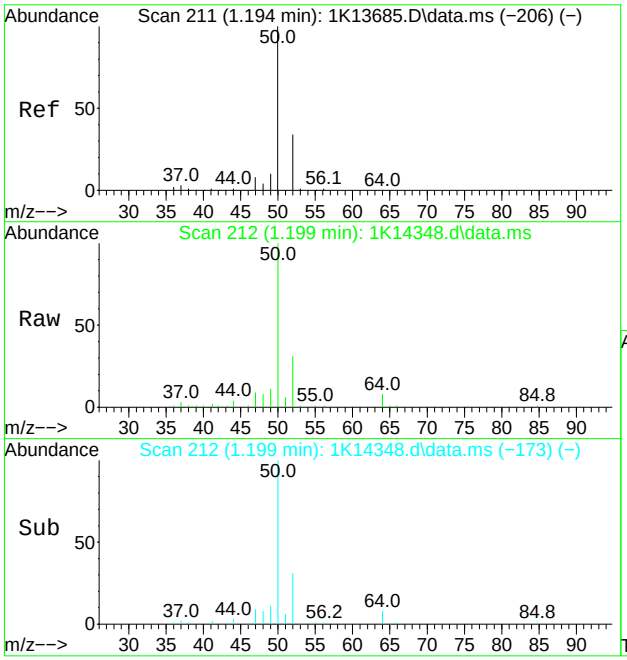


#7
dichlorodifluoromethane
Concen: 22.1959 ug/L
RT: 1.089 min Scan# 191
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 85 Resp: 100613

Ion	Ratio	Lower	Upper
85	100		
87	29.4	2.2	62.2
101	7.8	0.0	39.0

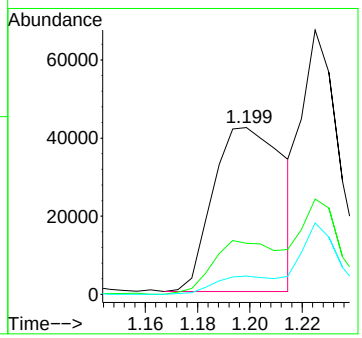


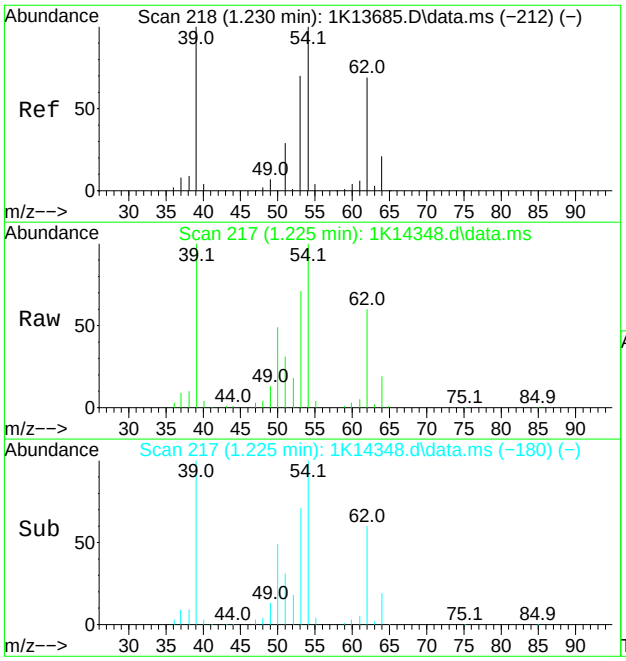


#8
chloromethane
Concen: 15.6561 ug/L
RT: 1.199 min Scan# 212
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 50 Resp: 78000

Ion	Ratio	Lower	Upper
50	100		
52	31.2	3.6	63.6
49	11.2	0.0	40.4

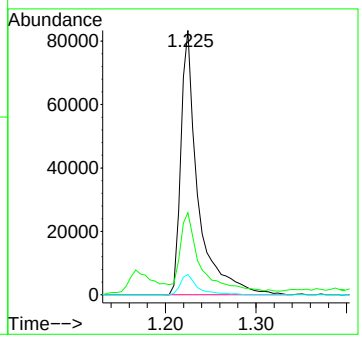


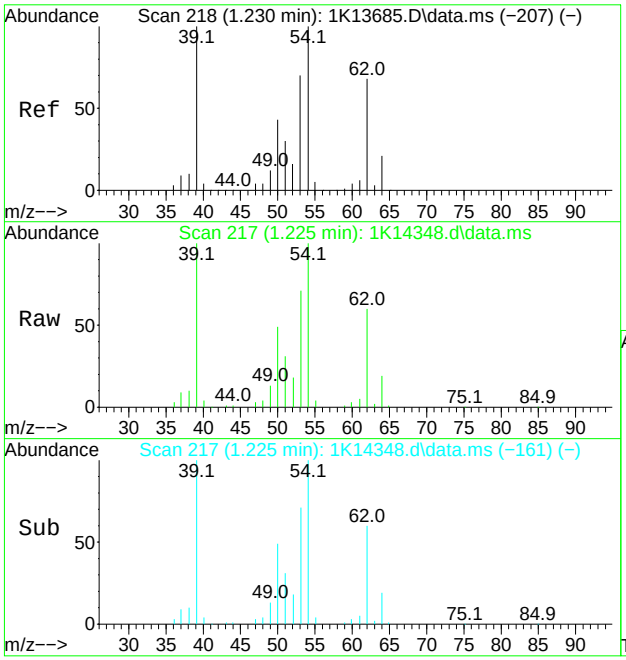


#9
vinyl chloride
Concen: 19.3279 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 62 Resp: 110848

Ion	Ratio	Lower	Upper
62	100		
64	29.2	1.3	61.3
61	7.6	0.0	39.1

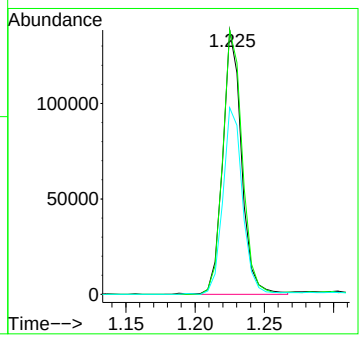


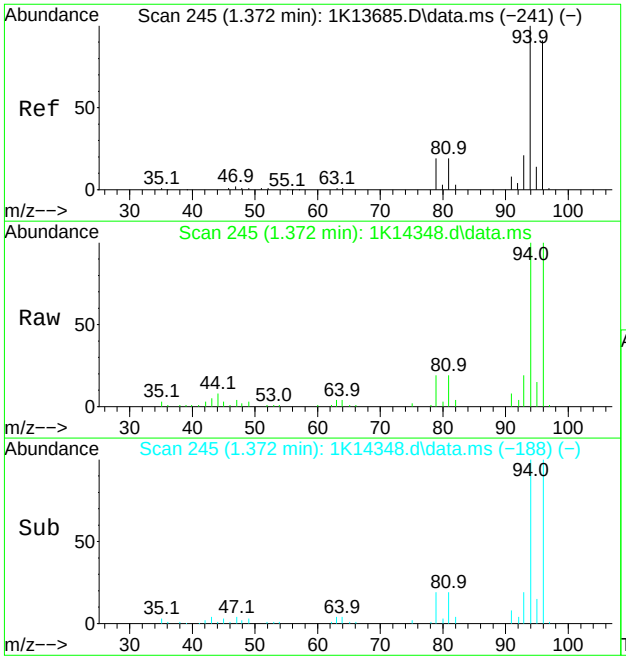


#10
1,3-butadiene
Concen: 22.0204 ug/L
RT: 1.225 min Scan# 217
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 39 Resp: 130617

Ion	Ratio	Lower	Upper
39	100		
54	100.1	69.8	129.8
53	70.6	40.1	100.1

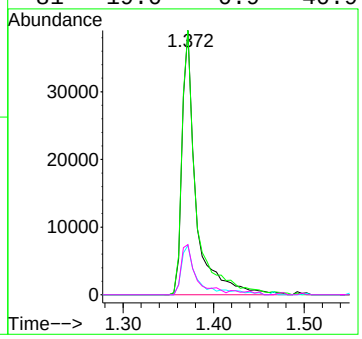


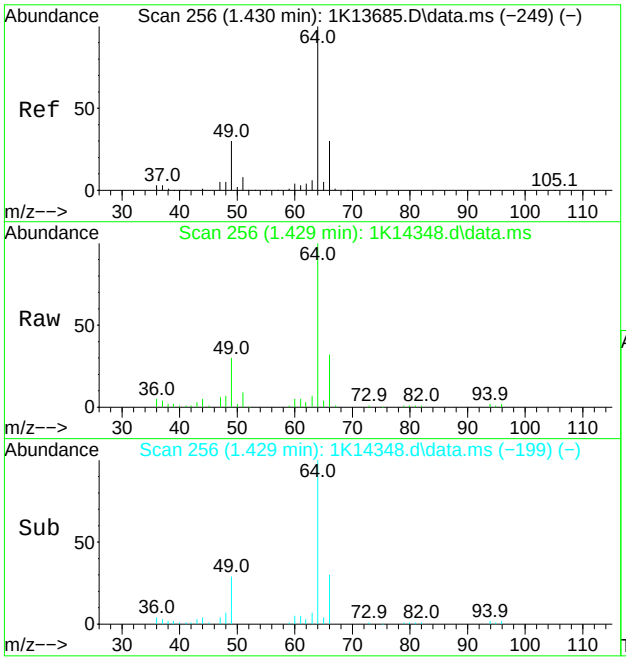


#11
bromomethane
Concen: 41.5044 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 96 Resp: 42644

Ion	Ratio	Lower	Upper
96	100		
94	100.1	79.4	139.4
79	18.7	20.3	20.3#
81	19.0	0.9	40.9

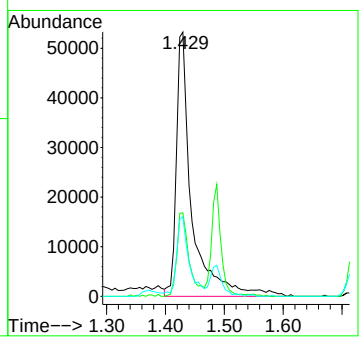


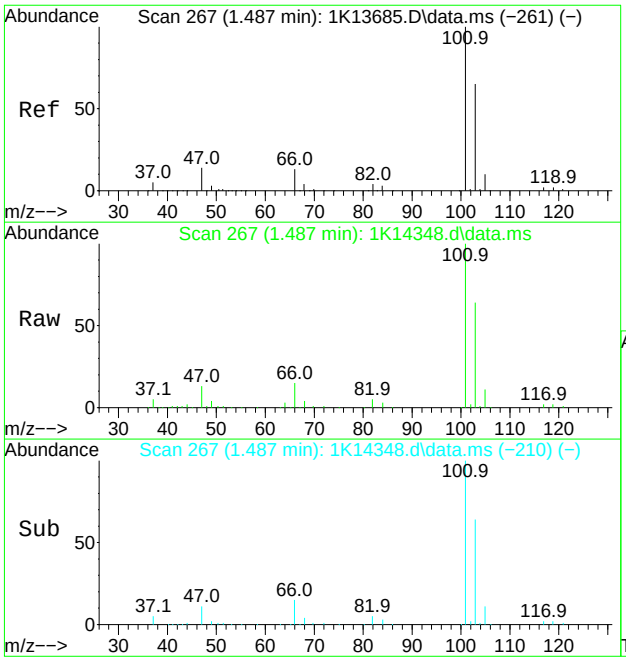


#12
chloroethane
Concen: 30.6898 ug/L
RT: 1.429 min Scan# 256
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 64 Resp: 97268

Ion	Ratio	Lower	Upper
64	100		
66	31.6	0.2	60.2
49	30.1	0.3	60.3

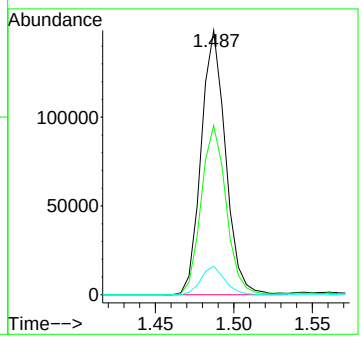


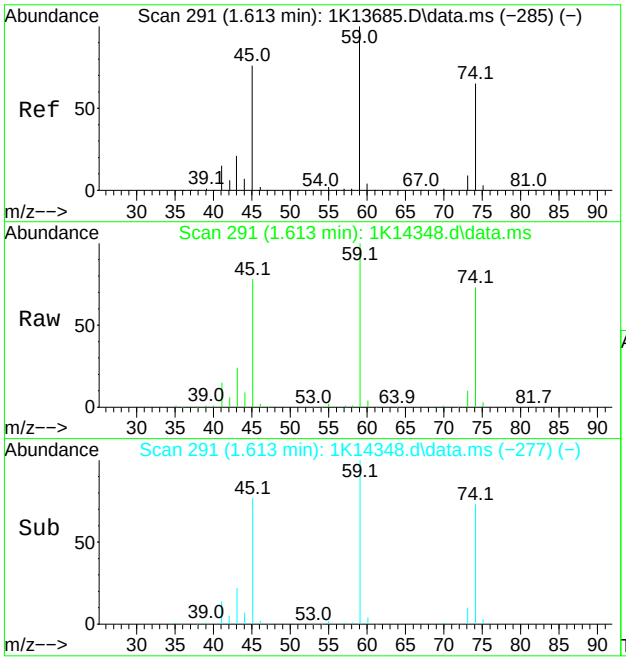


#13
trichlorofluoromethane
Concen: 25.4861 ug/L
RT: 1.487 min Scan# 267
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:101 Resp: 161436

Ion	Ratio	Lower	Upper
101	100		
103	64.0	35.0	95.0
105	10.8	0.0	40.5

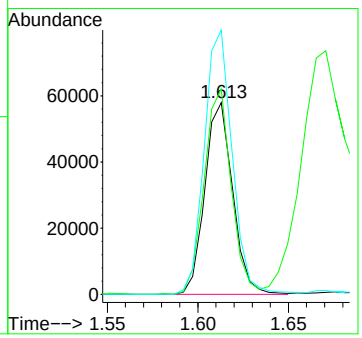


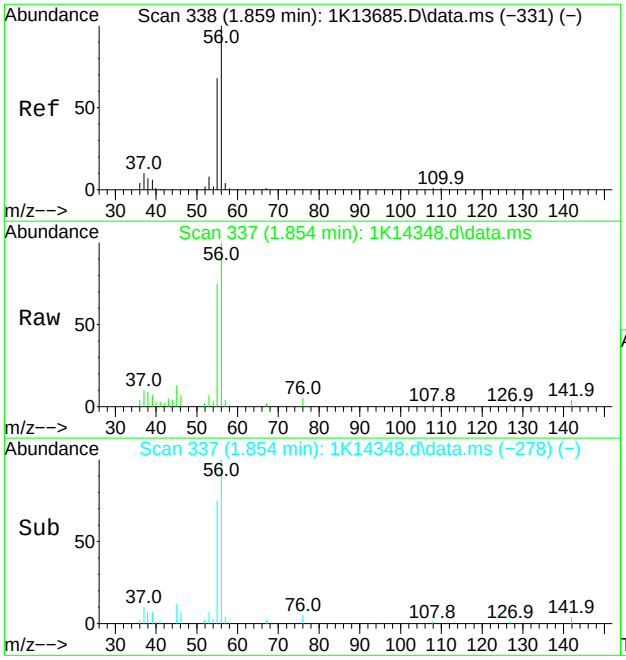


#14
ethyl ether
Concen: 22.9071 ug/L
RT: 1.613 min Scan# 291
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 74 Resp: 61823

Ion	Ratio	Lower	Upper
74	100		
45	106.6	87.4	147.4
59	137.8	124.0	184.0

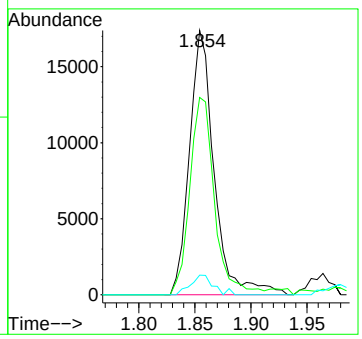


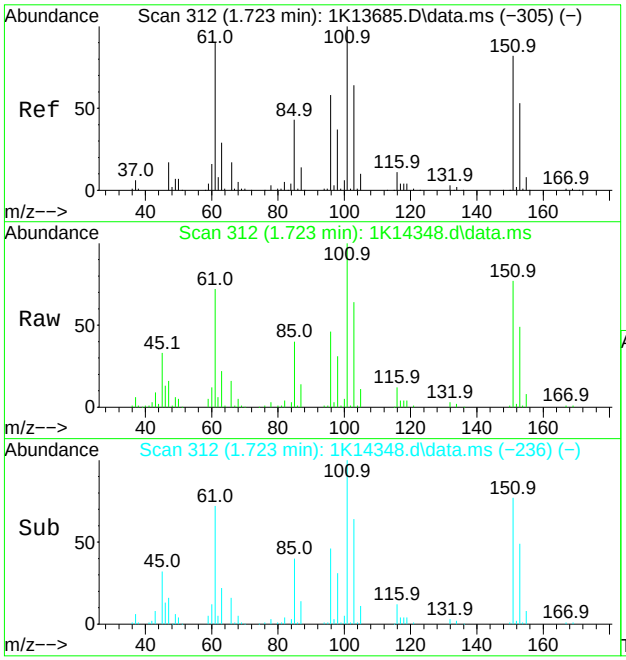


#15
acrolein
Concen: 19.7827 ug/L
RT: 1.854 min Scan# 337
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 56 Resp: 26605

Ion	Ratio	Lower	Upper
56	100		
55	74.6	38.3	98.3
53	7.4	0.0	38.3

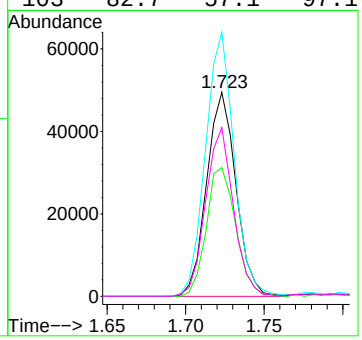


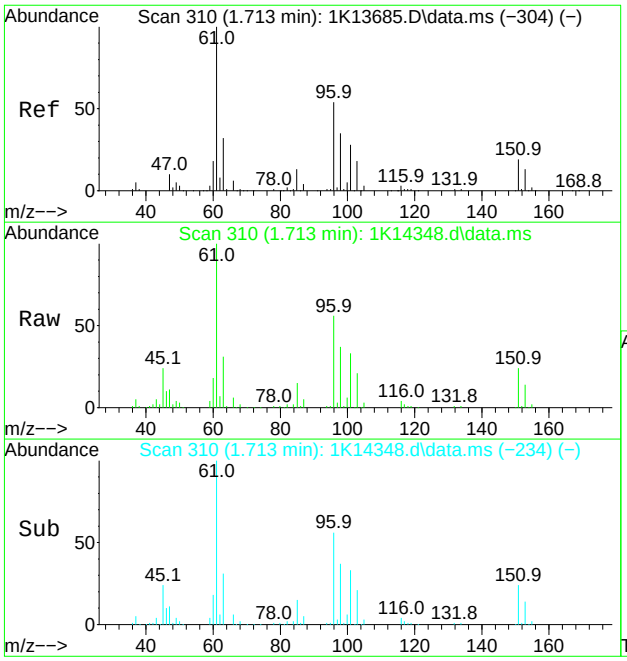


#16
freon 113
Concen: 18.4954 ug/L
RT: 1.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:151 Resp: 64373

Ion	Ratio	Lower	Upper
151	100		
153	63.1	44.1	84.1
101	129.6	101.5	141.5
103	82.7	57.1	97.1

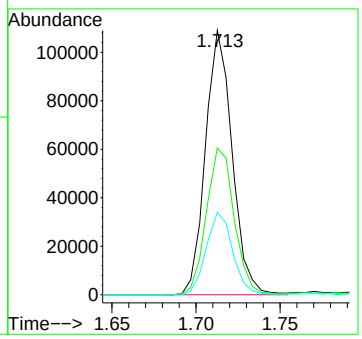


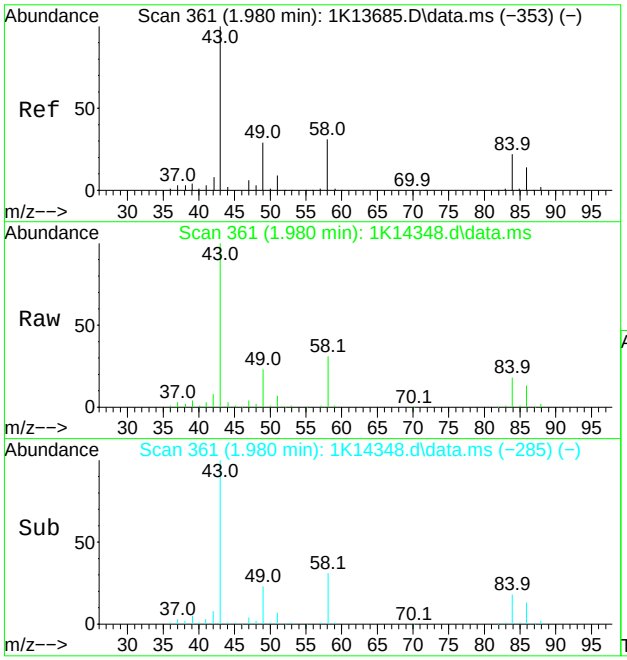


#17
1,1-dichloroethene
Concen: 17.3733 ug/L
RT: 1.713 min Scan# 310
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 61 Resp: 120865

Ion	Ratio	Lower	Upper
61	100		
96	55.6	24.4	84.4
63	31.2	2.1	62.1

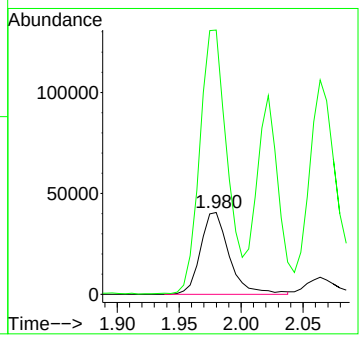


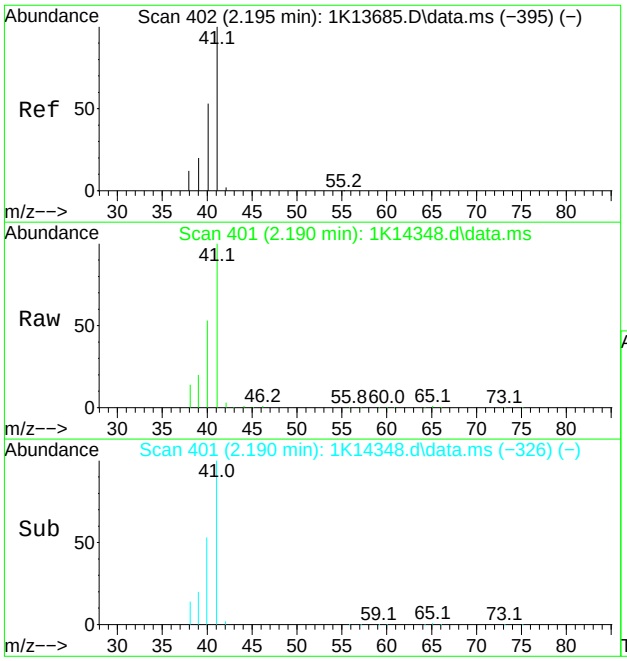


#18
acetone
Concen: 58.8224 ug/L
RT: 1.980 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 58 Resp: 65742

Ion	Ratio	Lower	Upper
58	100		
43	321.1	295.2	355.2

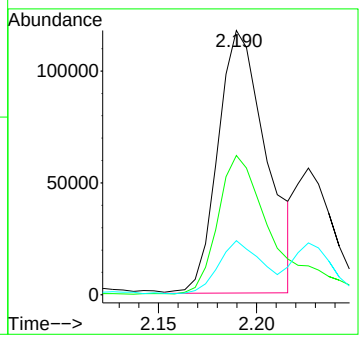


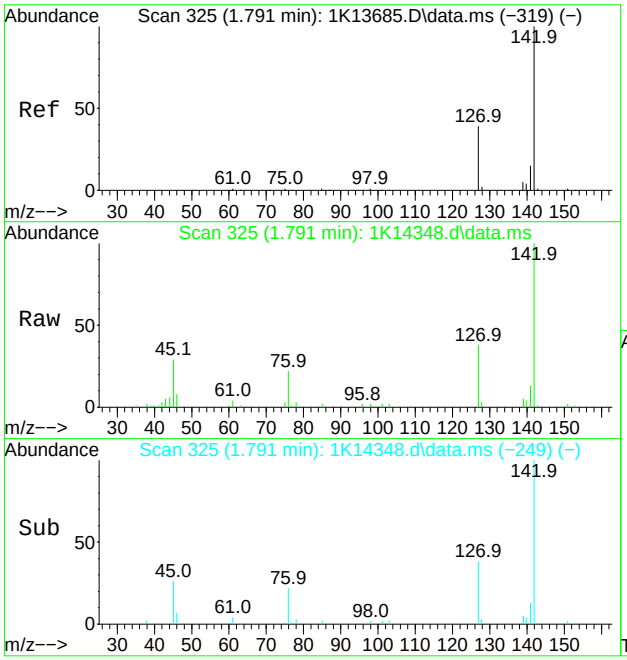


#19
acetonitrile
Concen: 217.1577 ug/L
RT: 2.190 min Scan# 401
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 41 Resp: 201344

Ion	Ratio	Lower	Upper
41	100		
40	52.7	23.4	83.4
39	20.1	0.0	50.4

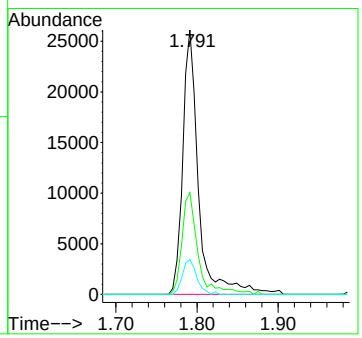


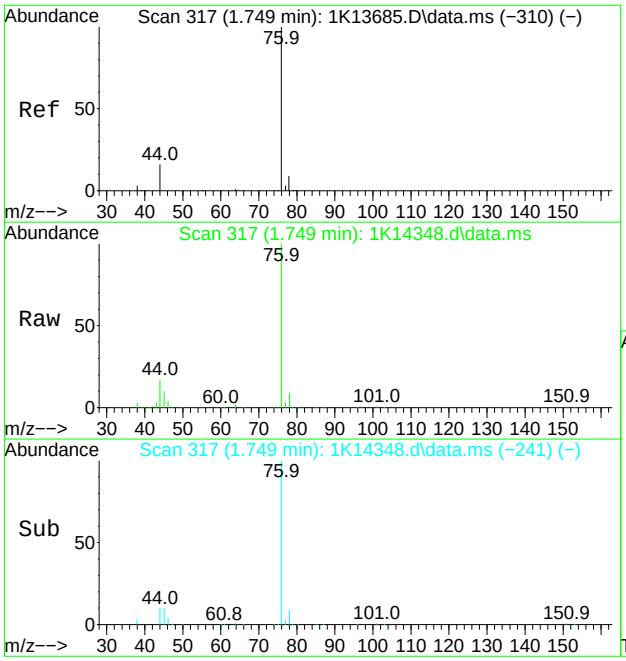


#20
iodomethane
Concen: 12.2929 ug/L
RT: 1.791 min Scan# 325
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:142 Resp: 35432

Ion	Ratio	Lower	Upper
142	100		
127	38.5	8.7	68.7
141	13.2	0.0	44.9

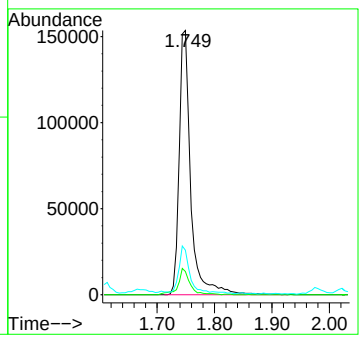


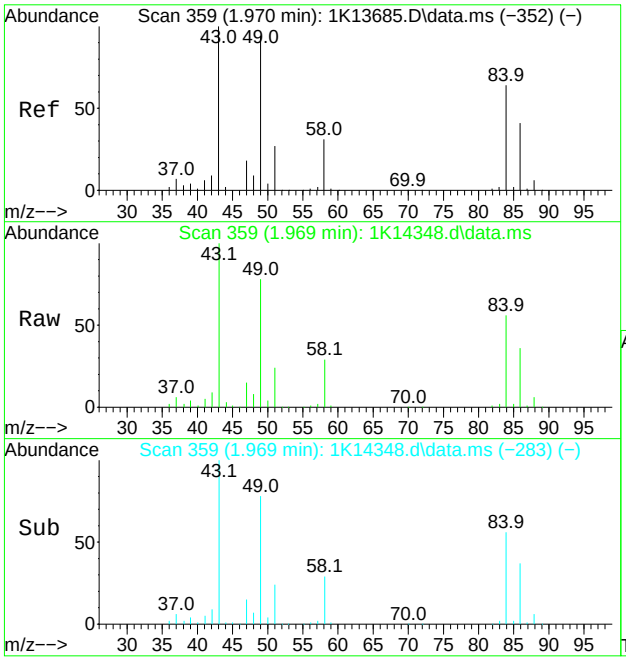


#21
carbon disulfide
Concen: 16.4433 ug/L
RT: 1.749 min Scan# 317
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 76 Resp: 216094

Ion	Ratio	Lower	Upper
76	100		
78	8.8	0.0	39.2
44	16.5	0.0	46.4

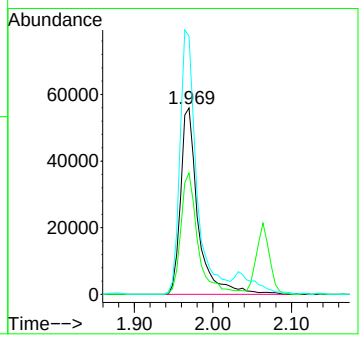


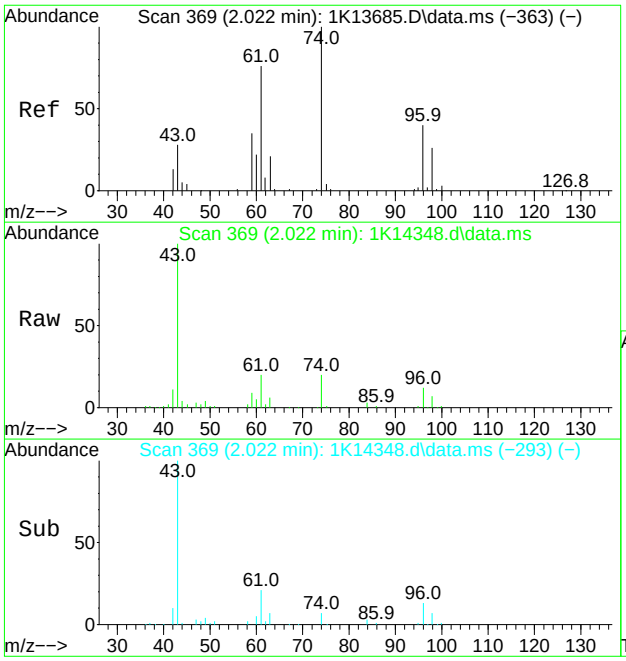


#22
methylene chloride
Concen: 17.2486 ug/L
RT: 1.969 min Scan# 359
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 84 Resp: 86516

Ion	Ratio	Lower	Upper
84	100		
86	65.2	33.4	93.4
49	138.5	117.1	177.1

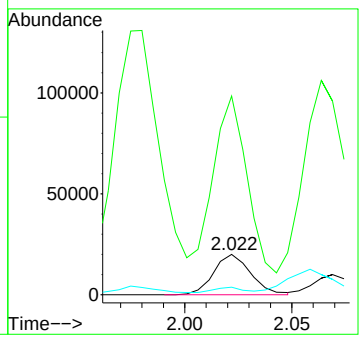


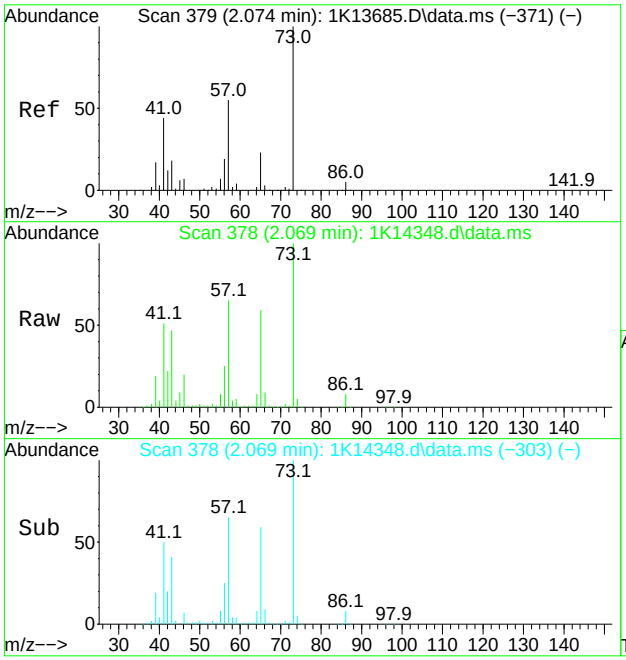


#23
methyl acetate
Concen: 19.0375 ug/L
RT: 2.022 min Scan# 369
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 74 Resp: 24259

Ion	Ratio	Lower	Upper
74	100		
43	387.1	397.4	457.4#
44	8.2	0.0	35.1

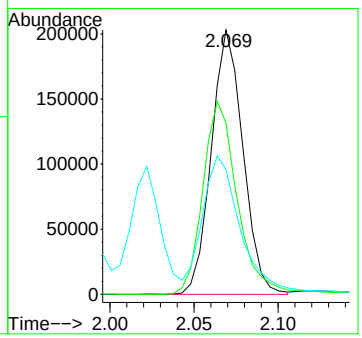


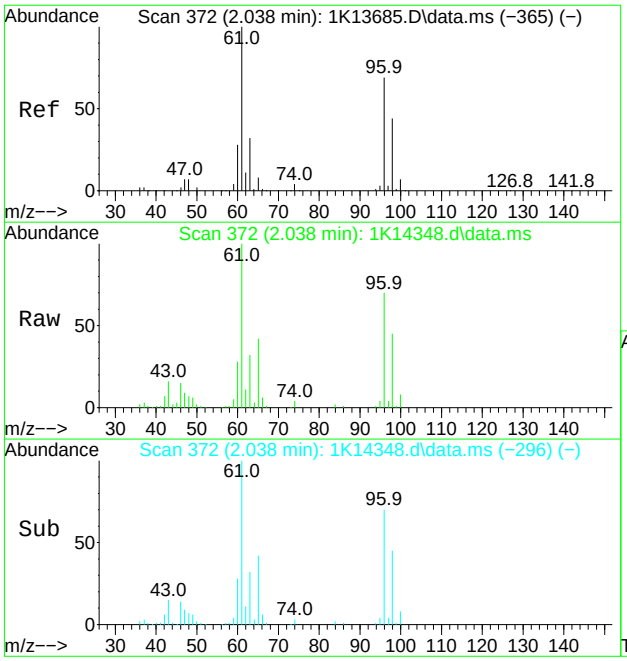


#24
methyl tert butyl ether
Concen: 18.0760 ug/L
RT: 2.069 min Scan# 378
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 73 Resp: 266222

Ion	Ratio	Lower	Upper
73	100		
57	64.8	25.1	85.1
43	44.8	12.1	72.1

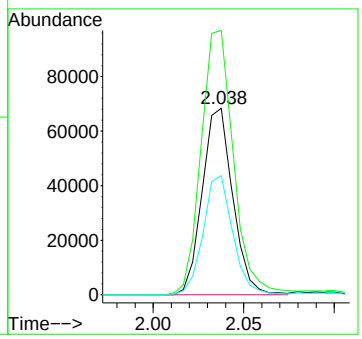


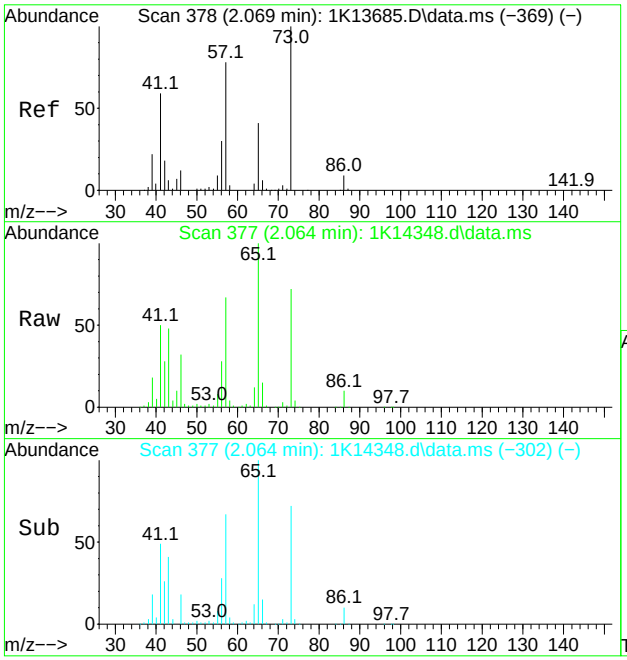


#25
trans-1,2-dichloroethene
Concen: 17.0832 ug/L
RT: 2.038 min Scan# 372
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 96 Resp: 80125

Ion	Ratio	Lower	Upper
96	100		
61	142.0	115.9	175.9
98	63.9	34.7	94.7

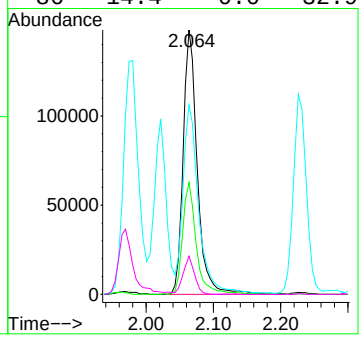


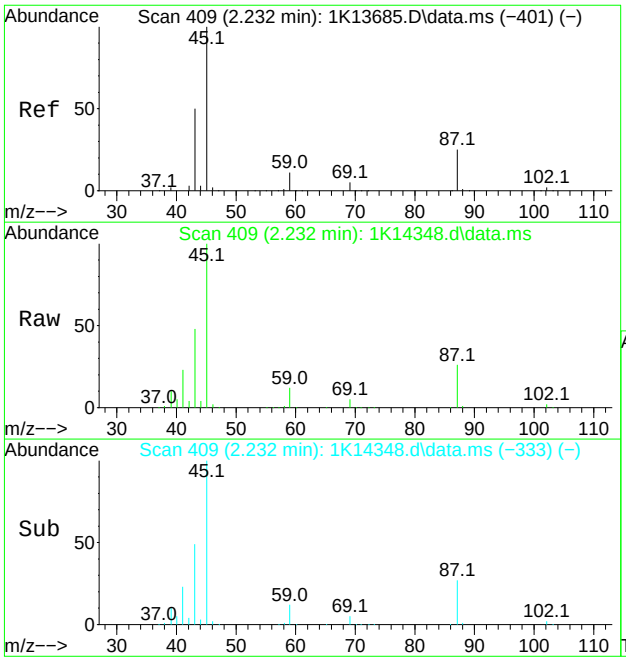


#26
hexane
Concen: 17.3687 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 57 Resp: 216914

Ion	Ratio	Lower	Upper
57	100		
56	42.3	18.5	58.5
43	63.6	50.7	90.7
86	14.4	0.0	32.9

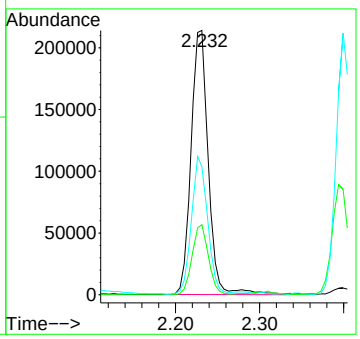


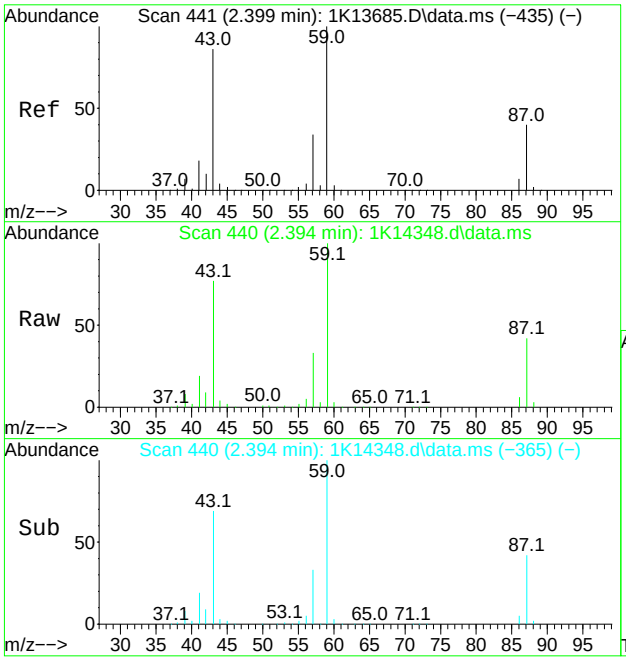


#27
di-isopropyl ether
Concen: 19.0806 ug/L
RT: 2.232 min Scan# 409
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 45 Resp: 303929

Ion	Ratio	Lower	Upper
45	100		
87	26.5	0.0	55.4
43	48.1	19.8	79.8

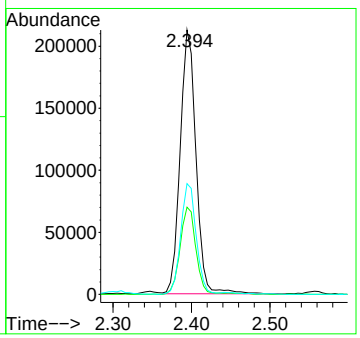


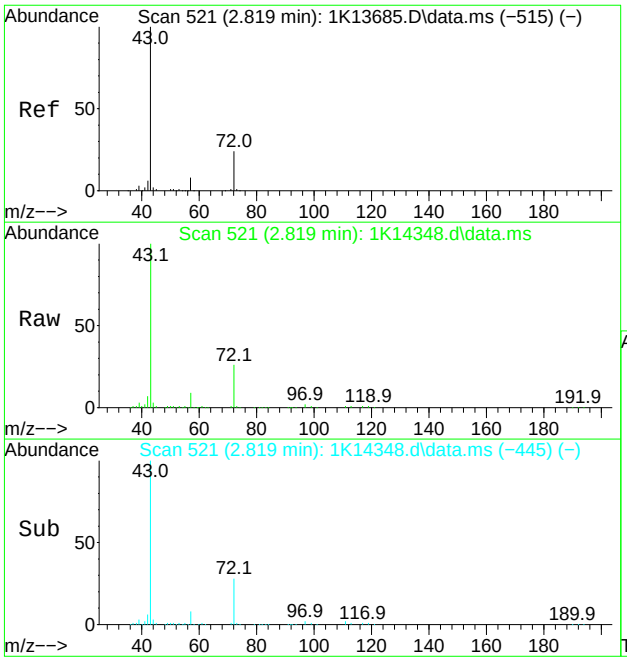


#28
ethyl tert-butyl ether
Concen: 17.8377 ug/L
RT: 2.394 min Scan# 440
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 59 Resp: 296994

Ion	Ratio	Lower	Upper
59	100		
57	33.1	3.4	63.4
87	41.9	9.9	69.9

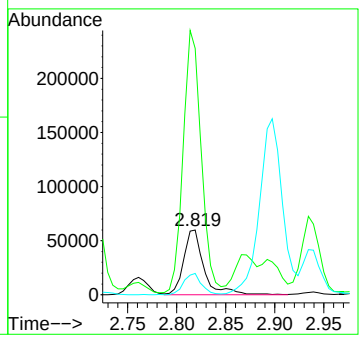


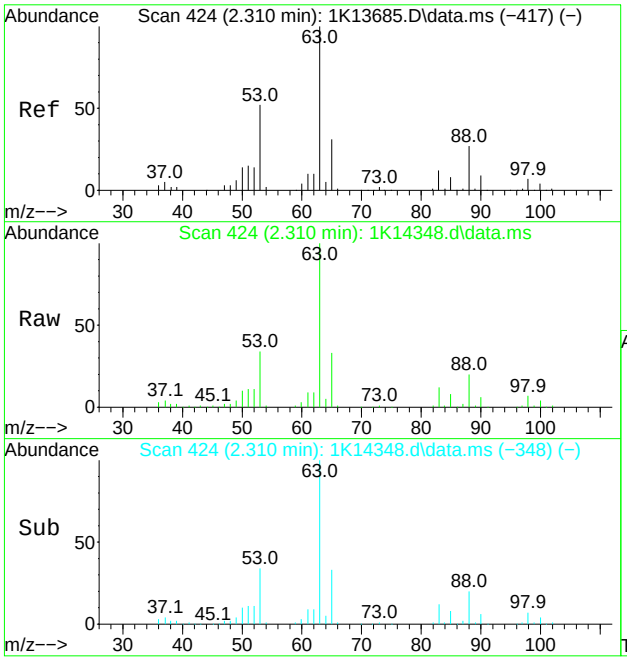


#29
2-butanone
Concen: 70.9966 ug/L
RT: 2.819 min Scan# 521
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 72 Resp: 86772

Ion	Ratio	Lower	Upper
72	100		
43	379.5	384.5	444.5#
57	33.0	2.9	62.9

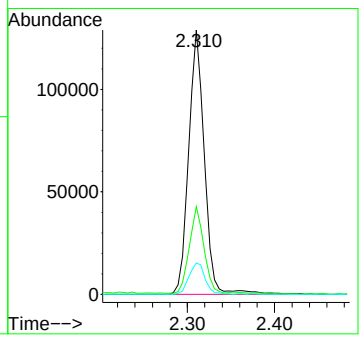


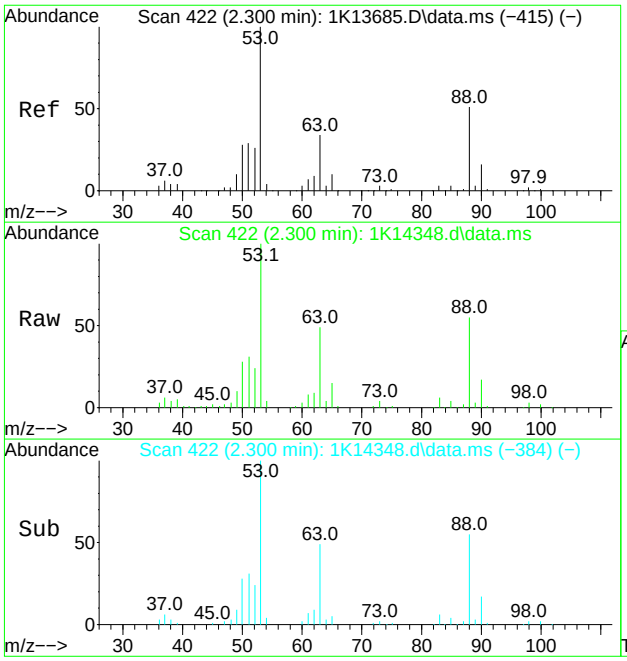


#30
1,1-dichloroethane
Concen: 17.4019 ug/L
RT: 2.310 min Scan# 424
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 63 Resp: 161609

Ion	Ratio	Lower	Upper
63	100		
65	32.9	0.6	60.6
83	11.9	0.0	41.8

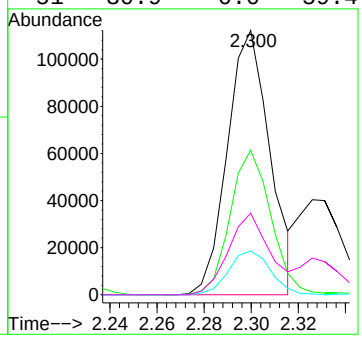


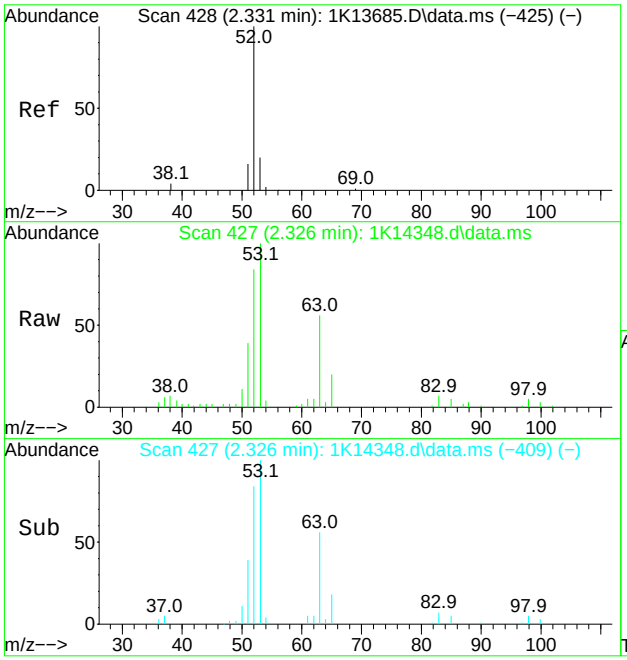


#31
chloroprene
Concen: 16.0099 ug/L
RT: 2.300 min Scan# 422
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 53 Resp: 141169

Ion	Ratio	Lower	Upper
53	100		
88	54.7	21.4	81.4
90	16.5	0.0	46.1
51	30.9	0.0	59.4

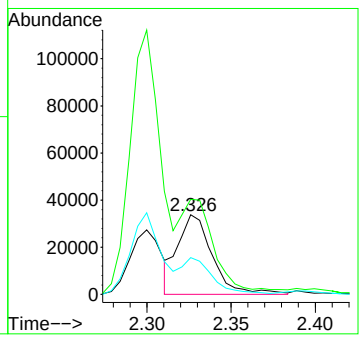


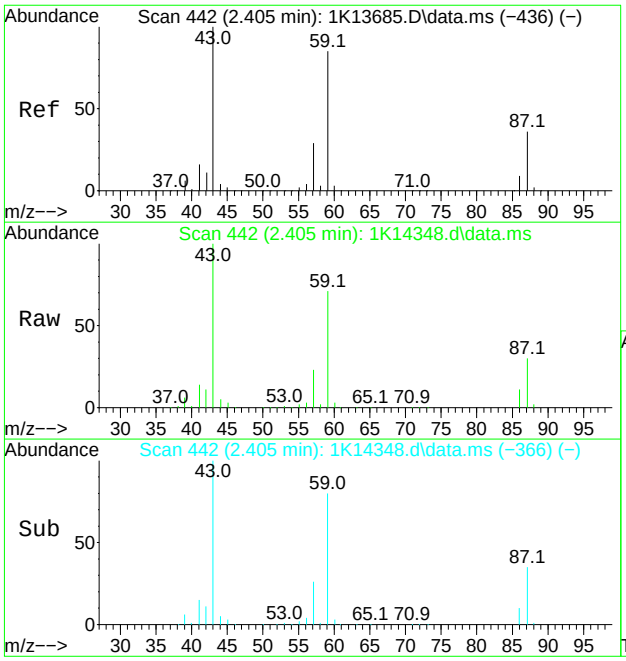


#32
acrylonitrile
Concen: 19.1099 ug/L
RT: 2.326 min Scan# 427
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 52 Resp: 48505

Ion	Ratio	Lower	Upper
52	100		
53	115.8	92.8	152.8
51	44.0	13.6	73.6

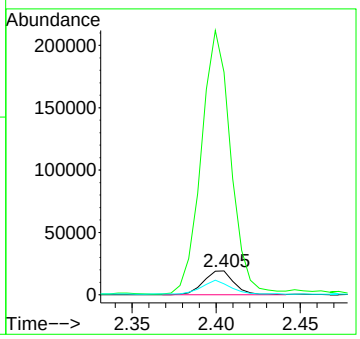


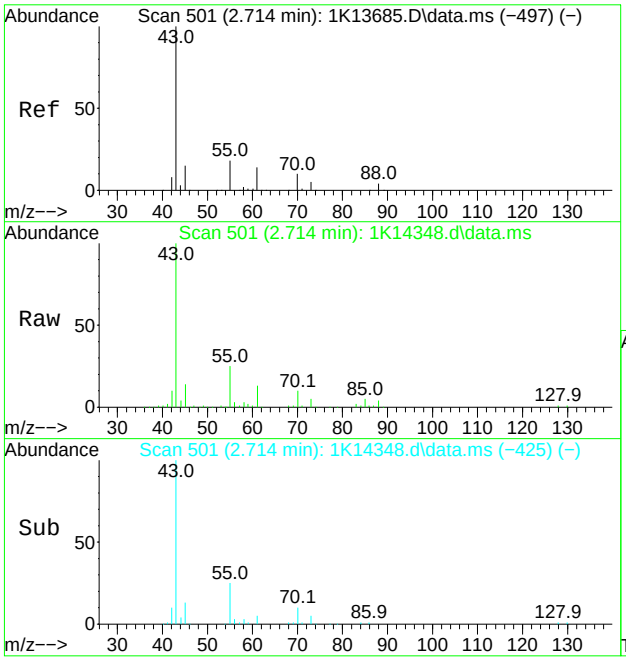


#33
vinyl acetate
Concen: 21.1957 ug/L
RT: 2.405 min Scan# 442
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 86 Resp: 24393

Ion	Ratio	Lower	Upper
86	100		
43	923.2	1068.8	1128.8#
44	42.7	18.0	78.0

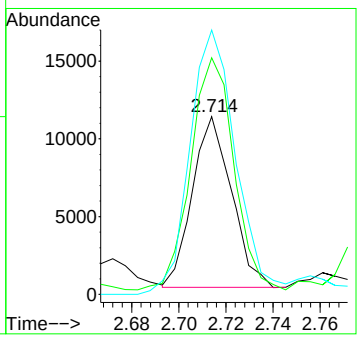


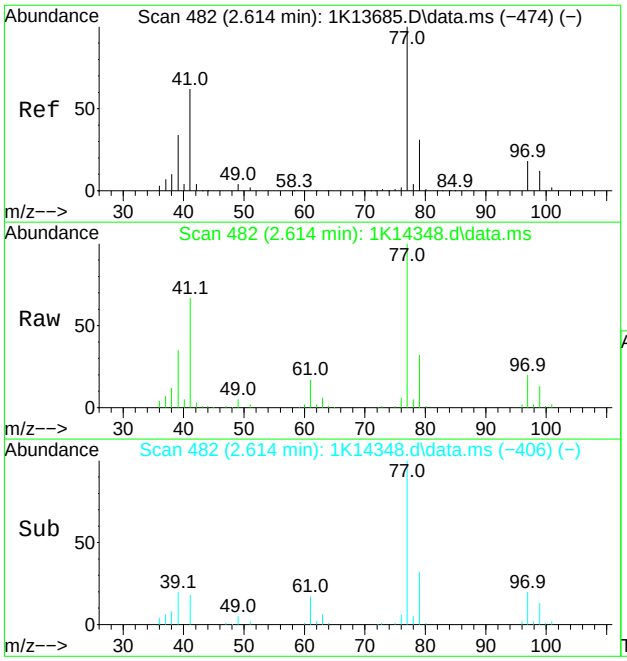


#34
ethyl acetate
Concen: 16.1355 ug/L
RT: 2.714 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 70 Resp: 12749

Ion	Ratio	Lower	Upper
70	100		
61	135.9	104.9	164.9
45	148.6	117.8	177.8

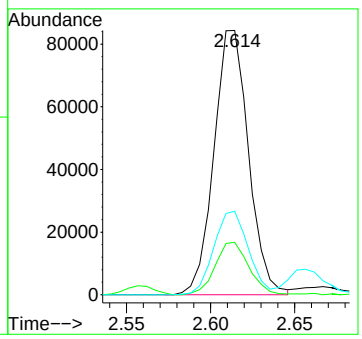


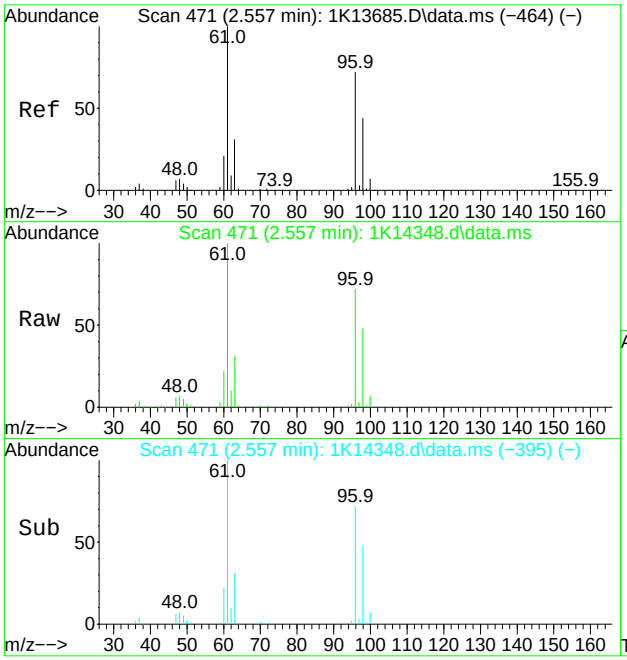


#35
2,2-dichloropropane
Concen: 16.1798 ug/L
RT: 2.614 min Scan# 482
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 77 Resp: 121069

Ion	Ratio	Lower	Upper
77	100		
97	19.5	0.0	48.7
79	31.6	0.9	60.9

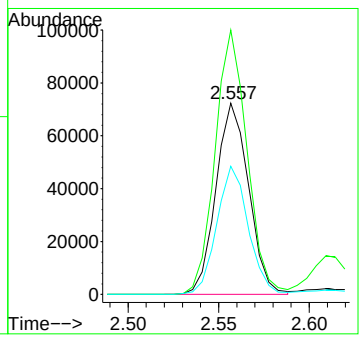


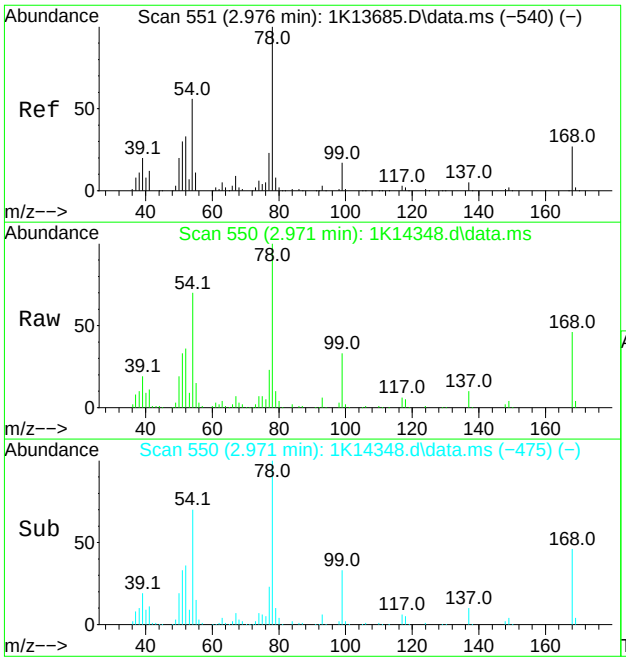


#36
cis-1,2-dichloroethene
Concen: 17.2368 ug/L
RT: 2.557 min Scan# 471
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 96 Resp: 90694

Ion	Ratio	Lower	Upper
96	100		
61	138.2	108.4	168.4
98	67.0	31.4	91.4

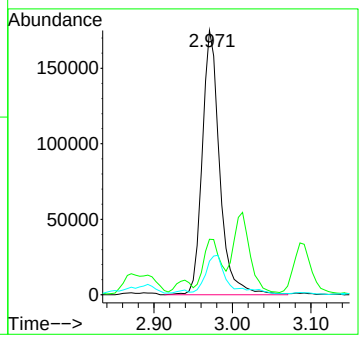


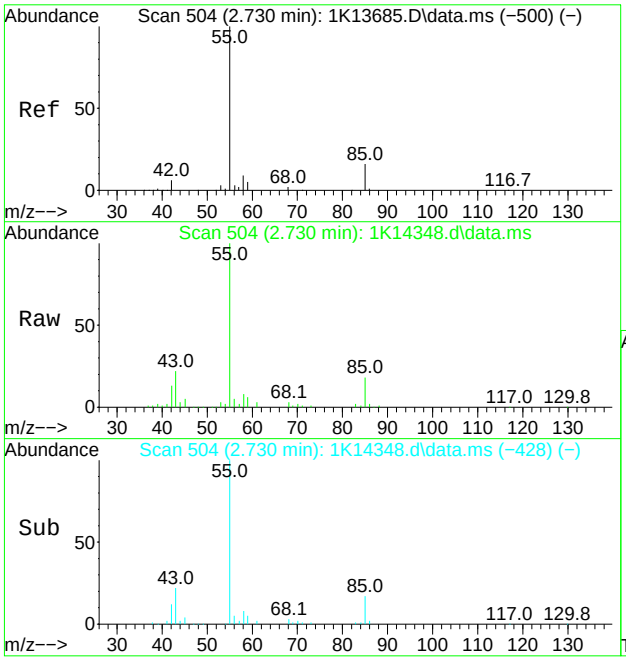


#37
propionitrile
Concen: 176.5675 ug/L
RT: 2.971 min Scan# 550
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 54 Resp: 270930

Ion	Ratio	Lower	Upper
54	100		
55	19.3	0.0	48.9
40	12.3	0.0	45.0

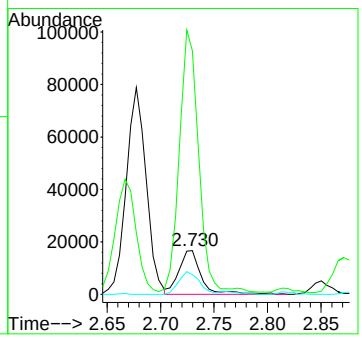


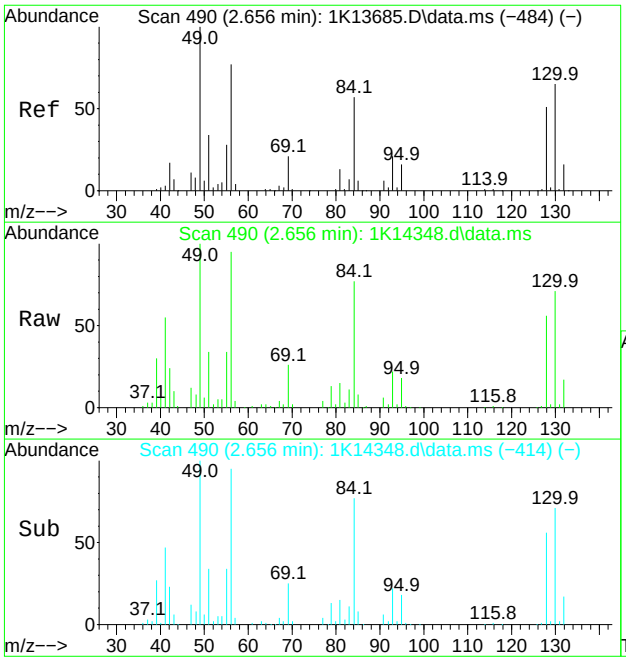


#38
methyl acrylate
Concen: 18.3238 ug/L
RT: 2.730 min Scan# 504
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 85 Resp: 24458

Ion	Ratio	Lower	Upper
85	100		
55	545.5	566.6	606.6#
58	45.2	30.2	70.2

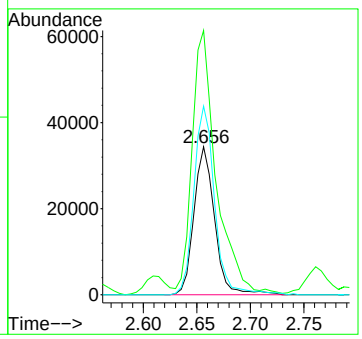


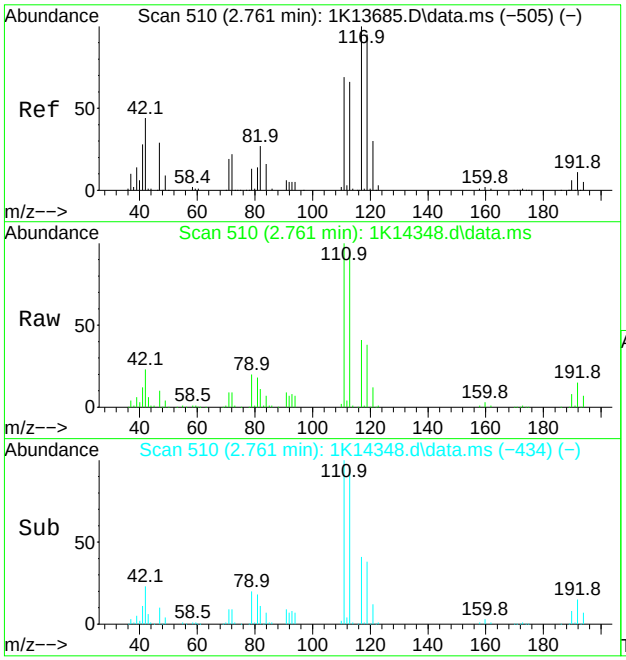


#39
bromochloromethane
Concen: 19.9189 ug/L
RT: 2.656 min Scan# 490
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:128 Resp: 46261

Ion	Ratio	Lower	Upper
128	100		
49	177.1	166.7	226.7
130	127.4	97.3	157.3

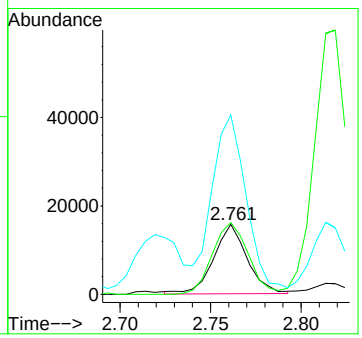


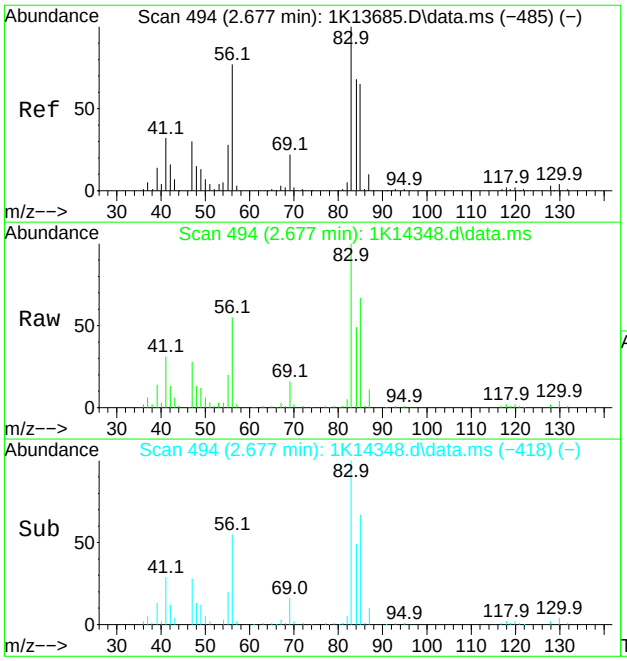


#40
tetrahydrofuran
Concen: 18.2057 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 71 Resp: 20203

Ion	Ratio	Lower	Upper
71	100		
72	106.8	87.2	147.2
42	256.9	242.1	302.1

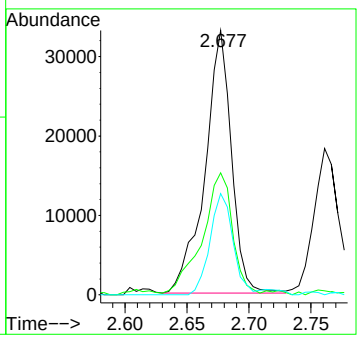


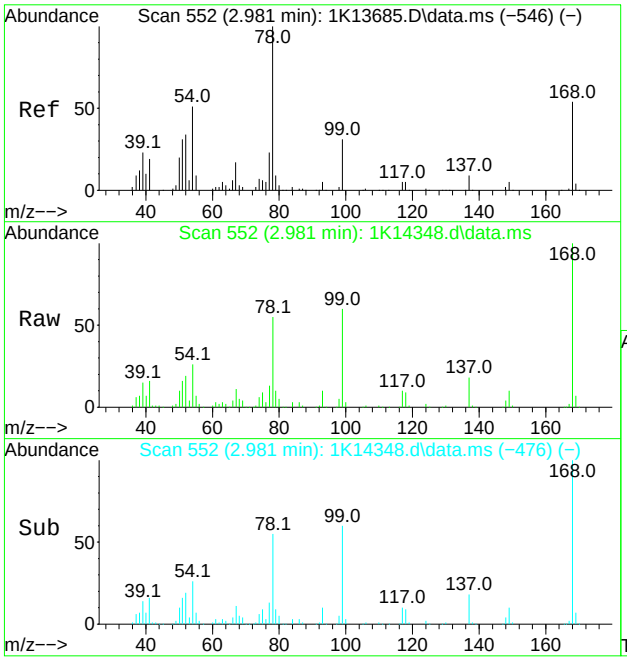


#41
chloroform
Concen: 16.4500 ug/L
RT: 2.677 min Scan# 494
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 47 Resp: 49269

Ion	Ratio	Lower	Upper
47	100		
48	45.8	19.0	79.0
87	38.6	3.4	63.4

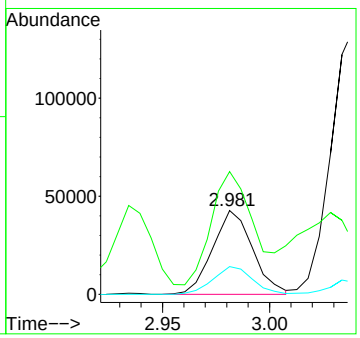


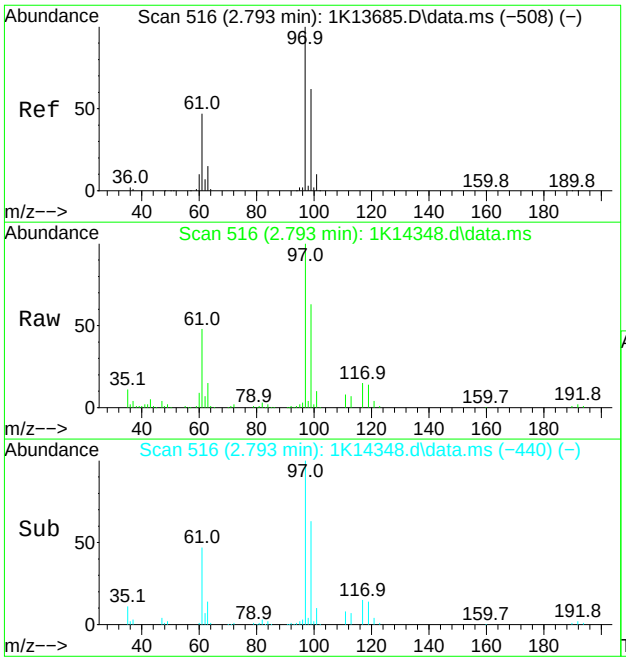


#43
methacrylonitrile
Concen: 17.3922 ug/L
RT: 2.981 min Scan# 552
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 67 Resp: 55653

Ion	Ratio	Lower	Upper
67	100		
41	116.3	85.4	145.4
66	33.1	4.8	64.8

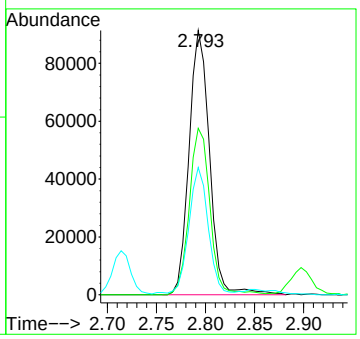


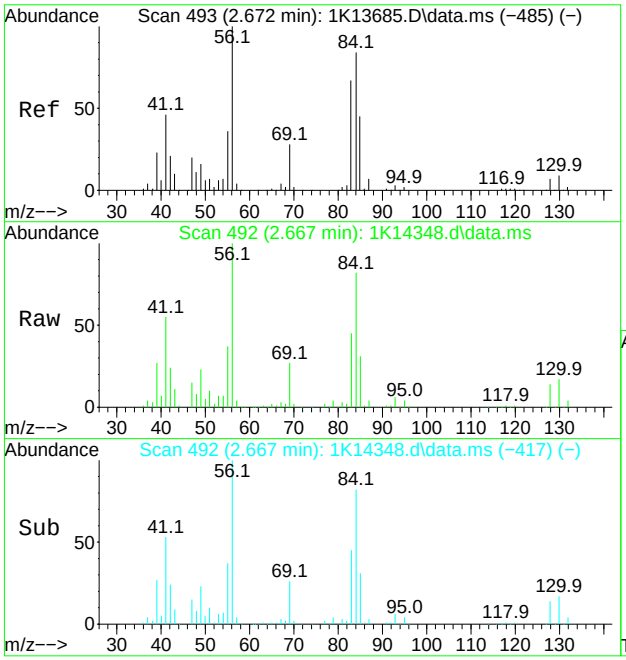


#44
1,1,1-trichloroethane
Concen: 17.4392 ug/L
RT: 2.793 min Scan# 516
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 97 Resp: 133164

Ion	Ratio	Lower	Upper
97	100		
99	63.0	32.2	92.2
61	47.3	17.7	77.7

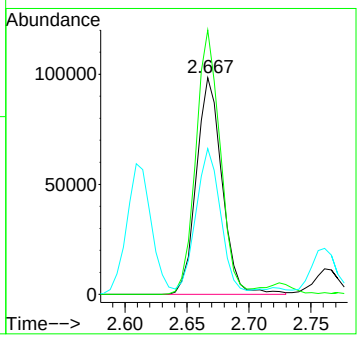


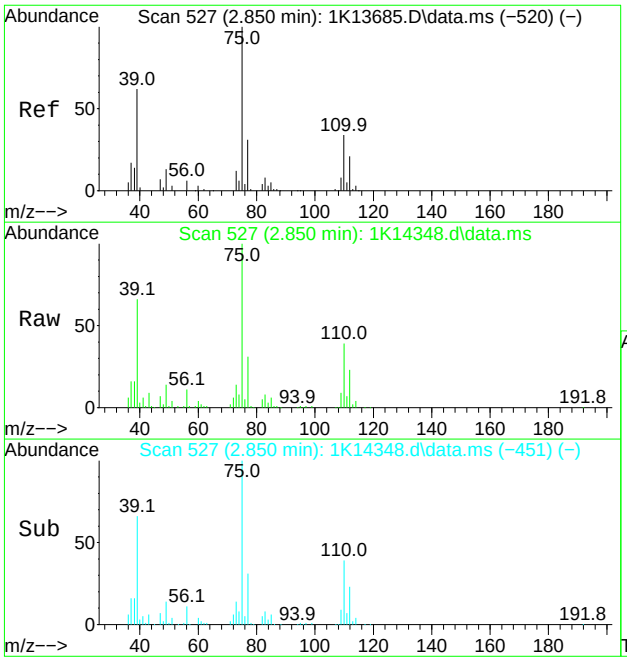


#45
cyclohexane
Concen: 16.8841 ug/L
RT: 2.667 min Scan# 492
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 84 Resp: 142157

Ion	Ratio	Lower	Upper
84	100		
56	122.0	98.6	138.6
41	65.1	43.8	83.8

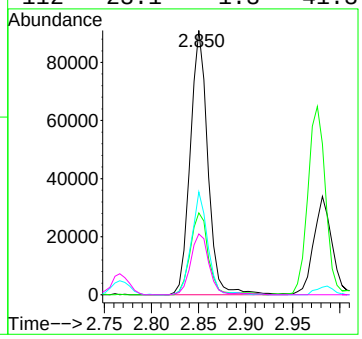


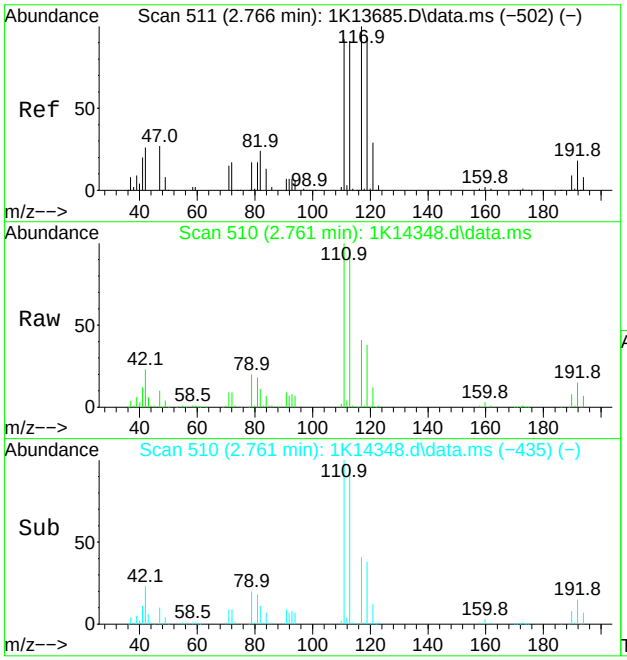


#46
1,1-dichloropropene
Concen: 17.2167 ug/L
RT: 2.850 min Scan# 527
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 75 Resp: 118813

Ion	Ratio	Lower	Upper
75	100		
77	31.0	11.3	51.3
110	38.9	14.2	54.2
112	23.1	1.3	41.3

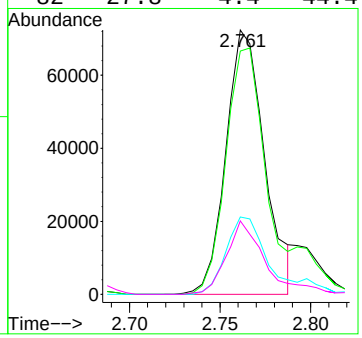


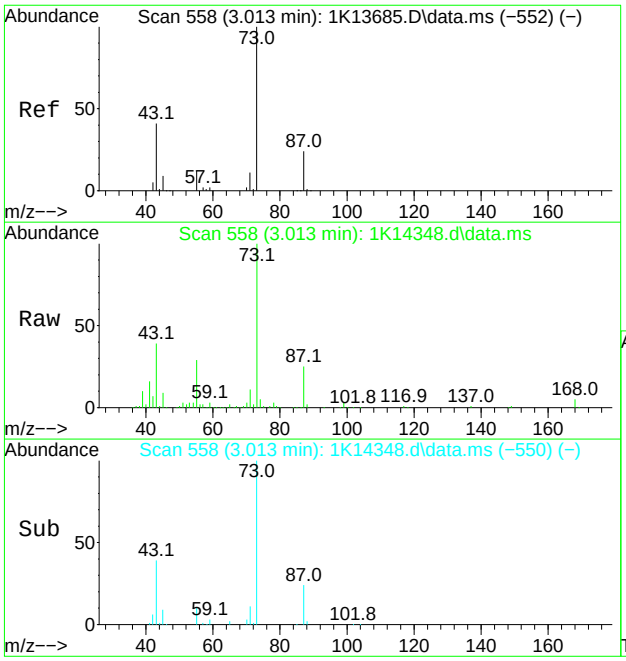


#47
carbon tetrachloride
Concen: 16.0725 ug/L
RT: 2.761 min Scan# 510
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:117 Resp: 107204

Ion	Ratio	Lower	Upper
117	100		
119	92.0	73.1	113.1
121	29.3	9.4	49.4
82	27.8	4.4	44.4

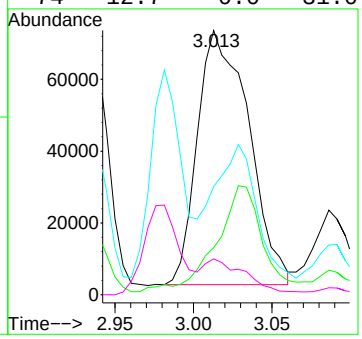


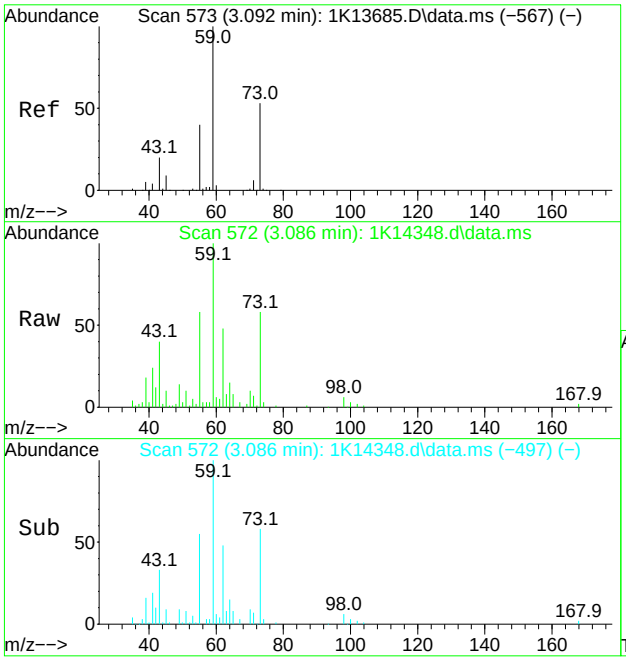


#48
isobutyl alcohol
Concen: 155.1312 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 43 Resp: 160984

Ion	Ratio	Lower	Upper
43	100		
42	14.6	0.0	32.6
41	33.7	9.1	49.1
74	12.7	0.0	31.0

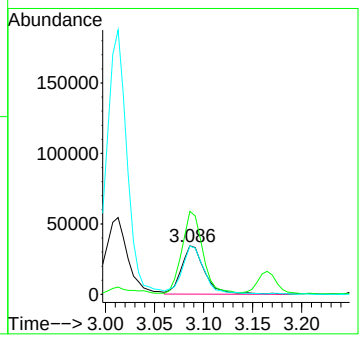


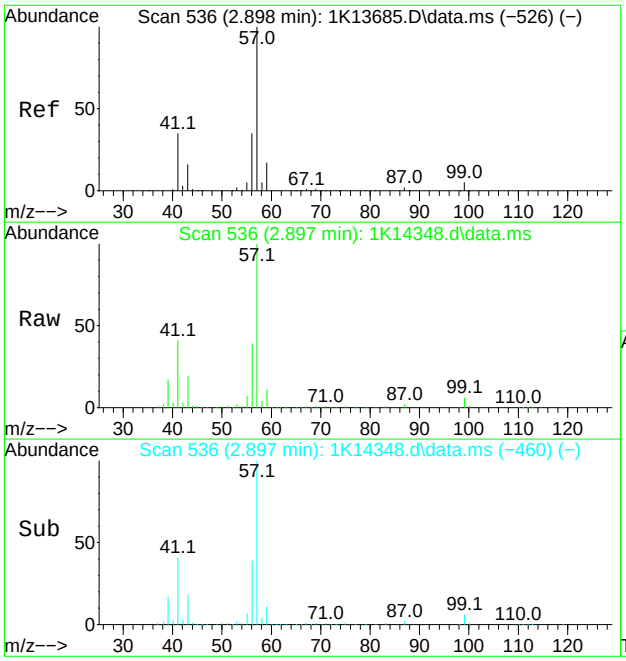


#49
tert-amyl alcohol
Concen: 106.2067 ug/L
RT: 3.086 min Scan# 572
Delta R.T. -0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 55 Resp: 56407

Ion	Ratio	Lower	Upper
55	100		
59	170.0	218.8	258.8#
73	99.5	115.9	155.9#

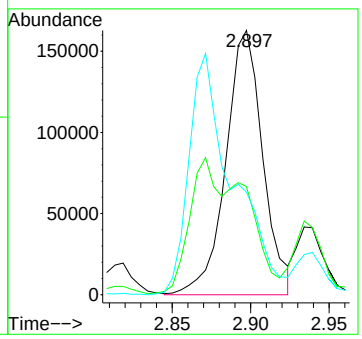


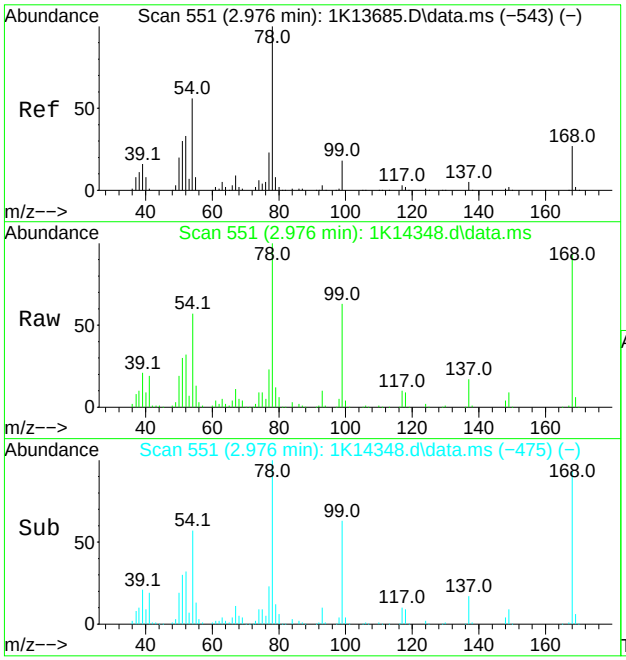


#52
iso-octane
Concen: 15.7249 ug/L
RT: 2.897 min Scan# 536
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 57 Resp: 266444

Ion	Ratio	Lower	Upper
57	100		
41	39.8	14.8	54.8
56	38.1	15.3	55.3

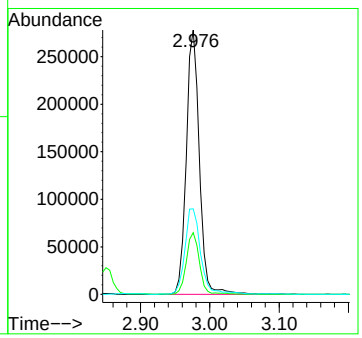


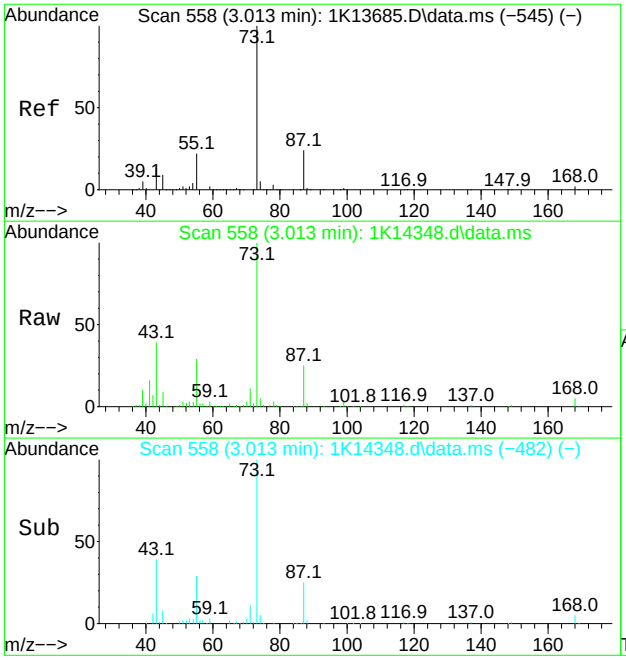


#53
benzene
Concen: 16.9110 ug/L
RT: 2.976 min Scan# 551
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 78 Resp: 368550

Ion	Ratio	Lower	Upper
78	100		
77	23.3	0.0	53.3
52	32.2	3.5	63.5

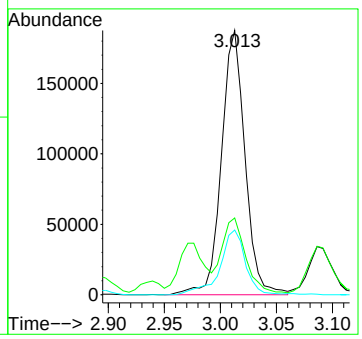


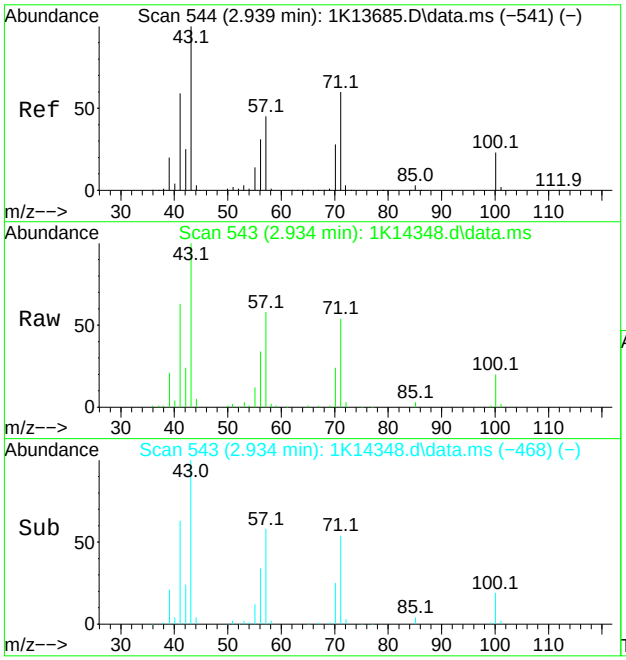


#54
tert-amyl methyl ether
Concen: 16.5808 ug/L
RT: 3.013 min Scan# 558
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 73 Resp: 275846

Ion	Ratio	Lower	Upper
73	100		
55	28.3	5.1	45.1
87	24.6	4.2	44.2

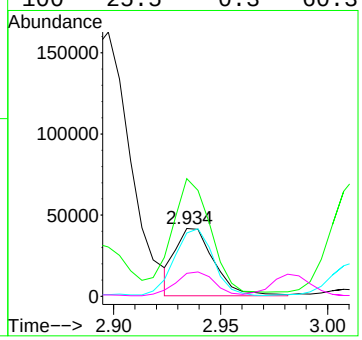


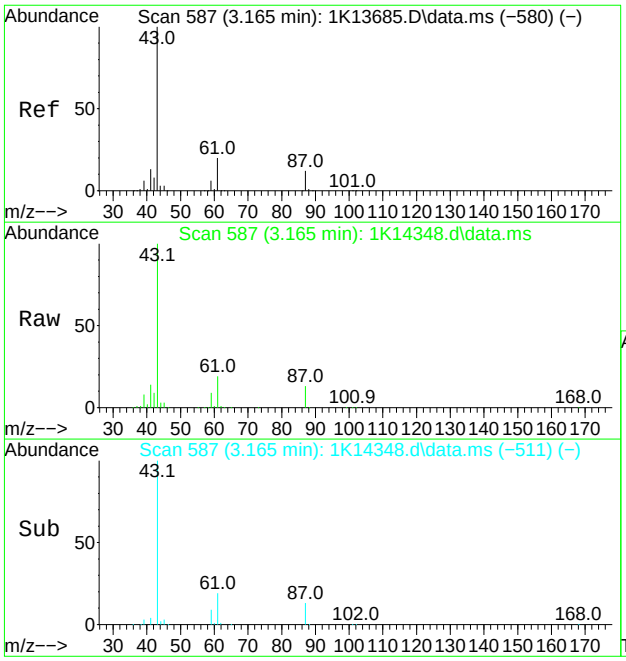


#55
heptane
Concen: 16.7014 ug/L
RT: 2.934 min Scan# 543
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 57 Resp: 51805

Ion	Ratio	Lower	Upper
57	100		
43	170.6	140.0	200.0
71	93.2	67.3	127.3
100	25.5	0.3	60.3

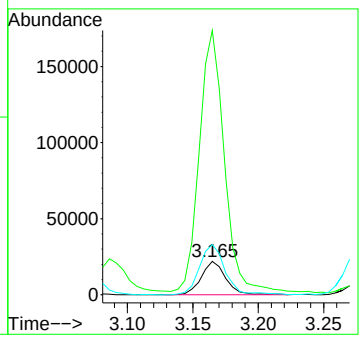


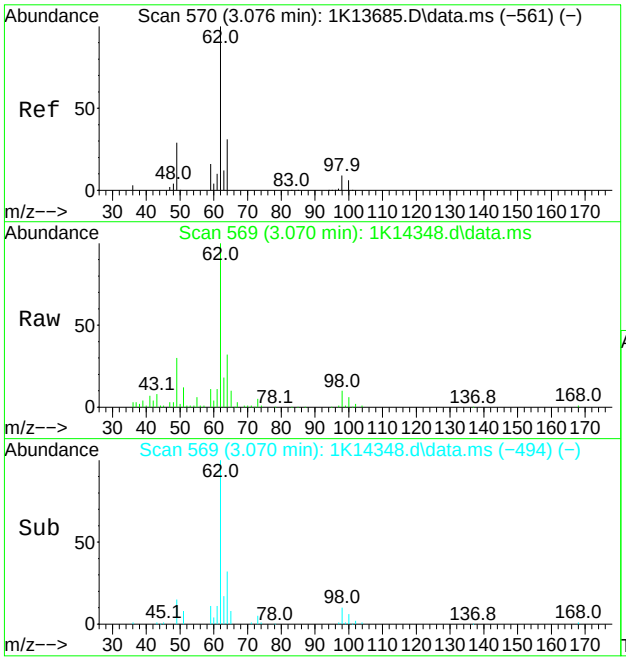


#56
isopropyl acetate
Concen: 18.0839 ug/L
RT: 3.165 min Scan# 587
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 87 Resp: 28799

Ion	Ratio	Lower	Upper
87	100		
43	783.2	799.2	859.2#
61	151.2	137.1	197.1

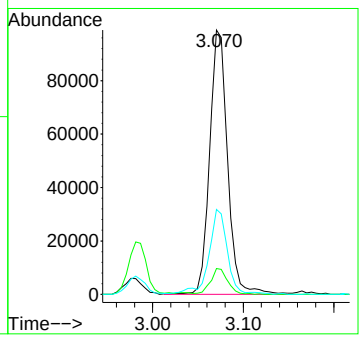


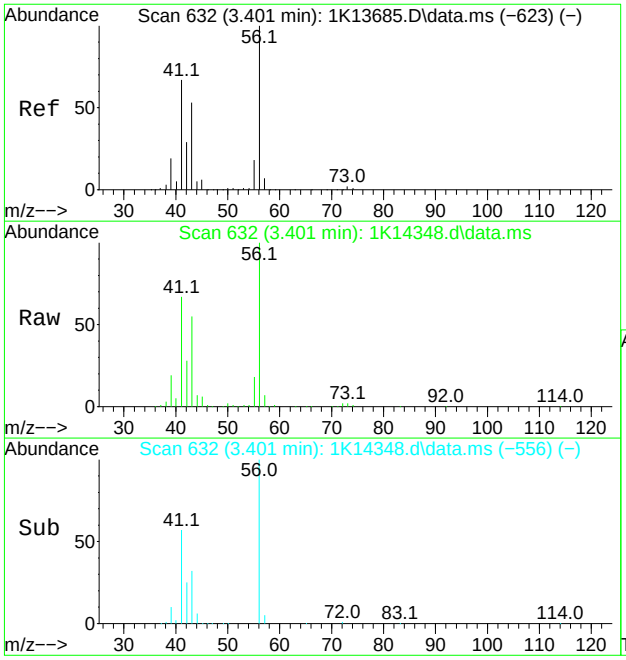


#57
1,2-dichloroethane
Concen: 17.3696 ug/L
RT: 3.070 min Scan# 569
Delta R.T. -0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 62 Resp: 135703

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	39.5
64	32.2	1.1	61.1

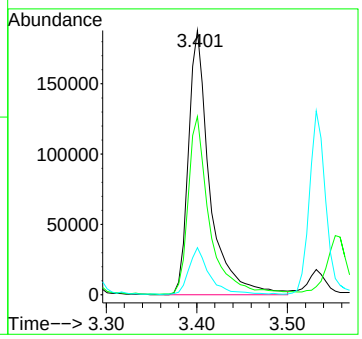


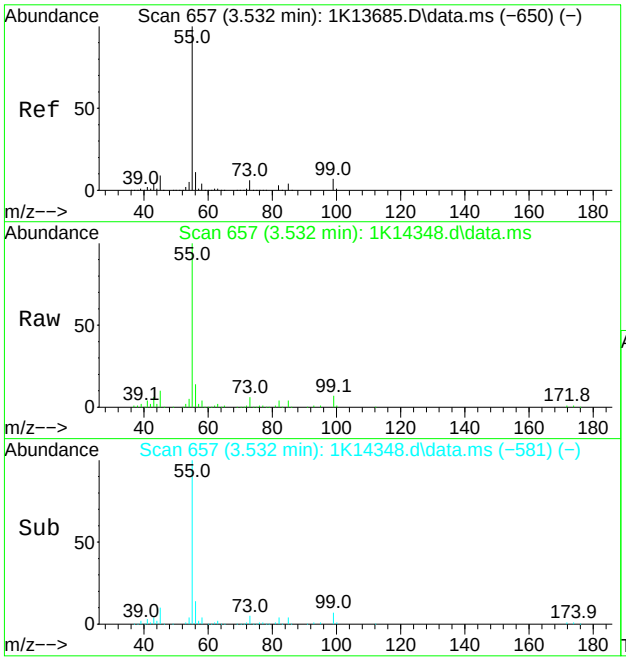


#58
n-butyl alcohol
Concen: 728.5910 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 56 Resp: 307402

Ion	Ratio	Lower	Upper
56	100		
41	67.1	46.6	86.6
55	17.6	0.0	37.9

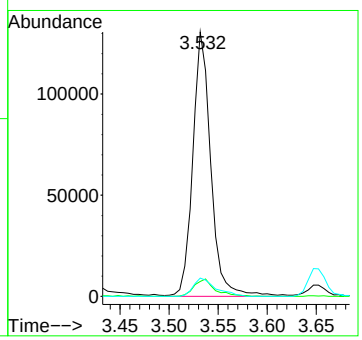


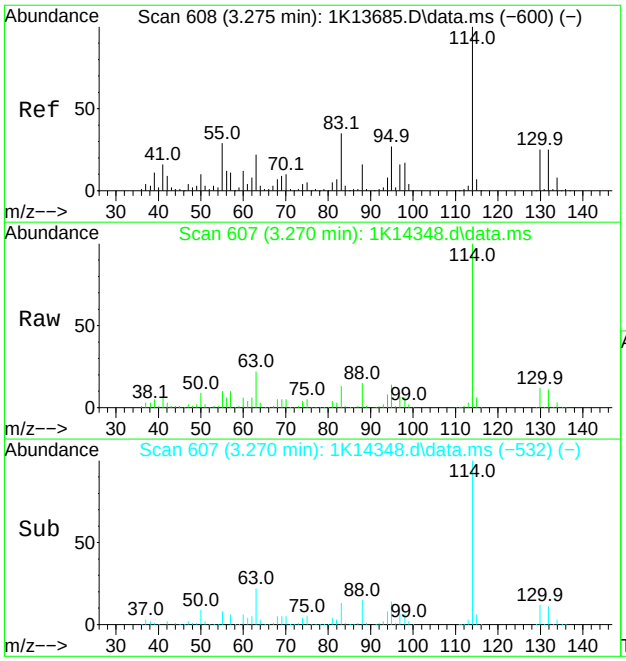


#59
ethyl acrylate
Concen: 17.1159 ug/L
RT: 3.532 min Scan# 657
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 55 Resp: 168029

Ion	Ratio	Lower	Upper
55	100		
73	5.7	0.0	36.5
99	7.0	0.0	37.0

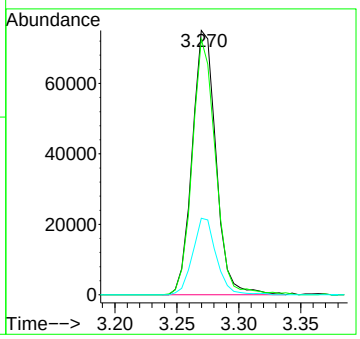


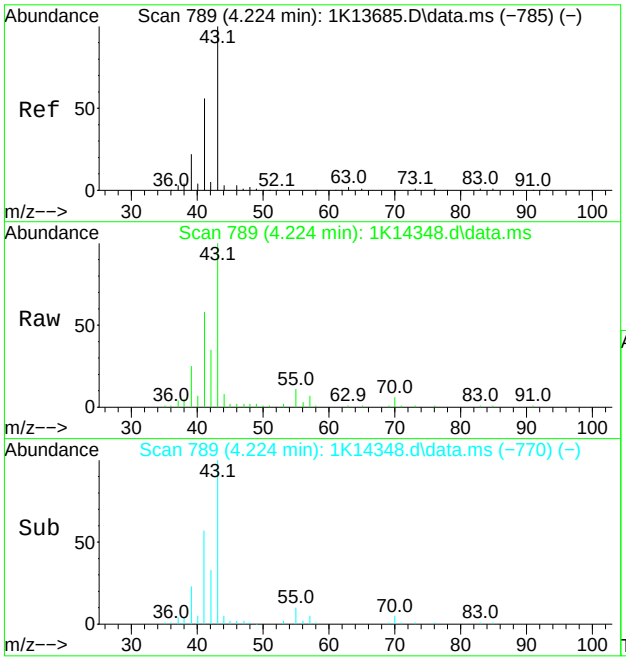


#60
trichloroethene
Concen: 18.2819 ug/L
RT: 3.270 min Scan# 607
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:130 Resp: 100548

Ion	Ratio	Lower	Upper
130	100		
132	96.7	70.3	130.3
134	29.0	2.0	62.0

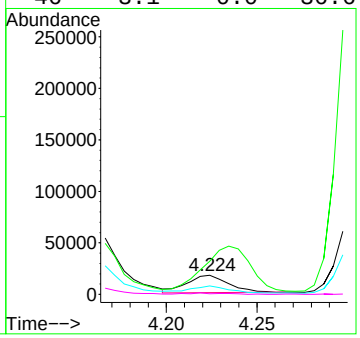


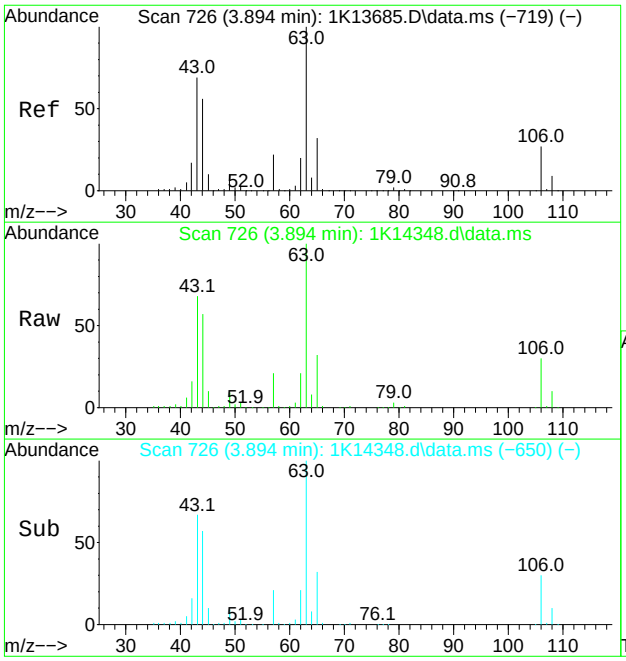


#61
2-nitropropane
Concen: 9.7120 ug/L
RT: 4.224 min Scan# 789
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 41 Resp: 26754

Ion	Ratio	Lower	Upper
41	100		
43	174.9	127.6	187.6
39	41.0	8.5	68.5
46	3.1	0.0	36.6

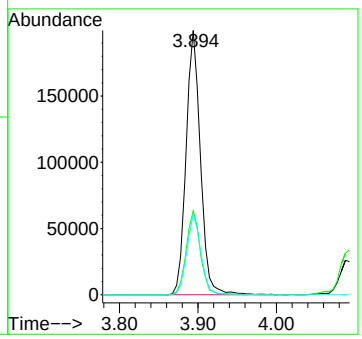


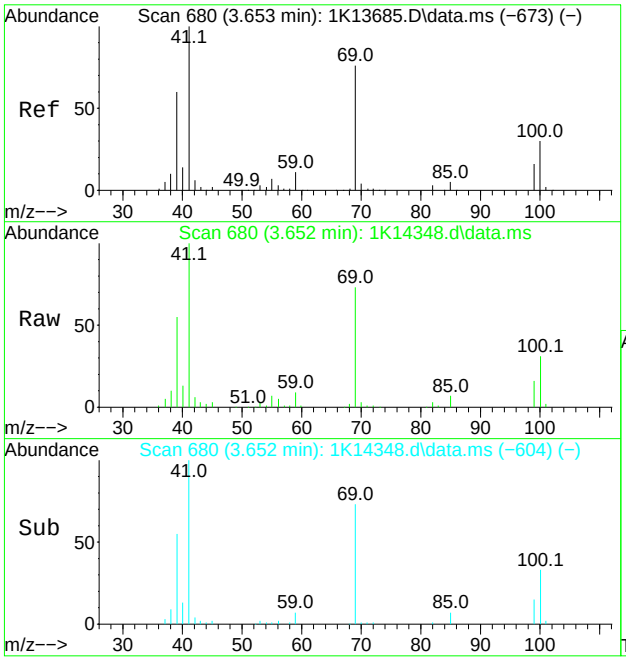


#62
2-chloroethyl vinyl ether
Concen: 84.5077 ug/L
RT: 3.894 min Scan# 726
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 63 Resp: 253275

Ion	Ratio	Lower	Upper
63	100		
65	31.8	1.9	61.9
106	30.4	0.0	57.3

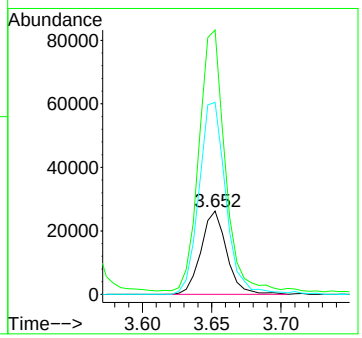


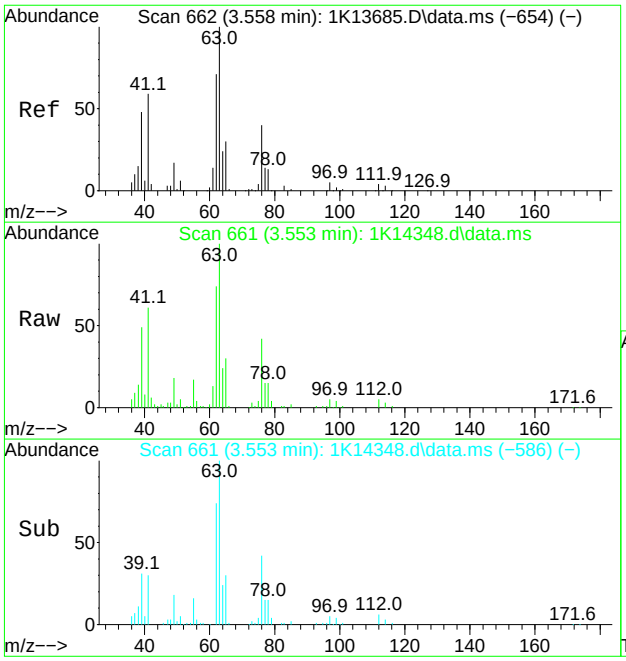


#63
methyl methacrylate
Concen: 19.0987 ug/L
RT: 3.652 min Scan# 680
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:100 Resp: 33827

Ion	Ratio	Lower	Upper
100	100		
41	313.0	304.0	364.0
69	230.9	224.1	284.1

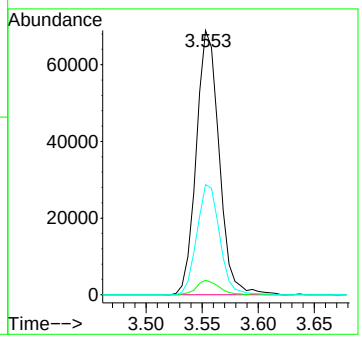


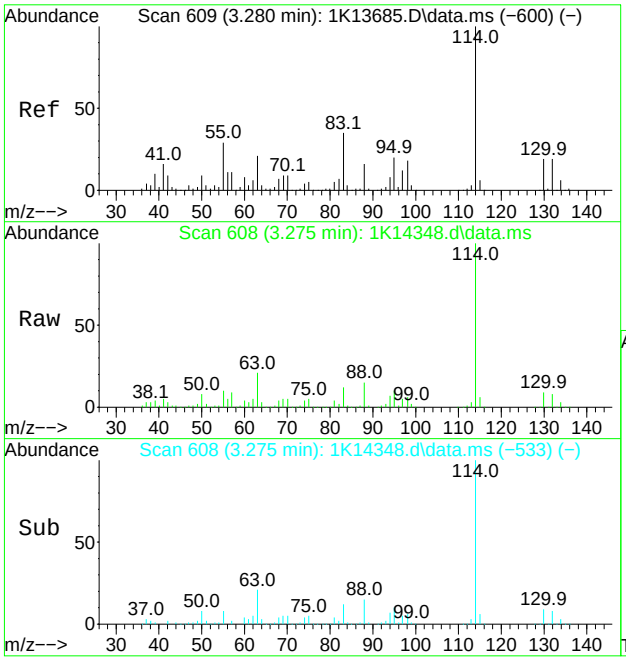


#64
1,2-dichloropropane
Concen: 17.4323 ug/L
RT: 3.553 min Scan# 661
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 63 Resp: 97809

Ion	Ratio	Lower	Upper
63	100		
112	5.5	0.0	34.4
76	41.7	10.3	70.3

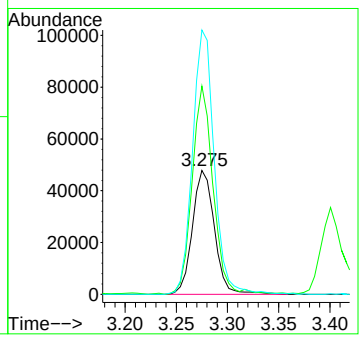


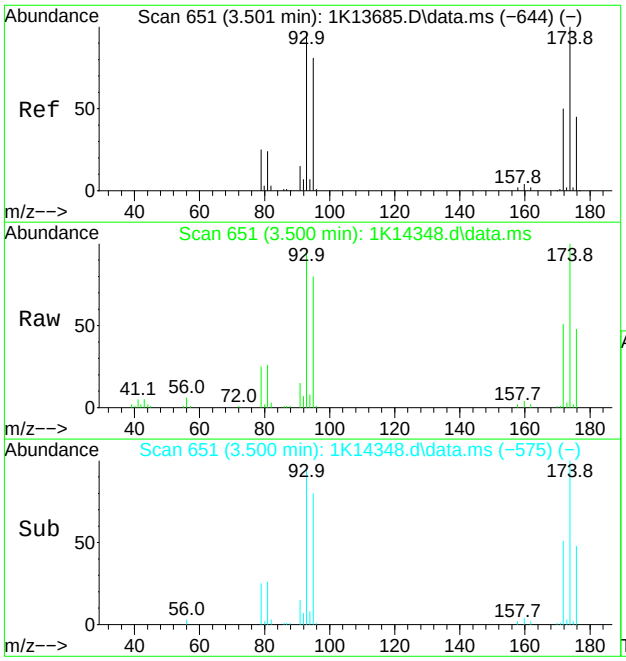


#65
methylcyclohexane
Concen: 16.9287 ug/L
RT: 3.275 min Scan# 608
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 98 Resp: 71992

Ion	Ratio	Lower	Upper
98	100		
55	168.2	130.3	190.3
83	213.6	194.3	194.3#

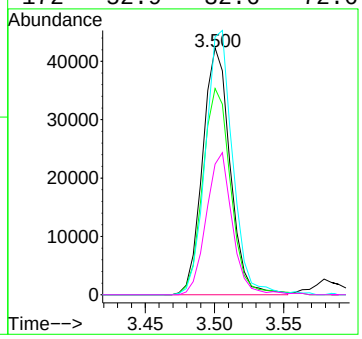


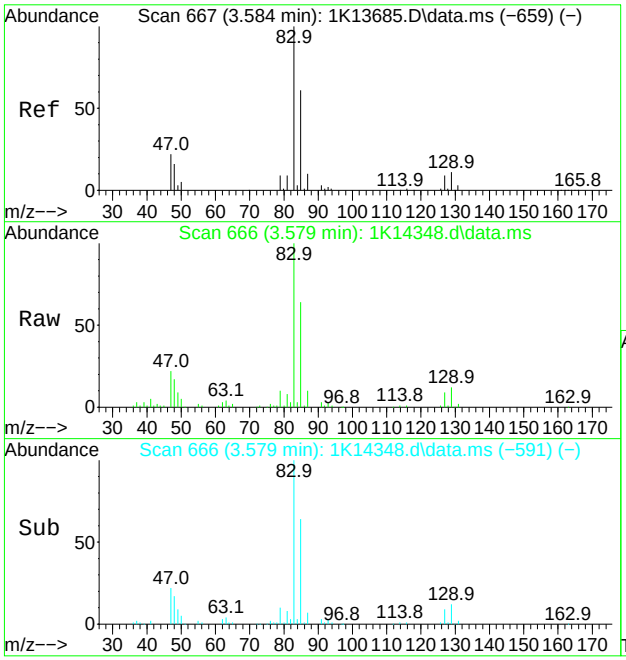


#66
dibromomethane
Concen: 18.2524 ug/L
RT: 3.500 min Scan# 651
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 93 Resp: 58488

Ion	Ratio	Lower	Upper
93	100		
95	83.5	54.7	114.7
174	104.4	74.1	134.1
172	52.9	32.6	72.6

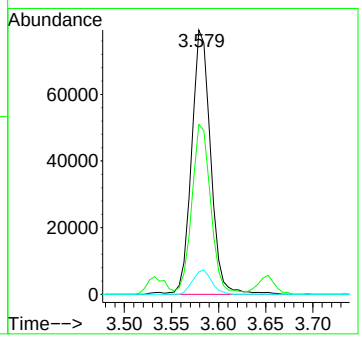


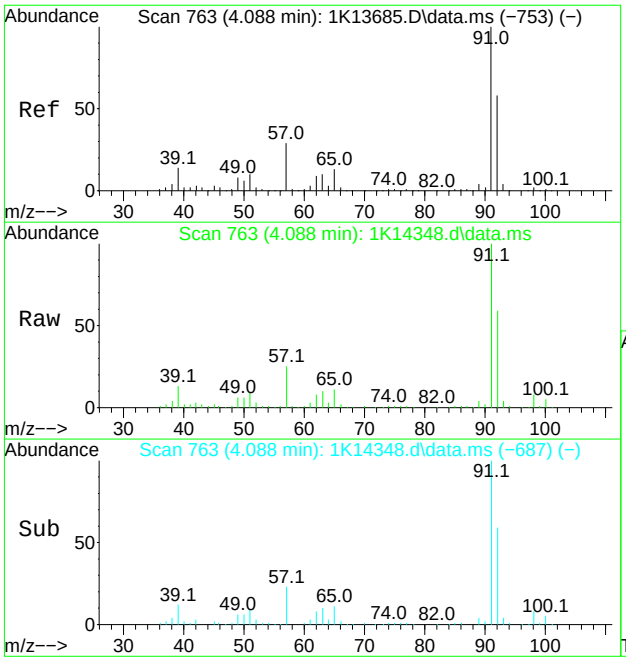


#67
bromodichloromethane
Concen: 16.4923 ug/L
RT: 3.579 min Scan# 666
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 83 Resp: 112110

Ion	Ratio	Lower	Upper
83	100		
85	63.4	35.1	95.1
127	8.5	0.0	39.1

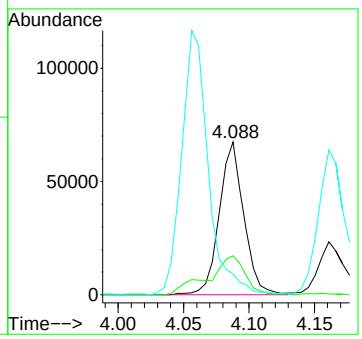


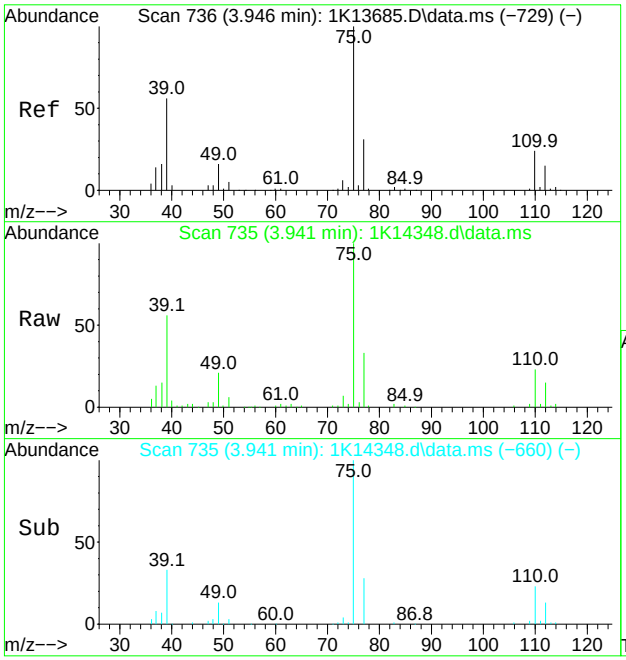


#68
epichlorohydrin
Concen: 77.6244 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 57 Resp: 88300

Ion	Ratio	Lower	Upper
57	100		
49	25.5	6.2	46.2
42	12.5	0.0	29.7

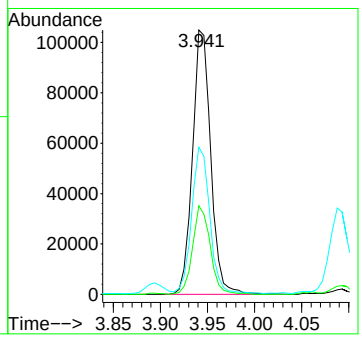


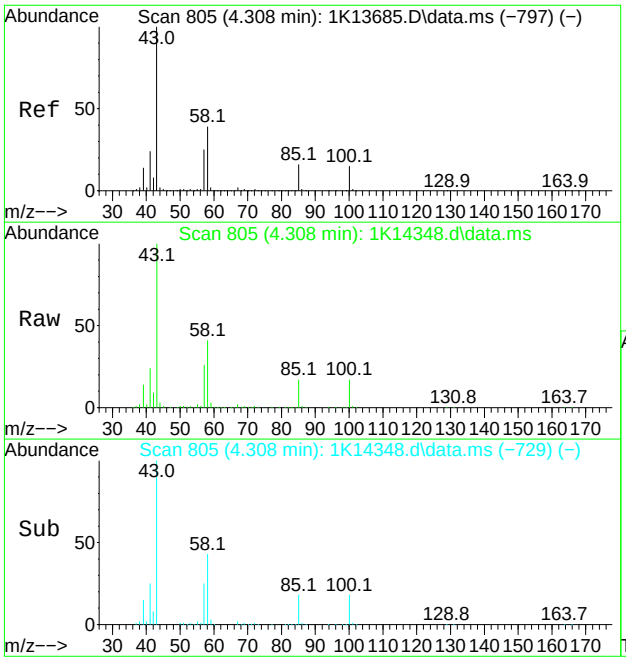


#69
cis-1,3-dichloropropene
Concen: 16.4854 ug/L
RT: 3.941 min Scan# 735
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 75 Resp: 141921

Ion	Ratio	Lower	Upper
75	100		
77	33.5	1.6	61.6
39	55.2	26.9	86.9

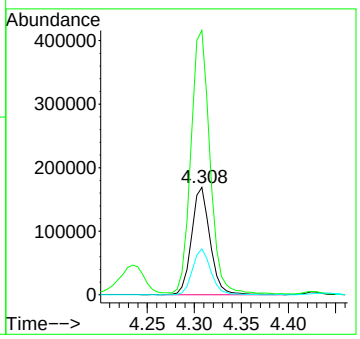


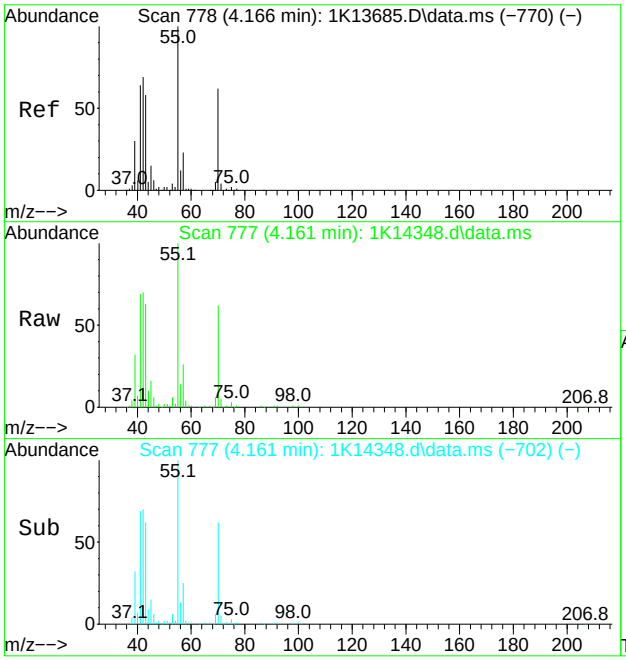


#70
4-methyl-2-pentanone
Concen: 72.4713 ug/L
RT: 4.308 min Scan# 805
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 58 Resp: 231555

Ion	Ratio	Lower	Upper
58	100		
43	245.6	226.7	286.7
100	42.9	8.1	68.1

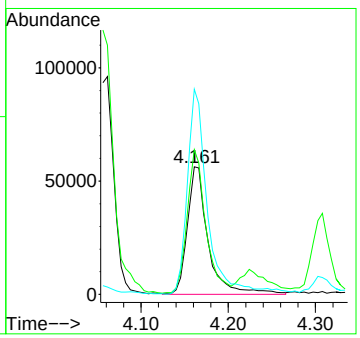


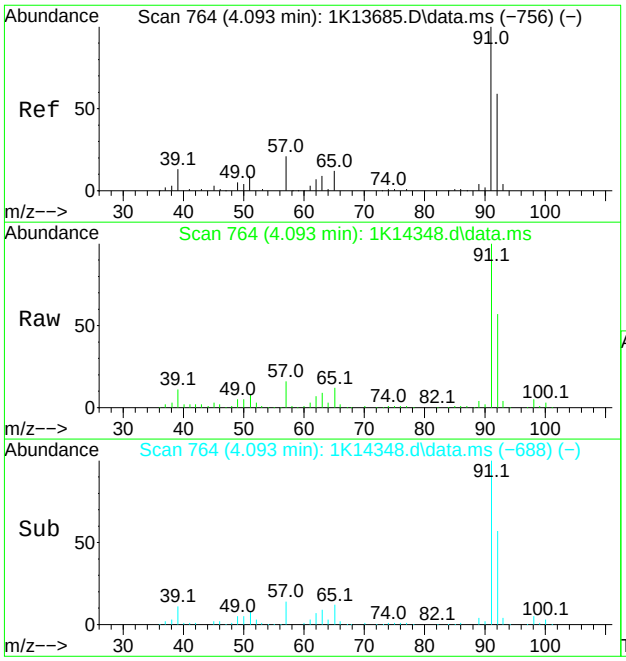


#71
3-methyl-1-butanol
Concen: 275.2425 ug/L
RT: 4.161 min Scan# 777
Delta R.T. -0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 70 Resp: 93580

Ion	Ratio	Lower	Upper
70	100		
42	113.1	81.3	141.3
55	161.4	131.4	191.4

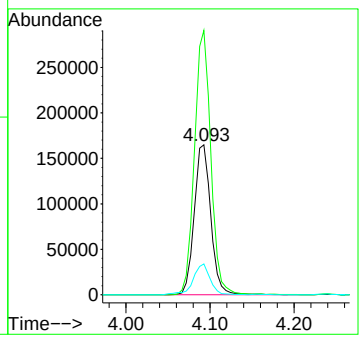


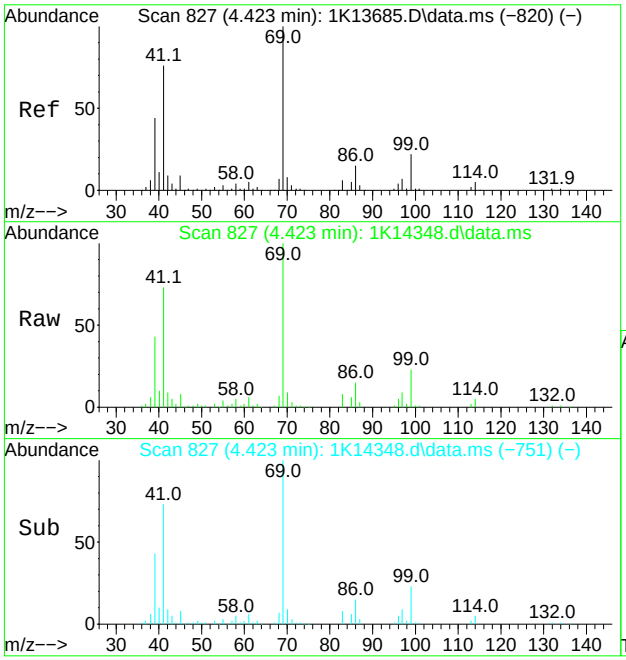


#74
toluene
Concen: 16.7904 ug/L
RT: 4.093 min Scan# 764
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 92 Resp: 226132

Ion	Ratio	Lower	Upper
92	100		
91	176.4	150.5	190.5
65	20.6	0.6	40.6

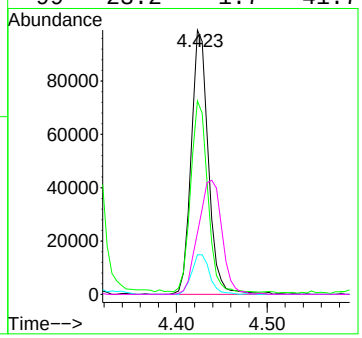


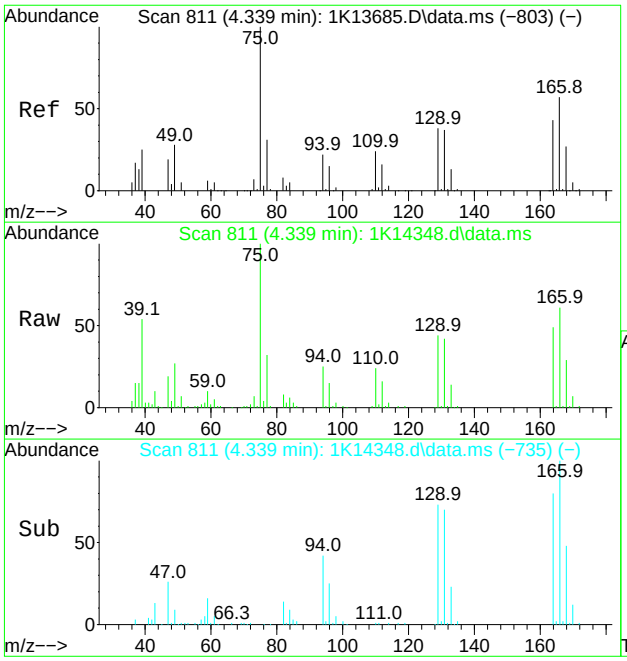


#75
ethyl methacrylate
Concen: 17.1669 ug/L
RT: 4.423 min Scan# 827
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 69 Resp: 130712

Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.7	96.7
86	15.0	0.0	35.4
99	23.2	1.7	41.7

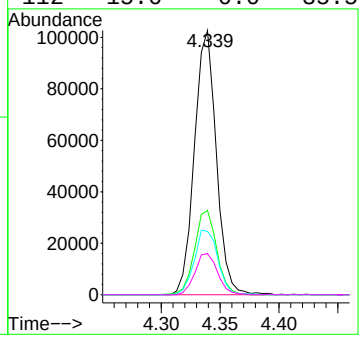


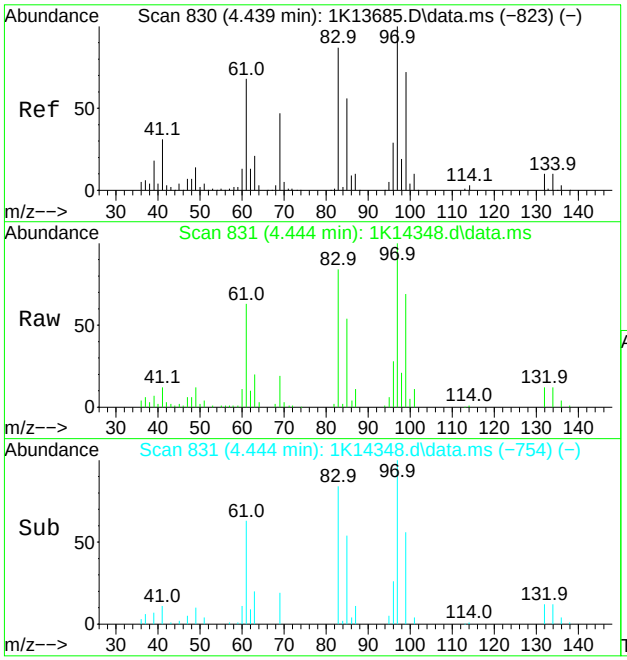


#76
trans-1,3-dichloropropene
Concen: 16.1948 ug/L
RT: 4.339 min Scan# 811
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 75 Resp: 132862

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.2	51.2
110	24.0	4.0	44.0
112	15.6	0.0	35.5

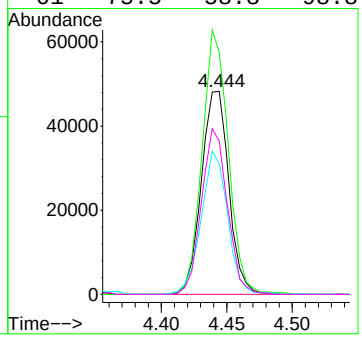


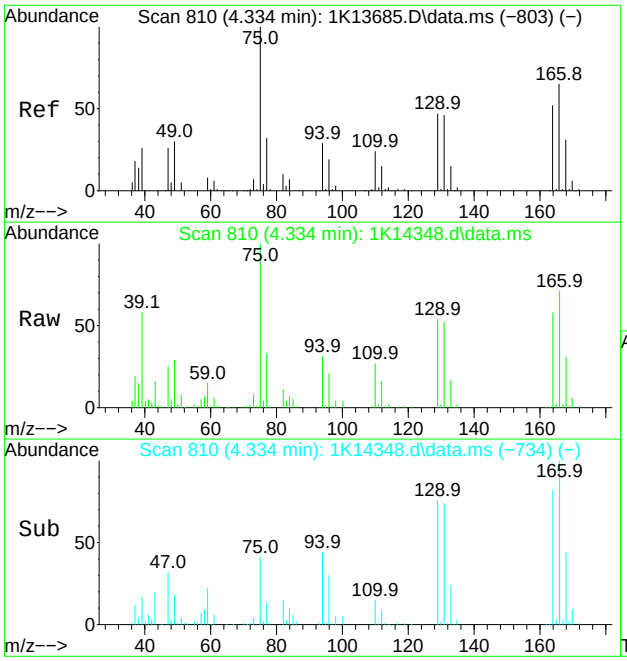


#77
1,1,2-trichloroethane
Concen: 17.9056 ug/L
RT: 4.444 min Scan# 831
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 83 Resp: 70671

Ion	Ratio	Lower	Upper
83	100		
97	119.1	95.4	135.4
85	64.2	45.4	85.4
61	75.5	58.8	98.8

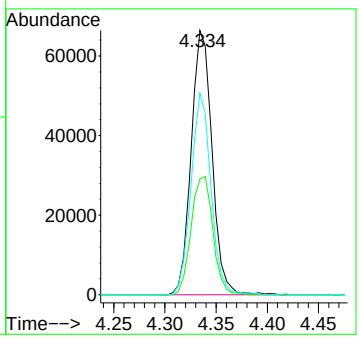


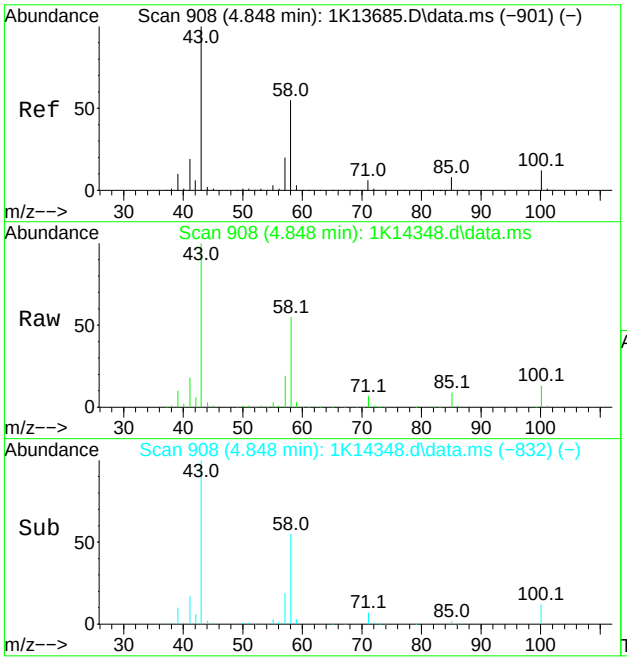


#78
tetrachloroethene
Concen: 17.3658 ug/L
RT: 4.334 min Scan# 810
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:166 Resp: 94523

Ion	Ratio	Lower	Upper
166	100		
168	43.8	17.2	77.2
129	76.3	42.2	102.2

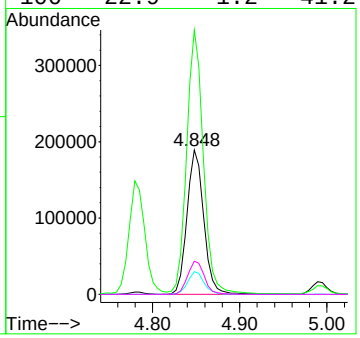


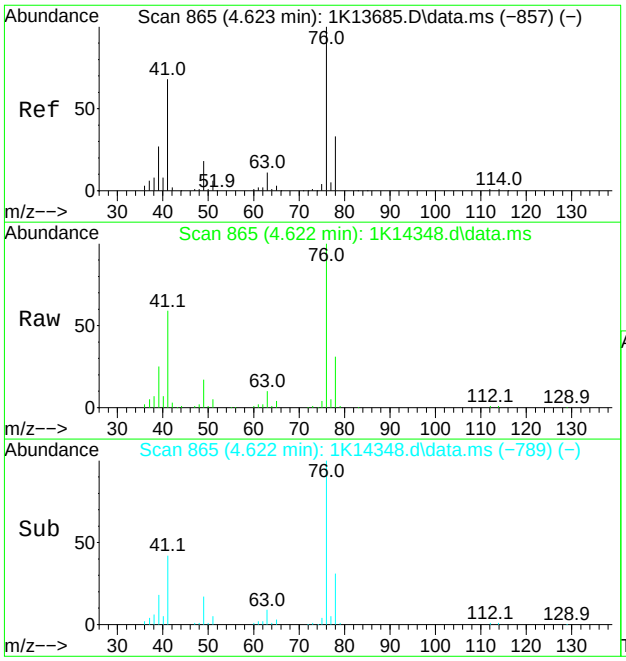


#79
2-hexanone
Concen: 68.9409 ug/L
RT: 4.848 min Scan# 908
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 58 Resp: 252797

Ion	Ratio	Lower	Upper
58	100		
43	182.6	162.0	202.0
85	15.7	0.0	34.2
100	22.9	1.2	41.2

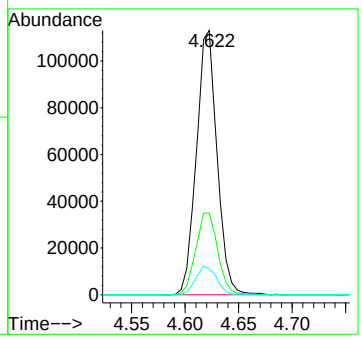


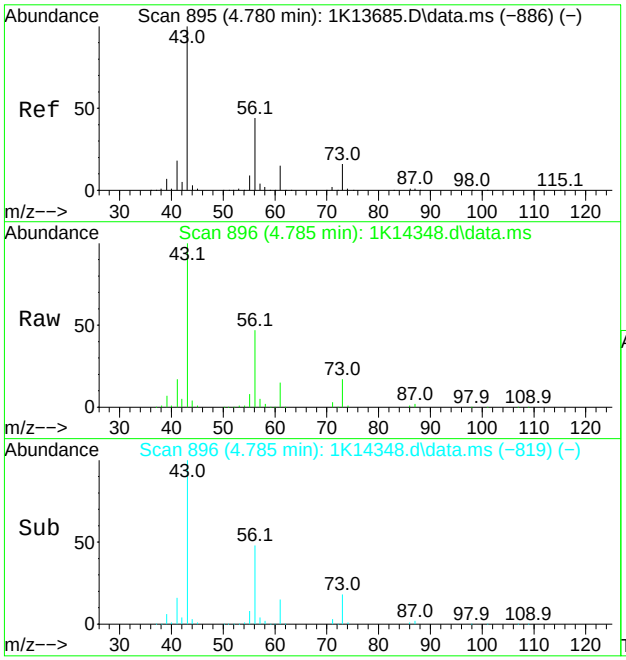


#80
1,3-dichloropropane
Concen: 17.5247 ug/L
RT: 4.622 min Scan# 865
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 76 Resp: 152053

Ion	Ratio	Lower	Upper
76	100		
78	31.0	3.0	63.0
63	9.8	0.0	40.8

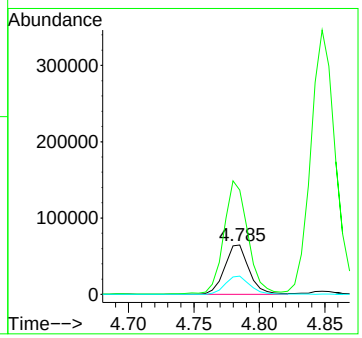


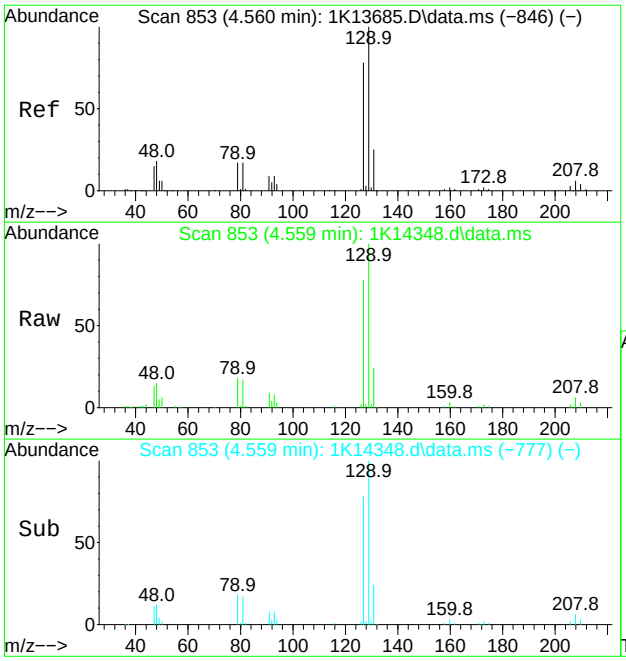


#81
butyl acetate
Concen: 17.0980 ug/L
RT: 4.785 min Scan# 896
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 56 Resp: 84692

Ion	Ratio	Lower	Upper
56	100		
43	211.0	198.9	258.9
73	36.9	7.7	67.7

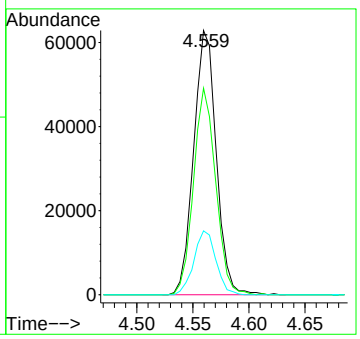


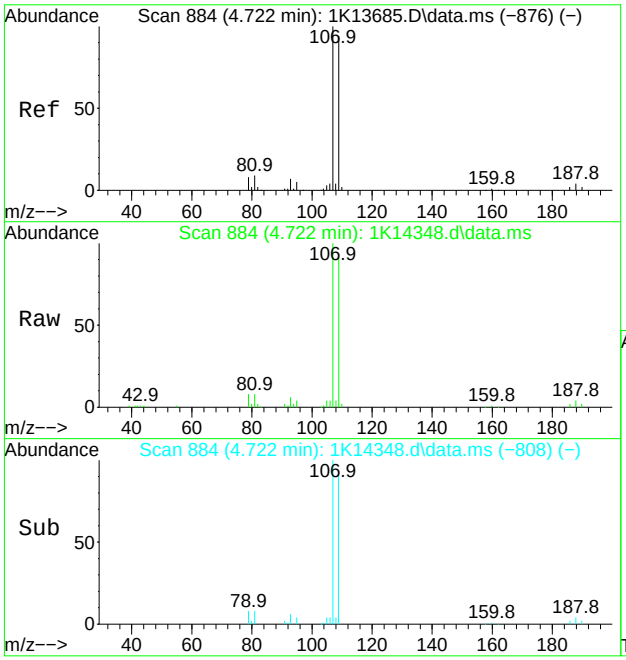


#82
dibromochloromethane
Concen: 18.3114 ug/L
RT: 4.559 min Scan# 853
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:129 Resp: 88147

Ion	Ratio	Lower	Upper
129	100		
127	78.2	48.2	108.2
131	24.2	0.0	54.9

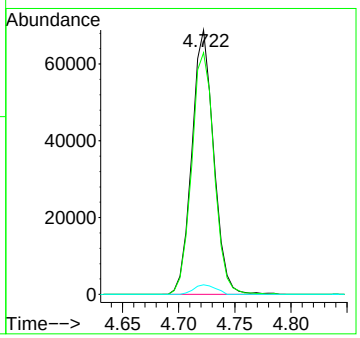


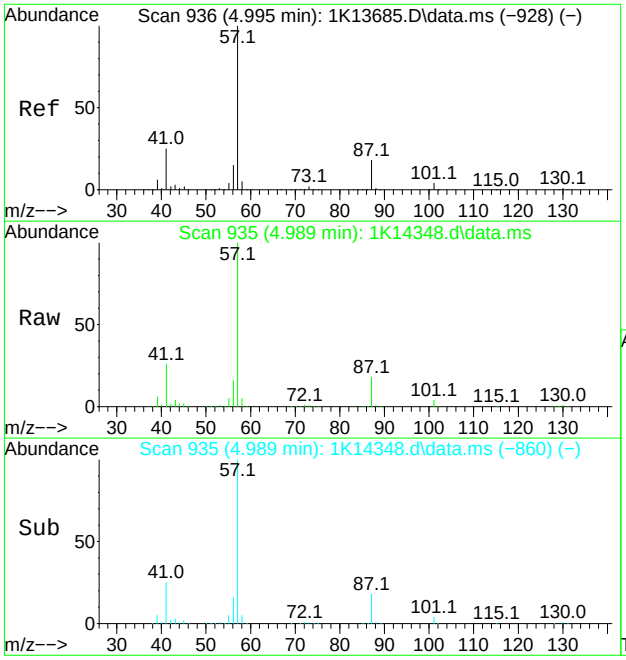


#83
1,2-dibromoethane
Concen: 18.6531 ug/L
RT: 4.722 min Scan# 884
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:107 Resp: 93256

Ion	Ratio	Lower	Upper
107	100		
109	91.4	64.1	124.1
188	3.6	0.0	33.9

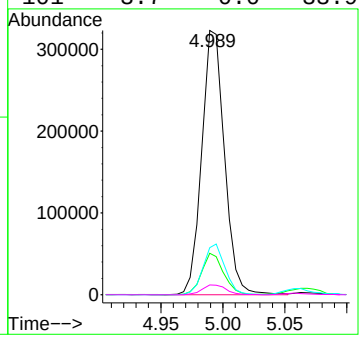


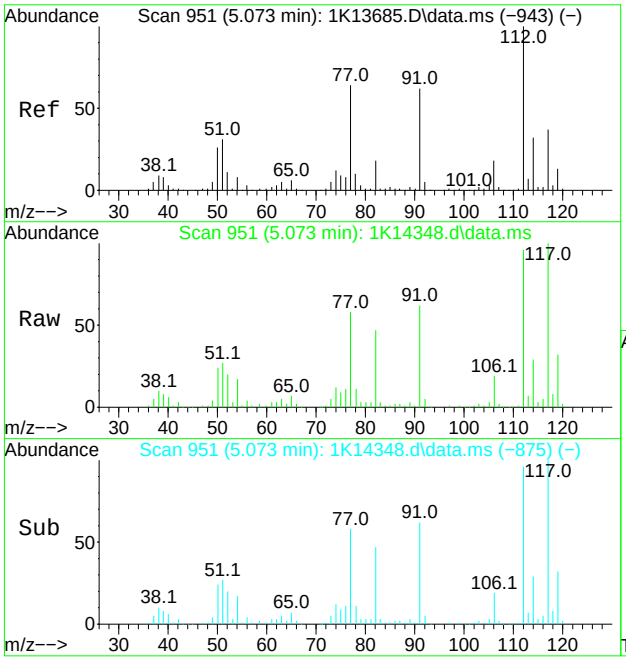


#84
n-butyl ether
Concen: 15.9352 ug/L
RT: 4.989 min Scan# 935
Delta R.T. -0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 57 Resp: 414205

Ion	Ratio	Lower	Upper
57	100		
56	15.7	0.0	44.5
87	17.8	0.0	47.6
101	3.7	0.0	33.9

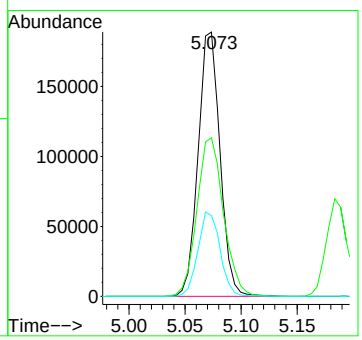


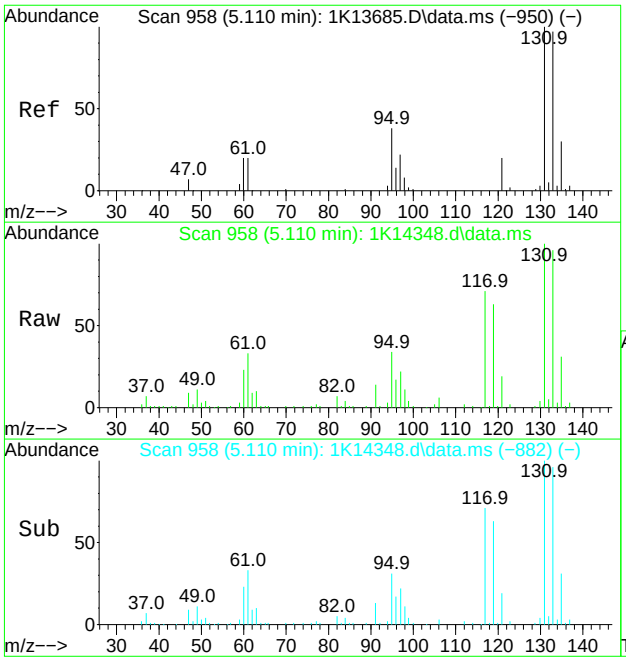


#85
chlorobenzene
Concen: 18.0892 ug/L
RT: 5.073 min Scan# 951
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:112 Resp: 258279

Ion	Ratio	Lower	Upper
112	100		
77	60.0	33.8	93.8
114	30.5	2.0	62.0

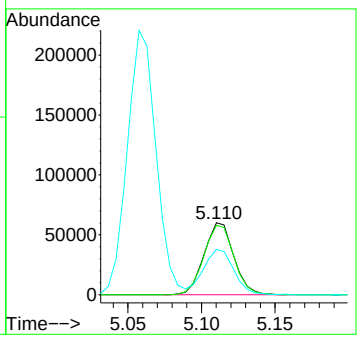


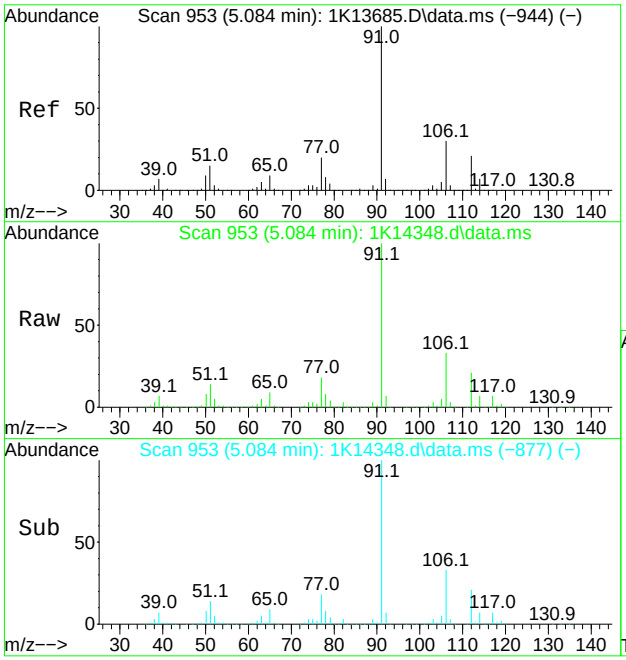


#86
1,1,1,2-tetrachloroethane
Concen: 17.9394 ug/L
RT: 5.110 min Scan# 958
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:131 Resp: 84536

Ion	Ratio	Lower	Upper
131	100		
133	96.3	67.0	127.0
119	62.2	34.4	94.4

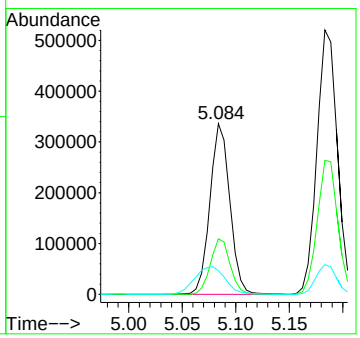


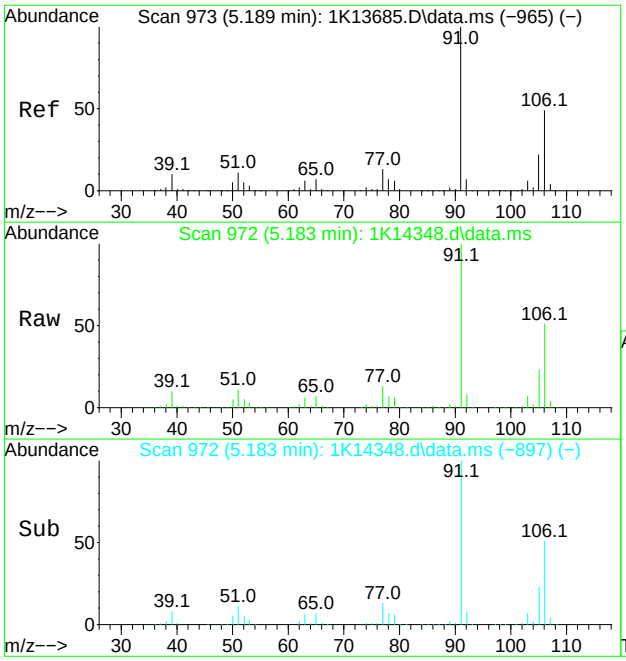


#87
ethylbenzene
Concen: 16.2369 ug/L
RT: 5.084 min Scan# 953
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 91 Resp: 435919

Ion	Ratio	Lower	Upper
91	100		
106	32.5	0.2	60.2
51	13.8	0.0	45.3

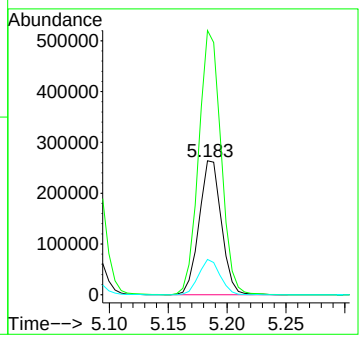


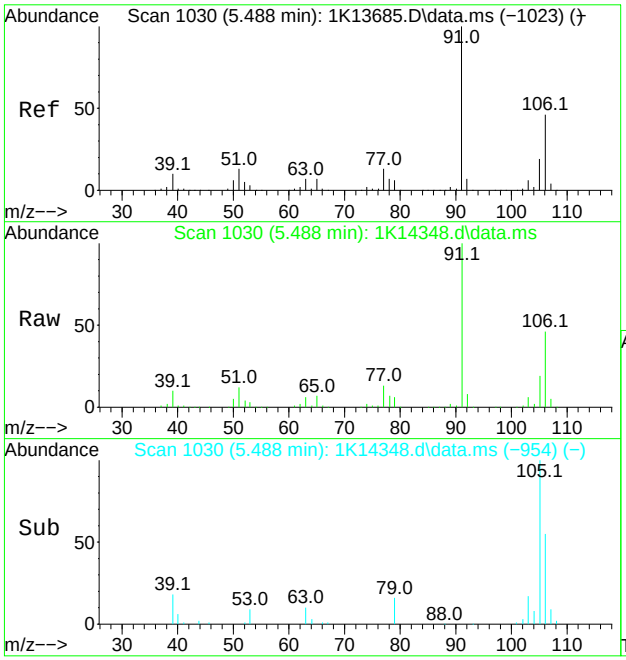


#88
m,p-xylene
Concen: 34.8476 ug/L
RT: 5.183 min Scan# 972
Delta R.T. -0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:106 Resp: 348837

Ion	Ratio	Lower	Upper
106	100		
91	197.4	172.8	232.8
77	26.4	5.8	45.8

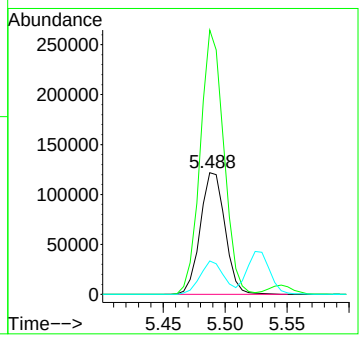


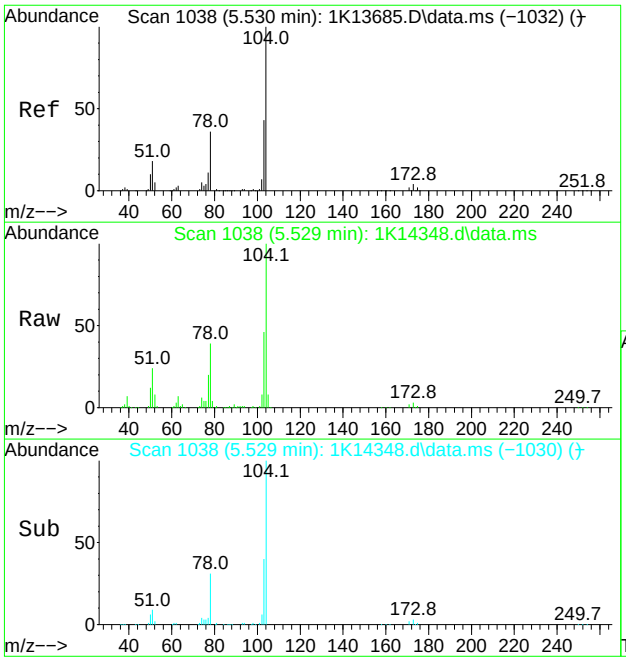


#89
o-xylene
Concen: 17.8340 ug/L
RT: 5.488 min Scan# 1030
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:106 Resp: 169707

Ion	Ratio	Lower	Upper
106	100		
91	217.4	186.3	246.3
77	27.5	7.1	47.1

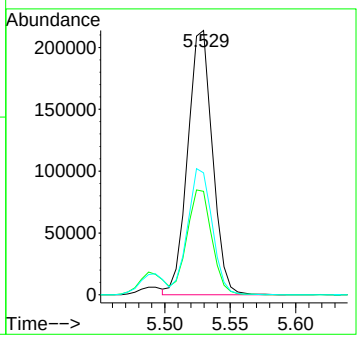


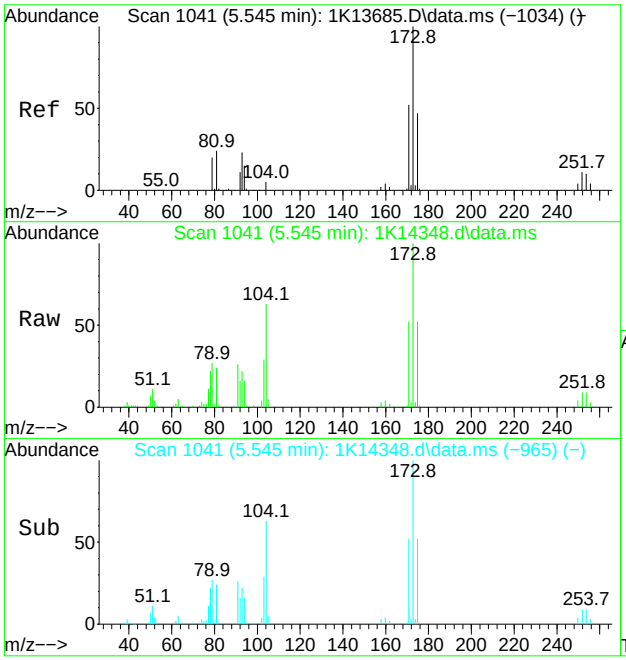


#90
styrene
Concen: 17.9917 ug/L
RT: 5.529 min Scan# 1038
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:104 Resp: 281963

Ion	Ratio	Lower	Upper
104	100		
78	39.1	10.4	70.4
103	46.2	17.6	77.6

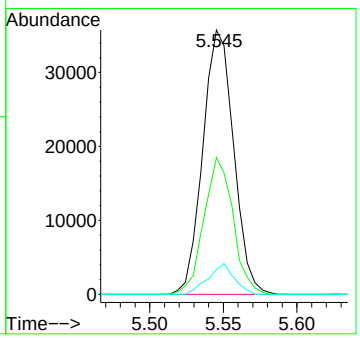


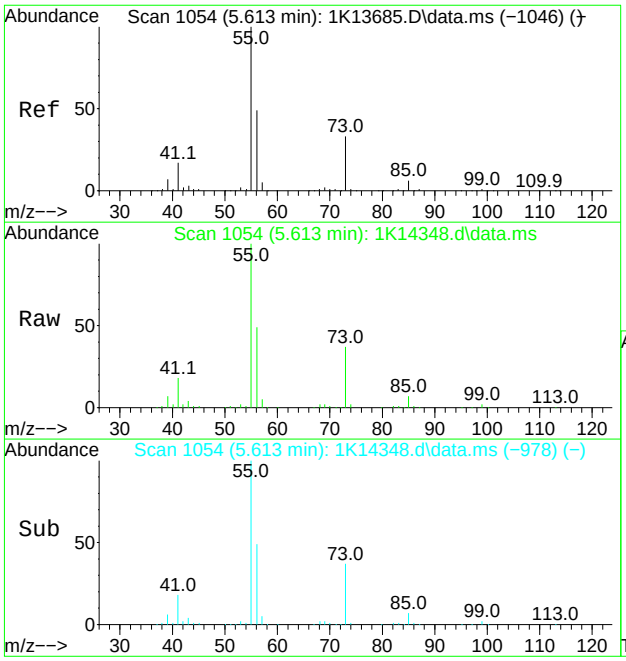


#91
bromoform
Concen: 15.3505 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:173 Resp: 52030

Ion	Ratio	Lower	Upper
173	100		
175	51.8	17.2	77.2
254	9.4	0.0	39.9

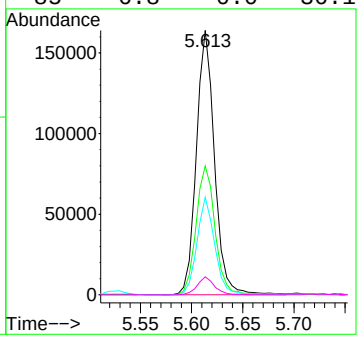


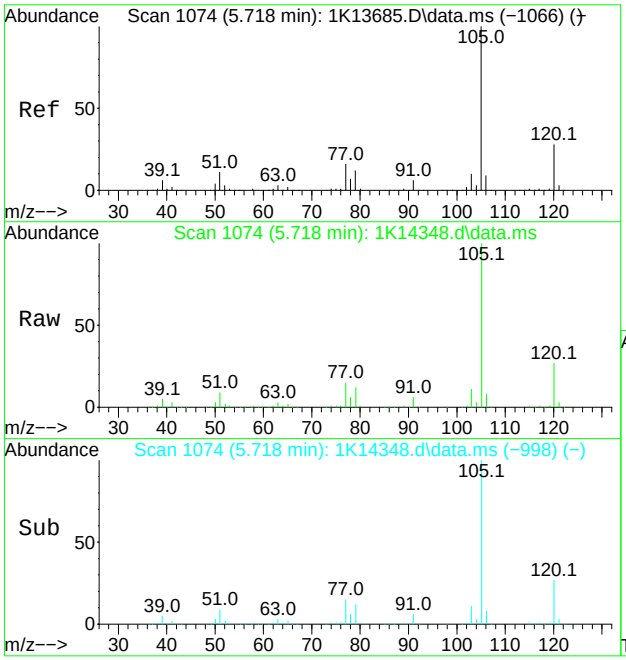


#92
butyl acrylate
Concen: 15.5025 ug/L
RT: 5.613 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 55 Resp: 203452

Ion	Ratio	Lower	Upper
55	100		
56	48.8	19.4	79.4
73	36.9	3.4	63.4
85	6.8	0.0	36.1

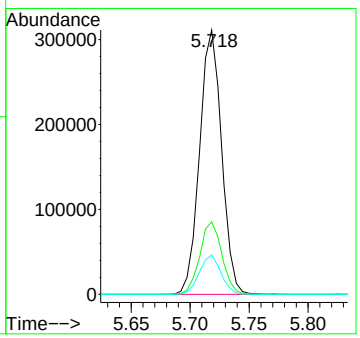


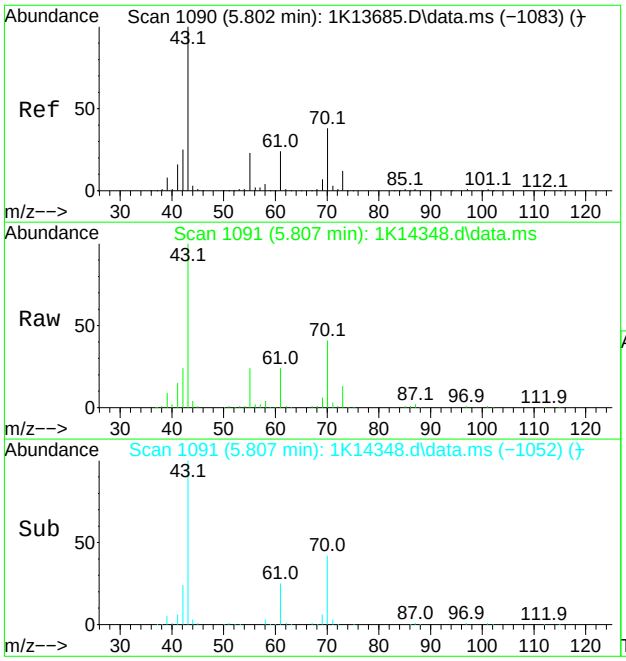


#93
isopropylbenzene
Concen: 17.8165 ug/L
RT: 5.718 min Scan# 1074
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:105 Resp: 404838

Ion	Ratio	Lower	Upper
105	100		
120	27.4	7.6	47.6
77	14.9	0.0	35.6

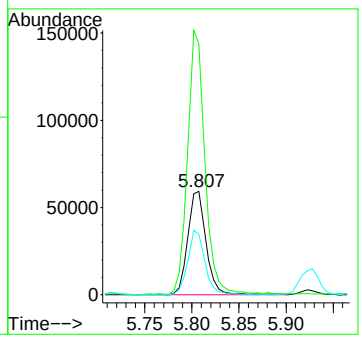


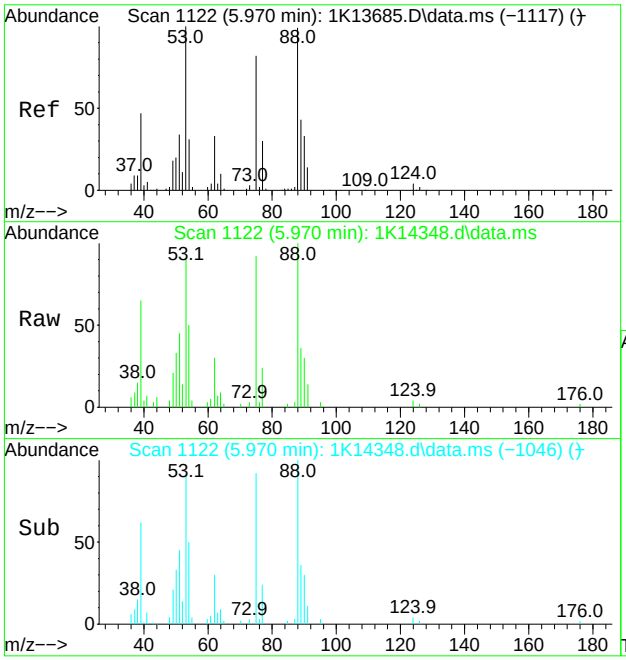


#94
n-amyl acetate
Concen: 17.0681 ug/L
RT: 5.807 min Scan# 1091
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 70 Resp: 80558

Ion	Ratio	Lower	Upper
70	100		
43	242.3	241.4	281.4
61	58.6	43.1	83.1

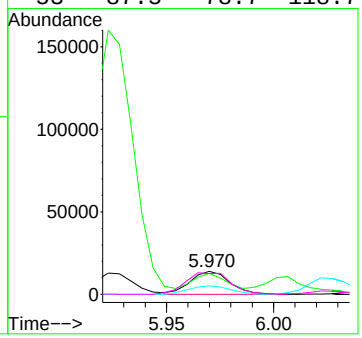


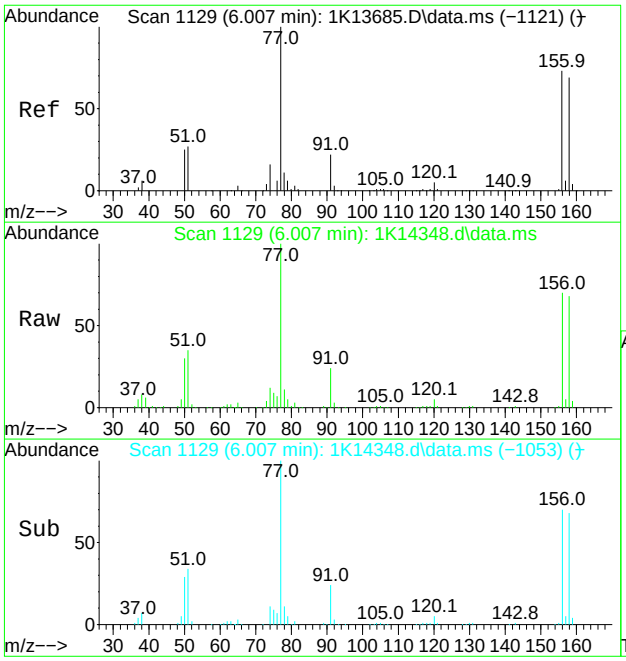


#95
cis-1,4-dichloro-2-butene
Concen: 6.3430 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 88 Resp: 17890

Ion	Ratio	Lower	Upper
88	100		
75	56.4	61.4	101.4#
89	36.1	22.1	62.1
53	87.5	78.7	118.7

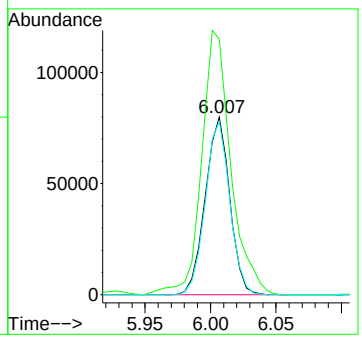


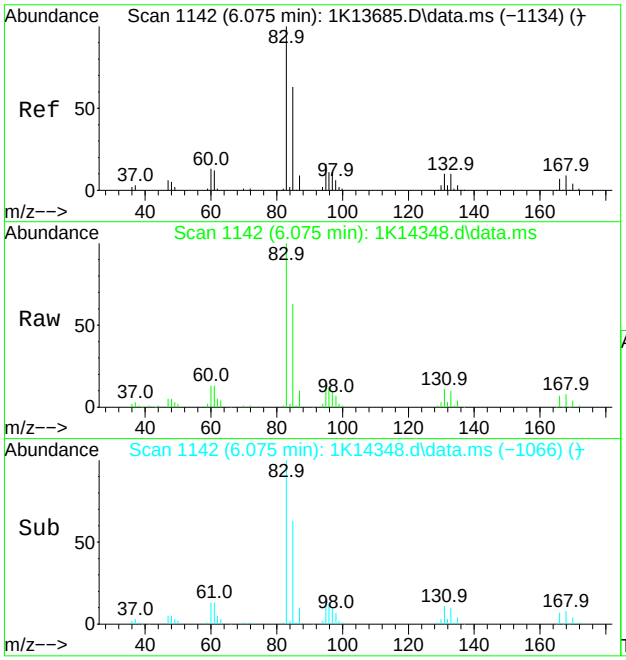


#98
bromobenzene
Concen: 18.0319 ug/L
RT: 6.007 min Scan# 1129
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:156 Resp: 104522

Ion	Ratio	Lower	Upper
156	100		
77	143.7	121.4	181.4
158	97.2	64.8	124.8

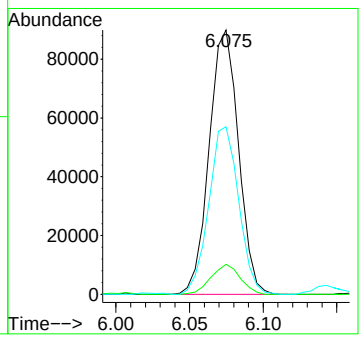


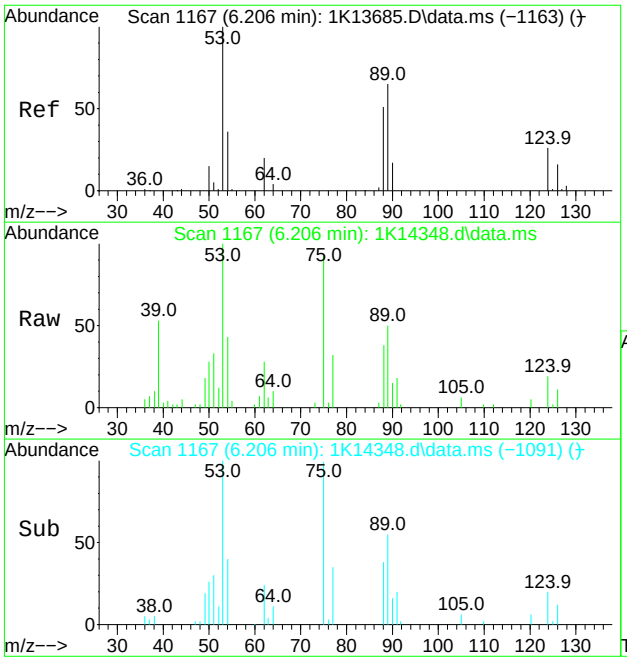


#99
1,1,2,2-tetrachloroethane
Concen: 18.7879 ug/L
RT: 6.075 min Scan# 1142
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 83 Resp: 124487

Ion	Ratio	Lower	Upper
83	100		
131	11.4	0.0	40.4
85	63.4	33.3	93.3

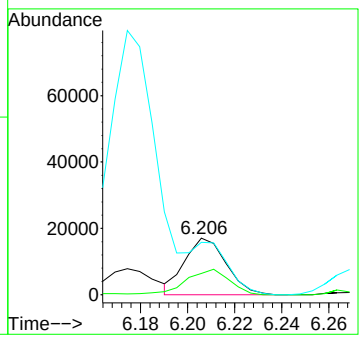


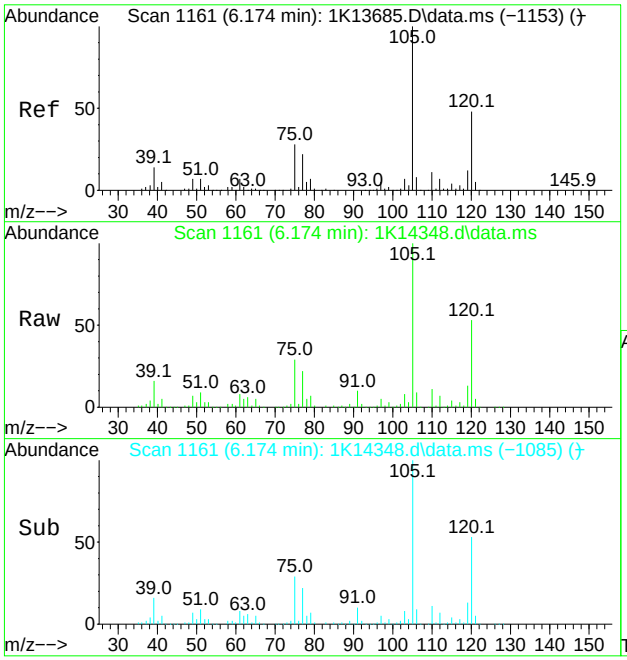


#100
trans-1,4-dichloro-2-butene
Concen: 7.7585 ug/L
RT: 6.206 min Scan# 1167
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 53 Resp: 20971

Ion	Ratio	Lower	Upper
53	100		
88	37.6	15.0	75.0
75	92.8	88.4	148.4

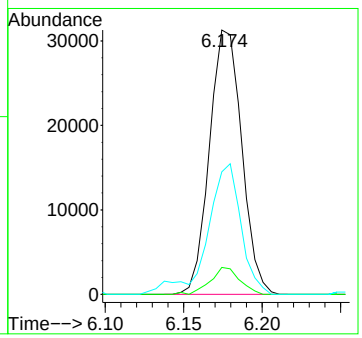


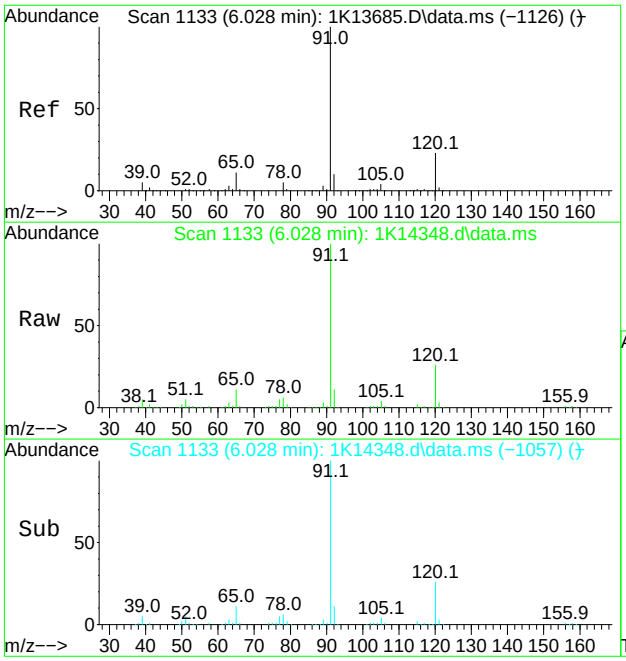


#101
1,2,3-trichloropropane
Concen: 20.2909 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:110 Resp: 44855

Ion	Ratio	Lower	Upper
110	100		
111	10.2	0.0	40.4
97	46.3	19.6	79.6

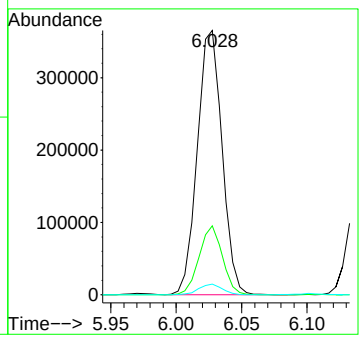


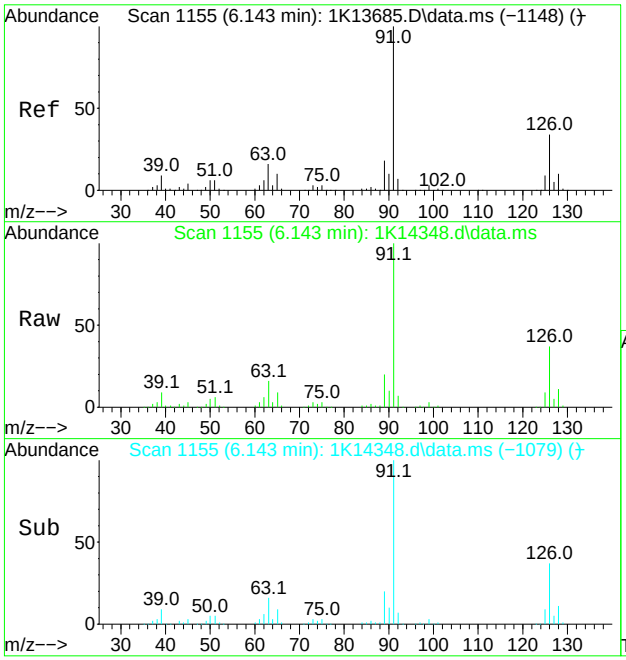


#102
n-propylbenzene
Concen: 17.2648 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 91 Resp: 481561

Ion	Ratio	Lower	Upper
91	100		
120	26.0	0.0	53.1
105	4.0	0.0	33.8

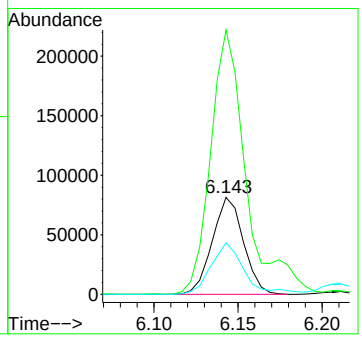


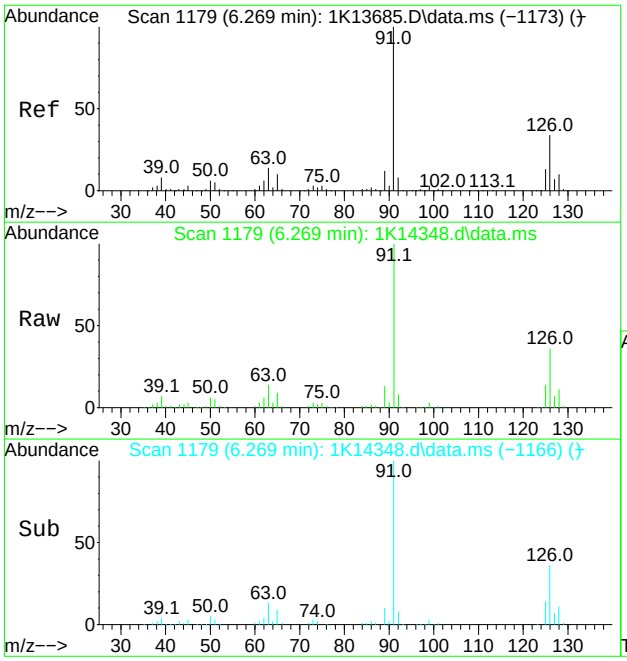


#103
2-chlorotoluene
Concen: 19.3770 ug/L
RT: 6.143 min Scan# 1155
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:126 Resp: 105167

Ion	Ratio	Lower	Upper
126	100		
91	272.9	265.3	325.3
89	53.4	24.5	84.5

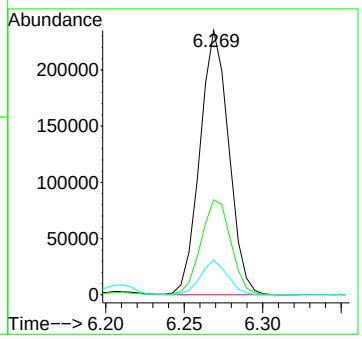


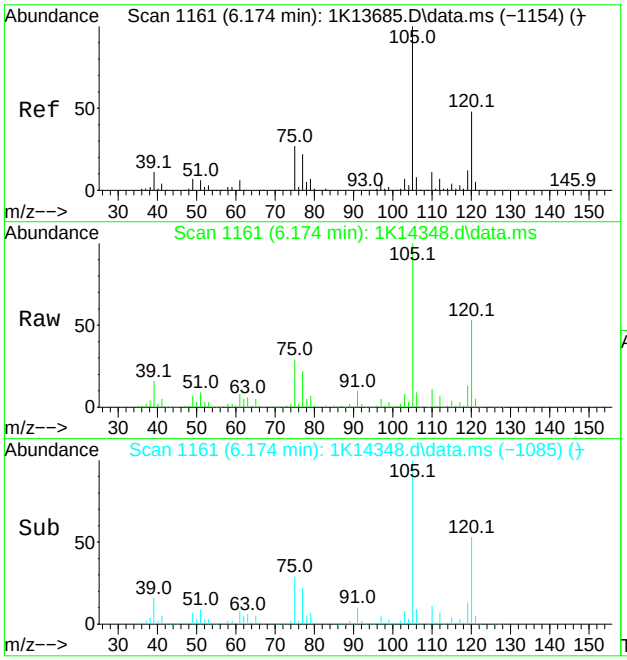


#104
4-chlorotoluene
Concen: 17.0677 ug/L
RT: 6.269 min Scan# 1179
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 91 Resp: 301562

Ion	Ratio	Lower	Upper
91	100		
126	35.9	3.8	63.8
89	13.2	0.0	41.7

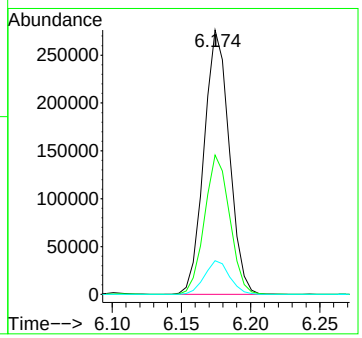


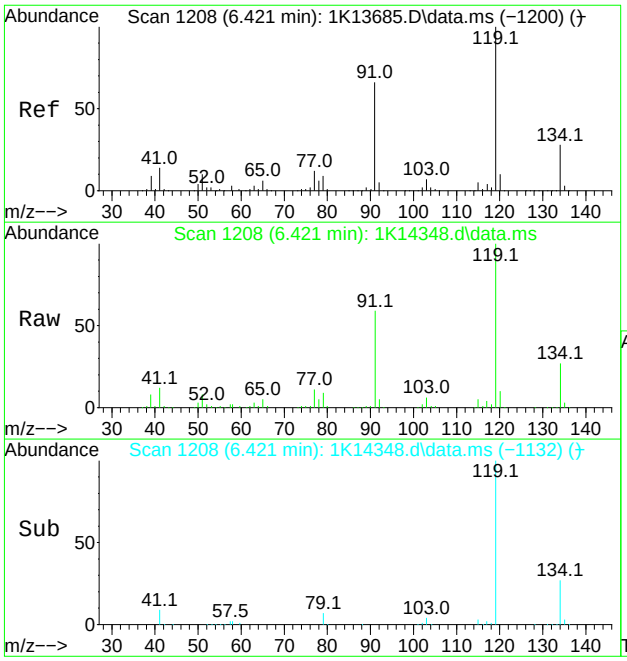


#105
1,3,5-trimethylbenzene
Concen: 18.2755 ug/L
RT: 6.174 min Scan# 1161
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:105 Resp: 348828

Ion	Ratio	Lower	Upper
105	100		
120	52.7	18.3	78.3
119	12.7	0.0	42.2

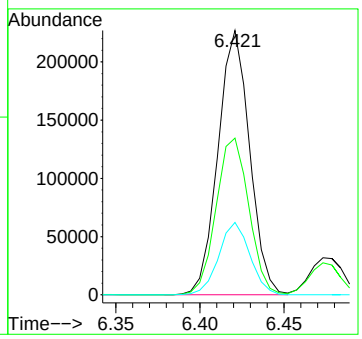


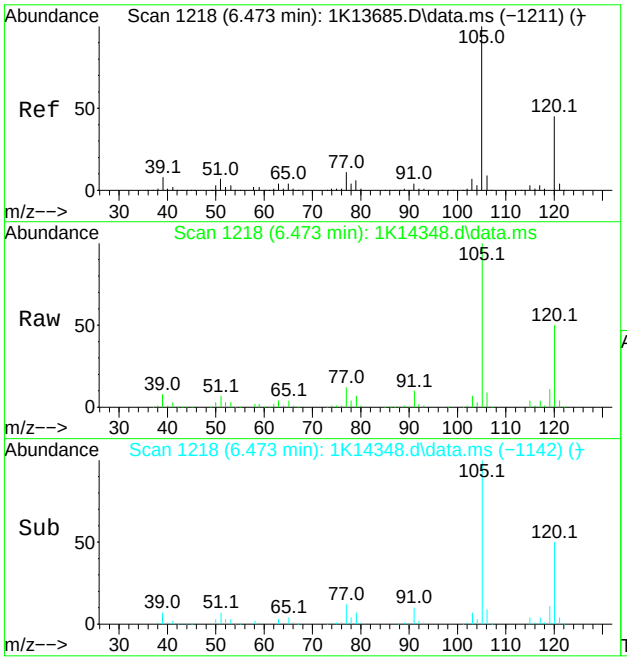


#106
tert-butylbenzene
Concen: 18.6084 ug/L
RT: 6.421 min Scan# 1208
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:119 Resp: 297791

Ion	Ratio	Lower	Upper
119	100		
91	59.3	36.3	96.3
134	27.3	0.0	57.5

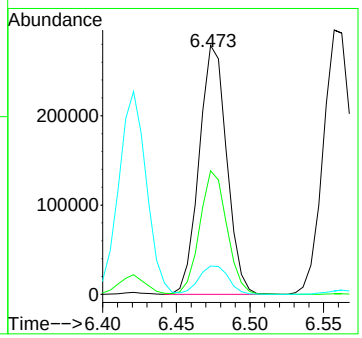


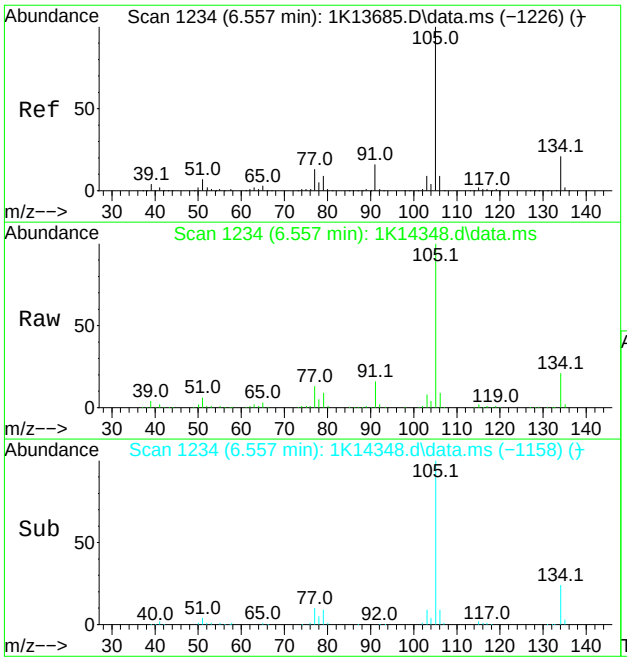


#107
1,2,4-trimethylbenzene
Concen: 18.2654 ug/L
RT: 6.473 min Scan# 1218
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:105 Resp: 362342

Ion	Ratio	Lower	Upper
105	100		
120	49.7	16.6	76.6
119	11.4	0.0	41.7

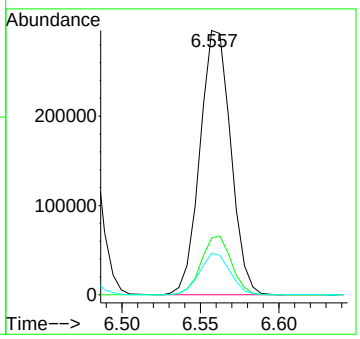


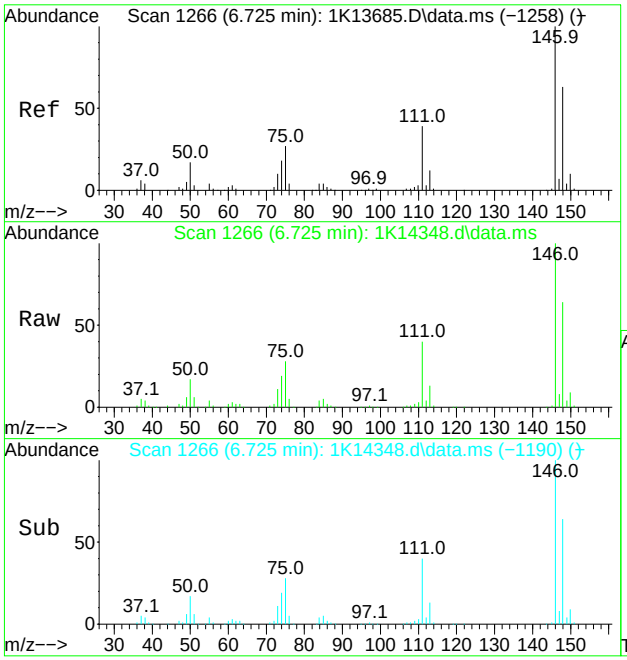


#108
sec-butylbenzene
Concen: 17.8871 ug/L
RT: 6.557 min Scan# 1234
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:105 Resp: 404210

Ion	Ratio	Lower	Upper
105	100		
134	21.4	0.0	50.7
91	15.7	0.0	45.7

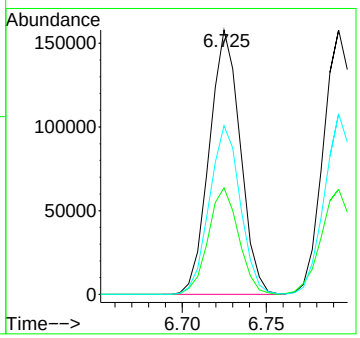


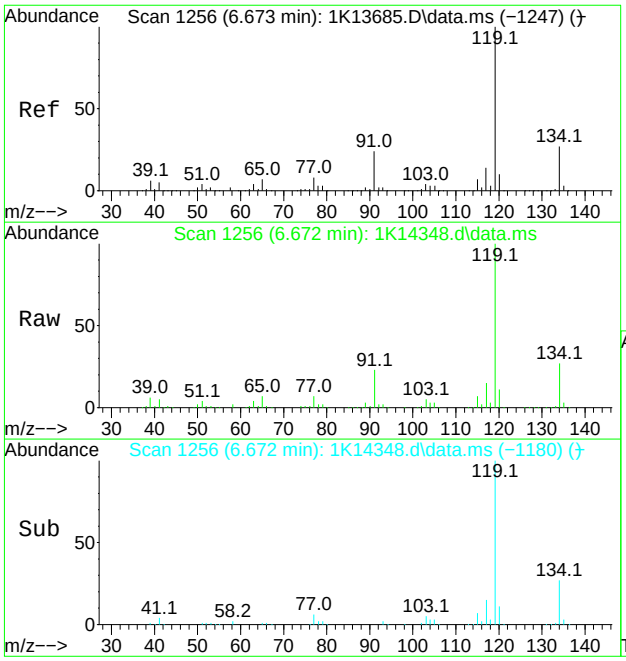


#109
1,3-dichlorobenzene
Concen: 18.0349 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:146 Resp: 202796

Ion	Ratio	Lower	Upper
146	100		
111	40.3	8.8	68.8
148	63.8	33.3	93.3

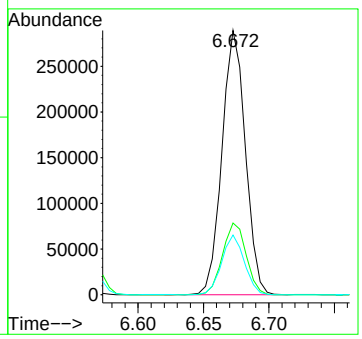


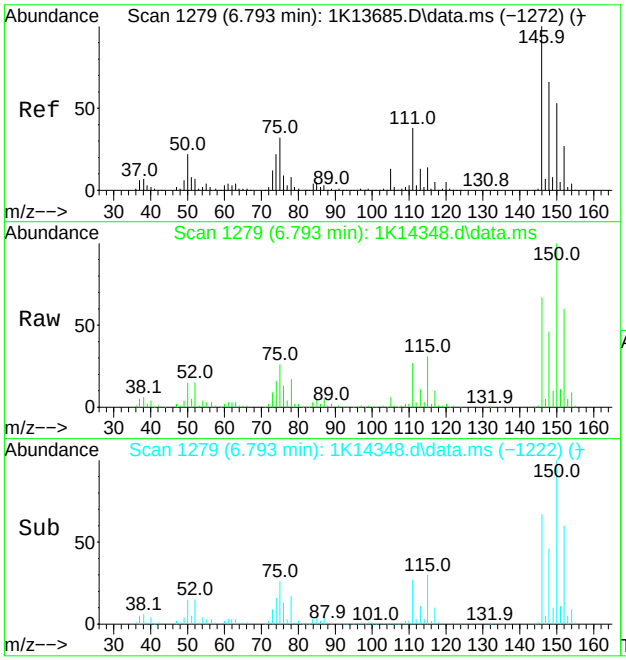


#110
p-isopropyltoluene
Concen: 18.8500 ug/L
RT: 6.672 min Scan# 1256
Delta R.T. -0.001 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:119 Resp: 360729

Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	57.5
91	22.6	0.0	53.9

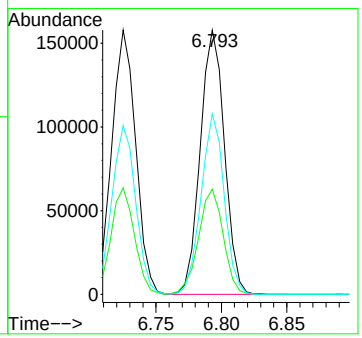


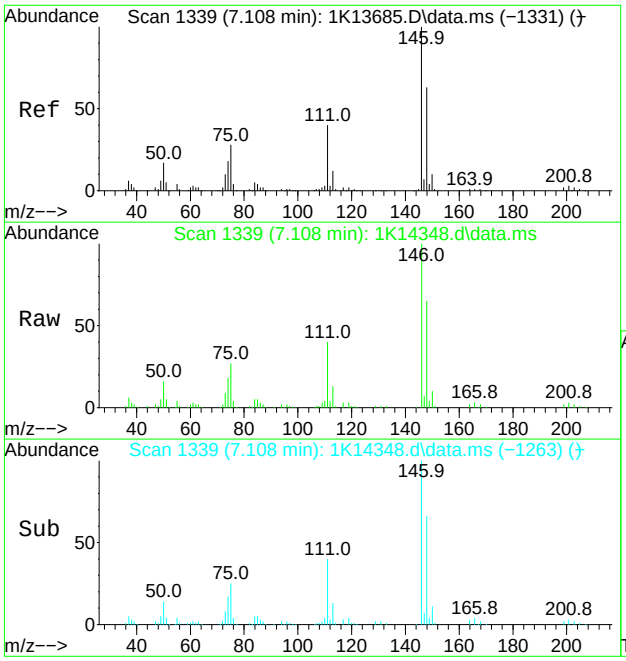


#111
1,4-dichlorobenzene
Concen: 17.9351 ug/L
RT: 6.793 min Scan# 1279
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:146 Resp: 203687

Ion	Ratio	Lower	Upper
146	100		
111	39.7	7.8	67.8
148	68.3	35.5	95.5

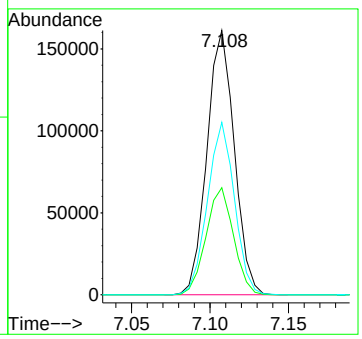


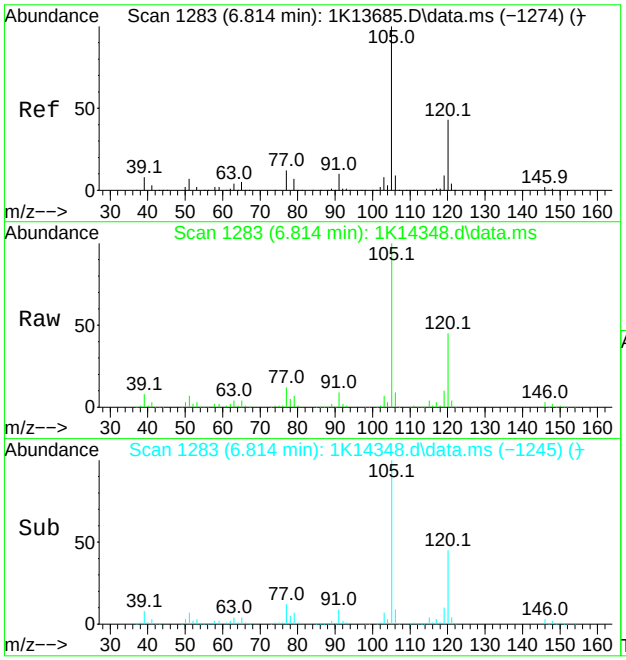


#112
1,2-dichlorobenzene
Concen: 18.3955 ug/L
RT: 7.108 min Scan# 1339
Delta R.T. -0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:146 Resp: 196047

Ion	Ratio	Lower	Upper
146	100		
111	40.5	9.5	69.5
148	65.2	32.9	92.9

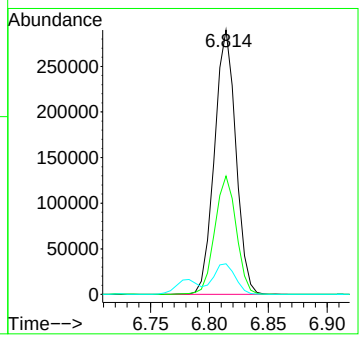


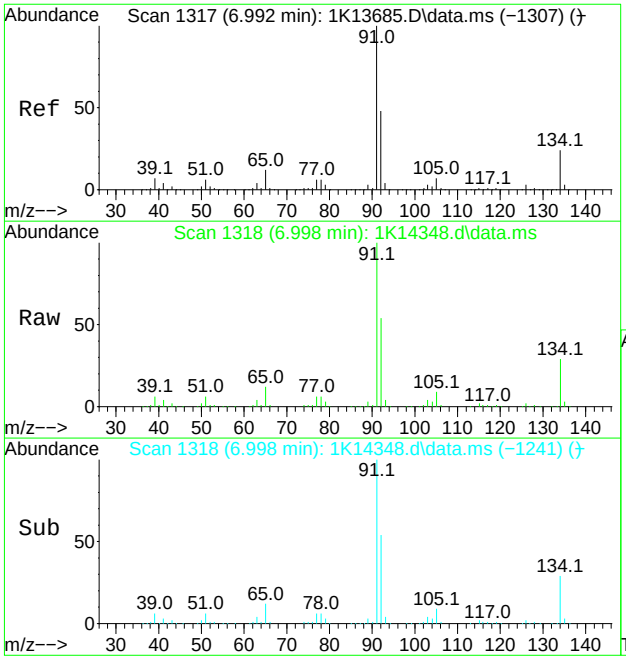


#113
1,2,3-trimethylbenzene
Concen: 17.9484 ug/L
RT: 6.814 min Scan# 1283
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:105 Resp: 365443

Ion	Ratio	Lower	Upper
105	100		
120	44.7	13.3	73.3
77	11.6	0.0	42.2

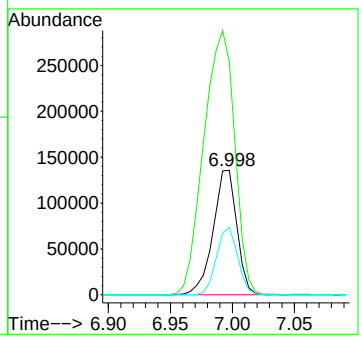


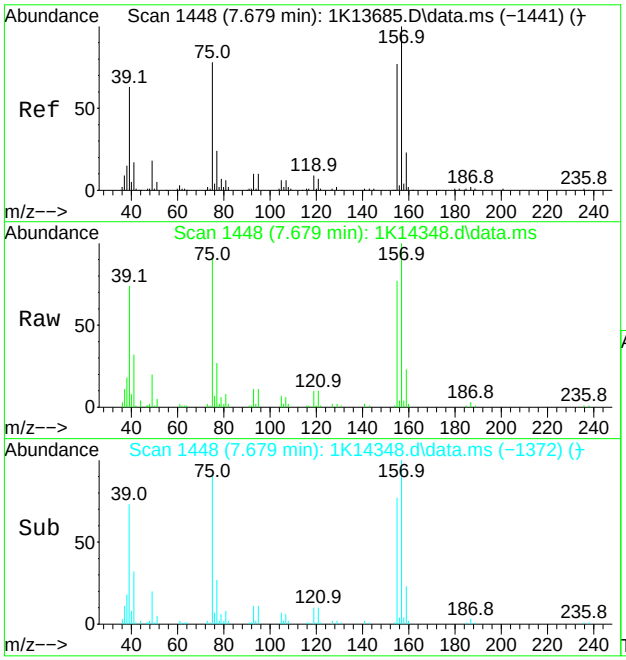


#114
n-butylbenzene
Concen: 17.6609 ug/L
RT: 6.998 min Scan# 1318
Delta R.T. 0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion: 92 Resp: 180167

Ion	Ratio	Lower	Upper
92	100		
91	186.8	176.9	236.9
134	54.2	18.8	78.8

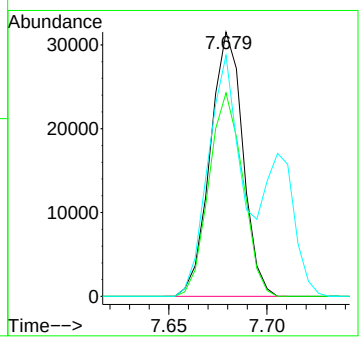


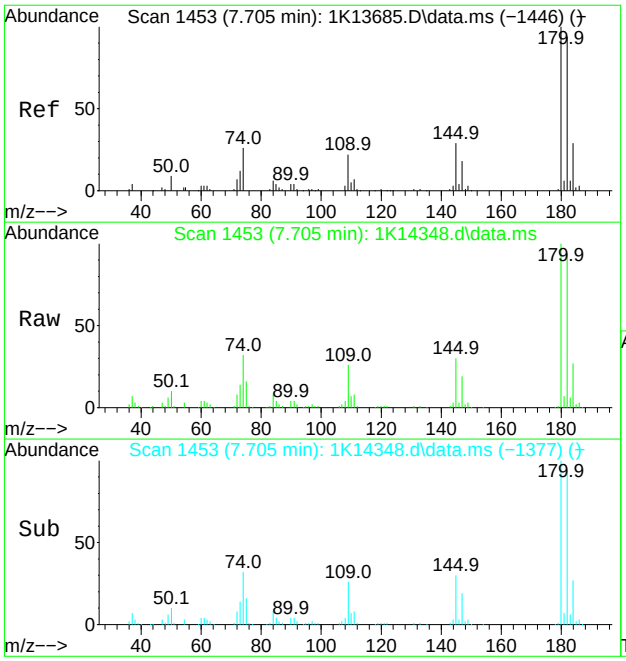


#115
1,2-dibromo-3-chloropropane
Concen: 16.6426 ug/L
RT: 7.679 min Scan# 1448
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:157 Resp: 36537

Ion	Ratio	Lower	Upper
157	100		
155	77.0	47.4	107.4
75	91.1	47.7	107.7

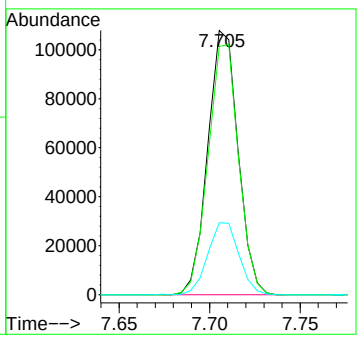


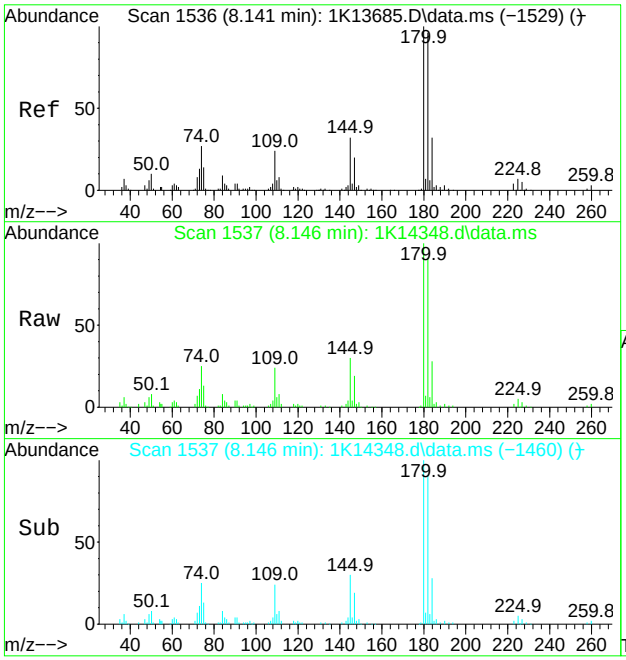


#116
1,3,5-trichlorobenzene
Concen: 17.7593 ug/L
RT: 7.705 min Scan# 1453
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:180 Resp: 125169

Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.2	114.2
184	27.3	9.3	49.3

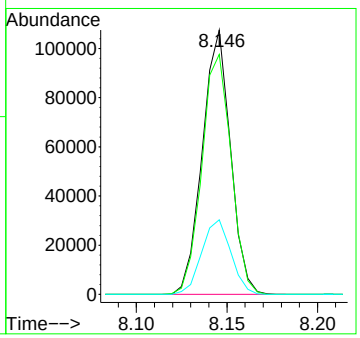


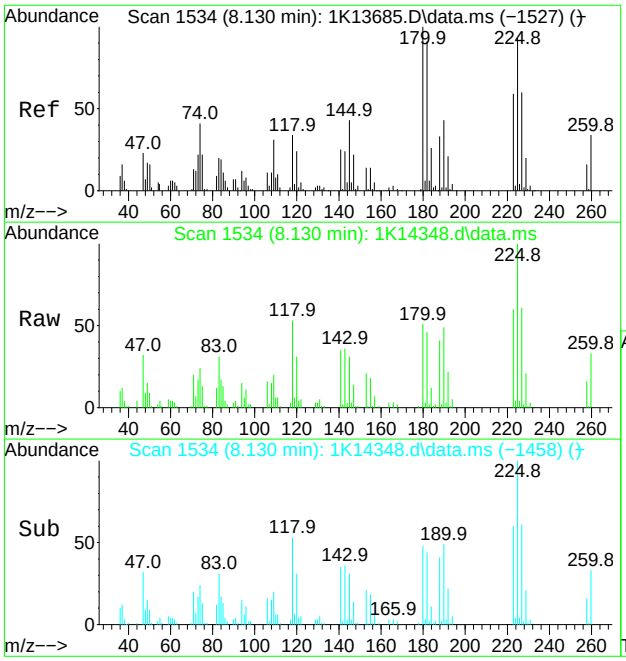


#117
1,2,4-trichlorobenzene
Concen: 18.1642 ug/L
RT: 8.146 min Scan# 1537
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:180 Resp: 115772

Ion	Ratio	Lower	Upper
180	100		
182	90.7	66.2	126.2
184	28.2	1.6	61.6

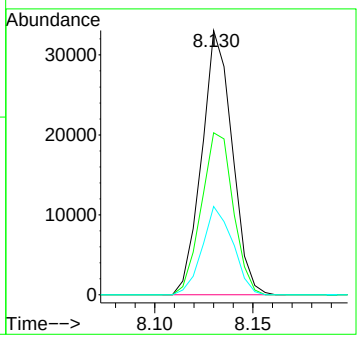


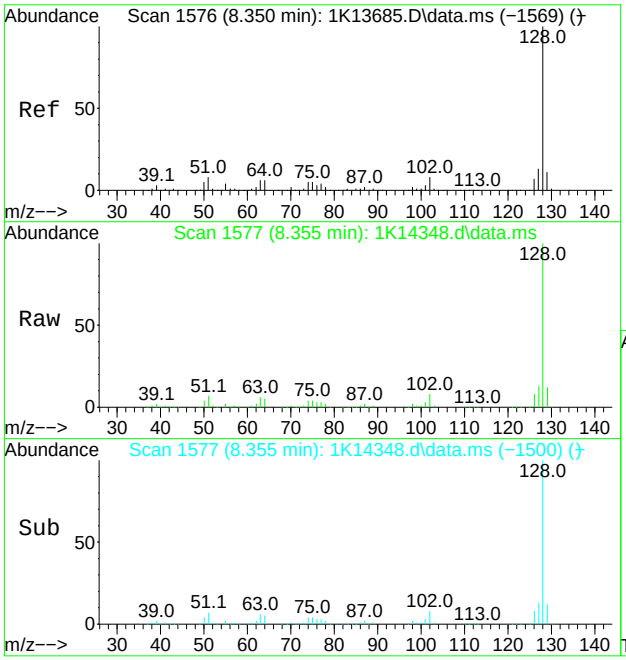


#118
hexachlorobutadiene
Concen: 16.0266 ug/L
RT: 8.130 min Scan# 1534
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:225 Resp: 35678

Ion	Ratio	Lower	Upper
225	100		
227	61.3	34.0	94.0
260	33.4	6.4	66.4

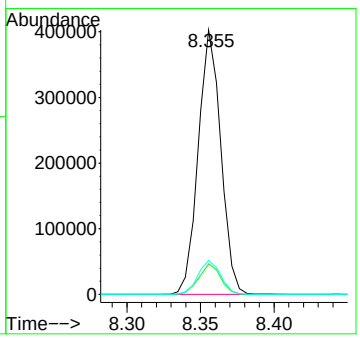


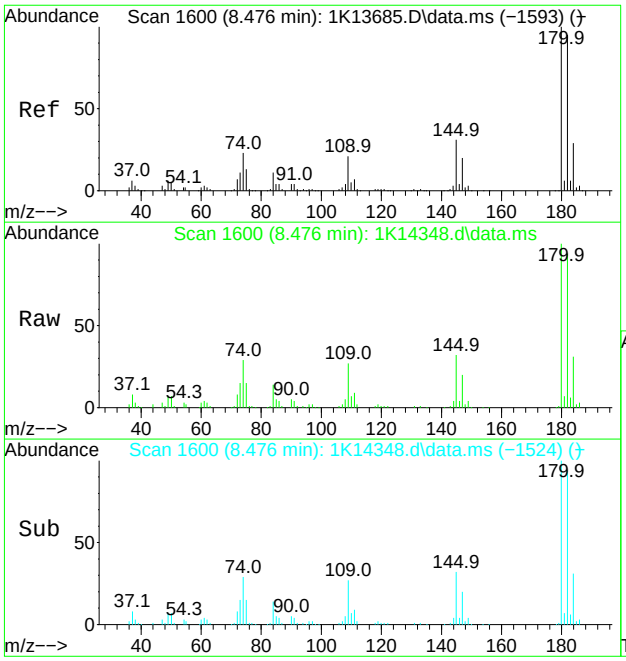


#119
naphthalene
Concen: 19.2022 ug/L
RT: 8.355 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:128 Resp: 427874

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	40.7
127	12.9	0.0	42.5

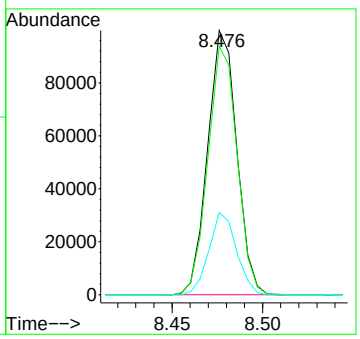


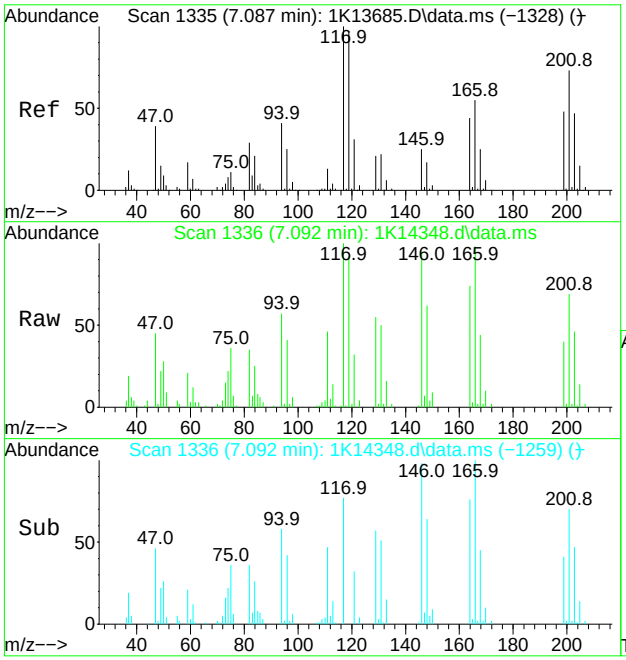


#120
1,2,3-trichlorobenzene
Concen: 18.6390 ug/L
RT: 8.476 min Scan# 1600
Delta R.T. 0.000 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:180 Resp: 110884

Ion	Ratio	Lower	Upper
180	100		
182	94.1	64.7	124.7
184	31.2	0.0	59.2

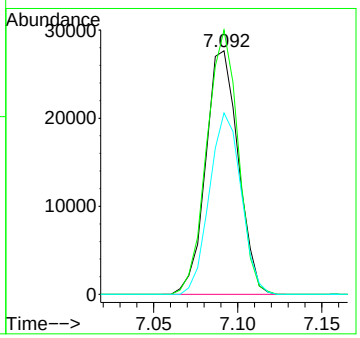


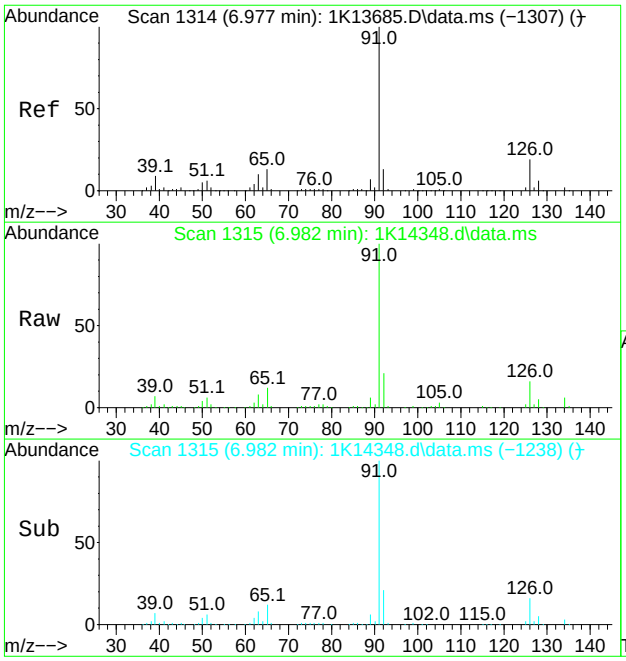


#121
hexachloroethane
Concen: 13.8716 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:119 Resp: 37275

Ion	Ratio	Lower	Upper
119	100		
117	108.6	73.4	133.4
201	74.5	45.3	105.3

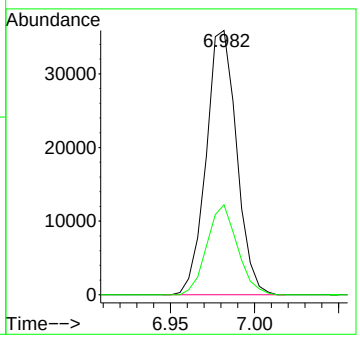


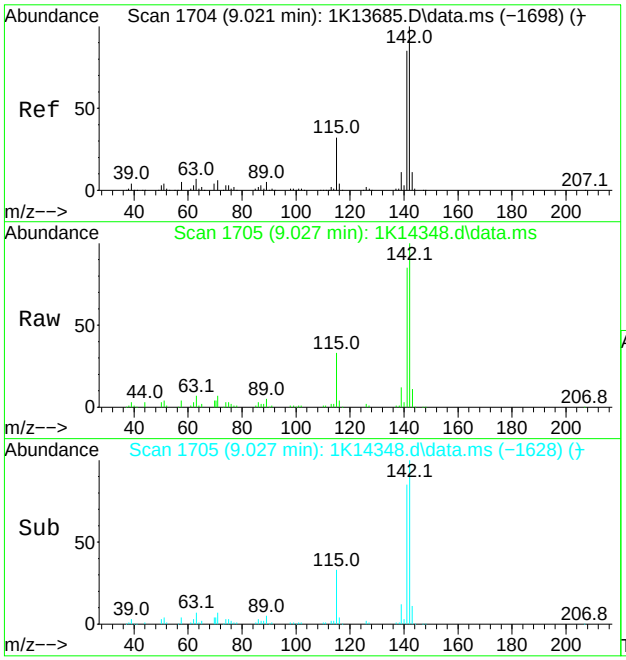


#122
benzyl chloride
Concen: 15.1573 ug/L
RT: 6.982 min Scan# 1315
Delta R.T. 0.005 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:126 Resp: 45232

Ion	Ratio	Lower	Upper
126	100		
128	34.0	2.6	62.6

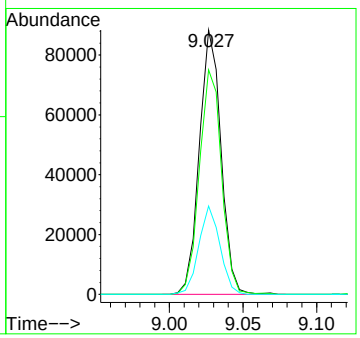




#123
2-methylnaphthalene
Concen: 9.9111 ug/L
RT: 9.027 min Scan# 1705
Delta R.T. 0.006 min
Lab File: 1K14348.d
Acq: 20 Dec 2023 9:38 am

Tgt Ion:142 Resp: 90530

Ion	Ratio	Lower	Upper
142	100		
141	84.9	55.2	115.2
115	33.4	1.8	61.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14350.d
Acq On : 20 Dec 2023 10:25 am
Operator : louied
Sample : cc376-1 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 01:34:32 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

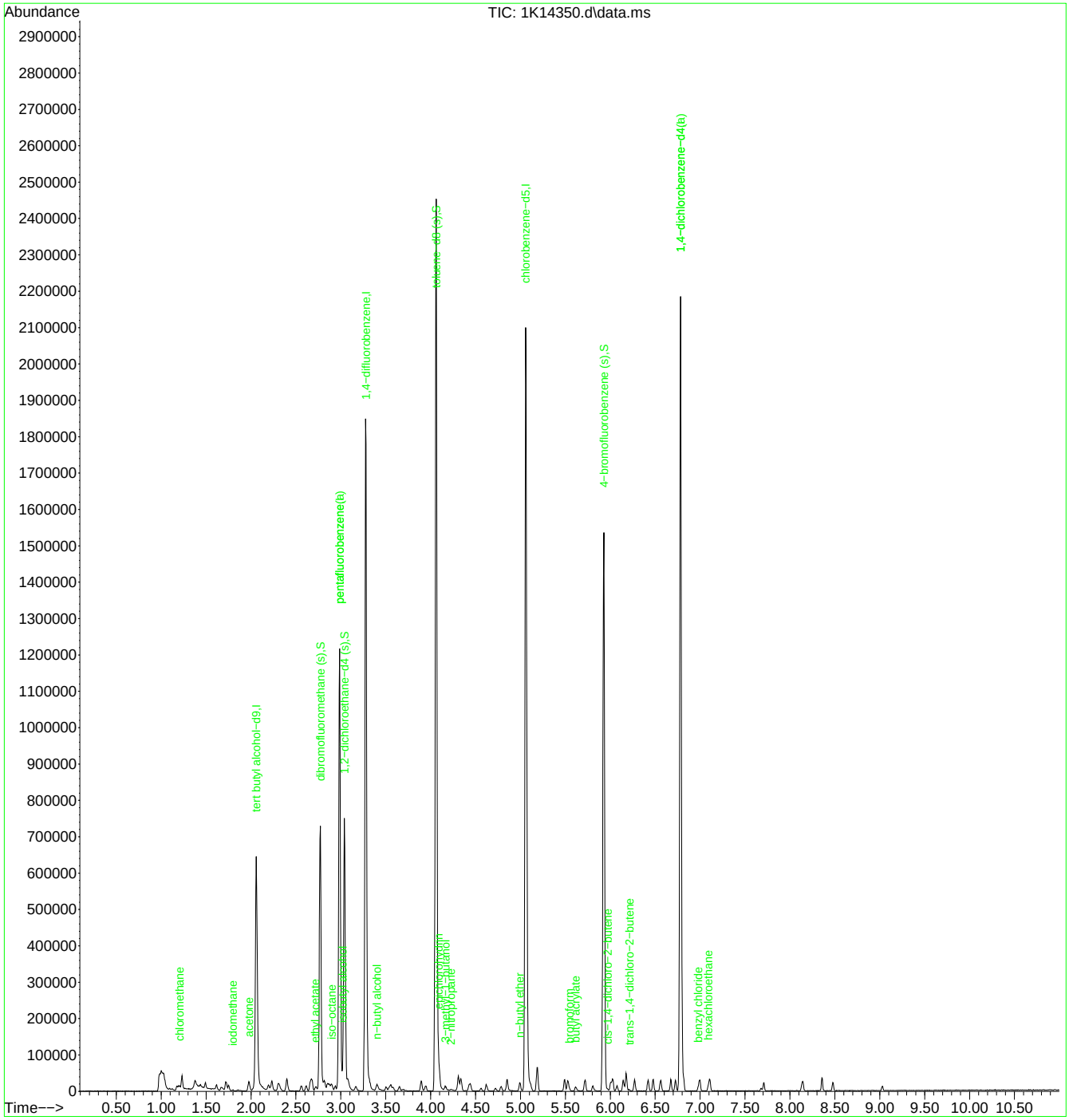
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.059	65	476297	500.00	ug/L	0.00
5) pentafluorobenzene	2.987	168	545555	50.00	ug/L	0.00
50) 1,4-difluorobenzene	3.280	114	1063532	50.00	ug/L	0.00
72) chlorobenzene-d5	5.058	117	922119	50.00	ug/L	0.00
96) 1,4-dichlorobenzene-d4	6.783	152	438606	50.00	ug/L	0.00
124) pentafluorobenzene(a)	2.987	168	545555	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	6.783	152	438606	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	2.772	113	298277	54.06	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 108.12%			
51) 1,2-dichloroethane-d4 (s)	3.039	65	347437	50.62	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 101.24%			
73) toluene-d8 (s)	4.062	98	1224199	48.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.78%			
97) 4-bromofluorobenzene (s)	5.928	95	427706	49.43	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.86%			
Target Compounds						Qvalue
8) chloromethane	1.204	50	4132	0.8631	ug/L	89
18) acetone	1.975	58	3072	2.8606	ug/L #	74
20) iodomethane	1.797	142	1720	2.2427	ug/L	80
34) ethyl acetate	2.714	70	668	0.8799	ug/L #	69
48) isobutyl alcohol	3.018	43	5366	5.3815	ug/L #	52
52) iso-octane	2.898	57	11446	0.7023	ug/L	96
58) n-butyl alcohol	3.401	56	8733	21.5196	ug/L	82
61) 2-nitropropane	4.224	41	1467	0.5537	ug/L	80
68) epichlorohydrin	4.088	57	3643	3.3296	ug/L #	7
71) 3-methyl-1-butanol	4.166	70	2478	7.5775	ug/L #	69
84) n-butyl ether	4.990	57	16156	0.6308	ug/L	97
91) bromoform	5.545	173	2186	0.6546	ug/L	87
92) butyl acrylate	5.614	55	6749	0.5219	ug/L	95
95) cis-1,4-dichloro-2-butene	5.970	88	546	0.1965	ug/L #	58
100) trans-1,4-dichloro-2-b...	6.211	53	977	0.3701	ug/L #	41
121) hexachloroethane	7.092	119	1210	0.4611	ug/L	82
122) benzyl chloride	6.977	126	1319	0.4526	ug/L	90

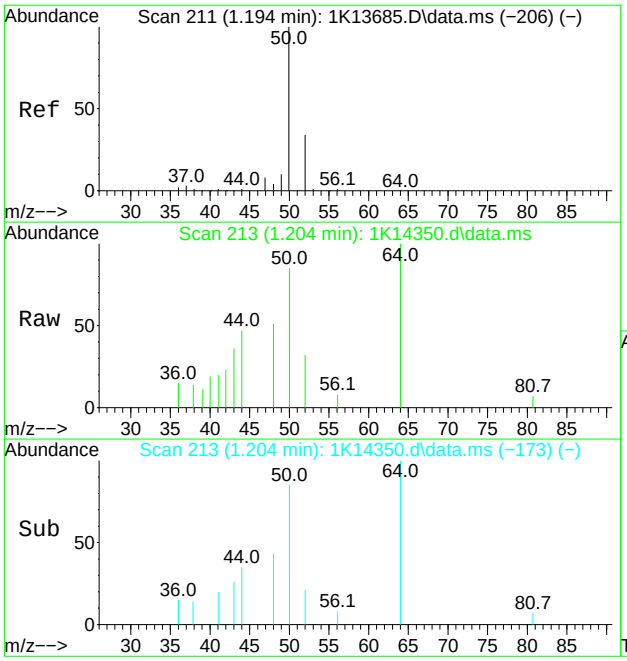
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\kristelv\12212023\v1k391\
Data File : 1K14350.d
Acq On : 20 Dec 2023 10:25 am
Operator : louied
Sample : cc376-1 Inst : GCMS K
Misc : MS76214,V1K391,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 01:34:32 2023
Quant Method : C:\msdchem\1\methods\M1K376.M
Quant Title : SW-846 Method 8260D, column Rtx-VMS 20m x 0.18 id x 1.0 um
QLast Update : Mon Dec 04 16:17:10 2023
Response via : Initial Calibration

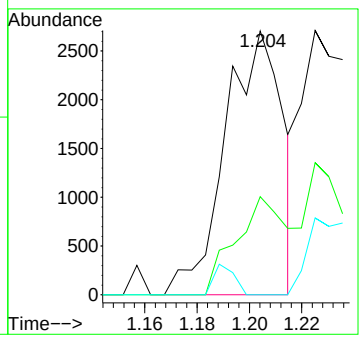


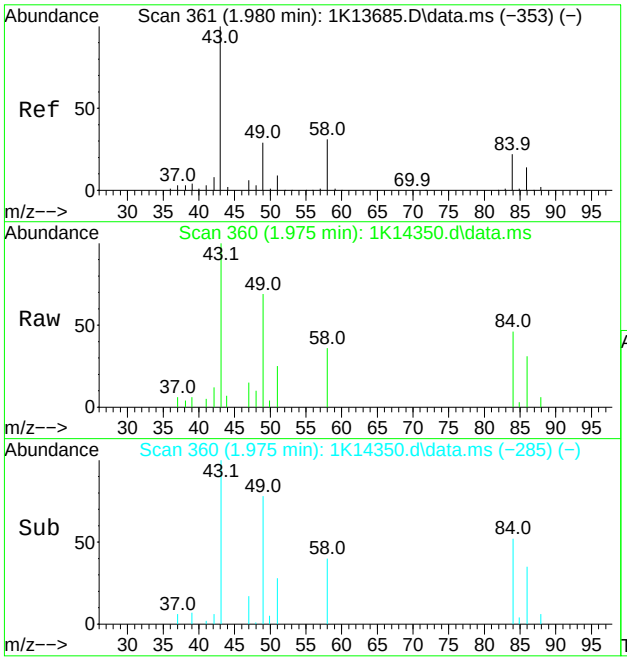


#8
chloromethane
Concen: 0.8631 ug/L
RT: 1.204 min Scan# 213
Delta R.T. 0.010 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 50 Resp: 4132

Ion	Ratio	Lower	Upper
50	100		
52	37.2	3.6	63.6
49	0.0	0.0	40.4

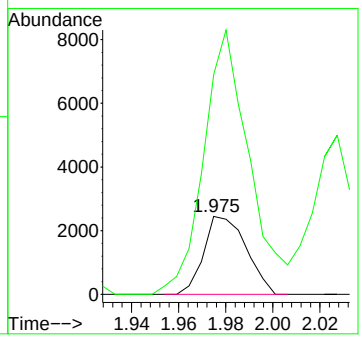


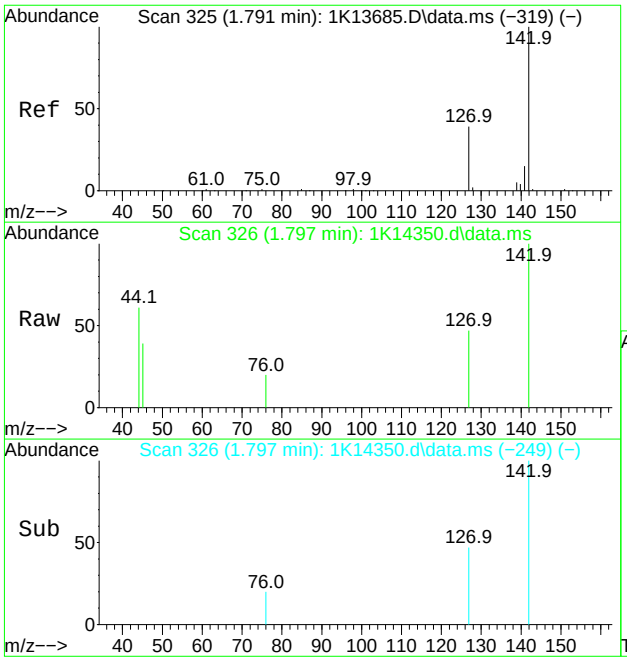


#18
acetone
Concen: 2.8606 ug/L
RT: 1.975 min Scan# 360
Delta R.T. -0.005 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 58 Resp: 3072

Ion	Ratio	Lower	Upper
58	100		
43	270.8	295.2	355.2#

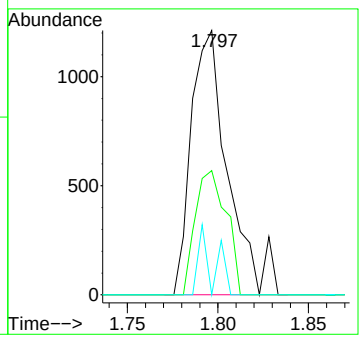


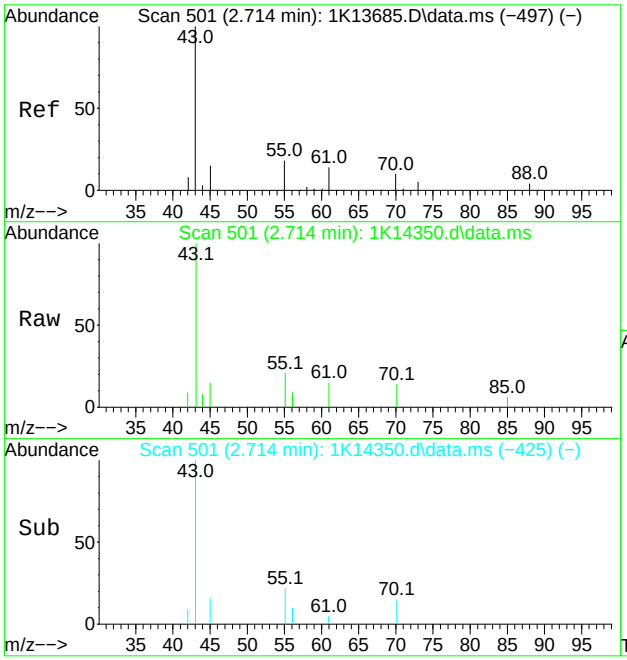


#20
iodomethane
Concen: 2.2427 ug/L
RT: 1.797 min Scan# 326
Delta R.T. 0.006 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion:142 Resp: 1720

Ion	Ratio	Lower	Upper
142	100		
127	47.0	8.7	68.7
141	0.0	0.0	44.9

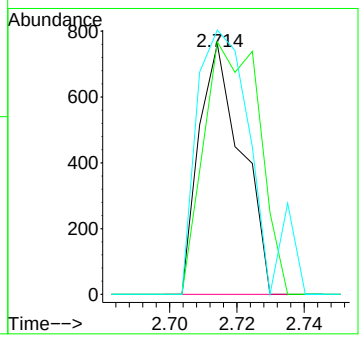


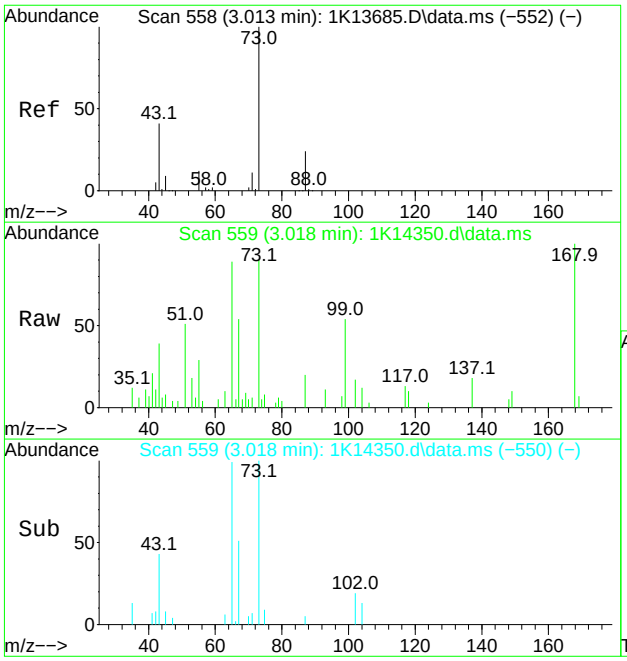


#34
ethyl acetate
Concen: 0.8799 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 70 Resp: 668

Ion	Ratio	Lower	Upper
70	100		
61	100.9	104.9	164.9#
45	105.7	117.8	177.8#

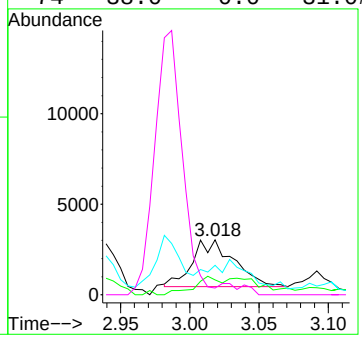


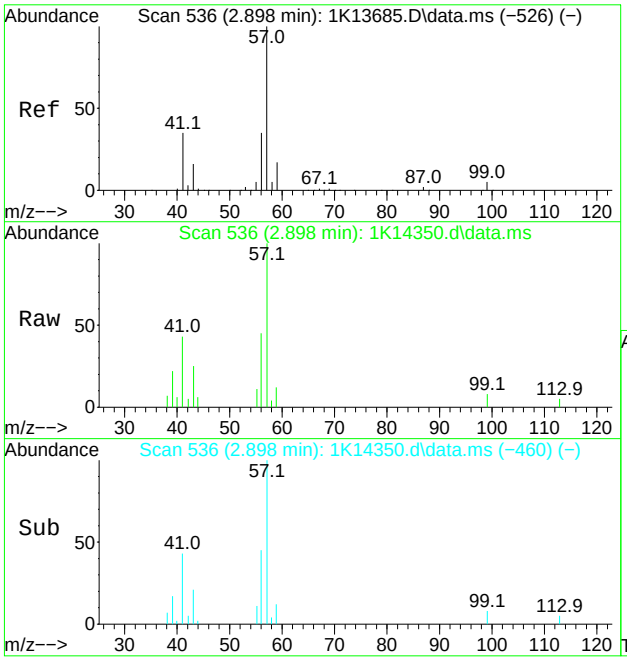


#48
isobutyl alcohol
Concen: 5.3815 ug/L
RT: 3.018 min Scan# 559
Delta R.T. 0.005 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 43 Resp: 5366

Ion	Ratio	Lower	Upper
43	100		
42	31.9	0.0	32.6
41	49.9	9.1	49.1#
74	38.0	0.0	31.0#

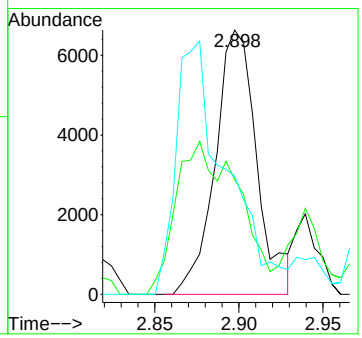


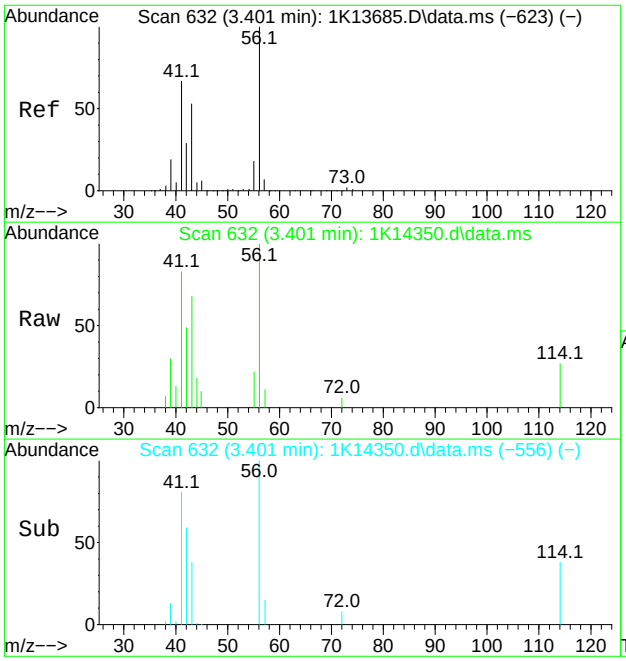


#52
iso-octane
Concen: 0.7023 ug/L
RT: 2.898 min Scan# 536
Delta R.T. -0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 57 Resp: 11446

Ion	Ratio	Lower	Upper
57	100		
41	30.6	14.8	54.8
56	35.3	15.3	55.3

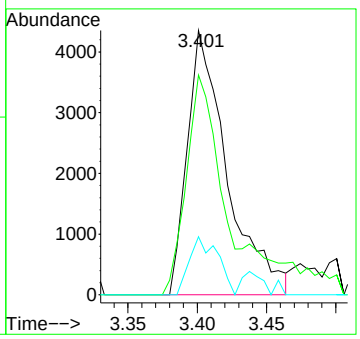


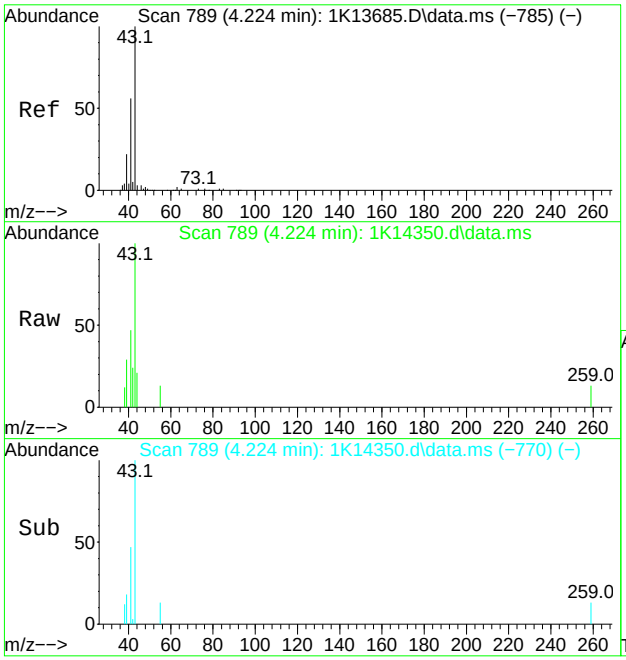


#58
n-butyl alcohol
Concen: 21.5196 ug/L
RT: 3.401 min Scan# 632
Delta R.T. -0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 56 Resp: 8733

Ion	Ratio	Lower	Upper
56	100		
41	83.1	46.6	86.6
55	22.0	0.0	37.9

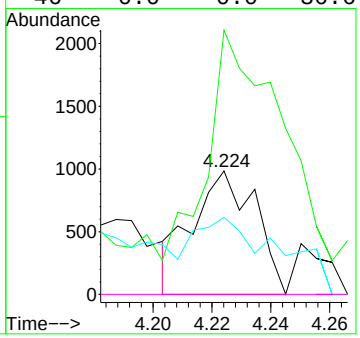


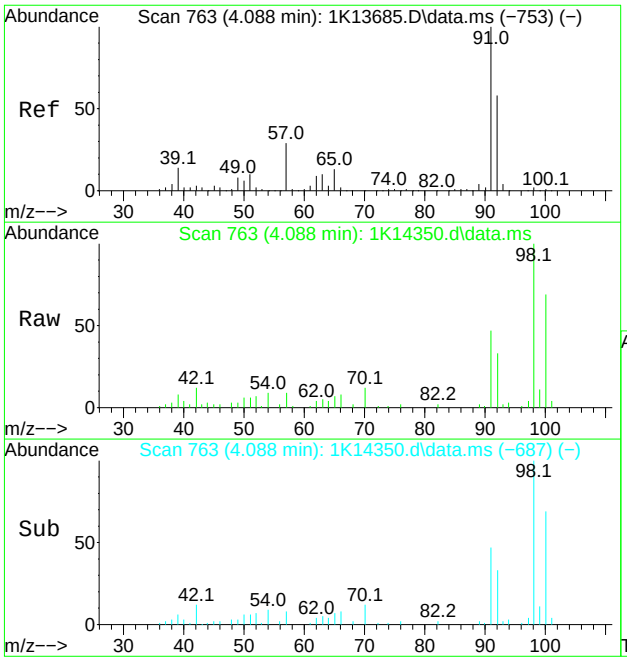


#61
2-nitropropane
Concen: 0.5537 ug/L
RT: 4.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 41 Resp: 1467

Ion	Ratio	Lower	Upper
41	100		
43	186.5	127.6	187.6
39	31.1	8.5	68.5
46	0.0	0.0	36.6

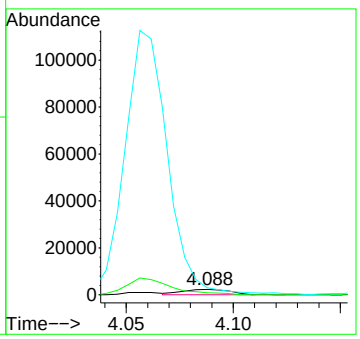


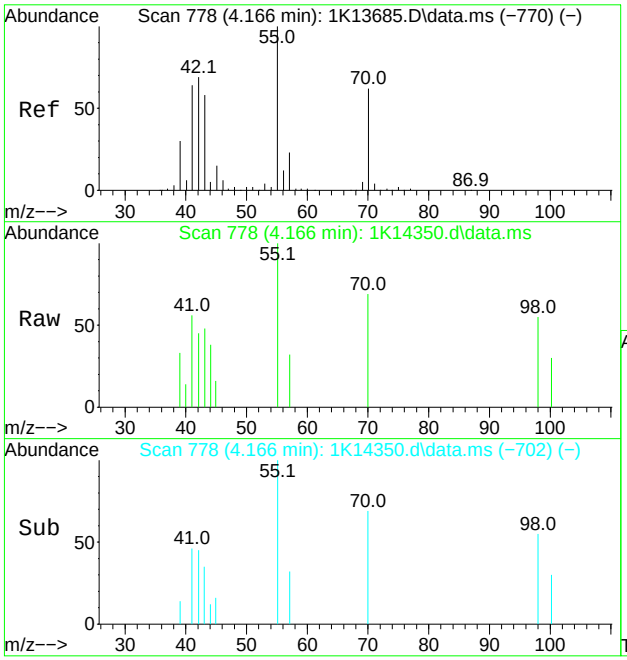


#68
epichlorohydrin
Concen: 3.3296 ug/L
RT: 4.088 min Scan# 763
Delta R.T. -0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 57 Resp: 3643

Ion	Ratio	Lower	Upper
57	100		
49	37.4	6.2	46.2
42	114.7	0.0	29.7#

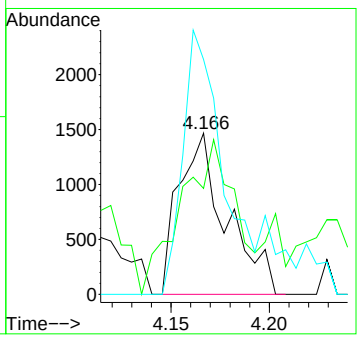


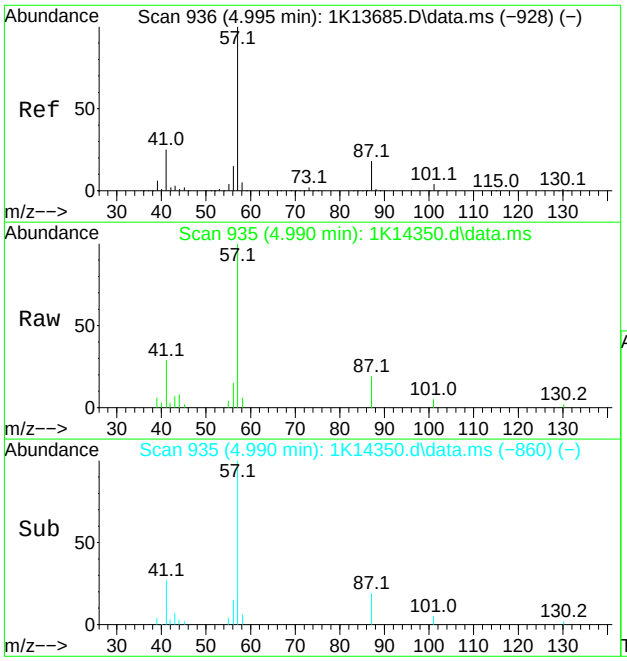


#71
3-methyl-1-butanol
Concen: 7.5775 ug/L
RT: 4.166 min Scan# 778
Delta R.T. 0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 70 Resp: 2478

Ion	Ratio	Lower	Upper
70	100		
42	48.6	81.3	141.3#
55	145.6	131.4	191.4

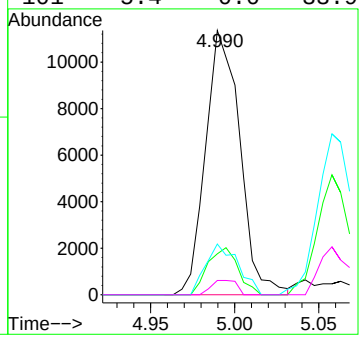


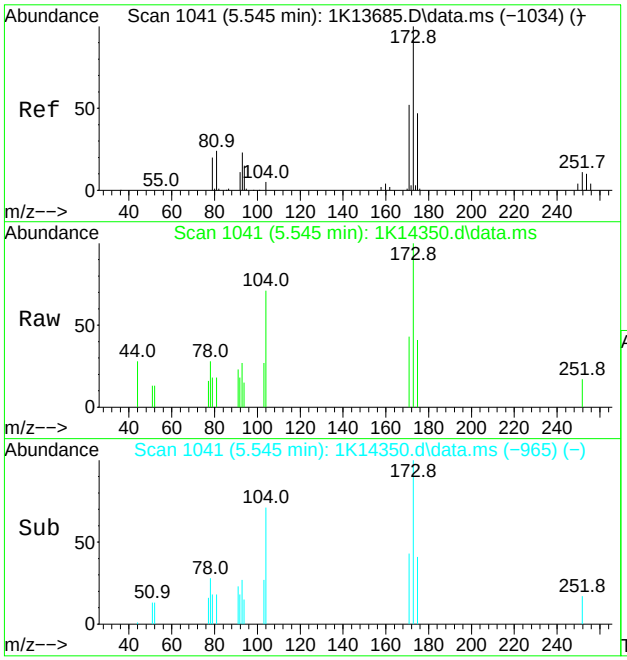


#84
n-butyl ether
Concen: 0.6308 ug/L
RT: 4.990 min Scan# 935
Delta R.T. -0.005 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 57 Resp: 16156

Ion	Ratio	Lower	Upper
57	100		
56	15.5	0.0	44.5
87	19.2	0.0	47.6
101	5.4	0.0	33.9

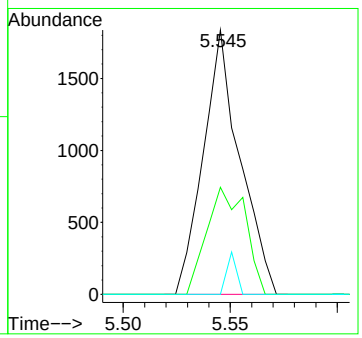


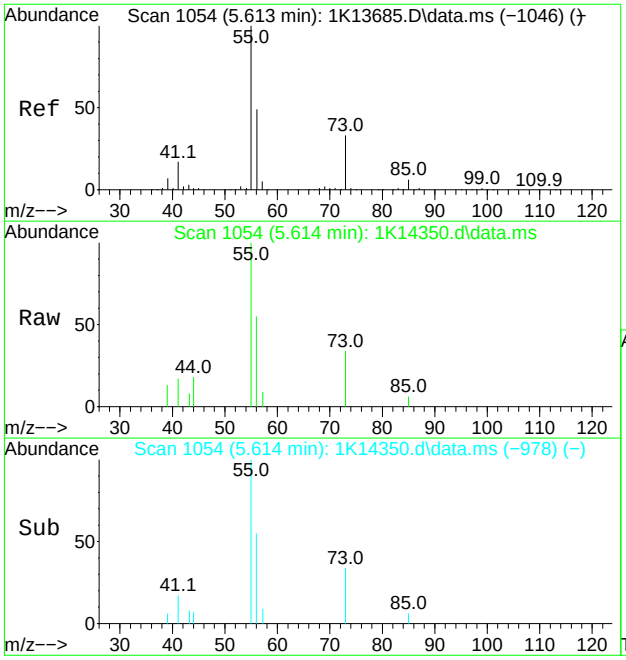


#91
bromoform
Concen: 0.6546 ug/L
RT: 5.545 min Scan# 1041
Delta R.T. 0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion:173 Resp: 2186

Ion	Ratio	Lower	Upper
173	100		
175	40.5	17.2	77.2
254	0.0	0.0	39.9

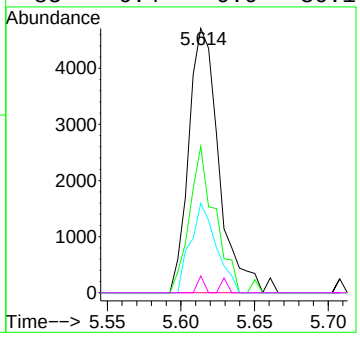


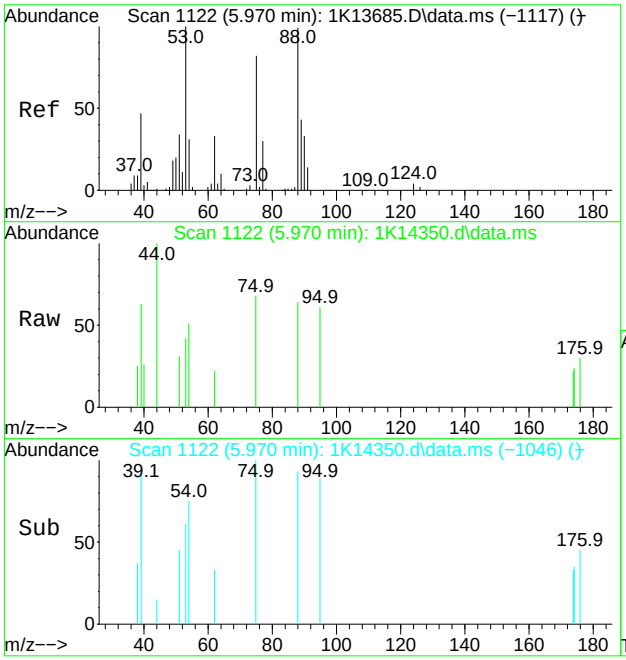


#92
butyl acrylate
Concen: 0.5219 ug/L
RT: 5.614 min Scan# 1054
Delta R.T. 0.001 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 55 Resp: 6749

Ion	Ratio	Lower	Upper
55	100		
56	55.4	19.4	79.4
73	33.9	3.4	63.4
85	6.4	0.0	36.1

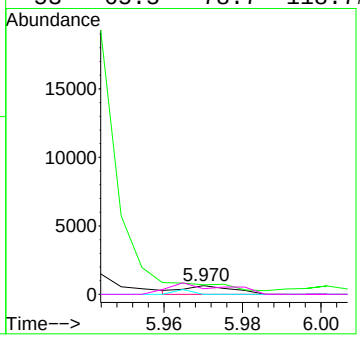


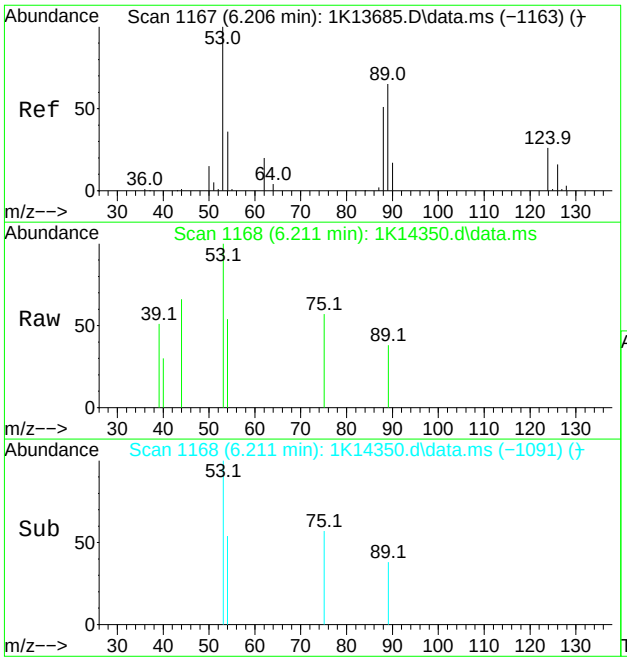


#95
cis-1,4-dichloro-2-butene
Concen: 0.1965 ug/L
RT: 5.970 min Scan# 1122
Delta R.T. 0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 88 Resp: 546

Ion	Ratio	Lower	Upper
88	100		
75	47.2	61.4	101.4#
89	0.0	22.1	62.1#
53	65.5	78.7	118.7#

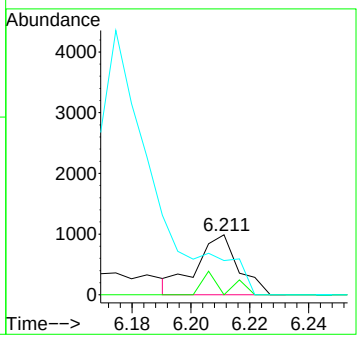


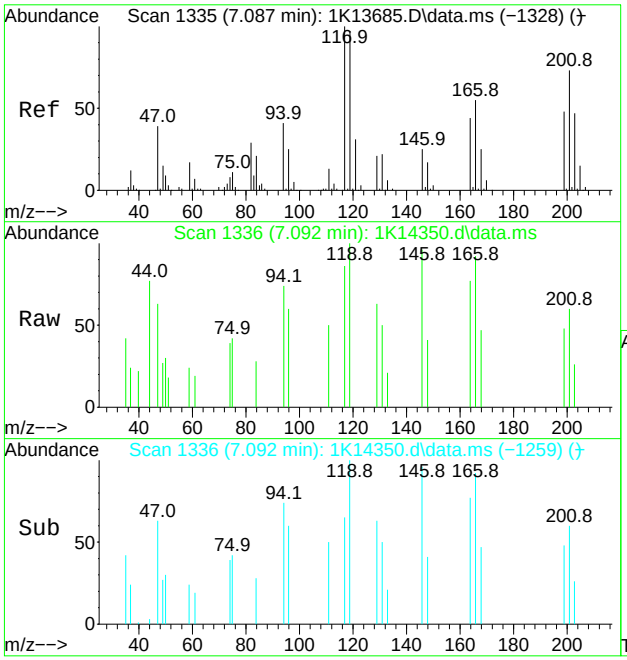


#100
trans-1,4-dichloro-2-butene
Concen: 0.3701 ug/L
RT: 6.211 min Scan# 1168
Delta R.T. 0.005 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion: 53 Resp: 977

Ion	Ratio	Lower	Upper
53	100		
88	0.0	15.0	75.0#
75	57.0	88.4	148.4#

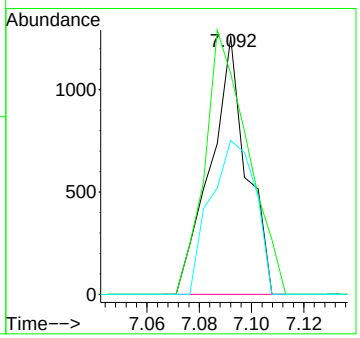


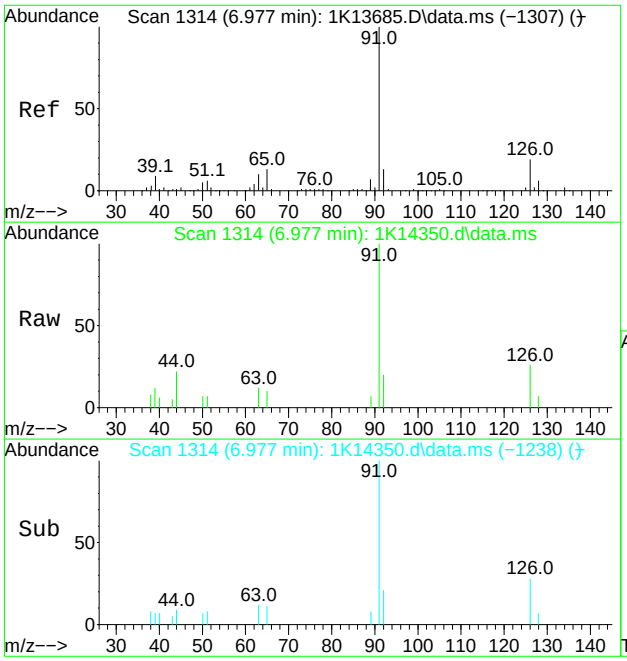


#121
hexachloroethane
Concen: 0.4611 ug/L
RT: 7.092 min Scan# 1336
Delta R.T. 0.005 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion:119 Resp: 1210

Ion	Ratio	Lower	Upper
119	100		
117	85.7	73.4	133.4
201	59.8	45.3	105.3

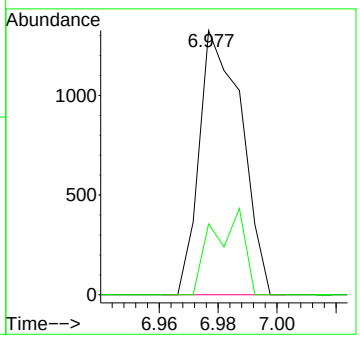




#122
benzyl chloride
Concen: 0.4526 ug/L
RT: 6.977 min Scan# 1314
Delta R.T. -0.000 min
Lab File: 1K14350.d
Acq: 20 Dec 2023 10:25 am

Tgt Ion:126 Resp: 1319

Ion	Ratio	Lower	Upper
126	100		
128	26.8	2.6	62.6



7.6.27

7

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 10/26/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2759-37.22	10/30/2023	100PPM
EC:V023-2759-68.2	10/30/2023	100PPM
ABK:V023-2759-50.6	11/7/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-6	10/5/2023	50-500PPM
EXT ABK v023-2759-40.19	11/1/2023	100-10000PPM
EXT EC v023-2759-71.6	10/31/2023	100ppm
EXT Acro v023-2759-48.12	11/6/2023	100ppm
EXT PA v023-2759-53	11/10/2023	100/1000ppm
bromodifluoromethane v023-	10/28/2023	100ppm

Batch ID: V1E8736

Print Analyst Name:
Prashant S
Analyst Signature:
Processedd by: Mohui H
Columns:
RTX-VMS(30mx18mmx1um)
Method:
V8260D
Initial Cal. Method:
M1E8736

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
1	ib	M1E8736	1E177435			5			ok	
2	ib	M2E8736	2E177436			5			ok	
3	bfb	M1E8736	1E177437			5			ok	
4	bfb	M2E8736	2E177438			5			ok	
5	ic8736-0.2	M1E8736	1E177439			5			ok	2 uL ABK EC AA / 1000 mL
6	ic8736-0.2	M2E8736	2E177440			5			ok	2 uL ABK EC AA / 1000 mL
7	ic8736-0.5	M1E8736	1E177441			5			ok	5 uL ABK EC AA / 1000 mL
8	ic8736-0.5	M2E8736	2E177442			5			ok	5 uL ABK EC AA / 1000 mL
9	ic8736-1	M2E8736	1E177443			5			ok	1 uL ABK EC AA / 100 mL
10	ic8736-1	M1E8736	2E177444			5			ok	1 uL ABK EC AA / 100 mL
11	ic8736-2	M2E8736	1E177445			5			ok	2 uL ABK EC AA / 100 mL
12	ic8736-2	M1E8736	2E177446			5			ok	2 uL ABK EC AA / 100 mL
13	ic8736-4	M2E8736	1E177447			5			ok	4 uL ABK EC AA / 100 mL
14	ic8736-4	M1E8736	2E177448			5			ok	4 uL ABK EC AA / 100 mL
15	ic8736-8	M2E8736	1E177449			5			ok	8 uL ABK EC AA / 100 mL
16	ic8736-8	M1E8736	2E177450			5			ok	8 uL ABK EC AA / 100 mL
17	ic8736-20	M2E8736	1E177451			5			ok	20 uL ABK EC AA / 100 mL

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 10/26/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2759-37.22	10/30/2023	100PPM
EC:V023-2759-68.2	10/30/2023	100PPM
ABK:V023-2759-50.6	11/7/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-6	10/5/2023	50-500PPM
EXT ABK v023-2759-40.19	11/1/2023	100-10000PPM
EXT EC v023-2759-71.6	10/31/2023	100ppm
EXT Acro v023-2759-48.12	11/6/2023	100ppm
EXT PA v023-2759-53	11/10/2023	100/1000ppm
prodifluoromethane v023-	10/28/2023	100ppm

Batch ID: V1E8736

Print Analyst Name:
Prashant S
Analyst Signature:
Processedd by: Mohui H
Columns:
RTX-VMS(30mx18mmx1um)
Method:
V8260D
Initial Cal. Method:
M1E8736

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
18	ic8736-20	M1E8736	2E177452			5			ok	20 uL ABK EC AA / 100 mL
19	icc8736-50	M2E8736	1E177453			5			ok	50 uL ABK EC AA / 100 mL
20	icc8736-50	M1E8736	2E177454			5			ok	50 uL ABK EC AA / 100 mL
21	ic8736-100	M2E8736	1E177455			5			ok	100 uL ABK EC AA / 100 mL
22	ic8736-100	M1E8736	2E177456			5			ok	100 uL ABK EC AA / 100 mL
23	ic8736-200	M2E8736	1E177457			5			ok	200 uL ABK EC AA / 100 mL
24	ic8736-200	M1E8736	2E177458			5			ok	200 uL ABK EC AA / 100 mL
25	ib	M2E8736	1E177459			5			ok	
26	ib	M1E8736	2E177460			5			ok	
27	ib	M2E8736	1E177461			5			ok	
28	ib	M1E8736	2E177462			5			ok	
29	icv8736-50	M2E8736	1E177463			5			ok	50 uL EXT ABK EC Acro / 100 mL
30	icv8736-50	M1E8736	2E177464			5			ok	50 uL EXT ABK EC Acro / 100 mL
31	icv8736-50	M2E8736	1E177465			5			ok	50 uL EXT PA Chlorodifluoromethane / 100 mL
32	icv8736-50	M1E8736	2E177466			5			ok	50 uL EXT PA Chlorodifluoromethane / 100 mL

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/21/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2759-120.4	1/1/2024	100PPM
EC:V023-2771-143.3	12/22/2023	100PPM
ABK:V023-2759-133.12	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1E8774

Print Analyst Name:
Louie D.
Analyst Signature:

Columns:
RTX-VMS(30mx18mmx1um)
Method:
V8260D
Initial Cal. Method:
M1E8736

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
1	ib	M1E8736	1E179176	MS76300,V1E8774,5,,,,1		5			ok	
2	ib	M2E8736	2E179177	MS76300,V2E8774,5,,,,1		5				
3	cc8736-20	M1E8736	1E179178	MS76300,V1E8774,5,,,,1		5			ok	9:01am; 20uL ABK, AA, EC / 100mL
4	cc8736-20	M2E8736	2E179179	MS76217,V2E8774,5,,,,1		5				9:14am; 20uL ABK, AA, EC / 100mL
5	bs	M1E8736	1E179180	MS76300,V1E8774,5,,,,1		5			ok	50uL ABK, AA, EC / 100mL
6	bs	M2E8736	2E179181	MS76217,V2E8774,5,,,,1		5				50uL ABK, AA, EC / 100mL
7	ib	M1E8736	1E179182	MS76300,V1E8774,5,,,,1		5			ok	
8	mb	M2E8736	2E179183	MS76217,V2E8774,5,,,,1		5				
9	mb	M1E8736	1E179184	MS76300,V1E8774,5,,,,1		5			ok	
10	jd79130-10	M2E8736	2E179185	MS76300,V2E8774,5,,,,1		5		1		
11	jd79037-7	M1E8736	1E179186	MS76171,V1E8774,5,,,,50		1.0/50		5	ok	
12	jd79130-9	M2E8736	2E179187	MS76300,V2E8774,5,,,,10		5.0/50		1		
13	jd79113-1	M1E8736	1E179188	MS76268,V1E8774,5,,,,10		5.0/50		1	ok	
14	jd78798-18	M2E8736	2E179189	MS76077,V2E8774,5,,,,10		5.0/50		1		
15	jd78798-19	M1E8736	1E179190	MS76077,V1E8774,5,,,,10		5.0/50		1	ok	
16	jd78798-21	M2E8736	2E179191	MS76077,V2E8774,5,,,,4		12.5/50		1		
17	jd79225-1	M1E8736	1E179192	MS76337,V1E8774,5,,,,1		5		1	ok	
18	jd79224-1	M2E8736	2E179193	MS76361,V2E8774,5,,,,1		5		1		

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/21/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2759-120.4	1/1/2024	100PPM
EC:V023-2771-143.3	12/22/2023	100PPM
ABK:V023-2759-133.12	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1E8774

Print Analyst Name:
Louie D.
Analyst Signature:

Columns:
RTX-VMS(30mx18mmx1um)
Method:
V8260D
Initial Cal. Method:
M1E8736

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
19	jd79224-2	M1E8736	1E179194	MS76361,V1E8774,5,,,,1		5		1	OK	
20	jd79224-3	M2E8736	2E179195	MS76361,V2E8774,5,,,,1		5		1		
21	jd79225-3	M1E8736	1E179196	MS76337,V1E8774,5,,,,1		5		1	OK	
22	jd79225-4	M2E8736	2E179197	MS76337,V2E8774,5,,,,1		5		1		
23	jd79238-1	M1E8736	1E179198	MS76345,V1E8774,5,,,,1		5		1	OK	
24	jd79238-2	M2E8736	2E179199	MS76345,V2E8774,5,,,,1		5		1		
25	jd79238-5	M1E8736	1E179200	MS76345,V1E8774,5,,,,1		5		1	OK	
26	jd79238-6	M2E8736	2E179201	MS76345,V2E8774,5,,,,1		5		1		
27	jd79238-10	M1E8736	1E179202	MS76345,V1E8774,5,,,,1		5		1	OK	
28	jd79238-11	M2E8736	2E179203	MS76345,V2E8774,5,,,,1		5		1		
29	jd79224-4ms	M1E8736	1E179204	MS76361,V1E8774,5,,,,10		5.0/50		1	OK	25uL ABK, AA, EC / 50mL
30	jd79224-5ms	M2E8736	2E179205	MS76361,V2E8774,5,,,,10		5.0/50		1		25uL ABK, AA, EC / 50mL
31	jd79224-4msd	M1E8736	1E179206	MS76361,V1E8774,5,,,,10		5.0/50		1	OK	25uL ABK, AA, EC / 50mL
32	jd79224-5msd	M2E8736	2E179207	MS76361,V2E8774,5,,,,10		5.0/50		1		25uL ABK, AA, EC / 50mL
33	ib	M1E8736	1E179208	MS76361,V1E8774,5,,,,1		5			OK	
34	ib	M2E8736	2E179209	MS76361,V2E8774,5,,,,1		5				
35	jd79238-14	M1E8736	1E179210	MS76345,V1E8774,5,,,,1		5		1	OK	
36	jd79224-5	M2E8736	2E179211	MS76361,V2E8774,5,,,,10		5.0/50		1		

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/21/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2759-120.4	1/1/2024	100PPM
EC:V023-2771-143.3	12/22/2023	100PPM
ABK:V023-2759-133.12	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1E8774

Print Analyst Name:
Louie D.
Analyst Signature:

Columns:
RTX-VMS(30mx18mmx1um)
Method:
V8260D
Initial Cal. Method:
M1E8736

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
37	jd79224-4	M1E8736	1E179212	MS76361,V1E8774,5,,,,10		5.0/50		1	OK	
38	jd79207-1	M2E8736	2E179213	MS76313,V2E8774,5,,,,1		5		1		
39	jd79238-3	M1E8736	1E179214	MS76345,V1E8774,5,,,,1		5		1	OK	
40	jd79238-4	M2E8736	2E179215	MS76345,V2E8774,5,,,,1		5		1		
41	jd79238-7	M1E8736	1E179216	MS76345,V1E8774,5,,,,1		5		1	OK	
42	jd79238-8	M2E8736	2E179217	MS76345,V2E8774,5,,,,1		5		1		
43	jd79238-9	M1E8736	1E179218	MS76345,V1E8774,5,,,,1		5		1	OK	
44	jd79238-12	M2E8736	2E179219	MS76345,V2E8774,5,,,,1		5		1		
45	jd79238-13	M1E8736	1E179220	MS76345,V1E8774,5,,,,1		5		1	OK	
46	jd79179-1	M2E8736	2E179221	MS76296,V2E8774,5,,,,10		5.0/50		1		
47	jd79179-4	M1E8736	1E179222	MS76296,V1E8774,5,,,,20		2.5/50		1	RR	f/d
48	jd79179-5	M2E8736	2E179223	MS76296,V2E8774,5,,,,5		10.0/50		1		
49	jd79225-2	M1E8736	1E179224	MS76337,V1E8774,5,,,,5		10.0/50		1	OK	8:04 PM
50	jd79225-5	M2E8736	2E179225	MS76337,V2E8774,5,,,,10		5.0/50		1		
								1		

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/2/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2754-120.2	1/1/2024	100PPM
EC:V023-2759-125.7	12/11/2023	100PPM
ABK:V023-2759-93.11	12/7/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
XT ABK v023-2759-85.2	12/2/2023	100-10000ppm
EXT EC v023-2759-108.1	12/4/2023	100ppm
XT Acro v023-2759-92.1	12/7/2023	100ppm
EXT PA v023-2759-98	12/13/2023	100/1000ppm
odifluoromethane v02	12/1/2023	100ppm

Batch ID: V1K376

Print Analyst Name:
Prashant S
Analyst Signature:
Mohui H
Columns:RTX-VMS(20mx18mmx1um)

Method:
V8260D
Initial Cal. Method:
V1K376

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	Status	Comments
1	ib	M1K376	1K13667			5			ok	
2	ib	M2K376	2K13668			5			ok	
3	bfb	M1K376	1K13669			5			ok	
4	bfb	M2K376	2K13670			5			ok	
5	ic376-0.2	M1K376	1K13671			5			ok	2 uL ABK EC AA / 1000 mL
6	ic376-0.2	M2K376	2K13672			5			ok	2 uL ABK EC AA / 1000 mL
7	ic376-0.5	M1K376	1K13673			5			ok	5 uL ABK EC AA / 1000 mL
8	ic376-0.5	M2K376	2K13674			5			ok	5 uL ABK EC AA / 1000 mL
9	ic376-1	M1K376	1K13675			5			ok	1 uL ABK EC AA / 100 mL
10	ic376-1	M2K376	2K13676			5			ok	1 uL ABK EC AA / 100 mL
11	ic376-2	M1K376	1K13677			5			ok	2 uL ABK EC AA / 100 mL
12	ic376-2	M2K376	2K13678			5			ok	2 uL ABK EC AA / 100 mL
13	ic376-4	M1K376	1K13679			5			ok	4 uL ABK EC AA / 100 mL
14	ic376-4	M2K376	2K13680			5			ok	4 uL ABK EC AA / 100 mL
15	ic376-8	M1K376	1K13681			5			ok	8 uL ABK EC AA / 100 mL
16	ic376-8	M2K376	2K13682			5			ok	8 uL ABK EC AA / 100 mL
17	ic376-20	M1K376	1K13683			5			ok	20 uL ABK EC AA / 100 mL
18	ic376-20	M2K376	2K13684			5			ok	20 uL ABK EC AA / 100 mL
19	icc376-50	M1K376	1K13685			5			ok	50 uL ABK EC AA / 100 mL

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/2/23

Standard data

Lot#	Expiration Date	concentration
AA:V023-2754-120.2	1/1/2024	100PPM
EC:V023-2759-125.7	12/11/2023	100PPM
ABK:V023-2759-93.11	12/7/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
XT ABK v023-2759-85.2	12/2/2023	100-10000ppm
EXT EC v023-2759-108.1	12/4/2023	100ppm
XT Acro v023-2759-92.1	12/7/2023	100ppm
EXT PA v023-2759-98	12/13/2023	100/1000ppm
odifluoromethane v02	12/1/2023	100ppm

Batch ID: V1K376

Print Analyst Name:
Prashant S
Analyst Signature:
Mohui H
Columns:RTX-VMS(20mx18mmx1um)

Method:
V8260D
Initial Cal. Method:
V1K376

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	Status	Comments
20	icc376-50	M2K376	2K13686			5			ok	50 uL ABK EC AA / 100 mL
21	ic376-100	M1K376	1K13687			5			ok	100 uL ABK EC AA / 100 mL
22	ic376-100	M2K376	2K13688			5			ok	100 uL ABK EC AA / 100 mL
23	ic376-200	M1K376	1K13689			5			ok	200 uL ABK EC AA / 100 mL
24	ic376-200	M2K376	2K13690			5			ok	200 uL ABK EC AA / 100 mL
25	ib	M1K376	1K13691			5			ok	
26	ib	M2K376	2K13692			5			ok	
27	ib	M1K376	1K13693			5			ok	
28	ib	M2K376	2K13694			5			ok	
29	icv376-50	M1K376	1K13695			5			ok	50 uL EXT ABK EC Acro / 100 mL
30	icv376-50	M2K376	2K13696			5			ok	50 uL EXT ABK EC Acro / 100 mL
31	icv376-50	M1K376	1K13697			5			ok	50 uL EXT PA Chorodifluoromethane / 100 mL
32	icv376-50	M2K376	2K13698			5			ok	50 uL EXT PA Chorodifluoromethane / 100 mL

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/20/23

Standard data

Lot#	Expiration Date	concentration
AA: V023-2754-120.4	1/1/2024	100PPM
EC :V023-2759-143.1	12/22/2023	100PPM
ABK: V023-2759-133.2	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1K391

Print Analyst Name:
Louie D.
Analyst Signature:
KristelV
Columns:RTX-VMS(20mx18mmx1um)

Method:
V8260D
Initial Cal. Method:
M1K376

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
1	ib	MK376	1K14346	MS76214,V1K391,5,,,,1		5			OK	
2	ib	MK376	2K14347	MS76214,V2K391,5,,,,1		5			OK	
3	cc376-20	MK376	1K14348	MS76214,V1K391,5,,,,1		5			OK	20uL ABK, AA, EC / 100mL 09:38 AM
4	cc376-20	MK376	2K14349	MS76214,V2K391,5,,,,1		5				20uL ABK, AA, EC / 100mL
5	cc376-1	MK376	1K14350	MS76214,V1K391,5,,,,1		5			OK	1uL ABK, AA, EC / 100mL
6	cc376-1	MK376	2K14351	MS76214,V2K391,5,,,,1		5				1uL ABK, AA, EC / 100mL
7	bs	MK376	1K14352	MS76214,V1K391,5,,,,1		5			OK	50uL ABK, AA, EC / 100mL
8	bs	MK376	2K14353	MS76214,V2K391,5,,,,1		5				50uL ABK, AA, EC / 100mL
9	ib	MK376	1K14354	MS76214,V1K391,5,,,,1		5			OK	
10	mb	MK376	2K14355	MS76214,V2K391,5,,,,1		5				
11	mb	MK376	1K14356	MS76214,V1K391,5,,,,1		5			OK	
12	jd79081-6	MK376	2K14357	MS76244,V2K391,5,,,,1		5		1		
13	jd79081-7	MK376	1K14358	MS76244,V1K391,5,,,,1		5		1	OK	
14	jd79081-1	MK376	2K14359	MS76244,V2K391,5,,,,1		5		1		
15	jd79081-1	MK376	1K14360	MS76244,V1K391,5,,,,10		5.0/50		1	OK	
16	jd79081-2	MK376	2K14361	MS76244,V2K391,5,,,,25		2.0/50		1		
17	jd78872-3	MK376	1K14362	MS76129,V1K391,5,,,,500		0.1/50		1	OK	
18	jd79081-8	MK376	2K14363	MS76244,V2K391,5,,,,100		0.5/50		1		

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/20/23

Standard data

Lot#	Expiration Date	concentration
AA: V023-2754-120.4	1/1/2024	100PPM
EC :V023-2759-143.1	12/22/2023	100PPM
ABK: V023-2759-133.2	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1K391

Print Analyst Name:
Louie D.
Analyst Signature:
KristelV
Columns:RTX-VMS(20mx18mmx1um)

Method:
V8260D
Initial Cal. Method:
M1K376

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
19	jd79081-4	MK376	1K14364	MS76244,V1K391,5,,,,10		5.0/50		1	OK	client ID'S match
20	jd79081-5	MK376	2K14365	MS76244,V2K391,5,,,,10		5.0/50		1		client ID'S match
21	jd78872-5	MK376	1K14366	MS76129,V1K391,5,,,,500		0.1/50		1	OK	
22	jd78872-10	MK376	2K14367	MS76129,V2K391,5,,,,100		0.5/50		1		
23	jd79081-8	MK376	1K14368	MS76244,V1K391,5,,,,1000		0.05/50		1	OK	
24	jd78979-2	MK376	2K14369	MS76222,V2K391,5,,,,25		2.0/50		1		
25	jd79113-1	MK376	1K14370	MS76268,V1K391,5,,,,1		5		1	RR	F/D
26	jd79146-1	MK376	2K14371	MS76301,V2K391,5,,,,1		5		1		
27	jd79146-2	MK376	1K14372	MS76301,V1K391,5,,,,1		5		1	OK	
28	jd79146-3	MK376	2K14373	MS76301,V2K391,5,,,,1		5		1		
29	jd79147-1	MK376	1K14374	MS76301,V1K391,5,,,,1		5		1	OK	
30	jd78872-8	MK376	2K14375	MS76129,V2K391,5,,,,50		1.0/50		1		
31	jd78872-9	MK376	1K14376	MS76129,V1K391,5,,,,5000		0.01/50		1	OK	
32	jd78872-10ms	MK376	2K14377	MS76129,V2K391,5,,,,100		0.5/50		1		25uL ABK, AA, EC / 50mL
33	jd78872-5ms	MK376	1K14378	MS76129,V1K391,5,,,,500		0.1/50		1	OK	25uL ABK, AA, EC / 50mL
34	jd78872-10msd	MK376	2K14379	MS76129,V2K391,5,,,,100		0.5/50		1		25uL ABK, AA, EC / 50mL
35	jd78872-5msd	MK376	1K14380	MS76129,V1K391,5,,,,500		0.1/50		1	OK	25uL ABK, AA, EC / 50mL
36	jd78872-10	MK376	2K14381	MS76129,V2K391,5,,,,1000		0.05/50		1		

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 12/20/23

Standard data

Lot#	Expiration Date	concentration
AA: V023-2754-120.4	1/1/2024	100PPM
EC :V023-2759-143.1	12/22/2023	100PPM
ABK: V023-2759-133.2	1/8/2024	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
IS:V023-2759-123	1/4/2024	50-500PPM
pH paper:222221	8/1/2024	

Batch ID: V1K391

Print Analyst Name:
Louie D.
Analyst Signature:
KristelV
Columns:RTX-VMS(20mx18mmx1um)

Method:
V8260D
Initial Cal. Method:
M1K376

Date Archived:_____

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature- _____ Date- _____

ALS	Sample ID	Method	File ID	MS Batch, Run ID, Pv,,,, Dil.	Vial #	Purge Vol	IS/SURR	pH	STATUS	Comments
37	jd78872-5	MK376	1K14382	MS76129,V1K391,5,,,,5000		0.01/50		1	OK	
38	jd79179-7	MK376	2K14383	MS76296,V2K391,5,,,,1		5		1		
39	jd79179-6	MK376	1K14384	MS76296,V1K391,5,,,,1		5		1	OK	
40	jd79141-2	MK376	2K14385	MS76297,V2K391,5,,,,1		5		1		
41	jd79141-6	MK376	1K14386	MS76297,V1K391,5,,,,1		5		1	OK	follow e-doc
42	jd79123-3	MK376	2K14387	MS76297,V2K391,5,,,,1		5		1		
43	jd79179-2	MK376	1K14388	MS76296,V1K391,5,,,,1		5		1	OK	
44	jd79179-3	MK376	2K14389	MS76296,V2K391,5,,,,1		5		1		
45	jd79081-4	MK376	1K14390	MS76244,V1K391,5,,,,1		5		1	OK	client ID'S match
46	jd79081-5	MK376	2K14391	MS76244,V2K391,5,,,,1		5		1		client ID'S match
47	jd79081-4	MK376	1K14392	MS76244,V1K391,5,,,,25		2.0/50		1	OK	client ID'S match out of tune. 09:49 PM
48	jd79081-5	MK376	2K14393	MS76244,V2K391,5,,,,25		2.0/50		1		client ID'S match

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA2966-MB	AA106184.D	1	12/28/23	ML	n/a	n/a	GAA2966

The QC reported here applies to the following samples: **Method:** RSK-175

JD79113-1

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.11	0.080	ug/l	
74-84-0	Ethane	ND	0.23	0.14	ug/l	
74-85-1	Ethene	ND	0.31	0.16	ug/l	

Laboratory Control Sample Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA2966-LCS	AA106181.D	1	12/28/23	ML	n/a	n/a	GAA2966

The QC reported here applies to the following samples: **Method:** RSK-175

JD79113-1

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
74-82-8	Methane	11	10.6	96	50-150
74-84-0	Ethane	23	21.1	92	50-150
74-85-1	Ethene	31	28.4	92	50-150

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD78848-6DUP	AA106190.D	1	12/28/23	ML	n/a	n/a	GAA2966
JD78848-6	AA106189.D	1	12/28/23	ML	n/a	n/a	GAA2966

The QC reported here applies to the following samples: **Method:** RSK-175

JD79113-1

CAS No.	Compound	JD78848-6 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	ND		0.11		200* [a]	20
74-84-0	Ethane	ND		ND		nc	20
74-85-1	Ethene	ND		ND		nc	20

(a) Outside control limits.

* = Outside of Control Limits.

Initial Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: GAA2870-ICC2870
Lab FileID: AA103376.D

Response Factor Report GCAA

Method : C:\MSDCHEM\1\METHODS\MAA2870.M (ChemStation Integrator)
Title : METHOD V8015 DG by GC-FID
Last Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration

Calibration Files
1 =aa103371.d 2 =aa103372.d 10 =aa103373.d 20 =aa103375.d
100 =aa103376.d 200 =aa103377.d 500 =aa103378.d 1000=aa103379.d

Compound	1	2	10	20	100	200	500	1000	Avg	%RSD
1) Methane	2.901	2.421	2.074	2.265	2.281	2.238	1.954	2.061	2.274 E4	12.91
2) Ethane	4.905	4.703	3.937	4.368	4.430	4.361	3.819	3.991	4.314 E4	8.80
3) Ethene	4.856	4.492	3.952	4.388	4.448	4.369	3.829	4.000	4.292 E4	7.94
4) Propane	7.174	6.595	5.924	6.707	6.645	6.528	5.780	5.990	6.418 E4	7.41

(#) = Out of Range ### Number of calibration levels exceeded format ###

MAA2870.M Thu Aug 31 18:28:40 2023

8.4.1

8

Initial Calibration Verification

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: GAA2870-ICV2870
Lab FileID: AA103380.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : aa103380.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 1:04 pm
Operator : williamc
Sample : icv2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 13:15:17 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:59:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Methane	22.743	23.855 E3	-4.9	105	0.00
2	Ethane	43.143	47.513 E3	-10.1	107	0.00
3	Ethene	42.917	47.712 E3	-11.2	107	0.00
4	Propane	64.178	72.365 E3	-12.8	109	0.00

Evaluate Continuing Calibration Report - Not Founds

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

MAA2870.M Thu Aug 31 13:16:00 2023

8.4.2

8

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: GAA2966-CC2870
Lab FileID: AA106179.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : aa106179.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 6:39 am
Operator : moniquel
Sample : cc2870-100
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 06:49:40 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Methane	22.743	20.598 E3	9.4	90	0.00
2	Ethane	43.143	38.212 E3	11.4	86	0.00
3	Ethene	42.917	38.071 E3	11.3	86	0.00
4	Propane	64.178	58.447 E3	8.9	88	0.00

Evaluate Continuing Calibration Report - Not Founds

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

MAA2870.M Thu Dec 28 14:37:18 2023 AA

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: GAA2966-CC2870
Lab FileID: AA106210.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : aa106210.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 1:50 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62694,GAA2966,,,,,1
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 14:00:38 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Methane	22.743	20.442 E3	10.1	90	0.00
2	Ethane	43.143	39.197 E3	9.1	88	0.00
3	Ethene	42.917	39.108 E3	8.9	88	0.00
4	Propane	64.178	60.008 E3	6.5	90	0.00

Evaluate Continuing Calibration Report - Not Founds

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

MAA2870.M Thu Dec 28 14:37:20 2023 AA

Continuing Calibration Summary

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Sample: GAA2966-CC2870
Lab FileID: AA106221.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : aa106221.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 4:20 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62678,GAA2966,,,,,1
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 16:30:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Methane	22.743	20.215 E3	11.1	89	0.00
2	Ethane	43.143	39.069 E3	9.4	88	0.00
3	Ethene	42.917	38.890 E3	9.4	87	0.00
4	Propane	64.178	59.699 E3	7.0	90	0.00

Evaluate Continuing Calibration Report - Not Founds

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

MAA2870.M Fri Dec 29 06:06:00 2023 AA

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: GAA2870	**Method:** RSK-175	**Instrument ID:** GCAA

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
GAA2870-IC2870	AA103371.D	08/31/23 10:50	n/a	Initial cal 1.0
GAA2870-IC2870	AA103372.D	08/31/23 11:11	n/a	Initial cal 2.0
GAA2870-IC2870	AA103373.D	08/31/23 11:25	n/a	Initial cal 10
GAA2870-IC2870	AA103375.D	08/31/23 11:54	n/a	Initial cal 20
GAA2870-ICC2870	AA103376.D	08/31/23 12:09	n/a	Initial cal 100
GAA2870-IC2870	AA103377.D	08/31/23 12:23	n/a	Initial cal 200
GAA2870-IC2870	AA103378.D	08/31/23 12:35	n/a	Initial cal 500
GAA2870-IC2870	AA103379.D	08/31/23 12:49	n/a	Initial cal 1000
GAA2870-ICV2870	AA103380.D	08/31/23 13:04	n/a	Initial cal verification 100

Run Sequence Report

Job Number: JD79113
Account: ERMNYW ERM, Inc.
Project: Fortive, New Windsor, NY

Run ID: GAA2966 **Method:** RSK-175 **Instrument ID:** GCAA

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
GAA2966-CC2870	AA106179.D	12/28/23 06:39	n/a	Continuing cal 100
GAA2966-LCS	AA106181.D	12/28/23 07:06	n/a	Laboratory Control Sample
GAA2966-MB	AA106184.D	12/28/23 07:54	n/a	Method Blank
ZZZZZZ	AA106185.D	12/28/23 08:08	n/a	(unrelated sample)
ZZZZZZ	AA106186.D	12/28/23 08:23	n/a	(unrelated sample)
ZZZZZZ	AA106187.D	12/28/23 08:38	n/a	(unrelated sample)
ZZZZZZ	AA106188.D	12/28/23 08:51	n/a	(unrelated sample)
JD78848-6	AA106189.D	12/28/23 09:04	n/a	(used for QC only; not part of job JD79113)
JD78848-6DUP	AA106190.D	12/28/23 09:18	n/a	Duplicate
ZZZZZZ	AA106191.D	12/28/23 09:31	n/a	(unrelated sample)
ZZZZZZ	AA106192.D	12/28/23 09:44	n/a	(unrelated sample)
ZZZZZZ	AA106193.D	12/28/23 09:57	n/a	(unrelated sample)
ZZZZZZ	AA106194.D	12/28/23 10:11	n/a	(unrelated sample)
ZZZZZZ	AA106195.D	12/28/23 10:24	n/a	(unrelated sample)
ZZZZZZ	AA106196.D	12/28/23 10:39	n/a	(unrelated sample)
ZZZZZZ	AA106198.D	12/28/23 11:00	n/a	(unrelated sample)
ZZZZZZ	AA106199.D	12/28/23 11:13	n/a	(unrelated sample)
ZZZZZZ	AA106200.D	12/28/23 11:27	n/a	(unrelated sample)
ZZZZZZ	AA106201.D	12/28/23 11:46	n/a	(unrelated sample)
ZZZZZZ	AA106202.D	12/28/23 12:00	n/a	(unrelated sample)
ZZZZZZ	AA106203.D	12/28/23 12:14	n/a	(unrelated sample)
ZZZZZZ	AA106204.D	12/28/23 12:27	n/a	(unrelated sample)
ZZZZZZ	AA106205.D	12/28/23 12:41	n/a	(unrelated sample)
ZZZZZZ	AA106206.D	12/28/23 12:54	n/a	(unrelated sample)
ZZZZZZ	AA106207.D	12/28/23 13:08	n/a	(unrelated sample)
ZZZZZZ	AA106208.D	12/28/23 13:21	n/a	(unrelated sample)
ZZZZZZ	AA106209.D	12/28/23 13:36	n/a	(unrelated sample)
GAA2966-CC2870	AA106210.D	12/28/23 13:50	n/a	Continuing cal 100
ZZZZZZ	AA106211.D	12/28/23 14:03	n/a	(unrelated sample)
ZZZZZZ	AA106212.D	12/28/23 14:17	n/a	(unrelated sample)
JD79113-1	AA106213.D	12/28/23 14:30	n/a	MW-12-121423
ZZZZZZ	AA106214.D	12/28/23 14:40	n/a	(unrelated sample)
ZZZZZZ	AA106215.D	12/28/23 14:50	n/a	(unrelated sample)
JD79007-7	AA106216.D	12/28/23 15:12	n/a	(used for QC only; not part of job JD79113)
JD79007-7	AA106217.D	12/28/23 15:25	n/a	(used for QC only; not part of job JD79113)
JD79007-7DUP	AA106218.D	12/28/23 15:39	n/a	Duplicate
ZZZZZZ	AA106219.D	12/28/23 15:52	n/a	(unrelated sample)
ZZZZZZ	AA106220.D	12/28/23 16:05	n/a	(unrelated sample)
GAA2966-CC2870	AA106221.D	12/28/23 16:20	n/a	Continuing cal 100

GC Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106213.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 2:31 pm
Operator : moniquel
Sample : jd79113-1
Misc : GC62694,GAA2966,,,,,1
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 14:41:12 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	1.389	3710594	163.155	PPMV
2)	Ethane	1.798	225010	5.215	PPMV
3)	Ethene	2.467	16482	0.384	PPMV
4)	Propane	2.899	334875	5.218	PPMV

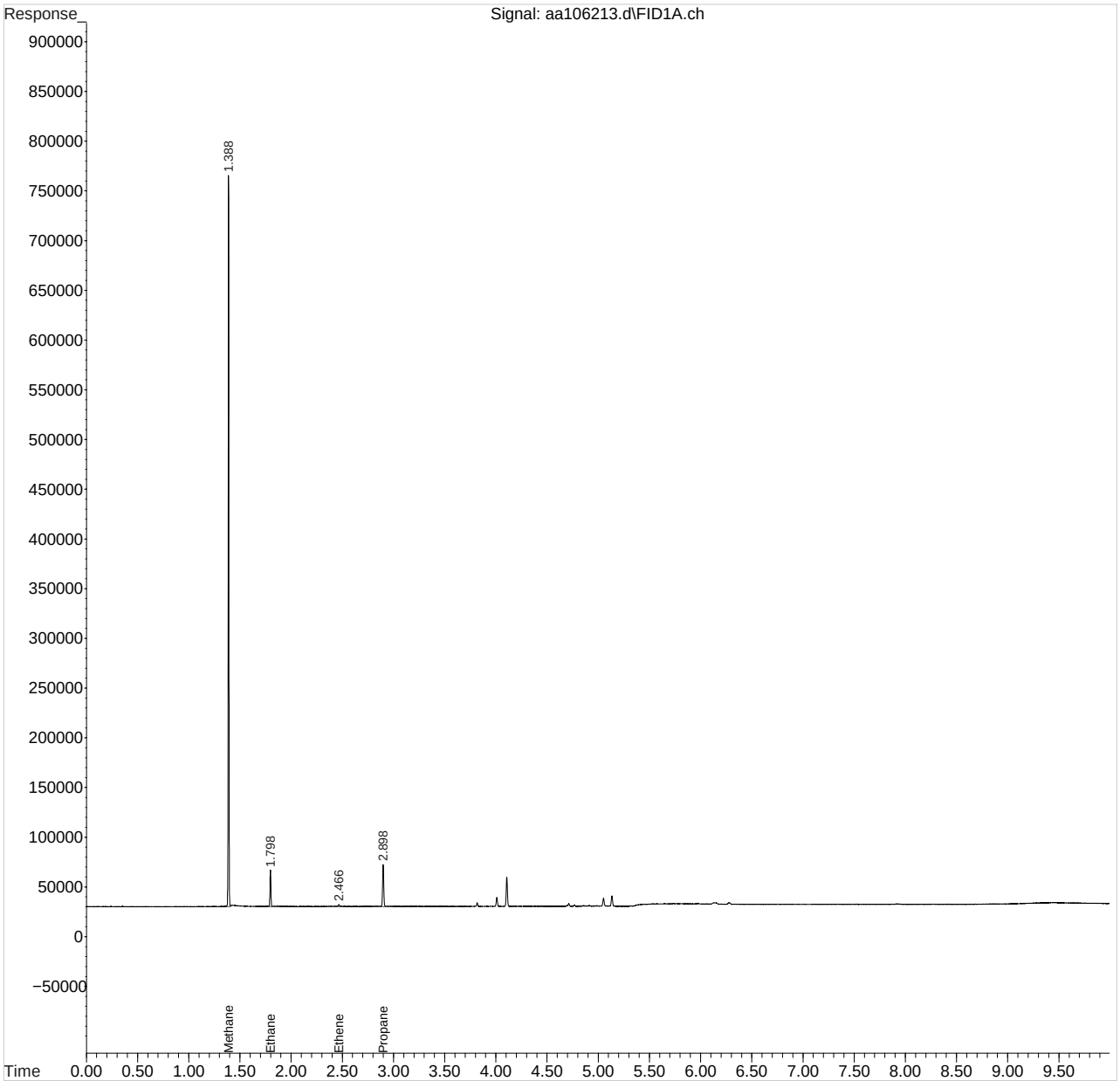
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106213.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 2:31 pm
Operator : moniquel
Sample : jd79113-1
Misc : GC62694,GAA2966,,,,,1
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 14:41:12 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Dissolved Gas Calculation Worksheet

Data File Name **aa106213.d**
Date Acquired **12/28/2023 14:31**
Sample Name **jd79113-1**
Sample Multiplier **1**
Temperature(C) **24**
Headspace Vol. (cc) **5**
Sample Vol(cc) **39**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	297	24.37	3710594	60694	160.49	105.37	13.51	40560	3.514	17.02	0.08	**17.02**
ETHANE	30	22.4	55.5	297	24.37	225010	0	5.22	6.42	0.82	29420	0.295	1.118	0.14	**1.118**
ETHYLENE	28	22.4	55.5	297	24.29	16482.08	0	0.38	0.44	0.06	11160	0.053	0.110	0.16	**ND**
Propane	44	22.4	55.5	296	24.29	334875.3	0	5.22	9.45	1.21	35857	0.355	1.567	0.07	**1.567**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	The volume of 1 mole of any gas at standard temperature and pressure(STP)
Water g/Moles	1 Liter of water is equal to 55.5g-moles
Temp-kelvin	Is defined as 273 + degress C
Corrected Gas Density	Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)
Headspace conc(ug/l)	Is equal to (ppmv reading) x (mw/corrected gas density)
Water Concentration(ug/l)	Is equal to headspace conc(ug/l) x headspace vol/sample vol
Saturation Concentration(ug/l)	Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)

Henry's Constants

temp-c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/28/23 16:20

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106184.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:54 am
Operator : moniquel
Sample : mb
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 08:06:03 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.349f	33751	1.484 PPMV m
2)	Ethane	1.765	3762	0.087 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

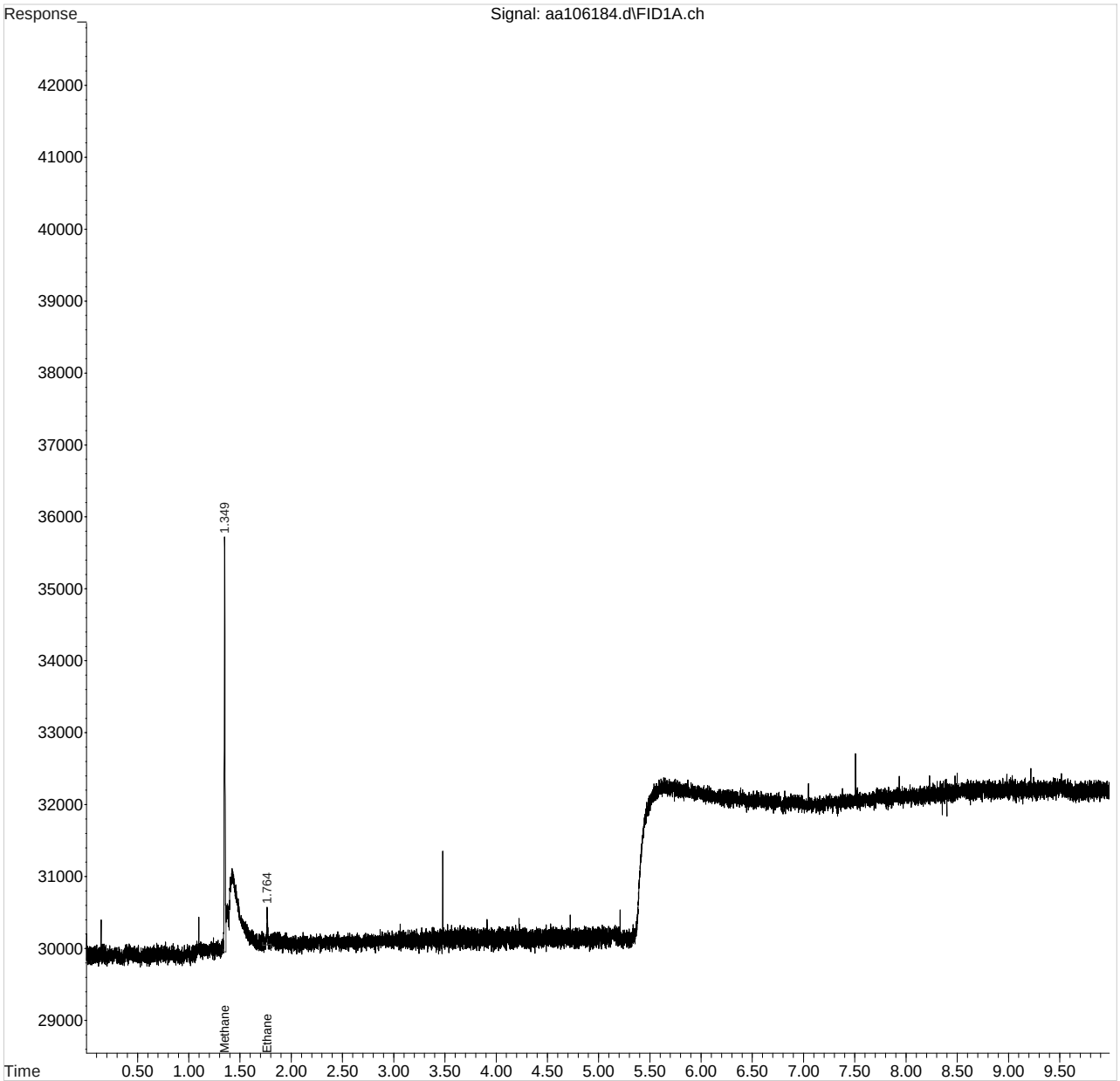
9.2.1
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106184.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:54 am
Operator : moniquel
Sample : mb
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 08:06:03 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integration Approval Summary

Sample Number: GAA2966-MB
Lab FileID: AA106184.D
Injection Time: 12/28/23 07:54

Method: RSK-175
Analyst approved: 12/28/23 15:33 Monique Lherisson
Supervisor approved: 12/28/23 16:20 Kanya Veerawat

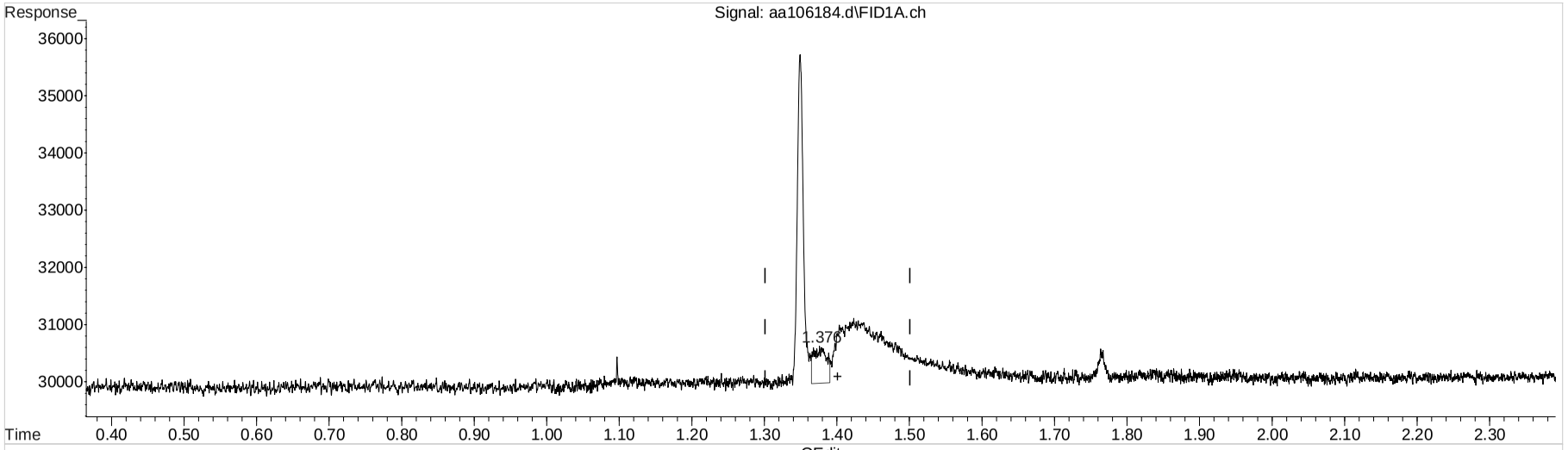
Parameter	CAS	Sig#	R.T. (min.)	Reason
Methane	74-82-8	1	1.35	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa106184.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:54 am
Operator : moniquel
Sample : mb
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 08:04:45 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane
1.378min 0.342PPMV
response 7787

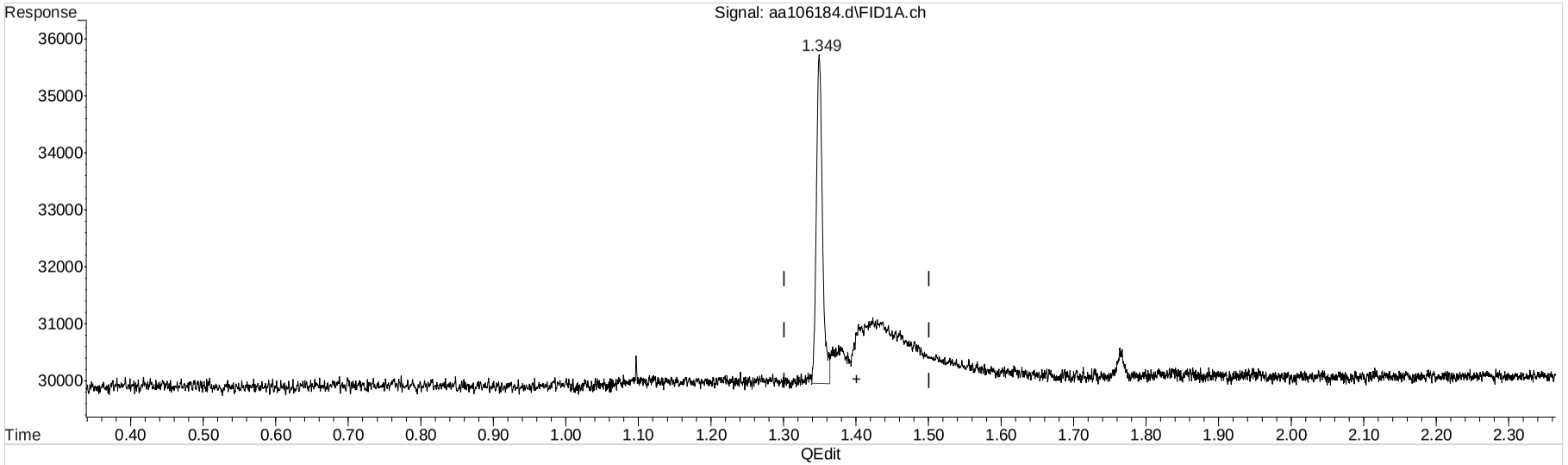
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa106184.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:54 am
Operator : moniquel
Sample : mb
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 08:06:03 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane
1.349min 1.484PPMV m
response 33751

(+) = Expected Retention Time

Dissolved Gas Calculation Worksheet

Data File Name **aa106184.d**
Date Acquired **12/28/2023 7:54**
Sample Name **mb**
Sample Multiplier **1**
Temperature(C) **24**
Headspace Vol. (cc) **5**
Sample Vol(cc) **38**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	297	24.37	33750.83	60694	−1.18	−0.78	−0.1(	40560	−0.02(	−0.1:	0.08	**ND**
ETHANE	30	22.4	55.5	297	24.37	3762	0	0.09	0.11	0.01	29420	0.005	0.019	0.14	**ND**
ETHYLENE	28	22.4	55.5	297	24.29	0	0	#DIV/0!	#DIV/0!	#DIV/0!	11160	#DIV/0!	#DIV/0!	0.16	**#DIV/0!**
Propane	44	22.4	55.5	296	24.29	0	0	#DIV/0!	#DIV/0!	#DIV/0!	35857	#DIV/0!	#DIV/0!	0.07	**#DIV/0!**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	**The volume of 1 mole of any gas at standard temperature and pressure(STP)**
Water g/Moles	**1 Liter of water is equal to 55.5g-moles**
Temp-kelvin	**Is defined as 273 + degress C**
Corrected Gas Density	**Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)**
Headspace conc(ug/l)	**Is equal to (ppmv reading) x (mw/corrected gas density)**
Water Concentration(ug/l)	**Is equal to headspace conc(ug/l) x headspace vol/sample vol**
Saturation Concentration(ug/l)	**Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)**

Henry's Constants

temp−c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106181.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:06 am
Operator : moniquel
Sample : lcs
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 07:16:10 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	1.399	2228508	97.988	PPMV
2)	Ethane	1.807	4179225	96.870	PPMV
3)	Ethene	2.472	4196957	97.792	PPMV
4)	Propane	2.904	6277006	97.806	PPMV

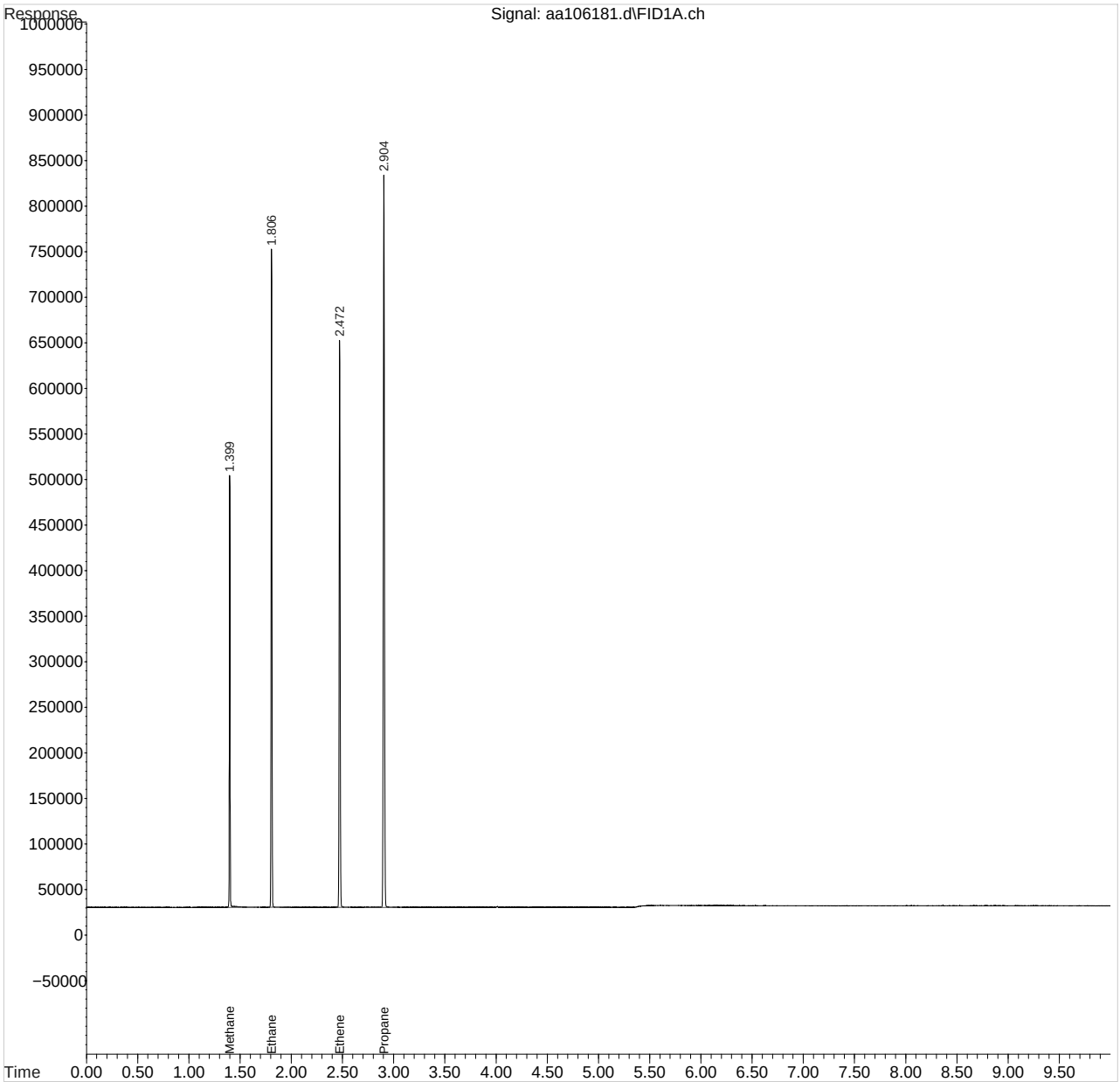
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106181.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 7:06 am
Operator : moniquel
Sample : lcs
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 07:16:10 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Dissolved Gas Calculation Worksheet

Data File Name **aa106181.d**
Date Acquired **12/28/2023 7:06**
Sample Name **lcs**
Sample Multiplier **1**
Temperature(C) **24**
Headspace Vol. (cc) **5**
Sample Vol(cc) **38**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	297	24.37	2228508	0	97.99	64.34	8.47	40560	2.145	10.61	0.08	**10.61**
ETHANE	30	22.4	55.5	297	24.37	4179225	0	96.87	119.25	15.69	29420	5.482	21.173	0.14	**21.173**
ETHYLENE	28	22.4	55.5	297	24.29	4196957	0	97.79	112.36	14.78	11160	13.617	28.402	0.16	**28.402**
Propane	44	22.4	55.5	296	24.29	6277006	0	97.81	177.19	23.31	35857	6.661	29.975	0.07	**29.975**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	**The volume of 1 mole of any gas at standard temperature and pressure(STP)**
Water g/Moles	**1 Liter of water is equal to 55.5g-moles**
Temp-kelvin	**Is defined as 273 + degress C**
Corrected Gas Density	**Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)**
Headspace conc(ug/l)	**Is equal to (ppmv reading) x (mw/corrected gas density)**
Water Concentration(ug/l)	**Is equal to headspace conc(ug/l) x headspace vol/sample vol**
Saturation Concentration(ug/l)	**Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)**

Henry's Constants

temp-c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/28/23 16:33

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106190.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 9:18 am
Operator : moniquel
Sample : jd78848-6dup
Misc : GC62663,GAA2966,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 09:28:59 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.396	84822	3.730 PPMV m

(f)=RT Delta > 1/2 Window (m)=manual int.

9.4.1

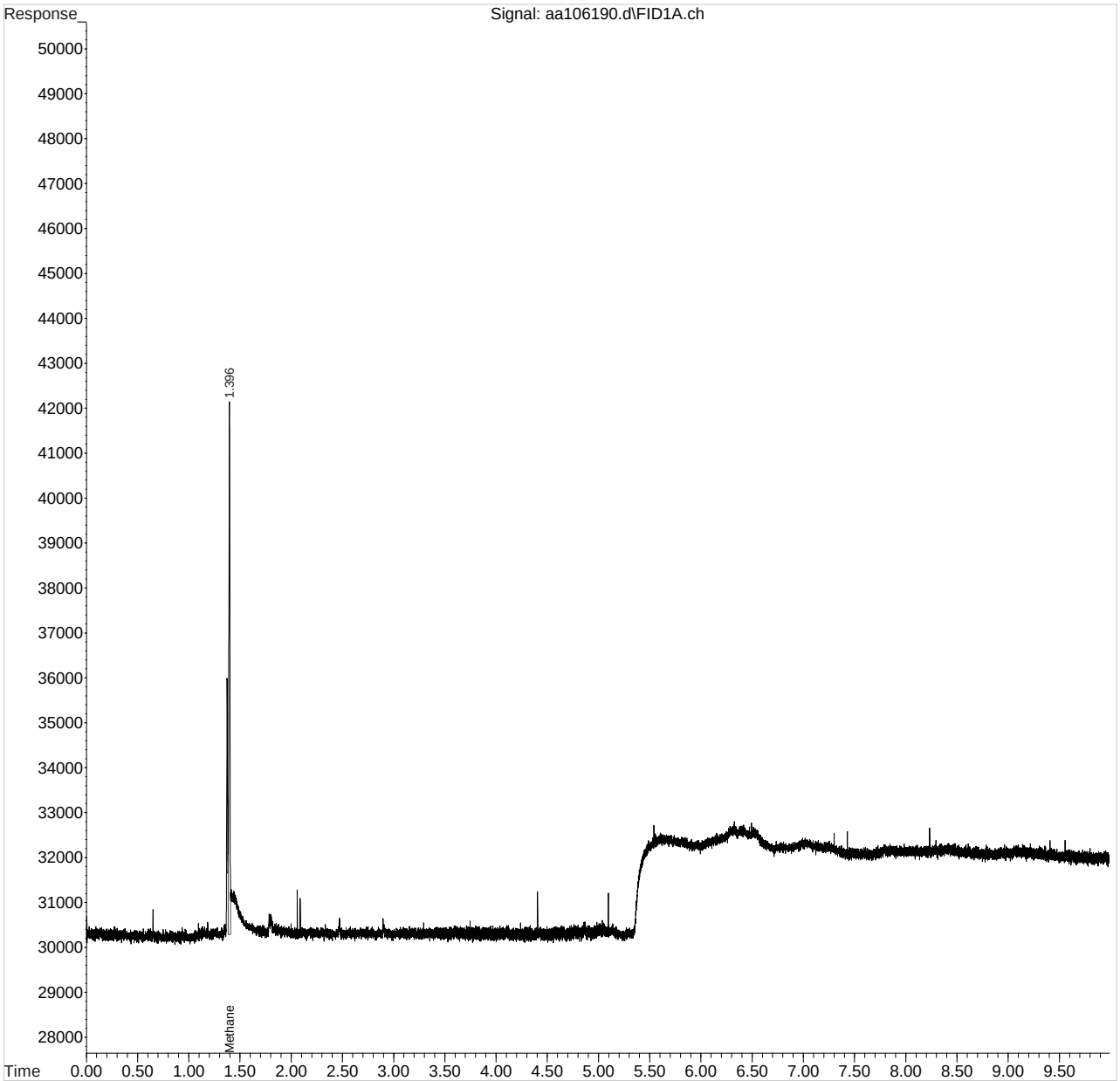
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106190.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 9:18 am
Operator : moniquel
Sample : jd78848-6dup
Misc : GC62663,GAA2966,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 09:28:59 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integration Approval Summary

Sample Number:	JD78848-6DUP	**Method:**	RSK-175
Lab FileID:	AA106190.D	**Analyst approved:**	12/28/23 15:33 Monique Lherisson
Injection Time:	12/28/23 09:18	**Supervisor approved:**	12/28/23 16:33 Kanya Veerawat

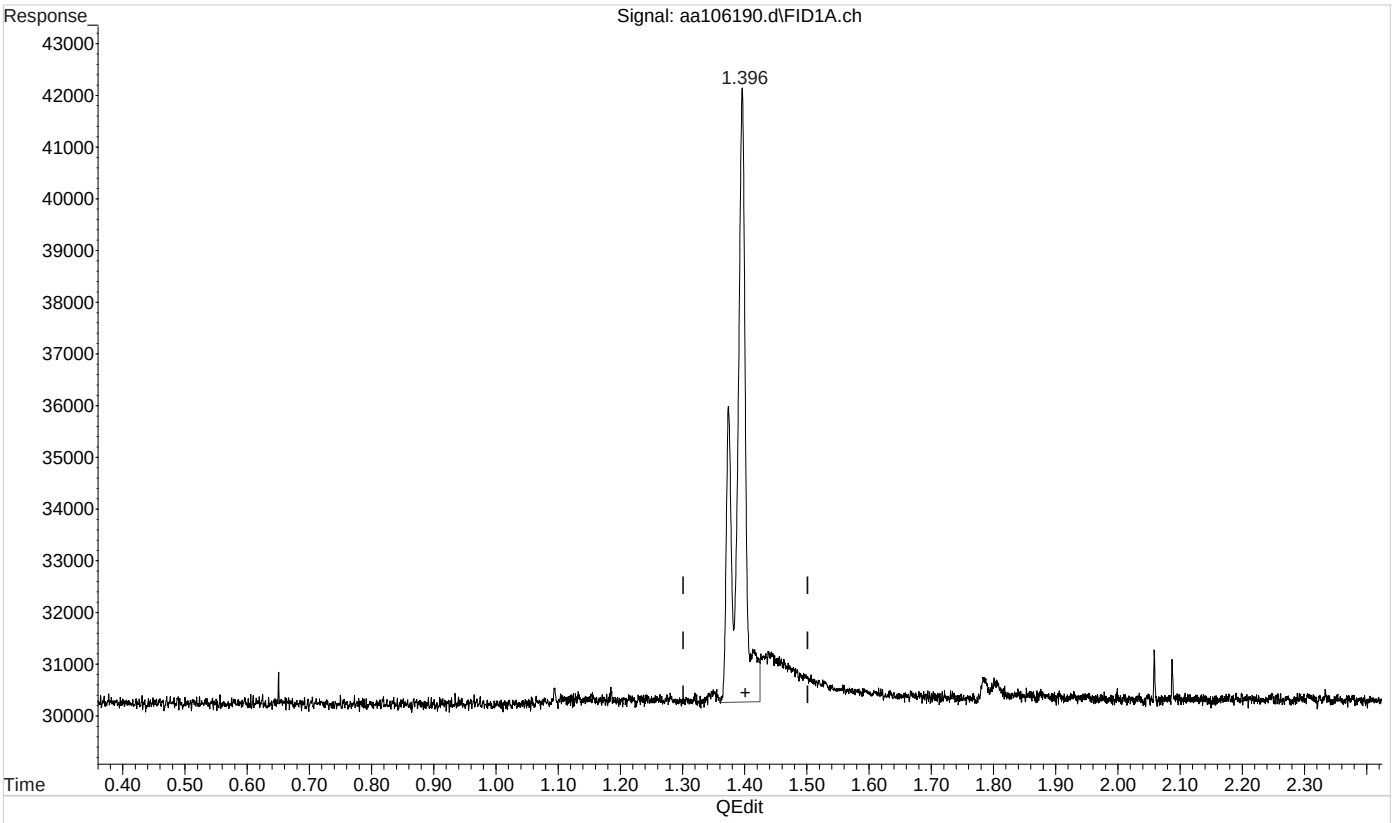
Parameter	CAS	Sig#	R.T. (min.)	Reason
Methane	74-82-8	1	1.40	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa106190.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 9:18 am
Operator : moniquel
Sample : jd78848-6dup
Misc : GC62663,GAA2966,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 09:28:26 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.396min 5.586PPMV

response 127032

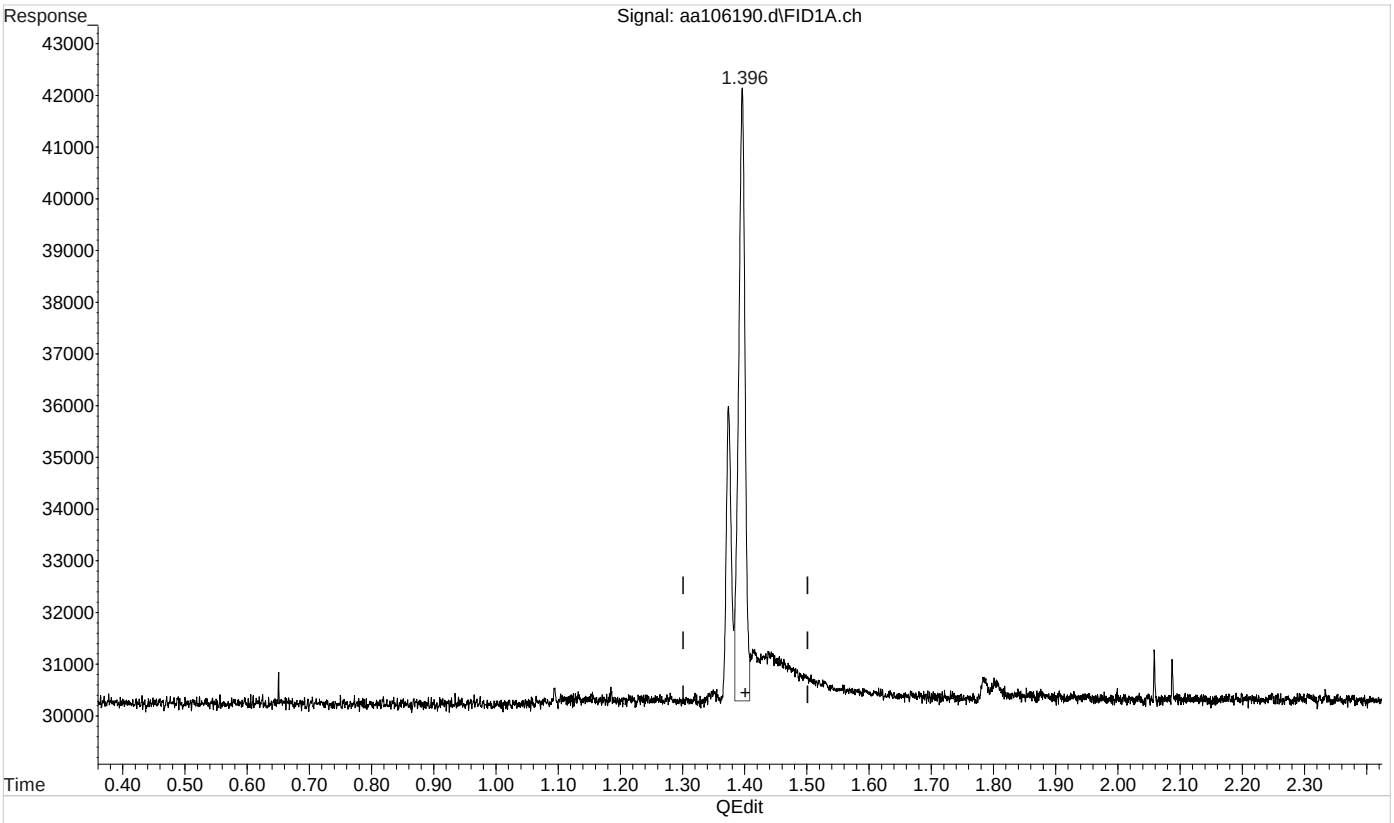
(+) = Expected Retention Time
MAA2870.M Thu Dec 28 09:28:40 2023 AA

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa106190.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 9:18 am
Operator : moniquel
Sample : jd78848-6dup
Misc : GC62663,GAA2966,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 09:28:26 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.396min 3.730PPMV m

response 84822

(+) = Expected Retention Time
MAA2870.M Thu Dec 28 09:29:02 2023 AA

Dissolved Gas Calculation Worksheet

Data File Name **aa106190.d**
Date Acquired **12/28/2023 9:18**
Sample Name **jd78848-6dup**
Sample Multiplier **1**
Temperature(C) **24**
Headspace Vol. (cc) **5**
Sample Vol(cc) **39**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	297	24.37	84822.27	60694	1.06	0.70	0.09	40560	0.023	0.11	0.08	**0.11**
ETHANE	30	22.4	55.5	297	24.37	0	0	#DIV/0!	#DIV/0!	#DIV/0!	29420	#DIV/0!	#DIV/0!	0.14	**#DIV/0!**
ETHYLENE	28	22.4	55.5	297	24.29	0	0	#DIV/0!	#DIV/0!	#DIV/0!	11160	#DIV/0!	#DIV/0!	0.16	**#DIV/0!**
Propane	44	22.4	55.5	296	24.29	0	0	#DIV/0!	#DIV/0!	#DIV/0!	35857	#DIV/0!	#DIV/0!	0.07	**#DIV/0!**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	The volume of 1 mole of any gas at standard temperature and pressure(STP)
Water g/Moles	1 Liter of water is equal to 55.5g-moles
Temp-kelvin	Is defined as 273 + degress C
Corrected Gas Density	Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)
Headspace conc(ug/l)	Is equal to (ppmv reading) x (mw/corrected gas density)
Water Concentration(ug/l)	Is equal to headspace conc(ug/l) x headspace vol/sample vol
Saturation Concentration(ug/l)	Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)

Henry's Constants

temp-c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103371.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 10:50 am
Operator : williamc
Sample : ic2870-1.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:49:40 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.400	29008	1.272 PPMV
2)	Ethane	1.808	49048	1.107 PPMV
3)	Ethene	2.463	48562	1.092 PPMV
4)	Propane	2.895	71742	1.080 PPMV

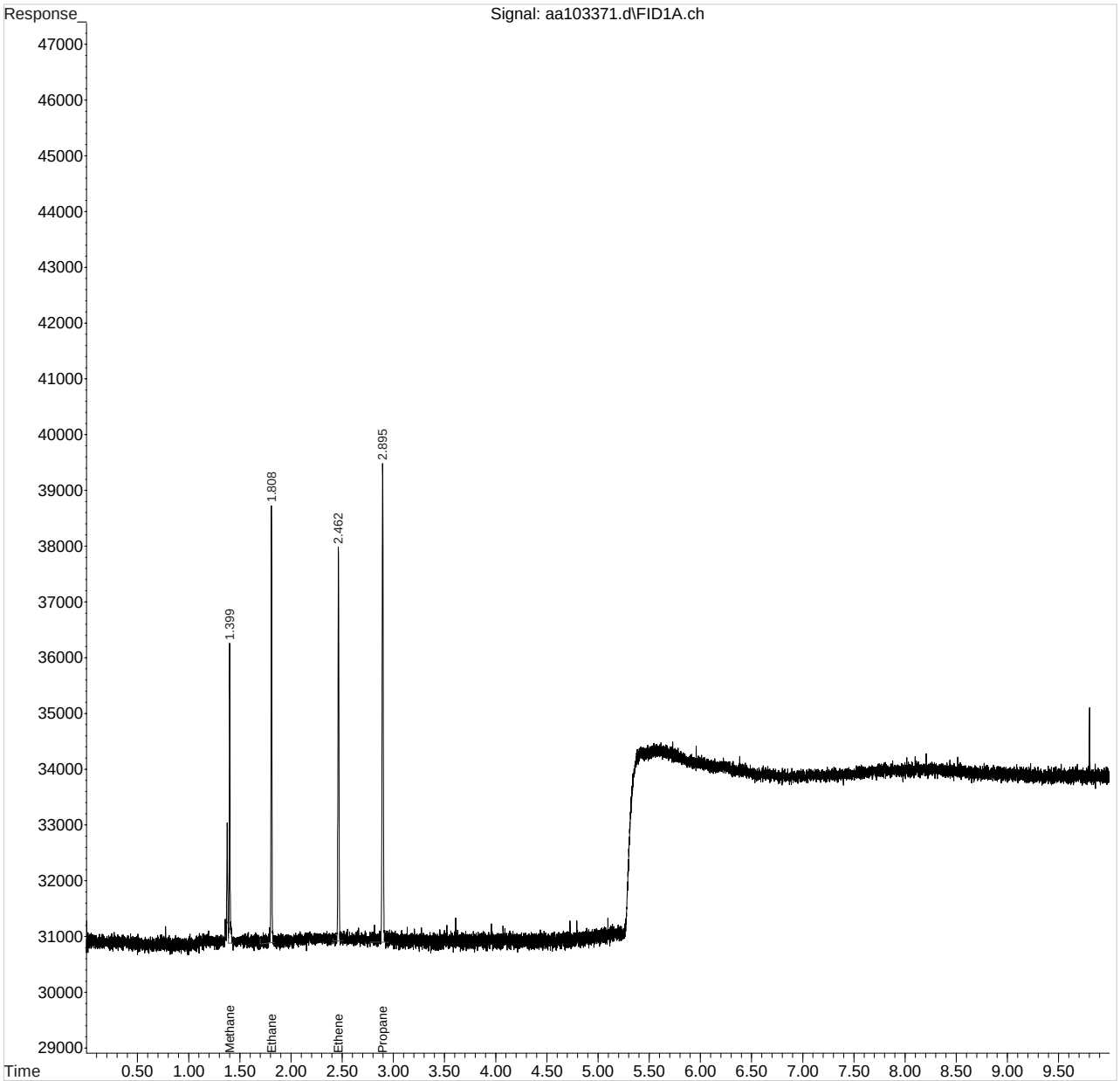
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103371.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 10:50 am
Operator : williamc
Sample : ic2870-1.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:49:40 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 08/31/23 19:40

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.396	48423	2.123 PPMV m
2)	Ethane	1.804	94064	2.123 PPMV
3)	Ethene	2.461	89835	2.020 PPMV m
4)	Propane	2.894	131896	1.985 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

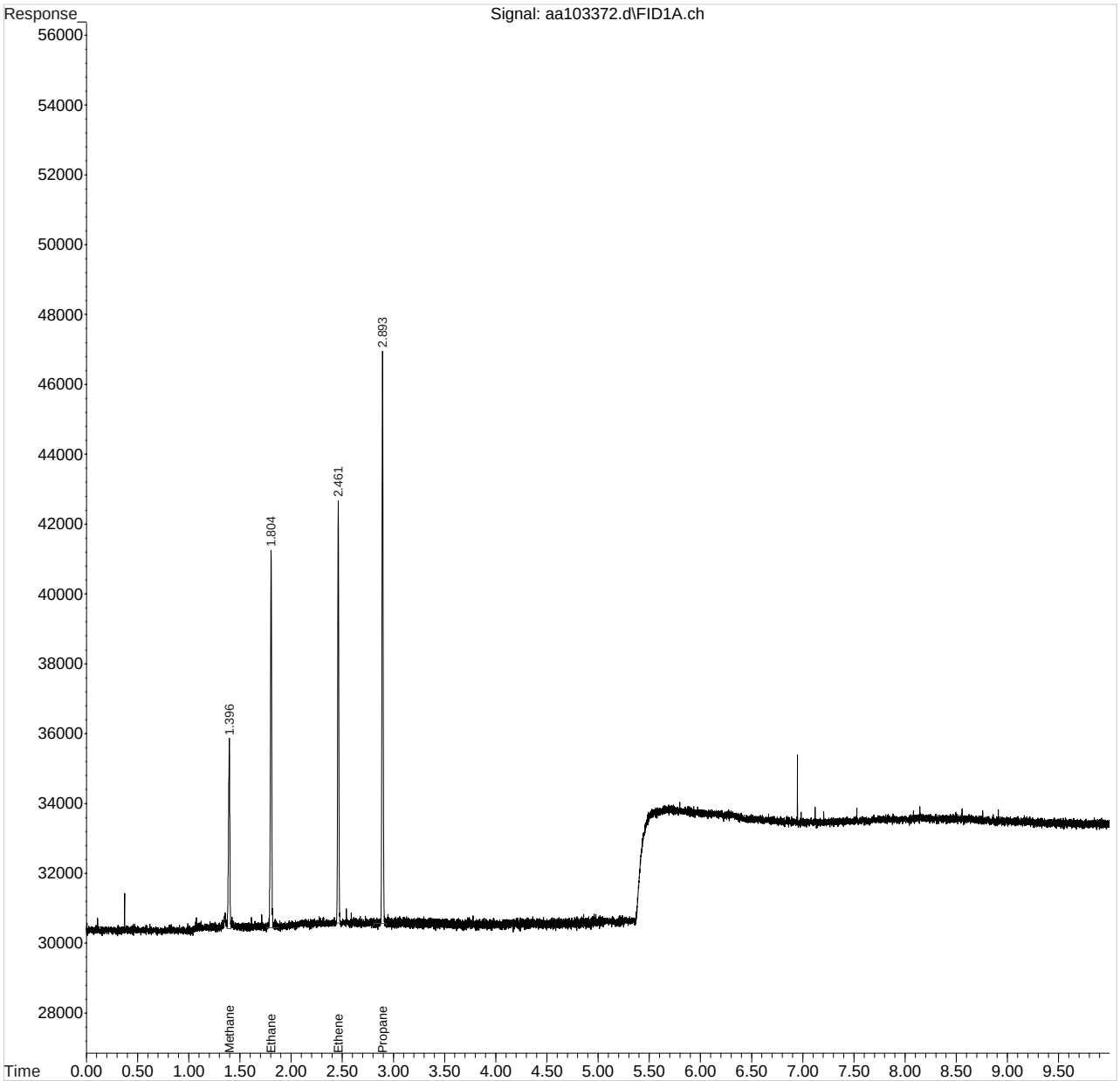
9.5.2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integration Approval Summary

Sample Number: GAA2870-IC2870
Lab FileID: AA103372.D
Injection Time: 08/31/23 11:11
Method: RSK-175
Analyst approved: 08/31/23 13:23 William Cruser
Supervisor approved: 08/31/23 19:40 Kanya Veerawat

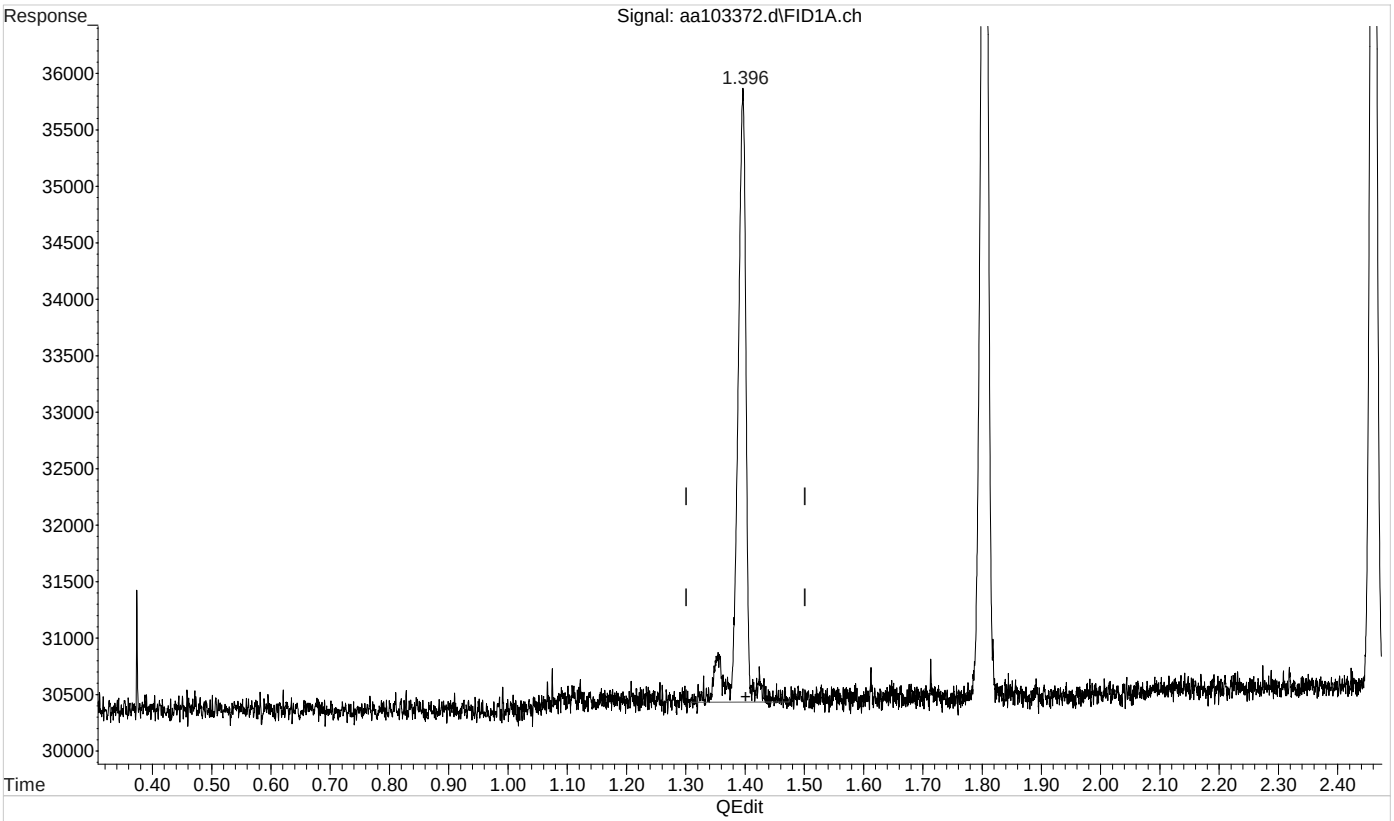
Parameter	CAS	Sig#	R.T. (min.)	Reason
Methane	74-82-8	1	1.40	Poorly defined baseline
Ethene	74-85-1	1	2.46	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:00 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.395min 2.434PPMV

response 55516

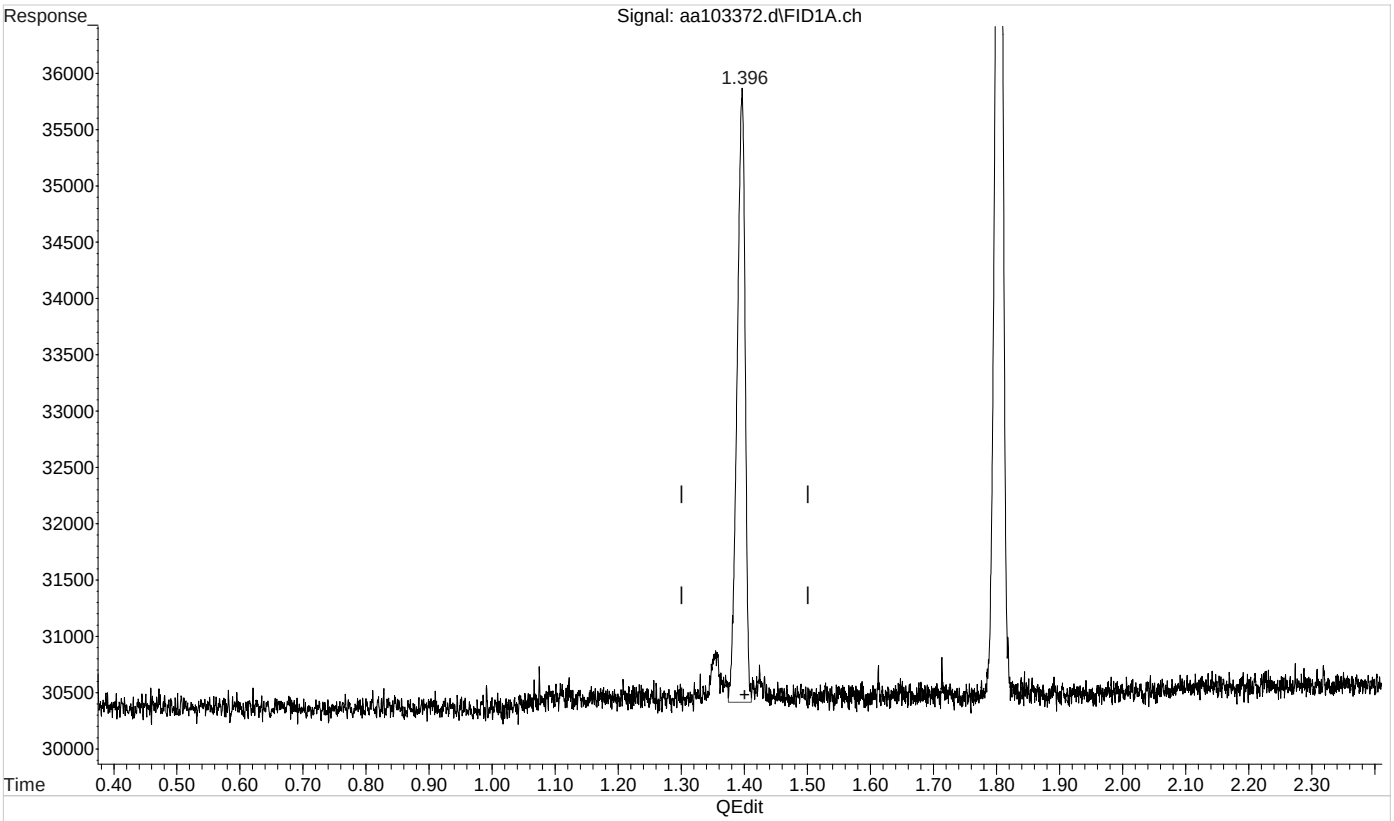
(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:50:06 2023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:00 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.396min 2.123PPMV m

response 48423

(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:50:19 2023

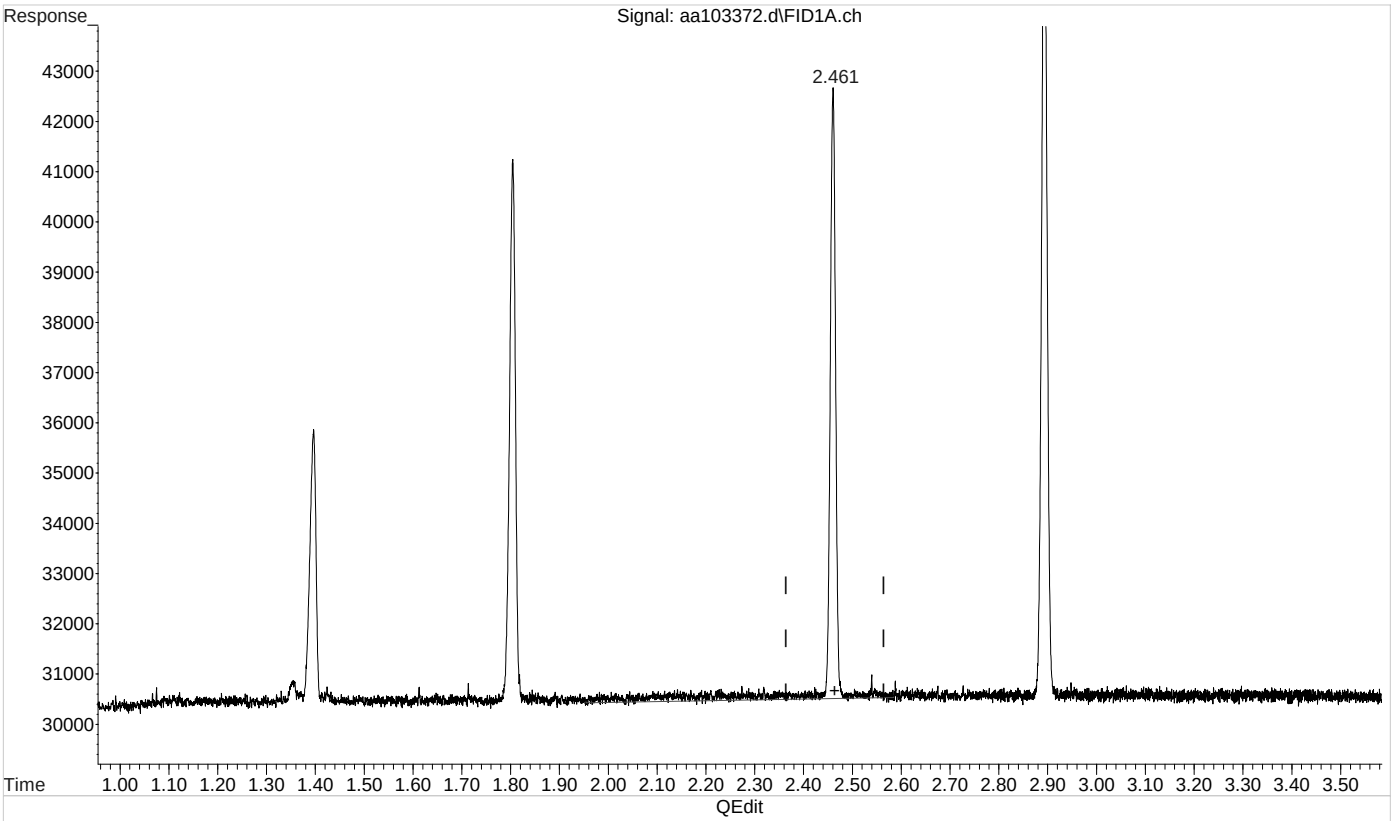
9.5.23
9

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:00 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(3) Ethene

2.461min 2.652PPMV

response 117976

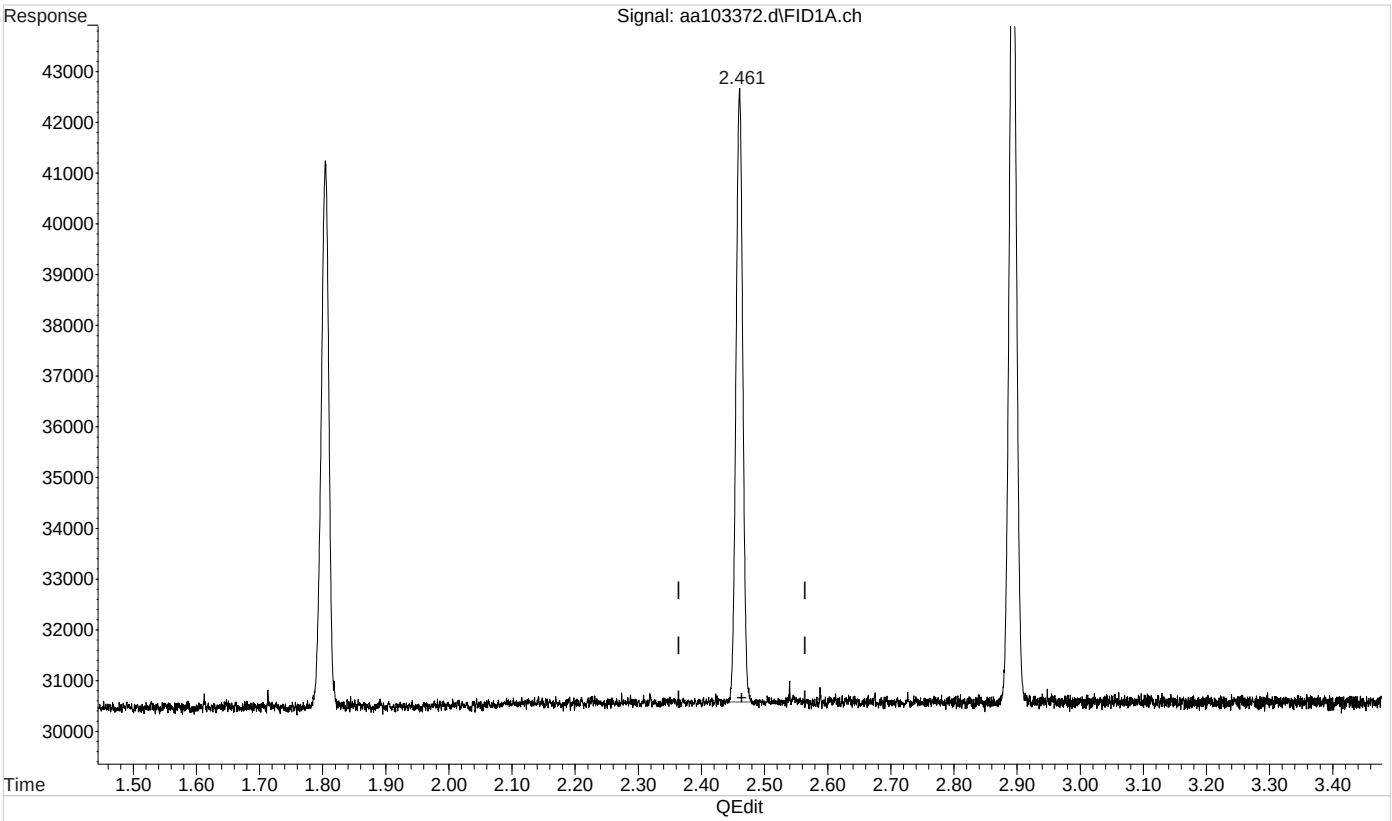
(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:50:24 2023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103372.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:11 am
Operator : williamc
Sample : ic2870-2.0
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:00 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(3) Ethene

2.461min 2.020PPMV m

response 89835

(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:50:37 2023

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103373.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:25 am
Operator : williamc
Sample : ic2870-10
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:56 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.389	207395	9.092 PPMV
2)	Ethane	1.798	393730	8.888 PPMV
3)	Ethene	2.457	395243	8.886 PPMV
4)	Propane	2.891	592405	8.915 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.3

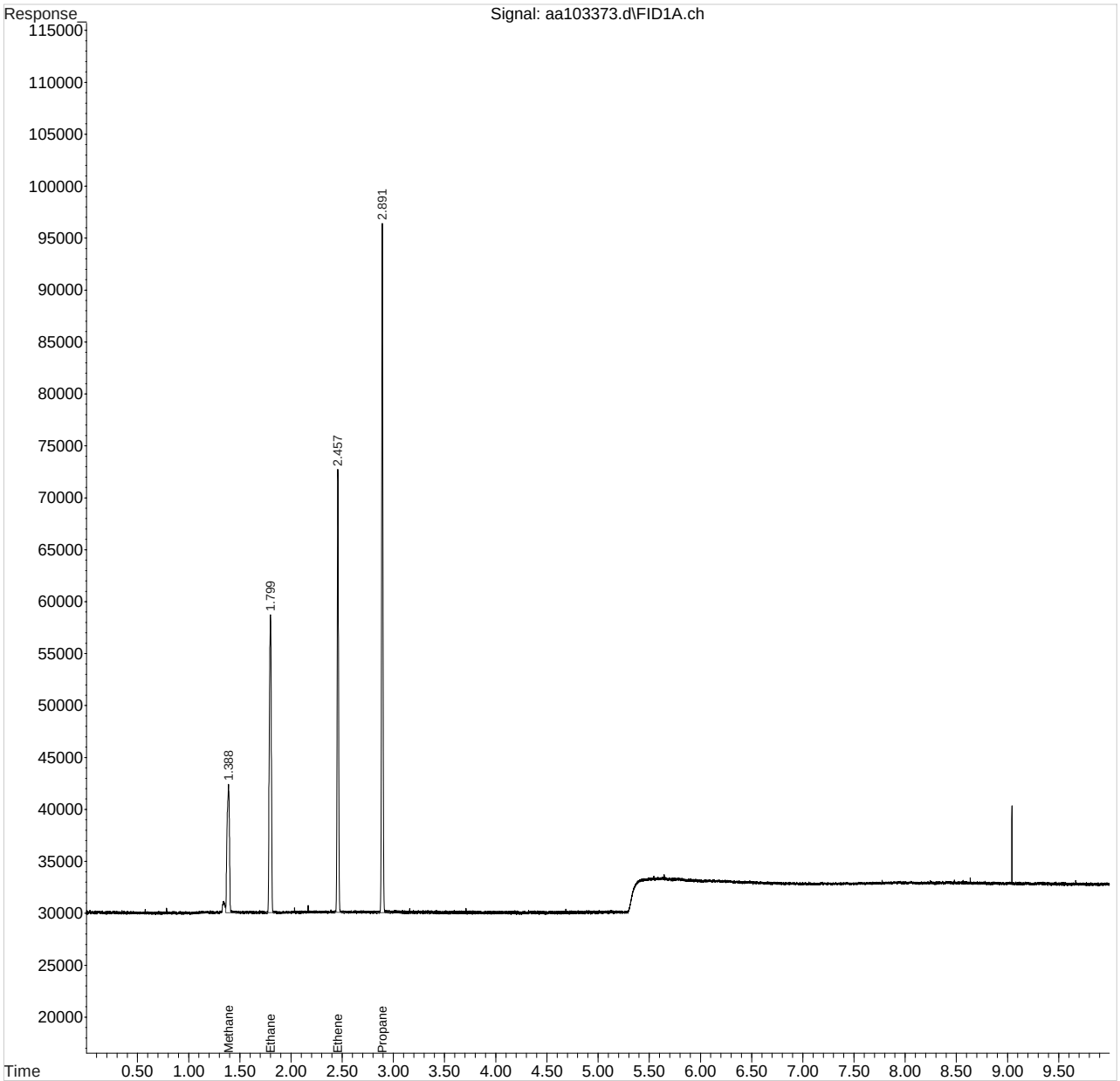
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103373.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:25 am
Operator : williamc
Sample : ic2870-10
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:50:56 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103375.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:54 am
Operator : williamc
Sample : ic2870-20
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:15 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.398	452935	19.857 PPMV
2)	Ethane	1.807	873550	19.719 PPMV
3)	Ethene	2.463	877526	19.729 PPMV
4)	Propane	2.895	1341446	20.187 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.4

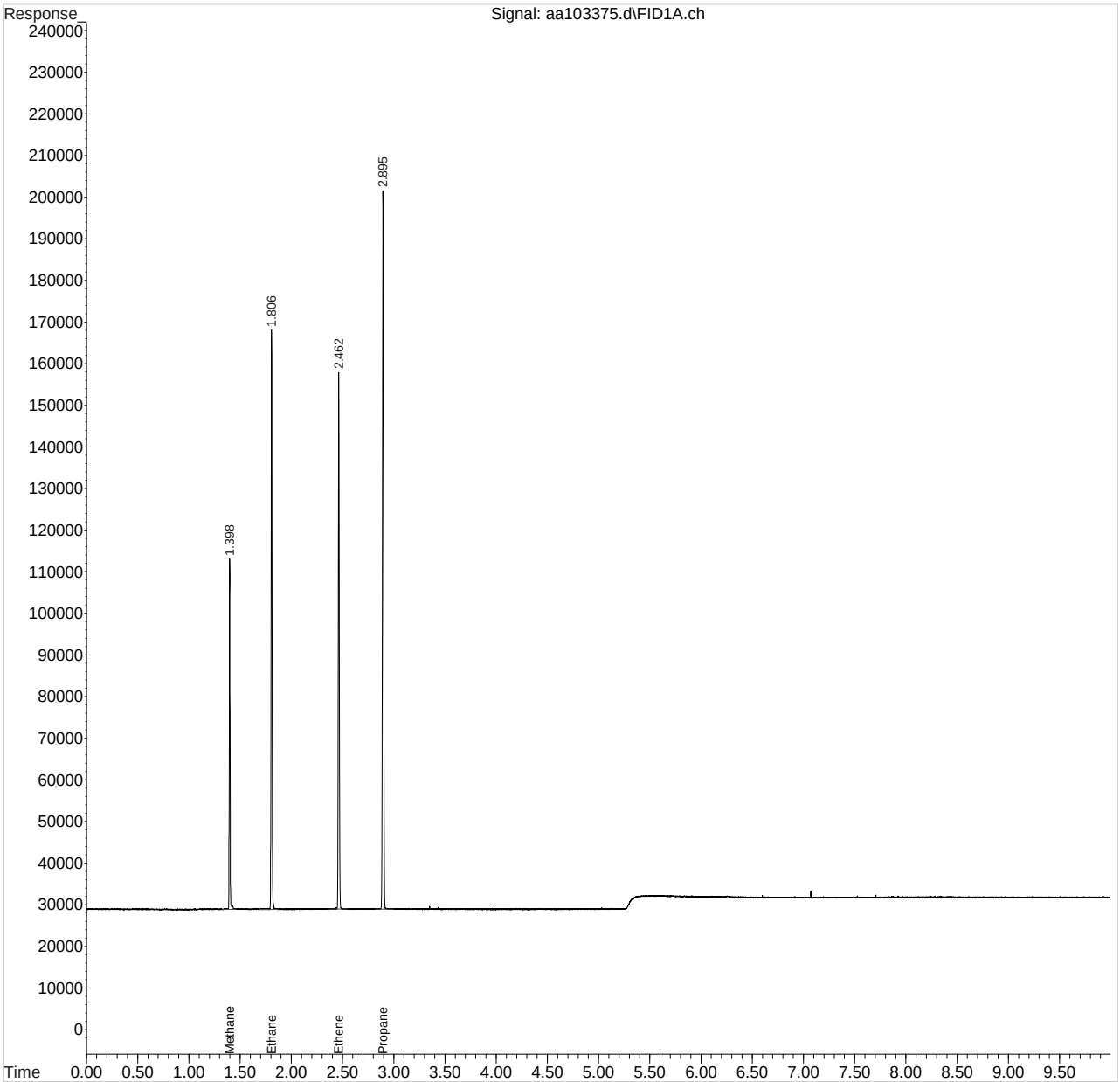
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103375.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 11:54 am
Operator : williamc
Sample : ic2870-20
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:15 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 08/31/23 19:40

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:44:14 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	1.401	2281042	92.953	PPMV m
2)	Ethane	1.809f	4429900	100.882	PPMV m
3)	Ethene	2.464	4447919	100.683	PPMV
4)	Propane	2.896	6644984	98.639	PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

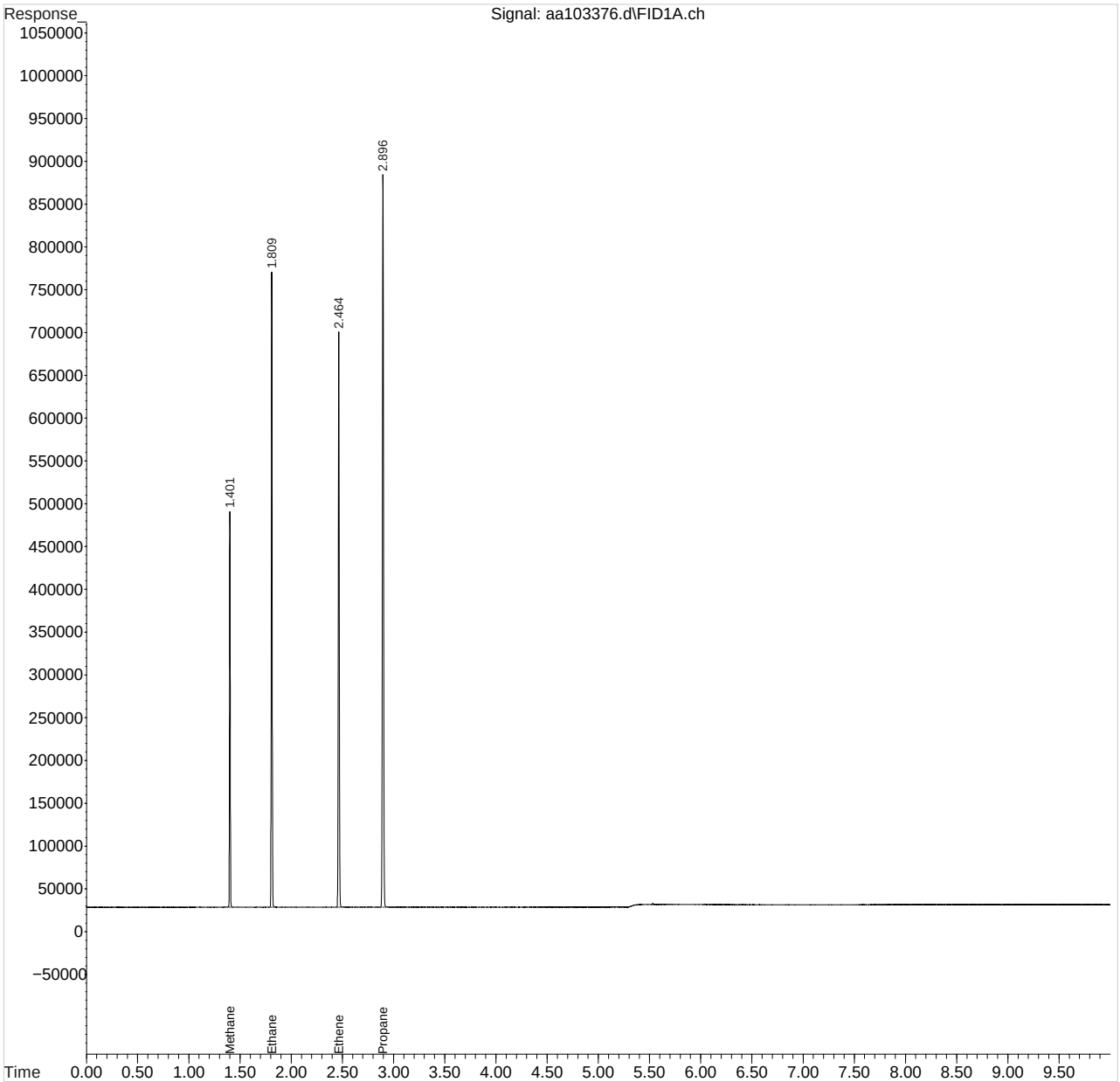
9.5.5
6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:44:14 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Manual Integration Approval Summary

Sample Number: GAA2870-ICC2870 **Method:** RSK-175
Lab FileID: AA103376.D **Analyst approved:** 08/31/23 13:23 William Cruser
Injection Time: 08/31/23 12:09 **Supervisor approved:** 08/31/23 19:40 Kanya Veerawat

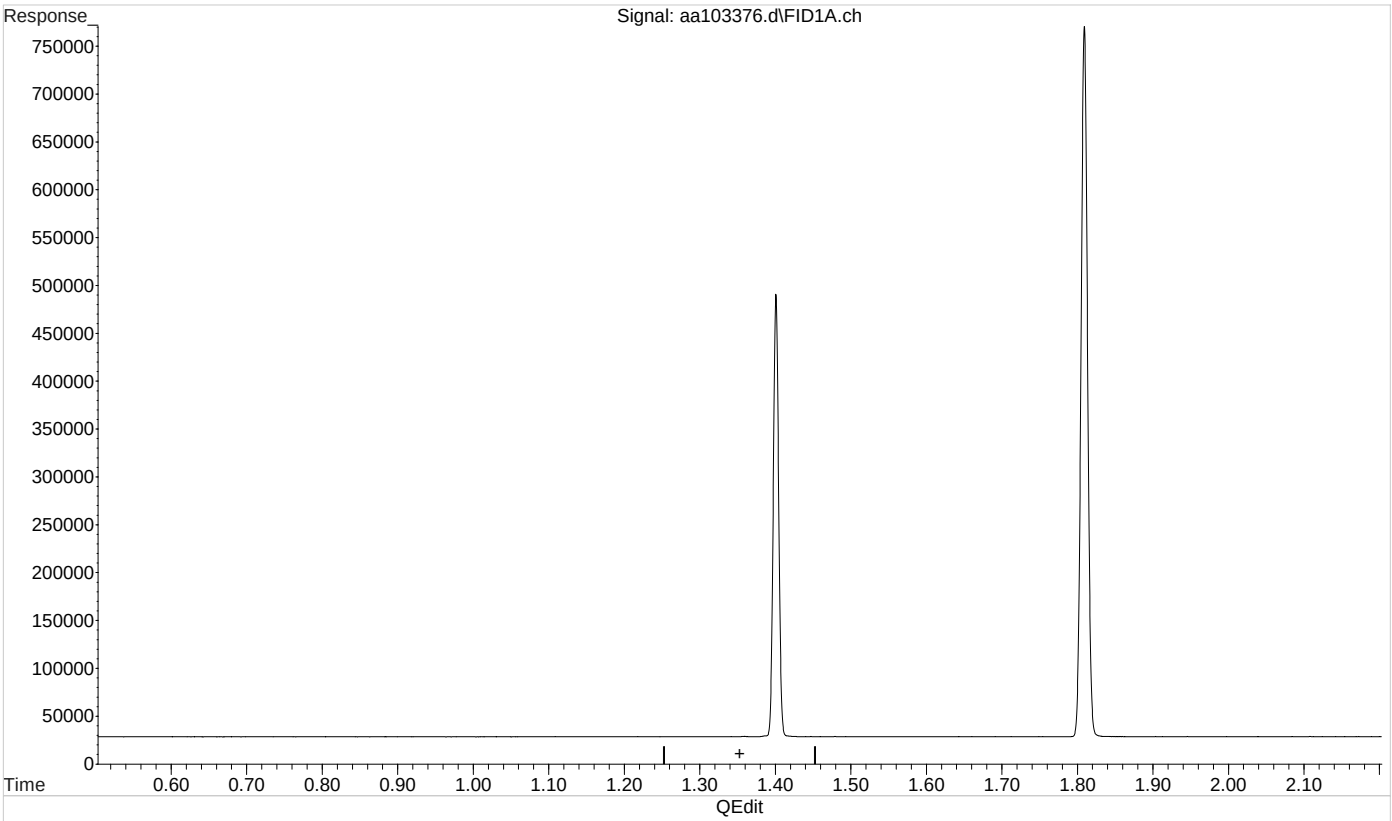
Parameter	CAS	Sig#	R.T. (min.)	Reason
Methane	74-82-8	1	1.40	Poorly defined baseline
Ethane	74-84-0	1	1.81	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:43:30 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.353min 0.000PPMV

response 0

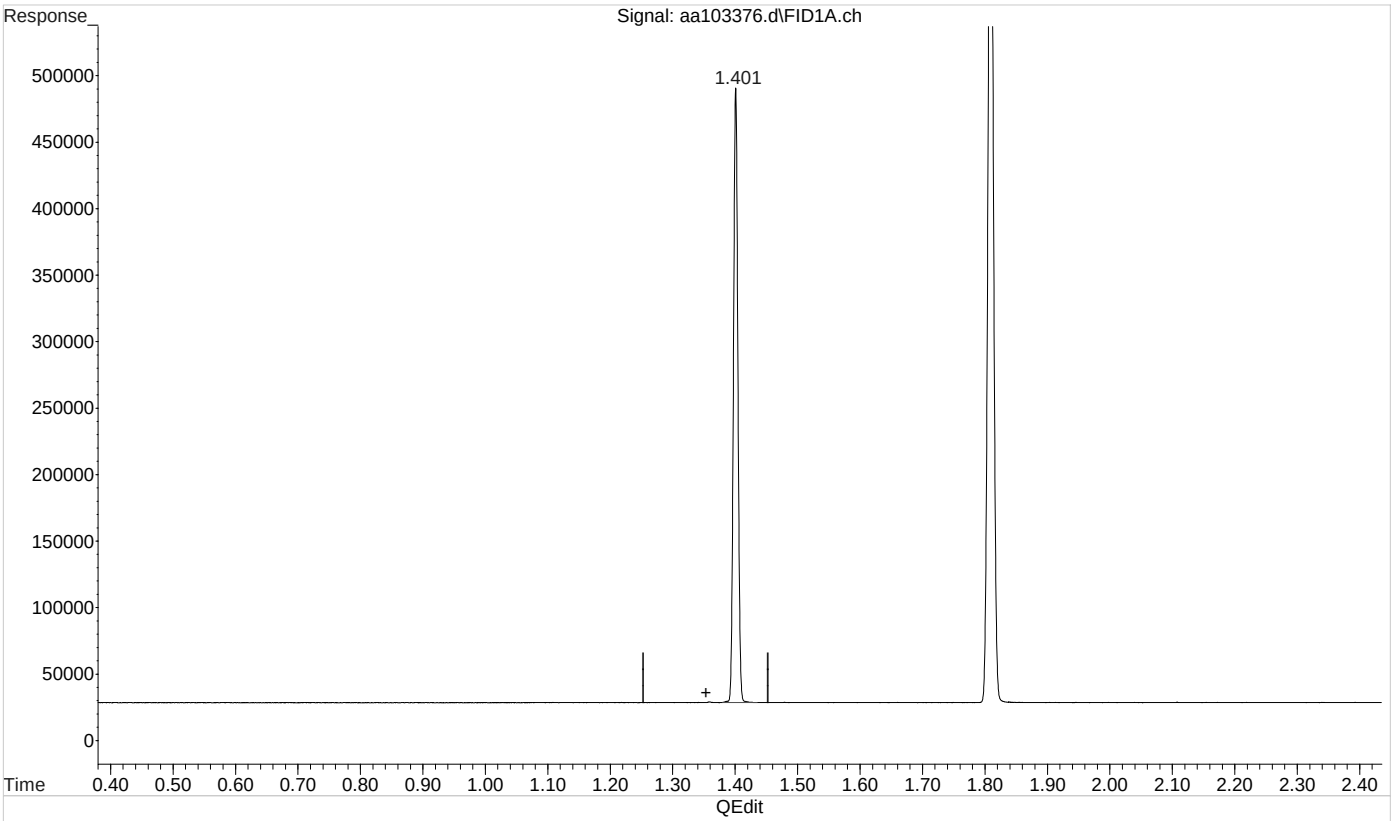
(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:43:45 2023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:43:30 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(1) Methane

1.401min 92.953PPMV m

response 2281042

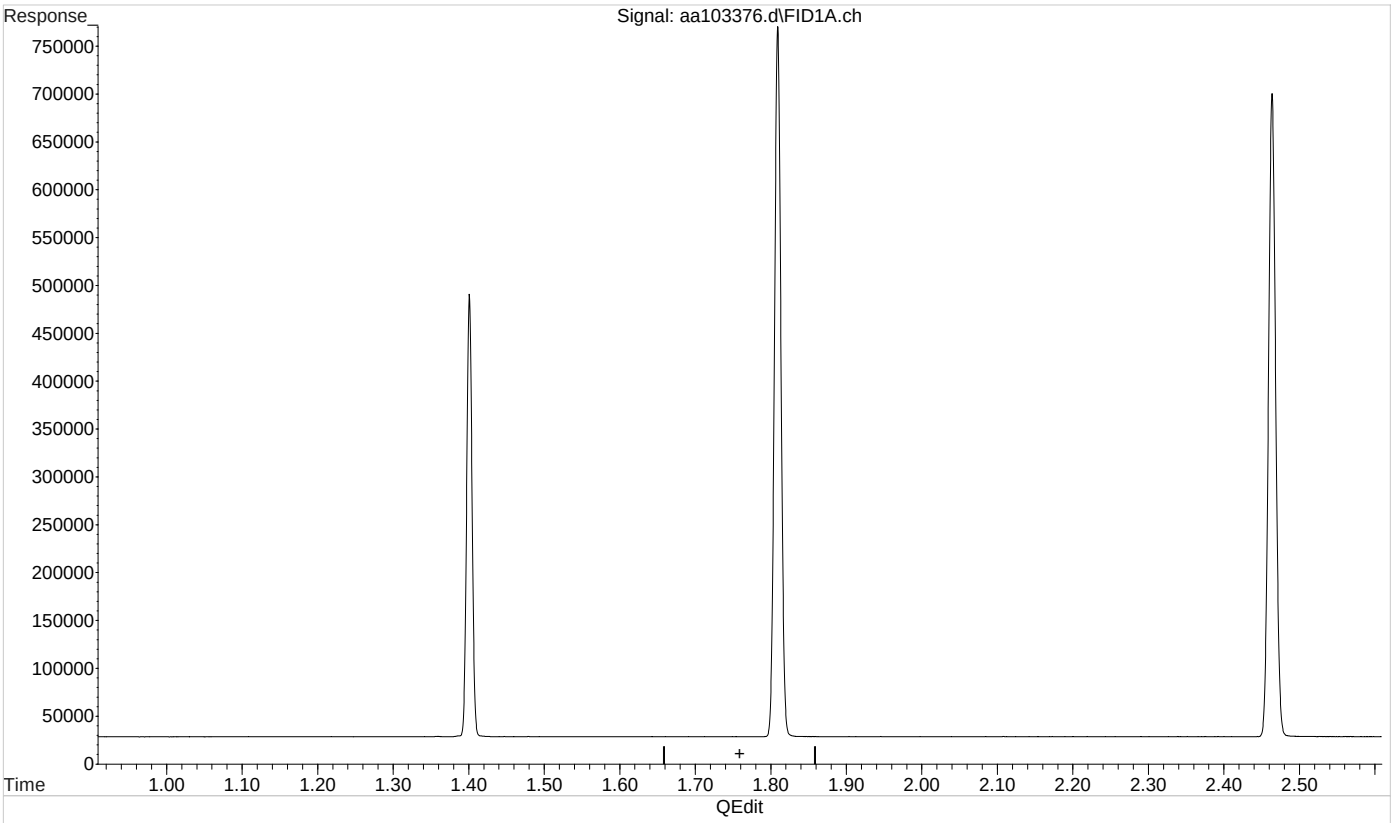
(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:43:58 2023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:43:30 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(2) Ethane

1.759min 0.000PPMV

response 0

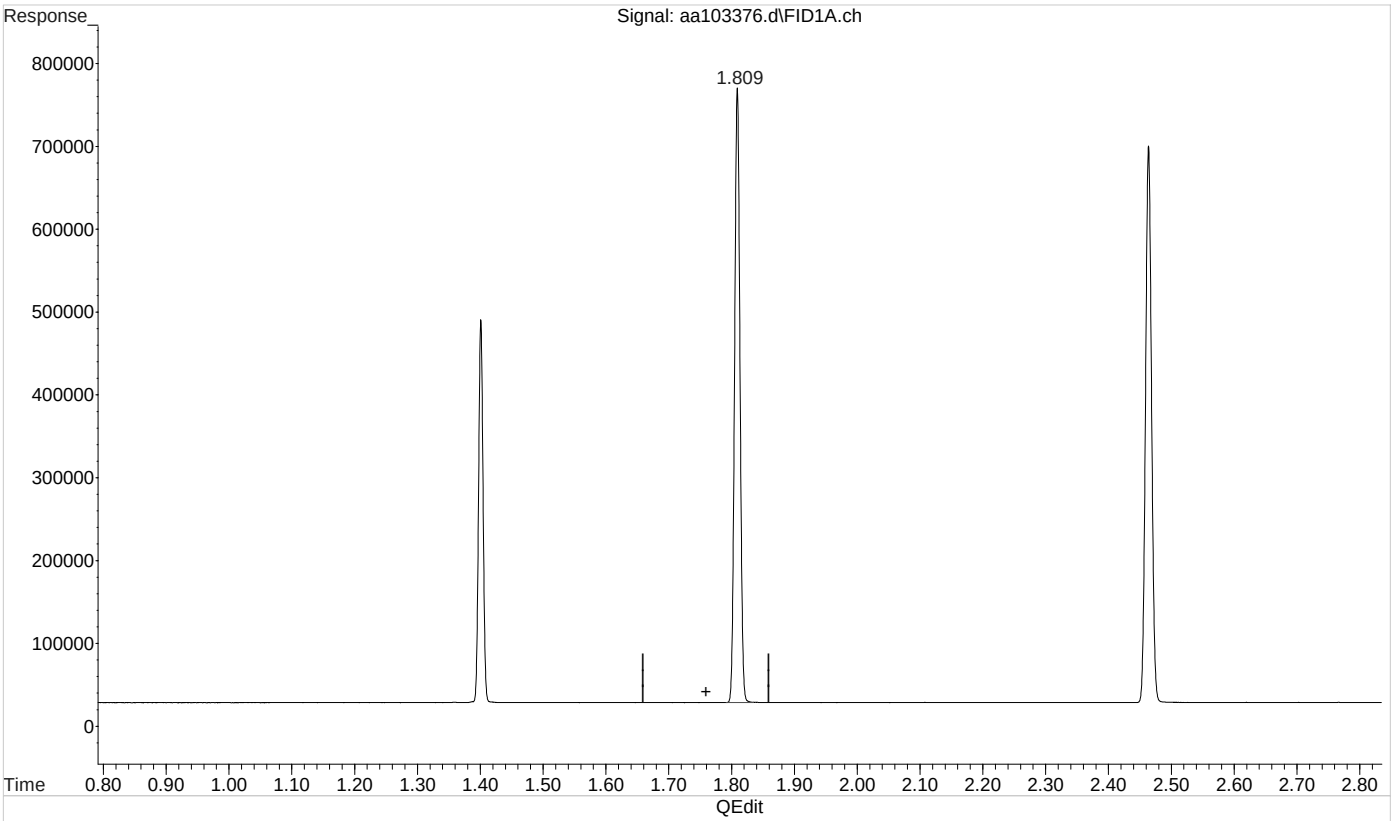
(+) = Expected Retention Time
MAA2870.M Thu Aug 31 12:44:04 2023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : aa103376.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:09 pm
Operator : williamc
Sample : icc2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:43:30 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Mon Dec 06 16:10:37 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



(2) Ethane

1.809min 100.882PPMV m

response 4429900

(+) = Expected Retention Time

MAA2870.M Thu Aug 31 12:44:18 2023 Page: 1

AA103376.D edits: Ethane

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103377.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:23 pm
Operator : williamc
Sample : ic2870-200
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	1.392	4475715	196.214	PPMV
2)	Ethane	1.803	8721598	196.880	PPMV
3)	Ethene	2.461	8737878	196.449	PPMV
4)	Propane	2.893	13055867	196.477	PPMV

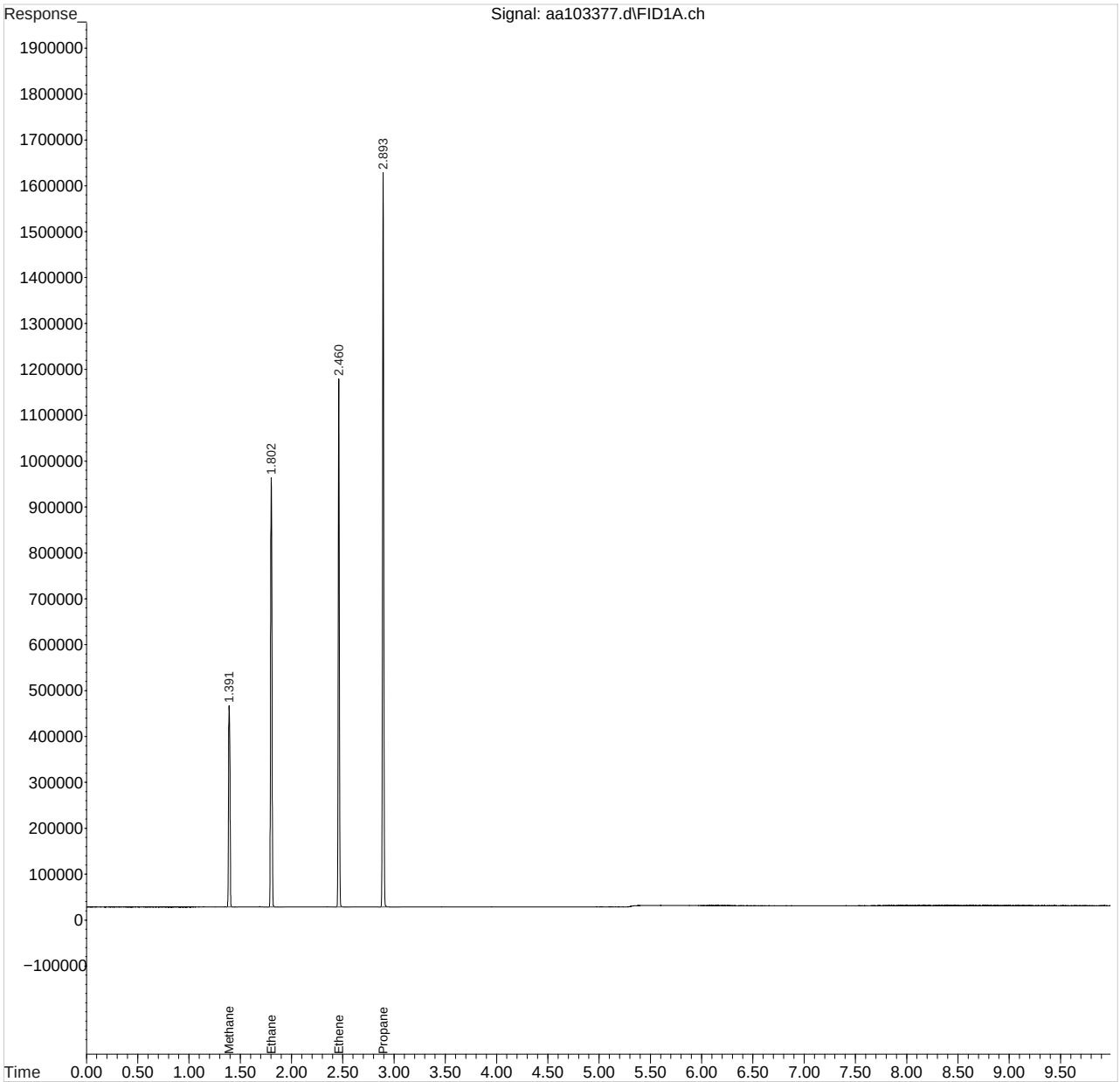
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103377.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:23 pm
Operator : williamc
Sample : ic2870-200
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103378.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:35 pm
Operator : williamc
Sample : ic2870-500
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:47 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.386	9767671	428.211 PPMV
2)	Ethane	1.798	19096980	431.093 PPMV
3)	Ethene	2.458	19143427	430.391 PPMV
4)	Propane	2.891	28898581	434.893 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.7

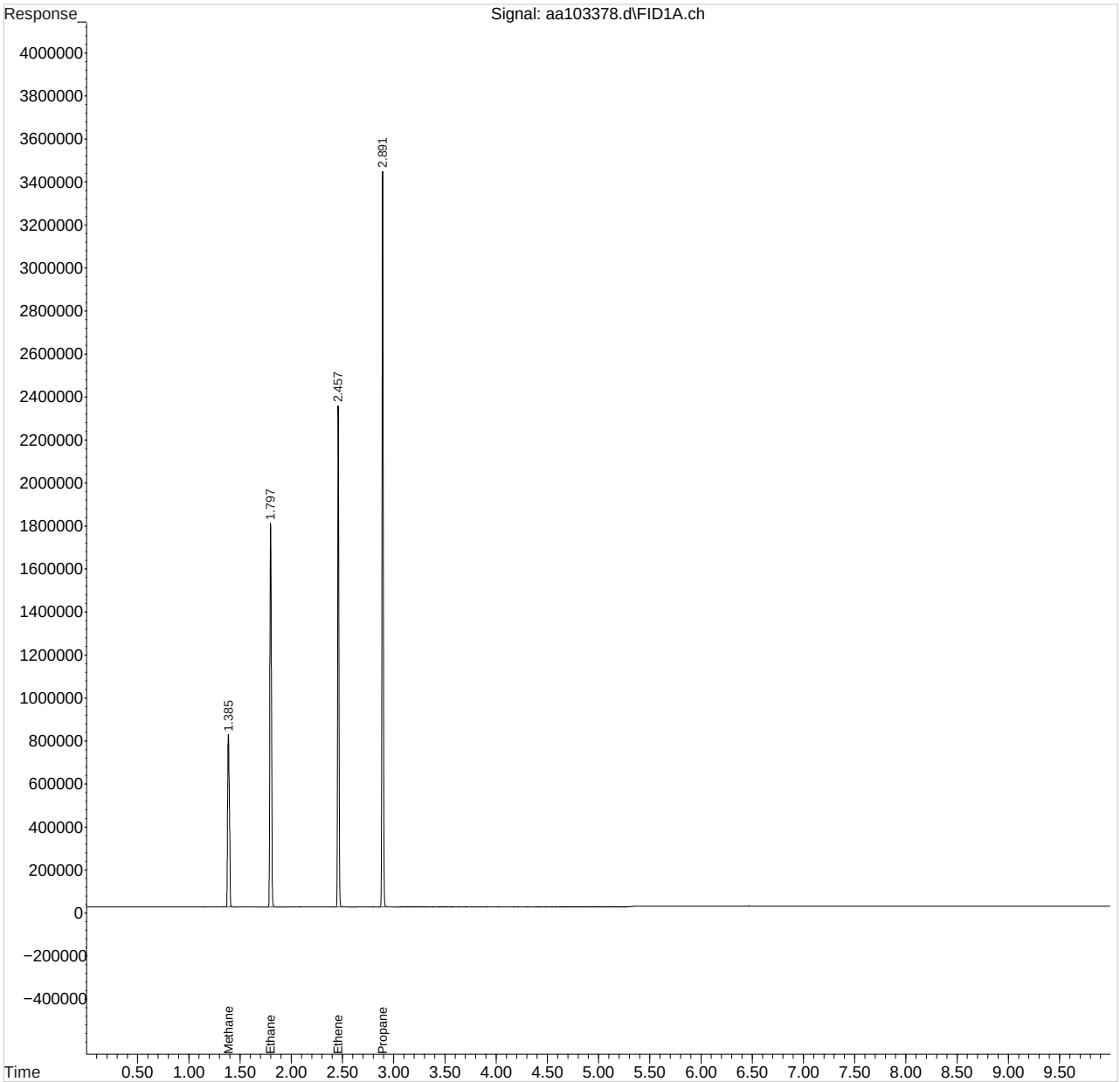
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103378.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:35 pm
Operator : williamc
Sample : ic2870-500
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:51:47 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:49:29 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Dissolved Gas Calculation Worksheet

Data File Name **aa103378.d**
Date Acquired **8/31/2023 12:35**
Sample Name **ic2870-500**
Sample Multiplier **1**
Temperature(C) **23**
Headspace Vol. (cc) **5**
Sample Vol(cc) **38**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	296	24.29	8164.407	8932	−0.03	−0.02	0.00	39820	−0.001	0.00	0.08	**ND**
ETHANE	30	22.4	55.5	296	24.29	19096980	0	434.89	537.19	70.68	28640	25.283	95.966	0.14	**95.966**
ETHYLENE	28	22.4	55.5	296	24.29	19143427	0	433.33	499.58	65.73	10920	61.666	127.400	0.16	**127.400**
Propane	44	22.4	55.5	296	24.29	28898581	0	428.97	777.15	102.26	34744	30.151	132.408	0.07	**132.408**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	**The volume of 1 mole of any gas at standard temperature and pressure(STP)**
Water g/Moles	**1 Liter of water is equal to 55.5g-moles**
Temp-kelvin	**Is defined as 273 + degress C**
Corrected Gas Density	**Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)**
Headspace conc(ug/l)	**Is equal to (ppmv reading) x (mw/corrected gas density)**
Water Concentration(ug/l)	**Is equal to headspace conc(ug/l) x headspace vol/sample vol**
Saturation Concentration(ug/l)	**Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)**

Henry's Constants

temp−c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103379.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:49 pm
Operator : williamc
Sample : ic2870-1000
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:59:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:53:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.370	20612397	894.361 PPMV
2)	Ethane	1.786	39910664	915.288 PPMV
3)	Ethene	2.453	40003191	923.144 PPMV
4)	Propane	2.887	59898564	924.506 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.9

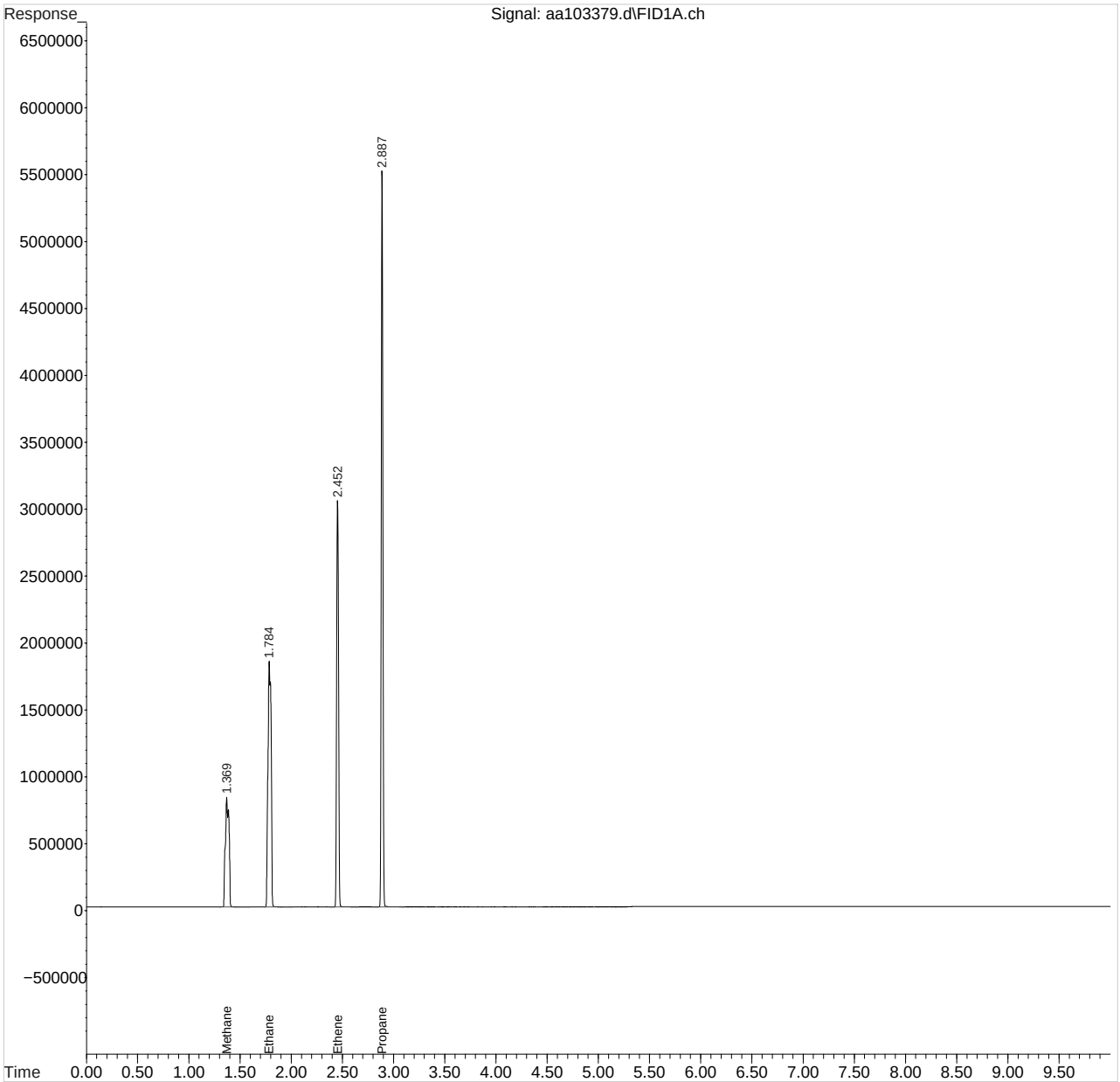
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103379.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 12:49 pm
Operator : williamc
Sample : ic2870-1000
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 12:59:34 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:53:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Dissolved Gas Calculation Worksheet

Data File Name **aa103379.d**
Date Acquired **8/31/2023 12:49**
Sample Name **ic2870-1000**
Sample Multiplier **1**
Temperature(C) **23**
Headspace Vol. (cc) **5**
Sample Vol(cc) **38**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	296	24.29	20612397	8932	893.97	588.93	77.49	39820	19.936	97.43	0.08	**97.43**
ETHANE	30	22.4	55.5	296	24.29	39910664	0	915.29	1130.58	148.76	28640	53.211	201.971	0.14	**201.971**
ETHYLENE	28	22.4	55.5	296	24.29	40003191	0	923.14	1064.27	140.04	10920	131.370	271.405	0.16	**271.405**
Propane	44	22.4	55.5	296	24.29	59898564	0	924.51	1674.89	220.38	34744	64.979	285.359	0.07	**285.359**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	The volume of 1 mole of any gas at standard temperature and pressure(STP)
Water g/Moles	1 Liter of water is equal to 55.5g-moles
Temp-kelvin	Is defined as 273 + degress C
Corrected Gas Density	Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)
Headspace conc(ug/l)	Is equal to (ppmv reading) x (mw/corrected gas density)
Water Concentration(ug/l)	Is equal to headspace conc(ug/l) x headspace vol/sample vol
Saturation Concentration(ug/l)	Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)

Henry's Constants

temp-c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103380.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 1:04 pm
Operator : williamc
Sample : icv2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 13:15:17 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:59:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.392	2385528	104.892 PPMV
2)	Ethane	1.802	4751327	110.130 PPMV
3)	Ethene	2.461	4771158	111.171 PPMV
4)	Propane	2.894	7236503	112.756 PPMV

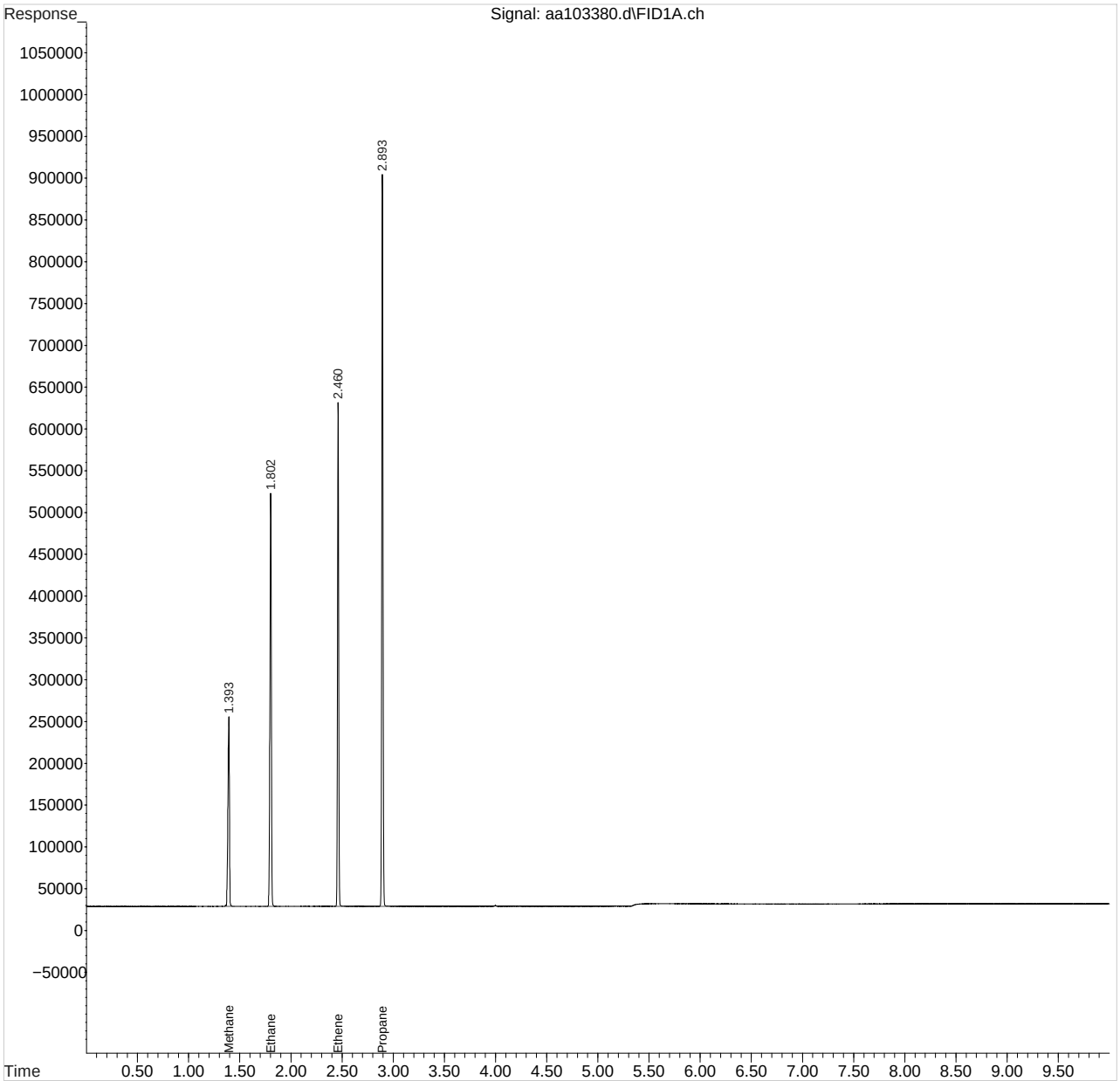
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa103380.d
Signal(s) : FID1A.ch
Acq On : 31 Aug 2023 1:04 pm
Operator : williamc
Sample : icv2870-100
Misc : GC62062,GAA2870,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 31 13:15:17 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 12:59:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Dissolved Gas Calculation Worksheet

Data File Name **aa103380.d**
Date Acquired **8/31/2023 13:04**
Sample Name **icv2870-100**
Sample Multiplier **1**
Temperature(C) **23**
Headspace Vol. (cc) **5**
Sample Vol(cc) **38**

Compound	MW	Molar Volume(L)	Water g-moles/L	Temp K	Corrected Gas dens.	Peak Area	Helium Blank	Headspace (ppmv)*	Headspace (ug/l)	Water (ug/l)	Henry's Constant	Saturation Conc.(ug/l)	Total (ug/L)	MDL (ug/l)	Report (ug/l)
METHANE	16	22.4	55.5	296	24.29	2385528	8932	103.12	67.93	8.94	39820	2.300	11.24	0.08	**11.24**
ETHANE	30	22.4	55.5	296	24.29	4751327	0	108.96	134.59	17.71	28640	6.335	24.045	0.14	**24.045**
ETHYLENE	28	22.4	55.5	296	24.29	4771158	0	110.10	126.93	16.70	10920	15.668	32.370	0.16	**32.370**
Propane	44	22.4	55.5	296	24.29	7236503	0	111.69	202.35	26.62	34744	7.850	34.475	0.07	**34.475**

*** ppmv is corrected for helium blank background peak area**

Definitions,

Molar Volume	**The volume of 1 mole of any gas at standard temperature and pressure(STP)**
Water g/Moles	**1 Liter of water is equal to 55.5g-moles**
Temp-kelvin	**Is defined as 273 + degress C**
Corrected Gas Density	**Gas density corrected for temperature is equal to (molar volume) x (temp-k/273)**
Headspace conc(ug/l)	**Is equal to (ppmv reading) x (mw/corrected gas density)**
Water Concentration(ug/l)	**Is equal to headspace conc(ug/l) x headspace vol/sample vol**
Saturation Concentration(ug/l)	**Gas which remains at equilibrium in the sample is equal to (headspace conc-ppm) x (mw) x (55.5)/(Henry's Constant)**

Henry's Constants

temp-c	20	21	22	23	24	25	26	27	28	29	30
Methane	37600	38340	39080	39820	40560	41300	42020	42740	43460	44180	44900
Ethane	26300	27080	27860	28640	29420	30200	31000	31800	32600	33400	34200
Ethene	10200	10440	10680	10920	11160	11400	11660	11920	12180	12440	12700
Oxygen	40100	40840	41580	42320	43060	43800	44540	45280	46020	46760	47500
CO	52600	53680	54760	55840	56920	58000	58800	59600	60400	61200	62000
CO2	14200	14640	15080	15520	15960	16400	16840	17280	17720	18160	18600
Nitrogen	80400	81620	82840	84060	85280	86500	87680	88860	90040	91220	92400
Hydrogen	68300	68780	69260	69740	70220	70700	71140	71580	72020	72460	72900
Propane	31474	32552	33643	34744	35857	36978	38107	39244	40387	41535	42688

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106179.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 6:39 am
Operator : moniquel
Sample : cc2870-100
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 06:49:40 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.399	2059829	90.571 PPMV
2)	Ethane	1.806	3821151	88.570 PPMV
3)	Ethene	2.471	3807056	88.707 PPMV
4)	Propane	2.904	5844678	91.069 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.13

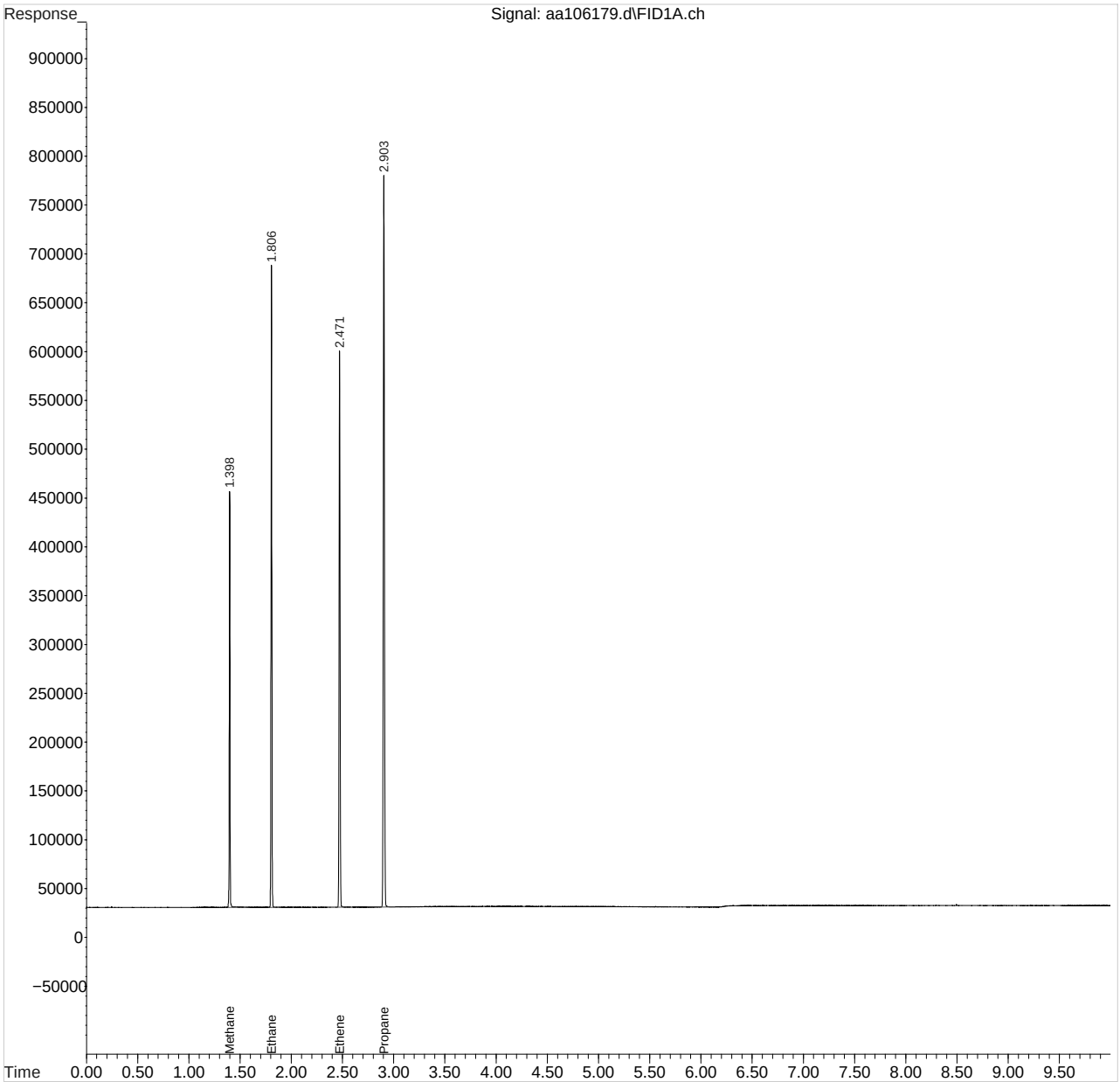
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106179.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 6:39 am
Operator : moniquel
Sample : cc2870-100
Misc : GC62688,GAA2966,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 06:49:40 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106210.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 1:50 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62694,GAA2966,,,,,1
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 14:00:38 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	1.399	2044194	89.883 PPMV
2)	Ethane	1.807	3919651	90.853 PPMV
3)	Ethene	2.471	3910817	91.124 PPMV
4)	Propane	2.903	6000846	93.503 PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.14

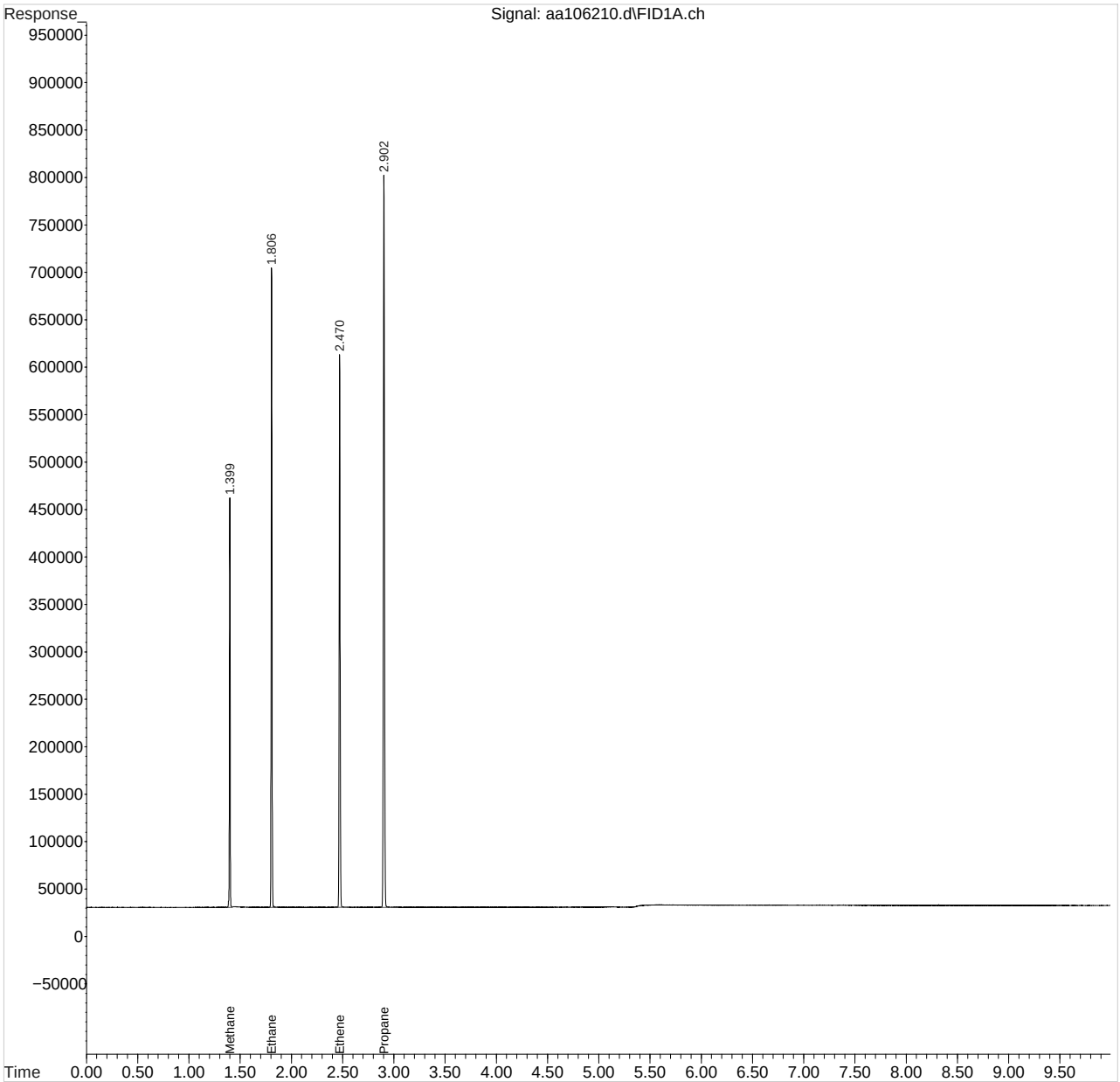
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106210.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 1:50 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62694,GAA2966,,,,,1
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 14:00:38 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106221.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 4:20 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62678,GAA2966,,,,,1
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 16:30:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	1.400	2021536	88.887	PPMV
2)	Ethane	1.807	3906876	90.557	PPMV
3)	Ethene	2.472	3888956	90.615	PPMV
4)	Propane	2.904	5969854	93.020	PPMV

(f)=RT Delta > 1/2 Window (m)=manual int.

9.5.15

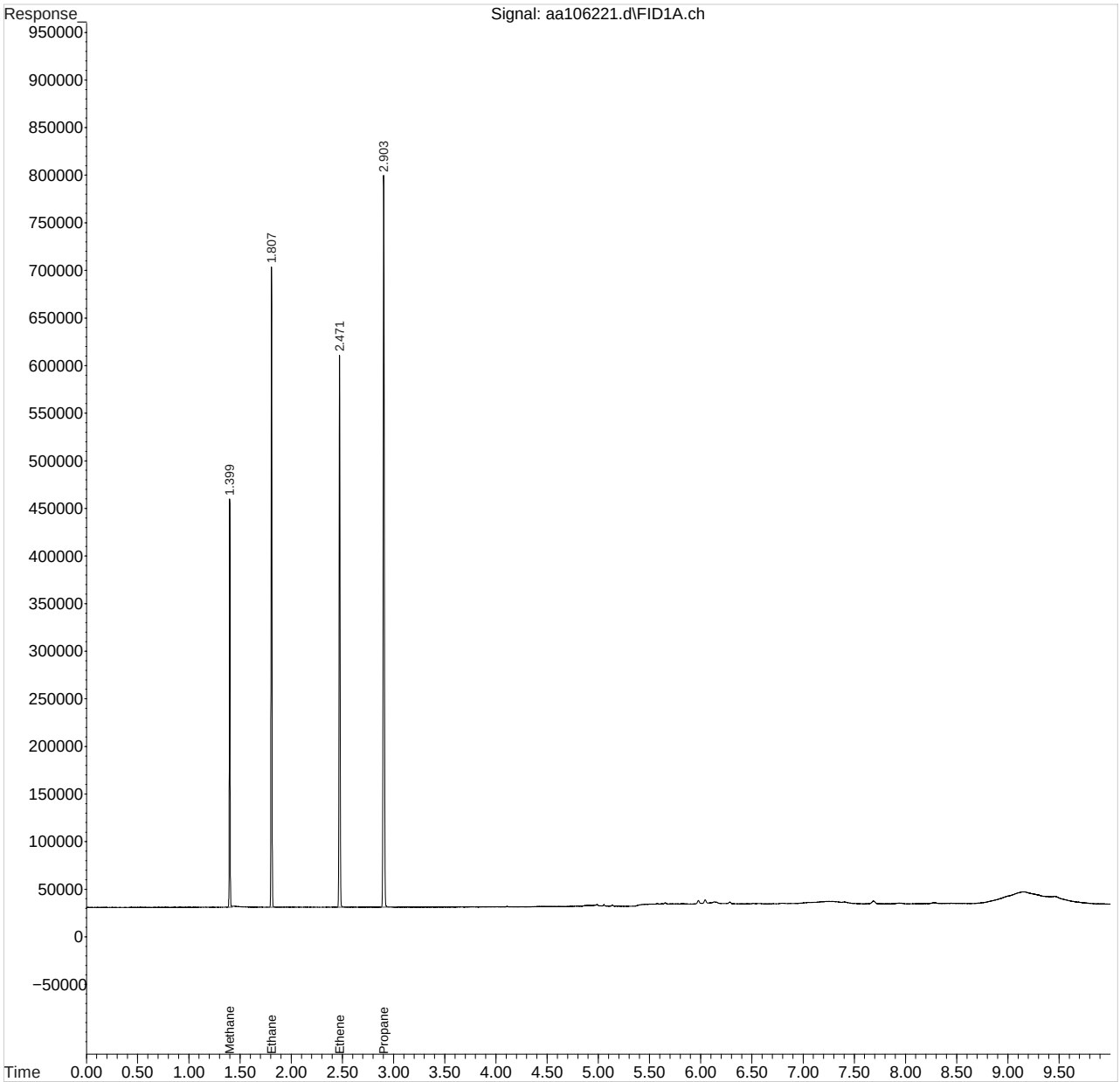
9

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : aa106221.d
Signal(s) : FID1A.ch
Acq On : 28 Dec 2023 4:20 pm
Operator : moniquel
Sample : cc2870-100
Misc : GC62678,GAA2966,,,,,1
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 28 16:30:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\MAA2870.M
Quant Title : METHOD V8015 DG by GC-FID
QLast Update : Thu Aug 31 18:24:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 0.5 ml
Signal Phase : Rt-Alumina BOND/Na2SO4
Signal Info : 50m x 0.53 mm ID x 10um df



SGS

DISSOLVED GASES by GC/FID/TCD
INSTRUMENT LOG

Batch ID: GAA2870
Date: 8/31/2023
Analyst :

Standard Data		STD Lot#AS9661		LCS Lot#AS9602		STD Lot#AS9869		Lot#			
Components	MW	Conc. (ppmv)	Conc. (ug/l)	Conc. (ppmv)	Conc. (ug/l)	Conc. (ppmv)	Conc. (ug/l)	Conc. (ppmv)	Conc. (ug/l)
Methane	16	1000		1000		10			
Ethane	30	1000		1000		10			
Ethene	28	1000		1000		10			
Oxygen	32								
Nitrogen	28								
Hydrogen	2								
CO	28								
CO2	44								

Columns: RT Alumina w/Na2SO4
Method (Collect.) MAA2870.m
Method (Quant) MAA2870.m
Initial Cal: GAA2870
Seq. file: AA202308310.S
pH paper LOT: 222221 EXP 8/1/24
THERMOMETER: 3101527 EXP 7/10/24

ug/L = (ppmv) x (mw/24.45)

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: _____ Date: 9/19/2023

R	Data File	Sample ID	Test	VIAL (CC)	Head-space (CC)	Final Sample (CC)	CC Inj.	Temp C	Dil Fact	Status (Data)	Comments	pH* <2
	AA103371	IC2870-1.0					0.05	23			AS9869	
	AA103372	IC2870-2.0					0.1	23			AS9869	
	AA103373	IC2870-10					0.5	23			AS9869	
	AA103374	IC2870-20					1.0	23		AR	AS9869	
	AA103375	IC2870-20					0.01	23			AS9601	
	AA103376	IC2870-100					0.05	23			AS9601	
	AA103377	IC2870-200					0.1	23			AS9601	
	AA103378	IC2870-500					0.25	23			AS9601	
	AA103379	IC2870-1000					0.5	23			AS9601	
	AA103380	ICV2870-100					0.05	23			AS9602	

VJ 8/31/23

*If pH> 2, comment on sample result.
All strikeouts must be initialed, dated, and reason applied if not transcription error.

SGS

DISSOLVED GASES by GC-FID/TCD ANALYSIS LOG (RSK-175)

Batch ID: GAA2966
Date: 12/28/2023
Laboratory Analyst: Monique Lherisson

GC-AA Column: Rt-Alumina BOND/Na_2SO_4 (50m x 0.53mm x 10µm)
GC-FID/TCD Method - MEE: MAA2870.M
Initial Calibration Method - MEE: MAA2870.M
Sequence File - MEE: AA20231228.S

GC-WW Column: Sulpelco Carboxen 1006 PLOT (30m x 0.53mm)
GC-FID/TCD Method - CO_2: MWW5720.M
Initial Calibration Method - CO_2: MWW5720.M
Sequence File - CO_2: WW20230901.S

LGX-50 Method: DGA
Data Validator:

		Standard Information							
		Standard (Primary)				LCS (Secondary)			
Target Analytes	MW (g/mol)	Lot #	Expiration Date	Conc. (ppmv)	**Conc. (µg/L)	Lot #	Expiration Date	Conc. (ppmv)	**Conc. (µg/L)
Methane	16	AS10055	10/13/2024	1000	654	AS9602	3/8/2024	1000	654.396728
Ethane	30	AS10055	10/13/2024	1000	1227	AS9602	3/8/2024	1000	1226.993865
Ethene	28	AS10055	10/13/2024	1000	1145	AS9602	3/8/2024	1000	1145.194274
Propane	44	AS10055	10/13/2024	1000	1800	AS9602	3/8/2024	1000	1799.591002
Carbon Monoxide	28	AS10055	10/13/2024	4000	4581	AS9602	3/8/2024	4000	4580.777096
Carbon Dioxide	44	AS10055	10/13/2024	1000	1800	AS9602	3/8/2024	1000	1799.591002

**mg/L = ppmv x (MW/24.45)

	ID / LOT #	Expiration Date
Thermometer - MEE	3101527	7/10/2024
Thermometer - CO_2	285801	6/24/2024
pH Paper	222221	8/1/2024

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.
*If pH > 2.0, comment on sample result.

ALS	Sample ID	Data File ID	GC Code	TEST CODE	VOA Vial Volume (cc)	Headspace Volume (cc)	Final Sample Volume (cc)	Injection Volume (cc)	Temp. °C	Dilution Factor	STATUS	COMMENTS	*pH < 2.0
1	CC2870-100	AA106179	GC62688	DGMEE				0.05	24		OK		√
2	lcs	AA106180	GC62688	DGMEE				0.05	24		RR	ppm too low	√
3	lcs	AA106181	GC62688	DGMEE				0.05	24		OK		√
4	hb	AA106182	GC62688	DGMEE				0.5	24		RR		√
5	hb	AA106183	GC62688	DGMEE				0.5	24		OK	60964	√
6	mb	AA106184	GC62607	DGMEE				0.5	24		OK		√
7	jd79074-1	AA106185	GC62688	DGMEE	43	5	38	0.5	24	1	OK		√
8	jd79074-1	AA106186	GC62688	DGMEE	44	5	38	0.05	24	10	OK		√
9	jd79007-1	AA106187	GC62678	DGMEE	44	5	39	0.5	24	1	RR/OK		√
10	jd79007-1	AA106188	GC62678	DGMEE	44	5	39	0.1	24	5	OK		√
11	jd78848-6	AA106189	GC62663	DGMEE	44	5	39	0.5	24	1	OK		√
12	jd78848-6dup	AA106190	GC62663	DGMEE	44	5	39	0.5	24	1	OK		√
13	jd78848-8	AA106191	GC62663	DGMEE	44	5	39	0.5	24	1	OK		√
14	jd78848-7	AA106192	GC62663	DGMEE	43	5	38	0.5	24	1	OK		√
15	jd78848-11	AA106193	GC62663	DGMEE	44	5	39	0.5	24	1	OK		√
16	jd79074-2	AA106194	GC62688	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4, c2h4 overcal	√
17	jd79074-2	AA106195	GC62688	DGMEE	44	5	39	0.05	24	10	OK		√
18	jd79074-2	AA106196	GC62688	DGMEE	44	5	39	0.01	24	50	OK		√
19	jd79007-2	AA106197	GC62678	DGMEE	44	5	39	0.5	24	1	RR	rerun this sample, the cap was cracked.	√
20	jd79007-8	AA106198	GC62678	DGMEE	44	5	39	0.5	24	1	OK		√
21	la96427-3	AA106199	GC62726	CH4	44	5	39	0.5	24	1	OK		√
22	jd79007-3	AA106200	GC62678	DGMEE	44	5	39	0.5	24	1	OK		√
23	la96427-1	AA106201	GC62726	CH4	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
24	la96427-1	AA106202	GC62726	CH4	44	5	39	0.02	24	25	OK		√
25	jd78881-2	AA106203	GC62669	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
26	jd78881-2	AA106204	GC62669	DGMEE	44	5	39	0.005	24	100	OK		√
27	la96427-2	AA106205	GC62726	CH4	44	5	39	0.5	24	1	OK		√
28	jd78881-1	AA106206	GC62669	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
29	jd78881-1	AA106207	GC62669	DGMEE	44	5	39	0.0025	24	200	OK		√
30	jd79007-5	AA106208	GC62694	DGMEE	44	5	39	0.5	24	1	OK		√
31	jd79007-5	AA106209	GC62694	DGMEE	44	5	39	0.05	24	10	OK		√
32	CC2870-100	AA106210	GC62694	DGMEE		5		0.05	24	1	OK		√
33	jd79007-4	AA106211	GC62678	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
34	jd79007-4	AA106212	GC62678	DGMEE	44	5	39	0.05	24	10	OK		√
35	jd79113-1	AA106213	GC62694	DGMEE	44	5	39	0.5	24	1	OK		√
36	jd79007-6	AA106214	GC62694	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
37	jd79007-6	AA106215	GC62694	DGMEE	44	5	39	0.1	24	5	OK		√
38	jd79007-7	AA106216	GC62678	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
39	jd79007-7	AA106217	GC62678	DGMEE	44	5	39	0.025	24	20	OK		√
40	jd79007-7dup	AA106218	GC62678	DGMEE	44	5	39	0.025	24	20	OK		√
41	jd79007-2	AA106219	GC62678	DGMEE	44	5	39	0.5	24	1	RR/OK	ch4 overcal	√
42	jd79007-2	AA106220	GC62678	DGMEE	44	5	39	0.1	24	5	OK		√
43	CC2870-100	AA106221	GC62678	DGMEE				0.05	24	1	OK		√

SGS

DISSOLVED GASES by GC-FID/TCD ANALYSIS LOG (RSK-175)

		Standard Information							
		Standard (Primary)				LCS (Secondary)			
Target Analytes	MW (g/mol)	Lot #	Expiration Date	Conc. (ppmv)	**Conc. (µg/L)	Lot #	Expiration Date	Conc. (ppmv)	**Conc. (µg/L)
Methane	16	AS10055	10/13/2024	1000	654	AS9602	3/8/2024	1000	654.396728
Ethane	30	AS10055	10/13/2024	1000	1227	AS9602	3/8/2024	1000	1226.993865
Ethene	28	AS10055	10/13/2024	1000	1145	AS9602	3/8/2024	1000	1145.194274
Propane	44	AS10055	10/13/2024	1000	1800	AS9602	3/8/2024	1000	1799.591002
Carbon Monoxide	28	AS10055	10/13/2024	4000	4581	AS9602	3/8/2024	4000	4580.777096
Carbon Dioxide	44	AS10055	10/13/2024	1000	1800	AS9602	3/8/2024	1000	1799.591002

**mg/L = ppmv x (MW/24.45)

	ID / LOT #	Expiration Date
Thermometer - MEE	3101527	7/10/2024
Thermometer - CO_2	285801	6/24/2024
pH Paper	222221	8/1/2024

Batch ID: GAA2966
Date: 12/28/2023
Laboratory Analyst: Monique Lherisson

GC-AA Column: Rt-Alumina BOND/Na_2SO_4 (50m x 0.53mm x 10µm)
GC-FID/TCD Method - MEE: MAA2870.M
Initial Calibration Method - MEE: MAA2870.M
Sequence File - MEE: AA20231228.S

GC-WW Column: Sulpelco Carboxen 1006 PLOT (30m x 0.53mm)
GC-FID/TCD Method - CO_2: MWW5720.M
Initial Calibration Method - CO_2: MWW5720.M
Sequence File - CO_2: WW20230901.S

LGX-50 Method: DGA
Data Validator:

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of SGS SOP EQA044.
*If pH > 2.0, comment on sample result.

ALS	Sample ID	Data File ID	GC Code	TEST CODE	VOA Vial Volume (cc)	Headspace Volume (cc)	Final Sample Volume (cc)	Injection Volume (cc)	Temp. °C	Dilution Factor	STATUS	COMMENTS	*pH < 2.0

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Total as CaCO3	GN49509	5.0	0.0	mg/l	250	246	98.5	90-110%
Alkalinity, Total as CaCO3	GN49509			mg/l	50	50.0	100.0	90-110%
Chloride	GP51202/GN49537	2.0	0.0	mg/l	80	82.6	103.3	90-110%
Sulfate	GP51202/GN49537	2.0	0.0	mg/l	80	82.3	102.9	90-110%
Sulfide	GN49505			mg/l	10.20	10.2	100.0	80-120%
Sulfide	GN49505	2.0	0.0	mg/l	5.10	5.1	100.0	80-120%

Associated Samples:
Batch GN49505: JD79113-1
Batch GN49509: JD79113-1
Batch GP51202: JD79113-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN49509	LA96441-5	mg/l	10.6	10.3	2.8	0-10%
Chloride	GP51202/GN49537	JD79174-6	mg/l	117	117	0.0	0-20%
Sulfate	GP51202/GN49537	JD79174-6	mg/l	69.1	69.2	0.1	0-20%
Sulfide	GN49505	JD79174-1	mg/l	0.0	0.0	0.0	0-12%

Associated Samples:
Batch GN49505: JD79113-1
Batch GN49509: JD79113-1
Batch GP51202: JD79113-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP51202/GN49537	JD79174-6	mg/l	117	80	195	97.5	80-120%
Sulfate	GP51202/GN49537	JD79174-6	mg/l	69.1	80	148	98.6	80-120%
Sulfide	GN49505	JD79113-1	mg/l	0.0	3.64	3.4	93.4	37-135%

Associated Samples:
Batch GN49505: JD79113-1
Batch GP51202: JD79113-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

File ID: D23122001.TXT Date Analyzed: 12/18/23 Methods: EPA 300/SW846 9056A
Analyst: SS Run ID: GN49537
Parameters: Chloride

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:05	GN49537-STD1	1		STDA
16:18	GN49537-STD2	1		STDC
16:47	GN49537-STD3	1		STDD
16:59	GN49537-STD4	1		STDE
17:12	GN49537-STD5	1		STDF
17:25	GN49537-STD6	1		STDG
17:38	GN49537-ICV1	1		
15:00	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:25	ZZZZZZ	1		
15:38	GN49537-CCV1	1		
15:51	GN49537-CCB1	1		
16:04	ZZZZZZ	1		
16:17	ZZZZZZ	1		
19:33	ZZZZZZ	20		
19:45	ZZZZZZ	20		
19:58	ZZZZZZ	5		
20:24	GP51202-MB1	1		
20:37	GP51202-B1	1		
20:50	GP51202-S1	1		
21:03	GP51202-D1	1		
21:16	JD79174-6	1		(sample used for QC only; not part of login JD79113)
21:29	GN49537-CCV2	1		
21:42	GN49537-CCB2	1		
21:55	JD79113-1	1		
22:08	ZZZZZZ	1		
22:20	ZZZZZZ	10		
22:33	ZZZZZZ	10		
22:54	ZZZZZZ	10		
23:06	ZZZZZZ	10		
23:19	ZZZZZZ	10		
23:32	ZZZZZZ	10		
23:45	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

File ID: D23122001.TXT Date Analyzed: 12/18/23 Methods: EPA 300/SW846 9056A
Analyst: SS Run ID: GN49537
Parameters: Chloride

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:58	ZZZZZZ	1		
00:11	GN49537-CCV3	1		
00:24	GN49537-CCB3	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: JD79113
Account: ERMNYW - ERM, Inc.
Project: Fortive, New Windsor, NY

File ID: D23122001.TXT Date Analyzed: 12/18/23 Methods: EPA 300/SW846 9056A
Run ID: GN49537 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN49537-ICV1	Chloride	100	2.0	0.83	100	100.0	90-110
GN49537-CCV1	Chloride	205	2.0	0.83	200	102.5	90-110
GN49537-CCB1	Chloride	0.83 U	2.0	0.83			
GN49537-CCV2	Chloride	206	2.0	0.83	200	103.0	90-110
GN49537-CCB2	Chloride	0.83 U	2.0	0.83			
GN49537-CCV3	Chloride	206	2.0	0.83	200	103.0	90-110
GN49537-CCB3	Chloride	0.83 U	2.0	0.83			

(!) Outside of QC limits

General Chemistry

Raw Data

Test: Sulfide by Titration
Product: S
Method: (AQ) SM4500 S2 B, C, or F-11

◉ **Units:** mg/l
mg/kg

Analyst: MRP
GN Batch ID: GN49505
GP Batch ID:
Date: 12/20/2023

Sulfide= ((Vi)(Ni) - (Vt)(Nt)) x 16000 x final Vol. / Vol. tiitrated x initial wt or vol

Form: AGN-SULFIDE-AQ-04

Iodine reagent number: see attached page

Iodine Normality = Normality x vol of sodium thiosulfate / volume of iodine

Normality 1 = 0.0250
Normality 2 = 0.0250
Average = 0.025000

Sodium thiosulfate manufacturer and lot: lab chem L133-09 XP6/2/2022 see attached page Normality = 0.0250

QC Summary:

Method Blank ID:	GN49505-MB1	Date:	12/20/2023	Result:	<2	<DL:	2	Y	Units
Spike Blank ID:	GN49505-B1	Date:	12/20/2023	Amt. Spiked	5.10	Result:	5.10	% Rec: 100%	
Matrix Spike ID:	JD79113-1	MS Result	3.36	Samp Result	0.00	Spike Amt.	3.64	Rec: 92%	
Duplicate ID:	JD79174-1	Samp Result:	<2	Dup Result:	<2	% RPD:	#VALUE!		

Bottle #	Sample ID	Initial pH	Pre-Treat? Y or N	Initial Vol (ml)	Final Vol. (ml)	Sample Vol Titrated in ml (a)	Volume of Iodine in ml	Sodium Thiosulfate volume (start) ml	Sodium Thiosulfate volume (end) ml	Sodium Thiosulfate total vol in ml	Result	Final Result	Detection Limit (mg/l)	Units
	Iodine Standardization 1	>9	n	1.0	200.0	200.0	6.00	0.00	6.00	6.00	NA	NA	NA	NA
	Iodine Standardization 2	>9	n	1.0	200.0	200.0	6.00	0.00	6.00	6.00	NA	NA	NA	NA
	Sulfide Stock Std 1CONF	>9	Y	1.0	200.0	200.0	6.00	0.00	3.45	3.45	1020.000	1020.00	2	mg/l
	Sulfide Stock Std 2CONF	>9	Y	1.0	200.0	200.0	6.00	0.00	3.45	3.45	1020.000	1020.00	2	mg/l
	GN49505-MB1	>9	Y	200.0	200.0	200.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
	GN49505-B1	>9	Y	200.0	200.0	200.0	6.00	0.00	3.45	3.45	5.100	5.10	2	mg/l
	GN49505-B2	>9	Y	200.0	200.0	200.0	6.00	0.00	0.90	0.90	10.200	10.20	2	mg/l
4	GN49505-S1	>9	Y	280.0	280.0	280.0	6.00	0.00	3.65	3.65	3.357	3.36	2	mg/l
6	GN49505-D1	>9	Y	290.0	290.0	290.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
5	JD79113-1	>9	Y	280.0	280.0	280.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
7	JD79174-1	>9	Y	300.0	300.0	300.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
9	JD79174-2	>9	Y	285.0	285.0	285.0	6.00	0.00	5.90	5.90	0.140	<2	2	mg/l
9	JD79174-3	>9	Y	300.0	300.0	300.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
9	JD79174-4	>9	Y	280.0	280.0	280.0	6.00	0.00	5.90	5.90	0.143	<2	2	mg/l
9	JD79174-5	>9	Y	290.0	290.0	290.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
9	JD79174-6	>9	Y	280.0	280.0	280.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l
9	JD79174-7	>9	Y	260.0	260.0	260.0	18.00	0.00	4.40	4.40	20.923	20.92	2	mg/l
9	JD79174-8	>9	Y	290.0	290.0	290.0	6.00	0.00	4.85	4.85	1.586	<2	2	mg/l
9	JD79174-9	>9	Y	300.0	300.0	300.0	6.00	0.00	5.75	5.75	0.333	<2	2	mg/l
9	JD79174-10	>9	Y	290.0	290.0	290.0	6.00	0.00	6.25	6.25	-0.345	<2	2	mg/l
9	JD79174-11	>9	Y	290.0	290.0	290.0	6.00	0.00	6.00	6.00	0.000	<2	2	mg/l

Analyst: MRP Date: 12/20/23 QC Reviewer: _____ Date: _____ 12/20/23

SGS gn 49505

Reagent Information Log - Sulfide

Reagent	Reagent # or Manufacturer/Lot
Hydrochloric Acid, 6N	GNE9-72519-SULFIDE XP 3/28/2024
STANDARD Iodine solution	GNE12-73204-SULFIDE XP 6/1/2024
Sodium Thiosulfate Solution, 0.0250 N	LAB CHEM LOT NO N034-04 XP 2/22/2024
Starch Indicator Solution	WWR-(10)4205D84 XP 5/11/2024
Zinc Acetate Solution	GNE12-73205-SULFIDE XP 6/1/2024
Sodium Hydroxide, 6N	GNE12-73206-SULFIDE XP 6/1/2024
Sulfide Stock Solution, 1000 ug/ml	GNE12-73377-SULFIDE XP 12/25/2023
pH Paper	Hydrion226322 09/2025
TSS/TDS FILTERS	Laboratory sales & services lot# 111301

All standards and stocks were made as described in the SOP for this method (circle one): Y or N
If no (N), see attached page for standards prep.

Form: GN087A-61
Rev. Date:12/20/2023

SGS

Analyst MRP

Method SULFIDE AQ

Prep Date 12/20/2023

Balance #__B-43_____

GP GN49505

Sample Prep Log

Sample ID	Sample Size(GM)	FINAL VOLUME
GN49505-B1	1 ML OF1020.00 PPM ---200 ML DI/DW --TV5.10 MG/L	
GN49505-B2	2 ML OF1020.00 PPM ---200 ML DI/DW --TV10.20 MG/L	
GN49505-S1	1 ML OF1020.00 PPM ---280 ML DI/DW --TV3.64 MG/L	
		A

12/20/23

Form: GN166-03
Rev. Date: 11/19/15

MANTECH

Date: 2023-12-20 17:27:52
Analyst: wetchem

Sample Report

Run Template: Alkalinity
Run ID: 2455 MK
Date Started: 2023-12-20 14:36:04
Date Completed: 2023-12-20 17:27:51

GN49509-ALK
GN49511-CO2

Sample Data

Sample	Script ID	Start	End	pH	TAlkalinity	PAlkalinity	Hydroxide	Carbonate	Bicarbonate	Temp.	Final Vol.
PH-4.0	pH	2023-12-20 14:36:04	2023-12-20 14:39:13	4.0162						20.3070	
PH-7.0	pH	2023-12-20 14:39:13	2023-12-20 14:41:42	7.0116						19.8674	
PH-10.0	pH	2023-12-20 14:41:42	2023-12-20 14:44:12	10.0215						19.7564	
GN49509-MB1	Alkalinity	2023-12-20 14:44:12	2023-12-20 14:48:41	7.8262	2.5930	0.0000	0	0.0000	2.5930		0.2900
GN49509-B1(50)	Alkalinity	2023-12-20 14:48:41	2023-12-20 14:53:19	8.5422	49.9931	1.6010	0	3.2020	46.7911		1.7200
GN49509-B2(250)	Alkalinity	2023-12-20 14:53:19	2023-12-20 15:01:00	8.9080	246.1617	8.9833	0	17.9666	228.1951		7.5050
GN49509-D1	Alkalinity	2023-12-20 15:01:00	2023-12-20 15:04:56	5.6001	10.3249	0.0000	0	0.0000	10.3249		0.4400
LA96441-5(QC)	Alkalinity	2023-12-20 15:04:56	2023-12-20 15:08:54	5.6511	10.6191	0.0000	0	0.0000	10.6191		0.4600
LA96441-1	Alkalinity	2023-12-20 15:08:54	2023-12-20 15:12:38	5.6753	11.5787	0.0000	0	0.0000	11.5787		0.4850
LA96441-2	Alkalinity	2023-12-20 15:12:38	2023-12-20 15:16:11	5.4028	8.5184	0.0000	0	0.0000	8.5184		0.4200
LA96441-3	Alkalinity	2023-12-20 15:16:11	2023-12-20 15:19:58	5.6640	8.9440	0.0000	0	0.0000	8.9440		0.4100
LA96441-4	Alkalinity	2023-12-20 15:19:58	2023-12-20 15:24:01	5.7797	16.3304	0.0000	0	0.0000	16.3304		0.6800
LA96441-6	Alkalinity	2023-12-20 15:24:01	2023-12-20 15:27:52	5.5622	8.7871	0.0000	0	0.0000	8.7871		0.4000
PH-4.1	pH	2023-12-20 15:27:52	2023-12-20 15:30:21	4.0208						19.4385	
LA96441-7	Alkalinity	2023-12-20 15:30:21	2023-12-20 15:34:01	5.6311	8.6979	0.0000	0	0.0000	8.6979		0.6200
LA96441-8	Alkalinity	2023-12-20 15:34:01	2023-12-20 15:38:15	6.0472	3.3383	0.0000	0	0.0000	3.3383		0.1850

*=HEADSPACE

MANTECH

Date: 2023-12-20 17:27:52
Analyst: wetchem

Sample Report

Run Template: Alkalinity
Run ID: 2455
Date Started: 2023-12-20 14:36:04
Date Completed: 2023-12-20 17:27:51

Sample Data

CO2
0.0774
0.2685
0.5641
51.8580
47.4261
48.9091
67.3888
38.7759
54.2409
48.1588
40.6766
5.9890

MANTECH

Date: 2023-12-20 17:27:52
Analyst: wetchem

Sample Report

Run Template: Alkalinity
Run ID: 2455
Date Started: 2023-12-20 14:36:04
Date Completed: 2023-12-20 17:27:51

Sample Data

Sample	Script ID	Start	End	pH	TAlkalinity	PAlkalinity	Hydroxide	Carbonate	Bicarbonate	Temp.	Final Vol.
JD79113-1*	Alkalinity	2023-12-20 15:38:15	2023-12-20 15:43:40	6.8298	119.0646	0.0000	0	0.0000	119.0646		3.6900
JD79174-1*	Alkalinity	2023-12-20 15:43:40	2023-12-20 15:48:53	6.4628	86.8672	0.0000	0	0.0000	86.8672		2.7000
JD79174-2*	Alkalinity	2023-12-20 15:48:53	2023-12-20 15:54:39	6.6305	107.4599	0.0000	0	0.0000	107.4599		3.4100
JD79174-3	Alkalinity	2023-12-20 15:54:39	2023-12-20 16:00:30	6.7477	127.3116	0.0000	0	0.0000	127.3116		3.9500
JD79174-4	Alkalinity	2023-12-20 16:00:30	2023-12-20 16:12:09	6.8134	528.3160	0.0000	0	0.0000	528.3160		16.1050
JD79174-5*	Alkalinity	2023-12-20 16:12:09	2023-12-20 16:18:36	6.7505	123.7634	0.0000	0	0.0000	123.7634		3.8650
JD79174-6*	Alkalinity	2023-12-20 16:18:36	2023-12-20 16:24:57	7.0257	136.9499	0.0000	0	0.0000	136.9499		4.2600
JD79174-7*	Alkalinity	2023-12-20 16:24:57	2023-12-20 16:48:11	7.2869	1281.2428	0.0000	0	0.0000	1281.2428		39.0500
PH-4.2	pH	2023-12-20 16:48:11	2023-12-20 16:50:40	4.0253						19.8961	
JD79174-8*	Alkalinity	2023-12-20 16:50:40	2023-12-20 16:58:13	6.8238	215.9368	0.0000	0	0.0000	215.9368		6.7800
JD79174-9	Alkalinity	2023-12-20 16:58:14	2023-12-20 17:07:40	6.9190	347.3958	0.0000	0	0.0000	347.3958		10.7900
JD79174-10*	Alkalinity	2023-12-20 17:07:40	2023-12-20 17:19:21	6.9268	523.7465	0.0000	0	0.0000	523.7465		15.9550
JD79174-11*	Alkalinity	2023-12-20 17:19:21	2023-12-20 17:23:14	6.4372	2.4620	0.0000	0	0.0000	2.4620		0.1300
PH-4.3	pH	2023-12-20 17:23:14	2023-12-20 17:27:51	4.0186						19.7347	

MANTECH

Date: 2023-12-20 17:27:52
Analyst: wetchem

Sample Report

Run Template: Alkalinity
Run ID: 2455
Date Started: 2023-12-20 14:36:04
Date Completed: 2023-12-20 17:27:51

Sample Data

CO2
35.2381
59.8530
50.3241
45.5196
162.3767
43.9665
25.8162
132.3614
64.7973
83.7249
123.9799
1.7994

Certificate of Analysis
ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	SA226	Quality Test / Release Date	02/09/2023
Lot Number	224810		
Description	SULFURIC ACID, 0.02N, CERTIFIED		
Country of Origin	United States	Suggested Retest Date	Feb/2028

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, Colorless liquid
COLOR	APHA	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
NORMALITY		Inclusive Between 0.0198 - 0.0202	0.0199
TRACEABLE TO NIST KHP STD	POT. ACID PHTHALATE	= LOT 84L	LOT 84L

Harout Sahagian - Quality Control Supervisor - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

SGS

Reagent Information Log
Test Name: _ALK_____

Reagent	Reagent # or Manufacturer/Lot
pH BUFFER 4	FISHER #233052 XP 7/25
pH BUFFER 7	FISHER #232651 XP 8/25
pH BUFFER 10	FISHER #232386 XP 8/25
H2SO4 TITRANT	FISHER #226607 XP 10/19/25
SODIUM PHOSPHATE DIBASIC	GNE11-73079-ALK XP 5/17/24
B1-1.0ML OF 5000PPM TO 100ML	TV 50MG/L
B2-5.0ML OF 5000PPM TO 100ML	TV 250 MG/L
H2SO4 TITRANT	FISHER #225574 XP 10/19/25

All standards and stocks were made as described in the SOP for this method (circle one): Y or N
If no (N), see attached page for standards prep.

Form: GN087-01
Rev. Date:12/21/2023

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: D23122001.TXT
Analyst: SS

Date Analyzed: 12/18/23
Run ID: GN49537

Methods: EPA 300/SW846 9056A

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst: SS Date 12/22/23

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

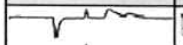
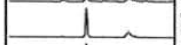
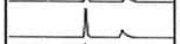
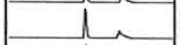
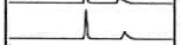
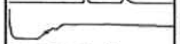
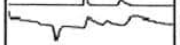
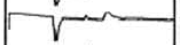
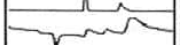
Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

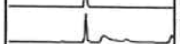
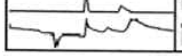
Supervisor (or designee): _____ Date 12/22/23

11.3 11

Sequence: D23122001
Last Update Operator: Chemistry

CD	Name	Type	Position	Dilution	Comment	Level	Volume	Status	Inject Time	Instrument Method
	STDA 3	Calibration Standard	44	1.0000		1	5000	Finished	12/18/2023 4:05:25 PM -05:00	Anions_012919
	STDC	Calibration Standard	45	1.0000		3	5000	Finished	12/18/2023 4:18:23 PM -05:00	Anions_012919
	STDD	Calibration Standard	46	1.0000		4	5000	Finished	12/18/2023 4:47:01 PM -05:00	Anions_012919
	STDE	Calibration Standard	47	1.0000		5	5000	Finished	12/18/2023 4:59:26 PM -05:00	Anions_012919
	STDF	Calibration Standard	48	1.0000		6	5000	Finished	12/18/2023 5:12:24 PM -05:00	Anions_012919
	STDG	Calibration Standard	49	1.0000		7	5000	Finished	12/18/2023 5:25:21 PM -05:00	Anions_012919
	ICV	Unknown	50	1.0000			5000	Finished	12/18/2023 5:38:19 PM -05:00	Anions_012919
	WASHCONF	Unknown	1	1.0000			5000	Finished	12/20/2023 3:00:17 PM -05:00	Anions_012919
	WASHCONF	Unknown	2	1.0000			5000	Finished	12/20/2023 3:12:48 PM -05:00	Anions_012919
	WASHCONF	Unknown	3	1.0000			5000	Finished	12/20/2023 3:25:46 PM -05:00	Anions_012919
	CCV	Unknown	4	1.0000			5000	Finished	12/20/2023 3:38:44 PM -05:00	Anions_012919
	CCB	Unknown	5	1.0000			5000	Finished	12/20/2023 3:51:41 PM -05:00	Anions_012919
	MB1CONF	Unknown	6	1.0000			5000	Finished	12/20/2023 4:04:39 PM -05:00	Anions_012919
	B1CONF	Unknown	7	1.0000			5000	Finished	12/20/2023 4:17:38 PM -05:00	Anions_012919
	JD78959-4	Unknown	8	20.0000			5000	Finished	12/20/2023 7:33:01 PM -05:00	Anions_012919
	JD78959-4F	Unknown	9	20.0000			5000	Finished	12/20/2023 7:45:39 PM -05:00	Anions_012919
	JD78996-3	Unknown	10	5.0000			5000	Finished	12/20/2023 7:58:37 PM -05:00	Anions_012919
	GP51202-MB1	Unknown	11	1.0000			5000	Finished	12/20/2023 8:24:26 PM -05:00	Anions_012919
	GP51202-B1	Unknown	12	1.0000			5000	Finished	12/20/2023 8:37:16 PM -05:00	Anions_012919
	GP51202-S1	Unknown	13	1.0000			5000	Finished	12/20/2023 8:50:14 PM -05:00	Anions_012919
	GP51202-D1	Unknown	14	1.0000			5000	Finished	12/20/2023 9:03:11 PM -05:00	Anions_012919
	JD79174-6	Unknown	15	1.0000			5000	Finished	12/20/2023 9:16:09 PM -05:00	Anions_012919
	CCV	Unknown	16	1.0000			5000	Finished	12/20/2023 9:29:06 PM -05:00	Anions_012919
	CCB	Unknown	17	1.0000			5000	Finished	12/20/2023 9:42:03 PM -05:00	Anions_012919
	JD79113-1	Unknown	18	1.0000			5000	Finished	12/20/2023 9:55:02 PM -05:00	Anions_012919
	JD79118-1	Unknown	19	1.0000			5000	Finished	12/20/2023 10:08:00 PM -05:0	Anions_012919
	JD79133-1	Unknown	20	10.0000			5000	Finished	12/20/2023 10:20:59 PM -05:0	Anions_012919
	JD79133-2	Unknown	21	10.0000			5000	Finished	12/20/2023 10:33:58 PM -05:0	Anions_012919
	JD79133-3	Unknown	22	10.0000			5000	Finished	12/20/2023 10:54:04 PM -05:0	Anions_012919

Sequence: D23122001
Last Update Operator: Chemistry

CD	Name	Type	Position	Dilution	Comment	Level	Volume	Status	Inject Time	Instrument Method
	JD79133-1F	Unknown	23	10.0000			5000	Finished	12/20/2023 11:06:29 PM -05:0	Anions_012919
	JD79133-2F	Unknown	24	10.0000			5000	Finished	12/20/2023 11:19:27 PM -05:0	Anions_012919
	JD79133-3F	Unknown	25	10.0000			5000	Finished	12/20/2023 11:32:26 PM -05:0	Anions_012919
	JD79155-1	Unknown	26	1.0000			5000	Finished	12/20/2023 11:45:24 PM -05:0	Anions_012919
	JD79155-2	Unknown	27	1.0000			5000	Finished	12/20/2023 11:58:22 PM -05:0	Anions_012919
	CCV	Unknown	28	1.0000			5000	Finished	12/21/2023 12:11:20 AM -05:0	Anions_012919
	CCB	Unknown	29	1.0000			5000	Finished	12/21/2023 12:24:18 AM -05:0	Anions_012919

SGS

Anions Standard Preparation Log

Class A pipet used :

Autopipet used : 59

Date 12/20/2023

GN Number GN49537

Intermediate Standard Description	Stock Standard used for preparation	Stock concentration	Anion	Stock volume or weight used with units	Diluent	Final Volume	Final Conc. of Intermediate (mg/l)	Expiration Date	Analyst	Date
GNE12-73377-IC	SPEC S231010048	4000ppm	CHL/SO4	2.5 ml	DI	100 mL	100ppm	1/18/2024	SS	12/18/2023
GNE12-73378-IC	SPEC S231010050	100ppm	F	20ml	DI	100 mL	20ppm	1/18/2024	SS	12/18/2023
GNE12-73379-IC	SPEC S231010070	100ppm	BRO	20ml	DI	100 mL	20ppm	1/18/2024	SS	12/18/2023
ICV GNE12-73380-IC	SPEC S230501021	200 ppm	CHL/SO4	50 ml	DI	100 mL	100 ppm	1/18/2024	SS	12/18/2023
	SPEC S231025008	100 ppm	F/BRO	3 ml	DI		3 ppm			

Standard Description	Intermediate or Stock used to prepare standard	Intermediate or Stock concentration	Anion	Intermediate or Stock volume used in ml	Diluent	Final Volume	Final Conc. of Standard (mg/l)	Expiration Date	Analyst	Date
STD C GNE12-73381-IC	GNE12-73377-IC	100ppm	CHL/SO4	2.0ml	DI	100 mL	2ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	0.5ml			0.5ppm			
	GNE12-73378-IC	20ppm	F	1.0ml			0.2ppm			
STD D GNE12-73382-IC	GNE12-73377-IC	100ppm	CHL/SO4	10ml	DI	100 mL	10ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	1ml			1ppm			
	GNE12-73378-IC	20ppm	F	2ml			0.4ppm			
STD E GNE12-73383-IC	GNE12-73377-IC	100ppm	CHL/SO4	50ml	DI	100 mL	50ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	2ml			2ppm			
	GNE12-73378-IC	20ppm	F	5ml			1ppm			
STD F GNE12-73384-IC	SPEC S231010048	4000ppm	CHL/SO4	10ml	DI	200 mL	200ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	6ml			3ppm			
	GNE12-73378-IC	20ppm	F	30ml			3ppm			
STD G GNE12-73387-IC	SPEC S231010048	4000ppm	CHL/SO4	10ml	DI	100 mL	400ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	5ml			5ppm			
	GNE12-73378-IC	20ppm	F	30ml			6ppm			
CCV GNE12-73389-IC	SPEC S231010048	4000ppm	CHL/SO4	10ml	DI	200 mL	200ppm	1/18/2024	SS	12/18/2023
	SPEC S231010070	100ppm	BRO	6ml			3ppm			
	SPEC S231010050	100ppm	F	6ml			3ppm			

* If Class A glass pipets are used, enter an A. For balances or autopipets, then enter the appropriate SGS ID number.

NO2/NO3/P4 included in curve but not reported

Form: GN318-01

Rev Date: 6/23/2020

Reagent Information Log - IONC IC D - Water /Soil
GN Batch ID#:_____GN49537_____

Reagent	Reagent # or Man./Lot	Exp. Date
Standard Stocks (for Calibration Curve) (4000 PPM CHL/SO4)	SCP S231010048	11/30/2024
Standard Stocks (for Calibration Curve) (100 PPM BRO)	SCP S231010070	11/30/2024
Standard Stocks (for Calibration Curve) (100 PPM F)	SCP S231010050	11/30/2024
ICV MIX I (200 PPM CHL/SO4)	SCP S230501021	5/31/2024
ICV MIX II (100 PPM F/BRO)	SCP S231025008	11/30/2024
ICV	GNE12-73380-IC	1/18/2024
Eluent	220950717311	9/30/2024
CCV	GNE12-73388-IC	1/18/2024
Spiking Solution	SCP S231010051	11/30/2024
Filter lot numbers	LAB S&S 140320014	NA

Form : GN087A-76
Rev. Date: 4/7/09

SGS

Analyst: SS

Product: ANIONS

Pipette ID: 59

Prep Date: 12/20/2023

Balance ID:

Batch ID: GN49537

Sample Prep Log

Sample ID	Initial Sample Amount	Final Volume
GP51202-B1	0.5 ML OF SPIKE MIX TO 50 ML DIH20	50 ML DI H2O
GP51202-S1	0.5 ML OF SPIKE MIX TO 50 ML JD79174-6	50 ML JD79174-6

Reviewer:

Date:

Form: GN166-04
Revised: 10/27/16

SGS

Analyst SS Product Anions Autopipette # 59

Date 12/20/23 Batch ID _____ Class A Vol. Flask

Sample Dilution Prep Log

Sample ID	Dilution	Initial Volume	Final Volume	Comments
JD78959-4	1:20	1	20	DI H2O
-4F	1:20	1	20	"
JD78996-3	1:5	5	25	"
~~JD79185-12~~	~~1:50~~	~~1~~	~~50~~	~~DI H2O Difficult Matrix~~
JD79133-1	1:10	5	50	DI H2O Difficult Matrix
-2	"	"	"	"
-3	"	"	"	"
-1F	"	"	"	"
-2F	"	"	"	"
-3F	"	"	"	"

QC Reviewer: _____ Date: _____

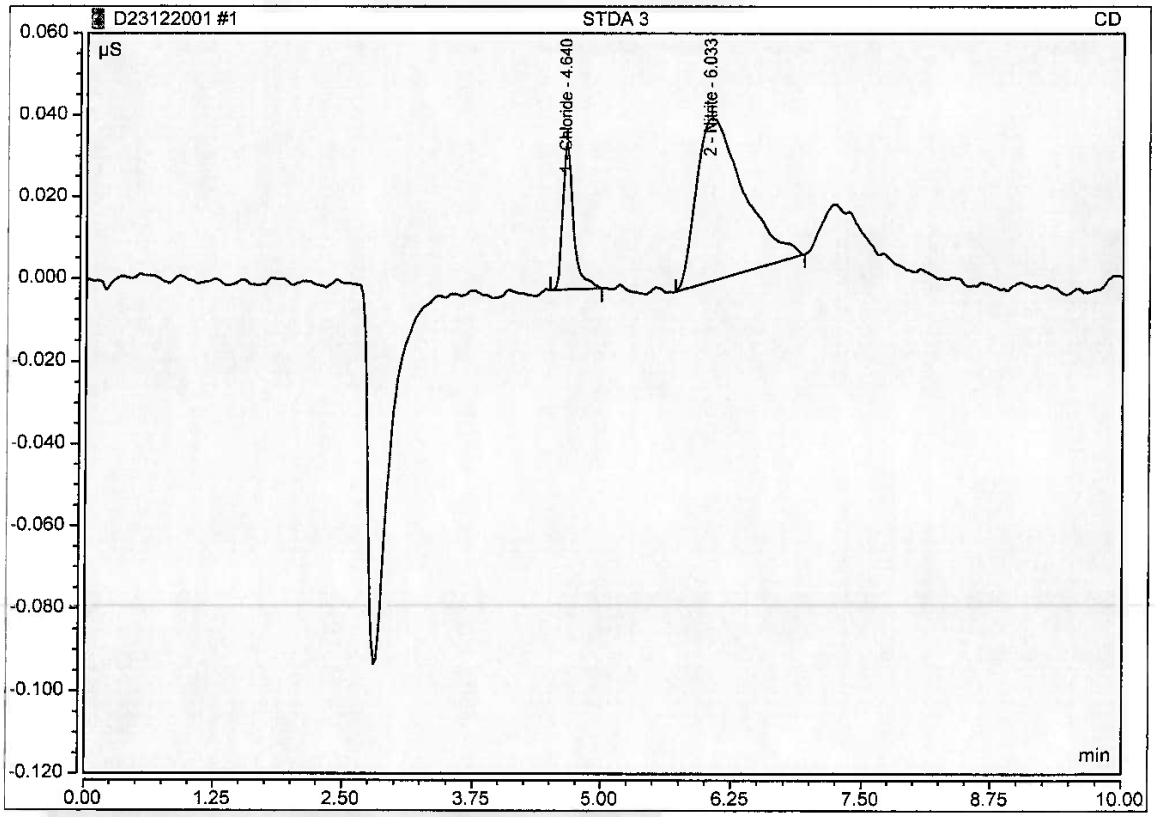
Form: GN165-01
Rev. Date: 2/25/03

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDA 3**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 16:05**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.64	Chloride	BMB	0.004	0.036	0.2284
2	6.03	Nitrite	BMB	0.021	0.040	0.1028
TOTAL:				0.03	0.08	0.33



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

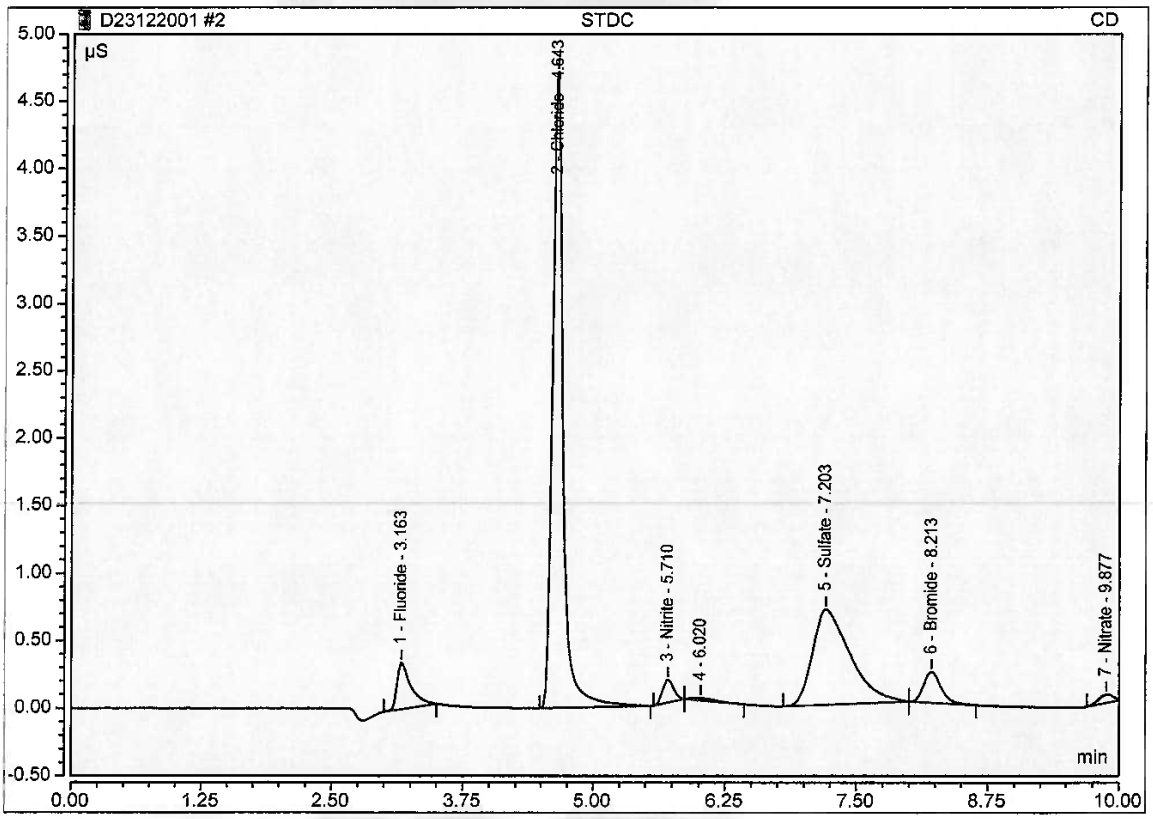
Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDC**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 16:18**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.16	Fluoride	BMB	0.052	0.343	0.2189
2	4.64	Chloride	BMB	0.552	4.718	1.9263
3	5.71	Nitrite	BMb	0.020	0.166	0.1003
5	7.20	Sulfate	BMb	0.291	0.708	2.2799
6	8.21	Bromide	bMB	0.043	0.226	0.5400
7	9.88	Nitrate	BMB	0.010	0.060	0.1667
TOTAL:				0.97	6.22	5.23

RC 1.
9.45 1.
-3.69 1.
14 1.
8 1.



11.3 11

Anion/Integration

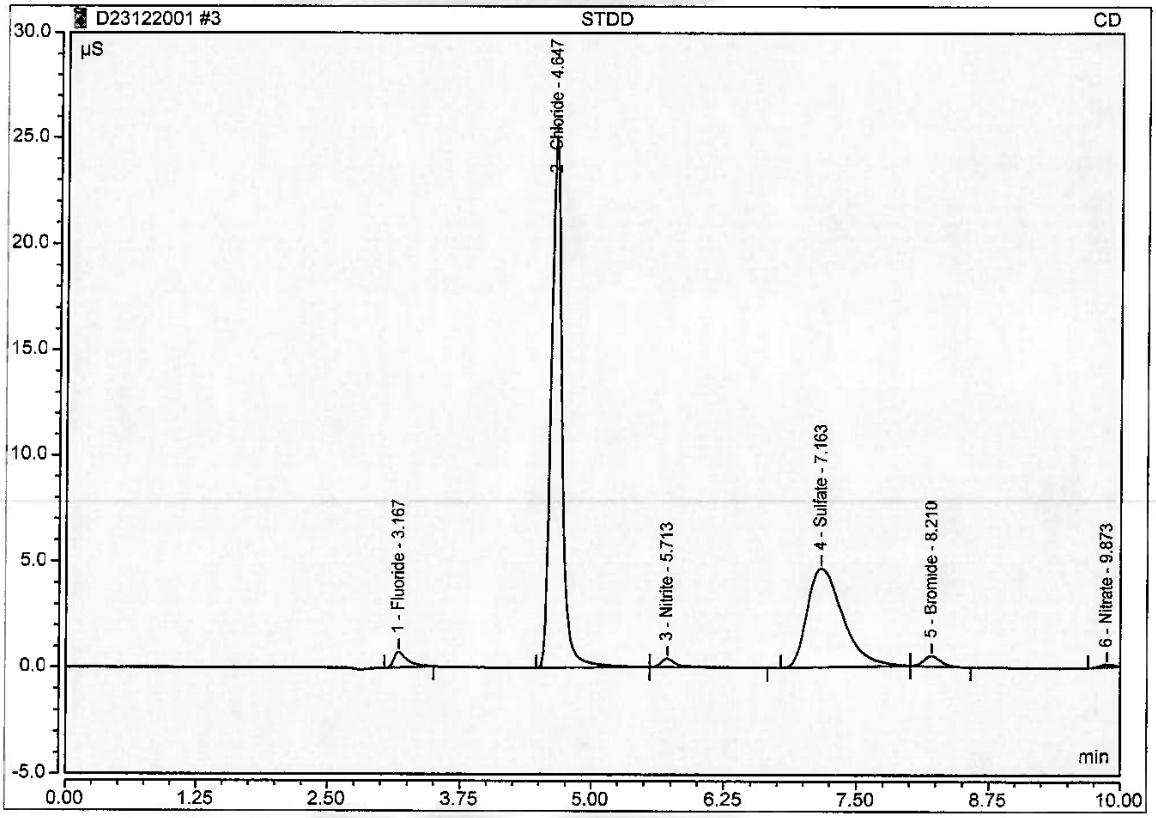
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDD**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 16:47**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	**Fluoride**	BMB	0.109	0.755	0.3744
2	4.65	**Chloride**	BMb	2.978	25.080	9.4400
3	5.71	**Nitrite**	bMB	0.075	0.408	0.3755
4	7.16	**Sulfate**	BMb	1.827	4.662	8.9743
5	8.21	**Bromide**	bMB	0.089	0.488	0.9513
6	9.87	**Nitrate**	BMB	0.019	0.116	0.2807
		TOTAL:		5.10	31.51	20.40



Anion/Integration

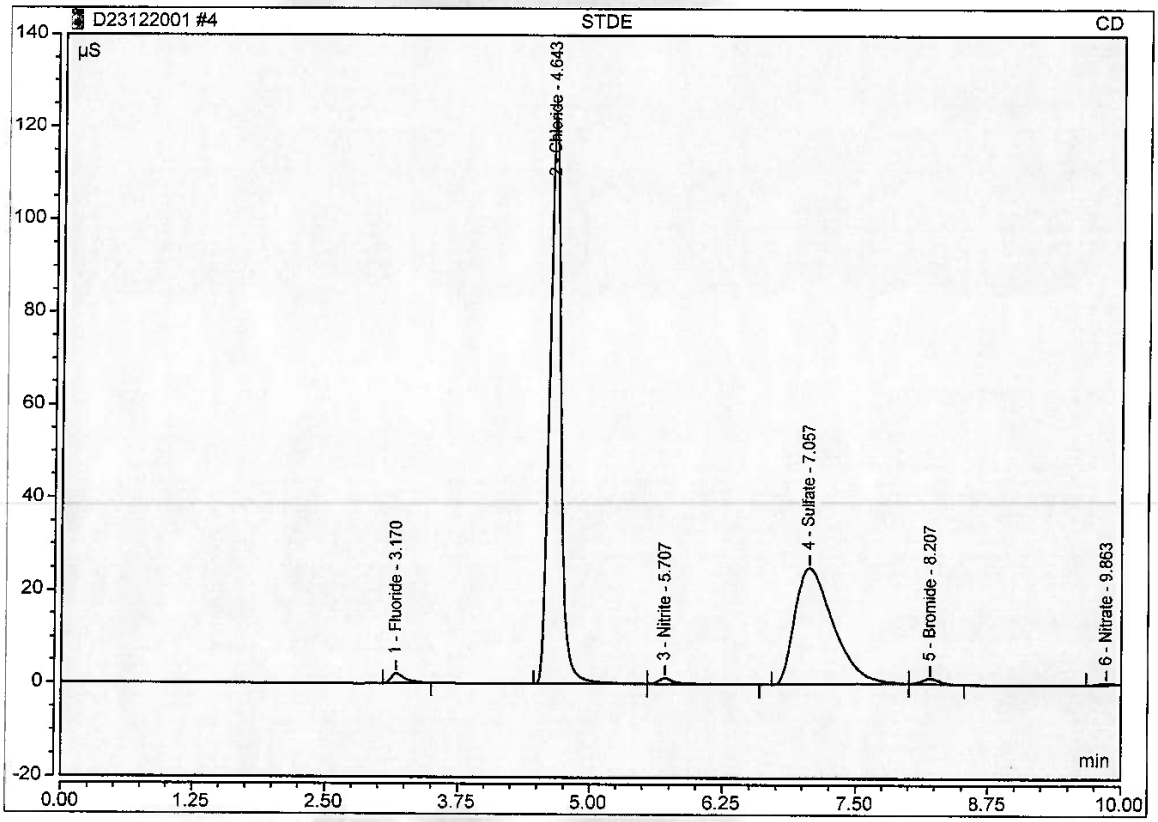
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDE**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 16:59**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	Fluoride	BMB	0.316	2.165	0.9416
2	4.64	Chloride	BMb	15.455	123.576	48.0915
3	5.71	Nitrite	bMB	0.200	1.181	0.9992
4	7.06	Sulfate	BMb	10.581	25.144	47.1208
5	8.21	Bromide	bMB	0.194	1.080	1.8779
6	9.86	Nitrate	BMB	0.060	0.356	0.7848
TOTAL:				26.81	153.50	99.82



Anion/Integration

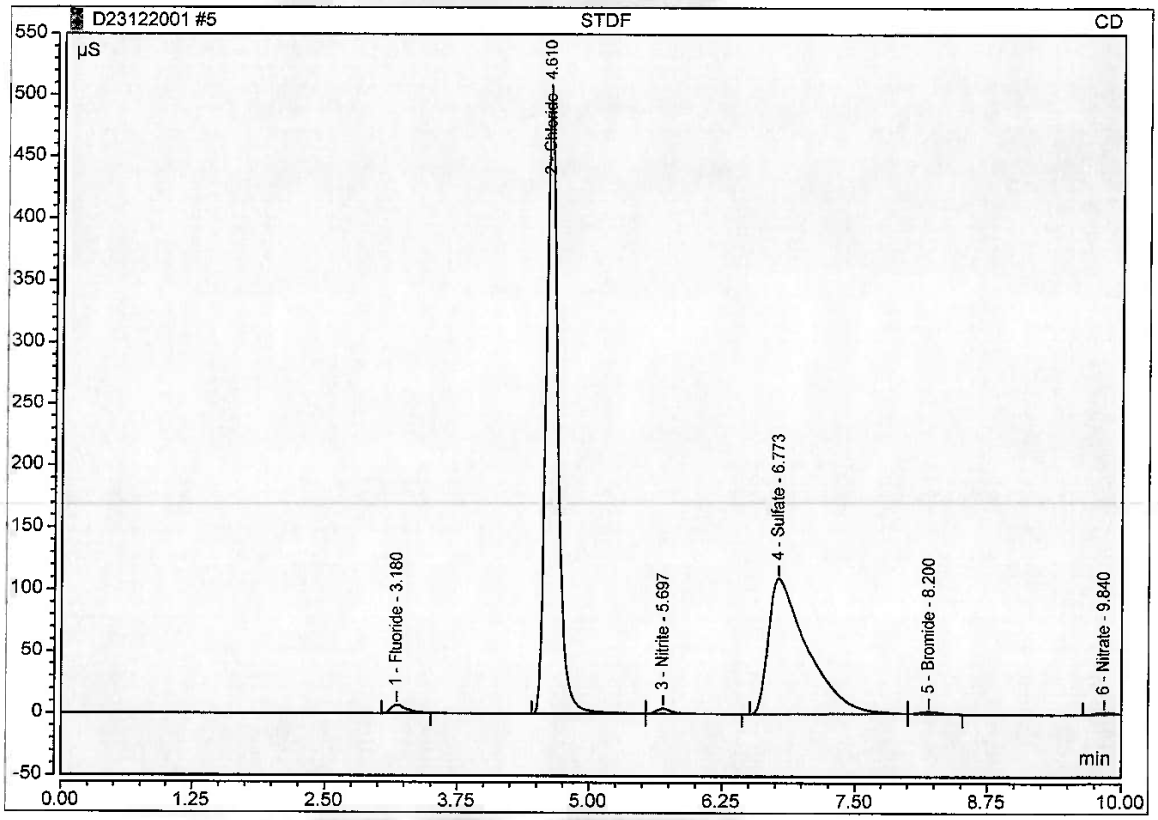
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 17:12**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount	REL.
1	3.18	Fluoride	BMB	1.105	6.634	3.1039	3.46 %
2	4.61	Chloride	BMb	65.839	497.358	204.1701	2.09 %
3	5.70	Nitrite	bMB	0.630	4.142	3.1548	2.23 %
4	6.77	Sulfate	BMb	46.689	109.729	204.4646	
5	8.20	Bromide	bMB	0.323	1.773	3.0266	0.81 %
6	9.84	Nitrate	BMB	0.253	1.428	3.1628	
TOTAL:				114.84	621.06	421.08	



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

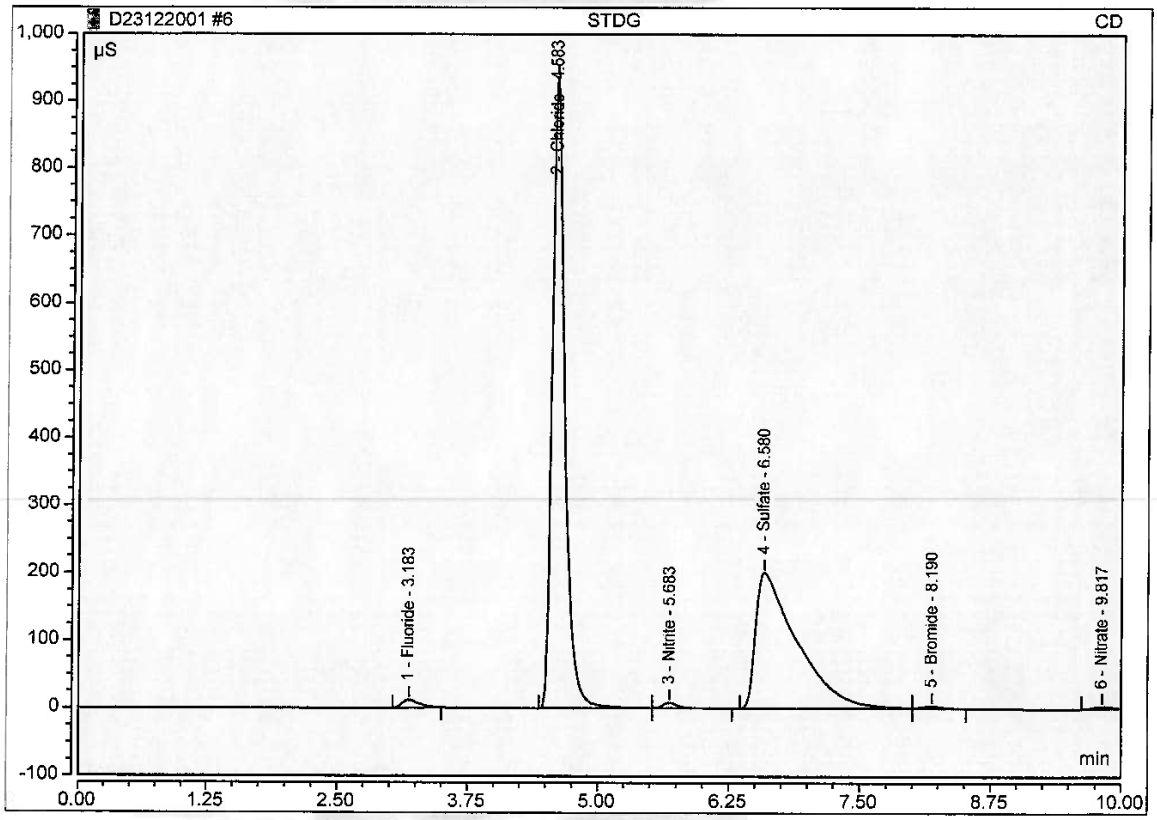
11.3 11

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**STDG**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 17:25**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.18	Fluoride	BMB	2.149	11.666	5.9613
2	4.58	Chloride	BMb	128.530	936.067	398.3721
3	5.68	Nitrite	bMB	1.193	7.900	5.9702
4	6.58	Sulfate	BMb	91.368	201.130	399.1604
5	8.19	Bromide	bMB	0.556	2.993	5.1042
6	9.82	Nitrate	BMB	0.574	3.040	7.1049
TOTAL:				224.37	1162.80	821.67



Anion/Integration

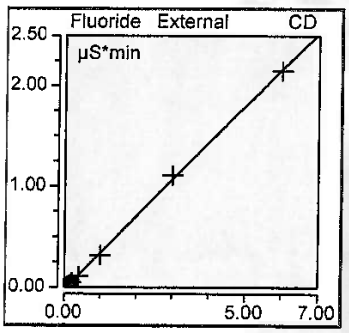
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

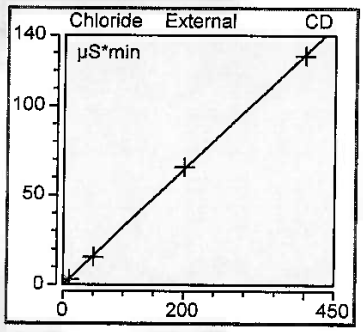
Calibration Batch Report

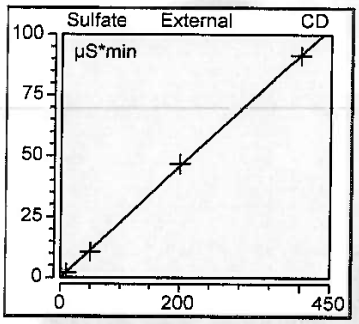
Sequence:	D23122001	*Injection Volu*	5,000.00
Instrument M	Anions_012 919	*Operator:*	Chemistry
Inj. Date / Tin	18/12/2023 / 16:18	*Run Time:*	10

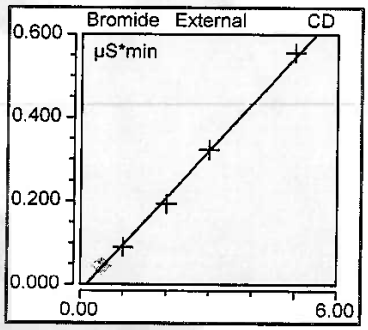
bration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Fluoride	Area	, WithOffset,	5.000	-0.028	0.365	0.000	99.8636
Chloride	Area	, WithOffset,	6.000	-0.069	0.323	0.000	99.9646
Nitrite	Area	, WithOffset,	6.000	0.000	0.200	0.000	98.7431
Sulfate	Area	, WithOffset,	5.000	-0.232	0.229	0.000	99.9339
Bromide	Area	, WithOffset,	5.000	-0.018	0.112	0.000	99.7098
Nitrate	Area	, WithOffset,	5.000	-0.004	0.081	0.000	90.3482
		AVERAGE:		-0.0584	0.2185	0.0000	98.0939







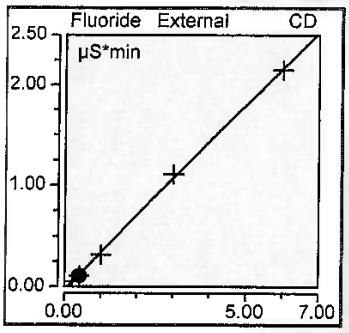


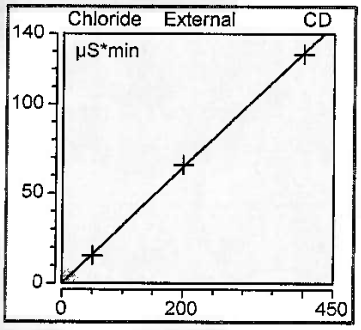
Calibration Batch Report

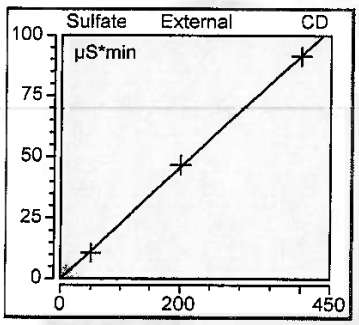
Sequence:	**D23122001**	*Injection Volu*	**5,000.00**
Instrument M	**Anions_012 919**	*Operator:*	**Chemistry**
Inj. Date / Tin	**18/12/2023 / 16:47**	*Run Time:*	**10**

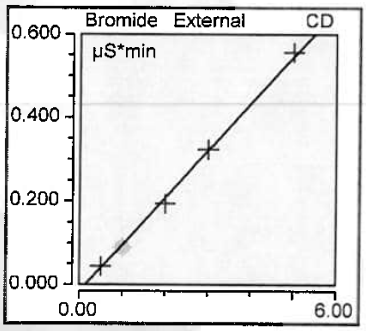
bration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Fluoride	Area	, WithOffset,	5.000	-0.028	0.365	0.000	99.8636
Chloride	Area	, WithOffset,	6.000	-0.069	0.323	0.000	99.9646
Nitrite	Area	, WithOffset,	6.000	0.000	0.200	0.000	98.7431
Sulfate	Area	, WithOffset,	5.000	-0.232	0.229	0.000	99.9339
Bromide	Area	, WithOffset,	5.000	-0.018	0.112	0.000	99.7098
Nitrate	Area	, WithOffset,	5.000	-0.004	0.081	0.000	90.3482
		AVERAGE:		-0.0584	0.2185	0.0000	98.0939







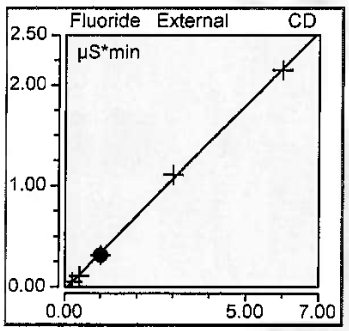


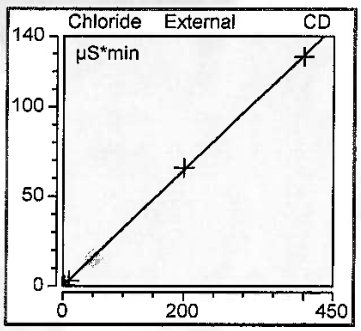
Calibration Batch Report

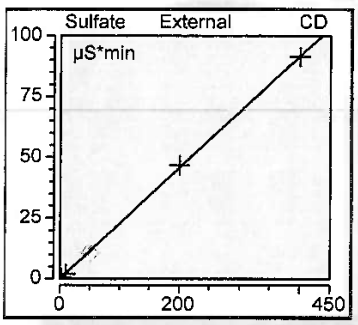
Sequence:	**D23122001**	*Injection Volu*	**5,000.00**
Instrument M	**Anions_012 919**	*Operator:*	**Chemistry**
Inj. Date / Tin	**18/12/2023 / 16:59**	*Run Time:*	**10**

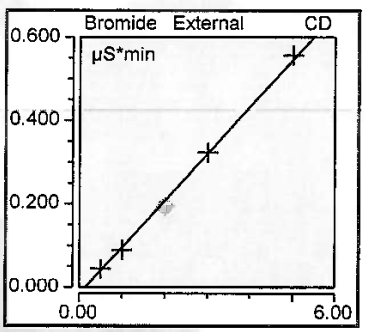
bration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Fluoride	Area	, WithOffset,	5.000	-0.028	0.365	0.000	99.8636
Chloride	Area	, WithOffset,	6.000	-0.069	0.323	0.000	99.9646
Nitrite	Area	, WithOffset,	6.000	0.000	0.200	0.000	98.7431
Sulfate	Area	, WithOffset,	5.000	-0.232	0.229	0.000	99.9339
Bromide	Area	, WithOffset,	5.000	-0.018	0.112	0.000	99.7098
Nitrate	Area	, WithOffset,	5.000	-0.004	0.081	0.000	90.3482
		AVERAGE:		-0.0584	0.2185	0.0000	98.0939







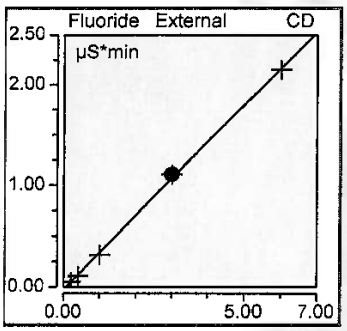


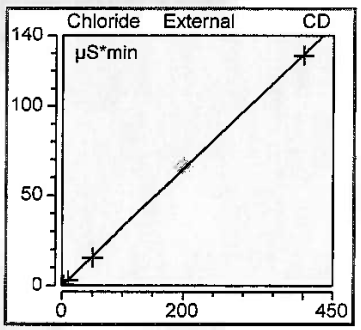
Calibration Batch Report

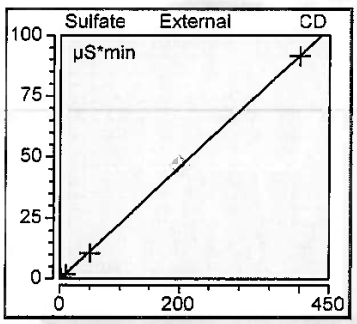
Sequence:	**D23122001**	*Injection Volu*	**5,000.00**
Instrument M	**Anions_012 919**	*Operator:*	**Chemistry**
Inj. Date / Tin	**18/12/2023 / 17:12**	*Run Time:*	**10**

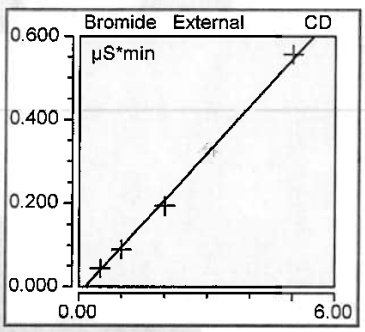
bration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Fluoride	Area	, WithOffset,	5.000	-0.028	0.365	0.000	99.8636
Chloride	Area	, WithOffset,	6.000	-0.069	0.323	0.000	99.9646
Nitrite	Area	, WithOffset,	6.000	0.000	0.200	0.000	98.7431
Sulfate	Area	, WithOffset,	5.000	-0.232	0.229	0.000	99.9339
Bromide	Area	, WithOffset,	5.000	-0.018	0.112	0.000	99.7098
Nitrate	Area	, WithOffset,	5.000	-0.004	0.081	0.000	90.3482
		AVERAGE:		-0.0584	0.2185	0.0000	98.0939







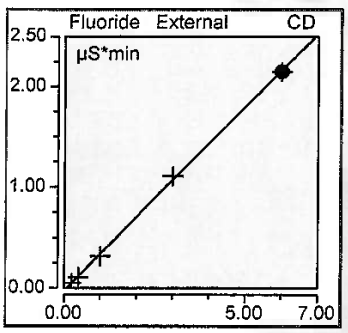


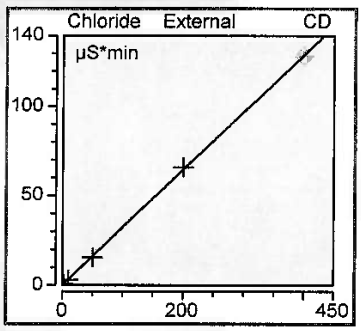
Calibration Batch Report

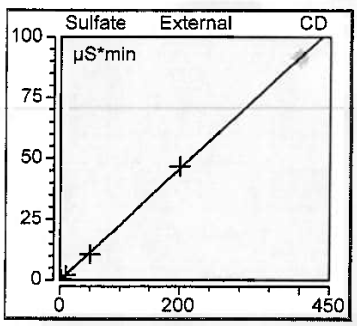
Sequence:	D23122001	*Injection Volu*	5,000.00
Instrument M	Anions_012 919	*Operator:*	Chemistry
Inj. Date / Tin	18/12/2023 / 17:25	*Run Time:*	10

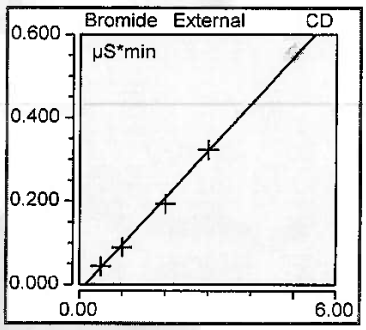
bration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
Fluoride	Area	, WithOffset,	5.000	-0.028	0.365	0.000	99.8636
Chloride	Area	, WithOffset,	6.000	-0.069	0.323	0.000	99.9646
Nitrite	Area	, WithOffset,	6.000	0.000	0.200	0.000	98.7431
Sulfate	Area	, WithOffset,	5.000	-0.232	0.229	0.000	99.9339
Bromide	Area	, WithOffset,	5.000	-0.018	0.112	0.000	99.7098
Nitrate	Area	, WithOffset,	5.000	-0.004	0.081	0.000	90.3482
		AVERAGE:		-0.0584	0.2185	0.0000	98.0939







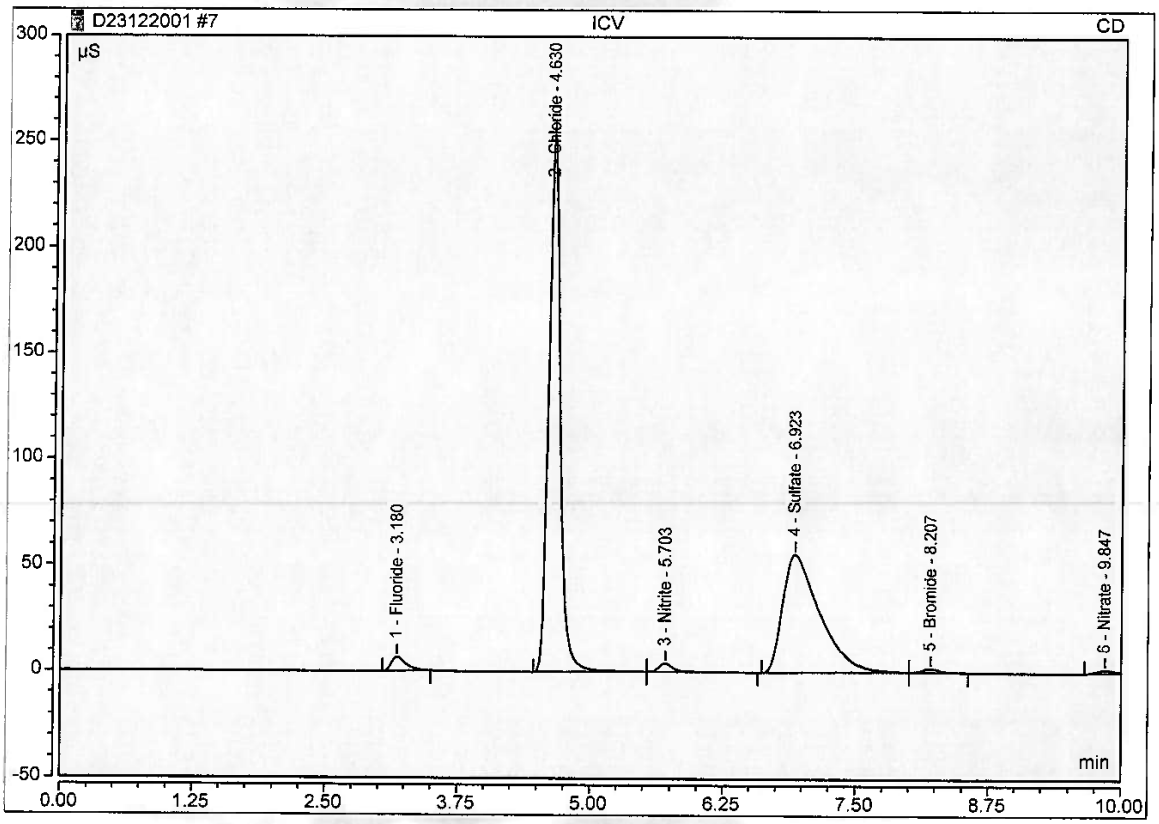


Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**ICV**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**18-Dec-2023 / 17:38**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.18	Fluoride	BMB	1.064	6.655	2.9912
2	4.63	Chloride	BMb	32.298	253.829	100.2668
3	5.70	Nitrite	bMB	0.616	4.006	3.0819
4	6.92	Sulfate	BMb	22.962	55.734	101.0691
5	8.21	Bromide	bMB	0.321	1.765	3.0093
6	9.85	Nitrate	BMB	0.235	1.348	2.9355
TOTAL:				57.50	323.34	213.35



Anion/Integration

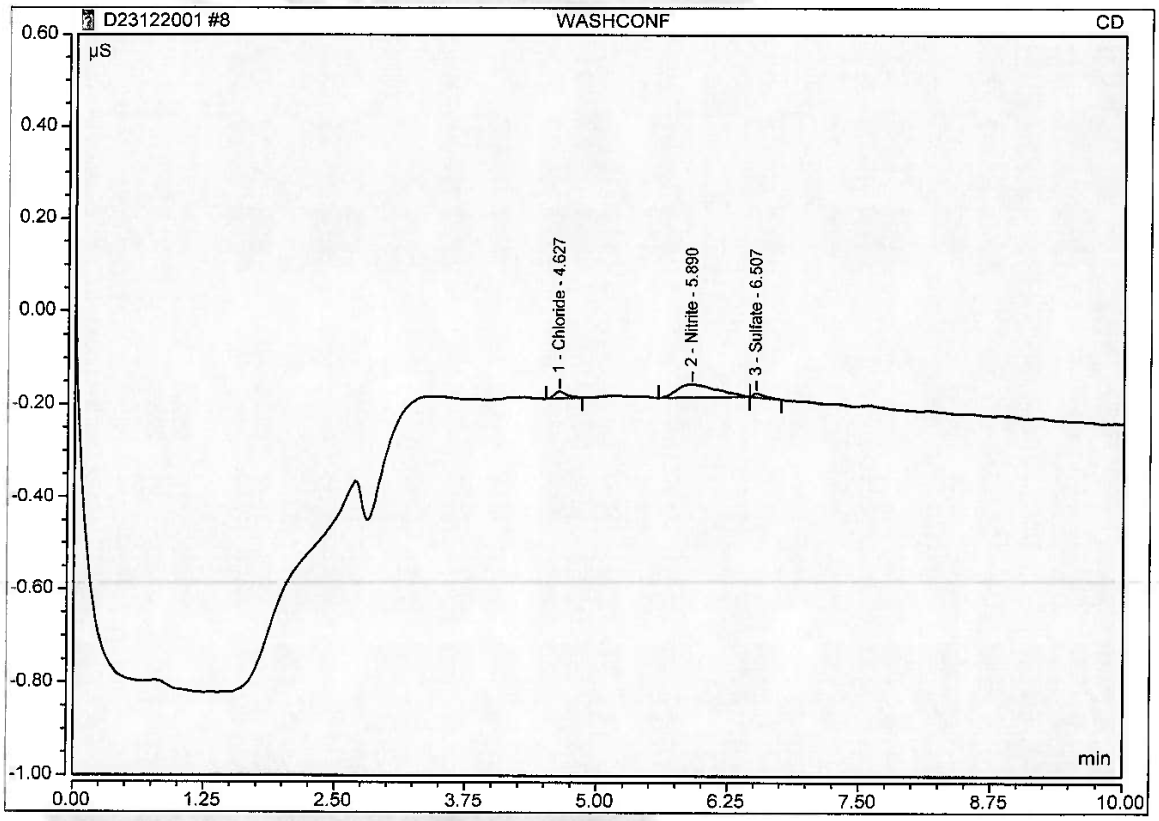
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**WASHCONF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 15:00**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.63	Chloride	BMB	0.002	0.015	0.2211
2	5.89	Nitrite	BMB	0.013	0.028	0.0627
3	6.51	Sulfate	BMB	0.001	0.009	1.0159
TOTAL:				0.02	0.05	1.30



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

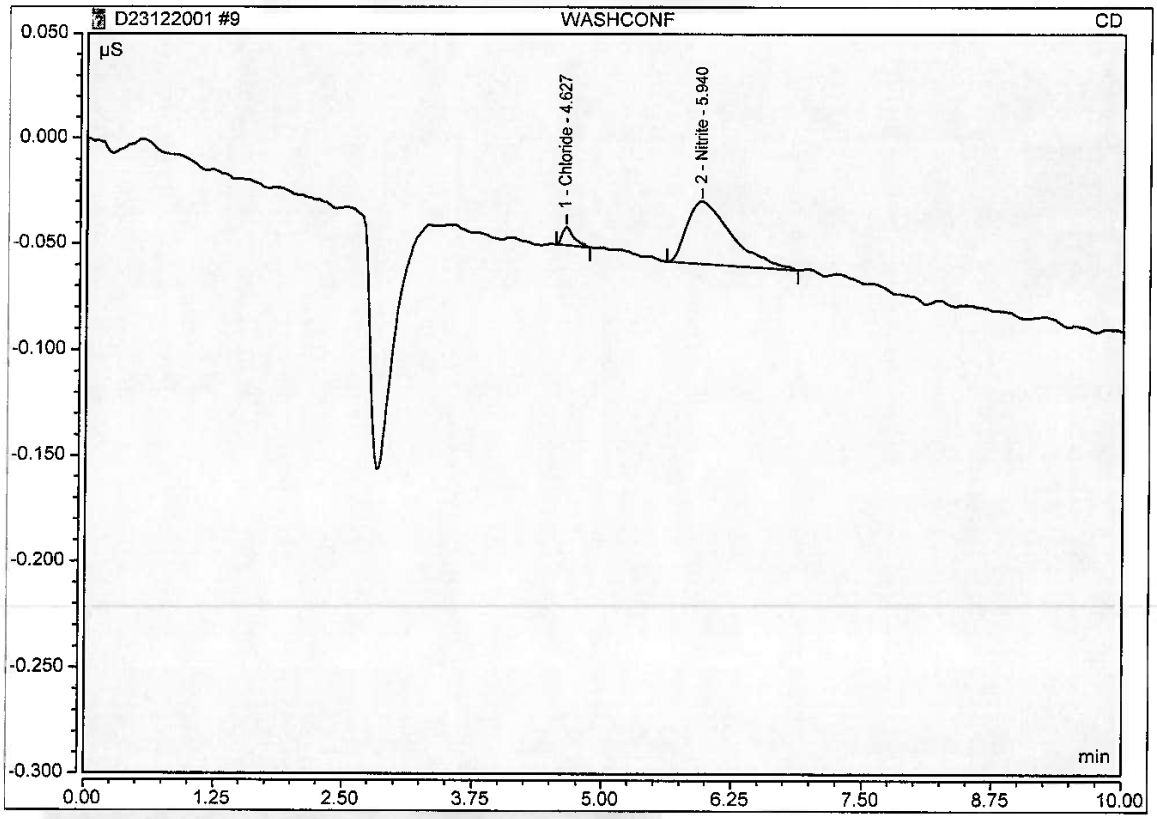
11.3 11

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**WASHCONF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 15:12**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.63	Chloride	BMB	0.001	0.009	0.2183
2	5.94	Nitrite	BMB	0.015	0.030	0.0736
TOTAL:				0.02	0.04	0.29



Anion/Integration

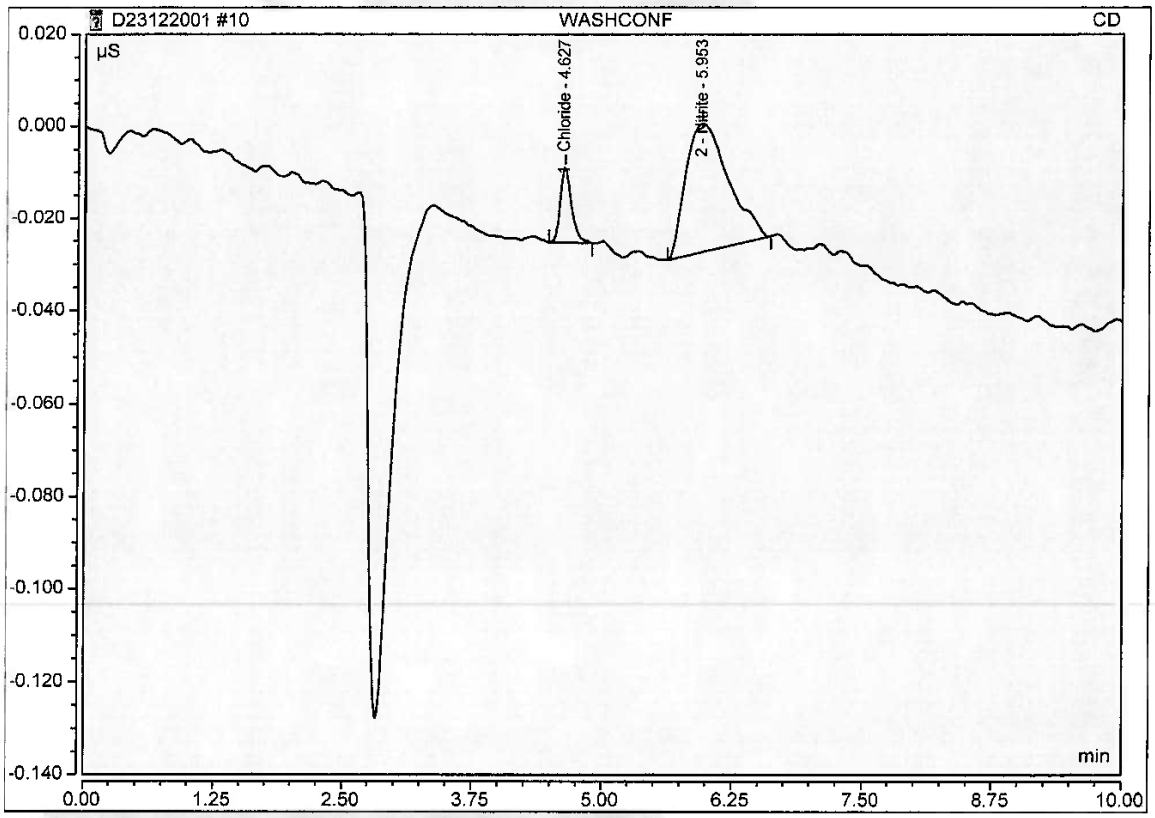
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**WASHCONF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 15:25**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.63	Chloride	BMB	0.002	0.017	0.2213
2	5.95	Nitrite	BMB	0.013	0.028	0.0653
TOTAL:				0.02	0.04	0.29



Anion/Integration

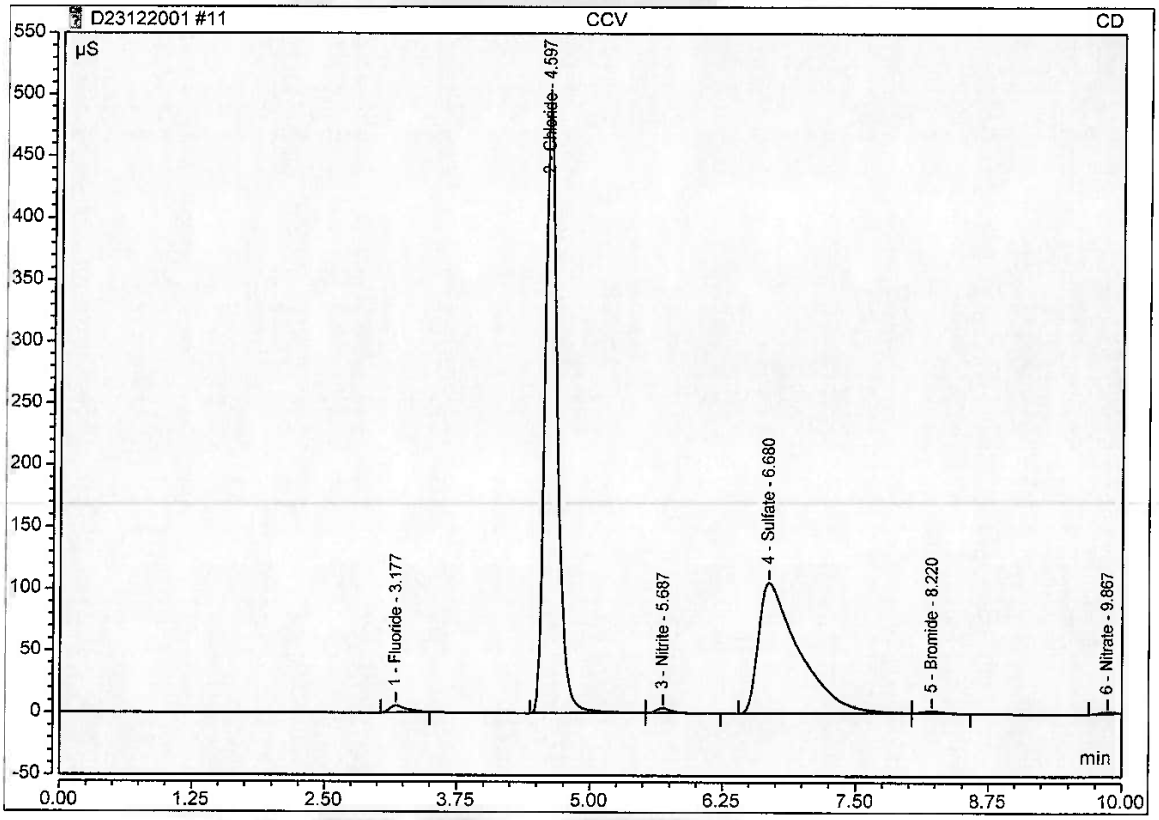
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCV**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 15:38**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.18	Fluoride	BMB	1.011	5.596	2.8459
2	4.60	Chloride	BMb	66.130	493.976	205.0710
3	5.69	Nitrite	bMB	0.586	4.083	2.9321
4	6.68	Sulfate	BMb	46.462	105.916	203.4773
5	8.22	Bromide	bMB	0.306	1.653	2.8781
6	9.87	Nitrate	BMB	0.190	1.175	2.3828
TOTAL:				114.69	612.40	419.59



Anion/Integration

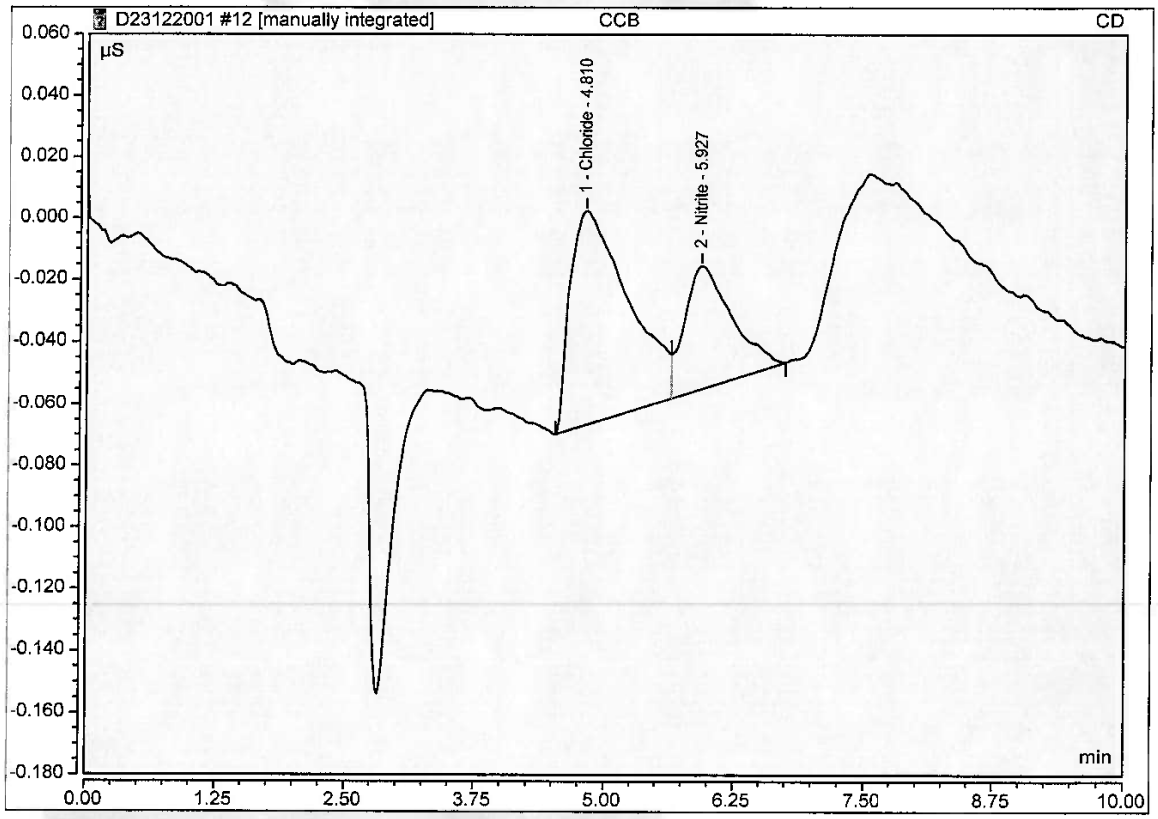
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 15:51**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.81	Chloride	BM	0.044	0.069	0.3510
2	5.93	Nitrite	MB	0.021	0.039	0.1032
TOTAL:				0.06	0.11	0.45



Anion/Integration

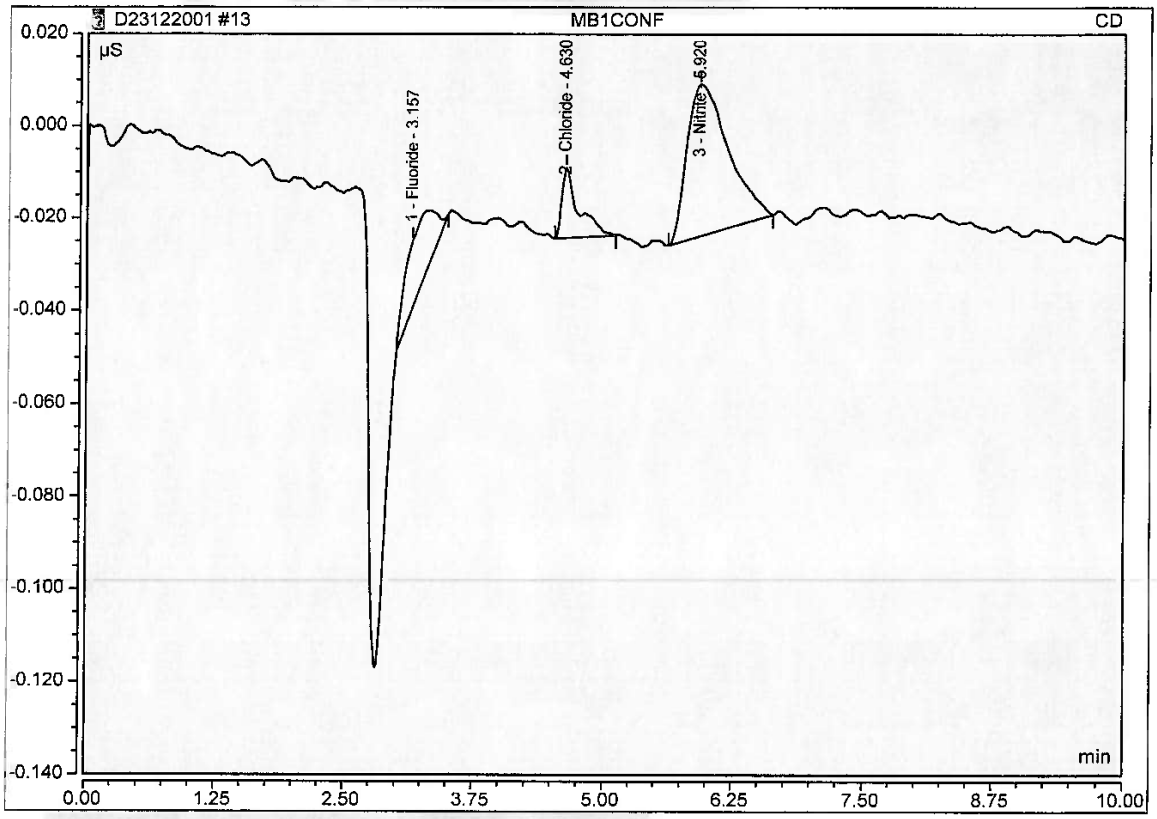
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**MB1CONF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 16:04**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.16	Fluoride	BMB	0.005	0.014	0.0888
2	4.63	Chloride	BMB	0.003	0.015	0.2235
3	5.92	Nitrite	BMB	0.015	0.033	0.0752
TOTAL:				0.02	0.06	0.39



Anion/Integration

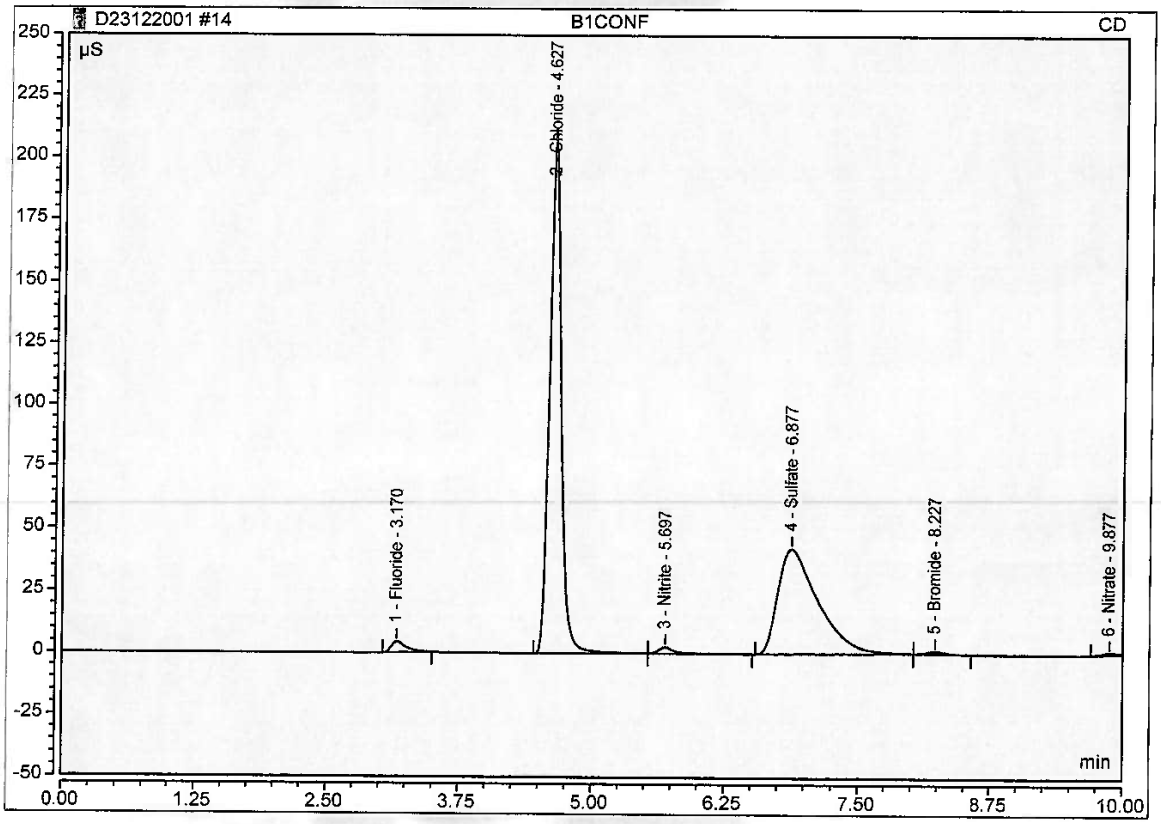
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**B1CONF**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 16:17**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	Fluoride	BMB	0.724	4.429	2.0597
2	4.63	Chloride	BMb	26.551	206.822	82.4628
3	5.70	Nitrite	bMB	0.432	2.618	2.1604
4	6.88	Sulfate	BMb	18.562	42.296	81.8992
5	8.23	Bromide	bMB	0.199	1.089	1.9280
6	9.88	Nitrate	BMB	0.108	0.700	1.3796
TOTAL:				46.58	257.95	171.89



Anion/Integration

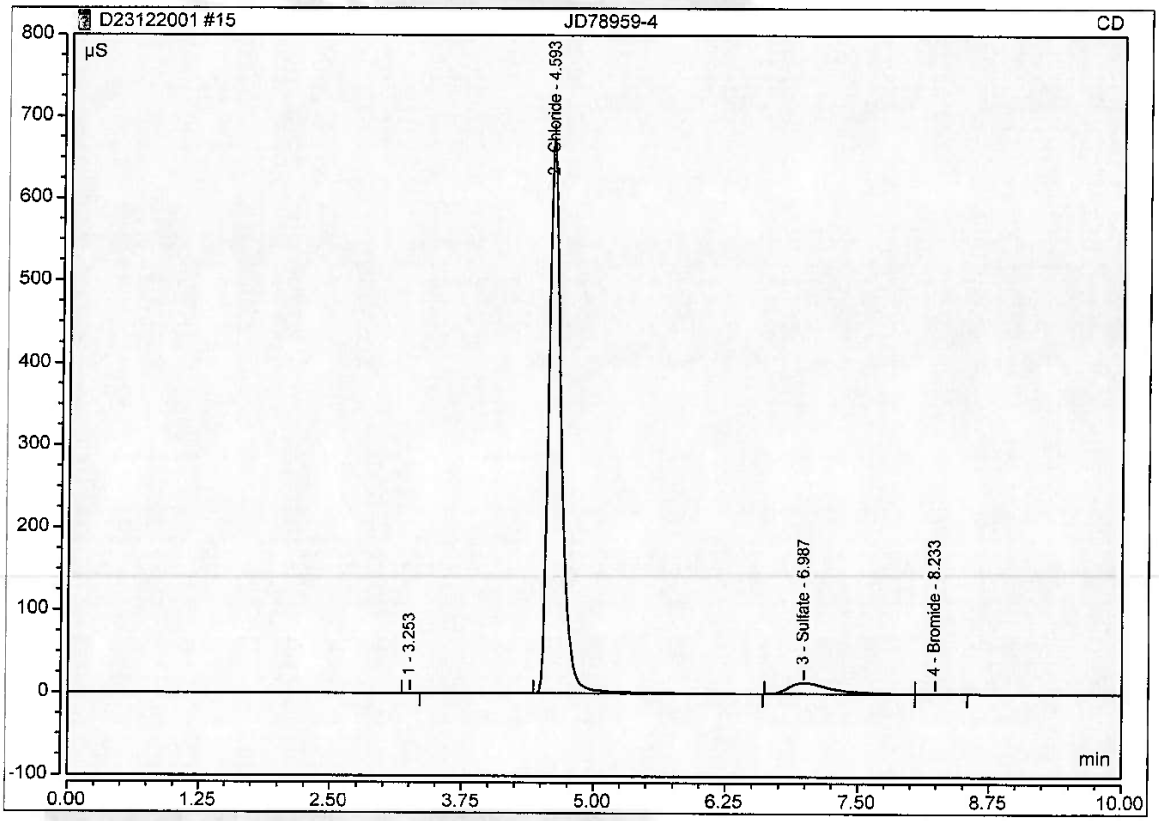
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD78959-4**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**20.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 19:33**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.59	Chloride	BMB	92.243	674.636	5719.2213
3	6.99	Sulfate	BMb	6.148	13.360	556.0475
4	8.23	Bromide	bMB	0.080	0.448	17.3444
		TOTAL:		98.47	688.44	6292.61



Anion/Integration

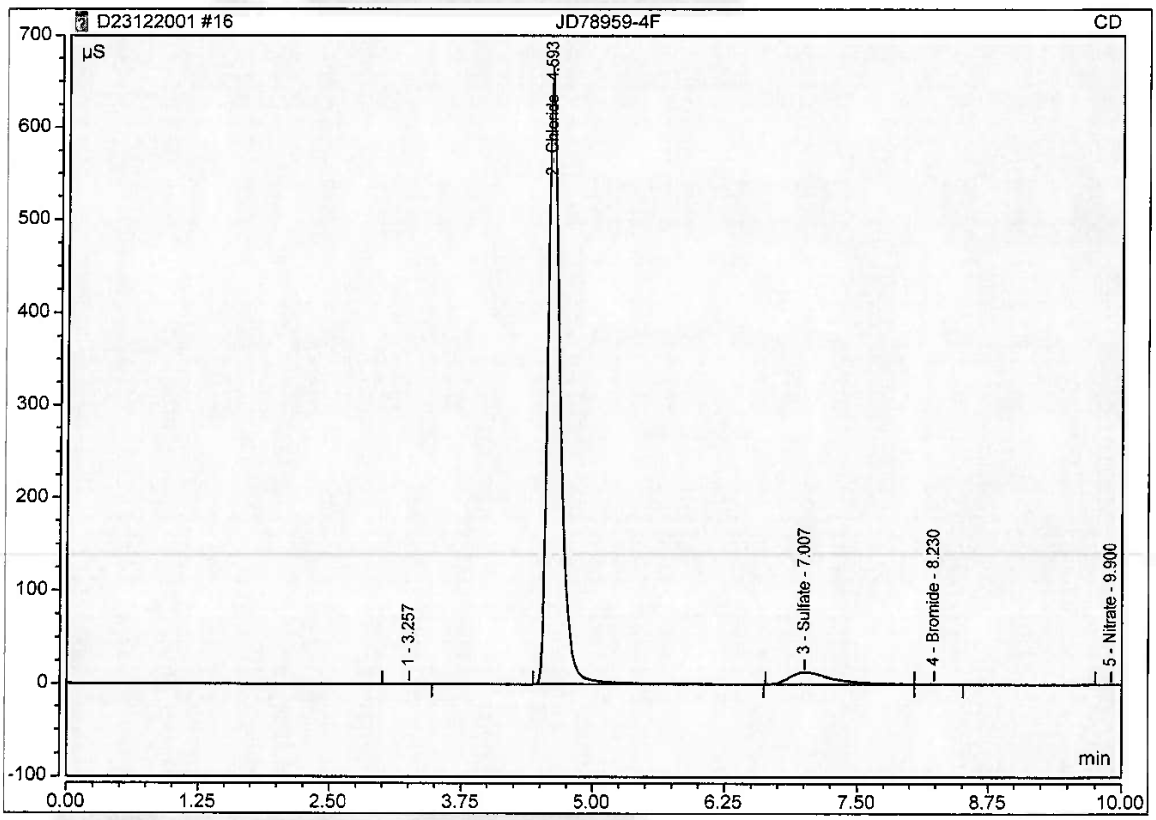
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD78959-4F**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**20.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 19:45**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.59	**Chloride**	BMB	89.268	653.190	5534.9390
3	7.01	**Sulfate**	BMb	5.903	12.828	534.7180
4	8.23	**Bromide**	bMB	0.079	0.447	17.2063
5	9.90	**Nitrate**	BMB	0.002	0.017	1.5580
TOTAL:				95.25	666.48	6088.42



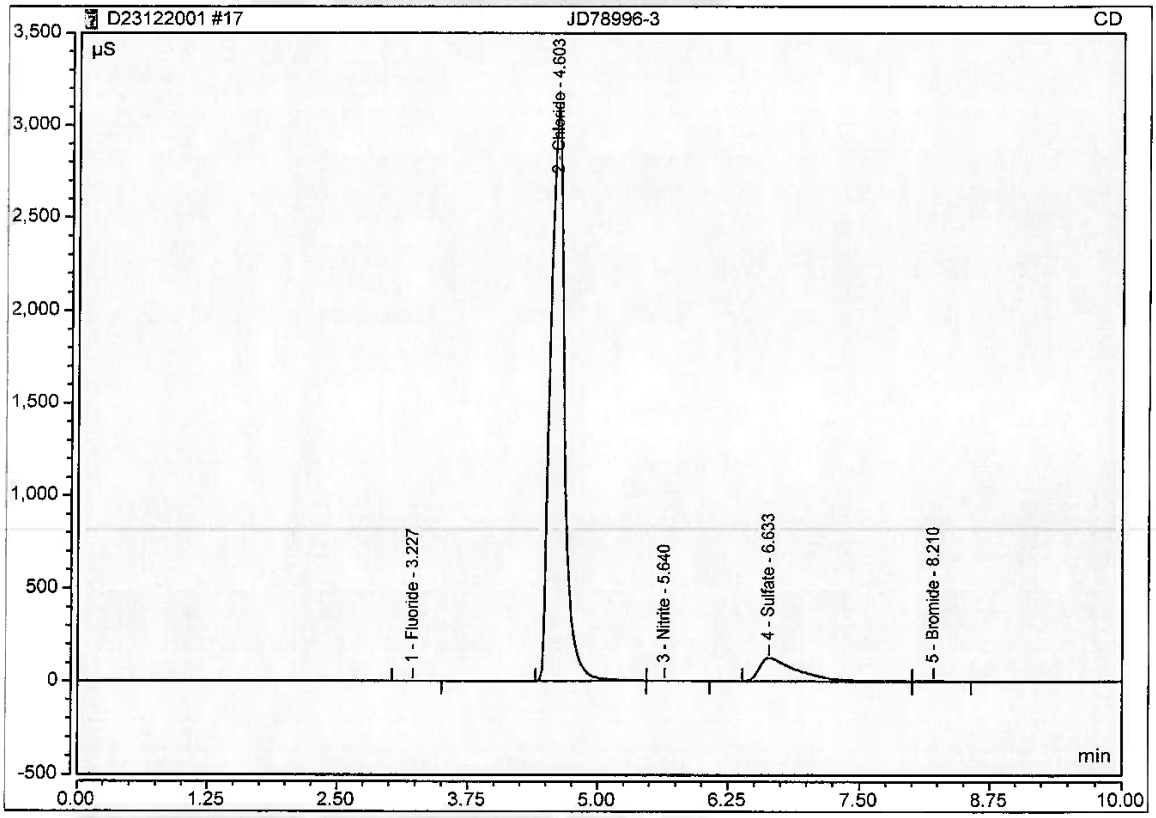
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD78996-3**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**5.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 19:58**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.23	Fluoride	BMB	0.037	0.193	0.8812
2	4.60	Chloride	BMb	488.242	3117.941	7563.3733
3	5.64	Nitrite	bMB	0.187	0.655	4.6699
4	6.63	Sulfate	BMb	53.298	125.903	1166.3175
5	8.21	Bromide	bMB	0.602	3.170	27.5464
TOTAL:				542.36	3247.86	8762.79



Anion/Integration

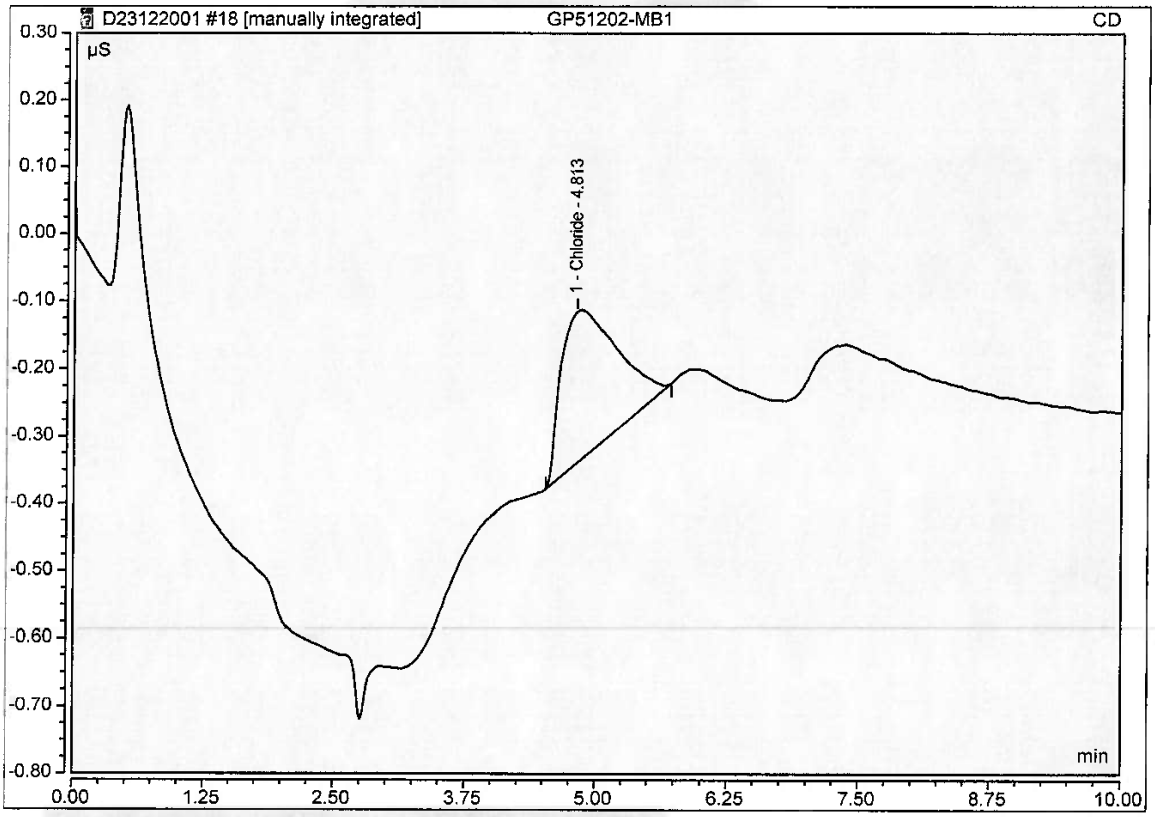
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**GP51202-MB1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 20:24**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.81	Chloride	BMB	0.135	0.224	0.6327
		TOTAL:		0.13	0.22	0.63



Anion/Integration

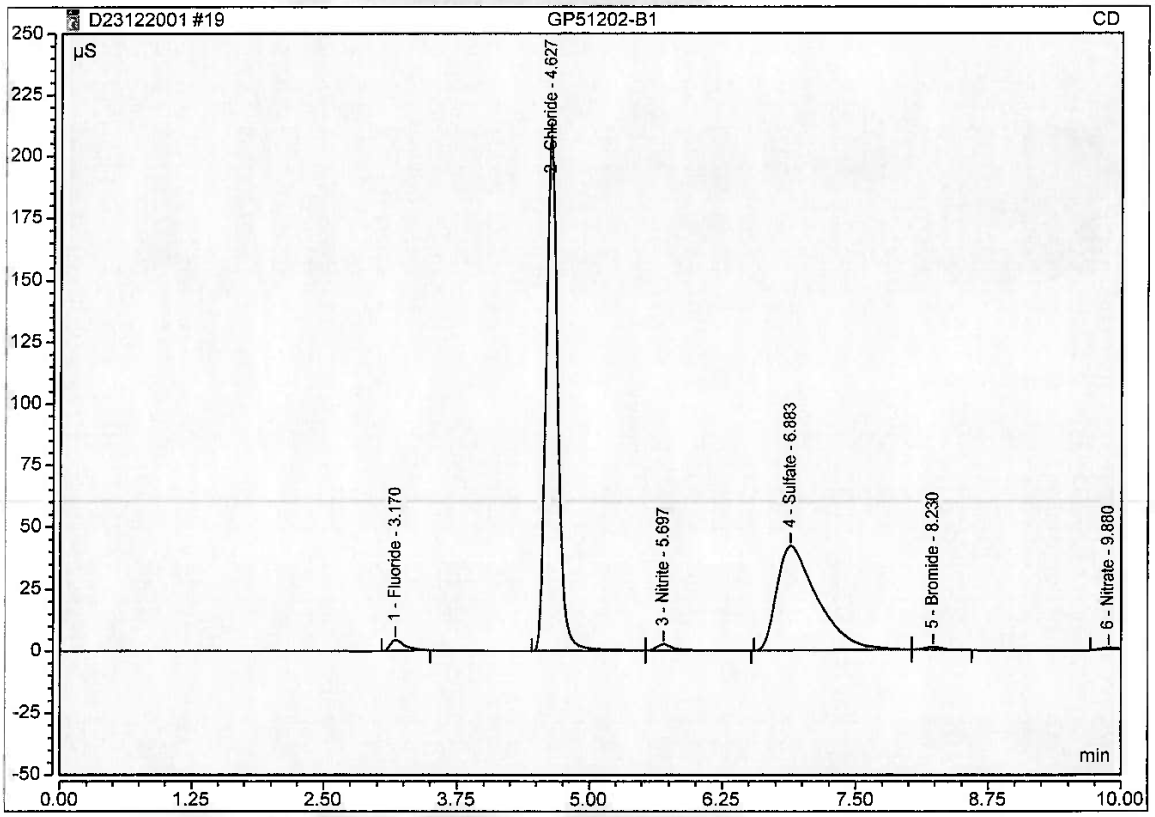
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**GP51202-B1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 20:37**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	Fluoride	BMB	0.710	4.443	2.0196
2	4.63	Chloride	BMb	26.592	208.133	82.5906
3	5.70	Nitrite	bMB	0.432	2.606	2.1613
4	6.88	Sulfate	BMb	18.658	42.073	82.3165
5	8.23	Bromide	bMB	0.200	1.102	1.9335
6	9.88	Nitrate	BMB	0.104	0.684	1.3313
TOTAL:				46.70	259.04	172.35



Anion/Integration

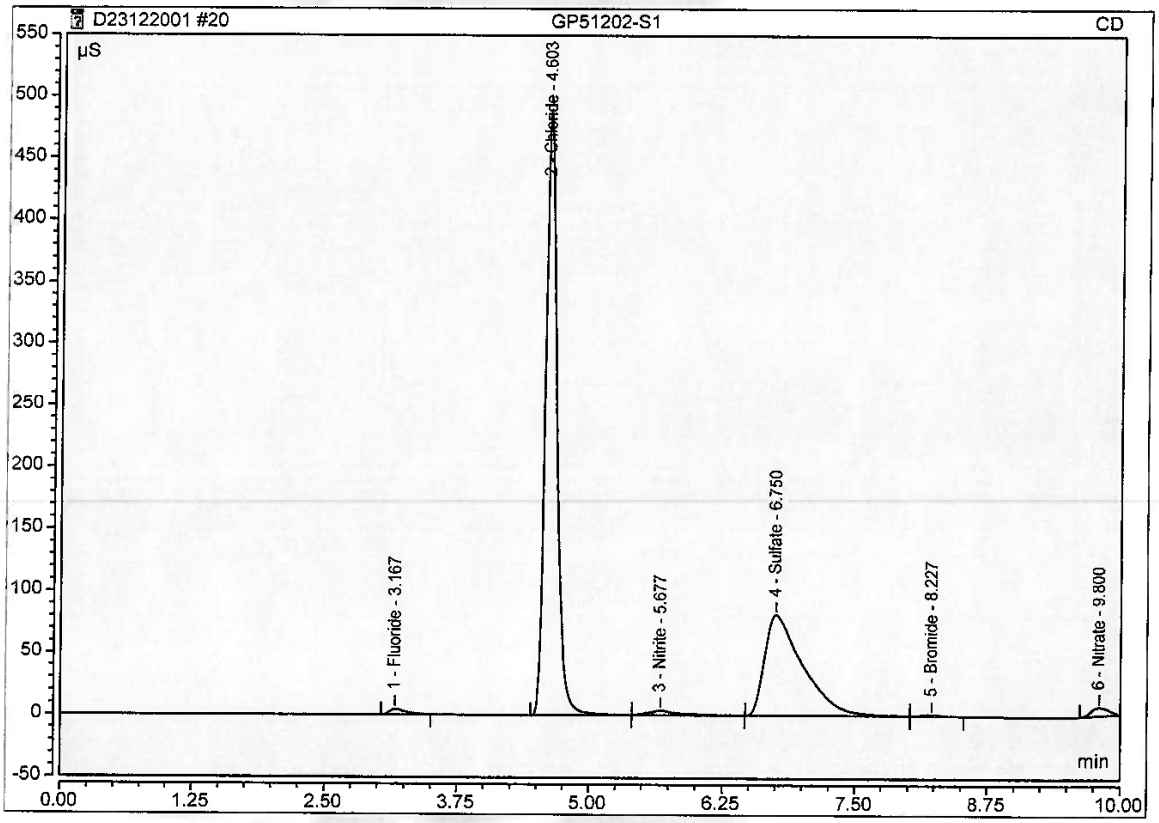
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**GP51202-S1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 20:50**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	Fluoride	BMB	0.755	4.608	2.1429
2	4.60	Chloride	BMB	63.007	490.043	195.3968
3	5.68	Nitrite	BMB	1.232	3.813	6.1656
4	6.75	Sulfate	BMb	33.833	81.597	148.4451
5	8.23	Bromide	bMB	0.210	1.164	2.0218
6	9.80	Nitrate	BMB	1.310	6.852	16.1490
TOTAL:				100.35	588.08	370.32



Anion/Integration

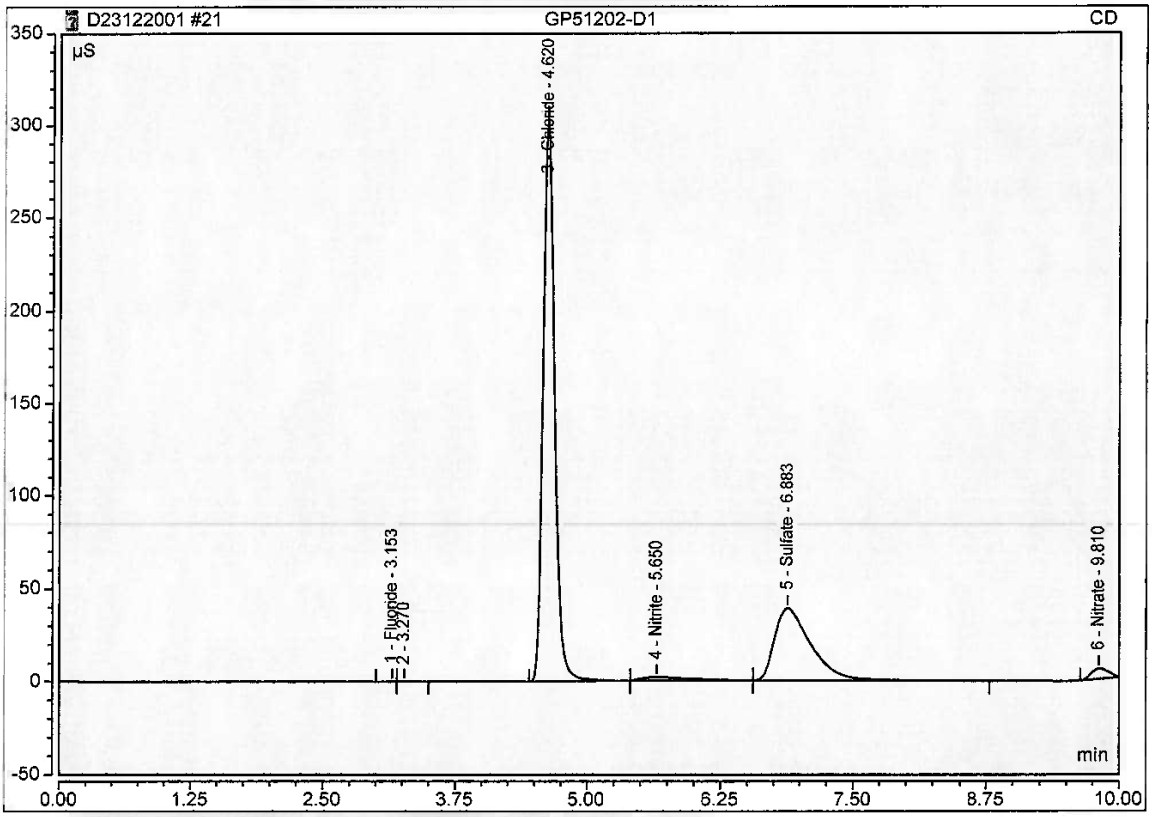
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**GP51202-D1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 21:03**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.15	Fluoride	BM	0.012	0.131	0.1090
3	4.62	Chloride	BMB	37.822	303.695	117.3781
4	5.65	Nitrite	BMb	1.033	2.020	5.1706
5	6.88	Sulfate	bMB	15.641	39.024	69.1679
6	9.81	Nitrate	BMB	1.075	5.769	13.2546
TOTAL:				55.58	350.64	205.08



Anion/Integration

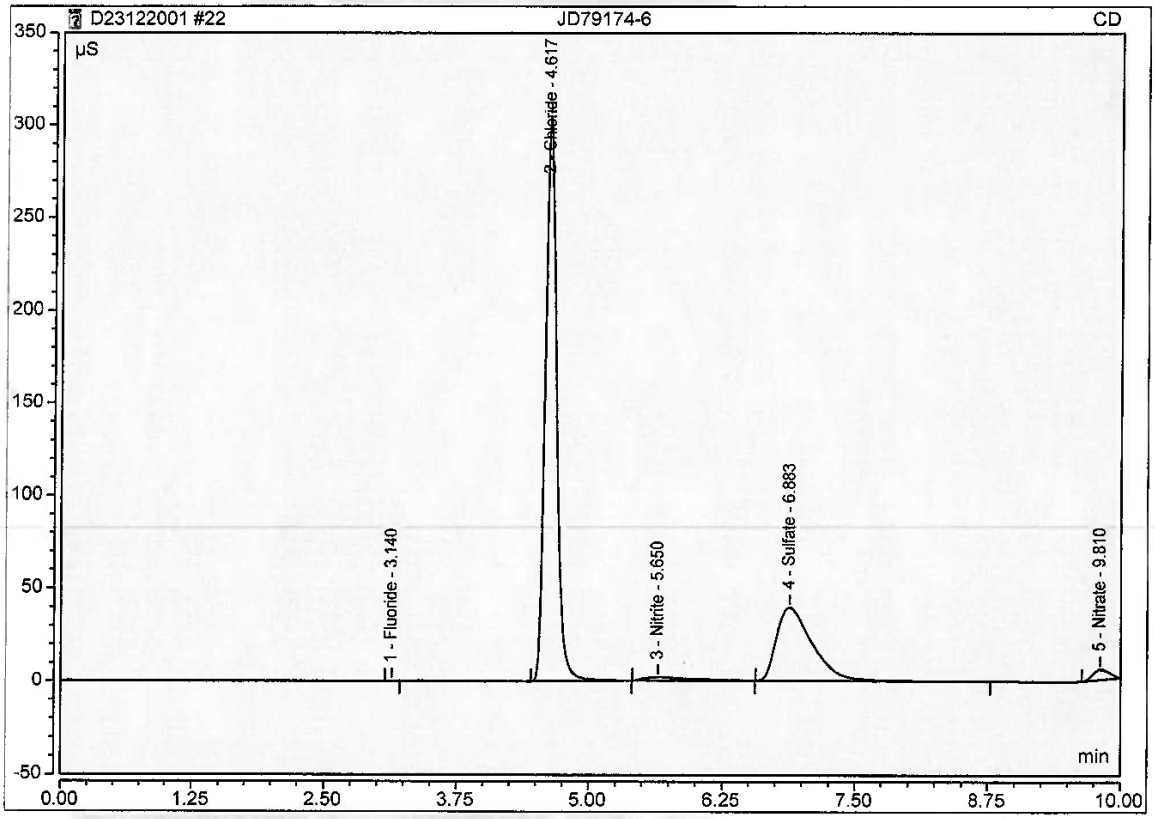
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79174-6**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 21:16**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.14	Fluoride	BMB	0.004	0.064	0.0877
2	4.62	Chloride	BMB	37.701	305.102	117.0052
3	5.65	Nitrite	BMB	1.042	2.037	5.2184
4	6.88	Sulfate	BMB	15.626	39.638	69.1033
5	9.81	Nitrate	BMB	1.078	5.787	13.2923
TOTAL:				55.45	352.63	204.71



Anion/Integration

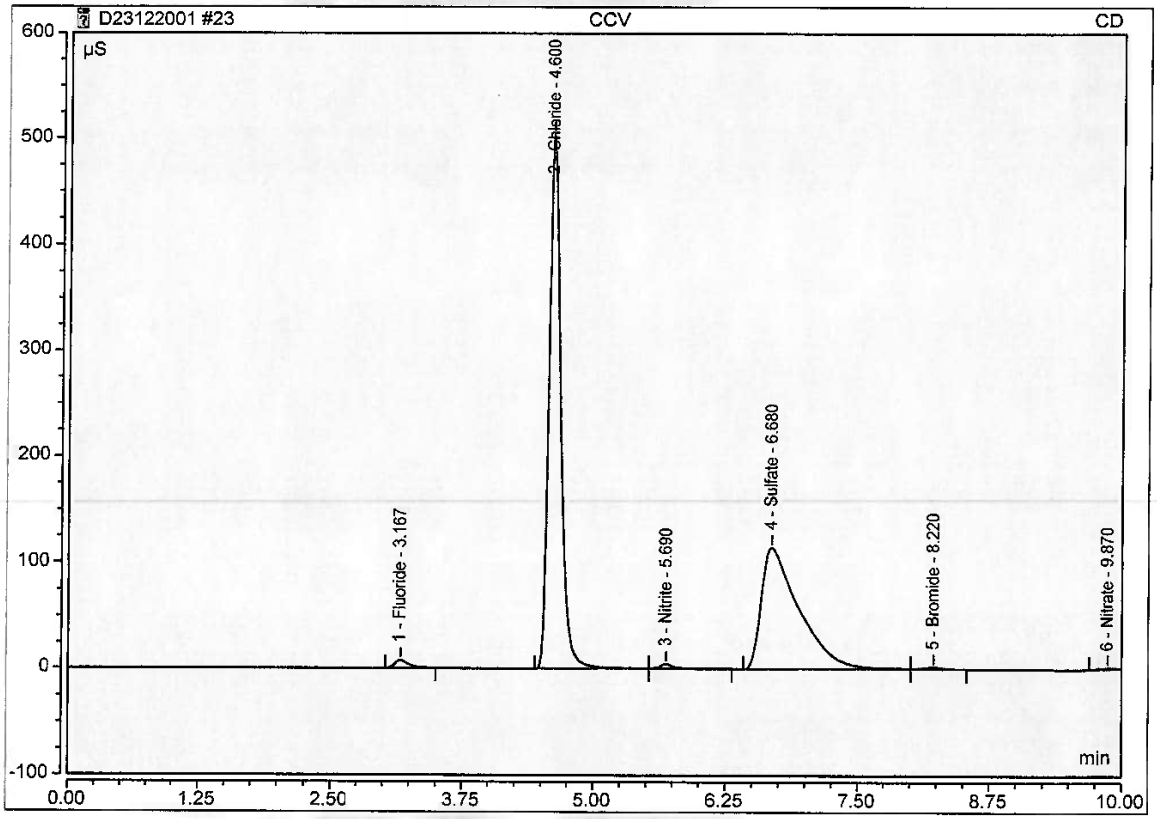
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCV**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 21:29**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	**Fluoride**	BMB	1.175	7.466	3.2942
2	4.60	**Chloride**	BMb	66.315	504.436	205.6438
3	5.69	**Nitrite**	bMB	0.610	4.228	3.0551
4	6.68	**Sulfate**	BMb	47.421	114.595	207.6553
5	8.22	**Bromide**	bMB	0.338	1.831	3.1587
6	9.87	**Nitrate**	BMB	0.190	1.190	2.3793
TOTAL:				116.05	633.75	425.19



Anion/Integration

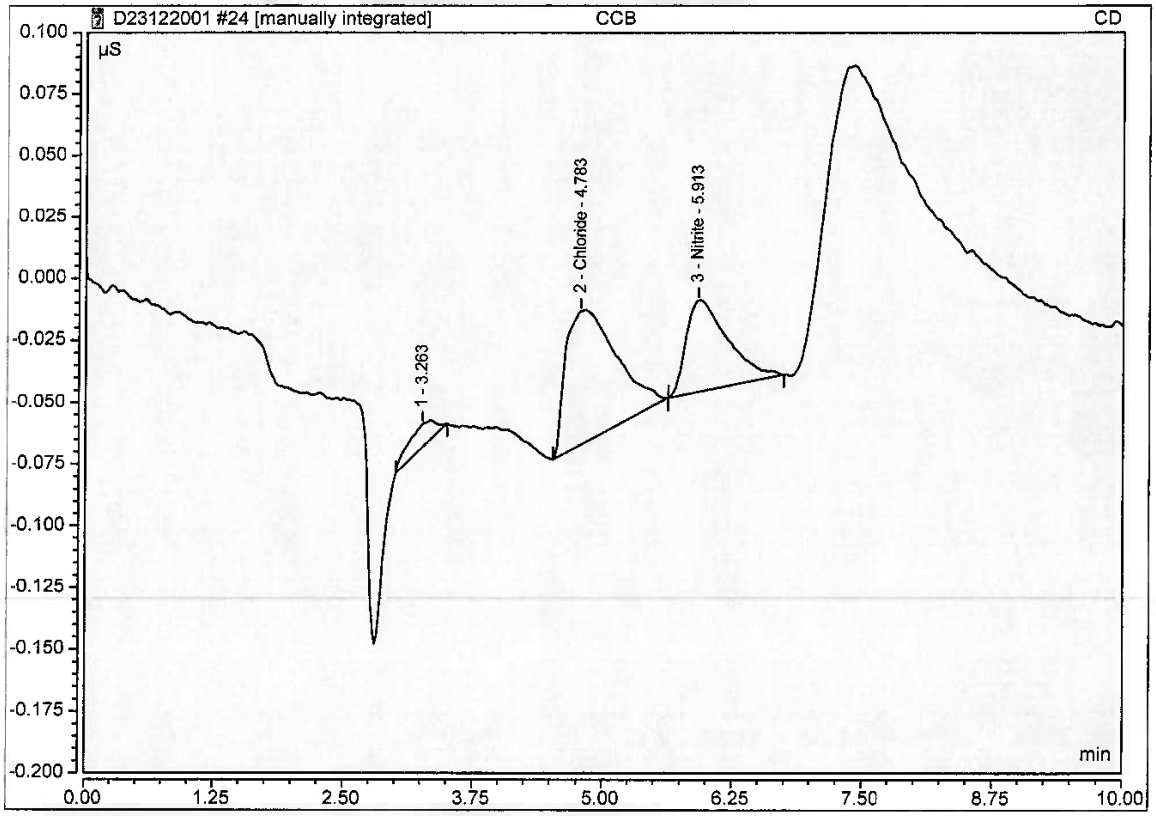
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 21:42**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.78	Chloride	BMb	0.030	0.054	0.3078
3	5.91	Nitrite	bMB	0.017	0.037	0.0837
		TOTAL:		0.05	0.09	0.39



Anion/Integration

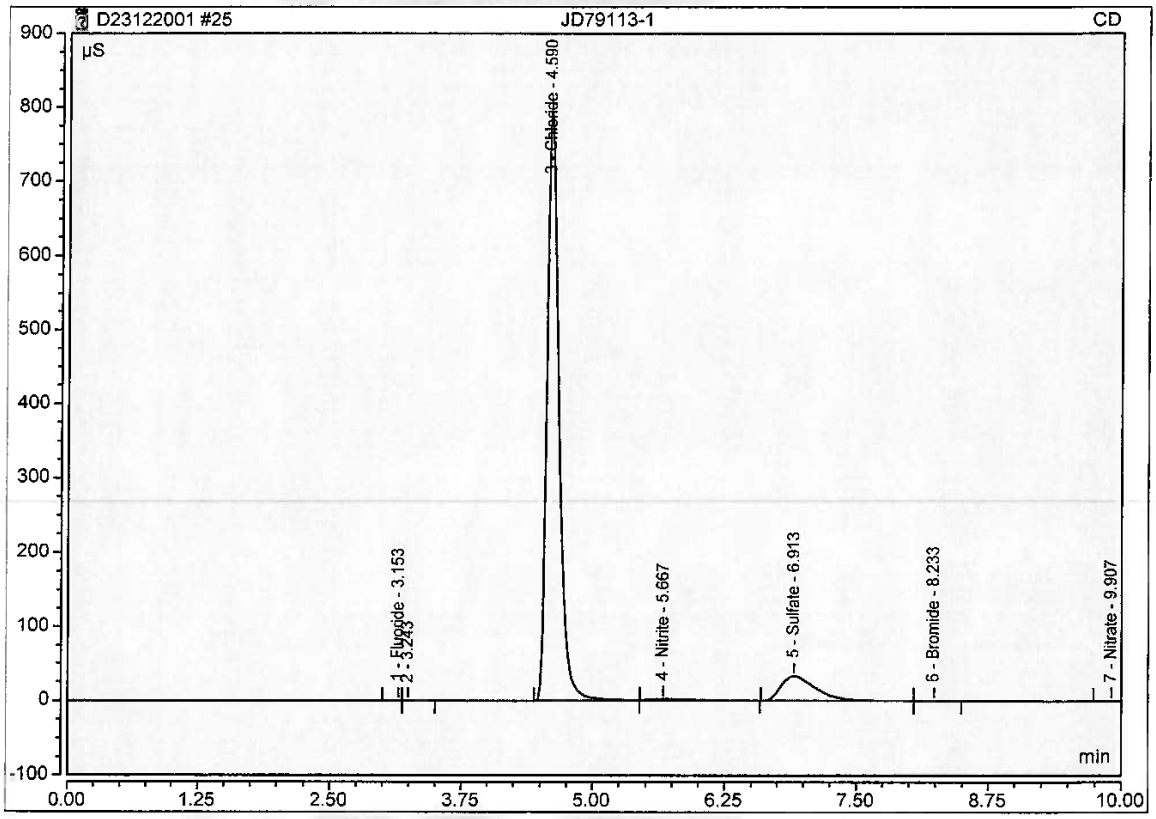
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79113-1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 21:55**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.15	Fluoride	BM	0.012	0.149	0.1093
3	4.59	Chloride	BMB	104.085	795.463	322.6453
4	5.67	Nitrite	BMB	0.825	1.716	4.1283
5	6.91	Sulfate	BMb	12.249	32.443	54.3870
6	8.23	Bromide	bMB	0.048	0.267	0.5807
7	9.91	Nitrate	BMB	0.002	0.017	0.0777
TOTAL:				117.22	830.05	381.93



Anion/Integration

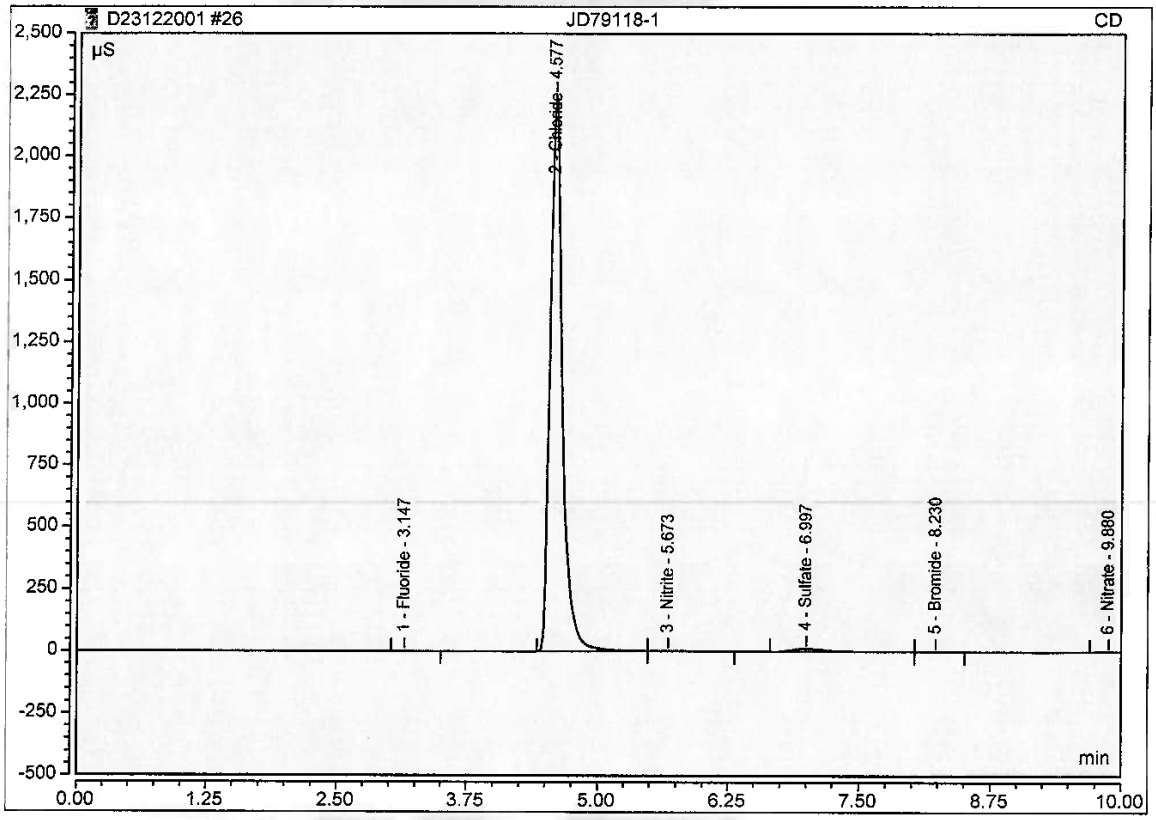
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79118-1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 22:08**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.15	Fluoride	BMB	0.085	0.463	0.3093
2	4.58	Chloride	BMb	302.511	2250.772	937.3233
3	5.67	Nitrite	bMB	0.369	1.050	1.8453
4	7.00	Sulfate	BMb	4.348	11.948	19.9575
5	8.23	Bromide	bMB	0.036	0.198	0.4746
6	9.88	Nitrate	BMB	0.066	0.424	0.8606
		TOTAL:		307.41	2264.85	960.77



Anion/Integration

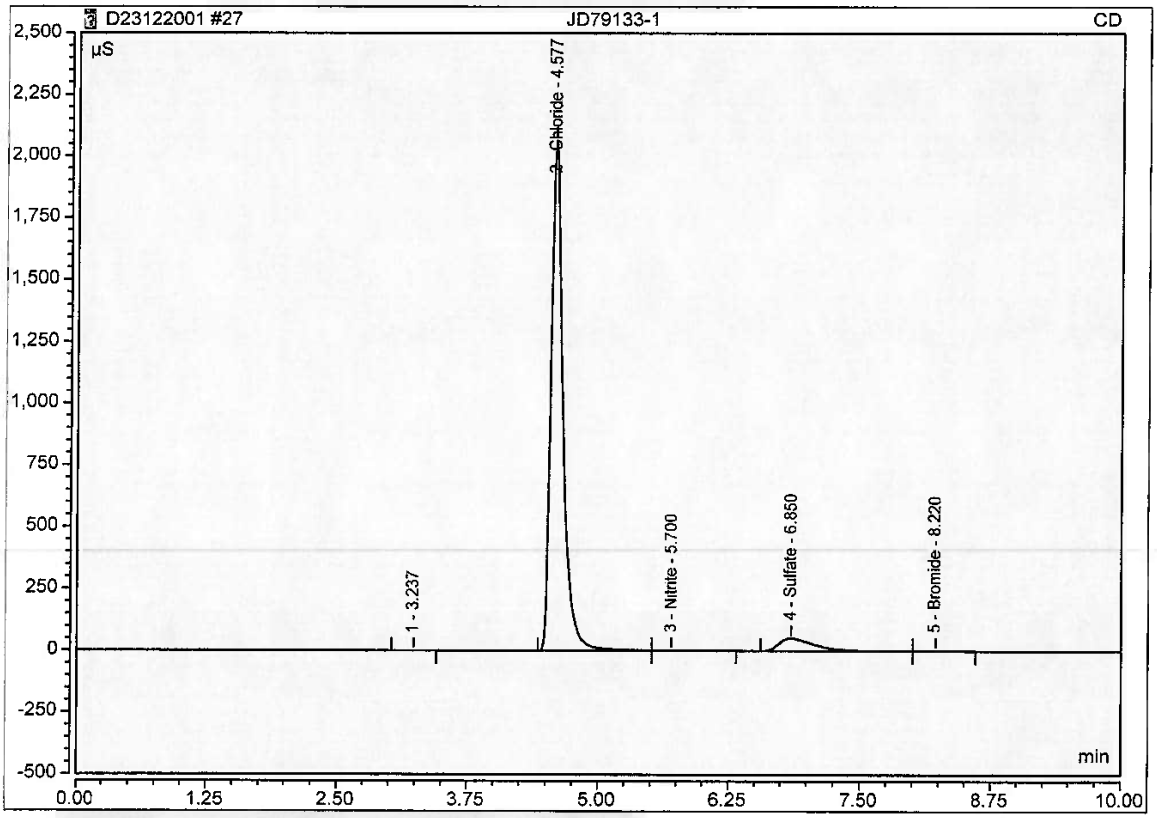
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 22:20**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.58	Chloride	BMb	273.449	2064.613	8472.9739
3	5.70	Nitrite	bMB	0.301	0.870	15.0416
4	6.85	Sulfate	BMb	19.752	51.251	870.8487
5	8.22	Bromide	bMB	0.340	1.840	31.8171
TOTAL:				293.84	2118.57	9390.68



Anion/Integration

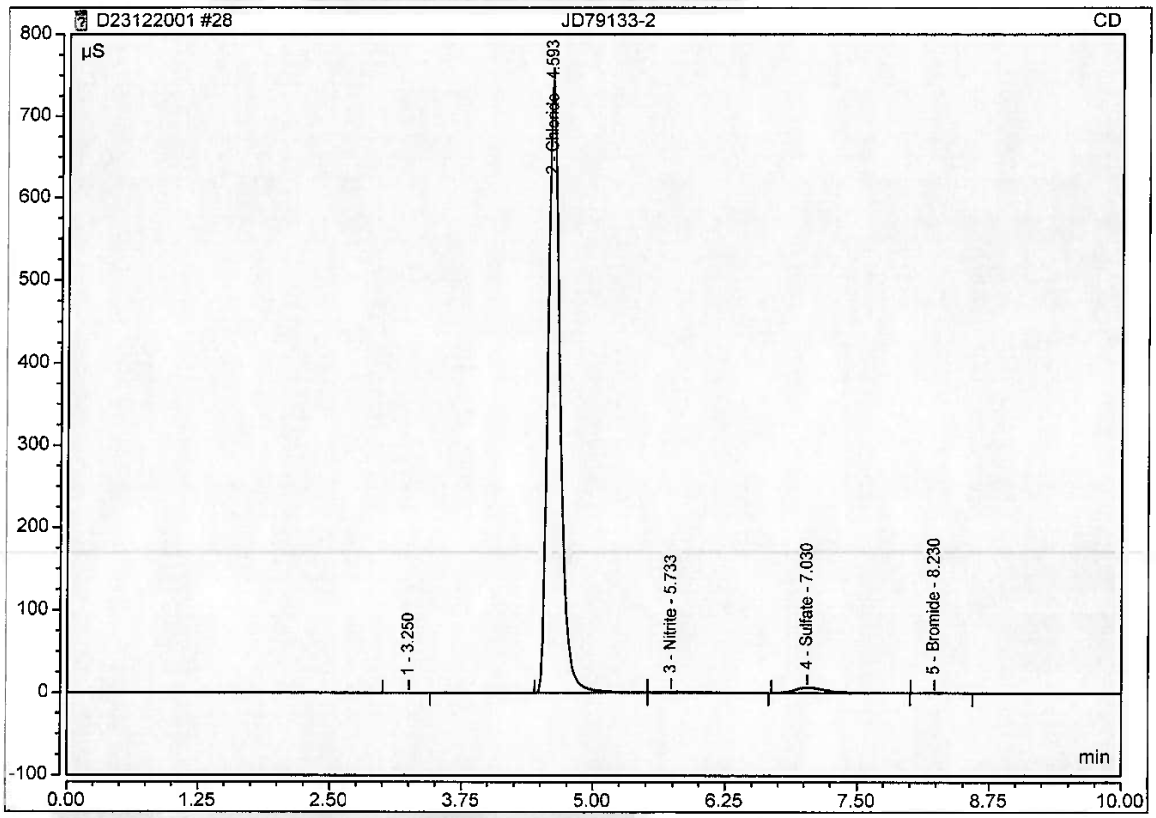
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-2**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 22:33**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.59	Chloride	BMb	98.350	744.334	3048.7898
3	5.73	Nitrite	bMB	0.510	1.158	25.5361
4	7.03	Sulfate	BMB	2.324	6.570	111.3843
5	8.23	Bromide	BMB	0.102	0.555	10.6585
TOTAL:				101.29	752.62	3196.37



Anion/Integration

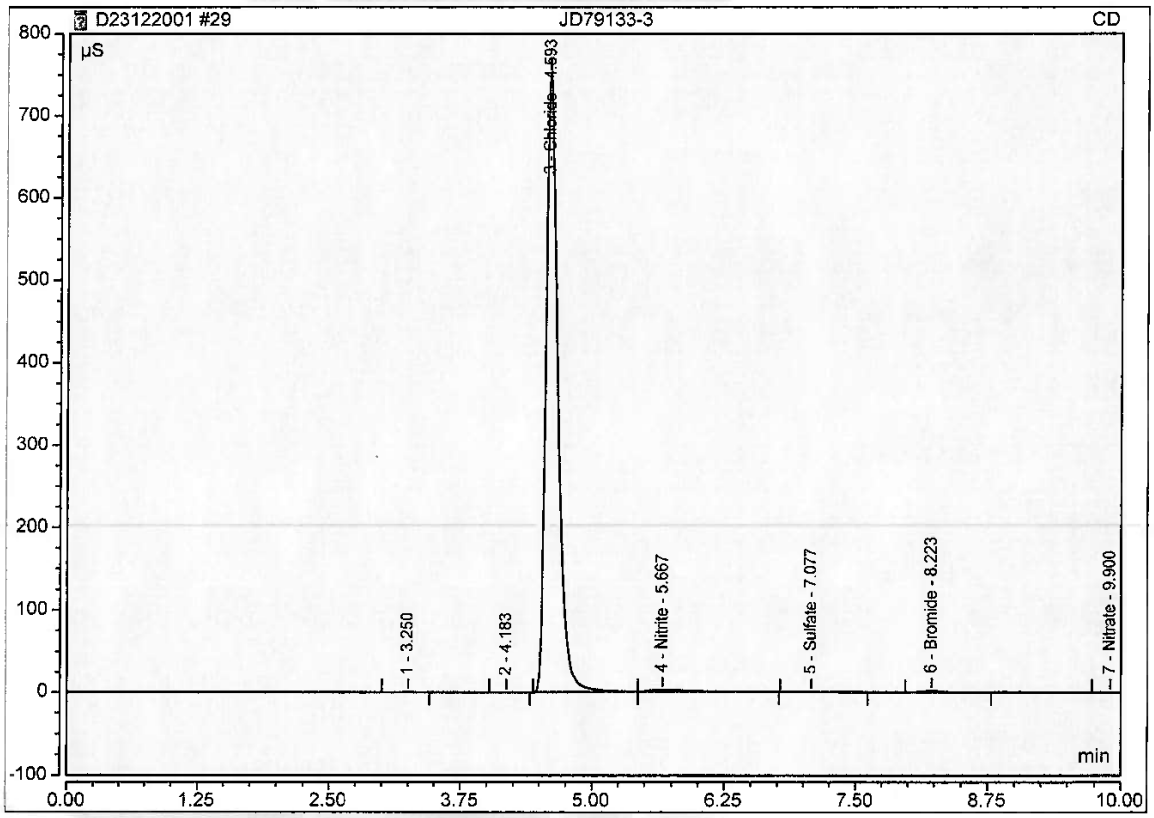
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-3**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 22:54**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	4.59	**Chloride**	BMb	99.058	752.300	3070.7275
4	5.67	**Nitrite**	bMB	0.875	1.777	43.8000
5	7.08	**Sulfate**	BMB	0.064	0.193	12.8946
6	8.22	**Bromide**	BMB	0.264	1.423	25.0075
7	9.90	**Nitrate**	BMB	0.003	0.019	0.8181
TOTAL:				100.26	755.71	3153.25



Anion/Integration

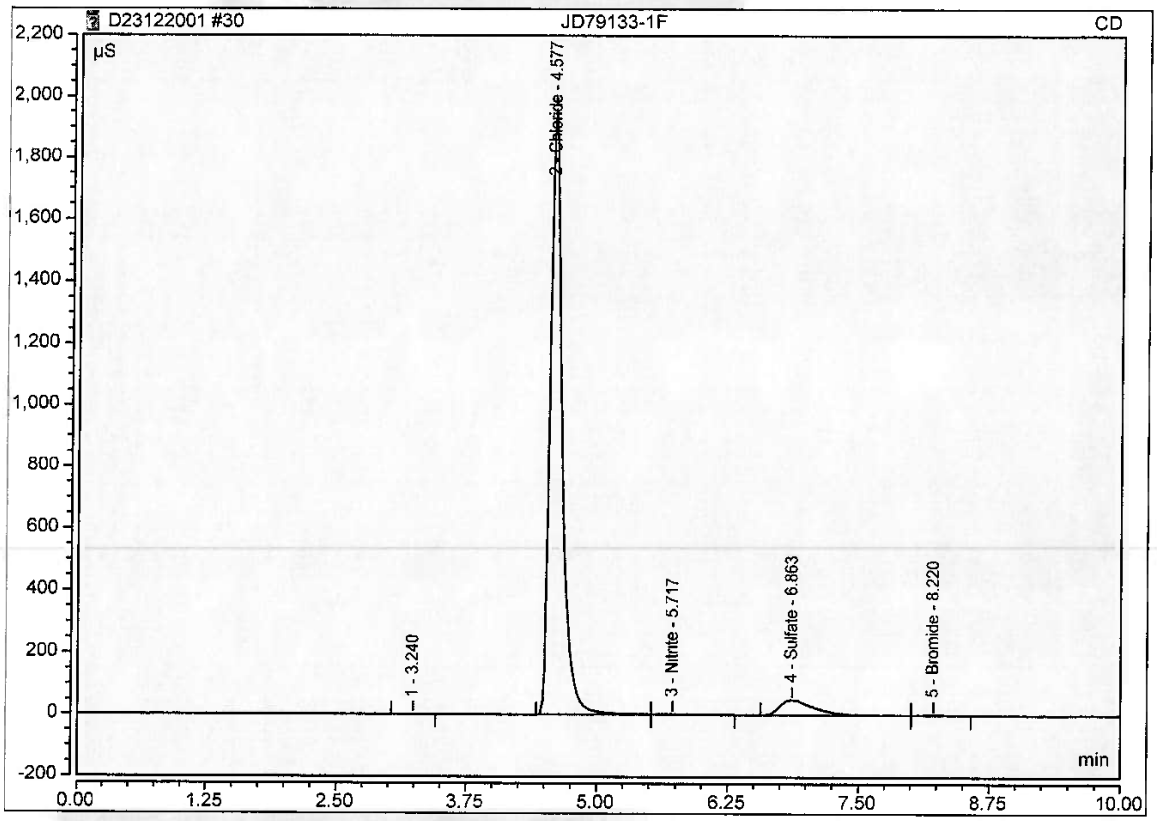
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-1F**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 23:06**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.58	Chloride	BMb	259.049	1959.343	8026.8876
3	5.72	Nitrite	bMB	0.291	0.845	14.5760
4	6.86	Sulfate	BMb	18.685	48.670	824.3335
5	8.22	Bromide	bMB	0.321	1.737	30.1294
TOTAL:				278.35	2010.60	8895.93



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

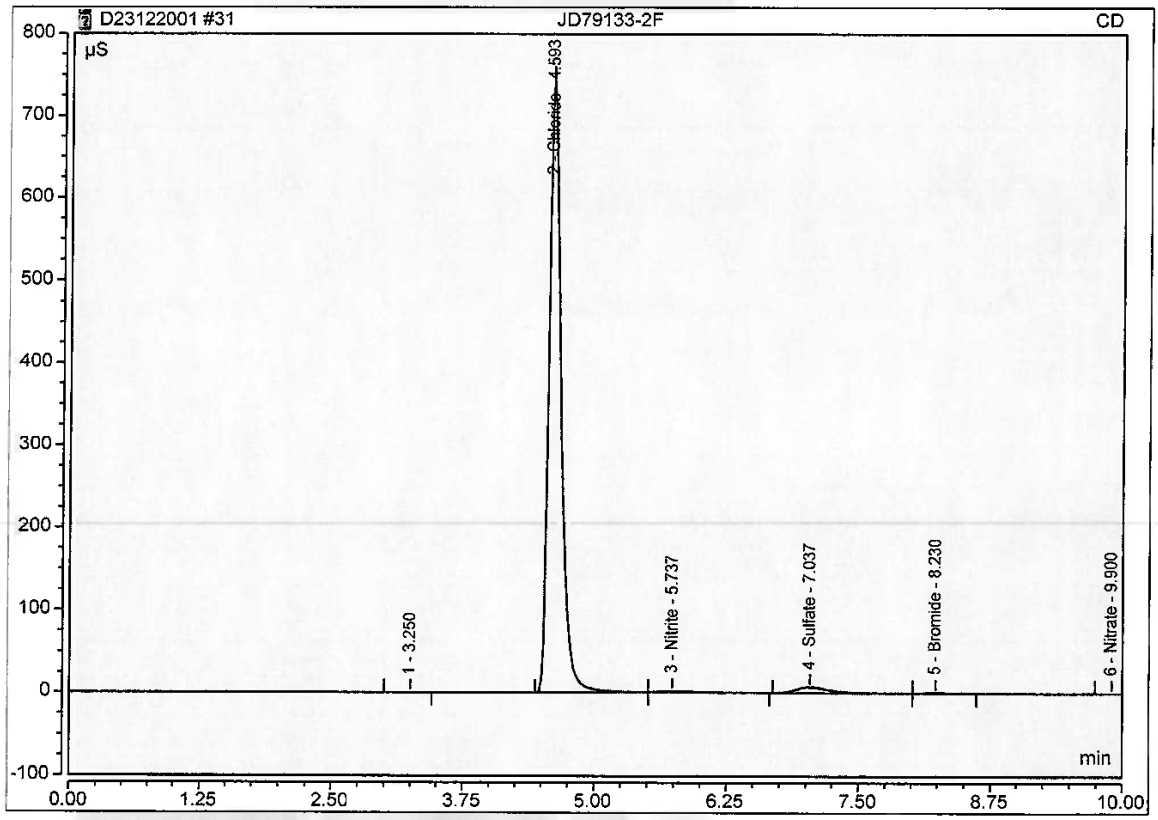
11.3 11

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-2F**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 23:19**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
2	4.59	Chloride	BMb	98.689	744.750	3059.3060
3	5.74	Nitrite	bMB	0.521	1.177	26.0781
4	7.04	Sulfate	BMb	2.326	6.649	111.4516
5	8.23	Bromide	bMB	0.103	0.556	10.6827
6	9.90	Nitrate	BMB	0.003	0.018	0.8033
TOTAL:				101.64	753.15	3208.32



Anion/Integration

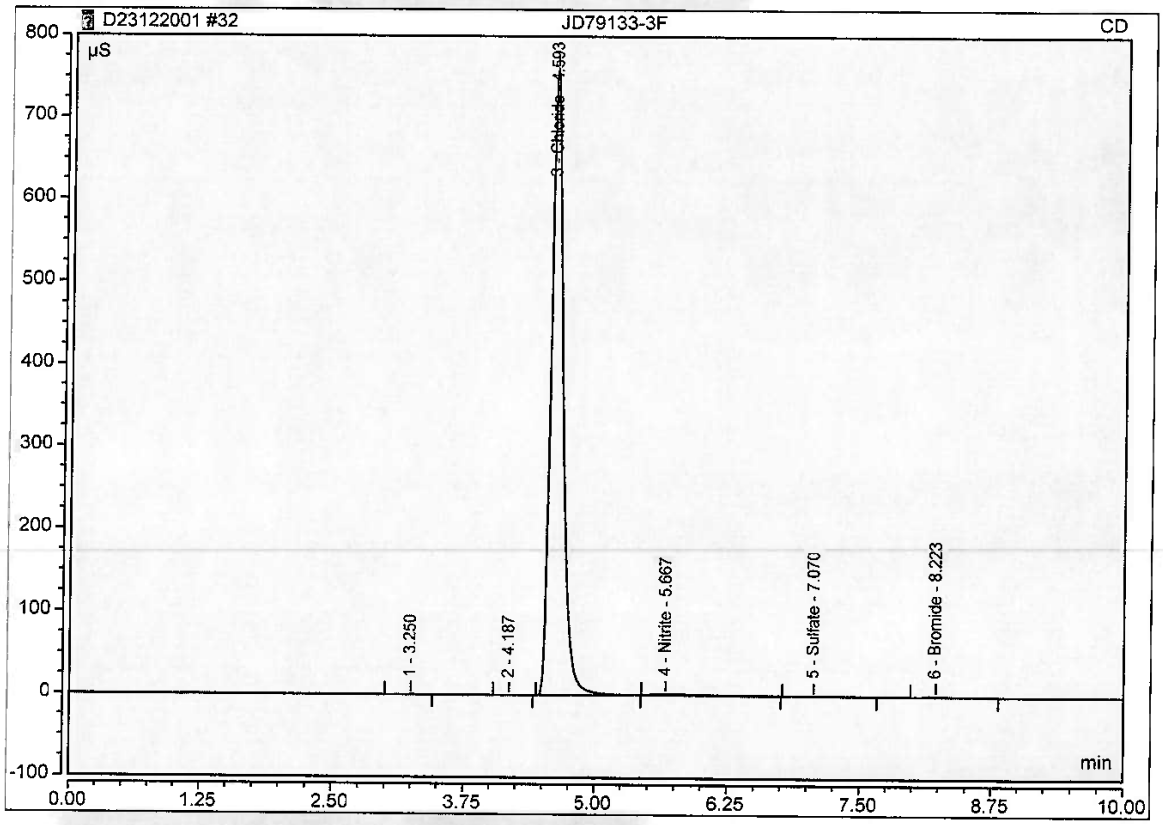
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79133-3F**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 23:32**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
3	4.59	Chloride	BMB	100.469	760.667	3114.4561
4	5.67	Nitrite	BMB	0.888	1.800	44.4331
5	7.07	Sulfate	BMB	0.079	0.238	13.5594
6	8.22	Bromide	BMB	0.269	1.452	25.5255
TOTAL:				101.71	764.16	3197.97



Anion/Integration

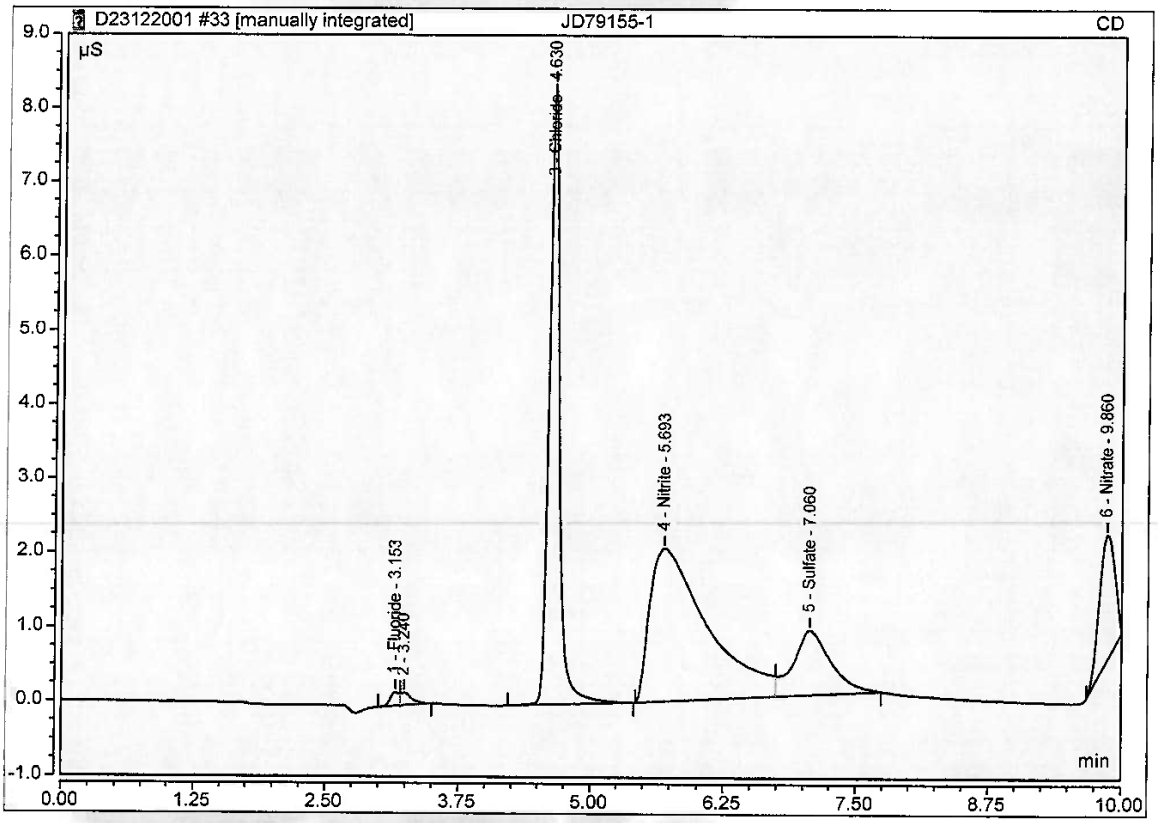
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79155-1**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 23:45**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.15	Fluoride	BM	0.017	0.184	0.1217
3	4.63	Chloride	BMB	0.964	8.368	3.2017
4	5.69	Nitrite	BM *	1.281	2.058	6.4143
5	7.06	Sulfate	MB*	0.369	0.875	2.6177
6	9.86	Nitrate	BMB	0.280	1.703	3.4890
TOTAL:				2.91	13.19	15.84



Anion/Integration

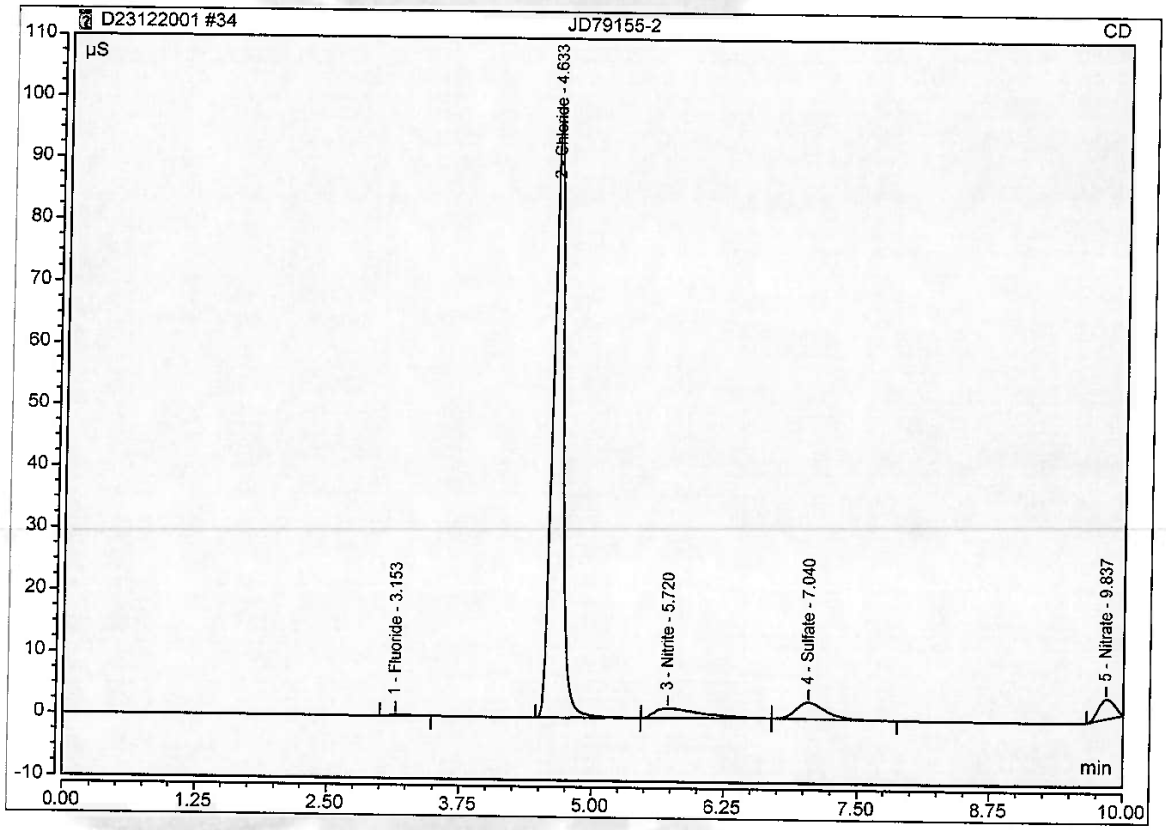
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**JD79155-2**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**20-Dec-2023 / 23:58**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.15	Fluoride	BMB	0.041	0.208	0.1886
2	4.63	Chloride	BMB	11.685	97.504	36.4135
3	5.72	Nitrite	BMb	0.809	1.582	4.0506
4	7.04	Sulfate	bMB	0.867	2.678	4.7891
5	9.84	Nitrate	BMB	0.559	3.196	6.9243
		TOTAL:		13.96	105.17	52.37



Anion/Integration

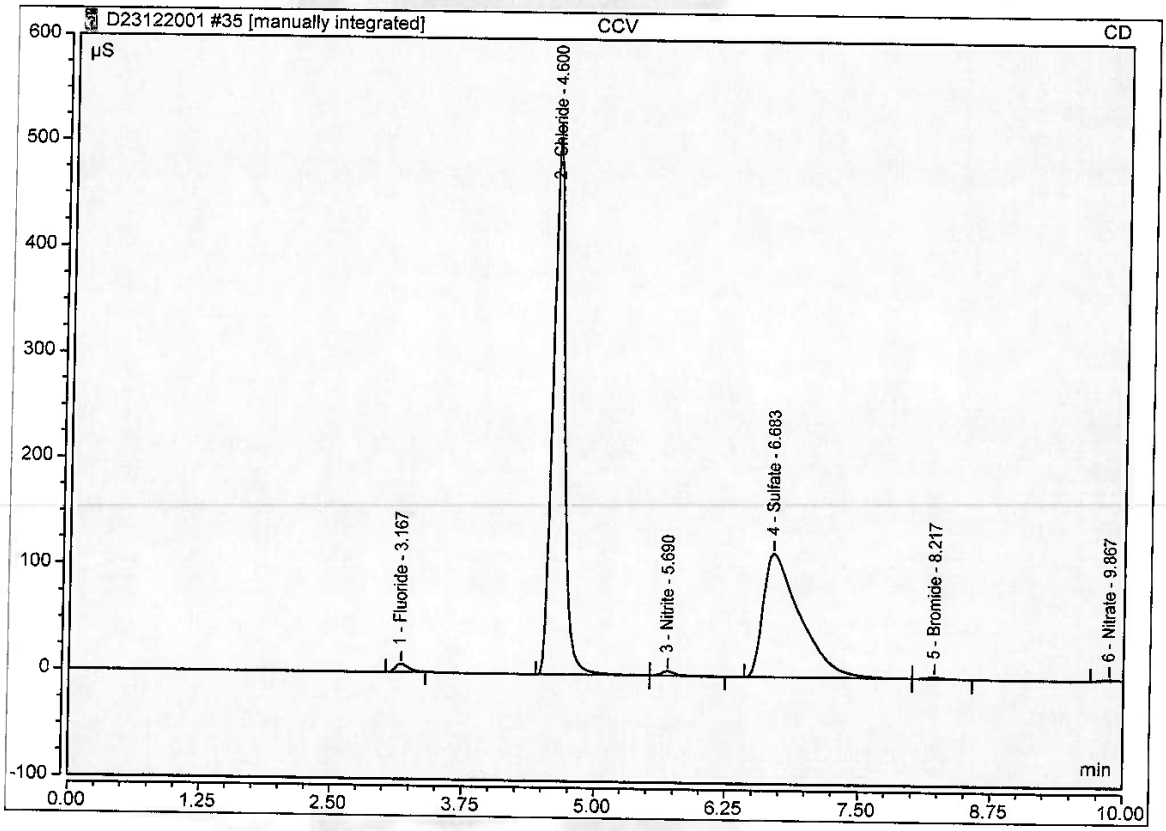
Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCV**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**21-Dec-2023 / 00:11**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	3.17	Fluoride	BMB*	1.107	7.738	3.1081
2	4.60	Chloride	BMb	66.360	507.099	205.7816
3	5.69	Nitrite	bMB	0.612	4.292	3.0653
4	6.68	Sulfate	BMb	47.512	116.463	208.0506
5	8.22	Bromide	bMB	0.343	1.880	3.2103
6	9.87	Nitrate	BMB	0.203	1.246	2.5406
TOTAL:				116.14	638.72	425.76



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

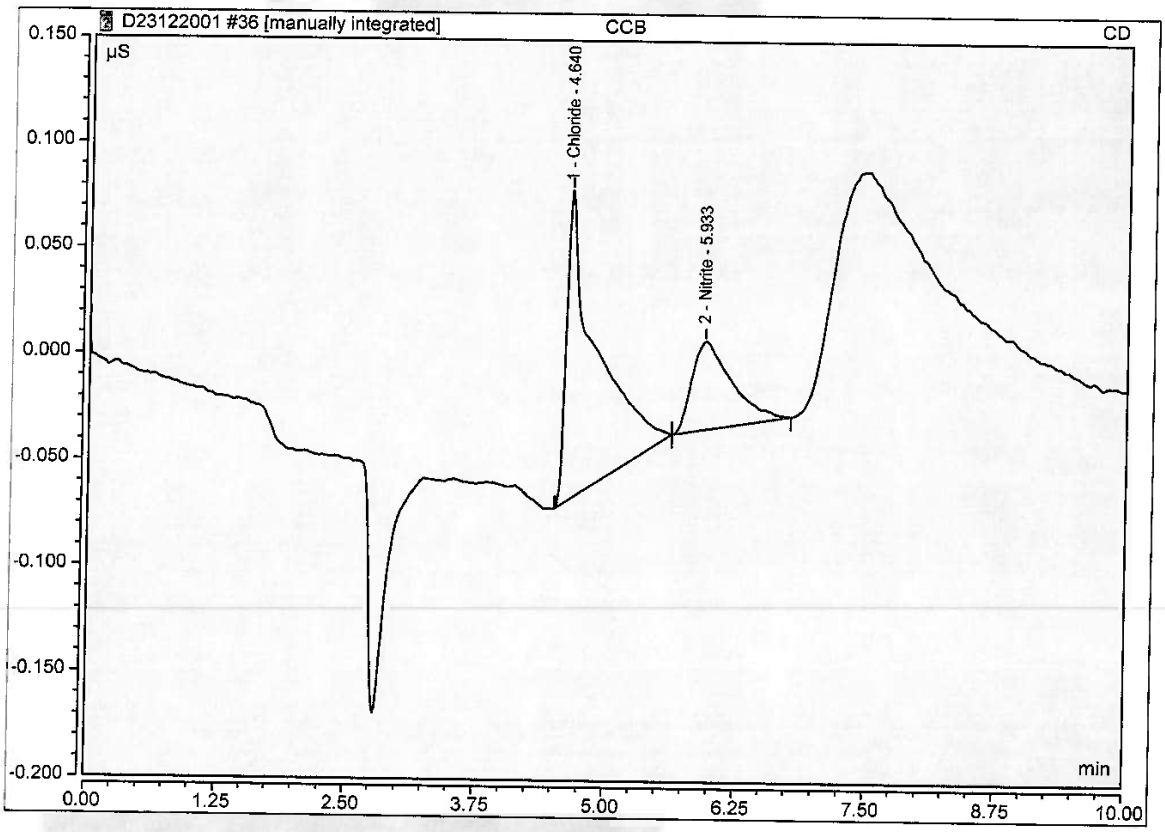
11.3 11

Logged on User: Chemistry
Instrument: Integrion_1
Sequence: D23122001

Peak Integration Report

Sample Name:	**CCB**	*Inj. Vol.:*	**5000.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1.0000**
Instrument Method:	**Anions_012919**	*Operator:*	**Chemistry**
Inj. Date / Time:	**21-Dec-2023 / 00:24**	*Run Time:*	**10.00**

No.	Time min	Peak Name	Peak Type	Area µS*min	Height µS	Amount
1	4.64	Chloride	BMb	0.049	0.146	0.3654
2	5.93	Nitrite	bMB	0.019	0.042	0.0917
TOTAL:				0.07	0.19	0.46



Anion/Integration

Chromeleon (c) Dionex 1996-2009
Version 7.2.8.10783

Calculation of Un-Ionized Hydrogen Sulfide
(for fresh and brackish water)

Calculation of Hydrogen Sulfide

GN Batch: gn49801 Date: 12/29/2023

Sample ID	Temp (C)	pH	Sulfide	Scon	Temp (K)	pK1	A	I	pFm	K1'	[H+]	{H2S}
jd79113-1	25	7.34	0	1100	298.15	6.982527331	0.509348	0.0176	0.056969	1.35335E-07	5.21E-08	0

Validated By: JJY
Doc. Control #: AGN-H2S-01a
Date Validated: 2/27/2013

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SITE LOGIC Report

QuantArray®-Chlor Study

Contact:	Tony Hou	Phone:	
Address:	ERM 295 Madison Ave #8a New York, NY 10017	Email:	Tony.Hou@erm.com

MI Identifier: 083UL Report Date: 12/29/2023

Project: Fortive-NewWindsor,NY, 0699387
Comments:

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The QuantArray®-Chlor Approach

Quantification *Dehalococcoides*, the only known bacterial group capable of complete reductive dechlorination of PCE and TCE to ethene, has become an indispensable component of assessment, remedy selection, and performance monitoring at sites impacted by chlorinated solvents. While undeniably a key group of halorespiring bacteria, *Dehalococcoides* are not the only bacteria of interest in the subsurface because reductive dechlorination is not the only potential biodegradation pathway operative at contaminated sites, and chlorinated ethenes are not always the primary contaminants of concern. The QuantArray®-Chlor not only includes a variety of halorespiring bacteria (*Dehalococcoides*, *Dehalobacter*, *Dehalogenimonas*, etc.) to assess the potential for reductive dechlorination of chloroethenes, chloroethanes, chlorobenzenes, chlorophenols, and chloroform, but also provides quantification of functional genes involved in aerobic (co)metabolic pathways for biodegradation of chlorinated solvents and even competing biological processes. Thus, the QuantArray®-Chlor will give site managers the ability to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of common chlorinated contaminants through a multitude of anaerobic and aerobic (co)metabolic pathways to give a much more clear and comprehensive view of contaminant biodegradation.

The QuantArray®-Chlor is used to quantify specific microorganisms and functional genes to evaluate the following:

Anaerobic Reductive Dechlorination	Quantification of important halorespiring bacteria (e.g. *Dehalococcoides, Dehalobacter, Dehalogenimonas, Desulfitobacterium* spp.) and key functional genes (e.g. vinyl chloride reductases, TCE reductase, chloroform reductase) responsible for reductive dechlorination of a broad spectrum of chlorinated solvents.
Aerobic Cometabolism	Several different types of bacteria including methanotrophs and some toluene/phenol utilizing bacteria can co-oxidize TCE, DCE, and vinyl chloride. The QuantArray®-Chlor quantifies functional genes like soluble methane monooxygenase encoding enzymes capable of co-oxidation of chlorinated ethenes.
Aerobic (Co)metabolism of Vinyl Chloride	Ethene oxidizing bacteria are capable of cometabolism of vinyl chloride. In some cases, ethenotrophs can also utilize vinyl chloride as a growth supporting substrate. The QuantArray®-Chlor targets key functional genes in ethene metabolism.

How do QuantArrays work?

The QuantArray®-Chlor in many respects is a hybrid technology combining the highly parallel detection of microarrays with the accurate and precise quantification provided by qPCR into a single platform. The key to highly parallel qPCR reactions is the nanoliter fluidics platform for low volume, solution phase qPCR reactions.

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How are QuantArray® results reported?

One of the primary advantages of the QuantArray®-Chlor is the simultaneous quantification of a broad spectrum of different microorganisms and key functional genes involved in a variety of pathways for hydrocarbon biodegradation. However, highly parallel quantification combined with various metabolic and cometabolic capabilities of different target organisms can complicate data presentation. Therefore, in addition to Summary Tables, QuantArray®-Chlor results will be presented as Microbial Population Summary and Comparison Figures to aid in the data interpretation and subsequent evaluation of site management activities.

Types of Tables and Figures:

Microbial Population Summary	Figure presenting the concentrations of QuantArray®-Chlor target populations (e.g. *Dehalococcoides*) and functional genes (e.g. vinyl chloride reductase) relative to typically observed values.
Summary Tables	Tables of target population concentrations grouped by biodegradation pathway and contaminant type.
Comparison Figures	Depending on the project, sample results can be presented to compare changes over time or examine differences in microbial populations along a transect of the dissolved plume.

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Results

Table 1: Summary of the QuantArray®-Chlor results obtained for sample MW-12-121423

Sample Name	MW-12-121423
Sample Date	2023-12-14
Reductive Dechlorination	cells/mL
Dehalococcoides (DHC)	**3.60E+00**
tceA Reductase (TCE)	<5.00E-01
BAV1 Vinyl Chloride Reductase (BVC)	<5.00E-01
Vinyl Chloride Reductase (VCR)	<5.00E-01
Dehalobacter spp. (DHBt)	<5.00E+00
Dehalobacter DCM (DCM)	<5.00E+00
Dehalogenimonas spp. (DHG)	**7.88E+02**
cerA Reductase (CER)	<5.00E+00
trans-1,2-DCE Reductase (TDR)	<5.00E+00
Desulfitobacterium spp. (DSB)	**1.74E+02**
Dehalobium chlorocoercia (DECO)	**5.77E+03**
Desulfuromonas spp. (DSM)	**8.84E+02**
PCE Reductase (PCE-1)	<5.00E+00
PCE Reductase (PCE-2)	**2.10E+01**
Chloroform Reductase (CFR)	<5.00E+00
1,1 DCA Reductase (DCA)	<5.00E+00
1,2 DCA Reductase (DCAR)	<5.00E+00
Aerobic (Co)Metabolic	
Soluble Methane Monooxygenase (SMMO)	**1.67E+01**
Toluene Dioxygenase (TOD)	<5.00E+00
Phenol Hydroxylase (PHE)	**2.00E+02**
Trichlorobenzene Dioxygenase (TCBO)	<5.00E+00
Toluene Monooxygenase 2 (RDEG)	**1.28E+02**
Toluene Monooxygenase (RMO)	<5.00E+00
Ethene Monooxygenase (EtnC)	**2.21E+01**
Epoxyalkane Transferase (EtnE)	<5.00E+00
Dichloromethane Dehalogenase (DCMA)	<5.00E+00
Other	
Total Eubacteria (EBAC)	**9.57E+05**
Sulfate Reducing Bacteria (APS)	**1.10E+05**
Methanogens (MGN)	**1.10E+00(J)**

Legend:

NA = Not Analyzed
NS = Not Sampled
J = Estimated Gene Copies Below PQL but Above LQL
I = Inhibited
< = Result Not Detected

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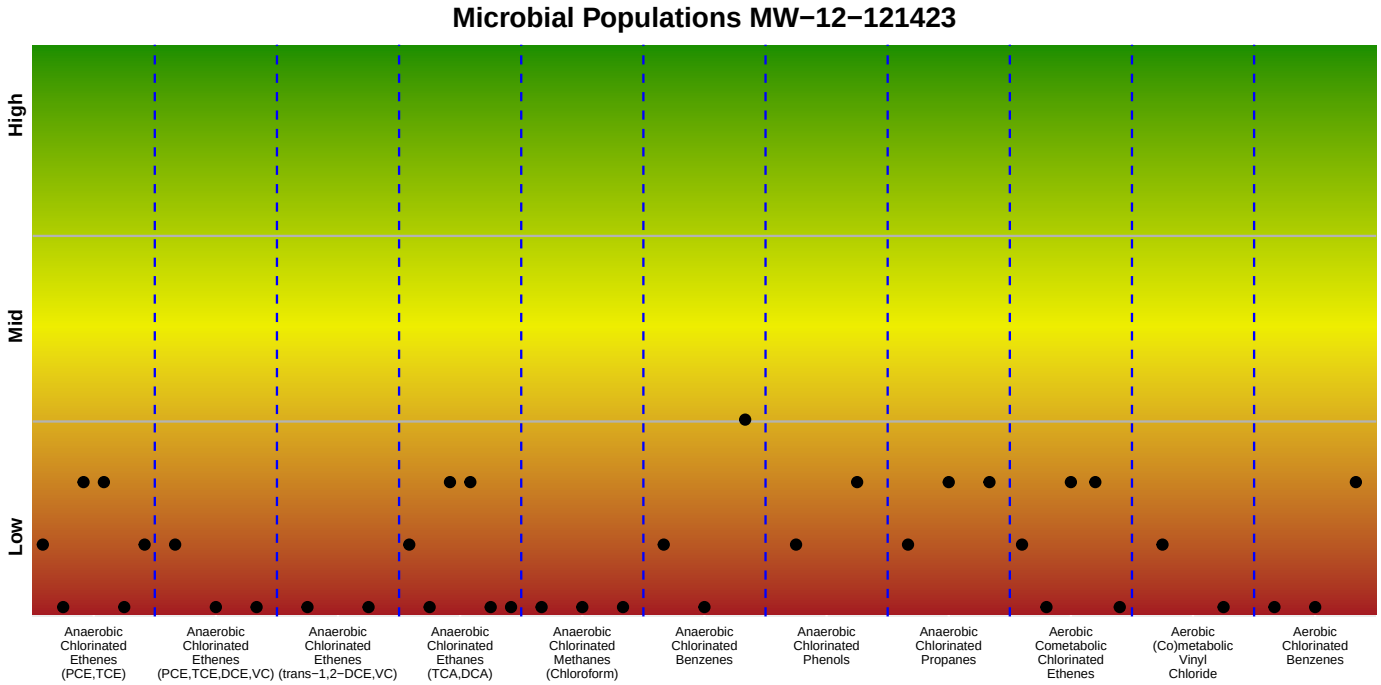

Figure 1: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Anaerobic - Reductive Dechlorination or Dichloroelimination		Aerobic - (Co)metabolism	
Chlorinated Ethenes (PCE, TCE)	DHC, DHBt, DSB, DSM, PCE-1, PCE-2	Chlorinated Ethenes (TCE,DCE,VC)	sMMO, TOD, PHE, RDEG, RMO
Chlorinated Ethenes (PCE, TCE, DCE, VC)	DHC, BVC, VCR	(Co)metabolic Vinyl Chloride	etnC, etnE
Chlorinated Ethenes (trans-1,2-DCE, VC)	TDR, CER	Chlorinated Benzenes	TOD, TCBO, PHE
Chlorinated Ethanes (TCA and 1,2-DCA)	DHC, DHBt, DHG, DSB[1], DCA, DCAR		
Chlorinated Methanes (Chloroform)	DHBt, DCM, CFR		
Chlorinated Benzenes	DHC, DHBt[2], DECO		
Chlorinated Phenols	DHC, DSB		
Chlorinated Propanes	DHC, DHG, DSB[1]		

[1] *Desulfitobacterium dichloroeliminans* DCA1. [2] Implicated in reductive dechlorination of dichlorobenzene and potentially chlorobenzene.

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Table 2: Summary of the QuantArray®-Chlor results for reductive dechlorination for sample MW-12-121423

Sample Name Sample Date	MW-12-121423 2023-12-14
Reductive Dechlorination	cells/mL
Dehalococcoides (DHC)	**3.60E+00**
tceA Reductase (TCE)	<5.00E-01
BAV1 Vinyl Chloride Reductase (BVC)	<5.00E-01
Vinyl Chloride Reductase (VCR)	<5.00E-01
Dehalobacter spp. (DHBt)	<5.00E+00
Dehalobacter DCM (DCM)	<5.00E+00
Dehalogenimonas spp. (DHG)	**7.88E+02**
Desulfitobacterium spp. (DSB)	**1.74E+02**
Dehalobium chlorocoercia (DECO)	**5.77E+03**
Desulfuromonas spp. (DSM)	**8.84E+02**

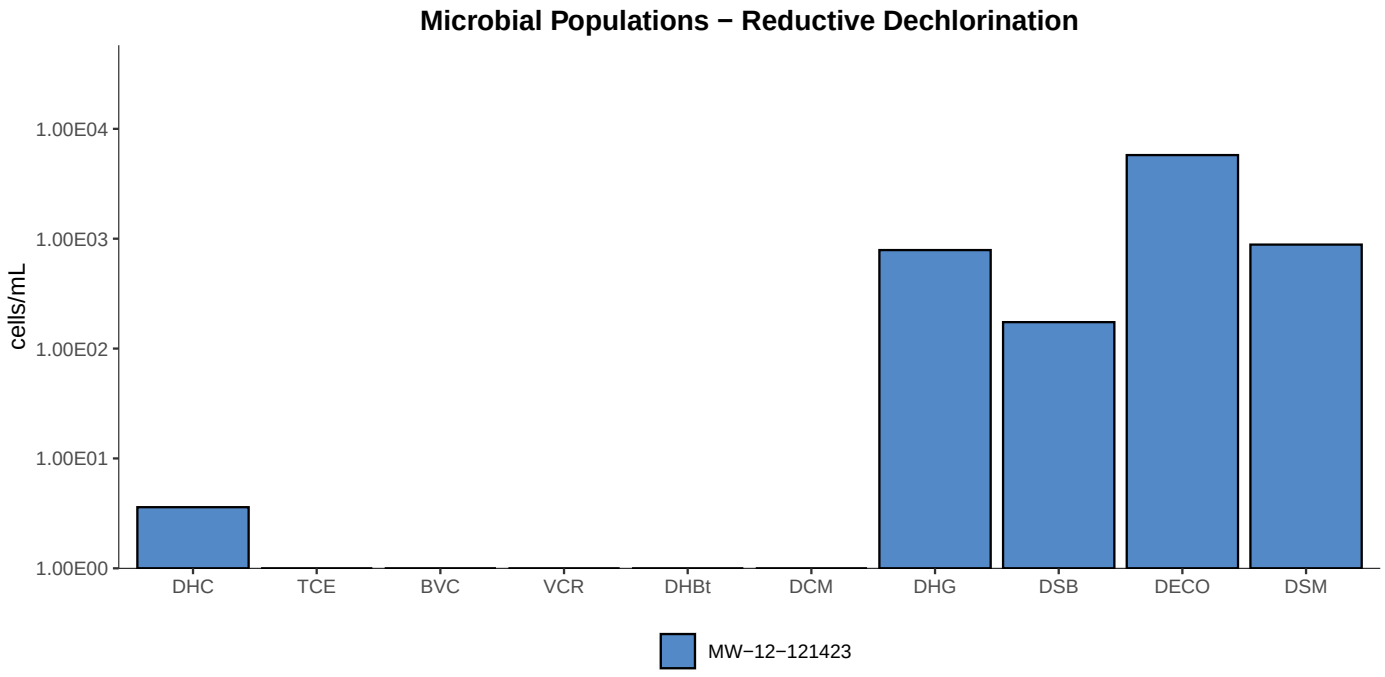

Figure 2: Comparison - microbial populations involved in reductive dechlorination

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Table 3: Summary of the QuantArray®-Chlor results for reductive dechlorination for sample MW-12-121423

Sample Name Sample Date	MW-12-121423 2023-12-14
Reductive Dechlorination	cells/mL
cerA Reductase (CER)	<5.00E+00
trans-1,2-DCE Reductase (TDR)	<5.00E+00
PCE Reductase (PCE-1)	<5.00E+00
PCE Reductase (PCE-2)	**2.10E+01**
Chloroform Reductase (CFR)	<5.00E+00
1,1 DCA Reductase (DCA)	<5.00E+00
1,2 DCA Reductase (DCAR)	<5.00E+00

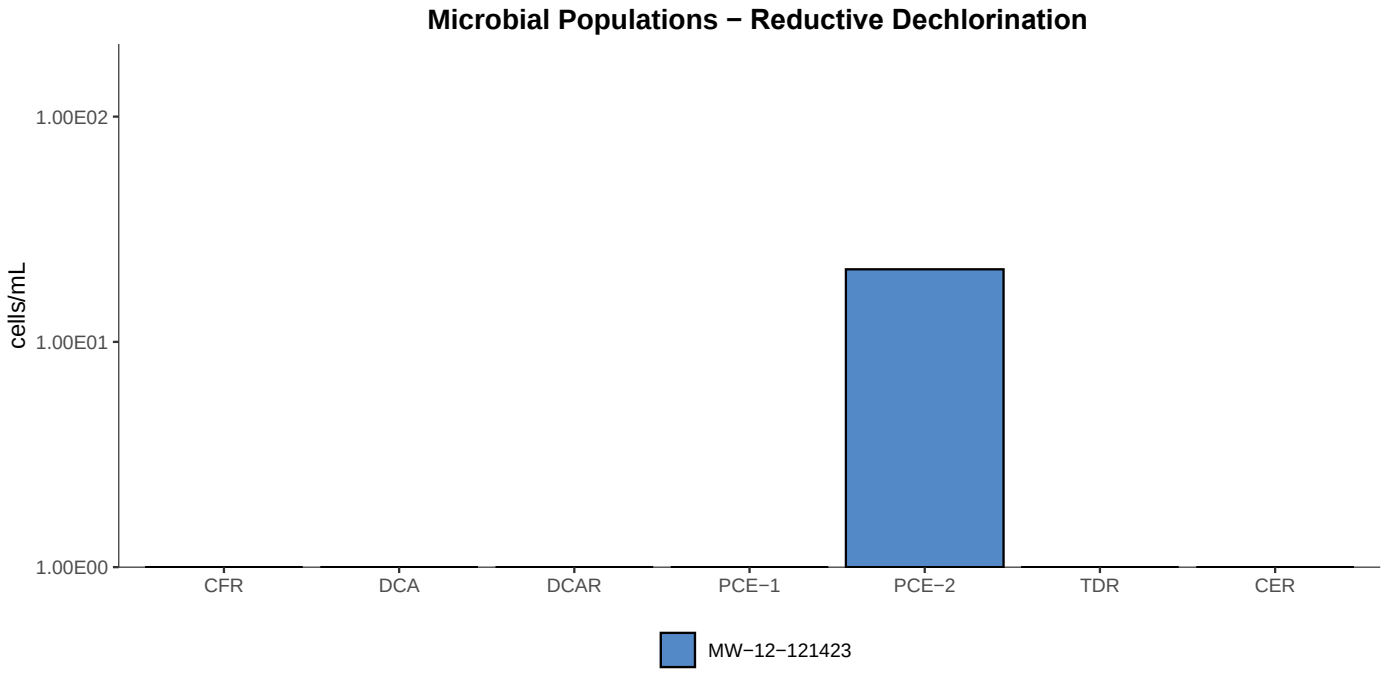

Figure 3: Comparison - microbial populations involved in reductive dechlorination

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Table 4: Summary of the QuantArray®-Chlor results for microorganisms responsible for aerobic (co)metabolism for sample MW-12-121423

Sample Name	MW-12-121423
Sample Date	2023-12-14
Aerobic (Co)Metabolic	cells/mL
Soluble Methane Monooxygenase (SMMO)	**1.67E+01**
Toluene Dioxygenase (TOD)	<5.00E+00
Phenol Hydroxylase (PHE)	**2.00E+02**
Trichlorobenzene Dioxygenase (TCBO)	<5.00E+00
Toluene Monooxygenase 2 (RDEG)	**1.28E+02**
Toluene Monooxygenase (RMO)	<5.00E+00
Ethene Monooxygenase (EtnC)	**2.21E+01**
Epoxyalkane Transferase (EtnE)	<5.00E+00
Dichloromethane Dehalogenase (DCMA)	<5.00E+00

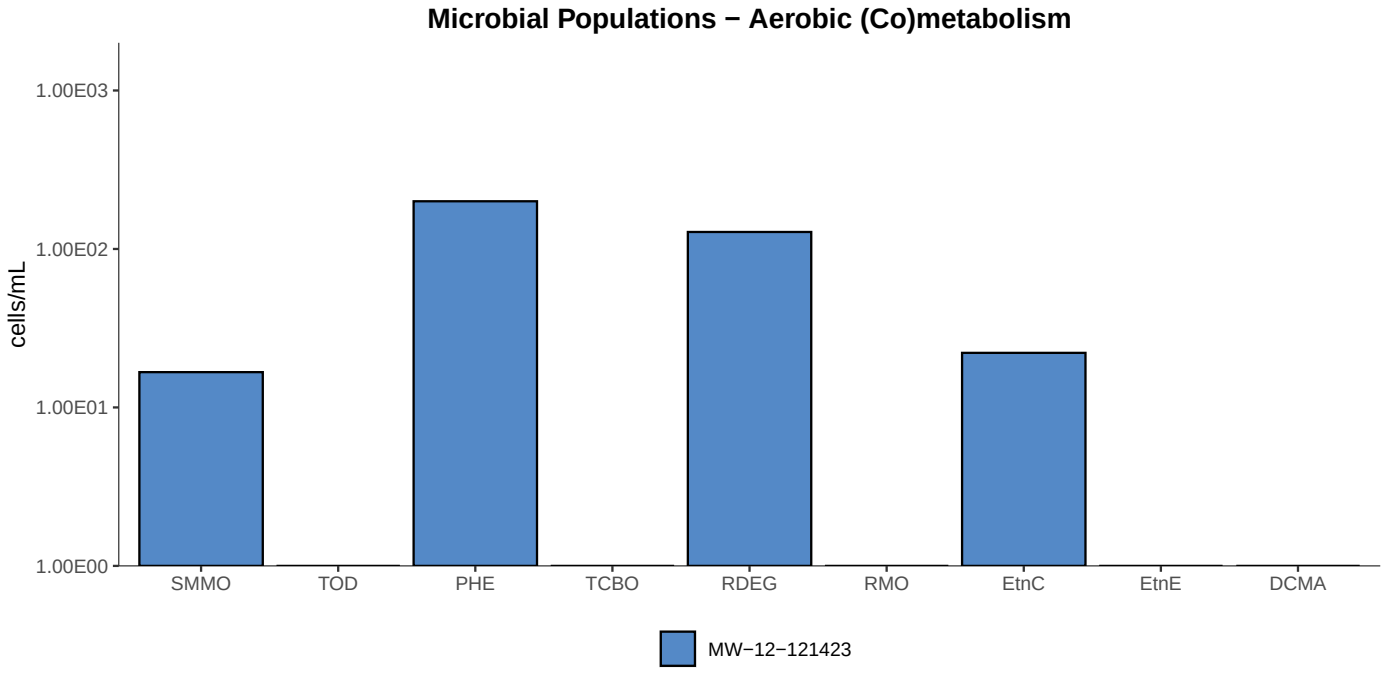

Figure 4: Comparison - microbial populations invloved in aerobic (co)metabolism.

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Table 5: Summary of the QuantArray®-Chlor results for total bacteria and other populations for sample MW-12-121423

Sample Name	MW-12-121423
Sample Date	2023-12-14
Other	cells/mL
Total Eubacteria (EBAC)	**9.57E+05**
Sulfate Reducing Bacteria (APS)	**1.10E+05**
Methanogens (MGN)	**1.10E+00 (J)**

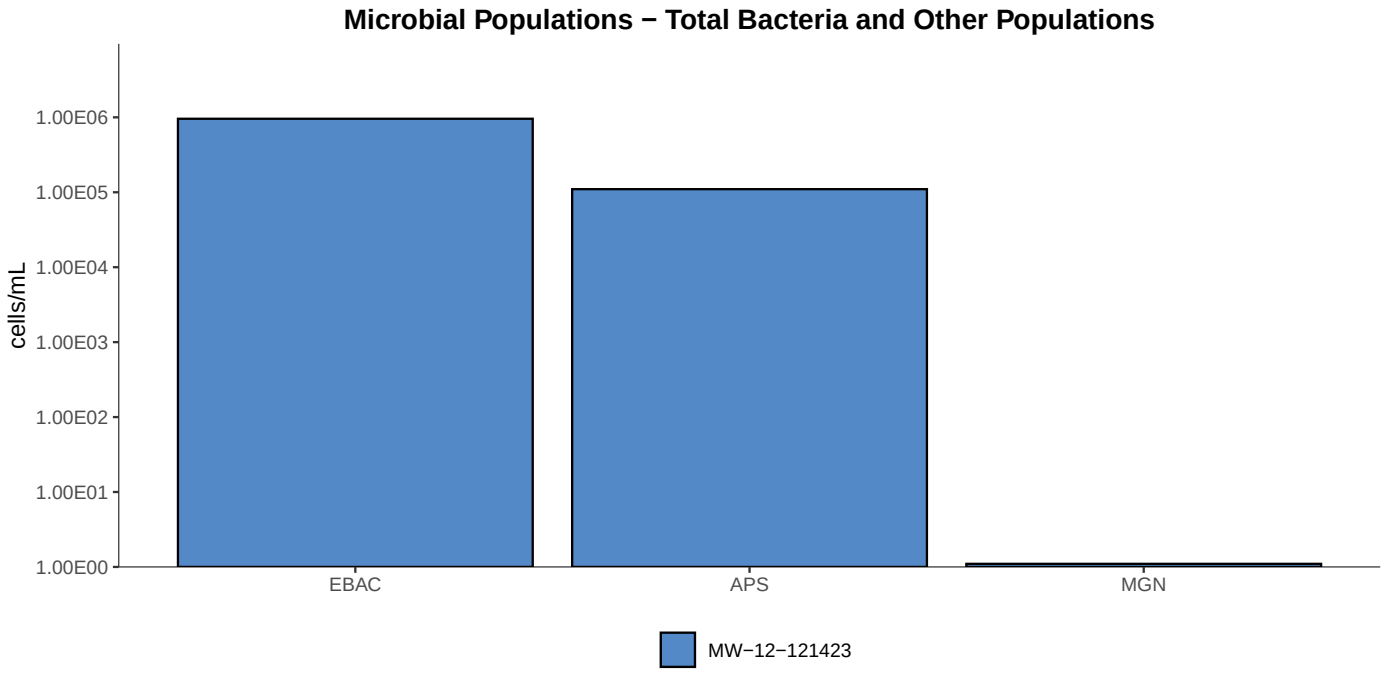

Figure 5: Comparison - microbial populations.

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Interpretation

The overall purpose of the QuantArray®-Chlor is to give site managers the ability to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of common chlorinated contaminants through a multitude of anaerobic and aerobic (co)metabolic pathways in order to provide a clearer and more comprehensive view of contaminant biodegradation. The following discussion describes the interpretation of results in general terms and is meant to serve as a guide.

Reductive Dechlorination - Chlorinated Ethenes: While a number of bacterial cultures including *Dehalococcoides*, *Dehalobacter*, *Desulfitobacterium*, *Desulfuromonas* spp. capable, of utilizing PCE and TCE as growth-supporting electron acceptors have been isolated [1–5], *Dehalococcoides* may be the most important because they are the only bacterial group that has been isolated to date which is capable of complete reductive dechlorination of PCE to ethene [6]. In fact, the presence of *Dehalococcoides* has been associated with complete reductive dechlorination to ethene at sites across North America and Europe Hendrickson and Lu have proposed using a *Dehalococcoides* concentration of 1 x 10^4 cells/mL as a screening criterion to identify sites where biological reductive dechlorination is predicted to proceed at "generally useful" rates [7,8].

At chlorinated ethene sites, any "stall" leading to the accumulation of daughter products, especially vinyl chloride, would be a substantial concern. While *Dehalococcoides* concentrations greater than 1 x 10^4 cells/mL correspond to ethene production and useful rates of dechlorination, the range of chlorinated ethenes degraded varies by strain within the *Dehalococcoides* genus [6,9] and the presence of co-contaminants and competitors can have complex impacts on the halorespiring microbial community [10–15]. Therefore, QuantArray®-Chlor also provides quantification of a suite of reductive dehalogenase genes (PCE, TCE, BVC, VCR, CER, and TDR) to more definitively confirm the potential for reductive dechlorination of all chlorinated ethene compounds including vinyl chloride.

Perhaps most importantly, QuantArray®-Chlor quantifies TCE reductase (TCE) and both known vinyl chloride reductase genes (BVC, VCR) from *Dehalococcoides* to conclusively evaluate the potential for complete reductive dechlorination of chlorinated ethenes to non-toxic ethene [16–18]. In addition, the analysis also includes quantification of reductive dehalogenase genes from *Dehalogenimonas* spp. capable of reductive dechlorination of chlorinated ethenes. More specifically, these are the trans-1,2-DCE dehalogenase gene (TDR) from strain WBC-2 [19] and the vinyl chloride reductase gene (CER) from GP, the only known organisms other than *Dehalococcoides* capable of vinyl chloride reduction [20]. Finally, PCE reductase genes responsible for sequential reductive dechlorination of PCE to *cis*-DCE by *Sulfurospirillum* and *Geobacter* spp. are also quantified. In mixed cultures, evidence increasingly suggests that partial dechlorinators like *Sulfurospirillum}* and *Geobacter* may be responsible for the majority of reductive dechlorination of PCE to TCE and *cis*-DCE while *Dehalococcoides* functions more as *cis*-DCE and vinyl chloride reducing specialists [10,21].

Reductive Dechlorination - Chlorinated Ethanes: Under anaerobic conditions, chlorinated ethanes are susceptible to reductive dechlorination by several groups of halorespiring bacteria including *Dehalobacter*, *Dehalogenimonas*, and *Dehalococcoides*. While the reported range of chlorinated ethanes utilized varies by genus, species, and sometimes at the strain level, several general observations can be made regarding biodegradation pathways and daughter product formation. *Dehalobacter* spp. have been isolated that are capable of sequential reductive dechlorination of 1,1,1-TCA through 1,1-DCA to chloroethane [13]. Biodegradation of 1,1,2-TCA by several halorespiring bacteria including *Dehalobacter* and *Dehalogenimonas* spp. proceeds via dichloroelimination producing vinyl chloride [22–24]. Similarly, 1,2-DCA biodegradation by *Dehalobacter*, *Dehalogenimonas*, and *Dehalococcoides* occurs via dichloroelimination producing ethene. While not utilized by many *Desulfitobacterium* isolates, at least one strain, *Desulfitobacterium dichloroeliminans* strain DCA1, is also capable of dichloroelimination of 1,2-DCA [25]. The 1,2-dichloroethane reductive dehalogenase gene (DCAR) from members of *Desulfitobacterium* and *Dehalobacter* is known to dechlorinate 1,2-DCA to ethene, while the 1,1-dichloroethane reductive dehalogenase (DCA) targets the gene responsible for 1,1-DCA dechlorination in some strains of *Dehalobacter*. In addition to chloroform, chloroform reductase (CFR) has also been shown to be responsible for reductive dechlorination of 1,1,1-TCA [26].

Reductive Dechlorination - Chlorinated Methanes: Chloroform is a common co-contaminant at chlorinated solvent sites and can inhibit reductive dechlorination of chlorinated ethenes. Grostern et al. demonstrated that a *Dehalobacter* population was capable of reductive dechlorination of chloroform to produce dichloromethane [27]. The *cfrA* gene encodes the reductase which catalyzes this initial step in chloroform biodegradation [26]. Justicia-Leon et al. have since shown that dichloromethane can support growth of a distinct group of *Dehalobacter* strains via fermentation [28]. The *Dehalobacter* DCM assay targets the 16S rRNA gene of these strains.

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Reductive Dechlorination - Chlorinated Benzenes: Chlorinated benzenes are an important class of industrial solvents and chemical intermediates in the production of drugs, dyes, herbicides, and insecticides. The physical-chemical properties of chlorinated benzenes as well as susceptibility to biodegradation are functions of their degree of chlorination and the positions of chlorine substituents. Under anaerobic conditions, reductive dechlorination of higher chlorinated benzenes including hexachlorobenzene (HCB), pentachlorobenzene (PeCB), tetrachlorobenzene (TeCB) isomers, and trichlorobenzene (TCB) isomers has been well documented [29], although biodegradation of individual compounds and isomers varies between isolates. For example, *Dehalococcoides* strain CBDB1 reductively dechlorinats HCB, PeCB, all three TeCB isomers, 1,2,3-TCB, and 1,2,4-TCB [9]. *Dehalobium chlorocoercia* DF-1 has been shown to be capable of reductive dechlorination of HCB, PeCB, and 1,2,3,5-TeCB [31]. The dichlorobenzene (DCB) isomers and chlorobenzene (CB) were considered relatively recalcitrant under anaerobic conditions. However, new evidence has demonstrated reductive dechlorination of DCBs to CB and CB to benzene [32] with corresponding increases in concentrations of *Dehalobacter* spp. [33].

Reductive Dechlorination - Chlorinated Phenols: Pentachlorophenol (PCP) was one of the most widely used biocides in the U.S. and despite residential use restrictions, is still extensively used industrially as a wood preservative. Along with PCP, the tetrachlorophenol and trichlorophenol isomers were also used as fungicides in wood preserving formulations. 2,4-Dichlorophenol and 2,4,5-TCP were used as chemical intermediates in herbicide production (e.g. 2,4-D) and chlorophenols are known byproducts of chlorine bleaching in the pulp and paper industry. While the range of compounds utilized varies by strain, some *Dehalococcoides* isolates are capable of reductive dechlorination of PCP and other chlorinated phenols. For example, *Dehalococcoides* strain CBDB1 is capable of utilizing PCP, all three tetrach lorophenol (TeCP) congeners, all six trichlorophenol (TCP) congeners, and 2,3-dichlorophenol (2,3-DCP). PCP dechlorination by strain CBDB1 produces a mixture of 3,5-DCP, 3,4-DCP, 2,4-DCP, 3-CP, and 4-CP [34]. In the same study, however, *Dehalococcoides* strain 195 dechlorinated a more narrow spectrum of chlorophenols which included 2,3-DCP, 2,3,4-TCP, and 2,3,6-TCP, but no other TCPs or PCP. Similar to *Dehaloc occoides*, some species and strains of *Desulfitobacterium* are capable of utilizing PCP and other chlorinated phenols. *Desulfitobacterium hafniense* PCP-1 is capable of reductive dechlorination of PCP to 3-CP [35]. However, the ability to biodegrade PCP is not universal among *Desulfitobacterium* isolates. *Desulf itobacterium* sp. strain PCE1 and *D. chlororespirans* strain Co23, for example, can utilize some TCP and DCP isomers, but not PCP for growth [2,36].

Reductive Dechlorination - Chlorinated Propanes: *Dehalogenimonas* is a recently described bacterial genus of the phylum Chloroflexi which also includes the well-known chloroethene-respiring *Dehalococcoides* [23]. The *Dehalogenimonas* isolates characterized to date are also halorespiring bacteria, but utilize a rather unique range of chlorinated compounds as electron acceptors including chlorinated propanes (1,2,3-TCP and 1,2-DCP) and a variety of other vicinally chlorinated alkanes including 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, and 1,2-dichloroethane [23]

Aerobic - Chlorinated Ethene Cometabolism: Under aerobic conditions, several different types of bacteria including methane-oxidizing bacteria (methanotrophs), and many benzene, toluene, ethylbenzene, xylene, and (BTEX)-utilizing bacteria can cometabolize or co-oxidize TCE, DCE, and vinyl chloride [37]. In general, cometabolism of chlorinated ethenes is mediated by monooxygenase enzymes with "relaxed' specificity that oxidize a primary (growth supporting) substrate (*e.g.* methane) and co-oxidize the chlorinated compound (*e.g.* TCE). QuantArray®-Chlor provides quantification of a suite of genes encoding oxygenase enzymes capable of co-oxidation of chlorinated ethenes including soluble methane monooxygenase (sMMO). Soluble methane monooxygenases co-oxidize a broad range of chlorinated compounds [38–41] including TCE, *cis*-DCE, and vinyl chloride. Furthermore, soluble methane monooxygenases are generally believed to support greater rates of aerobic cometabolism [40]. QuantArray®-Chlor also quantifies aromatic oxygenase genes encoding ring hydroxylating toluene monooxygenase genes (RMO, RDEG), toluene dioxygenase (TOD) and phenol hydroxylases (PHE) capable of TCE co-oxidation [42–46]. TCE or a degradation product has been shown to induce expression of toluene monooxygenases in some laboratory studies [43,47] raising the possibility of TCE cometabolism with an alternative (non-aromatic) growth substrate. Moreover, while a number of additional factors must be considered, recent research under ESTCP Project 201584 has shown positive correlations between concentrations of monooxygenase genes (soluble methane monooxygenase, ring hydroxylating monooxygenases, and phenol hydroxylase) and the rate of TCE degradation [48].

Aerobic - Chlorinated Ethane Cometabolism: While less widely studied than cometabolism of chlorinated ethenes, some chlorinated ethanes are also susceptible to co-oxidation. As mentioned previously, soluble methane monooxygenases (sMMO) exhibit very relaxed specificity. In laboratory studies, sMMO has been shown to co-oxidize a number of chlorinated ethanes including 1,1,1-TCA and 1,2-DCA [38,40].

Aerobic - Vinyl Chloride Cometabolism: Beginning in the early 1990s, numerous microcosm studies demonstrated

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aerobic oxidation of vinyl chloride under MNA conditions without the addition of exogenous primary substrates. Since then, strains of *Mycobacterium*, *Nocardioides*, *Pseudomonas*, *Ochrobactrum*, and *Ralstonia* species have been isolated which are capable of aerobic growth on both ethene and vinyl chloride (see Mattes et al. [49] for a review). The initial steps in the pathway are the monooxygenase (*etn*ABCD) catalyzed conversion of ethene and vinyl chloride to their respective epoxyalkanes (epoxyethane and chlorooxirane), followed by epoxyalkane:CoM transferase (*etn*E) mediated conjugation and breaking of the epoxide [50].

Aerobic - Chlorinated Benzenes: In general, chlorobenzenes with four or less chlorine groups are susceptible to aerobic biodegradation and can serve as growth-supporting substrates. Toluene dioxygenase (TOD) has a relatively relaxed substrate specificity and mediates the incorporation of both atoms of oxygen into the aromatic ring of benzene and substituted benzenes (toluene and chlorobenzene). Comparison of TOD levels in background and source zone samples from a CB-impacted site suggested that CBs promoted growth of TOD-containing bacteria [51]. In addition, aerobic biodegradation of some trichlorobenzene and even tetrachlorobenzene isomers is initiated by a group of related trichlorobenzene dioxygenase genes (TCBO). Finally, phenol hydroxylases catalyze the continued oxidation and in some cases, the initial oxidation of a variety of monoaromatic compounds. In an independent study, significant increases in numbers of bacteria containing PHE genes corresponded to increases in biodegradation of DCB isomers [51].

Aerobic - Chlorinated Methanes: Many aerobic methylotrophic bacteria, belonging to diverse genera (*Hyphomicrobium*, *Methylobacterium*, *Methylophilus*, *Pseudomonas*, *Paracoccus*, and *Alibacter*) have been isolated which are capable of utilizing dichloromethane (DCM) as a growth substrate. The DCM metabolic pathway in methylotrophic bacteria is initiated by a dichloromethane dehalogenase (DCMA) gene. DCMA is responsible for aerobic biodegradation of dichloromethane by methylotrophs by first producing formaldehyde which is then further oxidized [52].

As discussed in previous sections, soluble methane monooxygenase (sMMO) exhibits relaxed specificity and co-oxidizes a broad spectrum of chlorinated hydrocarbons. In addition to chlorinated ethenes, sMMO has been shown to co-oxidize chloroform in laboratory studies [38,41].

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APPENDIX E NYSEDD SUBMITTAL

Outlook

Electronic Data Submittal - Macbeth Kollmorgen Corp. - 336037

From Andrew Coenen <andrew.coenen@erm.com>
Date Wed 12/3/2025 4:13 PM
To NYENVEDD@dec.ny.gov <NYENVEDD@dec.ny.gov>
Cc Starr, Justin C (DEC) <Justin.Starr@dec.ny.gov>; Karen Pickering <Karen.Pickering@erm.com>

1 attachment (14 KB)
20251203 1608.336037.NYSDEC_v5_MERGE.zip;

Attached please find an EDD for groundwater data collected in association with the above referenced site from 2023-2025.

This file has been checked using EDP and no issues were observed.

Please let us know if you have any questions regarding this submittal.

Please send correspondence if this file is acceptable.

ERM
Sustainability is our business

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