Fleming Lee Shue

July 12, 2023

Mr. Christopher Allan
New York State Department of Environmental Conservation
Hunters Point Plaza, 47-40 21st Street
Long Island City, NY 11101

Re: **2023 Q1Q2 Semi-Annual Groundwater Monitoring Report**
Info Tech High School – 21-16 44th Road, Long Island City, NY 11101
NYSDEC VCP Site Number V00366-2

Dear Mr. Allan:

Fleming, Lee Shue Environmental Engineering and Geology. D.P.C. (FLS) presents this Semi-Annual Groundwater Monitoring Report for NYSDEC VCP Site Number V00366-2 located at 21-16 44th Road in Long Island City, New York (the Site). The Site is currently in Site Management and this groundwater monitoring event was completed in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP) dated September 2008 and the subsequent Site Management Plan Modifications dated June 2017 and December 2018. FLS replaced Leggete, Brashears & Graham Inc. (LBG) as the lead consultant for the Site in June 2017.

Background

The Site was enrolled in the Voluntary Cleanup Program (VCP) as Site Number V00366-2 in September 2000. The Site is approximately 44,500 square feet and is currently occupied by Information Technology High School. The Site is comprised of the school building, a courtyard and an alley on the eastern side of the building. The Site is a former drapery hardware manufacturer and the eastern portion of the Site was used for metal cleaning, painting, degreasing, oil-extraction, plating and painting. The building was converted to a high school in 2003.

Findings presented in the 2002 Remedial Investigation Report by LBG revealed high concentrations of volatile organic compounds (VOC), primarily tetrachloroethylene (PCE) and other chlorinated solvents, in soil, groundwater and soil vapor. Concentrations of chlorinated solvents are attributed to the degreasing operation formerly located along the interior south wall

as well as the solvent storage area located immediately outside the building adjacent to the degreasing machine.

The remedial actions, outlined in the Remedial Action Work Plan submitted by LBG in 2003, included the removal of contaminated soil, basement ash, and sediment. Engineering controls installed include a vapor barrier, sub-slab depressurization system (SSDS), groundwater pump and treat system, and soil vapor extraction (SVE) system. The SVE system was shut down and associated monitoring discontinued in October 2010 due to consistently low and/or non-detect VOC concentrations. As per LBG's monthly inspection report, any monitoring of SVE wells will only be performed at the request of NYSDEC. The groundwater pump and treat system was disabled on April 28, 2014 and monitoring discontinued in the second quarter of 2014 due to reduced concentrations of VOCs in groundwater and as per approval provided by NYSDEC on April 24, 2014.

Geology and Hydrogeology

As presented in the SMP prepared by LBG dated September 2008, the Site is located in the Atlantic Coastal Plain physiographic province. The geology of this province is comprised of interbedded layers of sand, clay and marl. In Long Island, the marine deposits are overlain by drift. The marine deposits are Cretaceous and Quaternary. The drift deposits are derived from glacial activity that occurred during the Pleistocene. The total thickness of the marine and glacial deposits in Queens County ranges from 0 foot in northwestern Queens to 1,100 feet thick in southeastern Queens.

The groundwater resources that underlie western Long Island is composed of a series of unconsolidated deposits of sand, gravel and clay of late Cretaceous and Pleistocene age. The principal water-bearing units that provide usable quantities of water are the Upper Glacial Aquifer, the Jameco Aquifer, the Magothy Aquifer and the Lloyd Aquifer. Except for the Upper Glacial Aquifer and Jameco Aquifer, these units are vertically separated from each other by confining clay units.

The SMP indicates that the topography of the Site area is generally level. Prior investigations have shown the ground surface elevations at the Site are approximately 15 feet above mean sea level. Shallow sediments beneath the Site consist primarily of silt and ash/fill material, underlain by fine to medium sand. The upper silt layer is between 4 and 16 feet thick and exists across most of the Site. Beneath the silt layer is a layer of fine to medium sand, which was encountered in all areas of the Site. The sand extends down to the bedrock surface, which was encountered between 17 and 27 feet below grade (fbg). During drilling activities overseen by LBG, groundwater was reportedly encountered in the sand layer, approximately 4 fbg beneath the basement and 13 fbg across the remainder of the Site.

Groundwater Elevations Measurements

Prior to sampling, a synoptic round of water-level measurements was collected on May 17, 2023 using a water-level meter. Well gauging results and well specification details are provided in Table

2. Groundwater elevations ranged from 2.94 ft-above mean sea level (amsl) (MW-1) to 3.17 ft-amsl (MW-9). Overburden and bedrock groundwater contour maps are provided in Figures 2 and 3, respectively.

Groundwater Monitoring Program

The objectives of the groundwater monitoring program include the following:

- Provide a current round of groundwater analytical data from the monitoring wells; and
- Evaluate the existing groundwater conditions and chlorinated VOC concentration (tetrachloroethene [PCE] and trichloroethene [TCE]) trends at the Site.

The groundwater monitoring program involves the following activities:

- Measurement of groundwater field parameters including pH, dissolved oxygen (DO), total dissolved solids (TDS), conductivity, oxidation-reduction potential (ORP), turbidity, salinity, and temperature to determine groundwater conditions; and

- Collection of groundwater samples analyzed for VOCs to evaluate chlorinated VOC concentration trends and monitor natural attenuation.

Groundwater Sampling Procedures

Following the water-level measurements, groundwater samples were collected from eight on-Site monitoring wells (MW-6, MW-7, MW-8, MW-9, BRMW-1, BRMW-2, BRMW-3 and RW-1) and one off-Site monitoring well (MW-1).

Groundwater samples were collected using the low-flow sampling method (EPA Low-Flow Groundwater Sampling Procedures, April 1996). Each monitoring well was purged prior to sampling using a peristaltic pump until groundwater parameters (temperature, pH, DO, conductivity, ORP, TDS, and turbidity) stabilized or three well volumes of water were purged. Water-quality measurements were monitored using a Horiba U-52 multi-parameter water-quality meter. The monitoring well purging logs are included in Appendix A.

After the stabilization of the groundwater parameters, samples were collected via dedicated pump tubing directly into laboratory-supplied containers. After sample collection each container was labeled, placed on ice in an insulated cooler and transported under chain-of-custody protocol to SGS Accutest Laboratories of Dayton, New Jersey, a New York Environmental Laboratory Approval Program Certified Laboratory. The groundwater samples were analyzed for Target Compounds List (TCL) VOCs by EPA Method 8260C.

Summary of 2023 Q1-Q2 Analytical Results

The groundwater analytical results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (TOGS Standard) and are summarized in Table 3. Figure 4 presents the results on the Site Plan, and the laboratory data report is provided in Appendix B. Analytical groundwater results generally show that the majority of VOCs were non-detect or below the TOGS Standard at all monitoring well locations. The exception being PCE and its associated degradation daughter products (i.e. TCE and cis-1,2 dichloroethene).

Generally, concentrations of contaminant of concern PCE exhibited variability across the Site during the May 2023 event. PCE was detected in all nine of the monitoring wells sampled and ranged from 12.9 µg/L (MW-7) to 1,090 µg/L (MW-6). The highest concentrations were present at MW-6 (1,090 µg/L), BRMW-2 (712 µg/L), MW-1 (428 µg/L), and BRMW-3 (412 µg/L). The mean and median PCE concentrations were 321.7 µg/L and 117 µg/L, respectively. Concentrations of PCE in overburden wells decreased in four out of six wells compared to the last sampling event (October 2022) including MW-6 and MW-7, where concentrations fell 40% and 170%, respectively. Small magnitude increases were observed at MW-8 and MW-9 (95% and 75%, respectively). Concentrations of PCE in bedrock wells remain relatively stable compared to previous sampling events.

Similar to PCE, TCE was detected in eight of the nine monitoring wells sampled and at concentrations exceeding the TOGS Standard in six out of the nine wells. Concentrations of TCE ranged from non-detect (MW-7) to 60.4 µg/L (BRMW-2) and the mean and median concentrations were 17.5 µg/L and 9.8 µg/L, respectively. In general, concentrations of TCE in overburden wells are variable, but appear relatively stable, while concentrations bedrock well within either decreased or remained at similar levels.

Cis-1,2-Dichloroethene (cis-DCE) was detected in eight out of nine wells sampled and ranged from non-detect (MW-7) to 74.8 µg/L (RW-1). Cis-DCE exceeded the TOGS Standard in six of the nine monitoring wells sampled. The mean and median concentrations for cis-DCE were 31.2 µg/L and 8.2 µg/L, respectively. The highest concentrations of daughter products TCE and cis-DCE appear to be localized to the center of the Site near the former drum storage area and separately at MW-1 on 44th Road. Overall concentrations of cis-DCE were largely stable within both overburden or bedrock wells during this sampling event, with the exception of RW-1 which exhibited a 73.7% decrease compared to last sampling event (October 2022).

Table 4 – VOC Summary

		Sample Name								
Volatile Organic Compound	TOGS Standard	MW-1	MW-6	MW-7	MW-8	MW-9	BRMW-1	BRMW-2	BRMW-3	RW-1
Cis-DCE	5	**44.7**	**20**	ND	1.1	2.3	**8.4**	**25.4**	**12.4**	**51**
TCE	5	**10.7**	**9.8**	ND	3.9	**6.9**	**11**	**60.4**	**54.4**	0.63 J
PCE	5	**428**	**1090**	**12.9**	**42.1**	**56.7**	**117**	**712**	**412**	**24.9**

*All concentrations are in µg/L
Concentrations above the TOGS Standard are in bold. ND = Not detected above laboratory reporting limit.

Data Trends

Overall Site concentrations of PCE and TCE have remained effectively stable since 2017. However, some individual wells have shown recent fluctuations and data trends compared to the last several sampling events. Figure 5 shows a time series plot of PCE and TCE over time for each well.

Figure 5

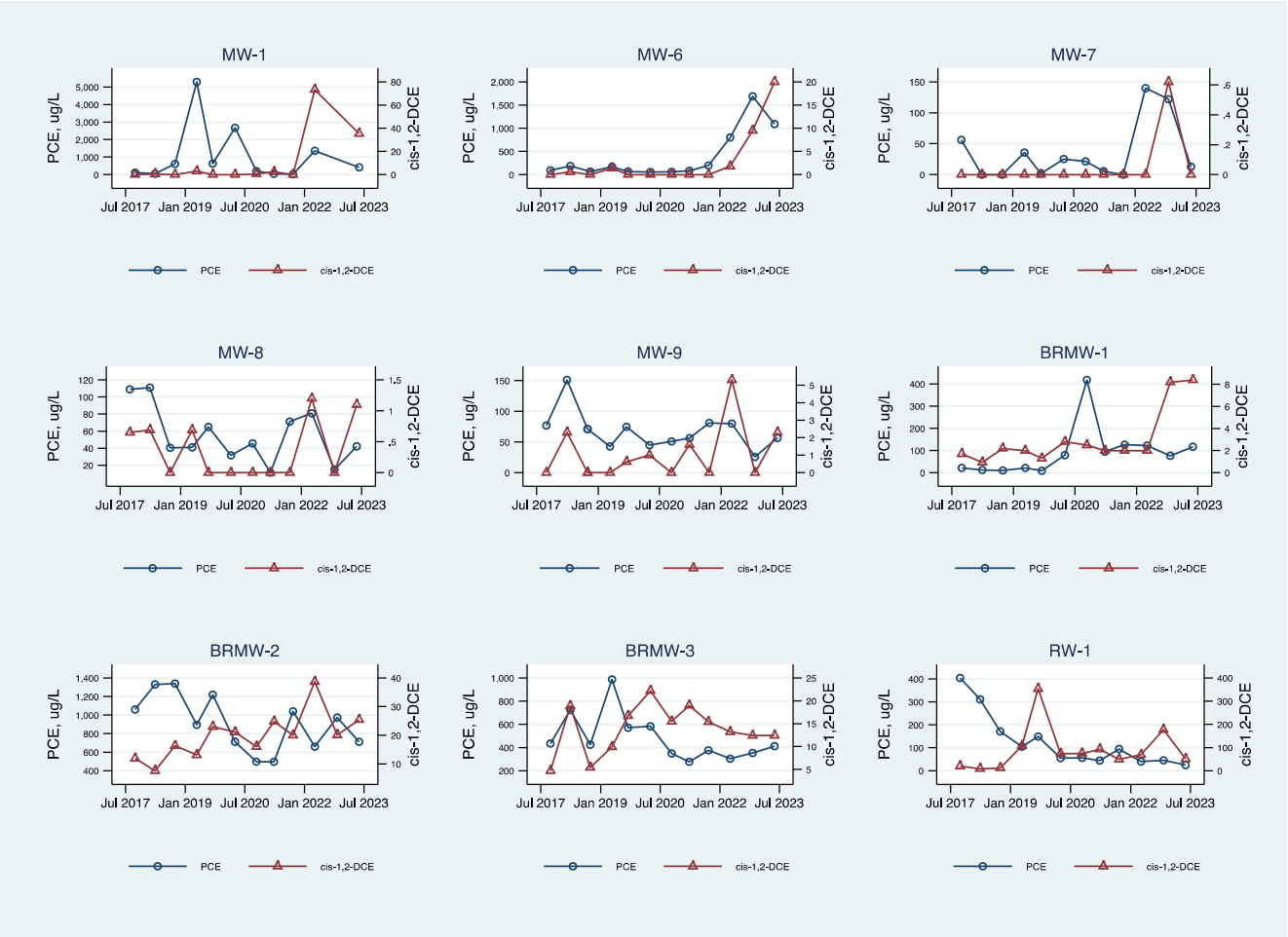


Most wells show some fluctuation, but no discernable trend over time. However, exceptions include MW-6 and BRMW-1, which have increased in concentrations starting in the April 2022 sampling event and now appear to have stabilized at concentrations nearly an order of magnitude higher than the previous sampling period. Conversely, RW-1, has shown steady decreases in concentrations of both PCE and TCE over time.

Previously, solvent contamination appeared to be localized to two distinct areas, the bedrock wells in the center of the Site and a separate off-site source affecting overburden near MW-1 on 44th Road. As mentioned, bedrock well contamination in the center of the Site appears relatively stable, and continues to demonstrate evidence of natural attenuation given the relatively higher concentration of cis-1,2-dichloroethene in these wells compared to the other monitoring wells. However, it appears that the suspected off-site overburden source documented at MW-1 during the last eight sampling events may have continued to migrate and co-mingled towards the center of the Site explaining the rapid increase in PCE concentrations after nearly a half decade of stability within MW-6. In five years post-treatment (September 2017 to March 2021), concentrations of PCE within MW-6 (located in the center of the Site) averaged 97.1 µg/L. Since that time the concentration of PCE in MW-6 increased each subsequent event from 198 µg/L (September 2021), to 803 µg/L (April 2022) and 1,690 µg/L (October 2022) before decreasing this last event to 1,090 µg/L (May 2023). FLS believes the similar timing of increases of the off-Site well MW-1 and the on-Site well MW-6 is evidence of migration of off-Site source material into the Site. That said, despite relative increases of PCE, overall concentrations remain well below the post-GWTS historical maximum concentration (19,000 µg/L PCE recorded at MW-9 during the September 2014 sampling event).

As shown in Figure 6, concentrations of degradation compound cis-1,2 dichloroethene (cis-1,2-DCE) have been increasing across the Site, potentially indicating on-going PCE breakdown. This includes several wells where concentrations of Cis-DCE now exceed that of PCE (i.e., MW-6, BRMW-1, BRMW-3, and RW-1) and generally indicates the on-going breakdown and natural attenuation of PCE within on-Site wells.

Figure 6



Conclusions and Recommendations

The only compounds exceeding TOGS Standards during this sampling event were chlorinated solvents PCE, TCE and cis-DCE. PCE concentrations exceeded TOGS Standards in all nine wells sampled. Concentrations of both TCE and cis-DCE exceeded in six of the nine wells. Overall Site concentrations of PCE and TCE have remained effectively stable since 2017. However, some individual wells have shown recent fluctuations and both increasing (i.e. MW-6, BRMW-1) and decreasing (RW-1) data trends compared to previous several sampling events.

Previously, solvent contamination appeared to be localized to two distinct areas, the bedrock wells in the center of the Site and a separate off-site source affecting overburden near MW-1 on 44th Road. Bedrock well contamination in the center of the Site continues to appear relatively stable, and demonstrate evidence of natural attenuation given the relatively higher concentration of cis-1,2-dichloroethene compared to the other monitoring wells. However, the data shows that the suspected off-site overburden source documented at MW-1 may have continued to migrate and co-mingled towards the center of the Site explaining the relative increase in PCE concentrations

after nearly a half decade of stability within MW-6. That said, despite relative increases of PCE, overall concentrations remain well below the post-GWTS historical maximum concentration (19,000 µg/L PCE recorded at MW-9 during the September 2014 sampling event).

Semi-annual groundwater monitoring will continue in accordance with the approved modified SMP to further assess groundwater quality and the potential for off-Site sources impacting the Site. The next groundwater monitoring event is scheduled for October 2023.

Please contact us with any comments or questions.

Sincerely,
Arnold F. Fleming, P.E.



cc: John Belanich Bell Realty (e-copy)

enc**:**

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Tables

Table 1
Groundwater Monitoring and Sampling Summary
Semi-Annual Groundwater Monitoring Report
Info Tech High School, VCP Site No. V00366-2

Well-ID	Date Gauged/Sampled	TCL VOCs
MW-1	5/17/2023	x
MW-6	5/17/2023	x
MW-7	5/17/2023	x
MW-8	5/17/2023	x
MW-9	5/17/2023	x
BRMW-1	5/17/2023	x
BRMW-2	5/17/2023	x
BRMW-3	5/17/2023	x
RW-1	5/17/2023	x

Notes:
TCL VOCs - Target Compound List Volatile Organic Compounds

Table 2
Monitoring Well Gauging Results
Semi-Annual Groundwater Monitoring Report
Info Tech High School, VCP Site No. V00366-2

Well ID	Total Depth feet	Well diameter inches	Top of Casing Elevation ft-msl	Depth to Water ft-btc	Groundwater Elevation ft-msl
MW-1	19.20	2.0	16.67	13.73	2.94
MW-6	25.71	4.0	17.29	14.15	3.14
MW-7	21.39	4.0	17.19	14.08	3.11
MW-8	15.02	4.0	8.87	5.72	3.15
MW-9	15.86	4.0	8.91	5.74	3.17
BRMW-1	26.06	2.0	16.86	13.90	2.96
BRMW-2	32.58	2.0	16.90	13.74	3.16
BRMW-3	28.56	2.0	16.92	13.78	3.14
RW-1	21.81	8.0	16.17	13.03	3.14

Notes:
Gauging conducted on 05/17/2023
ft-msl = feet relative to mean sea level
- = Not Applicable

Table 4
Volatile Organic Compounds in Groundwater
Periodic Review Report
Info Tech High School, VCP Site No. V00366-2

Sample ID Lab Sample ID Date Sample Collected Matrix	Class GA Standards	MW-1 JC51932-2 9/27/2017 Groundwater	MW-1 JC63263-6 3/29/2018 Groundwater	MW-1 JC74822-1 9/28/2018 Groundwater	MW-1 JC86484-1 4/16/2019 Groundwater	MW-1 JC94740-1 9/10/2019 Groundwater	MW-1 JD9554-1 4/2/2020 Groundwater	MW-1 JD14774-1 10/15/2020 Groundwater	MW-1 JD22365-4 3/25/2021 Groundwater	MW-1 JD31864-2 9/17/2021 Groundwater	MW-1 JD42498-5 4/5/2022 Groundwater	MW-1 - 10/28/2022 -	MW-1 JD65823-1 5/17/2023 Ground Water	MW-1 DUP JD65823-2 5/17/2023 Ground Water	MW-2 JC51932-1 9/27/2017 Groundwater	MW-2 JC63263-8 3/29/2018 Groundwater	MW-2 JC74822-2 9/28/2018 Groundwater	MW-6 JC51932-7 9/27/2017 Groundwater	MW-6 JC63263-9 3/29/2018 Groundwater	MW-6 JC74822-5 9/28/2018 Groundwater	MW-6 JC86484-5 4/16/2019 Groundwater	MW-6 JC94740-7 9/10/2019 Groundwater	MW-6 JD9554-5 4/2/2020 Groundwater	MW-6 JD14774-9 10/15/2020 Groundwater	MW-6 JD22365-5 3/25/2021 Groundwater	MW-6 JD31864-8 9/17/2021 Groundwater	MW-6 JD42498-6 4/5/2022 Groundwater	MW-6 JD54605-5 10/28/2022 Groundwater	MW-6 JD65823-3 5/17/2023 Ground Water	MW-7 JC51932-4 9/27/2017 Groundwater	MW-7 JC63263-1 3/29/2018 Groundwater	MW-7 JC74822-10 9/28/2018 Groundwater	MW-7 JC86484-6 4/16/2019 Groundwater	MW-7 JC94740-9 9/10/2019 Groundwater	MW-7 JD9554-6 4/2/2020 Groundwater	MW-7 JD14774-10 10/15/2020 Groundwater	MW-7 JD22365-6 3/25/2021 Groundwater	MW-7 JD31864-10 9/17/2021 Groundwater	MW-7 JD42498-7 4/5/2022 Groundwater	MW-7 JD54605-7 10/28/2022 Groundwater	MW-7 DUP JD54605-8 10/28/2022 Ground Water	MW-7 JD65823-4 5/17/2023 Ground Water
Volatile Organic Compounds																																									
Acetone	-	ND (5.0)	ND (5.0)	ND (50) a	ND (30)	ND (12)	ND (60)	ND (6.0)	ND (6.0)	ND (3.1) a	ND (3.1)	NS	ND	ND	ND (5.0)	ND (5.0)	ND (6.0)	ND (5.0)	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (3.1) a	ND (3.1)	ND (3.1) a	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (3.1)	ND (3.1) a	ND (3.1)	ND (3.1)	ND (3.1) a	ND (3.1)	ND (3.1) a	ND
1,1,1-Trichloroethane	5	ND (0.25)	ND (0.25)	ND (2.7)	ND (2.7)	ND (1.1)	ND (5.4)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	NS	ND	ND	ND (0.25)	ND (0.25)	ND (0.54)	ND (0.25)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (5.4)	ND	ND (0.25)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND
1,1,2,2-Tetrachloroethane	5	ND (0.17)	ND (0.17)	ND (3.3)	ND (3.3)	ND (1.3)	ND (6.5)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	NS	ND	ND	ND (0.17)	ND (0.17)	ND (0.65)	ND (0.17)	ND (0.17)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (6.5)	ND	ND (0.17)	ND (0.17)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND
1,1,2-Trichloroethane	1	ND (0.24)	ND (0.24)	ND (2.7)	ND (2.7)	ND (1.1)	ND (5.3)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	NS	ND	ND	ND (0.24)	ND (0.24)	ND (0.53)	ND (0.24)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (5.3)	ND	ND (0.24)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,1-Dichloroethane	5	ND (0.21)	ND (0.21)	ND (2.8)	ND (2.8)	ND (1.1)	ND (5.7)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	NS	ND	ND	ND (0.21)	ND (0.21)	ND (0.57)	ND (0.21)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (5.7)	ND	ND (0.21)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND
1,1-Dichloroethene	5	ND (0.47)	ND (0.47)	ND (3.0)	ND (3.0)	ND (1.2)	ND (5.9)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	NS	ND	ND	ND (0.47)	ND (0.47)	ND (0.59)	ND (0.47)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (5.9)	ND	ND (0.47)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND
1,2,3-Trichlorobenzene	5	ND (0.50)	ND (0.50)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	NS	ND	ND	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (5.0)	ND	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND
1,2,4-Trichlorobenzene	5	ND (0.50)	ND (0.50)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	NS	ND	ND	ND (0.50)	ND (0.50)	ND (0.50) (0.50) b	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (5.0)	ND	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND
1,2-Dibromo-3-chloropropane	0.04	ND (0.69)	ND (0.69)	ND (8.0)	ND (8.0)	ND (2.4)	ND (12)	ND (1.2)	ND (1.2)	ND (0.53)	ND (0.53)	NS	ND	ND	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.21 b	ND (0.69)	ND (0.69)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND	ND (0.69)	ND (0.69)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,2-Dibromoethane	0.0006	ND (0.21)	ND (0.21)	ND (2.4)	ND (2.4)	ND (0.95)	ND (4.8)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	NS	ND	ND	ND (0.21)	ND (0.21)	ND (0.48)	ND (0.21)	ND (0.21)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (4.8)	ND	ND (0.21)	ND (0.21)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND
1,2-Dichlorobenzene	3	ND (0.50)	ND (0.50)	ND (2.7)	ND (2.7)	ND (1.1)	ND (5.3)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	NS	ND	ND	ND (0.50)	ND (0.50)	ND (0.53)	ND (0.50)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (5.3)	ND	ND (0.50)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,2-Dichloroethane	0.6	ND (0.20)	ND (0.20)	ND (3.0)	ND (3.0)	ND (1.2)	ND (6.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	NS	ND	ND	ND (0.20)	ND (0.20)	ND (0.60)	ND (0.20)	ND (0.20)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (6.0)	ND	ND (0.20)	ND (0.20)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND
1,2-Dichloropropane	1	ND (0.24)	ND (0.24)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.1)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	NS	ND	ND	ND (0.24)	ND (0.24)	ND (0.51)	ND (0.24)	ND (0.24)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (5.1)	ND	ND (0.24)	ND (0.24)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
1,3-Dichlorobenzene	3	ND (0.50)	ND (0.50)	ND (2.7)	ND (2.7)	ND (1.1)	ND (5.4)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	NS	ND	ND	ND (0.50)	ND (0.50)	ND (0.54)	ND (0.50)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (5.4)	ND	ND (0.50)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND
1,4-Dichlorobenzene	3	ND (0.50)	ND (0.50)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.1)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	NS	ND	ND	ND (0.50)	ND (0.50)	ND (0.51)	ND (0.50)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (5.1)	ND	ND (0.50)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
1,4-Dioxane	-	ND (52)	ND (52)	ND (350)	ND (350)	ND (149)	ND (690)	ND (69)	ND (69)	ND (19) b	ND (19)	NS	ND	ND	ND (52)	ND (52)	ND (69)	ND (52)	ND (52)	ND (69)	ND (69)	ND (69)	ND (69)	ND (69)	ND (69)	ND (19) b	ND (19)	ND (190)	ND	ND (52)	ND (52)	ND (69)	ND (69)	ND (69)	ND (69)	ND (69)	ND (19) a	ND (19) b	ND (19)	ND (19)	ND (19)	ND (19)	ND (19)	ND
2-Butanone (MEK)	-	ND (4.8)	ND (4.8)	ND (34) a	ND (34)	ND (14)	ND (69)	ND (6.9)	ND (6.9) a	ND (6.9)	ND (6.9)	NS	ND	ND	ND (4.8)	ND (4.8)	ND (6.9)	ND (4.8)	ND (4.8)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (27)	ND	ND (4.8)	ND (4.8)	ND (6.9) a	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	ND (8.3)	ND (2.7)	ND (2.7)	ND (2.7)	ND
2-Hexanone	-	ND (3.3)	ND (3.3)	ND (10)	ND (10)	ND (4.1)	ND (20)	ND (2.0)	ND (2.0)	ND (2.0) a	ND (2.0)	NS	ND	ND	ND (3.3)	ND (3.3)	ND (3.3)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (20)	ND	ND (3.3)	ND (3.3)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND
4-Methyl-2-pentanone(MIBK)	-	ND (3.0)	ND (3.0)	ND (9.3)	ND (9.3)	ND (3.7)	ND (19)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	NS	ND	ND	ND (3.0)	ND (3.0)	ND (1.9)	ND (3.0)	ND (3.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (19)	ND	ND (3.0)	ND (3.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND
Benzene	1	ND (0.17)	ND (0.17)	ND (2.1)	ND (2.1)	ND (0.85)	ND (4.3)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	NS	ND	ND	ND (0.17)	ND (0.17)	ND (0.43)	ND (0.17)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (4.3)	ND	ND (0.17)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND
Bromochloromethane	5	ND (0.38)	ND (0.38)	ND (2.4)	ND (2.4)	ND (0.96)	ND (4.8)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	NS	ND	ND	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (4.8)	ND	ND (0.38)	ND (0.38)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND
Bromodichloromethane	-	ND (0.22)	ND (0.22)	ND (2.9)	ND (2.9)	ND (1.2)	ND (5.8)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	NS	ND	ND	ND (0.22)	ND (0.22)	ND (0.58)	ND (0.22)	ND (0.22)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.45)	ND (0.45)	ND (0.45)	ND (4.5)	ND	ND (0.22)	ND (0.22)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND
Bromoform	-	ND (0.42)	ND (0.42)	ND (3.2)	ND (3.2)	ND (1.3)	ND (6.3)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	NS	ND	ND	ND (0.42)	ND (0.42)	ND (0.63)	ND (0.42)	ND (0.42)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (6.3)	ND	ND (0.42)	ND (0.42)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND
Bromomethane	5	ND (1.4)	ND (1.4)	ND (8.2)	ND (8.2) a	ND (3.3)	ND (16)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	NS	ND	ND	ND (1.4)	ND (1.4)	ND (1.6)	ND (1.4)	ND (1.4)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (16)	ND	ND (1.4)	ND (1.4)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND
Carbon disulfide	60	ND (0.23)	ND (0.50)	ND (4.8)	ND (4.8)	ND (1.9)	ND (9.5)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	NS	ND	ND	ND (0.23)	ND (0.50)	ND (0.95)	ND (0.23)	ND (0.50)	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (4.6)	ND	ND (0.23)	ND (0.50)	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND
Carbon tetrachloride	5	ND (0.34)	ND (0.34)	ND (2.8)	ND (2.8)	ND (1.1)	ND (5.5)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	NS	ND	ND	ND (0.34)	ND (0.34)	ND (0.55)	ND (0.34)	ND (0.34)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (5.5)	ND	ND (0.34)	ND (0.34)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND
Chlorobenzene	5	ND (0.24)	ND (0.24)	ND (2.8)	ND (2.8)	ND (1.1)	ND (5.6)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	NS	ND	ND	ND (0.24)	ND (0.24)	ND (0.56)	ND (0.24)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (5.6)	ND	ND (0.24)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND
Chloroethane	5	ND (0.59)	ND (0.59)	ND (3.6)	ND (3.6)	ND (1.5)	ND (7.3)	ND (0.73)	ND (0.73) b	ND (0.73)	ND (0.73)	NS	ND	ND	ND (0.59)	ND (0.59)	ND (0.73)	ND (0.59)	ND (0.59)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (7.3)	ND	ND (0.59)	ND (0.59)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND
Chloroform	7	ND (0.29)	ND (0.29)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	NS	ND	ND	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.50)	ND (0.29)	0.31 J	ND (0.50)	ND (0.50)	ND (0.50)	0.72 J	ND (0.50)	ND (0.50)	ND (5.0) b	ND	ND (0.29)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	0.84 J	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND
Chloromethane	5	ND (0.53)	ND (0.53)	ND (3.8) a	ND (1.5)	ND (7.6)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	NS	ND	ND	ND (0.53)	ND (0.53)	ND (0.76)	ND (0.53)	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76) a	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (7.6)	ND	ND (0.53)	ND (0.53)	ND (0.76)	ND (0.76) a	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND
cis-1,2-Dichloroethene	5	ND (0.50)	0.51 J	ND (2.5)	3.0 J	ND (1.0)	ND (5.1)	0.61 J	2.4	ND (0.51)	**73.3**	NS	**35.4**	**44.7**	0.58 J	1.1	ND (0.51)	ND (0.50)	0.59 J	ND (0.51)	1.4	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	1.8	**9.5 J**	**20**	ND (0.50)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	0.82 J	1	ND
cis-1,3-Dichloropropene	-	ND (0.25)	ND (0.25)	ND (2.4)	ND (2.4)	ND (0.94)	ND (4.7)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	NS	ND	ND	ND (0.25)	ND (0.25)	ND (0.47)	ND (0.25)	ND (0.25)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (4.7)	ND	ND (0.25)	ND (0.25)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND
Cyclohexane	-	ND (0.63)	ND (0.63)	ND (2.9)	ND (2.9)	ND (1.6)	ND (7.8)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	NS	ND	ND	ND (0.63)	ND (0.63)	ND (0.78)	ND (0.63)	ND (0.63)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (7.8)	ND	ND (0.63)	ND (0.63)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND
Dibromochloromethane	-	ND (0.16)	ND (0.16)	ND (2.8)	ND (2.8)	ND (1.1)	ND (5.6)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	NS	ND	ND	ND (0.16)	ND (0.16)	ND (0.56)	ND (0.16)	ND (0.16)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (5.6)	ND	ND (0.16)	ND (0.16)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND
Dichlorodifluoromethane	5	ND (1.9)	ND (1.9)	ND (8.8)	ND (8.8) a	ND (2.7)	ND (14)	ND (1.4)	ND (1.4)	ND (0.56) a	ND (0.56)	NS	ND	ND	ND (1.9)	ND (1.9)	ND (1.4)	ND (1.9)	ND (1.9)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (0.56) a	ND (5.6) a	ND	ND (1.9)	ND (1.9)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (0.56)	ND (0.56)	ND (0.56) a	ND (0.56) a	ND
Ethylbenzene	5	ND (0.22)	ND (0.22)	ND (3.0)	ND (3.0)	ND (1.2)	ND (6.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	NS	ND	ND	ND (0.22)	ND (0.22)	ND (0.60)	ND (0.22)	ND (0.22)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (6.0)	ND	ND (0.22)	ND (0.22)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND
Freon 113	5	ND (1.2)	ND (1.2)	ND (9.7)	ND (9.7)	ND (3.9)	ND (19)	ND (1.9)	ND (1.9)	ND (0.58)	ND (0.58)	NS	ND	ND	ND (1.2)	ND (1.2)	ND (1.9)	ND (1.2)	ND (1.2)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (0.58)	ND (0.58)	ND (5.8)	ND	ND (1.2)	ND (1.2)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND
Isoxorovbenzene	5	ND (0.25)	ND (0.25)	ND (3.2)	ND (3.2)	ND (1.3)	ND (6.5)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	NS	ND	ND	ND (0.25)	ND (0.25)	ND (0.65)	ND (0.25)	ND (0.25)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (6.5)	ND	ND (0.25)	ND (0.25)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND
m,p-Xylene	-	ND (0.43)	ND (0.43)	ND (3.9)	ND (3.9)	ND (1.6)	ND (7.8)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	NS	ND	ND	ND (0.43)	ND (0.43)	ND (0.78)	ND (0.43)	ND (0.43)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (7.8)	ND	ND (0.43)	ND (0.43)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND
Methyl Acetate	-	ND (3.1)	ND (3.1)	ND (4.0)	ND (4.0)	ND (1.6)	ND (8.0)	ND (0.80)	ND (0.80)	ND (0.80) c	ND (0.80) a	NS	ND	ND	ND (3.1)	ND (3.1)	ND (0.80)	ND (3.1)	ND (3.1)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80) a	ND (0.80) a	ND (8.0)	ND	ND (3.1)	ND (3.1)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80) a	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND
Methyl Tert Butyl Ether	10	ND (0.25)	ND (0.25)	ND (2.5)	ND (2.5)	ND (1.0)	ND (5.1)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	NS	ND	ND	ND (0.25)	ND (0.25)	ND (0.51)	ND (0.25)	ND (0.25)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (5.1)	ND	ND (0.25)	ND (0.25)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
Methylcyclohexane	-	ND (1.8)	ND (1.8)	ND (3.0)	ND (3.0)	ND (1.2)	ND (6.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	NS	ND	ND	ND (1.8)	ND (1.8)	ND (0.60)	ND (1.8)	ND (1.8)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (6.0)	ND	ND (1.8)	ND (1.8)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND
Methylene chloride	5	ND (1.0)	ND (1.0)	ND (5.0)	ND (5.0)	ND (2.0)	ND (10)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	NS	ND	ND	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (100)	ND	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND
o-Xylene	5	ND (0.22)	ND (0.22)	ND (3.0)	ND (3.0)	ND (1.2)	ND (5.9)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	NS	ND	ND	ND (0.22)	ND (0.22)	ND (0.59)	ND (0.22)	ND (0.22)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (5.9)	ND	ND (0.22)	ND (0.22)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND
Styrene	5	ND (0.24)	ND (0.24)	ND (3.5)	ND (3.5)	ND (1.4)	ND (7.0)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	NS	ND	ND	ND (0.24)	ND (0.24

Table 4
Volatile Organic Compounds in Groundwater
Periodic Review Report
Info Tech High School, VCP Site No. V00366-2

Sample ID	Class GA	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1	BRMW-1
Lab Sample ID	Standards	JC51937-5	K63263-4	J47822-7	K86484-7	K94740-4	J05554-7	J01477-4	J072365-7	J031864-4	J042498-8	J054605-3	J065823-5	JC51932-3	K63263-5	K74822-6	K86484-8	K94740-2	J05554-8	J01477-2	J072365-8	J031864-1	J042498-9	J054605-1	J065823-6	JC51932-10	K63263-7	K74822-3	K86484-2	K94740-3	J05554-2	J01477-3	J072365-1	J031864-3	J042498-1	J054605-2	5/17/2023
Date Sample Collected		9/27/2017	3/29/2018	9/28/2018	4/16/2019	9/10/2019	4/2/2020	10/15/2020	3/25/2021	9/17/2021	4/5/2022	10/28/2022	5/17/2023

Table 4
Volatile Organic Compounds in Groundwater
Periodic Review Report
Info Tech High School, VCP Site No. V00366-2

Sample ID Lab Sample ID Date Sample Collected Matrix	Class GA Standards	BRMW-2 JC51932-8 9/27/2017 Groundwater	BRMW-2 JC63263-10 3/29/2018 Groundwater	BRMW-2 JC74822-4 9/28/2018 Groundwater	BRMW-2 JC86484-3 4/16/2019 Groundwater	BRMW-2 JC94740-5 9/10/2019 Groundwater	BRMW-2 JD5554-3 4/2/2020 Groundwater	BRMW-2 JD14774-6 10/15/2020 Groundwater	BRMW-2 JD22965-2 3/25/2021 Groundwater	BRMW-2 JD31864-6 9/17/2021 Groundwater	BRMW-2 JD42498-2 4/5/2022 Groundwater	BRMW-2 JD54605-4 10/28/2022 Groundwater	BRMW-2 JD65823-8 5/17/2023 Groundwater	BRMW-3 JC51932-6 9/27/2017 Groundwater	BRMW-3 JC63263-2 3/29/2018 Groundwater	BRMW-3 JC74822-9 9/28/2018 Groundwater	BRMW-3 JC86484-4 4/16/2019 Groundwater	BRMW-3 JC94740-8 9/10/2019 Groundwater	BRMW-3 JD5554-4 4/2/2020 Groundwater	BRMW-3 JD14774-8 10/15/2020 Groundwater	BRMW-3 JD22365-3 3/25/2021 Groundwater	BRMW-3 JD31864-8 9/17/2021 Groundwater	BRMW-3 JD42498-3 4/5/2022 Groundwater	BRMW-3 JD54605-9 10/28/2022 Groundwater	BRMW-3 JD65823-9 5/17/2023 Groundwater	RW-1 JC51932-9 9/27/2017 Groundwater	RW-1 JC63263-3 3/29/2018 Groundwater	RW-1 JC74822-8 9/28/2018 Groundwater	RW-1 JC86484-9 4/16/2019 Groundwater	RW-1 JC94740-6 9/10/2019 Groundwater	RW-1 JD5554-9 4/2/2020 Groundwater	RW-1 JD14774-5 10/15/2020 Groundwater	RW-1 JD22365-9 3/25/2021 Groundwater	RW-1 JD31864-7 9/17/2021 Groundwater	RW-1 JD42498-4 4/5/2022 Groundwater	RW-1 JD54605-6 10/28/2022 Groundwater	RW-1 JD65823-10 5/17/2023 Groundwater
Volatile Organic Compounds																																		
Acetone	-	ND (25)	ND (20)	ND (24)	ND (12)	ND (30)	ND (20)	ND (8.0)	ND (8.0)	ND (3.1) a	ND (12)	ND (12)	ND	ND (5.0)	ND (10)	ND (8.0)	ND (8.0)	ND (12)	ND (6.0)	ND (8.0)	ND (8.0)	ND (3.1) a	ND (3.1)	ND (5.1)	ND	ND (5.0)	ND (5.0)	ND (8.0)	ND (8.0) a	ND (3.1)	ND (8.0)	ND (8.0)	ND (8.0)	ND (8.0)	ND (5.1) a	ND (3.1) a	ND (3.1) a	ND
1,1,1-Trichloroethane	5	ND (1.3)	ND (1.0)	ND (2.1)	ND (1.1)	ND (2.7)	ND (2.7)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (2.1)	ND (2.1)	ND	ND (0.25)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.6)	ND (1.1)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND	ND (0.25)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54) a	ND (0.54)	ND (0.54)	ND
1,1,2,2-Tetrachloroethane	5	ND (0.94)	ND (0.67)	ND (2.6)	ND (1.3)	ND (3.3)	ND (3.3)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (2.6)	ND (2.6)	ND	ND (0.17)	ND (0.34)	ND (0.65)	ND (0.65)	ND (0.13)	ND (1.3)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND	ND (0.17)	ND (0.17)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND
1,1,2-Trichloroethane	1	ND (1.2)	ND (0.66)	ND (2.1)	ND (1.1)	ND (2.7)	ND (2.7)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (2.1)	ND (2.1)	ND	ND (0.24)	ND (0.48)	ND (0.53)	0.55 J	ND (1.1)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND	ND (0.24)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,1-Dichloroethane	5	ND (1.0)	ND (0.83)	ND (2.3)	ND (1.1)	ND (2.8)	ND (2.8)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (2.3)	ND (2.3)	ND	ND (0.21)	ND (0.41)	ND (0.57)	ND (0.57)	ND (1.1)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND	ND (0.21)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND
1,1-Dichloroethene	5	ND (2.4)	ND (1.9)	ND (2.4)	ND (1.2)	ND (3.0)	ND (3.0)	ND (0.59)	0.69 J	0.72 J	ND (0.59)	ND (2.4)	ND (2.4)	ND	ND (0.47)	ND (0.95)	ND (0.59)	0.83 J	ND (1.2)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND	ND (0.47)	ND (0.47)	ND (0.59)	0.68 J	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND
1,2,3-Trichlorobenzene	5	ND (2.5)	ND (2.0)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.0)	ND (2.0)	ND	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND
1,2,4-Trichlorobenzene	5	ND (2.5)	ND (2.0)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.0)	ND (2.0)	ND	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND
1,2-Dibromo-3-chloropropane	0.04	ND (3.4)	ND (2.8)	ND (4.8)	ND (2.4)	ND (6.0)	ND (6.0)	ND (1.2)	ND (1.2)	ND (0.53)	ND (0.53)	ND (2.1)	ND (2.1)	ND	ND (0.69)	ND (1.4)	ND (1.2)	ND (1.2)	ND (2.4)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.53)	ND (0.53)	ND	ND (0.69)	ND (0.69)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,2-Dibromoethane	0.0006	ND (1.1)	ND (0.85)	ND (1.9)	ND (0.95)	ND (2.4)	ND (2.4)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (1.9)	ND (1.9)	ND	ND (0.21)	ND (0.42)	ND (0.48)	ND (0.48)	ND (0.95)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND	ND (0.21)	ND (0.21)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND
1,2-Dichlorobenzene	3	ND (2.5)	ND (2.0)	ND (2.1)	ND (1.1)	ND (2.7)	ND (2.7)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (2.1)	ND (2.1)	ND	ND (0.50)	ND (1.0)	ND (0.53)	ND (0.53)	ND (1.1)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND	ND (0.50)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND
1,2-Dichloroethane	0.6	ND (1.0)	ND (0.80)	ND (2.4)	ND (1.2)	ND (3.0)	ND (3.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (2.4)	ND (2.4)	ND	ND (0.20)	ND (0.40)	ND (0.60)	ND (0.60)	ND (1.2)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	NS a	ND (0.20)	ND (0.20)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60) a	ND (0.60)	ND (0.60)	ND
1,2-Dichloropropane	1	ND (1.2)	ND (0.94)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (2.0)	ND (2.0)	ND	ND (0.24)	ND (0.47)	ND (0.51)	ND (0.51)	ND (1.0)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND	ND (0.24)	ND (0.24)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
1,3-Dichlorobenzene	3	ND (2.5)	ND (2.0)	ND (2.2)	ND (1.1)	ND (2.7)	ND (2.7)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (2.2)	ND (2.2)	ND	ND (0.50)	ND (1.0)	ND (0.54)	ND (0.54)	ND (1.1)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND	ND (0.50)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND
1,4-Dichlorobenzene	3	ND (2.5)	ND (2.0)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (2.0)	ND (2.0)	ND	ND (0.50)	ND (1.0)	ND (0.51)	ND (0.51)	ND (1.0)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND	ND (0.50)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
1,4-Dioxane	-	ND (260)	ND (210)	ND (280)	ND (140)	ND (350)	ND (350)	ND (69)	ND (69)	ND (19) b	ND (77)	ND (77)	ND	ND (52)	ND (100)	ND (69)	ND (69)	ND (140)	ND (69)	ND (69)	ND (69)	ND (19) b	ND (19)	ND (19)	ND	ND (52)	ND (52)	ND (69)	ND (69)	ND (69)	ND (69)	ND (69)	ND (19) a	ND (19)	ND (19)	ND (19)	ND
2-Butanone (MEK)	-	ND (24)	ND (19)	ND (27)	ND (14)	ND (34)	ND (34)	ND (8.9)	ND (8.9) a	ND (6.9)	ND (27)	ND (11)	ND	ND (4.8)	ND (9.5)	ND (8.9)	ND (8.9)	ND (14)	ND (6.9)	ND (8.9)	ND (8.9)	ND (6.9) a	ND (2.7)	ND	ND (4.8)	ND (4.8)	ND (8.9) a	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (8.9)	ND (2.7)	ND
2-Hexanone	-	ND (16)	ND (13)	ND (8.1)	ND (4.1)	ND (10)	ND (10)	ND (2.0)	ND (2.0)	ND (2.0) a	ND (8.1)	ND (8.1)	ND	ND (3.3)	ND (6.5)	ND (2.0)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0) a	ND (2.0)	ND (2.0)	ND	ND (3.3)	ND (3.3)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND
4-Methyl-2-pentanone/MIBK)	-	ND (15)	ND (12)	ND (7.4)	ND (3.7)	ND (9.3)	ND (9.3)	ND (1.9)	ND (1.9)	ND (1.9)	ND (7.4)	ND (7.4)	ND	ND (3.0)	ND (6.0)	ND (1.9)	ND (1.9)	ND (3.7)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND	ND (3.0)	ND (3.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND
Benzene	1	ND (0.87)	ND (0.70)	ND (1.7)	ND (0.85)	ND (2.1)	ND (2.1)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND	ND (0.17)	ND (0.35)	ND (0.43)	ND (0.43)	ND (0.85)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND	ND (0.17)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND
Bromochloromethane	5	ND (1.9)	ND (1.5)	ND (1.9)	ND (0.96)	ND (2.4)	ND (2.4)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (1.9)	ND (1.9)	ND	ND (0.38)	ND (0.77)	ND (0.48)	ND (0.48)	ND (0.96)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND	ND (0.38)	ND (0.38)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND
Bromodichloromethane	-	ND (1.1)	ND (0.87)	ND (2.3)	ND (1.2)	ND (2.9)	ND (2.9)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1.8)	ND (1.8)	ND	ND (0.22)	ND (0.43)	ND (0.58)	ND (0.58)	ND (1.2)	ND (0.58)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND	ND (0.22)	ND (0.22)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND
Bromoform	-	ND (2.1)	ND (1.7)	ND (2.5)	ND (1.3)	ND (3.2)	ND (3.2)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (2.5)	ND (2.5)	ND	ND (0.42)	ND (0.85)	ND (0.63)	ND (0.63)	ND (1.3)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND	ND (0.42)	ND (0.42)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND (0.63)	ND
Bromomethane	5	ND (6.9)	ND (5.5)	ND (6.6)	ND (3.3) a	ND (8.2)	ND (8.2)	ND (1.6)	ND (1.6)	ND (1.6)	ND (6.6)	ND (6.6)	ND	ND (1.4)	ND (2.7)	ND (1.6)	ND (1.6)	ND (3.3) a	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND b	ND (1.4)	ND (1.4)	ND (1.6)	ND (1.6) a	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)	ND
Carbon disulfide	60	ND (1.2)	ND (2.0)	ND (3.8)	ND (1.9)	ND (4.8)	ND (4.8)	ND (0.46)	ND (0.46)	ND (0.46)	ND (1.8)	ND (1.8)	ND	ND (0.23)	ND (1.0)	ND (0.95)	ND (0.95)	ND (1.9)	ND (0.95)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND	ND (0.23)	ND (0.50)	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND (0.46)	ND
Carbon tetrachloride	5	ND (1.7)	ND (1.3)	ND (2.2)	ND (1.1)	ND (2.8)	ND (2.8)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (2.2)	ND (2.2)	ND	ND (0.34)	ND (0.67)	ND (0.55)	ND (0.55)	ND (1.1)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND	ND (0.34)	ND (0.34)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)	ND
Chlorobenzene	5	ND (1.2)	ND (0.95)	ND (2.2)	ND (1.1)	ND (2.8)	ND (2.8)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (2.2)	ND (2.2)	ND	ND (0.24)	ND (0.48)	ND (0.56)	ND (0.56)	ND (1.1)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND	ND (0.24)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND
Chloroethane	5	ND (3.0)	ND (2.4)	ND (2.9)	ND (1.5)	ND (3.6)	ND (3.6)	ND (0.73)	ND (0.73) b	ND (0.73)	ND (2.9)	ND (2.9)	ND	ND (0.59)	ND (1.2)	ND (0.73)	ND (0.73)	ND (1.5)	ND (0.73)	ND (0.73)	ND (0.73) b	ND (0.73)	ND (0.73)	ND (0.73)	ND	ND (0.59)	ND (0.59)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND
Chloroform	7	ND (1.4)	ND (1.1)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.0)	ND (2.0)	ND	0.33 J	ND (0.57)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND	ND (0.29)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	2.1	3.1	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50) b	ND
Chloromethane	5	ND (2.7)	ND (2.1)	ND (3.0)	ND (1.5)	ND (3.8)	ND (3.8)	ND (0.76)	ND (0.76)	ND (0.76)	ND (3.0)	ND (3.0)	ND	ND (0.53)	ND (1.1)	ND (0.76)	ND (0.76) a	ND (1.5)	ND (0.76)	ND (0.76)	ND (0.76) a	ND (0.76)	ND (0.76)	ND (0.76)	ND	ND (0.53)	ND (0.53)	ND (0.76)	ND (0.76) a	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND
cis-1,2-Dichloroethene	5	**11.9**	**7.6**	**16.3**	**13.1**	**23**	**21.1**	**16**	**24.8**	**20**	**38.7**	**20.1**	**25.4**	4.7	**18.9**	**5.4**	**9.9**	**16.7**	**22.2**	**15.5**	**19**	**15.4**	**13.2**	**12.4**	**12.6**	**19.9**	**8.8**	**11.6**	**108**	**354**	**73.8**	**74.8**	**92.6**	**49.1**	**58.8**	**177**	**51**
cis-1,3-Dichloropropene	-	ND (1.3)	ND (1.0)	ND (1.9)	ND (0.94)	ND (2.4)	ND (2.4)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (1.9)	ND (1.9)	ND	ND (0.25)	ND (0.50)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.94)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND	ND (0.25)	ND (0.25)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND
Cyclohexane	-	ND (3.2)	ND (2.5)	ND (3.1)	ND (1.6)	ND (3.9)	ND (3.9)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (3.1)	ND (3.1)	ND	ND (0.63)	ND (1.3)	ND (0.78)	ND (0.78)	ND (1.6)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND	ND (0.63)	ND (0.63)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND
Dibromochloromethane	-	ND (0.82)	ND (0.66)	ND (2.2)	ND (1.1)	ND (2.8)	ND (2.8)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (2.2)	ND (2.2)	ND	ND (0.16)	ND (0.33)	ND (0.56)	ND (0.56)	ND (1.1)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND	ND (0.16)	ND (0.16)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND
Dichlorodifluoromethane	5	ND (9.3)	ND (7.4)	ND (5.4)	ND (2.7) a	ND (6.8)	ND (6.8)	ND (1.4)	ND (1.4)	ND (0.56) a	ND (2.2)	ND (2.2)	ND	ND (1.9)	ND (3.7)	ND (1.4)	ND (1.4) a	ND (2.7)	ND (1.4)	ND (1.4)	ND (1.4)	ND (0.56) a	ND (0.56)	ND (0.56) a	ND	ND (1.9)	ND (1.9)	ND (1.4)	ND (1.4) a	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (0.56) a	ND
Ethylbenzene	5	ND (1.1)	ND (0.90)	ND (2.4)	ND (1.2)	ND (3.0)	ND (3.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (2.4)	ND (2.4)	ND	ND (0.22)	ND (0.45)	ND (0.60)	ND (0.60)	ND (1.2)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND	ND (0.22)	ND (0.22)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND
Freon 113	5	ND (6.2)	ND (4.9)	ND (7.8)	ND (3.9)	ND (9.7)	ND (9.7)	ND (1.9)	ND (1.9)	ND (0.58)	ND (2.3)	ND (2.3)	ND	ND (1.2)	ND (2.5)	ND (1.9)	ND (1.9)	ND (3.9) b	ND (1.9)	ND (1.9)	ND (1.9)	ND (0.58)	ND (0.58)	ND (0.58)	ND	ND (1.2)	ND (1.2)	ND (1.9)	ND (1.9) b	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (0.58)	ND (0.58)	ND (0.58)	ND
Isopropylbenzene	5	ND (1.3)	ND (1.0)	ND (2.6)	ND (1.3)	ND (3.2)	ND (3.2)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (2.6)	ND (2.6)	ND	ND (0.25)	ND (0.50)	ND (0.65)	ND (0.65)	ND (1.3)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND	ND (0.25)	ND (0.25)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND (0.65)	ND
m,p-Xylene	-	ND (2.1)	ND (1.7)	ND (3.1)	ND (1.6)	ND (3.9)	ND (3.9)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (3.1)	ND (3.1)	ND	ND (0.43)	ND (0.85)	ND (0.78)	ND (0.78)	ND (1.6)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND	ND (0.43)	ND (0.43)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND
Methyl Acetate	-	ND (15)	ND (12)	ND (3.2)	ND (1.6)	ND (4.0)	ND (4.0)	ND (0.80)	ND (0.80)	ND (0.80) a	ND (3.2)	ND (3.2)	ND	ND (3.1)	ND (6.1)	ND (0.80)	ND (0.80)	ND (1.6)	ND (0.80)	ND (0.80)	ND (0.80) a	ND (0.80) a	ND (0.80) a	ND (0.80) a	ND	ND (3.1)	ND (3.1)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80) a	ND (0.80) a	ND (0.80) a	ND
Methyl Tert Butyl Ether	10	ND (1.3)	ND (1.0)	ND (2.0)	ND (1.0)	ND (2.5)	ND (2.5)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (2.0)	ND (2.0)	ND	ND (0.25)	ND (0.50)	ND (0.51)	ND (0.51)	ND (1.0)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND	ND (0.25)	ND (0.25)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND
Methylcyclohexane	-	ND (9.2)	ND (7.4)	ND (2.4)	ND (1.2)	ND (3.0)	ND (3.0)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (2.4)	ND (2.4)	ND	ND (1.8)	ND (3.7)	ND (0.60)	ND (0.60)	ND (1.2)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND	ND (1.8)	ND (1.8)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND
Methylene chloride	5	ND (5.0)	ND (4.0)	ND (4.0)	ND (2.0)	ND (5.0)	ND (5.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (4.0)	ND (4.0)	ND	ND (1.0)	ND (2.0)	ND (1.0)	ND (1.0)	ND (2.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND
o-Xylene	5	ND (1.1)	ND (0.88)	ND (2.4)	ND (1.2)	ND (3.0)	ND (3.0)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (2.4)	ND (2.4)	ND	ND (0.22)	ND (0.43)	ND (0.59)	ND (0.59)	ND (1.2)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND	ND (0.22)	ND (0.22)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND
Styrene	5	ND (1.2)	ND (0.97)	ND (2.8)	ND (1.4)	ND (3.5)	ND (3.5)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND (1.9)	ND (1.9)	ND	ND (0.24)	ND (0.48)	ND (0.70)	ND (0.70)	ND (1.4)	ND (0.70)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND	ND (0.24)	ND (0.24)	ND (0.70)	ND (0.70)	ND (0.70)	ND (0.70)	ND (0.70)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND
Tetrachloroethene	5	**1060**	**1330**	**1340**	**895**	**1220**	**713**	**498**	**497**	**1040**	**559**	**974**	**712**	**435**	**724**	**425**	**587**	**571**	**583**	**349**	**277**	**376**	**304**	**353**	**412**	**404**	**311**	**171**	**105**	**149**	**55.1**	**56.1**	**44.6**	**94.5**	**40.1**	**45.6**	**24.8**
Toluene	5	ND (1.2)	ND (0.99)	ND (2.1)	ND (1.1)	ND (2.7)	ND (2.7)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (2.1)	ND (2.0)	ND	ND (0.25)	ND (0.50)	ND (0.53)	ND (0.53)	ND (1.1)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.49)	ND	ND (0.25)	ND (0.25)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.49)	ND
trans-1,2-Dichloroethene	5	ND (2.0)	ND (1.6)	ND (2.1)	ND (1.1)	ND (2.7)	ND (2.7)	2.1	2.1	2.7	3.0 J	ND (2.1)	3.4 J	1.1	1.2 J	1.5	1.9	1.5 J	1.9	1.7	1.7	1.9	1.6	2.3	2.4	ND (0.40)	ND (0.40)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND
trans-1,3-Dichloropropene	-	ND (1.1)	ND (0.86)	ND (1.7)	ND (0.86)	ND (2.2)	ND (2.2)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND	ND (0.22)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.86)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND	ND (0.22)	ND (0.22)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND
Trichloroethene	5	**106**	**115**	**121**	**78**	**176**	**93.6**	**78**	**104**	**127**	**64.6**	**114**	**69.4**	**33.2**	**64.3**	**57.4**	**86.6**	**141**	**112**	**69.6**	**64.6**	**79.4**	**53.2**	**61.2**	**54.6**	**19.3**	**13.4**	**10.4**	**5.5**	**11**	1.7	2.7	2.3	**10.4**	2.2	2.1	0.83 J
Trichlorofluoromethane	5	ND (3.0)	ND (2.4)	ND (3.3)	ND (1.7)	ND (4.2)	ND (4.2)	ND (0.40)	ND (0.40)	ND (0.40)	ND (1.6)	ND (1.6)	ND	ND (0.60)	ND (1.2)	ND (0.84)	ND (0.84) a	ND (1.7)	ND (0.84)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND	ND (0.60)	ND (0.60)	ND (0.84)	ND (0.84) a	ND (0.84)	ND (0.84)	ND (0.84)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND
Vinyl chloride	2	ND (3.1)	ND (2.5)	ND (3.1)	ND (1.6) a	ND (3.9)	ND (3.9)	ND (0.79)	ND (0.79)	ND (0.79)	ND (3.1)	ND (2.1)	ND	ND (0.62)	ND (1.2)	ND (0.79)	ND (0.79) a	ND (1.6)	ND (0.79)	ND (0.79)	ND (0.79

Figures

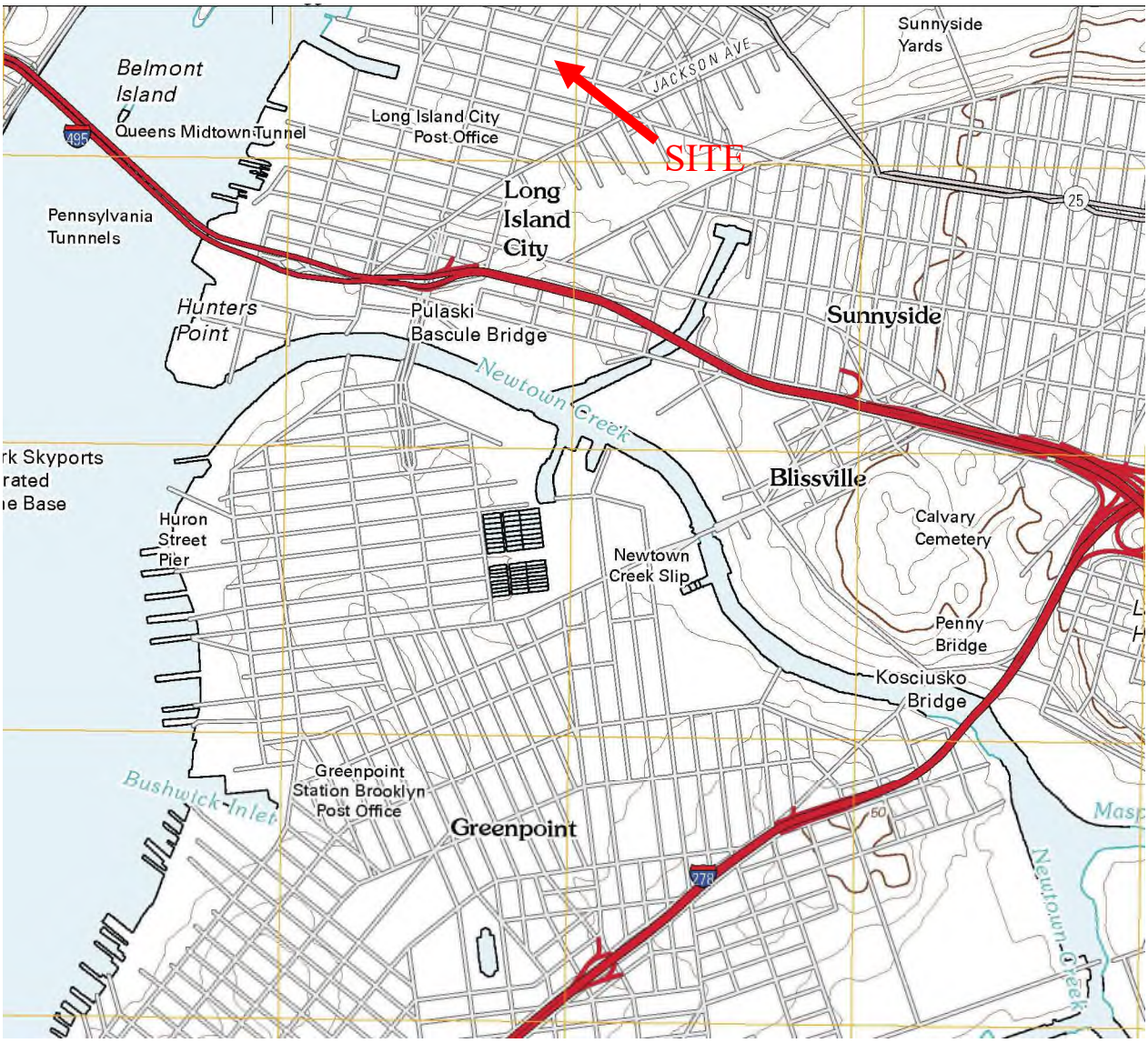
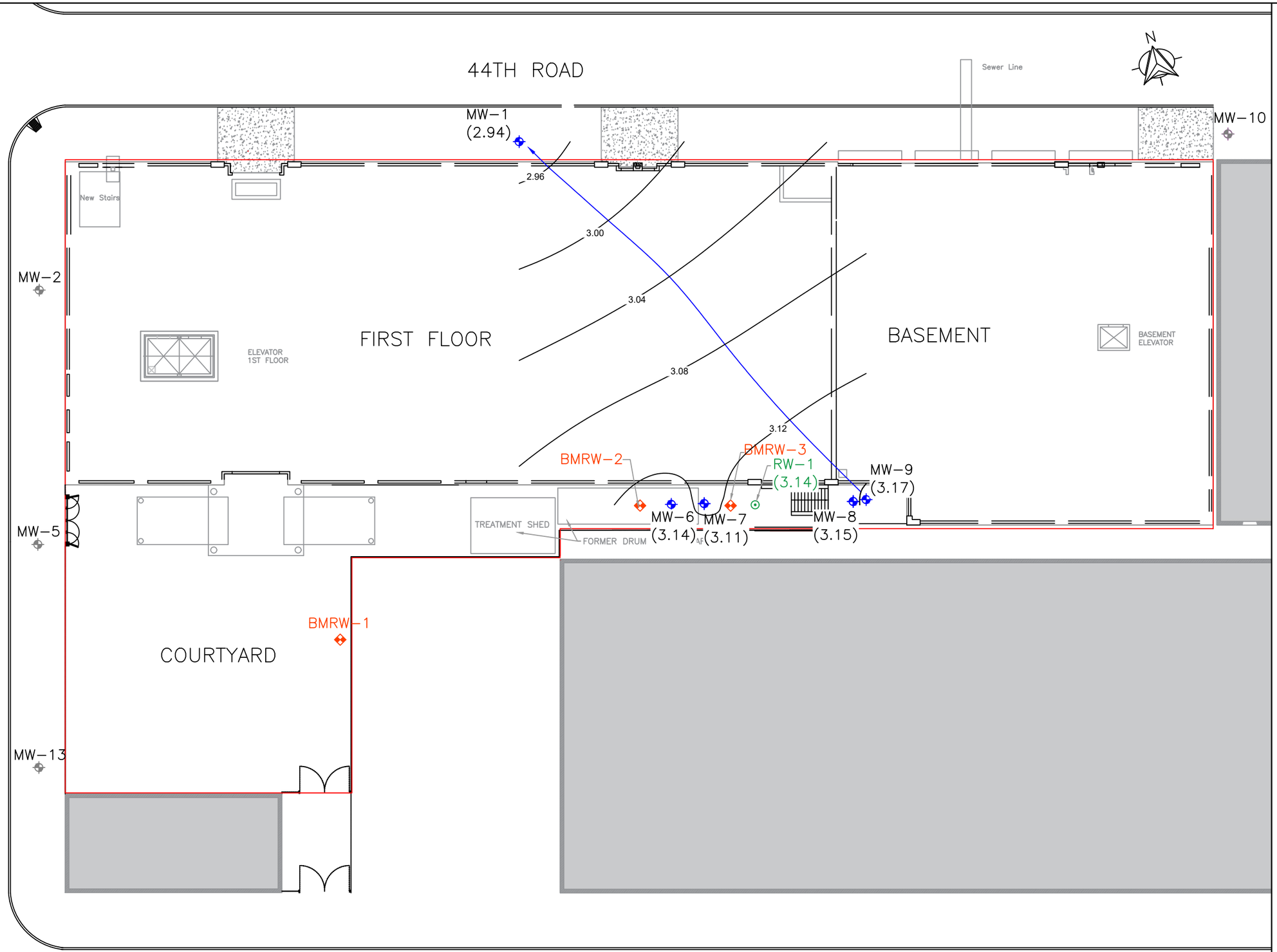


Figure 1: Site Location

Site: Information Technology High School
21-16 44th Road
Long Island City, New York

Client: Bell Realty

Environmental Management & Consulting
158 West 29th Street, New York, NY 10001



Fleming Lee Shue

158 West 29th Street, 9th Fl.
New York, NY 10001

21-16 44th Road
Long Island City, NY

Figure 2

Overburden Groundwater Contour

May 2023

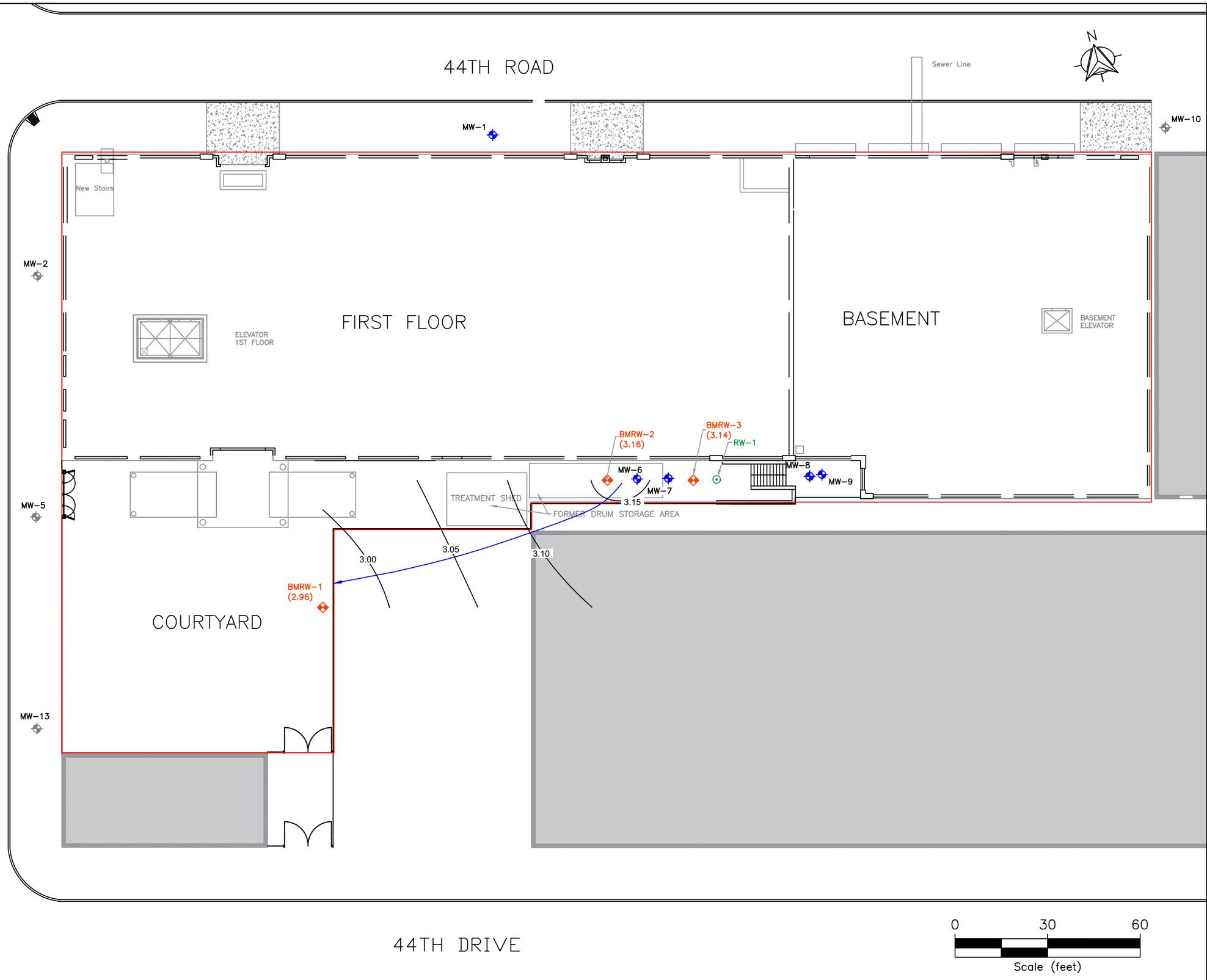
Project Number
10012-006

LEGEND

- MW-1 — Monitoring well
- RW-1 — Recovery well
- BRMW-1 — Bedrock monitoring well
- MW-2 — Abandoned monitoring well

Notes: Current sampling plan includes recovery and bedrock monitoring wells.

FILE: P:\10012 - Bell Realty\006 - Info Tech Highschool\Figures\GW Sampling\2023Q2\Overburden contour\Overburden Contour Map - May 2023.dwg DATE: 6/5/2023



FILE: P:\10012 - Bell Realty\006 - Info Tech Highschool\Figures\GW Sampling\2023Q2\Bedrock contour\Bedrock Contour Map - May 2023.dwg DATE: 6/5/2023

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21-16 44th Road
Long Island City, NY

Figure 3

Bedrock Groundwater Contour

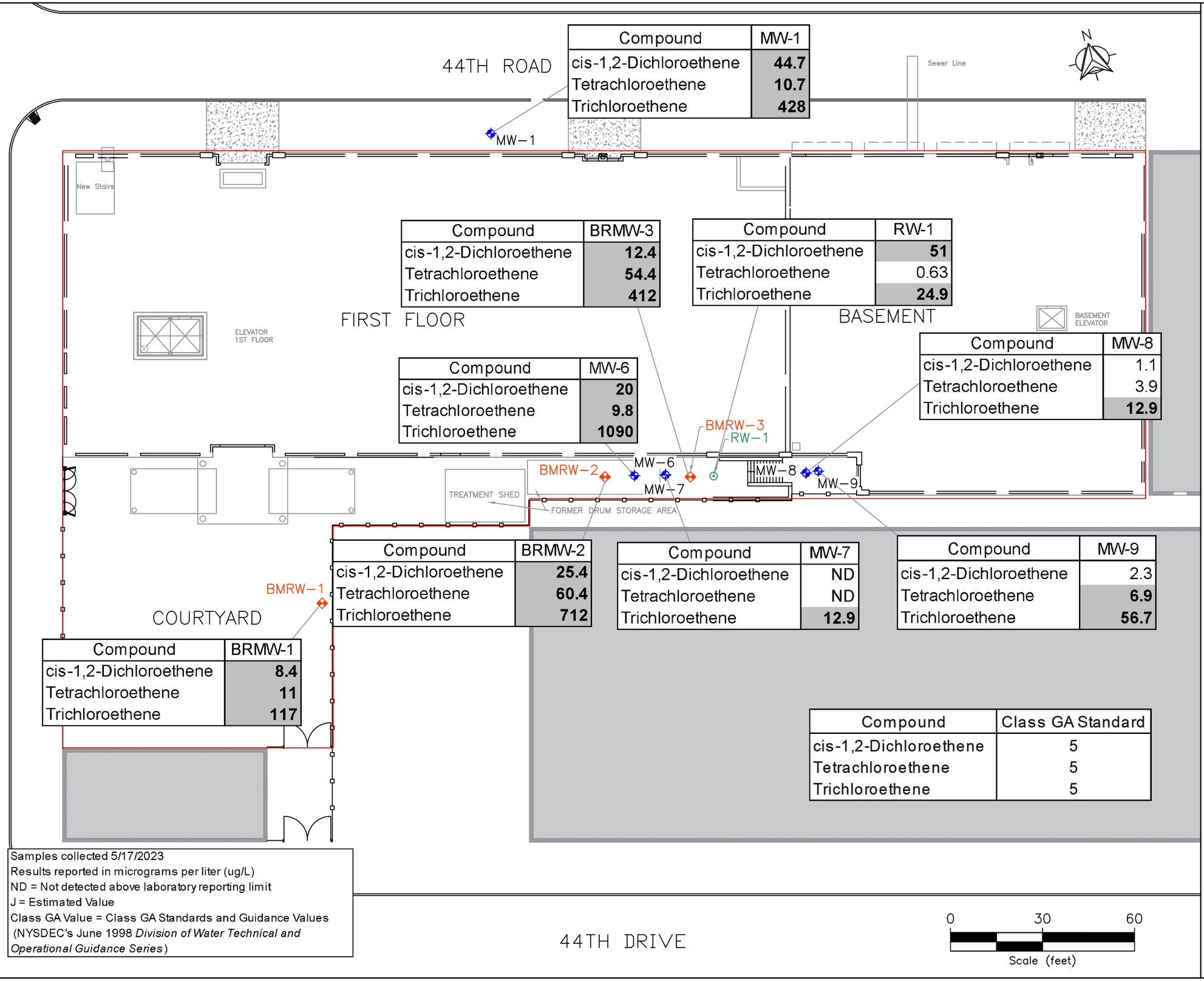
May 2023

Project Number
10012-006

LEGEND

- MW-1 — Monitoring well
- RW-1 — Recovery well
- BRMW-1 — Bedrock monitoring well
- MW-2 — Abandoned monitoring well

Notes: Current sampling plan includes recovery and bedrock monitoring wells.



Compound	MW-1
cis-1,2-Dichloroethene	**44.7**
Tetrachloroethene	**10.7**
Trichloroethene	**428**

Compound	BRMW-3
cis-1,2-Dichloroethene	**12.4**
Tetrachloroethene	**54.4**
Trichloroethene	**412**

Compound	RW-1
cis-1,2-Dichloroethene	**51**
Tetrachloroethene	0.63
Trichloroethene	**24.9**

Compound	MW-6
cis-1,2-Dichloroethene	**20**
Tetrachloroethene	**9.8**
Trichloroethene	**1090**

Compound	MW-8
cis-1,2-Dichloroethene	1.1
Tetrachloroethene	3.9
Trichloroethene	**12.9**

Compound	BRMW-2
cis-1,2-Dichloroethene	**25.4**
Tetrachloroethene	**60.4**
Trichloroethene	**712**

Compound	MW-7
cis-1,2-Dichloroethene	ND
Tetrachloroethene	ND
Trichloroethene	**12.9**

Compound	MW-9
cis-1,2-Dichloroethene	2.3
Tetrachloroethene	**6.9**
Trichloroethene	**56.7**

Compound	BRMW-1
cis-1,2-Dichloroethene	**8.4**
Tetrachloroethene	**11**
Trichloroethene	**117**

Compound	Class GA Standard
cis-1,2-Dichloroethene	5
Tetrachloroethene	5
Trichloroethene	5

Samples collected 5/17/2023
Results reported in micrograms per liter (ug/L)
ND = Not detected above laboratory reporting limit
J = Estimated Value
Class GA Value = Class GA Standards and Guidance Values (NYSDEC's June 1998 *Division of Water Technical and Operational Guidance Series*)

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New York, NY 10001

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Long Island City, NY

Figure 4

VOC Concentrations in Groundwater

May 2023

Project Number
10012-006

LEGEND

- MW-1 — Monitoring well
- RW-1 — Recovery well
- BRMW-1 — Bedrock monitoring well

FILE: P:\10012 - Bell Realty\006 - Info Tech Highschool\Figures\GW Sampling\2023Q2\4 - Site Plan with GW Results.dwg DATE: 6/5/2023

Appendix A

Monitoring Well Purge Logs

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158 West 29th Street, 9Fl. , New York, New York 10001
http://www.flemingleeshue.com

WELL PURGE LOG

Project: **Info Tech High School**

DUP collected here

Monitoring Well: MW-1 | Well Volume: 1.02 gal | Initial Depth To Water 13.73 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.62 gal | Depth to Product: - ft-btc

Time Pump On: 8:40 | Average Purge Rate: 291.70 mL/min | Total Depth: 20.00 ft-btc

Time of Sample Collection: 9:10 | Purge Method: - | Water Column: - ft

Time Pump Off: 9:14 | PID Reading : 0.0 ppm | Well Diameter: 2 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (°C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
8:40	0				16.57	6.04	227	2.70	17.2	3.94	1.73	0.14	no color / no odor
8:45	5				16.29	6.68	237	2.71	1.7	1.85	1.73	0.14	no color / no odor
8:50	10				16.22	6.73	245	2.72	0.8	1.69	1.74	0.14	no color / no odor
8:55	15				16.22	6.76	254	2.71	1.00	1.44	1.74	0.14	no color / no odor
9:00	20				16.21	6.76	254	2.73	1.60	1.50	1.75	0.14	no color / no odor
9:05	25				16.22	6.75	257	2.74	1.60	1.47	1.76	0.14	no color / no odor
9:10	30				16.21	6.75	256	2.74	1.90	1.48	1.75	0.14	no color / no odor

Allowable Fluctuations: 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
°C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^2*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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http://www.flemingleeshue.com

WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well: MW-6 | Well Volume: 7.55 gal | Initial Depth To Water 14.15 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.52 gal | Depth to Product: - ft-btc

Time Pump On: 11:00 | Average Purge Rate: 353.30 mL/min | Total Depth: 25.71 ft-btc

Time of Sample Collection: 11:25 | Purge Method: Peristaltic | Water Column: 11.56 ft

Time Pump Off: 11:27 | PID Reading : 17.5 ppm | Well Diameter: 4 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
11:00	0				18.25	7.06	222	2.73	0.8	4.46	1.75	0.14	-
11:05	5				17.50	6.87	236	2.68	0.0	3.58	1.71	0.14	no odor / no color
11:10	10				17.41	6.82	247	2.66	0.0	3.60	1.70	0.14	no odor / no color
11:15	15				17.45	6.81	252	2.66	0.1	3.27	1.70	0.14	no odor / no color
11:20	20				17.46	6.81	255	2.66	0.0	3.23	1.70	0.14	no odor / no color
11:25	25				17.46	6.80	258	2.66	0.0	3.21	1.70	0.14	no odor / no color
Allowable Fluctuations:					3%	±0.1	±10 mV	3%	10% if >5 NTU 3 rounds if <5	10% if >0.5 mg/L 3 rounds if <0.5			

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well:	MW-7	Well Volume:	4.77 gal	Initial Depth To Water	14.08 ft-btc
Date:	5/17/2023	Total Gallons Purged:	2.25 gal	Depth to Product:	- ft-btc
Time Pump On:	11:35	Average Purge Rate:	230.19 mL/min	Total Depth:	21.39 ft-btc
Time of Sample Collection:	12:10	Purge Method:	Peristaltic	Water Column:	7.31 ft
Time Pump Off:	12:12	PID Reading :	0.0 ppm	Well Diameter:	4 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
11:35	0				17.77	7.62	222	0.378	0.0	6.14	0.242	0.02	no odor / no color
11:40	5				17.47	8.14	232	0.297	0.0	5.70	0.19	0.01	no odor / no color
11:45	10				17.48	8.28	244	0.288	0.0	5.63	0.187	0.01	no odor / no color
11:50	15				17.40	8.35	251	0.282	0.0	5.67	0.183	0.01	no odor / no color
11:55	20				17.39	8.38	255	0.280	0.0	5.59	0.182	0.01	no odor / no color
12:00	25				17.36	8.40	259	0.277	0.0	5.49	0.180	0.01	no odor / no color
12:05	30				17.40	8.41	263	0.278	0.0	5.52	0.181	0.01	no odor / no color
12:10	35				17.38	8.41	265	0.277	0.0	5.40	0.180	0.01	no odor / no color
Allowable Fluctuations:					3%	±0.1	±10 mV	3%	10% if >5 NTU 3 rounds if <5	10% if >0.5 mg/L 3 rounds if <0.5			

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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http://www.flemingleeshue.com

WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well: MW-8 | Well Volume: 6.07 gal | Initial Depth To Water 5.72 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.52 gal | Depth to Product: - ft-btc

Time Pump On: 9:15 | Average Purge Rate: 232.66 mL/min | Total Depth: 15.02 ft-btc

Time of Sample Collection: 9:55 | Purge Method: Peristaltic | Water Column: 9.3 ft

Time Pump Off: 9:57 | PID Reading : 0.0 ppm | Well Diameter: 4 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
9:15	0				17.49	6.41	186	0.001	136.0	7.59	0.001	0.00	-
9:20	5				17.07	7.48	216	0.802	0.0	4.06	0.510	0.39	no odor / no color
9:25	10				17.05	7.50	217	0.729	0.0	2.94	0.466	0.35	no odor / no color
9:30	15				17.04	7.42	223	0.774	0.0	2.95	0.497	0.38	no odor / no color
9:35	20				17.03	7.36	226	0.830	0.0	2.96	0.532	0.41	no odor / no color
9:40	25				17.05	7.31	230	0.967	0.0	2.81	0.582	0.45	no odor / no color
9:45	30				17.04	7.29	230	0.969	0.0	2.72	0.621	0.48	no odor / no color
9:50	35				17.04	7.25	234	0.964	0.0	2.65	0.668	0.51	no odor / no color

Notes: **Allowable Fluctuations:** 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well: MW-9 | Well Volume: 6.61 gal | Initial Depth To Water 5.74 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.75 gal | Depth to Product: - ft-btc

Time Pump On: 8:25 | Average Purge Rate: 281.35 mL/min | Total Depth: 15.86 ft-btc

Time of Sample Collection: 9:05 | Purge Method: Peristaltic | Water Column: 10.12 ft

Time Pump Off: 9:07 | PID Reading : 1.9 ppm | Well Diameter: 4 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
8:25	0				20.41	4.25	305	0.001	135.0	9.62	0.001	0.00	-
8:30	5				17.06	6.97	238	2.28	0.0	4.76	1.46	1.16	no odor / no color
8:35	10				17.01	7.05	239	2.26	0.0	4.22	1.45	1.16	no odor / no color
8:40	15				16.98	7.13	241	2.26	0.0	3.83	1.45	1.16	no odor / no color
8:45	20				17.12	7.01	255	2.40	0.0	3.89	1.54	1.23	no odor / no color
8:50	25				17.14	7.00	255	2.68	0.0	3.31	1.59	1.28	no odor / no color
8:55	30				17.21	6.98	248	2.68	0.0	3.25	1.65	1.33	no odor / no color
9:00	35				17.23	6.95	253	2.65	0.0	3.23	1.70	1.37	no odor / no color

Allowable Fluctuations: 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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WELL PURGE LOG

Project: **Queens Plaza**

Monitoring Well: BRMW-1 | Well Volume: 1.98 gal | Initial Depth To Water 13.9 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.72 gal | Depth to Product: - ft-btc

Time Pump On: 9:30 | Average Purge Rate: 321.76 mL/min | Total Depth: 26.06 ft-btc

Time of Sample Collection: 10:00 | Purge Method: Peristaltic | Water Column: 12.16 ft

Time Pump Off: 10:02 | PID Reading : 0.5 ppm | Well Diameter: 2 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (°C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
9:30	0				16.16	6.88	229	2.64	2.6	1.80	1.69	0.14	no odor / no color
9:35	5				16.39	6.80	229	2.63	1.1	1.37	1.69	0.14	no odor / no color
9:40	10				16.51	6.80	228	2.61	4.3	0.85	1.67	0.13	no odor / no color
9:45	15				16.58	6.77	228	2.59	1.0	0.41	1.66	0.13	no odor / no color
9:50	20				16.66	6.74	228	2.58	1.0	0.26	1.65	0.13	no odor / no color
9:55	25				16.70	6.73	226	2.56	1.2	0.06	1.64	0.13	no odor / no color
10:00	30				16.74	6.73	225	2.55	1.1	0.00	1.63	0.13	no odor / no color

Allowable Fluctuations: 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
°C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^2*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

Fleming Lee Shue

Environmental Management & Consulting
158 West 29th Street, 9Fl. , New York, New York 10001
http://www.flemingleeshue.com

WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well:	BMRW-2	Well Volume:	3.07 gal	Initial Depth To Water	13.74 ft-btc
Date:	5/17/2023	Total Gallons Purged:	3.22 gal	Depth to Product:	- ft-btc
Time Pump On:	10:12	Average Purge Rate:	329.43 mL/min	Total Depth:	32.58 ft-btc
Time of Sample Collection:	10:47	Purge Method:	Peristaltic	Water Column:	18.84 ft
Time Pump Off:	10:49	PID Reading :	104.8 ppm	Well Diameter:	2 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
10:12	0				16.37	7.08	209	3.21	9.1	2.50	2.05	0.17	no odor / no color
10:17	5				16.80	6.92	217	3.31	1.6	0.96	2.12	0.17	no odor / no color
10:22	10				17.29	6.89	231	3.34	0.9	0.88	2.14	0.17	no odor / no color
10:27	15				17.33	6.89	236	3.34	1.0	0.83	2.14	0.17	no odor / no color
10:32	20				17.44	6.88	244	3.36	0.8	0.57	2.15	0.18	no odor / no color
10:37	25				17.56	6.88	249	3.36	0.6	0.45	2.15	0.18	no odor / no color
10:42	30				17.58	6.87	248	3.35	0.7	0.29	2.15	0.18	no odor / no color
10:47	35				17.61	6.87	247	3.35	0.7	0.22	2.14	0.17	no odor / no color

Notes: **Allowable Fluctuations:** 3% ±0.1 ±10 mV 3% 10% if >5 NTU 10% if >0.5 mg/L; 3 rounds if <5 3 rounds if <0.5

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

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WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well: BMRW-3 | Well Volume: 2.41 gal | Initial Depth To Water 13.78 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.52 gal | Depth to Product: - ft-btc

Time Pump On: 11:10 | Average Purge Rate: 227.12 mL/min | Total Depth: 28.56 ft-btc

Time of Sample Collection: 11:50 | Purge Method: Peristaltic | Water Column: 14.78 ft

Time Pump Off: 11:52 | PID Reading : 4.9 ppm | Well Diameter: 2 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
11:10	0				20.63	7.11	249	0.00	213	7.15	0.00	0.00	no odor / no color
11:15	5				17.65	6.92	256	3.53	0.0	2.22	2.26	1.85	no odor / no color
11:20	10				17.90	6.84	263	3.54	0.0	1.69	2.27	1.86	no odor / no color
11:25	15				17.95	6.82	263	3.54	0.0	1.38	2.26	1.85	no odor / no color
11:30	20				17.92	6.82	261	3.53	0.0	0.99	2.26	1.85	no odor / no color
11:35	25				17.97	6.80	259	3.52	0.0	0.71	2.25	1.85	no odor / no color
11:40	30				18.03	6.79	257	3.51	0.0	0.69	2.25	1.84	no odor / no color
11:45	35				18.01	6.79	256	3.51	0.0	0.68	2.25	1.84	no odor / no color

Allowable Fluctuations: 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

Fleming Lee Shue

Environmental Management & Consulting
158 West 29th Street, 9Fl. , New York, New York 10001
http://www.flemingleeshue.com

WELL PURGE LOG

Project: **Info Tech High School**

Monitoring Well: RW-1 | Well Volume: 22.93 gal | Initial Depth To Water 13.03 ft-btc

Date: 5/17/2023 | Total Gallons Purged: 2.52 gal | Depth to Product: - ft-btc

Time Pump On: 10:15 | Average Purge Rate: 227.12 mL/min | Total Depth: 21.81 ft-btc

Time of Sample Collection: 10:55 | Purge Method: Peristaltic | Water Column: 8.78 ft

Time Pump Off: 10:57 | PID Reading : 0.0 ppm | Well Diameter: 8 inch

TIME	ELAPSED TIME (min.)	DTW (ft-btc)	Well Volume Purged (gal)	Total Volume Purged (gal)	T (^{o}C)	pH (s.u.)	ORP (mV)	Cond (mS/cm)	Turbidity (NTUs)	D.O. (mg/L)	TDS (g/L)	Sal (ppt)	Odor/Color
10:15	0				17.05	6.61	258	0.000	145.0	8.64	0.000	0.00	-
10:20	5				16.58	7.71	228	0.447	0.6	3.99	0.290	0.21	no odor / no color
10:25	10				16.75	7.72	227	0.433	0.0	3.72	0.282	0.21	no odor / no color
10:30	15				17.01	7.72	225	0.428	0.0	3.68	0.278	0.20	no odor / no color
10:35	20				17.20	7.73	223	0.425	0.0	3.60	0.276	0.20	no odor / no color
10:40	25				16.80	7.72	237	0.418	0.0	3.92	0.272	0.20	no odor / no color
10:45	30				16.82	7.72	246	0.418	0.0	4.10	0.272	0.20	no odor / no color
10:50	35				16.84	7.72	250	0.418	0.0	3.74	0.272	0.20	no odor / no color

Allowable Fluctuations: 3% | ±0.1 | ±10 mV | 3% | 10% if >5 NTU, 3 rounds if <5 | 10% if >0.5 mg/L, 3 rounds if <0.5

Notes:

ppm = parts per million
min = minutes
DTW = depth to water
ft-btc = feet below top of casing
gal = gallons
T = temperature
^{o}C = degrees Celcius
s.u. = standard units
ORP = oxidation reduction potential
mV = millivolts
Cond = conductivity
mS/cm = milliSiemens per centimeter
NTUs = Nephelemetric Turbidity Units
mg/L = milligrams per liter
mL/min = milliliters per minute
TDS = total dissolved solids
g/L = grams per Liter
Sal = salinity
wc = water column

Well Volume (gal) = 5.8752*D^{2}*wc, where D = well diameter (feet)

Well Dia	1"	2"	4"
Multiply wc by	0.041	0.163	0.653

Well Volume Purged (gal) = Average Purge Rate (mL/min) * Time Elapsed * .000264

Appendix B

Laboratory Analytical Data Report

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

e-Hardcopy 2.0
Automated Report

Technical Report for

Fleming-Lee Shue, Inc.

Info Tech High School, 21-16 44th Road, Long Island City, NY

10012; PO# DPC0084

SGS Job Number: JD65823



Sampling Date: 05/17/23

Report to:

Fleming-Lee Shue, Inc.
158 West 29th Street 9th Floor
New York, NY 10001
joel@FlemingLeeShue.com

ATTN: Steve Panter

Total number of pages in report: **1645**

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.

David Chastain
General Manager

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX, UT, VA, WV

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how we can serve you better at:
EHS.US.CustomerCare@sgs.com

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SGS North America Inc.

Sample Summary

Fleming-Lee Shue, Inc.

Job No: JD65823

Info Tech High School, 21-16 44th Road, Long Island City, NY
Project No: 10012; PO# DPC0084

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD65823-1	05/17/23	09:10	BH	05/17/23	AQ	Ground Water	MW-1
JD65823-2	05/17/23	09:10	BH	05/17/23	AQ	Ground Water	MW-1 DUP
JD65823-3	05/17/23	11:25	BH	05/17/23	AQ	Ground Water	MW-6
JD65823-4	05/17/23	12:10	BH	05/17/23	AQ	Ground Water	MW-7
JD65823-5	05/17/23	09:55	JA	05/17/23	AQ	Ground Water	MW-8
JD65823-6	05/17/23	09:05	JA	05/17/23	AQ	Ground Water	MW-9
JD65823-7	05/17/23	10:00	BH	05/17/23	AQ	Ground Water	BRMW-1
JD65823-8	05/17/23	10:47	BH	05/17/23	AQ	Ground Water	BRMW-2
JD65823-9	05/17/23	11:50	JA	05/17/23	AQ	Ground Water	BRMW-3
JD65823-10	05/17/23	10:55	JA	05/17/23	AQ	Ground Water	RW-1
JD65823-11	05/17/23	12:10		05/17/23	AQ	Trip Blank Water	TB-1
JD65823-12	05/17/23	12:00	JA	05/17/23	AQ	Field Blank Water	FB-1

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

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Fleming-Lee Shue, Inc. **Job No:** JD65823

Site: Info Tech High School, 21-16 44th Road, Long Island City, NY **Report Date** 6/1/2023 12:27:32 PM

On 05/17/2023, 10 sample(s), 1 Trip Blank(s), and 1 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.6 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD65823 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:** V1F178

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD65823-1MS, JD65823-1MSD were used as the QC samples indicated.
- JD65823-12 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD65823-11 for 1,4-Dioxane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-12 for 1,4-Dioxane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-4 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD65823-4 for 1,4-Dioxane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-5 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD65823-5 for 1,4-Dioxane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-11 for Chloromethane: Associated CCV outside of control limits high, sample was ND.

Matrix: AQ **Batch ID:** V2R125

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD65823-6MS, JD65823-7DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Bromomethane are outside control limits.
- V2R125-BS for Bromomethane: High percent recovery and no associated positive reported in the QC batch.
- JD65823-6 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.
- JD65823-10 for 1,2-Dichloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-6 for 1,2-Dichloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD65823-7 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.
- JD65823-10 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.
- JD65823-7 for 1,2-Dichloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** VL10808

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VL10808

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD65823-8MS, JD65823-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD65823-3: Dilution required due to high concentration of target compound.
- JD65823-8: Dilution required due to high concentration of target compound.
- VL10808-BS for Xylene (total): Outside of in house control limits, but within the marginal exceedance limits.
- VL10808-BS for o-Xylene: Outside of in house control limits, but within the marginal exceedance limits.

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: JD65823
Account: Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY
Collected: 05/17/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD65823-1	**MW-1**					
cis-1,2-Dichloroethene		35.4	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		418	10	5.6	ug/l	SW846 8260D
Trichloroethene		9.7	1.0	0.53	ug/l	SW846 8260D
JD65823-2	**MW-1 DUP**					
cis-1,2-Dichloroethene		44.7	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		428	10	5.6	ug/l	SW846 8260D
Trichloroethene		10.7	1.0	0.53	ug/l	SW846 8260D
JD65823-3	**MW-6**					
cis-1,2-Dichloroethene [a]		20.0	2.5	1.3	ug/l	SW846 8260D
Tetrachloroethene		1090	10	5.6	ug/l	SW846 8260D
Trichloroethene [a]		9.8	2.5	1.3	ug/l	SW846 8260D
JD65823-4	**MW-7**					
Tetrachloroethene		12.9	1.0	0.56	ug/l	SW846 8260D
JD65823-5	**MW-8**					
cis-1,2-Dichloroethene		1.1	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		42.1	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		3.9	1.0	0.53	ug/l	SW846 8260D
JD65823-6	**MW-9**					
Chloroform		0.51 J	1.0	0.50	ug/l	SW846 8260D
cis-1,2-Dichloroethene		2.3	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		56.7	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		6.9	1.0	0.53	ug/l	SW846 8260D
JD65823-7	**BRMW-1**					
Chlorobenzene		1.9	1.0	0.56	ug/l	SW846 8260D
cis-1,2-Dichloroethene		8.4	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		117	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		11.0	1.0	0.53	ug/l	SW846 8260D
JD65823-8	**BRMW-2**					
cis-1,2-Dichloroethene [a]		25.4	5.0	2.5	ug/l	SW846 8260D

Summary of Hits

Job Number: JD65823
Account: Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY
Collected: 05/17/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
trans-1,2-Dichloroethene [a]		3.4 J	5.0	2.7	ug/l	SW846 8260D
Tetrachloroethene [a]		712	5.0	2.8	ug/l	SW846 8260D
Trichloroethene [a]		60.4	5.0	2.6	ug/l	SW846 8260D
JD65823-9	**BRMW-3**					
cis-1,2-Dichloroethene		12.4	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		2.4	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		412	10	5.6	ug/l	SW846 8260D
Trichloroethene		54.4	1.0	0.53	ug/l	SW846 8260D
JD65823-10	**RW-1**					
cis-1,2-Dichloroethene		51.0	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		24.9	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		0.63 J	1.0	0.53	ug/l	SW846 8260D
JD65823-11	**TB-1**					
No hits reported in this sample.						
JD65823-12	**FB-1**					
No hits reported in this sample.						

(a) Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JD65823-1	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L355930.D	1	05/22/23 13:38	LD	n/a	n/a	VL10808
Run #2	1F5309.D	10	05/19/23 19:15	NW	n/a	n/a	V1F178

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

VOA TCL List (SOM0 1.1)

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	0.46	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	35.4	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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-1		
Lab Sample ID:	JD65823-1	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	418 [a]	10	5.6	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	9.7	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	107%	110%	80-120%
2037-26-5	Toluene-D8	113%	98%	80-120%
460-00-4	4-Bromofluorobenzene	103%	100%	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1 DUP		
Lab Sample ID:	JD65823-2	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L355931.D	1	05/22/23 14:02	LD	n/a	n/a	VL10808
Run #2	1F5301.D	10	05/19/23 15:52	NW	n/a	n/a	V1F178

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

VOA TCL List (SOM0 1.1)

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	0.46	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	44.7	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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-1 DUP		
Lab Sample ID:	JD65823-2	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	428 [a]	10	5.6	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	10.7	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	110%	80-120%
2037-26-5	Toluene-D8	112%	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	99%	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JD65823-3	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L355932.D	2.5	05/22/23 14:25	LD	n/a	n/a	VL10808
Run #2	1F5302.D	10	05/19/23 16:17	NW	n/a	n/a	V1F178

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

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	7.6	ug/l	
71-43-2	Benzene	ND	1.3	1.1	ug/l	
74-97-5	Bromochloromethane	ND	2.5	1.2	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	1.1	ug/l	
75-25-2	Bromoform	ND	2.5	1.6	ug/l	
74-83-9	Bromomethane	ND	5.0	4.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	6.8	ug/l	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/l	
108-90-7	Chlorobenzene	ND	2.5	1.4	ug/l	
75-00-3	Chloroethane	ND	2.5	1.8	ug/l	
67-66-3	Chloroform	ND	2.5	1.3	ug/l	
74-87-3	Chloromethane	ND	2.5	1.9	ug/l	
110-82-7	Cyclohexane	ND	13	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	2.5	1.4	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.5	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	1.4	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	1.5	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.5	1.5	ug/l	
156-59-2	cis-1,2-Dichloroethene	20.0	2.5	1.3	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	1.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.5	1.3	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	310	48	ug/l	
100-41-4	Ethylbenzene	ND	2.5	1.5	ug/l	
76-13-1	Freon 113	ND	13	1.5	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-6		
Lab Sample ID:	JD65823-3	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	13	5.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.5	1.6	ug/l	
79-20-9	Methyl Acetate	ND	13	2.0	ug/l	
108-87-2	Methylcyclohexane	ND	13	1.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	1.3	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	4.6	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/l	
100-42-5	Styrene	ND	2.5	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	1.6	ug/l	
127-18-4	Tetrachloroethene	1090 [b]	10	5.6	ug/l	
108-88-3	Toluene	ND	2.5	1.2	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.5	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	1.3	ug/l	
79-01-6	Trichloroethene	9.8	2.5	1.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	2.5	1.3	ug/l	
	m,p-Xylene	ND	2.5	2.0	ug/l	
95-47-6	o-Xylene	ND	2.5	1.5	ug/l	
1330-20-7	Xylene (total)	ND	2.5	1.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	112%	80-120%
2037-26-5	Toluene-D8	113%	99%	80-120%
460-00-4	4-Bromofluorobenzene	104%	98%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) 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-7		
Lab Sample ID:	JD65823-4	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1F5311.D	1	05/19/23 20:06	NW	n/a	n/a	V1F178
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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	0.46	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 [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	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane [b]	ND	130	19	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	

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-7		
Lab Sample ID:	JD65823-4	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	12.9	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

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-8		
Lab Sample ID:	JD65823-5	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1F5312.D	1	05/19/23 20:31	NW	n/a	n/a	V1F178
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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	0.46	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 [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	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.1	1.0	0.51	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	
123-91-1	1,4-Dioxane [b]	ND	130	19	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	

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-8		
Lab Sample ID:	JD65823-5	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	42.1	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	3.9	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

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-9		
Lab Sample ID:	JD65823-6	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2R03695.D	1	05/23/23 11:58	ED	n/a	n/a	V2R125
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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 [a]	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	0.46	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	0.51	1.0	0.50	ug/l	J
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 [b]	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	2.3	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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-9		
Lab Sample ID:	JD65823-6	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	56.7	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	6.9	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	104%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

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

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:	BRMW-1		
Lab Sample ID:	JD65823-7	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2R03696.D	1	05/23/23 12:23	ED	n/a	n/a	V2R125
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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 [a]	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	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	1.9	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 [b]	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	8.4	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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:	BRMW-1		
Lab Sample ID:	JD65823-7	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	117	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	11.0	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	103%		82-114%

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

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:	BRMW-2		
Lab Sample ID:	JD65823-8	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L355927.D	5	05/22/23 12:29	LD	n/a	n/a	VL10808
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	15	ug/l	
71-43-2	Benzene	ND	2.5	2.1	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.3	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	14	ug/l	
75-15-0	Carbon disulfide	ND	10	2.3	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
110-82-7	Cyclohexane	ND	25	3.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.6	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	2.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	25.4	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.4	5.0	2.7	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
123-91-1	1,4-Dioxane	ND	630	97	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
76-13-1	Freon 113	ND	25	2.9	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:	BRMW-2		
Lab Sample ID:	JD65823-8	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	25	10	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
79-20-9	Methyl Acetate	ND	25	4.0	ug/l	
108-87-2	Methylcyclohexane	ND	25	3.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	9.3	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
100-42-5	Styrene	ND	5.0	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	712	5.0	2.8	ug/l	
108-88-3	Toluene	ND	5.0	2.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	60.4	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.0	ug/l	
75-01-4	Vinyl chloride	ND	5.0	2.6	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		80-120%
2037-26-5	Toluene-D8	111%		80-120%
460-00-4	4-Bromofluorobenzene	103%		82-114%

(a) Dilution required due to high concentration of target compound.

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:	BRMW-3		
Lab Sample ID:	JD65823-9	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L355933.D	1	05/22/23 14:48	LD	n/a	n/a	VL10808
Run #2	L355936.D	10	05/22/23 15:57	LD	n/a	n/a	VL10808

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

VOA TCL List (SOM0 1.1)

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	0.46	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	12.4	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.4	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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:	BRMW-3		
Lab Sample ID:	JD65823-9	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	412 [a]	10	5.6	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	54.4	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	80-120%
2037-26-5	Toluene-D8	113%	108%	80-120%
460-00-4	4-Bromofluorobenzene	104%	105%	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	RW-1		
Lab Sample ID:	JD65823-10	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2R03697.D	1	05/23/23 12:49	ED	n/a	n/a	V2R125
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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 [a]	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	0.46	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 [b]	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	51.0	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	

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:	RW-1		
Lab Sample ID:	JD65823-10	**Date Sampled:**	05/17/23
Matrix:	AQ - Ground Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	24.9	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	0.63	1.0	0.53	ug/l	J
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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%		80-120%
2037-26-5	Toluene-D8	107%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

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

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:	TB-1		
Lab Sample ID:	JD65823-11	**Date Sampled:**	05/17/23
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1F5307.D	1	05/19/23 18:24	NW	n/a	n/a	V1F178
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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	0.46	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 [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	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane [b]	ND	130	19	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	

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:	TB-1		
Lab Sample ID:	JD65823-11	**Date Sampled:**	05/17/23
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	113%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

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:	FB-1		
Lab Sample ID:	JD65823-12	**Date Sampled:**	05/17/23
Matrix:	AQ - Field Blank Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1F5308.D	1	05/19/23 18:50	NW	n/a	n/a	V1F178
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

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	0.46	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 [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	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane [b]	ND	130	19	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	

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:	FB-1		
Lab Sample ID:	JD65823-12	**Date Sampled:**	05/17/23
Matrix:	AQ - Field Blank Water	**Date Received:**	05/17/23
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Info Tech High School, 21-16 44th Road, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	2.0	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	1.9	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	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	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

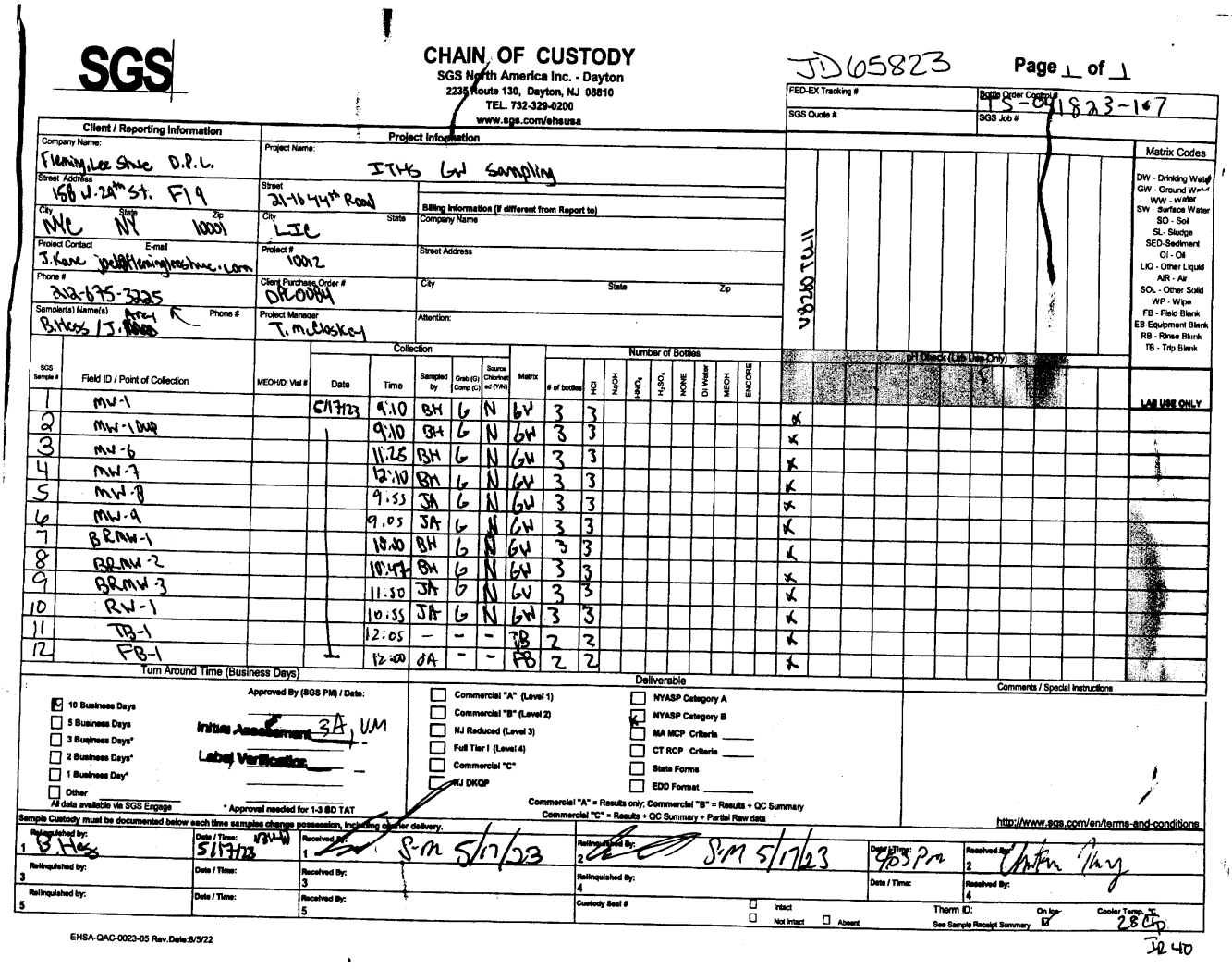
ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle



SGS

CHAIN OF CUSTODY

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

JD65823

Page 1 of 1

FED-EX Tracking #

Bottle Order Control # LS-01823-167

SGS Quote #

SGS Job #

Client / Reporting Information

Company Name: Fleming, Lee Shaw D.P.C.
Street Address: 158 W. 29th St. F19
City: NYC State: NY Zip: 10001
Project Contact: J. Kane E-mail: jkane@flemingleeshaw.com
Phone #: 212-675-3225
Sampler(s) Name(s): B. Hess / J. Kane Phone #:

Project Information

Project Name: ITHS GW Sampling
Street: 21-1644th Road
City: LIC State:
Project #: 10012
Client Purchase Order #: DRC0084
Project Manager: T. Milosky

Billing Information (If different from Report to)

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

V8260 TCL 11

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	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (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-1		5/17/23	9:10	BH	G	N	GW	3	3								X	
2	MW-1DUP			9:10	BH	G	N	GW	3	3								X	
3	MW-6			11:25	BH	G	N	GW	3	3								X	
4	MW-7			12:10	BH	G	N	GW	3	3								X	
5	MW-8			9:55	JA	G	N	GW	3	3								X	
6	MW-9			9:05	JA	G	N	GW	3	3								X	
7	BRMW-1			10:10	BH	G	N	GW	3	3								X	
8	BRMW-2			10:47	BH	G	N	GW	3	3								X	
9	BRMW-3			11:30	JA	G	N	GW	3	3								X	
10	RW-1			10:55	JA	G	N	GW	3	3								X	
11	TB-1			12:05	—	—	—	TB	2	2								X	
12	FB-1			12:00	JA	—	—	FB	2	2								X	

Turn Around Time (Business Days)

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

All data available via SGS Engage

Approved By (SGS PM) / Date:
Initial Assessment: 3A, VM
Label Verification: —

* 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

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	B. Hess	5/17/23 1811	1 S-M 5/17/23
2	S-M 5/17/23	1953 PM	2 Christian Thay
3			3
4			4
5			5

Custody Seal # — [ ] Intact [ ] Not Intact [ ] Absent

Therm ID: On Ice [x]

See Sample Receipt Summary

Cooler Temp. °C: 2.8 Cp 2.4 IR

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

JD65823: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD65823 **Client:** FLEMING-LEE SHUE, INC. **Project:** INFO TECH HIGH SCHOOL, 21-16 44TH R

Date / Time Received: 5/17/2023 4:03:00 PM **Delivery Method:** SGS **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

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 Gun		
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

Fleming-Lee Shue, Inc.

Job No: JD65823

Info Tech High School, 21-16 44th Road, Long Island City, NY
Project No: 10012; PO# DPC0084

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD65823-1 MW-1	Collected: 17-MAY-23 09:10 By: BH		Received: 17-MAY-23 By: KG			
JD65823-1	SW846 8260D	19-MAY-23 19:15	NW			V8260TCL11
JD65823-1	SW846 8260D	22-MAY-23 13:38	LD			V8260TCL11
JD65823-2 MW-1 DUP	Collected: 17-MAY-23 09:10 By: BH		Received: 17-MAY-23 By: KG			
JD65823-2	SW846 8260D	19-MAY-23 15:52	NW			V8260TCL11
JD65823-2	SW846 8260D	22-MAY-23 14:02	LD			V8260TCL11
JD65823-3 MW-6	Collected: 17-MAY-23 11:25 By: BH		Received: 17-MAY-23 By: KG			
JD65823-3	SW846 8260D	19-MAY-23 16:17	NW			V8260TCL11
JD65823-3	SW846 8260D	22-MAY-23 14:25	LD			V8260TCL11
JD65823-4 MW-7	Collected: 17-MAY-23 12:10 By: BH		Received: 17-MAY-23 By: KG			
JD65823-4	SW846 8260D	19-MAY-23 20:06	NW			V8260TCL11
JD65823-5 MW-8	Collected: 17-MAY-23 09:55 By: JA		Received: 17-MAY-23 By: KG			
JD65823-5	SW846 8260D	19-MAY-23 20:31	NW			V8260TCL11
JD65823-6 MW-9	Collected: 17-MAY-23 09:05 By: JA		Received: 17-MAY-23 By: KG			
JD65823-6	SW846 8260D	23-MAY-23 11:58	ED			V8260TCL11
JD65823-7 BRMW-1	Collected: 17-MAY-23 10:00 By: BH		Received: 17-MAY-23 By: KG			
JD65823-7	SW846 8260D	23-MAY-23 12:23	ED			V8260TCL11

Internal Sample Tracking Chronicle

Fleming-Lee Shue, Inc.

Job No: JD65823

Info Tech High School, 21-16 44th Road, Long Island City, NY
Project No: 10012; PO# DPC0084

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD65823-8 BRMW-2	Collected: 17-MAY-23 10:47 By: BH			Received: 17-MAY-23	By: KG	
JD65823-8	SW846 8260D	22-MAY-23 12:29	LD			V8260TCL11
JD65823-9 BRMW-3	Collected: 17-MAY-23 11:50 By: JA			Received: 17-MAY-23	By: KG	
JD65823-9	SW846 8260D	22-MAY-23 14:48	LD			V8260TCL11
JD65823-9	SW846 8260D	22-MAY-23 15:57	LD			V8260TCL11
JD65823-10 RW-1	Collected: 17-MAY-23 10:55 By: JA			Received: 17-MAY-23	By: KG	
JD65823-10	SW846 8260D	23-MAY-23 12:49	ED			V8260TCL11
JD65823-11 TB-1	Collected: 17-MAY-23 12:10 By:			Received: 17-MAY-23	By: KG	
JD65823-11	SW846 8260D	19-MAY-23 18:24	NW			V8260TCL11
JD65823-12 FB-1	Collected: 17-MAY-23 12:00 By: JA			Received: 17-MAY-23	By: KG	
JD65823-12	SW846 8260D	19-MAY-23 18:50	NW			V8260TCL11

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: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F178-MB	1F5293.D	1	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

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	0.46	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	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	2.0	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	

Method Blank Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F178-MB	1F5293.D	1	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

CAS No.	Compound	Result	RL	MDL	Units	Q
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	1.9	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	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	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	102%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.88	7.8	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10808-MB	L355922.D	1	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

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	0.46	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	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	2.0	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	

Method Blank Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10808-MB	L355922.D	1	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

CAS No.	Compound	Result	RL	MDL	Units	Q
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	1.9	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	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	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	107%	80-120%
2037-26-5	Toluene-D8	107%	80-120%
460-00-4	4-Bromofluorobenzene	104%	82-114%

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

Method Blank Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R125-MB	2R03694.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

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	0.46	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	ND	1.0	0.51	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	
123-91-1	1,4-Dioxane	ND	130	19	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	2.0	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	

Method Blank Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R125-MB	2R03694.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	Result	RL	MDL	Units	Q
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	1.9	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	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	111%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	80-120%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	105%	82-114%

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

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F178-BS	1F5291.D	1	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	241	121	27-175
71-43-2	Benzene	50	48.2	96	80-115
74-97-5	Bromochloromethane	50	47.8	96	83-122
75-27-4	Bromodichloromethane	50	52.4	105	82-119
75-25-2	Bromoform	50	54.3	109	77-135
74-83-9	Bromomethane	50	58.9	118	40-162
78-93-3	2-Butanone (MEK)	200	216	108	61-150
75-15-0	Carbon disulfide	50	41.3	83	64-130
56-23-5	Carbon tetrachloride	50	50.2	100	75-127
108-90-7	Chlorobenzene	50	48.5	97	80-115
75-00-3	Chloroethane	50	44.6	89	56-144
67-66-3	Chloroform	50	52.5	105	75-116
74-87-3	Chloromethane	50	63.7	127	41-153
110-82-7	Cyclohexane	50	52.8	106	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	51.6	103	69-134
124-48-1	Dibromochloromethane	50	51.0	102	81-123
106-93-4	1,2-Dibromoethane	50	47.2	94	67-138
95-50-1	1,2-Dichlorobenzene	50	50.5	101	81-117
541-73-1	1,3-Dichlorobenzene	50	50.8	102	81-115
106-46-7	1,4-Dichlorobenzene	50	48.6	97	80-114
75-71-8	Dichlorodifluoromethane	50	54.4	109	43-152
75-34-3	1,1-Dichloroethane	50	51.5	103	75-125
107-06-2	1,2-Dichloroethane	50	52.7	105	73-117
75-35-4	1,1-Dichloroethene	50	50.6	101	70-124
156-59-2	cis-1,2-Dichloroethene	50	47.2	94	80-120
156-60-5	trans-1,2-Dichloroethene	50	51.4	103	77-121
78-87-5	1,2-Dichloropropane	50	52.7	105	79-121
10061-01-5	cis-1,3-Dichloropropene	50	52.5	105	83-123
10061-02-6	trans-1,3-Dichloropropene	50	51.3	103	83-122
123-91-1	1,4-Dioxane	1250	1000	80	64-150
100-41-4	Ethylbenzene	50	49.9	100	78-116
76-13-1	Freon 113	50	46.6	93	68-134
591-78-6	2-Hexanone	200	235	118	66-136
98-82-8	Isopropylbenzene	50	51.3	103	78-121
79-20-9	Methyl Acetate	50	48.3	97	60-143
108-87-2	Methylcyclohexane	50	54.5	109	71-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F178-BS	1F5291.D	1	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	50	51.2	102	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	240	120	73-134
75-09-2	Methylene chloride	50	46.8	94	73-123
100-42-5	Styrene	50	51.7	103	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	52.8	106	73-126
127-18-4	Tetrachloroethene	50	47.9	96	73-119
108-88-3	Toluene	50	48.7	97	79-116
87-61-6	1,2,3-Trichlorobenzene	50	52.3	105	63-137
120-82-1	1,2,4-Trichlorobenzene	50	52.4	105	68-135
71-55-6	1,1,1-Trichloroethane	50	50.8	102	76-124
79-00-5	1,1,2-Trichloroethane	50	48.1	96	83-117
79-01-6	Trichloroethene	50	47.0	94	80-118
75-69-4	Trichlorofluoromethane	50	51.6	103	67-134
75-01-4	Vinyl chloride	50	57.6	115	52-146
	m,p-Xylene	100	101	101	79-119
95-47-6	o-Xylene	50	49.1	98	81-119
1330-20-7	Xylene (total)	150	151	101	80-119

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10808-BS	L355920.D	1	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	217	109	27-175
71-43-2	Benzene	50	41.3	83	80-115
74-97-5	Bromochloromethane	50	48.1	96	83-122
75-27-4	Bromodichloromethane	50	42.9	86	82-119
75-25-2	Bromoform	50	41.2	82	77-135
74-83-9	Bromomethane	50	51.1	102	40-162
78-93-3	2-Butanone (MEK)	200	243	122	61-150
75-15-0	Carbon disulfide	50	44.1	88	64-130
56-23-5	Carbon tetrachloride	50	42.7	85	75-127
108-90-7	Chlorobenzene	50	42.6	85	80-115
75-00-3	Chloroethane	50	54.6	109	56-144
67-66-3	Chloroform	50	44.5	89	75-116
74-87-3	Chloromethane	50	46.9	94	41-153
110-82-7	Cyclohexane	50	48.0	96	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	53.8	108	69-134
124-48-1	Dibromochloromethane	50	42.4	85	81-123
106-93-4	1,2-Dibromoethane	50	43.5	87	67-138
95-50-1	1,2-Dichlorobenzene	50	45.3	91	81-117
541-73-1	1,3-Dichlorobenzene	50	47.3	95	81-115
106-46-7	1,4-Dichlorobenzene	50	45.1	90	80-114
75-71-8	Dichlorodifluoromethane	50	54.6	109	43-152
75-34-3	1,1-Dichloroethane	50	42.5	85	75-125
107-06-2	1,2-Dichloroethane	50	41.2	82	73-117
75-35-4	1,1-Dichloroethene	50	48.8	98	70-124
156-59-2	cis-1,2-Dichloroethene	50	46.1	92	80-120
156-60-5	trans-1,2-Dichloroethene	50	45.8	92	77-121
78-87-5	1,2-Dichloropropane	50	40.0	80	79-121
10061-01-5	cis-1,3-Dichloropropene	50	44.3	89	83-123
10061-02-6	trans-1,3-Dichloropropene	50	42.6	85	83-122
123-91-1	1,4-Dioxane	1250	1260	101	64-150
100-41-4	Ethylbenzene	50	40.3	81	78-116
76-13-1	Freon 113	50	45.1	90	68-134
591-78-6	2-Hexanone	200	165	83	66-136
98-82-8	Isopropylbenzene	50	39.7	79	78-121
79-20-9	Methyl Acetate	50	56.7	113	60-143
108-87-2	Methylcyclohexane	50	42.3	85	71-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10808-BS	L355920.D	1	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	50	48.6	97	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	176	88	73-134
75-09-2	Methylene chloride	50	49.1	98	73-123
100-42-5	Styrene	50	40.7	81	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.5	99	73-126
127-18-4	Tetrachloroethene	50	40.8	82	73-119
108-88-3	Toluene	50	41.1	82	79-116
87-61-6	1,2,3-Trichlorobenzene	50	56.2	112	63-137
120-82-1	1,2,4-Trichlorobenzene	50	56.3	113	68-135
71-55-6	1,1,1-Trichloroethane	50	46.4	93	76-124
79-00-5	1,1,2-Trichloroethane	50	43.3	87	83-117
79-01-6	Trichloroethene	50	43.5	87	80-118
75-69-4	Trichlorofluoromethane	50	53.1	106	67-134
75-01-4	Vinyl chloride	50	55.4	111	52-146
	m,p-Xylene	100	78.7	79	79-119
95-47-6	o-Xylene	50	39.2	78* [a]	81-119
1330-20-7	Xylene (total)	150	118	79* [a]	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	107%	82-114%

(a) Outside of in house control limits, but within the marginal exceedance limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R125-BS	2R03692.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	193	97	27-175
71-43-2	Benzene	50	46.5	93	80-115
74-97-5	Bromochloromethane	50	50.8	102	83-122
75-27-4	Bromodichloromethane	50	48.0	96	82-119
75-25-2	Bromoform	50	53.5	107	77-135
74-83-9	Bromomethane	50	81.7	163* [a]	40-162
78-93-3	2-Butanone (MEK)	200	232	116	61-150
75-15-0	Carbon disulfide	50	45.5	91	64-130
56-23-5	Carbon tetrachloride	50	50.6	101	75-127
108-90-7	Chlorobenzene	50	49.2	98	80-115
75-00-3	Chloroethane	50	52.4	105	56-144
67-66-3	Chloroform	50	44.6	89	75-116
74-87-3	Chloromethane	50	39.4	79	41-153
110-82-7	Cyclohexane	50	53.2	106	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	57.4	115	69-134
124-48-1	Dibromochloromethane	50	52.3	105	81-123
106-93-4	1,2-Dibromoethane	50	52.4	105	67-138
95-50-1	1,2-Dichlorobenzene	50	51.0	102	81-117
541-73-1	1,3-Dichlorobenzene	50	49.6	99	81-115
106-46-7	1,4-Dichlorobenzene	50	49.7	99	80-114
75-71-8	Dichlorodifluoromethane	50	45.0	90	43-152
75-34-3	1,1-Dichloroethane	50	41.6	83	75-125
107-06-2	1,2-Dichloroethane	50	38.9	78	73-117
75-35-4	1,1-Dichloroethene	50	50.3	101	70-124
156-59-2	cis-1,2-Dichloroethene	50	51.7	103	80-120
156-60-5	trans-1,2-Dichloroethene	50	47.7	95	77-121
78-87-5	1,2-Dichloropropane	50	42.5	85	79-121
10061-01-5	cis-1,3-Dichloropropene	50	47.6	95	83-123
10061-02-6	trans-1,3-Dichloropropene	50	46.6	93	83-122
123-91-1	1,4-Dioxane	1250	1240	99	64-150
100-41-4	Ethylbenzene	50	48.0	96	78-116
76-13-1	Freon 113	50	48.8	98	68-134
591-78-6	2-Hexanone	200	161	81	66-136
98-82-8	Isopropylbenzene	50	48.9	98	78-121
79-20-9	Methyl Acetate	50	53.2	106	60-143
108-87-2	Methylcyclohexane	50	46.3	93	71-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R125-BS	2R03692.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	50	44.7	89	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	171	86	73-134
75-09-2	Methylene chloride	50	47.5	95	73-123
100-42-5	Styrene	50	52.0	104	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.3	99	73-126
127-18-4	Tetrachloroethene	50	48.5	97	73-119
108-88-3	Toluene	50	47.4	95	79-116
87-61-6	1,2,3-Trichlorobenzene	50	62.6	125	63-137
120-82-1	1,2,4-Trichlorobenzene	50	51.5	103	68-135
71-55-6	1,1,1-Trichloroethane	50	49.6	99	76-124
79-00-5	1,1,2-Trichloroethane	50	46.8	94	83-117
79-01-6	Trichloroethene	50	49.6	99	80-118
75-69-4	Trichlorofluoromethane	50	52.5	105	67-134
75-01-4	Vinyl chloride	50	56.0	112	52-146
	m,p-Xylene	100	98.9	99	79-119
95-47-6	o-Xylene	50	47.8	96	81-119
1330-20-7	Xylene (total)	150	147	98	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	87%	80-120%
2037-26-5	Toluene-D8	101%	80-120%
460-00-4	4-Bromofluorobenzene	102%	82-114%

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

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-6MS	2R03700.D	1	05/23/23	ED	n/a	n/a	V2R125
JD65823-6	2R03695.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	JD65823-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		200	183	92	22-134
71-43-2	Benzene	ND		50	47.3	95	49-137
74-97-5	Bromochloromethane	ND		50	50.8	102	78-122
75-27-4	Bromodichloromethane	ND		50	48.9	98	76-121
75-25-2	Bromoform	ND		50	54.6	109	70-133
74-83-9	Bromomethane	ND		50	80.5	161	27-164
78-93-3	2-Butanone (MEK)	ND		200	235	118	52-137
75-15-0	Carbon disulfide	ND		50	40.9	82	54-136
56-23-5	Carbon tetrachloride	ND		50	53.7	107	70-132
108-90-7	Chlorobenzene	ND		50	50.8	102	68-123
75-00-3	Chloroethane	ND		50	54.2	108	48-152
67-66-3	Chloroform	0.51	J	50	46.5	92	68-120
74-87-3	Chloromethane	ND		50	42.6	85	35-156
110-82-7	Cyclohexane	ND		50	54.8	110	53-146
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	60.3	121	63-134
124-48-1	Dibromochloromethane	ND		50	52.7	105	75-122
106-93-4	1,2-Dibromoethane	ND		50	52.6	105	63-134
95-50-1	1,2-Dichlorobenzene	ND		50	51.8	104	74-119
541-73-1	1,3-Dichlorobenzene	ND		50	51.9	104	75-117
106-46-7	1,4-Dichlorobenzene	ND		50	51.3	103	72-117
75-71-8	Dichlorodifluoromethane	ND		50	47.2	94	34-163
75-34-3	1,1-Dichloroethane	ND		50	42.8	86	68-129
107-06-2	1,2-Dichloroethane	ND		50	38.8	78	66-120
75-35-4	1,1-Dichloroethene	ND		50	49.8	100	59-133
156-59-2	cis-1,2-Dichloroethene	2.3		50	55.1	106	52-140
156-60-5	trans-1,2-Dichloroethene	ND		50	49.3	99	70-125
78-87-5	1,2-Dichloropropane	ND		50	42.4	85	73-124
10061-01-5	cis-1,3-Dichloropropene	ND		50	47.3	95	75-125
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.8	96	75-122
123-91-1	1,4-Dioxane	ND		1250	1300	104	57-145
100-41-4	Ethylbenzene	ND		50	50.8	102	37-144
76-13-1	Freon 113	ND		50	49.4	99	61-142
591-78-6	2-Hexanone	ND		200	170	85	56-132
98-82-8	Isopropylbenzene	ND		50	51.6	103	71-126
79-20-9	Methyl Acetate	ND		50	53.0	106	51-139
108-87-2	Methylcyclohexane	ND		50	49.2	98	59-137

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-6MS	2R03700.D	1	05/23/23	ED	n/a	n/a	V2R125
JD65823-6	2R03695.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	JD65823-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
1634-04-4	Methyl Tert Butyl Ether	ND		50	46.5	93	66-124
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		200	176	88	65-135
75-09-2	Methylene chloride	ND		50	47.1	94	66-125
100-42-5	Styrene	ND		50	54.5	109	71-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	50.8	102	68-127
127-18-4	Tetrachloroethene	56.7		50	121	129	58-132
108-88-3	Toluene	ND		50	48.8	98	46-139
87-61-6	1,2,3-Trichlorobenzene	ND		50	66.2	132	57-136
120-82-1	1,2,4-Trichlorobenzene	ND		50	53.9	108	61-137
71-55-6	1,1,1-Trichloroethane	ND		50	51.4	103	67-132
79-00-5	1,1,2-Trichloroethane	ND		50	47.0	94	75-120
79-01-6	Trichloroethene	6.9		50	58.3	103	56-136
75-69-4	Trichlorofluoromethane	ND		50	55.1	110	61-145
75-01-4	Vinyl chloride	ND		50	60.5	121	41-156
	m,p-Xylene	ND		100	104	104	32-151
95-47-6	o-Xylene	ND		50	50.0	100	50-139
1330-20-7	Xylene (total)	ND		150	154	103	38-147

CAS No.	Surrogate Recoveries	MS	JD65823-6	Limits
1868-53-7	Dibromofluoromethane	105%	111%	80-120%
17060-07-0	1,2-Dichloroethane-D4	85%	95%	80-120%
2037-26-5	Toluene-D8	100%	104%	80-120%
460-00-4	4-Bromofluorobenzene	101%	102%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-1MS	1F5303.D	10	05/19/23	NW	n/a	n/a	V1F178
JD65823-1MSD	1F5304.D	10	05/19/23	NW	n/a	n/a	V1F178
JD65823-1	1F5309.D	10	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

CAS No.	Compound	JD65823-1 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		2000	2020	101	2000	1980	99	2	22-134/19
71-43-2	Benzene	ND		500	486	97	500	500	100	3	49-137/12
74-97-5	Bromochloromethane	ND		500	490	98	500	496	99	1	78-122/12
75-27-4	Bromodichloromethane	ND		500	519	104	500	520	104	0	76-121/12
75-25-2	Bromoform	ND		500	554	111	500	552	110	0	70-133/13
74-83-9	Bromomethane	ND		500	451	90	500	551	110	20	27-164/38
78-93-3	2-Butanone (MEK)	ND		2000	2060	103	2000	1960	98	5	52-137/17
75-15-0	Carbon disulfide	ND		500	419	84	500	423	85	1	54-136/16
56-23-5	Carbon tetrachloride	ND		500	511	102	500	519	104	2	70-132/13
108-90-7	Chlorobenzene	ND		500	498	100	500	504	101	1	68-123/12
75-00-3	Chloroethane	ND		500	398	80	500	400	80	1	48-152/17
67-66-3	Chloroform	ND		500	528	106	500	528	106	0	68-120/13
74-87-3	Chloromethane	ND		500	575	115	500	586	117	2	35-156/18
110-82-7	Cyclohexane	ND		500	485	97	500	476	95	2	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	522	104	500	539	108	3	63-134/16
124-48-1	Dibromochloromethane	ND		500	521	104	500	518	104	1	75-122/12
106-93-4	1,2-Dibromoethane	ND		500	487	97	500	479	96	2	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		500	505	101	500	512	102	1	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		500	508	102	500	519	104	2	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		500	498	100	500	506	101	2	72-117/12
75-71-8	Dichlorodifluoromethane	ND		500	526	105	500	516	103	2	34-163/16
75-34-3	1,1-Dichloroethane	ND		500	525	105	500	527	105	0	68-129/13
107-06-2	1,2-Dichloroethane	ND		500	511	102	500	518	104	1	66-120/13
75-35-4	1,1-Dichloroethene	ND		500	514	103	500	520	104	1	59-133/15
156-59-2	cis-1,2-Dichloroethene	34.1		500	511	95	500	515	96	1	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		500	514	103	500	523	105	2	70-125/13
78-87-5	1,2-Dichloropropane	ND		500	526	105	500	527	105	0	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		500	505	101	500	508	102	1	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		500	531	106	500	523	105	2	75-122/12
123-91-1	1,4-Dioxane	ND		12500	10600	85	12500	11700	94	10	57-145/40
100-41-4	Ethylbenzene	ND		500	504	101	500	510	102	1	37-144/12
76-13-1	Freon 113	ND		500	474	95	500	478	96	1	61-142/14
591-78-6	2-Hexanone	ND		2000	2350	118	2000	2340	117	0	56-132/16
98-82-8	Isopropylbenzene	ND		500	512	102	500	529	106	3	71-126/13
79-20-9	Methyl Acetate	ND		500	495	99	500	488	98	1	51-139/18
108-87-2	Methylcyclohexane	ND		500	545	109	500	543	109	0	59-137/16

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-1MS	1F5303.D	10	05/19/23	NW	n/a	n/a	V1F178
JD65823-1MSD	1F5304.D	10	05/19/23	NW	n/a	n/a	V1F178
JD65823-1	1F5309.D	10	05/19/23	NW	n/a	n/a	V1F178

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

JD65823-1, JD65823-2, JD65823-3, JD65823-4, JD65823-5, JD65823-11, JD65823-12

CAS No.	Compound	JD65823-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		500	514	103	500	518	104	1	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	2360	118	2000	2380	119	1	65-135/14
75-09-2	Methylene chloride	ND		500	482	96	500	476	95	1	66-125/14
100-42-5	Styrene	ND		500	519	104	500	530	106	2	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	536	107	500	543	109	1	68-127/14
127-18-4	Tetrachloroethene	418		500	853	87	500	861	89	1	58-132/13
108-88-3	Toluene	ND		500	497	99	500	505	101	2	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		500	528	106	500	546	109	3	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		500	521	104	500	535	107	3	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		500	529	106	500	524	105	1	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		500	491	98	500	486	97	1	75-120/12
79-01-6	Trichloroethene	7.7	J	500	488	96	500	480	94	2	56-136/12
75-69-4	Trichlorofluoromethane	ND		500	497	99	500	494	99	1	61-145/16
75-01-4	Vinyl chloride	ND		500	523	105	500	534	107	2	41-156/16
	m,p-Xylene	ND		1000	1020	102	1000	1050	105	3	32-151/12
95-47-6	o-Xylene	ND		500	494	99	500	499	100	1	50-139/12
1330-20-7	Xylene (total)	ND		1500	1520	101	1500	1550	103	2	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JD65823-1	Limits
1868-53-7	Dibromofluoromethane	97%	96%	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	112%	104%	110%	80-120%
2037-26-5	Toluene-D8	97%	97%	98%	80-120%
460-00-4	4-Bromofluorobenzene	99%	99%	100%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-8MS	L355934.D	5	05/22/23	LD	n/a	n/a	VL10808
JD65823-8MSD	L355935.D	5	05/22/23	LD	n/a	n/a	VL10808
JD65823-8 [a]	L355927.D	5	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

CAS No.	Compound	JD65823-8 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		1000	922	92	1000	891	89	3	22-134/19
71-43-2	Benzene	ND		250	215	86	250	214	86	0	49-137/12
74-97-5	Bromochloromethane	ND		250	247	99	250	252	101	2	78-122/12
75-27-4	Bromodichloromethane	ND		250	223	89	250	221	88	1	76-121/12
75-25-2	Bromoform	ND		250	211	84	250	207	83	2	70-133/13
74-83-9	Bromomethane	ND		250	237	95	250	250	100	5	27-164/38
78-93-3	2-Butanone (MEK)	ND		1000	1160	116	1000	1140	114	2	52-137/17
75-15-0	Carbon disulfide	ND		250	218	87	250	221	88	1	54-136/16
56-23-5	Carbon tetrachloride	ND		250	222	89	250	225	90	1	70-132/13
108-90-7	Chlorobenzene	ND		250	212	85	250	218	87	3	68-123/12
75-00-3	Chloroethane	ND		250	277	111	250	277	111	0	48-152/17
67-66-3	Chloroform	ND		250	233	93	250	232	93	0	68-120/13
74-87-3	Chloromethane	ND		250	229	92	250	232	93	1	35-156/18
110-82-7	Cyclohexane	ND		250	246	98	250	249	100	1	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	278	111	250	287	115	3	63-134/16
124-48-1	Dibromochloromethane	ND		250	212	85	250	213	85	0	75-122/12
106-93-4	1,2-Dibromoethane	ND		250	219	88	250	224	90	2	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		250	232	93	250	235	94	1	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		250	236	94	250	239	96	1	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		250	233	93	250	234	94	0	72-117/12
75-71-8	Dichlorodifluoromethane	ND		250	278	111	250	279	112	0	34-163/16
75-34-3	1,1-Dichloroethane	ND		250	214	86	250	213	85	0	68-129/13
107-06-2	1,2-Dichloroethane	ND		250	210	84	250	212	85	1	66-120/13
75-35-4	1,1-Dichloroethene	ND		250	247	99	250	245	98	1	59-133/15
156-59-2	cis-1,2-Dichloroethene	25.4		250	258	93	250	258	93	0	52-140/12
156-60-5	trans-1,2-Dichloroethene	3.4	J	250	235	93	250	242	95	3	70-125/13
78-87-5	1,2-Dichloropropane	ND		250	205	82	250	205	82	0	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		250	236	94	250	235	94	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		250	210	84	250	216	86	3	75-122/12
123-91-1	1,4-Dioxane	ND		6250	7560	121	6250	8560	137	12	57-145/40
100-41-4	Ethylbenzene	ND		250	202	81	250	206	82	2	37-144/12
76-13-1	Freon 113	ND		250	230	92	250	234	94	2	61-142/14
591-78-6	2-Hexanone	ND		1000	800	80	1000	812	81	1	56-132/16
98-82-8	Isopropylbenzene	ND		250	200	80	250	205	82	2	71-126/13
79-20-9	Methyl Acetate	ND		250	300	120	250	293	117	2	51-139/18
108-87-2	Methylcyclohexane	ND		250	215	86	250	216	86	0	59-137/16

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-8MS	L355934.D	5	05/22/23	LD	n/a	n/a	VL10808
JD65823-8MSD	L355935.D	5	05/22/23	LD	n/a	n/a	VL10808
JD65823-8 [a]	L355927.D	5	05/22/23	LD	n/a	n/a	VL10808

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

JD65823-1, JD65823-2, JD65823-3, JD65823-8, JD65823-9

CAS No.	Compound	JD65823-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		250	251	100	250	253	101	1	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		1000	942	94	1000	918	92	3	65-135/14
75-09-2	Methylene chloride	ND		250	249	100	250	251	100	1	66-125/14
100-42-5	Styrene	ND		250	202	81	250	209	84	3	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	261	104	250	261	104	0	68-127/14
127-18-4	Tetrachloroethene	712		250	640	-29* [b]	250	653	-24* [b]	2	58-132/13
108-88-3	Toluene	ND		250	207	83	250	213	85	3	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		250	283	113	250	285	114	1	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		250	278	111	250	282	113	1	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		250	239	96	250	247	99	3	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		250	217	87	250	225	90	4	75-120/12
79-01-6	Trichloroethene	60.4		250	268	83	250	265	82	1	56-136/12
75-69-4	Trichlorofluoromethane	ND		250	277	111	250	279	112	1	61-145/16
75-01-4	Vinyl chloride	ND		250	280	112	250	282	113	1	41-156/16
	m,p-Xylene	ND		500	397	79	500	406	81	2	32-151/12
95-47-6	o-Xylene	ND		250	201	80	250	206	82	2	50-139/12
1330-20-7	Xylene (total)	ND		750	598	79	750	612	81	2	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JD65823-8	Limits
1868-53-7	Dibromofluoromethane	111%	109%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	97%	104%	80-120%
2037-26-5	Toluene-D8	94%	96%	111%	80-120%
460-00-4	4-Bromofluorobenzene	108%	107%	103%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-7DUP	2R03702.D	1	05/23/23	ED	n/a	n/a	V2R125
JD65823-7	2R03696.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	JD65823-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	23
71-43-2	Benzene	ND		ND		nc	14
74-97-5	Bromochloromethane	ND		ND		nc	20
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	1.9		1.8		5	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	10
74-87-3	Chloromethane	ND		ND		nc	10
110-82-7	Cyclohexane	ND		ND		nc	14
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	20
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	20
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	15
156-59-2	cis-1,2-Dichloroethene	8.4		8.2		2	10
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
123-91-1	1,4-Dioxane	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	20
76-13-1	Freon 113	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	15
79-20-9	Methyl Acetate	ND		ND		nc	20
108-87-2	Methylcyclohexane	ND		ND		nc	20

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD65823-7DUP	2R03702.D	1	05/23/23	ED	n/a	n/a	V2R125
JD65823-7	2R03696.D	1	05/23/23	ED	n/a	n/a	V2R125

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

JD65823-6, JD65823-7, JD65823-10

CAS No.	Compound	JD65823-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	117		117		0	10
108-88-3	Toluene	ND		ND		nc	16
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	11.0		10.8		2	14
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	18
95-47-6	o-Xylene	ND		ND		nc	18
1330-20-7	Xylene (total)	ND		ND		nc	22

CAS No.	Surrogate Recoveries	DUP	JD65823-7	Limits
1868-53-7	Dibromofluoromethane	110%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	93%	80-120%
2037-26-5	Toluene-D8	104%	103%	80-120%
460-00-4	4-Bromofluorobenzene	103%	103%	82-114%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample: V1F156-BFB
Lab File ID: 1F4665.D
Instrument ID: GCMS1F
Injection Date: 04/29/23
Injection Time: 20:51

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	38291	22.3		Pass
75	30.0 - 60.0% of mass 95	84211	49.0		Pass
95	Base peak, 100% relative abundance	171925	100.0		Pass
96	5.0 - 9.0% of mass 95	10899	6.34		Pass
173	Less than 2.0% of mass 174	1455	0.85	(1.06) [a]	Pass
174	50.0 - 120.0% of mass 95	137013	79.7		Pass
175	5.0 - 9.0% of mass 174	10995	6.40	(8.02) [a]	Pass
176	95.0 - 101.0% of mass 174	137213	79.8	(100.1) [a]	Pass
177	5.0 - 9.0% of mass 176	9215	5.36	(6.72) [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
V1F156-IC156	1F4667.D	04/29/23	21:57	01:06	Initial cal 0.2
V1F156-IC156	1F4669.D	04/29/23	22:43	01:52	Initial cal 0.5
V1F156-IC156	1F4671.D	04/29/23	23:24	02:33	Initial cal 1
V1F156-IC156	1F4673.D	04/30/23	00:04	03:13	Initial cal 2
V1F156-IC156	1F4675.D	04/30/23	00:45	03:54	Initial cal 4
V1F156-IC156	1F4677.D	04/30/23	01:25	04:34	Initial cal 8
V1F156-IC156	1F4679.D	04/30/23	02:06	05:15	Initial cal 20
V1F156-ICC156	1F4681.D	04/30/23	02:47	05:56	Initial cal 50
V1F156-IC156	1F4683.D	04/30/23	03:27	06:36	Initial cal 100
V1F156-IC156	1F4685.D	04/30/23	04:08	07:17	Initial cal 200
V1F156-ICV156	1F4691.D	04/30/23	06:09	09:18	Initial cal verification 50
V1F156-ICV156	1F4693.D	04/30/23	06:50	09:59	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample: V2R111-BFB
Lab File ID: 2R03331.D
Instrument ID: GCMS2R
Injection Date: 05/09/23
Injection Time: 22:06

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	59867	23.3		Pass
75	30.0 - 60.0% of mass 95	128283	49.9		Pass
95	Base peak, 100% relative abundance	257301	100.0		Pass
96	5.0 - 9.0% of mass 95	17016	6.61		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	211605	82.2		Pass
175	5.0 - 9.0% of mass 174	15607	6.07	(7.38) [a]	Pass
176	95.0 - 101.0% of mass 174	204587	79.5	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	13347	5.19	(6.52) [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
V2R111-IC0111	2R03333.D	05/09/23	23:02	00:56	Initial cal 0.2
V2R111-IC0111	2R03335.D	05/09/23	23:39	01:33	Initial cal 0.5
V2R111-IC0111	2R03337.D	05/10/23	00:19	02:13	Initial cal 1
V2R111-IC0111	2R03339.D	05/10/23	00:59	02:53	Initial cal 2
V2R111-IC0111	2R03341.D	05/10/23	01:39	03:33	Initial cal 4
V2R111-IC0111	2R03343.D	05/10/23	02:20	04:14	Initial cal 8
V2R111-IC0111	2R03345.D	05/10/23	03:00	04:54	Initial cal 20
V2R111-ICC0111	2R03347.D	05/10/23	03:41	05:35	Initial cal 50
V2R111-IC0111	2R03349.D	05/10/23	04:21	06:15	Initial cal 100
V2R111-IC0111	2R03351.D	05/10/23	05:01	06:55	Initial cal 200
V2R111-ICV0111	2R03357.D	05/10/23	07:02	08:56	Initial cal verification 50
V2R111-ICV0111	2R03359.D	05/10/23	07:42	09:36	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample: V2R111-BFB2
Lab File ID: 2R03363.D
Instrument ID: GCMS2R
Injection Date: 05/11/23
Injection Time: 15:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	71901	23.1		Pass
75	30.0 - 60.0% of mass 95	155827	50.1		Pass
95	Base peak, 100% relative abundance	311253	100.0		Pass
96	5.0 - 9.0% of mass 95	20554	6.60		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	247829	79.6		Pass
175	5.0 - 9.0% of mass 174	18840	6.05	(7.60) [a]	Pass
176	95.0 - 101.0% of mass 174	242219	77.8	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	15946	5.12	(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
V2R111-ICV0111	2R03364.D	05/11/23	16:14	00:35	Initial cal verification 50
V2R112-CC111	2R03366.D	05/12/23	08:04	16:25	Continuing cal 20
V2R112-BS	2R03367.D	05/12/23	08:45	17:06	Blank Spike
V2R112-MB	2R03369.D	05/12/23	09:35	17:56	Method Blank
ZZZZZZ	2R03370.D	05/12/23	10:10	18:31	(unrelated sample)
ZZZZZZ	2R03371.D	05/12/23	10:35	18:56	(unrelated sample)
ZZZZZZ	2R03373.D	05/12/23	11:25	19:46	(unrelated sample)
ZZZZZZ	2R03374.D	05/12/23	11:50	20:11	(unrelated sample)
ZZZZZZ	2R03375.D	05/12/23	12:15	20:36	(unrelated sample)
ZZZZZZ	2R03376.D	05/12/23	12:40	21:01	(unrelated sample)
ZZZZZZ	2R03377.D	05/12/23	13:05	21:26	(unrelated sample)
JD65205-5	2R03378.D	05/12/23	13:30	21:51	(used for QC only; not part of job JD65823)
JD65205-5MS	2R03379.D	05/12/23	13:55	22:16	Matrix Spike
JD65205-5MSD	2R03380.D	05/12/23	14:20	22:41	Matrix Spike Duplicate
ZZZZZZ	2R03382.D	05/12/23	15:10	23:31	(unrelated sample)
ZZZZZZ	2R03383.D	05/12/23	15:36	23:57	(unrelated sample)
ZZZZZZ	2R03384.D	05/12/23	16:01	24:22	(unrelated sample)
ZZZZZZ	2R03385.D	05/12/23	16:26	24:47	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample: V2R115-BFB
Lab File ID: 2R03442.D
Instrument ID: GCMS2R
Injection Date: 05/15/23
Injection Time: 17:34

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	84997	22.8		Pass
75	30.0 - 60.0% of mass 95	187136	50.2		Pass
95	Base peak, 100% relative abundance	372843	100.0		Pass
96	5.0 - 9.0% of mass 95	24371	6.54		Pass
173	Less than 2.0% of mass 174	615	0.16	(0.20) [a]	Pass
174	50.0 - 150.0% of mass 95	309824	83.1		Pass
175	5.0 - 9.0% of mass 174	23013	6.17	(7.43) [a]	Pass
176	95.0 - 101.0% of mass 174	300309	80.5	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	19481	5.22	(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
V2R115-IC115	2R03443.D	05/15/23	18:04	00:30	Initial cal 1
V2R115-IC115	2R03444.D	05/15/23	18:29	00:55	Initial cal 2
V2R115-IC115	2R03445.D	05/15/23	18:53	01:19	Initial cal 4
V2R115-IC115	2R03446.D	05/15/23	19:18	01:44	Initial cal 8
V2R115-IC115	2R03447.D	05/15/23	19:43	02:09	Initial cal 20
V2R115-ICC115	2R03448.D	05/15/23	20:08	02:34	Initial cal 50
V2R115-IC115	2R03449.D	05/15/23	20:33	02:59	Initial cal 100
V2R115-IC115	2R03450.D	05/15/23	20:58	03:24	Initial cal 200
V2R115-ICV115	2R03453.D	05/15/23	22:13	04:39	Initial cal verification 50
V2R116-CC111	2R03457.D	05/16/23	10:41	17:07	Continuing cal 20
V2R116-CC111	2R03458.D	05/16/23	11:12	17:38	Continuing cal 2
V2R116-CC115	2R03459.D	05/16/23	11:37	18:03	Continuing cal 20
V2R116-BS	2R03460.D	05/16/23	12:14	18:40	Blank Spike
V2R116-MB	2R03462.D	05/16/23	13:04	19:30	Method Blank
JD65097-8	2R03463.D	05/16/23	13:32	19:58	(used for QC only; not part of job JD65823)
JD65097-7	2R03464.D	05/16/23	13:57	20:23	(used for QC only; not part of job JD65823)
ZZZZZZ	2R03466.D	05/16/23	16:00	22:26	(unrelated sample)
ZZZZZZ	2R03467.D	05/16/23	16:25	22:51	(unrelated sample)
ZZZZZZ	2R03468.D	05/16/23	16:50	23:16	(unrelated sample)
ZZZZZZ	2R03469.D	05/16/23	17:15	23:41	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Sample:	VL10779-BFB	**Injection Date:**	04/29/23
Lab File ID:	L355082.D	**Injection Time:**	17:41
Instrument ID:	GCMSL		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	21421	20.5		Pass
75	30.0 - 60.0% of mass 95	50264	48.2		Pass
95	Base peak, 100% relative abundance	104336	100.0		Pass
96	5.0 - 9.0% of mass 95	6810	6.53		Pass
173	Less than 2.0% of mass 174	227	0.22	(0.28) [a]	Pass
174	50.0 - 120.0% of mass 95	81115	77.7		Pass
175	5.0 - 9.0% of mass 174	6064	5.81	(7.48) [a]	Pass
176	95.0 - 101.0% of mass 174	78261	75.0	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	4759	4.56	(6.08) [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
VL10779-IC10779	L355083.D	04/29/23	18:12	00:31	Initial cal 0.2
VL10779-IC10779	L355084.D	04/29/23	18:35	00:54	Initial cal 0.5
VL10779-IC10779	L355085.D	04/29/23	18:58	01:17	Initial cal 1
VL10779-IC10779	L355086.D	04/29/23	19:21	01:40	Initial cal 2
VL10779-IC10779	L355087.D	04/29/23	19:43	02:02	Initial cal 4
VL10779-IC10779	L355088.D	04/29/23	20:06	02:25	Initial cal 8
VL10779-IC10779	L355089.D	04/29/23	20:29	02:48	Initial cal 20
VL10779-ICC10779	L355090.D	04/29/23	20:52	03:11	Initial cal 50
VL10779-IC10779	L355091.D	04/29/23	21:15	03:34	Initial cal 100
VL10779-IC10779	L355092.D	04/29/23	21:38	03:57	Initial cal 200
VL10779-ICV10779	L355095.D	04/29/23	22:47	05:06	Initial cal verification 50
VL10779-ICV10779	L355096.D	04/29/23	23:10	05:29	Initial cal verification 50

Internal Standard Area Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Check Std:	V1F178-CC156	**Injection Date:**	05/19/23
Lab File ID:	1F5288.D	**Injection Time:**	10:28
Instrument ID:	GCMS1F	**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	297174	2.42	355879	3.81	501754	4.23	454256	6.66	232234	8.13
Upper Limit [a]	594348	2.92	711758	4.31	1003508	4.73	908512	7.16	464468	8.63
Lower Limit [b]	148587	1.92	177940	3.31	250877	3.73	227128	6.16	116117	7.63

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1F178-BS	314941	2.42	354888	3.81	485845	4.24	449404	6.66	225369	8.13
V1F178-MB	308535	2.42	337176	3.81	479183	4.23	430487	6.66	209625	8.13
ZZZZZZ	318407	2.42	344761	3.80	483717	4.23	431010	6.66	216823	8.13
ZZZZZZ	315782	2.42	334111	3.81	472914	4.23	422557	6.66	209144	8.13
ZZZZZZ	333784	2.42	336253	3.80	477643	4.23	424341	6.66	210353	8.13
ZZZZZZ	350934	2.42	332997	3.80	469522	4.23	422384	6.66	205044	8.13
ZZZZZZ	319483	2.42	325415	3.81	452972	4.23	405610	6.66	199551	8.13
ZZZZZZ	319442	2.42	332355	3.81	468226	4.23	418646	6.66	207956	8.13
ZZZZZZ	324638	2.42	329540	3.81	462450	4.23	415005	6.66	208729	8.13
JD65823-2	303846	2.42	329482	3.81	458971	4.23	410441	6.66	203968	8.13
JD65823-3	326232	2.42	329816	3.80	459646	4.23	417576	6.66	209755	8.13
JD65823-1MS	347208	2.43	344075	3.81	481383	4.24	437700	6.66	220932	8.13
JD65823-1MSD	334377	2.43	353205	3.81	485285	4.23	442576	6.66	219702	8.13
ZZZZZZ	345555	2.42	338290	3.80	475620	4.23	423346	6.66	211820	8.13
ZZZZZZ	321820	2.42	333907	3.81	469216	4.24	416300	6.66	207436	8.13
JD65823-11	316281	2.42	334276	3.80	465193	4.23	428284	6.66	213271	8.13
JD65823-12	288824	2.42	326703	3.81	455941	4.24	407754	6.66	201704	8.13
JD65823-1	303664	2.42	329881	3.80	459844	4.23	411175	6.66	203405	8.13
ZZZZZZ	312989	2.42	321416	3.81	462532	4.23	407148	6.66	199257	8.13
JD65823-4	308405	2.42	323274	3.80	448924	4.23	402478	6.66	196087	8.13
JD65823-5	330661	2.42	331219	3.81	464853	4.23	420684	6.66	210530	8.13

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: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Check Std:	V2R125-CC111	**Injection Date:**	05/23/23
Lab File ID:	2R03688.D	**Injection Time:**	08:39
Instrument ID:	GCMS2R	**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	586947	3.49	699065	5.03	1085555	5.65	1045395	7.82	487677	9.26
Upper Limit [a]	1173894	3.99	1398130	5.53	2171110	6.15	2090790	8.32	975354	9.76
Lower Limit [b]	293474	2.99	349533	4.53	542778	5.15	522698	7.32	243839	8.76

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2R125-BS	687046	3.50	861116	5.03	1284985	5.66	1232477	7.82	565374	9.26
V2R125-MB	619426	3.49	741979	5.03	1140777	5.66	1057002	7.82	433275	9.26
JD65823-6	630945	3.49	712880	5.03	1090536	5.66	1007742	7.82	420948	9.26
JD65823-7	529031	3.49	668429	5.03	1028629	5.65	943701	7.81	389427	9.26
JD65823-10	505622	3.48	671823	5.03	1027687	5.65	920019	7.81	390535	9.26
ZZZZZZ	599205	3.49	671058	5.03	1046243	5.66	969673	7.82	412292	9.26
ZZZZZZ	606211	3.49	650833	5.03	1000530	5.66	922140	7.82	395433	9.26
JD65823-6MS	690796	3.50	850741	5.03	1279753	5.66	1209893	7.82	562558	9.26
JD65823-7DUP	610521	3.50	719186	5.03	1100280	5.66	1006464	7.82	419199	9.26
ZZZZZZ	583880	3.49	700667	5.03	1072854	5.66	982636	7.82	412883	9.26
ZZZZZZ	600017	3.49	685510	5.03	1061712	5.65	981363	7.82	411395	9.26
ZZZZZZ	593521	3.49	671896	5.03	1041791	5.66	959074	7.82	410675	9.26
ZZZZZZ	546437	3.49	685084	5.03	1051519	5.66	966447	7.82	412620	9.26
ZZZZZZ	553410	3.49	671226	5.03	1042020	5.65	959733	7.82	402710	9.26
ZZZZZZ	522963	3.49	678631	5.03	1042244	5.66	791666	7.82	376253	9.26
ZZZZZZ	557029	3.49	658510	5.03	1017536	5.66	933841	7.82	395369	9.26
ZZZZZZ	564705	3.49	676583	5.03	1038934	5.66	959062	7.82	395852	9.26
ZZZZZZ	545195	3.49	670859	5.03	1050631	5.65	968672	7.82	401510	9.26
ZZZZZZ	560839	3.49	686987	5.03	1049799	5.65	970940	7.82	412355	9.26
ZZZZZZ	575534	3.48	690887	5.02	1067662	5.65	989151	7.82	412374	9.26
ZZZZZZ	511082	3.49	684568	5.03	1063914	5.66	927943	7.81	388638	9.26
ZZZZZZ	531195	3.49	683788	5.03	1058079	5.65	986633	7.81	411486	9.26

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: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Check Std:	VL10808-CC10779	**Injection Date:**	05/22/23
Lab File ID:	L355919.D	**Injection Time:**	09:07
Instrument ID:	GCMSL	**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	180051	3.00	259960	4.20	384177	4.77	344006	7.15	132782	9.34
Upper Limit [a]	360102	3.50	519920	4.70	768354	5.27	688012	7.65	265564	9.84
Lower Limit [b]	90026	2.50	129980	3.70	192089	4.27	172003	6.65	66391	8.84

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VL10808-BS	177204	2.99	251767	4.20	382575	4.77	358206	7.15	136112	9.34
VL10808-MB	229825	3.00	307677	4.20	442063	4.77	378073	7.15	155395	9.34
ZZZZZZ	199283	3.00	261411	4.21	362358	4.76	338332	7.15	141255	9.34
ZZZZZZ	219503	2.99	282262	4.20	410872	4.77	363936	7.15	139734	9.34
ZZZZZZ	200597	2.99	257111	4.20	372438	4.76	366330	7.15	140677	9.34
ZZZZZZ	250290	3.00	321136	4.20	459468	4.76	402064	7.15	164881	9.34
JD65823-8 [c]	253425	2.99	316144	4.20	454934	4.77	378384	7.15	160224	9.34
ZZZZZZ	209588	3.00	307327	4.20	447113	4.76	378271	7.15	154126	9.34
ZZZZZZ	214073	2.99	306263	4.20	443594	4.76	374426	7.15	154142	9.34
JD65823-1	217877	3.00	291655	4.20	434588	4.76	355406	7.15	153976	9.34
JD65823-2	245071	3.00	298192	4.20	446702	4.76	372709	7.15	158057	9.34
JD65823-3 [c]	235069	3.00	300570	4.20	450634	4.76	363326	7.15	150341	9.34
JD65823-9	224139	3.00	295161	4.20	437064	4.76	355510	7.15	150092	9.34
JD65823-8MS	195333	3.00	250567	4.20	384045	4.76	368666	7.15	136363	9.34
JD65823-8MSD	191560	2.99	249546	4.20	387676	4.76	362946	7.15	137023	9.34
JD65823-9	234303	2.99	296296	4.20	439764	4.76	380360	7.15	155755	9.34
ZZZZZZ	244441	3.00	304762	4.20	451023	4.76	393910	7.15	157883	9.34
ZZZZZZ	193595	3.00	293555	4.20	425876	4.77	364011	7.15	144319	9.34
ZZZZZZ	179995	3.00	259048	4.20	371291	4.76	354182	7.15	144861	9.34
ZZZZZZ	193719	3.00	283671	4.20	414250	4.76	352241	7.15	140772	9.34
ZZZZZZ	214563	3.00	308247	4.20	449924	4.76	388161	7.15	157992	9.34
ZZZZZZ	195516	3.00	294262	4.20	440520	4.76	383542	7.15	151677	9.34
ZZZZZZ	206775	3.00	290795	4.20	433244	4.76	373405	7.15	144018	9.34
ZZZZZZ	216144	3.00	290161	4.20	432290	4.77	368291	7.15	138971	9.34

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.
(c) Dilution required due to high concentration of target compound.

Surrogate Recovery Summary

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, 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
JD65823-1	L355930.D	109	107	113	103
JD65823-1	1F5309.D	100	110	98	100
JD65823-2	L355931.D	110	109	112	105
JD65823-2	1F5301.D	101	110	99	99
JD65823-3	L355932.D	109	104	113	104
JD65823-3	1F5302.D	102	112	99	98
JD65823-4	1F5311.D	100	107	99	100
JD65823-5	1F5312.D	100	111	98	100
JD65823-6	2R03695.D	111	95	104	102
JD65823-7	2R03696.D	110	93	103	103
JD65823-8	L355927.D	106	104	111	103
JD65823-9	L355936.D	110	104	108	105
JD65823-9	L355933.D	109	104	113	104
JD65823-10	2R03697.D	111	93	107	102
JD65823-11	1F5307.D	102	113	96	99
JD65823-12	1F5308.D	101	109	100	101
JD65823-1MS	1F5303.D	97	112	97	99
JD65823-1MSD	1F5304.D	96	104	97	99
JD65823-6MS	2R03700.D	105	85	100	101
JD65823-7DUP	2R03702.D	110	93	104	103
JD65823-8MS	L355934.D	111	99	94	108
JD65823-8MSD	L355935.D	109	97	96	107
V1F178-BS	1F5291.D	97	106	97	98
V1F178-MB	1F5293.D	102	109	99	102
V2R125-BS	2R03692.D	107	87	101	102
V2R125-MB	2R03694.D	111	95	102	105
VL10808-BS	L355920.D	107	97	95	107
VL10808-MB	L355922.D	105	107	107	104

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: JD65823 **Sample:** V1F156-ICC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4681.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Response Factor Report GCMS-F

Method : C:\MSDCHEM\1\METHODS\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Calibration Files
4 =1F4675.D 0.5 =1F4669.D 8 =1F4677.D 50 =1F4681.D
100 =1F4683.D 1 =1F4671.D 200 =1F4685.D 20 =1F4679.D
2 =1F4673.D 0.2 =1F4667.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											0.000	-1.00
3) tertiary butyl alcohol	1.474	1.472	1.418	1.487	1.425	1.711	1.418	1.481	1.539	1.660	1.509	6.69
4) 1,4-dioxane	0.112		0.109	0.109	0.101	0.117	0.094	0.109	0.119		0.109	7.48
5) I pentafluorobenzene	----------ISTD----------											
6) chlorodifluoromethane	0.609	0.665	0.599	0.598	0.574	0.730	0.574	0.614	0.623		0.621	7.95
7) dichlorodifluoromethane	0.506	0.469	0.487	0.476	0.457	0.610	0.445	0.502	0.468	0.413	0.483	10.82
8) chloromethane	0.498	0.538	0.477	0.459	0.433	0.565	0.440	0.478	0.514		0.489	9.03
9) vinyl chloride	0.464	0.444	0.447	0.440	0.424	0.479	0.422	0.455	0.412		0.443	4.80
10) 1,3-butadiene	0.615		0.476	0.474	0.450		0.445	0.498	0.506		0.495	11.66
11) bromomethane	0.130		0.125	0.151	0.168	0.151	0.187	0.140	0.121		0.146	15.33
12) chloroethane	0.337		0.283	0.243	0.211	0.437	0.191	0.271	0.345		0.290	27.81
----- Quadratic regression ----- Coefficient = 0.9984												
Response Ratio = 0.00442 + 0.25071 *A + -0.01567 *A^2												
13) trichlorofluoromethane	0.642	0.535	0.616	0.632	0.506	0.658	0.370	0.650	0.603	0.503	0.572	16.07
14) ethyl ether	0.209	0.248	0.203	0.211	0.208	0.224	0.208	0.205	0.209		0.214	6.65
15) acrolein	0.117	0.104	0.114	0.113	0.111	0.140	0.118	0.118	0.114		0.117	8.40
16) freon 113	0.309	0.255	0.300	0.294	0.283	0.322	0.282	0.298	0.311		0.295	6.65
17) 1,1-dichloroethene	0.493	0.466	0.479	0.480	0.480	0.527	0.492	0.485	0.449	0.449	0.480	4.75
18) acetone	0.081	0.088	0.075	0.077	0.078	0.103	0.083	0.078	0.085	0.086	0.083	9.55
19) acetonitrile	0.129		0.119	0.113	0.108	0.139	0.104	0.120	0.128		0.120	9.75
20) iodomethane	0.113		0.134	0.269	0.307		0.200	0.105			0.188	45.32
----- Quadratic regression ----- Coefficient = 0.9971												
Response Ratio = -0.00624 + 0.20414 *A + 0.05455 *A^2												

21) carbon disulfide
1.026 1.177 0.947 0.926 0.931 1.148 0.974 0.969 0.990 1.010 9.11
22) methylene chloride
0.353 0.330 0.333 0.326 0.320 0.388 0.331 0.335 0.343 0.340 6.02
23) methyl acetate
0.113 0.104 0.104 0.109 0.112 0.102 0.121 0.109 0.102 0.109 5.85
24) methyl tert butyl ether
1.112 1.164 1.087 1.097 1.100 1.185 1.138 1.098 1.068 1.119 1.117 3.23
25) trans-1,2-dichloroethene
0.512 0.546 0.482 0.488 0.489 0.581 0.508 0.491 0.485 0.455 0.504 7.12
26) hexane
0.857 1.019 0.801 0.832 0.831 0.926 0.882 0.828 0.858 0.871 7.64
27) di-isopropyl ether
1.443 1.531 1.364 1.387 1.389 1.473 1.468 1.382 1.411 1.456 1.430 3.68
28) ethyl tert-butyl ether
1.289 1.224 1.230 1.261 1.269 1.355 1.330 1.250 1.174 1.442 1.282 5.96
29) 2-butanone
0.097 0.077 0.097 0.094 0.095 0.103 0.099 0.095 0.098 0.085 0.094 8.01
30) 1,1-dichloroethane
0.684 0.614 0.655 0.669 0.661 0.775 0.682 0.670 0.667 0.624 0.670 6.47
31) chloroprene
0.632 0.613 0.594 0.613 0.622 0.678 0.644 0.626 0.619 0.727 0.637 6.08
32) acrylonitrile
0.242 0.209 0.241 0.250 0.245 0.264 0.253 0.253 0.222 0.242 7.06
33) vinyl acetate *This compound fails initial calibration criteria.*
0.056 0.051 0.045 0.043 0.056 0.050 0.063 0.052 13.49
34) ethyl acetate
0.086 0.083 0.081 0.082 0.085 0.084 0.082 0.077 0.083 3.19
35) 2,2-dichloropropane
0.559 0.527 0.492 0.482 0.464 0.588 0.471 0.485 0.487 0.585 0.514 9.18
36) cis-1,2-dichloroethene
0.381 0.357 0.354 0.360 0.345 0.361 0.369 0.357 0.373 0.396 0.365 4.05
37) propionitrile
0.131 0.128 0.127 0.132 0.132 0.144 0.141 0.131 0.129 0.136 0.133 4.16
38) methyl acrylate
0.094 0.096 0.093 0.095 0.103 0.098 0.091 0.078 0.094 7.84
39) bromochloromethane
0.195 0.185 0.191 0.180 0.176 0.206 0.177 0.190 0.183 0.187 5.20
40) tetrahydrofuran
0.106 0.105 0.102 0.103 0.110 0.105 0.117 0.107 4.72
41) chloroform
0.213 0.259 0.202 0.198 0.192 0.264 0.197 0.209 0.209 0.216 12.44
42) dibromofluoromethane (s)
0.452 0.451 0.446 0.429 0.424 0.449 0.433 0.439 0.451 0.453 0.443 2.43
43) methacrylonitrile
0.251 0.228 0.252 0.251 0.304 0.260 0.243 0.268 0.257 8.70
44) 1,1,1-trichloroethane
0.580 0.519 0.569 0.558 0.549 0.661 0.556 0.565 0.556 0.522 0.563 6.96
45) cyclohexane
0.492 0.510 0.478 0.504 0.505 0.525 0.510 0.496 0.436 0.499 0.495 4.91
46) 1,1-dichloropropene
0.475 0.420 0.458 0.471 0.472 0.513 0.482 0.481 0.471 0.528 0.477 6.16
47) carbon tetrachloride
0.519 0.540 0.502 0.496 0.490 0.585 0.501 0.522 0.522 0.520 5.62
48) isobutyl alcohol
0.046 0.047 0.044 0.050 0.053 0.051 0.059 0.047 0.045 0.049 10.08
49) tert-amyl alcohol
0.053 0.050 0.048 0.048 0.055 0.053 0.049 0.054 0.051 5.77

Initial Calibration Summary

Job Number: JD65823 **Sample:** V1F156-ICC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4681.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

50) I 1,4-difluorobenzene ----------ISTD----------
51) 1,2-dichloroethane-d4 (s)
0.359 0.360 0.353 0.342 0.350 0.363 0.352 0.351 0.349 0.362 0.354 1.89
52) iso-octane
0.940 0.919 0.875 0.946 0.943 1.030 1.018 0.890 0.952 0.980 0.949 5.23
53) benzene
1.018 0.993 0.947 0.981 0.978 1.072 1.000 0.975 0.972 1.053 0.999 3.88
54) tert-amyl methyl ether
0.819 0.836 0.760 0.810 0.820 0.905 0.844 0.790 0.802 0.821 4.89
55) heptane
0.178 0.168 0.162 0.180 0.182 0.203 0.189 0.169 0.179 0.179 6.84
56) isopropyl acetate
0.080 0.085 0.082 0.085 0.077 0.088 0.084 0.086 0.083 4.09
57) 1,2-dichloroethane
0.442 0.521 0.396 0.399 0.394 0.521 0.394 0.402 0.445 0.435 12.11
58) n-butyl alcohol
0.024 0.022 0.023 0.025 0.026 0.025 0.028 0.025 0.024 0.025 6.87
59) ethyl acrylate
0.554 0.518 0.562 0.579 0.603 0.606 0.544 0.525 0.561 5.89
60) trichloroethene
0.315 0.289 0.289 0.306 0.306 0.301 0.298 0.307 0.309 0.283 0.300 3.41
61) 2-nitropropane
0.000 -1.00
62) 2-chloroethyl vinyl ether
0.207 0.194 0.203 0.221 0.224 0.218 0.235 0.212 0.207 0.220 0.214 5.56
63) methyl methacrylate
0.091 0.083 0.093 0.094 0.089 0.097 0.090 0.089 0.091 4.48
64) 1,2-dichloropropane
0.274 0.271 0.269 0.284 0.285 0.311 0.291 0.276 0.283 0.283 4.52
65) methylcyclohexane
0.433 0.420 0.398 0.404 0.401 0.411 0.410 0.396 0.398 0.408 3.00
66) dibromomethane
0.189 0.219 0.181 0.182 0.179 0.210 0.182 0.179 0.186 0.190 7.67
67) bromodichloromethane
0.369 0.404 0.348 0.361 0.364 0.390 0.368 0.361 0.360 0.392 0.372 4.76
68) epichlorohydrin
0.000 -1.00
69) cis-1,3-dichloropropene
0.446 0.443 0.412 0.435 0.437 0.483 0.449 0.424 0.439 0.461 0.443 4.36
70) 4-methyl-2-pentanone
0.194 0.191 0.187 0.210 0.216 0.204 0.229 0.197 0.186 0.190 0.200 7.15
71) 3-methyl-1-butanol
0.019 0.016 0.019 0.021 0.022 0.018 0.024 0.020 0.020 0.019 0.020 11.32

72) I chlorobenzene-d5 ----------ISTD----------
73) toluene-d8 (s)
1.285 1.294 1.309 1.263 1.268 1.276 1.272 1.272 1.310 1.279 1.283 1.29
74) toluene
0.730 0.767 0.696 0.707 0.709 0.785 0.724 0.716 0.717 0.737 0.729 3.81
75) ethyl methacrylate
0.421 0.368 0.416 0.428 0.440 0.462 0.459 0.419 0.388 0.413 0.421 6.89
76) trans-1,3-dichloropropene
0.483 0.477 0.455 0.474 0.474 0.525 0.482 0.472 0.452 0.496 0.479 4.31
77) 1,1,2-trichloroethane
0.241 0.228 0.229 0.238 0.238 0.283 0.242 0.238 0.240 0.295 0.247 9.19
78) tetrachloroethene
0.346 0.326 0.328 0.338 0.334 0.360 0.331 0.338 0.344 0.403 0.345 6.60
79) 2-hexanone
0.244 0.235 0.231 0.252 0.259 0.256 0.281 0.248 0.231 0.228 0.247 6.64
80) 1,3-dichloropropane

```
      0.466 0.433 0.445 0.465 0.461 0.546 0.471 0.460 0.511 0.517  0.477    7.43
 81)  butyl acetate
      0.296 0.297 0.279 0.302 0.313 0.331 0.332 0.301 0.279 0.255  0.298    7.96
 82)  dibromochloromethane
      0.333 0.333 0.316 0.333 0.331 0.374 0.345 0.326 0.342 0.353  0.339    4.72
 83)  1,2-dibromoethane
      0.317 0.350 0.310 0.311 0.310 0.379 0.316 0.312 0.330 0.335  0.327    6.90
 84)  n-butyl ether
      1.318 1.360 1.272 1.352 1.391 1.362 1.493 1.315 1.282        1.349    4.93
 85)  chlorobenzene
      0.878 0.833 0.821 0.853 0.847 0.954 0.883 0.865 0.854 0.934  0.872    4.86
 86)  1,1,1,2-tetrachloroethane
      0.312 0.270 0.296 0.303 0.304 0.335 0.310 0.304 0.274 0.309  0.302    6.21
 87)  ethylbenzene
      1.366 1.383 1.344 1.411 1.423 1.450 1.498 1.376 1.367 1.600  1.422    5.47
 88)  m,p-xylene
      0.533 0.485 0.521 0.543 0.546 0.558 0.566 0.539 0.523 0.489  0.530    5.04
 89)  o-xylene
      0.505 0.504 0.488 0.527 0.526 0.564 0.545 0.519 0.512 0.574  0.526    5.16
 90)  styrene
      0.844 0.782 0.825 0.900 0.916 0.876 0.956 0.867 0.844 0.726  0.854    7.79
 91)  bromoform
      0.250 0.245 0.231 0.259 0.272 0.268 0.278 0.248 0.252        0.256    5.76
 92)  butyl acrylate
      0.756 0.710 0.724 0.801 0.829 0.736 0.877 0.761 0.724 0.703  0.762    7.47
 93)  isopropylbenzene
      1.317 1.252 1.271 1.363 1.393 1.360 1.470 1.341 1.297 1.375  1.344    4.74
 94)  cis-1,4-dichloro-2-butene
      0.182       0.176 0.197 0.205 0.171 0.215 0.188 0.160        0.187    9.67

 95) I   1,4-dichlorobenzene-d ----------------ISTD---------------------
 96)  4-bromofluorobenzene (s)
      0.950 0.951 0.943 0.942 0.943 0.951 0.980 0.958 0.967 0.947  0.953    1.28
 97)  bromobenzene
      0.758 0.738 0.723 0.734 0.728 0.777 0.759 0.757 0.735 0.687  0.740    3.37
 98)  1,1,2,2-tetrachloroethane
      0.902 0.891 0.858 0.859 0.853 1.045 0.947 0.847 0.979 0.925  0.910    7.09
 99)  trans-1,4-dichloro-2-butene
      0.399 0.256 0.313 0.324 0.332 0.367 0.361 0.330 0.310        0.332   12.24
100)  1,2,3-trichloropropane
      0.313 0.304 0.289 0.300 0.296 0.336 0.301 0.300 0.306        0.305    4.42
101)  n-propylbenzene
      3.247 2.985 3.152 3.337 3.376 3.495 3.627 3.290 3.230 3.199  3.294    5.46
102)  2-chlorotoluene
      0.652 0.653 0.662 0.674 0.675 0.714 0.696 0.676 0.716 0.630  0.675    4.11
103)  4-chlorotoluene
      1.993 1.797 1.945 2.014 2.019 2.237 2.153 1.985 2.108 2.228  2.048    6.62
104)  1,3,5-trimethylbenzene
      2.307 2.249 2.201 2.371 2.366 2.371 2.502 2.365 2.308 2.026  2.307    5.54
105)  tert-butylbenzene
      1.926 1.998 1.873 2.024 1.995 2.201 2.101 1.971 1.902 1.857  1.985    5.35
106)  1,2,4-trimethylbenzene
      2.349 2.179 2.310 2.461 2.485 2.479 2.628 2.457 2.350 2.343  2.404    5.14
107)  sec-butylbenzene
      2.742 2.443 2.736 2.928 2.939 2.976 3.117 2.833 2.671 2.975  2.836    6.83
108)  1,3-dichlorobenzene
      1.396 1.266 1.315 1.404 1.404 1.486 1.456 1.394 1.308 1.615  1.404    7.13
109)  p-isopropyltoluene
      2.378 2.287 2.357 2.559 2.551 2.475 2.708 2.509 2.367 2.122  2.431    6.78
110)  1,4-dichlorobenzene
```

Initial Calibration Summary

Job Number: JD65823 **Sample:** V1F156-ICC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4681.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

```
       1.382 1.416 1.357 1.365 1.353 1.503 1.395 1.376 1.378 1.545  1.407    4.62
111)  1,2-dichlorobenzene
       1.404 1.383 1.358 1.375 1.352 1.525 1.392 1.353 1.325 1.297  1.376    4.44
112)  1,2,3-trimethylbenzene
       2.453 2.414 2.355 2.461 2.447 2.613 2.587 2.447 2.508 2.745  2.503    4.58
113)  n-butylbenzene
       1.260 1.127 1.232 1.306 1.320 1.202 1.382 1.274 1.232 1.240  1.258    5.54
114)  1,2-dibromo-3-chloropropane
       0.327 0.323 0.328 0.335 0.335 0.331 0.349 0.344 0.340 0.355  0.337    3.09
115)  1,3,5-trichlorobenzene
       0.984 0.926 0.958 1.001 0.968 1.014 1.030 0.993 1.008 0.983  0.986    3.05
116)  1,2,4-trichlorobenzene
       0.863 0.705 0.810 0.894 0.879 0.912 0.939 0.857 0.838 0.995  0.869    9.00
117)  hexachlorobutadiene
       0.347 0.265 0.313 0.336 0.320 0.348 0.344 0.335 0.316        0.325    8.01
118)  naphthalene
       2.655 2.432 2.576 2.859 2.976 2.690 3.218 2.756 2.593 2.713  2.747    8.15
119)  1,2,3-trichlorobenzene
       0.789 0.695 0.777 0.872 0.865 0.837 0.898 0.843 0.843 0.840  0.826    7.07
120)  hexachloroethane
       0.329 0.337 0.343 0.397 0.407 0.346 0.442 0.365 0.314        0.364   11.57
121)  benzyl chloride
       0.340 0.316 0.343 0.355 0.353 0.377 0.354 0.347 0.325        0.345    5.16
122)  2-methylnaphthalene
       1.071 1.088 1.041 0.970 0.980 1.432 1.082 0.960 1.235        1.096   13.84
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           M1F156.M          Tue May 02 08:49:22 2023
```

Initial Calibration Verification

Job Number: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\VF156\1F4691.D Vial: 14
Acq On : 30 Apr 2023 6:09 am Operator: PrashanS
Sample : ICV156-50 Inst : GCMS-F
Misc : MS68327,V1F156,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Mon May 01 13:25:25 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	109	0.00	2.43
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol	1.509	1.476	2.2	108	0.00	2.47
4		1,4-dioxane	0.109	0.111	-1.8	111	0.00	4.90
5	I	pentafluorobenzene	1.000	1.000	0.0	103	0.00	3.81
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane	0.483	0.475	1.7	103	0.00	1.00
8		chloromethane	0.489	0.508	-3.9	114	0.00	1.14
9		vinyl chloride	0.443	0.493	-11.3	116	0.00	1.17
10		1,3-butadiene	0.495	0.451	8.9	98	0.00	1.18
11		bromomethane	0.146	0.170	-16.4	116	0.00	1.38
		----------	True	Calc.	% Drift	----------		
12		chloroethane	50.000	58.616	-17.2	118	0.00	1.45
		----------	AvgRF	CCRF	% Dev	----------		
13		trichlorofluoromethane	0.572	0.708	-23.8	116	0.00	1.53
14		ethyl ether	0.214	0.210	1.9	103	0.00	1.74
15		acrolein	0.117	0.132	-12.8	120	0.00	2.06
16		freon 113	0.295	0.289	2.0	102	0.00	1.88
17		1,1-dichloroethene	0.480	0.563	-17.3	121	0.00	1.85
18		acetone	0.083	0.081	2.4	108	0.00	2.25
19		acetonitrile	0.120	0.116	3.3	106	0.00	2.55
		----------	True	Calc.	% Drift	----------		
20		iodomethane	50.000	48.308	3.4	93	0.00	1.94
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide	1.010	0.972	3.8	108	0.00	1.86
22		methylene chloride	0.340	0.343	-0.9	109	0.00	2.22
23		methyl acetate	0.109	0.115	-5.5	109	0.00	2.34
24		methyl tert butyl ether	1.117	1.142	-2.2	107	0.00	2.40
25		trans-1,2-dichloroethene	0.504	0.534	-6.0	113	0.00	2.32
26		hexane	0.871	0.875	-0.5	109	0.00	2.38
27		di-isopropyl ether	1.430	1.397	2.3	104	0.00	2.66
28		ethyl tert-butyl ether	1.282	1.268	1.1	104	0.00	2.90
29		2-butanone	0.094	0.103	-9.6	114	0.00	3.53
30	M	1,1-dichloroethane	0.670	0.711	-6.1	110	0.00	2.72
31		chloroprene	0.637	0.655	-2.8	110	0.00	2.71
32		acrylonitrile	0.242	0.250	-3.3	103	0.00	2.76
33		vinyl acetate	0.052	0.033	36.5#	77	0.00	2.91

Initial Calibration Verification

Job Number: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

34		ethyl acetate	0.083	0.082	1.2	104	0.00	3.40
35		2,2-dichloropropane	0.514	0.485	5.6	104	0.00	3.18
36		cis-1,2-dichloroethene	0.365	0.374	-2.5	107	0.00	3.10
37		propionitrile	0.133	0.131	1.5	102	0.00	3.75
38		methyl acrylate	0.094	0.100	-6.4	111	0.00	3.40
39		bromochloromethane	0.187	0.186	0.5	107	0.00	3.24
40		tetrahydrofuran	0.107	0.106	0.9	108	0.00	3.41
41		chloroform	0.216	0.209	3.2	109	0.00	3.30
42	S	dibromofluoromethane (s)	0.443	0.423	4.5	102	0.00	3.44
43		methacrylonitrile	0.257	0.255	0.8	105	0.00	3.76
44		1,1,1-trichloroethane	0.563	0.591	-5.0	109	0.00	3.45
45		cyclohexane	0.495	0.587	-18.6	120	0.00	3.24
46		1,1-dichloropropene	0.477	0.515	-8.0	113	0.00	3.54
47		carbon tetrachloride	0.520	0.525	-1.0	109	0.00	3.40
48		isobutyl alcohol	0.049	0.050	-2.0	103	0.00	3.94
49		tert-amyl alcohol	0.051	0.049	3.9	104	0.00	4.01
50	I	1,4-difluorobenzene	1.000	1.000	0.0	105	0.00	4.24
51	S	1,2-dichloroethane-d4 (s)	0.354	0.337	4.8	104	0.00	3.84
52		iso-octane	0.949	0.830	12.5	92	0.00	3.64
53	M	benzene	0.999	1.013	-1.4	109	0.00	3.73
54		tert-amyl methyl ether	0.821	0.785	4.4	102	0.00	3.84
55		heptane	0.179	0.177	1.1	103	0.00	3.73
56		isopropyl acetate	0.083	0.083	0.0	106	0.00	4.12
57		1,2-dichloroethane	0.435	0.393	9.7	104	0.00	3.89
58		n-butyl alcohol	0.025	0.026	-4.0	109	0.00	4.53
59		ethyl acrylate	0.561	0.578	-3.0	108	0.00	4.70
60		trichloroethene	0.300	0.322	-7.3	111	0.00	4.21
61		2-nitropropane		----------NA----------				
62		2-chloroethyl vinyl ether	0.214	0.172	19.6	82	0.00	5.27
63		methyl methacrylate	0.091	0.115	-26.4	130	0.00	4.88
64		1,2-dichloropropane	0.283	0.281	0.7	104	0.00	4.64
65		methylcyclohexane	0.408	0.405	0.7	106	0.00	4.20
66		dibromomethane	0.190	0.182	4.2	105	0.00	4.55
67		bromodichloromethane	0.372	0.358	3.8	104	0.00	4.72
68		epichlorohydrin		----------NA----------				
69		cis-1,3-dichloropropene	0.443	0.410	7.4	99	0.00	5.30
70		4-methyl-2-pentanone	0.200	0.211	-5.5	105	0.00	5.85
71		3-methyl-1-butanol	0.020	0.021	-5.0	108	0.00	5.71
72	I	chlorobenzene-d5	1.000	1.000	0.0	103	0.00	6.66
73	S	toluene-d8 (s)	1.283	1.283	0.0	105	0.00	5.47
74		toluene	0.729	0.728	0.1	106	0.00	5.52
75		ethyl methacrylate	0.421	0.365	13.3	88	0.00	6.03
76		trans-1,3-dichloropropene	0.479	0.448	6.5	98	0.00	5.88
77		1,1,2-trichloroethane	0.247	0.236	4.5	102	0.00	6.00
78		tetrachloroethene	0.345	0.635	-84.1#	194	0.00	5.84
79		2-hexanone	0.247	0.253	-2.4	104	0.00	6.48
80		1,3-dichloropropane	0.477	0.472	1.0	105	0.00	6.20
81		butyl acetate	0.298	0.315	-5.7	108	0.00	6.44
82		dibromochloromethane	0.339	0.329	2.9	102	0.00	6.13
83		1,2-dibromoethane	0.327	0.309	5.5	103	0.00	6.29
84		n-butyl ether	1.349	1.431	-6.1	109	0.00	6.65
85		chlorobenzene	0.872	0.849	2.6	103	0.00	6.67
86		1,1,1,2-tetrachloroethane	0.302	0.304	-0.7	104	0.00	6.73
87		ethylbenzene	1.422	1.416	0.4	104	0.00	6.71
88		m,p-xylene	0.530	0.553	-4.3	105	0.00	6.81
89		o-xylene	0.526	0.528	-0.4	104	0.00	7.09
90		styrene	0.854	0.753	11.8	86	0.00	7.12
91		bromoform	0.256	0.259	-1.2	103	0.00	7.13

Initial Calibration Verification

Job Number: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

92		butyl acrylate	0.762	0.813	-6.7	105	0.00	7.22
93		isopropylbenzene	1.344	1.396	-3.9	106	0.00	7.30
94		cis-1,4-dichloro-2-butene	0.187	0.186	0.5	97	0.00	7.51
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	102	0.00	8.13
96	S	4-bromofluorobenzene (s)	0.953	0.945	0.8	103	0.00	7.46
97		bromobenzene	0.740	0.733	0.9	102	0.00	7.52
98		1,1,2,2-tetrachloroethane	0.910	0.809	11.1	97	0.00	7.60
99		trans-1,4-dichloro-2-bute	0.332	0.351	-5.7	111	0.00	7.70
100		1,2,3-trichloropropane	0.305	0.297	2.6	101	0.00	7.67
101		n-propylbenzene	3.294	3.352	-1.8	103	0.00	7.55
102		2-chlorotoluene	0.675	0.686	-1.6	104	0.00	7.64
103		4-chlorotoluene	2.048	2.041	0.3	104	0.00	7.74
104		1,3,5-trimethylbenzene	2.307	2.389	-3.6	103	0.00	7.67
105		tert-butylbenzene	1.985	2.045	-3.0	103	0.00	7.86
106		1,2,4-trimethylbenzene	2.404	2.429	-1.0	101	0.00	7.90
107		sec-butylbenzene	2.836	2.969	-4.7	104	0.00	7.97
108		1,3-dichlorobenzene	1.404	1.393	0.8	102	0.00	8.09
109		p-isopropyltoluene	2.431	2.556	-5.1	102	0.00	8.05
110		1,4-dichlorobenzene	1.407	1.432	-1.8	107	0.00	8.14
111		1,2-dichlorobenzene	1.376	1.356	1.5	101	0.00	8.38
112		1,2,3-trimethylbenzene		----------NA----------				
113		n-butylbenzene	1.258	1.305	-3.7	102	0.00	8.30
114		1,2-dibromo-3-chloropropa	0.337	0.344	-2.1	105	0.00	8.84
115		1,3,5-trichlorobenzene	0.986	1.065	-8.0	109	0.00	8.85
116		1,2,4-trichlorobenzene	0.869	0.877	-0.9	100	0.00	9.22
117		hexachlorobutadiene	0.325	0.341	-4.9	104	0.00	9.21
118		naphthalene	2.747	2.898	-5.5	104	0.00	9.40
119		1,2,3-trichlorobenzene	0.826	0.869	-5.2	102	0.00	9.50
120		hexachloroethane	0.364	0.409	-12.4	106	0.00	8.37
121		benzyl chloride	0.345	0.329	4.6	95	0.00	8.29
122		2-methylnaphthalene	1.096	1.019	7.0	108	0.00	9.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1F4681.D M1F156.M Mon May 01 14:25:17 2023

Initial Calibration Verification

Job Number: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4693.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\VF156\1F4693.D Vial: 15
Acq On : 30 Apr 2023 6:50 am Operator: PrashanS
Sample : ICV156-50 Inst : GCMS-F
Misc : MS68327,V1F156,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Mon May 01 13:25:25 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	97	0.00	2.43
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	98	0.00	3.81
6		chlorodifluoromethane	0.621	0.642	-3.4	105	0.00	1.04
7		dichlorodifluoromethane		----------NA----------				
8		chloromethane		----------NA----------				
9		vinyl chloride		----------NA----------				
10		1,3-butadiene		----------NA----------				
11		bromomethane		----------NA----------				
		----------	True	Calc.	% Drift	----------		
12		chloroethane		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
13		trichlorofluoromethane		----------NA----------				
14		ethyl ether		----------NA----------				
15		acrolein		----------NA----------				
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone		----------NA----------				
19		acetonitrile	0.120	0.125	-4.2	108	0.00	2.55
		----------	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	0.242	0.248	-2.5	97	0.00	2.76
33		vinyl acetate		----------NA----------				

Initial Calibration Verification

Job Number: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4693.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

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)	0.443	0.441	0.5	101	0.00	3.44	
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	101	0.00	4.24	
51	S	1,2-dichloroethane-d4 (s)	0.354	0.343	3.1	101	0.00	3.84	
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	96	0.00	6.66	
73	S	toluene-d8 (s)	1.283	1.303	-1.6	99	0.00	5.47	
74		toluene		----------NA----------					
75		ethyl methacrylate		----------NA----------					
76		trans-1,3-dichloropropene		----------NA----------					
77		1,1,2-trichloroethane		----------NA----------					
78		tetrachloroethene	0.345	0.323	6.4	92	0.00	5.84	
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: JD65823 **Sample:** V1F156-ICV156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F4693.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

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	94	0.00	8.13
96	S	4-bromofluorobenzene (s)	0.953	0.957	-0.4	96	0.00	7.46
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	2.503	2.552	-2.0	98	0.00	8.16
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
1F4681.D M1F156.M Mon May 01 13:40:45 2023

6.9.3

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5288.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\a...-2023\V1F178\1F5288.d Vial: 3
Acq On : 19 May 2023 10:28 am Operator: nickw
Sample : cc156-20 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Tue May 02 08:42:01 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	81	-0.02	2.42
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol	1.509	1.423	5.7	78	-0.02	2.46
4		1,4-dioxane	0.109	0.068	37.6#	50	0.00	4.90
5	I	pentafluorobenzene	1.000	1.000	0.0	91	0.00	3.81
6		chlorodifluoromethane	0.621	0.543	12.6	80	0.00	1.04
7		dichlorodifluoromethane	0.483	0.504	-4.3	91	0.00	1.00
8		chloromethane	0.489	0.598	-22.3#	113	0.00	1.14
9		vinyl chloride	0.443	0.482	-8.8	96	0.00	1.17
10		1,3-butadiene	0.495	0.472	4.6	86	0.00	1.18
11		bromomethane	0.146	0.150	-2.7	97	0.00	1.37
		----------	True	Calc.	% Drift	----------		
12		chloroethane	20.000	19.656	1.7	84	0.00	1.45
		----------	AvgRF	CCRF	% Dev	----------		
13		trichlorofluoromethane	0.572	0.576	-0.7	80	0.00	1.54
14		ethyl ether	0.214	0.185	13.6	82	0.00	1.74
15		acrolein	0.117	0.160	-36.8#	122	-0.01	2.06
16		freon 113	0.295	0.269	8.8	82	0.00	1.88
17		1,1-dichloroethene	0.480	0.473	1.5	88	0.00	1.85
18		acetone	0.083	0.074	10.8	85	-0.01	2.25
19		acetonitrile	0.120	0.120	0.0	91	0.00	2.55
		----------	True	Calc.	% Drift	----------		
20		iodomethane	20.000	21.778	-8.9	105	0.00	1.94
		----------	AvgRF	CCRF	% Dev	----------		
21		carbon disulfide	1.010	0.823	18.5	77	0.00	1.86
22		methylene chloride	0.340	0.310	8.8	84	0.00	2.22
23		methyl acetate	0.109	0.098	10.1	82	0.00	2.33
24		methyl tert butyl ether	1.117	1.082	3.1	89	-0.01	2.39
25		trans-1,2-dichloroethene	0.504	0.492	2.4	91	0.00	2.32
26		hexane	0.871	0.872	-0.1	95	0.00	2.38
27		di-isopropyl ether	1.430	1.547	-8.2	101	0.00	2.66
28		ethyl tert-butyl ether	1.282	1.281	0.1	93	0.00	2.90
29		2-butanone	0.094	0.088	6.4	84	0.00	3.53
30	M	1,1-dichloroethane	0.670	0.672	-0.3	91	0.00	2.72
31		chloroprene	0.637	0.655	-2.8	95	0.00	2.71
32		acrylonitrile	0.242	0.281	-16.1	101	0.00	2.76
33		vinyl acetate	0.052	0.082	-57.7#	149	0.00	2.90

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5288.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

34		ethyl acetate	0.083	0.076	8.4	84	0.00	3.40
35		2,2-dichloropropane	0.514	0.549	-6.8	103	0.00	3.18
36		cis-1,2-dichloroethene	0.365	0.337	7.7	86	0.00	3.10
37		propionitrile	0.133	0.133	0.0	92	0.00	3.74
38		methyl acrylate	0.094	0.088	6.4	88	0.00	3.40
39		bromochloromethane	0.187	0.176	5.9	84	0.00	3.24
40		tetrahydrofuran	0.107	0.097	9.3	84	-0.01	3.41
41		chloroform	0.216	0.223	-3.2	97	0.00	3.30
42	S	dibromofluoromethane (s)	0.443	0.441	0.5	91	0.00	3.43
43		methacrylonitrile	0.257	0.246	4.3	92	0.00	3.76
44		1,1,1-trichloroethane	0.563	0.558	0.9	89	0.00	3.44
45		cyclohexane	0.495	0.473	4.4	86	0.00	3.24
46		1,1-dichloropropene	0.477	0.445	6.7	84	0.00	3.54
47		carbon tetrachloride	0.520	0.498	4.2	86	0.00	3.40
48		isobutyl alcohol	0.049	0.044	10.2	86	0.00	3.93
49		tert-amyl alcohol	0.051	0.048	5.9	90	-0.01	4.00
50	I	1,4-difluorobenzene	1.000	1.000	0.0	89	0.00	4.23
51	S	1,2-dichloroethane-d4 (s)	0.354	0.395	-11.6	101	0.00	3.83
52		iso-octane	0.949	0.985	-3.8	99	0.00	3.63
53	M	benzene	0.999	0.896	10.3	82	0.00	3.73
54		tert-amyl methyl ether	0.821	0.763	7.1	86	0.00	3.84
55		heptane	0.179	0.200	-11.7	106	0.00	3.72
56		isopropyl acetate	0.083	0.074	10.8	79	0.00	4.11
57		1,2-dichloroethane	0.435	0.428	1.6	95	0.00	3.89
58		n-butyl alcohol	0.025	0.020	20.0#	73	-0.01	4.52
59		ethyl acrylate	0.561	0.571	-1.8	94	0.00	4.69
60		trichloroethene	0.300	0.266	11.3	77	0.00	4.20
61		2-nitropropane	0.000	0.728	0.0	0#	0.00	5.71
62		2-chloroethyl vinyl ether	0.214	0.198	7.5	84	0.00	5.26
63		methyl methacrylate	0.091	0.086	5.5	86	0.00	4.88
64		1,2-dichloropropane	0.283	0.281	0.7	91	0.00	4.64
65		methylcyclohexane	0.408	0.419	-2.7	95	0.00	4.20
66		dibromomethane	0.190	0.172	9.5	86	0.00	4.55
67		bromodichloromethane	0.372	0.362	2.7	90	0.00	4.71
68		epichlorohydrin	0.000	0.044	0.0	0#	0.00	5.26
69		cis-1,3-dichloropropene	0.443	0.421	5.0	89	0.00	5.30
70		4-methyl-2-pentanone	0.200	0.209	-4.5	95	0.00	5.85
71		3-methyl-1-butanol	0.020	0.016	20.0	71	0.00	5.71
72	I	chlorobenzene-d5	1.000	1.000	0.0	91	0.00	6.66
73	S	toluene-d8 (s)	1.283	1.258	1.9	89	0.00	5.47
74		toluene	0.729	0.656	10.0	83	0.00	5.52
75		ethyl methacrylate	0.421	0.384	8.8	83	0.00	6.03
76		trans-1,3-dichloropropene	0.479	0.466	2.7	89	0.00	5.88
77		1,1,2-trichloroethane	0.247	0.232	6.1	88	0.00	6.00
78		tetrachloroethene	0.345	0.315	8.7	84	0.00	5.84
79		2-hexanone	0.247	0.258	-4.5	94	0.00	6.48
80		1,3-dichloropropane	0.477	0.446	6.5	88	0.00	6.20
81		butyl acetate	0.298	0.315	-5.7	95	0.00	6.44
82		dibromochloromethane	0.339	0.330	2.7	92	0.00	6.13
83		1,2-dibromoethane	0.327	0.293	10.4	85	0.00	6.29
84		n-butyl ether	1.349	1.365	-1.2	94	0.00	6.65
85		chlorobenzene	0.872	0.792	9.2	83	0.00	6.67
86		1,1,1,2-tetrachloroethane	0.302	0.294	2.6	88	0.00	6.73
87		ethylbenzene	1.422	1.326	6.8	87	0.00	6.70
88		m,p-xylene	0.530	0.506	4.5	85	0.00	6.81
89		o-xylene	0.526	0.478	9.1	83	0.00	7.09
90		styrene	0.854	0.814	4.7	85	0.00	7.12
91		bromoform	0.256	0.261	-2.0	95	0.00	7.13

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5288.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

92		butyl acrylate	0.762	0.805	-5.6	96	0.00	7.22
93		isopropylbenzene	1.344	1.284	4.5	87	0.00	7.29
94		cis-1,4-dichloro-2-butene	0.187	0.194	-3.7	93	0.00	7.51
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	94	0.00	8.13
96	S	4-bromofluorobenzene (s)	0.953	0.939	1.5	92	0.00	7.46
97		bromobenzene	0.740	0.688	7.0	86	0.00	7.52
98		1,1,2,2-tetrachloroethane	0.910	0.870	4.4	97	0.00	7.60
99		trans-1,4-dichloro-2-bute	0.332	0.439	-32.2#	125	0.00	7.70
100		1,2,3-trichloropropane	0.305	0.267	12.5	84	0.00	7.67
101		n-propylbenzene	3.294	3.055	7.3	87	0.00	7.55
102		2-chlorotoluene	0.675	0.627	7.1	87	0.00	7.64
103		4-chlorotoluene	2.048	1.900	7.2	90	0.00	7.74
104		1,3,5-trimethylbenzene	2.307	2.136	7.4	85	0.00	7.67
105		tert-butylbenzene	1.985	1.777	10.5	85	0.00	7.86
106		1,2,4-trimethylbenzene	2.404	2.235	7.0	86	0.00	7.90
107		sec-butylbenzene	2.836	2.634	7.1	88	0.00	7.96
108		1,3-dichlorobenzene	1.404	1.310	6.7	89	0.00	8.08
109		p-isopropyltoluene	2.431	2.274	6.5	85	0.00	8.05
110		1,4-dichlorobenzene	1.407	1.269	9.8	87	0.00	8.14
111		1,2-dichlorobenzene	1.376	1.240	9.9	86	0.00	8.38
112		1,2,3-trimethylbenzene	2.503	2.217	11.4	85	0.00	8.16
113		n-butylbenzene	1.258	1.216	3.3	90	0.00	8.29
114		1,2-dibromo-3-chloropropa	0.337	0.306	9.2	84	0.00	8.83
115		1,3,5-trichlorobenzene	0.986	0.912	7.5	87	0.00	8.85
116		1,2,4-trichlorobenzene	0.869	0.778	10.5	86	0.00	9.22
117		hexachlorobutadiene	0.325	0.319	1.8	90	0.00	9.20
118		naphthalene	2.747	2.316	15.7	79	0.00	9.39
119		1,2,3-trichlorobenzene	0.826	0.772	6.5	86	0.00	9.50
120		hexachloroethane	0.364	0.390	-7.1	101	0.00	8.37
121		benzyl chloride	0.345	0.403	-16.8	109	0.00	8.28
122		2-methylnaphthalene	1.096	0.737	32.8#	72	0.00	9.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1F4679.D M1F156.M Mon May 22 12:22:05 2023

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5290.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\a...-2023\V1F178\1F5290.d Vial: 5
Acq On : 19 May 2023 11:12 am Operator: nickw
Sample : cc156-1 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
Last Update : Tue May 02 08:42:01 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% 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	85	-0.02	2.42
2		ethanol		----------NA----------				
3	M	tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane	0.109	0.091	16.5	66	0.00	4.90
5	I	pentafluorobenzene	1.000	1.000	0.0	89	0.00	3.80
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane		----------NA----------				
8		chloromethane		----------NA----------				
9		vinyl chloride		----------NA----------				
10		1,3-butadiene		----------NA----------				
11		bromomethane		----------NA----------				
		----------	True	Calc.	% Drift	----------		
12		chloroethane		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
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		----------NA----------				
33		vinyl acetate		----------NA----------				

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5290.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

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)	0.443	0.439	0.9	87	0.00	3.43	
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	87	0.00	4.23	
51	S	1,2-dichloroethane-d4 (s)	0.354	0.389	-9.9	93	0.00	3.83	
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	0.025	0.018	28.0	65	-0.01	4.52	
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	86	0.00	6.66	
73	S	toluene-d8 (s)	1.283	1.272	0.9	86	0.00	5.47	
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		----------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----------					

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V1F178-CC156
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 1F5290.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

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	88	0.00	8.13
96	S	4-bromofluorobenzene (s)	0.953	0.979	-2.7	90	0.00	7.46
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		----------NA----------				
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	1.096	1.059	3.4	65	0.00	9.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1F4671.D M1F156.M Mon May 22 12:32:32 2023

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R111-ICC0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03347.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Response Factor Report GCMSR

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Calibration Files
1 =2R03337.D 4 =2R03341.D 100 =2R03349.D 50 =2R03347.D
20 =2R03345.D 200 =2R03351.D 8 =2R03343.D 0.5 =2R03335.D
2 =2R03339.D 0.2 =2R03333.D = =

Compound	1	4	100	50	20	200	8	0.5	2	0.2	Avg	%RSD
1) I tert butyl alcohol-d9	ISTD											
2) ethanol	0.129	0.136	0.084	0.101	0.110		0.119	0.108	0.142	0.132	0.118	15.80
3) tertiary butyl alcohol	1.596	1.571	1.406	1.413	1.350	1.316	1.489		1.718		1.482	9.28
4) 1,4-dioxane	0.080	0.102	0.081	0.087	0.087	0.079	0.093		0.106		0.089	11.53
5) I pentafluorobenzene	ISTD											
6) chlorodifluoromethane	0.473	0.495	0.442	0.440	0.436	0.409	0.476	0.477	0.525	0.492	0.466	7.38
7) dichlorodifluoromethane	0.381	0.401	0.370	0.357	0.348	0.349	0.382	0.372	0.373	0.401	0.373	5.06
8) chloromethane	0.521	0.475	0.433	0.428	0.425	0.399	0.472	0.516	0.478		0.461	9.12
9) vinyl chloride	0.381	0.385	0.378	0.364	0.358	0.357	0.389	0.364	0.376	0.413	0.376	4.53
10) 1,3-butadiene	0.308	0.330	0.334	0.328	0.321	0.313	0.333	0.324	0.384		0.331	6.62
11) bromomethane	0.172	0.134	0.142	0.146		0.170		0.170			0.156	10.90
12) chloroethane	0.229	0.233	0.221	0.208	0.205	0.190	0.229	0.195	0.234		0.216	7.79
13) trichlorofluoromethane	0.469	0.431	0.455	0.426	0.418	0.434	0.464	0.397	0.450	0.372	0.432	7.06
14) ethyl ether	0.159	0.176	0.178	0.173	0.166	0.170	0.174	0.139	0.184	0.169	0.169	7.35
15) acrolein	0.064	0.082	0.080	0.074	0.073	0.077	0.072		0.079		0.075	7.67
16) freon 113	0.226	0.241	0.228	0.220	0.210	0.217	0.223	0.239	0.239	0.194	0.224	6.56
17) 1,1-dichloroethene	0.197	0.230	0.219	0.214	0.205	0.214	0.218	0.211	0.230	0.172	0.211	8.03
18) acetone	0.041	0.058	0.058	0.053	0.049	0.056	0.051	0.050	0.055		0.052	10.06
19) acetonitrile	0.103	0.113	0.092	0.096	0.097	0.087	0.104	0.104	0.118		0.102	9.62
20) iodomethane	0.273	0.352	0.415	0.391	0.363	0.395	0.367	0.314	0.354		0.358	12.13
21) carbon disulfide	0.740	0.829	0.771	0.737	0.728	0.754	0.827	0.926	0.850	0.843	0.800	8.07
22) methylene chloride	0.291	0.289	0.280	0.272	0.269	0.267	0.292	0.294	0.336	0.280	0.287	6.95
23) methyl acetate												

```
      0.069 0.074 0.089 0.082 0.074 0.094 0.076       0.078        0.080   10.68
24)  methyl tert butyl ether
      0.911 0.985 1.036 0.978 0.937 1.003 0.958 0.977 1.033 0.949  0.977    4.10
25)  trans-1,2-dichloroethene
      0.257 0.273 0.268 0.257 0.250 0.261 0.270 0.304 0.304 0.286  0.273    7.05
26)  hexane
      0.266 0.305 0.303 0.297 0.279 0.290 0.291 0.290 0.305 0.322  0.295    5.29
27)  di-isopropyl ether
      1.182 1.301 1.309 1.281 1.226 1.240 1.284 1.252 1.375 1.170  1.262    4.86
28)  2-butanone
      0.051 0.057 0.067 0.062 0.057 0.064 0.056       0.059        0.059    8.44
29)  1,1-dichloroethane
      0.553 0.613 0.562 0.548 0.544 0.545 0.584 0.596 0.654 0.623  0.582    6.60
30)  chloroprene
      0.493 0.563 0.602 0.583 0.547 0.577 0.579 0.512 0.583        0.560    6.48
31)  acrylonitrile
      0.196 0.242 0.243 0.232 0.231 0.228 0.226 0.189 0.250        0.226    9.16
32)  vinyl acetate
            0.037 0.056 0.046 0.041 0.045 0.041       0.034        0.043   16.94
33)  ethyl tert-butyl ether
      0.981 1.103 1.148 1.102 1.040 1.114 1.089 0.983 1.188 0.941  1.069    7.48
34)  ethyl acetate
            0.097 0.107 0.107 0.097 0.102 0.102       0.093        0.101    5.40
35)  2,2-dichloropropane
      0.425 0.458 0.443 0.423 0.411 0.430 0.439 0.424 0.503 0.384  0.434    7.18
36)  cis-1,2-dichloroethene
      0.299 0.327 0.311 0.302 0.296 0.302 0.312 0.277 0.344 0.311  0.308    5.89
37)  propionitrile
      0.100 0.116 0.103 0.101 0.101 0.097 0.103 0.094 0.116 0.099  0.103    7.14
38)  methyl acrylate
            0.060 0.072 0.067 0.061 0.070 0.059       0.062        0.064    7.85
39)  methacrylonitrile
      0.157 0.187 0.204 0.196 0.181 0.197 0.182 0.161 0.190        0.184    8.70
40)  bromochloromethane
      0.145 0.157 0.145 0.142 0.138 0.136 0.147 0.143 0.167        0.147    6.62
41)  tetrahydrofuran
      0.291 0.238 0.220 0.234 0.208 0.232 0.223       0.300        0.243   13.83
42)  chloroform
      0.622 0.604 0.548 0.528 0.516 0.532 0.567 0.739 0.653        0.590   12.33
43)  tert-Butyl Formate    *This compound fails Initial Calibration criteria*
            0.120 0.191 0.147 0.125 0.172 0.133                    0.148   18.91
44)  dibromofluoromethane (s)
      0.439 0.434 0.421 0.421 0.434 0.421 0.434 0.432 0.434 0.441  0.431    1.71
45)  1,1,1-trichloroethane
      0.436 0.484 0.467 0.450 0.431 0.455 0.473 0.448 0.500        0.460    4.90
46)  cyclohexane
      0.433 0.392 0.418 0.403 0.375 0.403 0.411 0.429 0.383        0.405    4.89
47)  isobutyl alcohol
      0.037 0.041 0.038 0.039 0.037 0.036 0.038       0.045        0.039    7.21
48)  1,1-dichloropropene
      0.367 0.408 0.421 0.405 0.383 0.409 0.407 0.379 0.431 0.372  0.398    5.41
49)  carbon tetrachloride
      0.369 0.402 0.402 0.383 0.361 0.395 0.386 0.417 0.421 0.429  0.396    5.64
50)  tert-amyl alcohol
      0.038 0.048 0.046 0.045 0.044 0.046 0.045       0.046        0.045    6.27
51)  isopropyl acetate
      0.079 0.092 0.099 0.093 0.089 0.097 0.095       0.084        0.091    7.29

52) I   1,4-difluorobenzene   ----------------ISTD---------------------
53)  1,2-dichloroethane-d4 (s)
```

```
      0.360 0.364 0.359 0.349 0.368 0.354 0.366 0.365 0.372 0.372  0.363    2.09
54)  n-butyl alcohol
      0.015 0.019 0.017 0.017 0.017 0.017 0.018       0.019        0.017    6.72
55)  2,2,4-trimethylpentane
      0.674 0.757 0.768 0.748 0.684 0.752 0.711 0.693 0.799 0.668  0.726    6.22
56)  benzene
      0.817 0.884 0.862 0.829 0.801 0.825 0.856 0.844 0.919 0.852  0.849    4.06
57)  tert-amyl methyl ether
      0.582 0.639 0.695 0.654 0.615 0.680 0.645 0.594 0.694 0.648  0.645    6.07
58)  heptane
      0.152 0.175 0.169 0.164 0.155 0.162 0.161 0.177 0.164 0.149  0.163    5.64
59)  1,2-dichloroethane
      0.367 0.363 0.332 0.316 0.314 0.322 0.347 0.440 0.405        0.356   12.08
60)  ethyl acrylate
      0.390 0.455 0.467 0.447 0.422 0.450 0.439       0.448        0.440    5.42
61)  trichloroethene
      0.197 0.224 0.222 0.219 0.204 0.221 0.223 0.194 0.236 0.217  0.216    6.15
62)  2-chloroethyl vinyl ether
      0.158 0.180 0.181 0.174 0.167 0.172 0.176 0.159 0.192 0.148  0.171    7.62
63)  methyl methacrylate
      0.059 0.065 0.078 0.072 0.068 0.075 0.070       0.081        0.071    9.93
64)  methylcyclohexane
      0.339 0.378 0.386 0.370 0.344 0.375 0.356 0.364 0.391 0.346  0.365    4.98
65)  1,2-dichloropropane
      0.234 0.260 0.243 0.237 0.234 0.233 0.253 0.257 0.264 0.249  0.247    4.76
66)  dibromomethane
      0.132 0.145 0.136 0.130 0.129 0.131 0.134 0.172 0.151        0.140   10.14
67)  bromodichloromethane
      0.293 0.298 0.293 0.280 0.275 0.286 0.284 0.300 0.323 0.270  0.290    5.16
68)  2-nitropropane
      0.121 0.120 0.122 0.114 0.112 0.123 0.120       0.128        0.120    4.05
69)  epichlorohydrin
      0.051 0.056 0.051 0.050 0.050 0.047 0.054 0.047 0.060        0.052    8.48
70)  cis-1,3-dichloropropene
      0.363 0.381 0.379 0.362 0.356 0.367 0.376 0.363 0.413 0.340  0.370    5.19
71)  4-methyl-2-pentanone
      0.140 0.167 0.169 0.163 0.154 0.161 0.159 0.128 0.173 0.144  0.156    9.26
72)  isoamyl alcohol
      0.010 0.014 0.014 0.014 0.013 0.014 0.013       0.014        0.013    9.26

73) I   chlorobenzene-d5      ----------------ISTD---------------------
74)  toluene-d8 (s)
      1.316 1.307 1.328 1.326 1.313 1.373 1.316 1.285 1.310 1.288  1.316    1.84
75)  toluene
      0.569 0.612 0.597 0.578 0.538 0.593 0.593 0.570 0.643 0.595  0.589    4.75
76)  ethyl methacrylate
      0.306 0.340 0.359 0.344 0.319 0.348 0.334 0.314 0.354 0.298  0.331    6.40
77)  trans-1,3-dichloropropene
      0.378 0.391 0.399 0.381 0.364 0.389 0.389 0.355 0.404 0.304  0.375    7.75
78)  1,1,2-trichloroethane
      0.197 0.204 0.194 0.189 0.179 0.187 0.195 0.181 0.222        0.194    6.71
79)  tetrachloroethene
      0.196 0.203 0.209 0.200 0.184 0.207 0.209 0.202 0.206 0.201  0.202    3.63
80)  2-hexanone
      0.174 0.197 0.195 0.192 0.181 0.187 0.194 0.168 0.204 0.169  0.186    6.75
81)  1,3-dichloropropane
      0.358 0.391 0.384 0.370 0.358 0.370 0.389 0.379 0.420 0.380  0.380    4.76
82)  butyl acetate
      0.242 0.274 0.274 0.266 0.250 0.262 0.264 0.228 0.291 0.245  0.259    7.14
83)  dibromochloromethane
```

```
      0.220 0.241 0.248 0.236 0.221 0.244 0.243 0.217 0.251 0.282  0.240    7.96
 84)  1,2-dibromoethane
      0.227 0.243 0.242 0.233 0.225 0.234 0.245 0.234 0.254 0.222  0.236    4.28
 85)  n-butyl ether
      1.124 1.215 1.197 1.174 1.094 1.142 1.183 1.143 1.261 1.057  1.159    5.15
 86)  chlorobenzene
      0.631 0.682 0.649 0.627 0.597 0.636 0.650 0.648 0.713 0.694  0.653    5.29
 87)  1,1,1,2-tetrachloroethane
      0.213 0.229 0.229 0.220 0.211 0.223 0.228 0.206 0.239 0.231  0.223    4.63
 88)  ethylbenzene
      1.084 1.162 1.176 1.123 1.052 1.152 1.134 1.122 1.227 1.039  1.127    5.08
 89)  m,p-xylene
      0.417 0.443 0.437 0.424 0.397 0.431 0.422 0.406 0.463 0.398  0.424    4.90
 90)  o-xylene
      0.823 0.936 0.918 0.890 0.835 0.897 0.890 0.860 0.968 0.851  0.887    5.15
 91)  styrene
      0.612 0.706 0.733 0.713 0.658 0.718 0.710 0.614 0.742 0.610  0.681    7.77
 92)  butyl acrylate
      0.539 0.627 0.672 0.655 0.606 0.651 0.638 0.543 0.653 0.522  0.611    9.09
 93)  n-amyl acetate
      0.194 0.214 0.221 0.215 0.204 0.220 0.220 0.187 0.229        0.212    6.57
 94)  isopropylbenzene
      0.998 1.103 1.110 1.067 1.004 1.083 1.039 1.028 1.138 0.959  1.053    5.42
 95)  bromoform
      0.151 0.174 0.191 0.175 0.163 0.195 0.171 0.145 0.188 0.207  0.176   11.13
 96)  cis-1,4-dichloro-2-butene
      0.139 0.146 0.160 0.152 0.142 0.162 0.147 0.139 0.153        0.149    5.75

 97) I   1,4-dichlorobenzene-d ----------------ISTD---------------------
 98)  4-bromofluorobenzene (s)
      0.856 0.862 0.819 0.827 0.839 0.807 0.848 0.864 0.856 0.850  0.843    2.28
 99)  1,1,2,2-tetrachloroethane
      0.745 0.767 0.739 0.713 0.673 0.683 0.742 0.664 0.792 0.622  0.714    7.37
100)  trans-1,4-dichloro-2-butene
      0.267 0.307 0.294 0.288 0.274 0.282 0.302 0.337 0.333        0.298    8.13
101)  1,2,3-trichloropropane
      0.217 0.241 0.218 0.214 0.216 0.214 0.223 0.207 0.262 0.204  0.222    7.86
102)  bromobenzene
      0.542 0.601 0.568 0.551 0.547 0.547 0.572 0.572 0.646 0.612  0.576    5.89
103)  n-propylbenzene
      2.658 2.892 2.731 2.717 2.578 2.652 2.705 2.793 2.966 2.778  2.747    4.21
104)  2-chlorotoluene
      0.505 0.566 0.510 0.509 0.488 0.500 0.519 0.483 0.559 0.570  0.521    6.18
105)  4-chlorotoluene
      1.489 1.731 1.635 1.609 1.519 1.626 1.615 1.613 1.806 1.570  1.621    5.72
106)  1,3,5-trimethylbenzene
      1.741 2.004 1.887 1.877 1.754 1.875 1.815 1.875 1.997 1.567  1.839    7.02
107)  tert-butylbenzene
      1.511 1.650 1.586 1.585 1.489 1.568 1.529 1.532 1.761 1.625  1.584    5.07
108)  1,2,4-trimethylbenzene
      1.749 1.975 1.951 1.917 1.804 1.943 1.903 1.751 2.068 1.839  1.890    5.46
109)  sec-butylbenzene
      2.161 2.381 2.335 2.296 2.189 2.317 2.218 2.365 2.478 2.293  2.303    4.15
110)  p-isopropyltoluene
      1.804 2.022 2.017 1.967 1.823 2.010 1.846 1.767 2.084 1.582  1.892    8.17
111)  1,2,3-trimethylbenzene
      1.786 1.966 1.914 1.847 1.745 1.882 1.836 1.902 2.019 2.037  1.893    5.02
112)  1,3-dichlorobenzene
      0.995 1.141 1.095 1.052 0.991 1.072 1.044 1.010 1.159 1.145  1.070    5.89
113)  1,4-dichlorobenzene
```

```
       1.027 1.118 1.058 1.030 0.962 1.037 1.029 1.044 1.171        1.053    5.68
114)  1,2-dichlorobenzene
       0.937 1.066 1.029 0.992 0.961 0.993 1.003 0.949 1.135 1.012  1.008    5.85
115)  benzyl chloride
       1.292 1.431 1.519 1.450 1.333 1.450 1.385 1.338 1.504 1.215  1.392    6.96
116)  n-butylbenzene
       0.812 0.938 0.979 0.953 0.867 0.964 0.880 0.759 0.955 0.837  0.894    8.36
117)  hexachloroethane
       0.202 0.233 0.270 0.254 0.217 0.277 0.222 0.207 0.242        0.236   11.42
118)  1,2-dibromo-3-chloropropane
       0.150 0.181 0.200 0.193 0.175 0.193 0.191 0.169 0.181        0.181    8.46
119)  1,3,5-trichlorobenzene
       0.660 0.686 0.685 0.681 0.617 0.662 0.622 0.634 0.688 0.604  0.654    4.89
120)  1,2,4-trichlorobenzene
       0.460 0.517 0.537 0.536 0.480 0.493 0.501 0.478 0.549 0.428  0.498    7.64
121)  hexachlorobutadiene
       0.193 0.239 0.232 0.228 0.206 0.223 0.211 0.248 0.235 0.224  0.224    7.28
122)  naphthalene
       1.161 1.357 1.448 1.435 1.279 1.253 1.299 1.197 1.392 1.056  1.288    9.77
123)  1,2,3-trichlorobenzene
       0.366 0.357 0.352 0.374 0.339 0.282 0.353 0.353 0.394 0.401  0.357    9.19
124)  2-methylnaphthalene
       0.109 0.090 0.082 0.100 0.089 0.057 0.093       0.116        0.092   19.55

125)     pentafluorobenzene(a) ----------------ISTD---------------------
126)  Freon 143A
       0.233 0.228 0.274 0.268 0.234 0.267 0.219       0.201        0.240   11.01
127)  Freon 114
       0.180 0.177 0.217 0.208 0.195 0.203 0.173       0.174        0.191    8.98
128)  Freon 142B
       0.333 0.333 0.406 0.387 0.348 0.392 0.329       0.292        0.352   11.02
129)  vinyl bromide
       0.121 0.113 0.150 0.140 0.130 0.147 0.114       0.109        0.128   12.58
130)  Freon 141B
       0.372 0.386 0.462 0.437 0.388 0.444 0.370       0.336        0.399   10.88

131)     1,4-dichlorobenzene-d ----------------ISTD---------------------
132)  4-ethyltoluene
       1.840 1.794 2.076 1.942 1.796 2.019 1.599       1.608        1.834    9.52
133)  1,4-diethylbenzene
       0.926 0.843 1.139 1.063 0.971 1.119 0.858       0.869        0.973   12.28
134)  1,2,4,5-tetramethylbenzene
       0.874 0.767 1.142 1.039 0.920 1.148 0.817       0.796        0.938   16.37
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          M2R111.M          Wed May 17 16:15:53 2023   GCMSR
```

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03357.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\VR0111\2R03357.D Vial: 14
Acq On : 10 May 2023 7:02 am Operator: PrashanS
Sample : ICV0111-50 Inst : GCMSR
Misc : MS68225,V2R0111,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Thu May 11 12:34:06 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	113	0.00	3.48
2		ethanol	0.118	0.099	16.1	110	0.00	2.69
3		tertiary butyl alcohol	1.482	1.211	18.3	97	0.00	3.55
4		1,4-dioxane	0.089	0.087	2.2	112	0.00	6.10
5	I	pentafluorobenzene	1.000	1.000	0.0	112	0.00	5.02
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane	0.373	0.270	27.6	85	0.00	1.64
8		chloromethane	0.461	0.289	37.3#	75	0.00	1.81
9		vinyl chloride	0.376	0.277	26.3	85	0.00	1.90
10		1,3-butadiene	0.331	0.300	9.4	102	0.00	1.93
11		bromomethane	0.156	0.143	8.3	112	0.00	2.19
12		chloroethane	0.216	0.171	20.8	92	0.00	2.29
13		trichlorofluoromethane	0.432	0.379	12.3	100	0.00	2.53
14		ethyl ether	0.169	0.166	1.8	108	0.00	2.80
15		acrolein	0.075	0.071	5.3	107	0.00	2.93
16		freon 113	0.224	0.209	6.7	106	0.00	3.03
17		1,1-dichloroethene	0.211	0.238	-12.8	124	0.00	3.03
18		acetone	0.052	0.052	0.0	109	0.00	3.06
19		acetonitrile	0.102	0.083	18.6	96	0.00	3.33
20		iodomethane	0.358	0.358	0.0	102	0.00	3.18
21		carbon disulfide	0.800	0.710	11.3	108	0.00	3.25
22		methylene chloride	0.287	0.280	2.4	115	0.00	3.49
23		methyl acetate	0.080	0.086	-7.5	118	0.00	3.35
24		methyl tert butyl ether	0.977	1.033	-5.7	118	0.00	3.72
25		trans-1,2-dichloroethene	0.273	0.267	2.2	116	0.00	3.73
26		hexane	0.295	0.182	38.3#	69	0.00	3.97
27		di-isopropyl ether	1.262	1.189	5.8	104	0.00	4.13
28		2-butanone	0.059	0.064	-8.5	116	0.00	4.58
29		1,1-dichloroethane	0.582	0.549	5.7	112	0.00	4.12
30		chloroprene	0.560	0.564	-0.7	108	0.00	4.18
31		acrylonitrile	0.226	0.228	-0.9	110	0.00	3.69
32		vinyl acetate	0.043	0.043	0.0	104	0.00	4.11
33		ethyl tert-butyl ether	1.069	1.050	1.8	106	0.00	4.44
34		ethyl acetate	0.101	0.101	0.0	105	0.00	4.60
35		2,2-dichloropropane	0.434	0.441	-1.6	116	0.00	4.61
36		cis-1,2-dichloroethene	0.308	0.304	1.3	112	0.00	4.60
37		propionitrile	0.103	0.095	7.8	105	0.00	4.64
38		methyl acrylate	0.064	0.071	-10.9	118	0.00	4.65
39		methacrylonitrile	0.184	0.188	-2.2	107	0.00	4.76
40		bromochloromethane	0.147	0.143	2.7	112	0.00	4.80
41		tetrahydrofuran	0.243	0.202	16.9	96	0.00	4.80

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03357.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform	0.590	0.535	9.3	113	0.00	4.88
43		tert-Butyl Formate	0.148	0.042	71.6#	32#	0.00	4.90
44	S	dibromofluoromethane (s)	0.431	0.417	3.2	111	0.00	5.01
45		1,1,1-trichloroethane	0.460	0.463	-0.7	115	0.00	5.02
46		cyclohexane	0.405	0.326	19.5	91	0.00	5.08
47		isobutyl alcohol	0.039	0.036	7.7	105	0.00	5.20
48		1,1-dichloropropene	0.398	0.410	-3.0	113	0.00	5.15
49		carbon tetrachloride	0.396	0.392	1.0	115	0.00	5.15
50		tert-amyl alcohol	0.045	0.045	0.0	112	0.00	5.30
51		isopropyl acetate	0.091	0.092	-1.1	111	0.00	5.32
52	I	1,4-difluorobenzene	1.000	1.000	0.0	112	0.00	5.64
53	S	1,2-dichloroethane-d4 (s)	0.363	0.345	5.0	110	0.00	5.29
54		n-butyl alcohol	0.017	0.017	0.0	110	0.00	5.73
55		2,2,4-trimethylpentane	0.726	0.678	6.6	101	0.00	5.40
56		benzene	0.849	0.819	3.5	110	0.00	5.32
57		tert-amyl methyl ether	0.645	0.623	3.4	106	0.00	5.40
58		heptane	0.163	0.143	12.3	97	0.00	5.53
59		1,2-dichloroethane	0.356	0.318	10.7	112	0.00	5.35
60		ethyl acrylate	0.440	0.446	-1.4	111	0.00	5.88
61		trichloroethene	0.216	0.219	-1.4	112	0.00	5.84
62		2-chloroethyl vinyl ether	0.171	0.131	23.4	84	0.00	6.45
63		methyl methacrylate	0.071	0.088	-23.9	138	0.00	6.07
64		methylcyclohexane	0.365	0.356	2.5	107	0.00	6.03
65		1,2-dichloropropane	0.247	0.228	7.7	107	0.00	6.05
66		dibromomethane	0.140	0.129	7.9	111	0.00	6.13
67		bromodichloromethane	0.290	0.277	4.5	110	0.00	6.25
68		2-nitropropane	0.120	0.116	3.3	113	0.00	6.42
69		epichlorohydrin	0.052	0.049	5.8	109	0.00	6.50
70		cis-1,3-dichloropropene	0.370	0.341	7.8	105	0.00	6.59
71		4-methyl-2-pentanone	0.156	0.157	-0.6	108	0.00	6.68
72		isoamyl alcohol	0.013	0.014	-7.7	112	0.00	6.72
73	I	chlorobenzene-d5	1.000	1.000	0.0	110	0.00	7.80
74	S	toluene-d8 (s)	1.316	1.337	-1.6	111	0.00	6.79
75		toluene	0.589	0.570	3.2	109	0.00	6.84
76		ethyl methacrylate	0.331	0.287	13.3	92	0.00	7.02
77		trans-1,3-dichloropropene	0.375	0.363	3.2	105	0.00	7.00
78		1,1,2-trichloroethane	0.194	0.181	6.7	105	0.00	7.14
79		tetrachloroethene	0.202	0.330	-63.4#	181	0.00	7.21
80		2-hexanone	0.186	0.187	-0.5	107	0.00	7.27
81		1,3-dichloropropane	0.380	0.368	3.2	110	0.00	7.26
82		butyl acetate	0.259	0.264	-1.9	109	0.00	7.35
83		dibromochloromethane	0.240	0.230	4.2	108	0.00	7.41
84		1,2-dibromoethane	0.236	0.231	2.1	109	0.00	7.50
85		n-butyl ether	1.159	1.176	-1.5	110	0.00	7.85
86		chlorobenzene	0.653	0.610	6.6	107	0.00	7.83
87		1,1,1,2-tetrachloroethane	0.223	0.222	0.4	111	0.00	7.88
88		ethylbenzene	1.127	1.105	2.0	108	0.00	7.88
89		m,p-xylene	0.424	0.417	1.7	108	0.00	7.96
90		o-xylene	0.887	0.876	1.2	108	0.00	8.21
91		styrene	0.681	0.593	12.9	92	0.00	8.22
92		butyl acrylate	0.611	0.653	-6.9	110	0.00	8.15
93		n-amyl acetate	0.212	0.213	-0.5	109	0.00	8.29
94		isopropylbenzene	1.053	1.065	-1.1	110	0.00	8.44
95		bromoform	0.176	0.175	0.6	110	0.00	8.35
96		cis-1,4-dichloro-2-butene	0.149	0.147	1.3	107	0.00	8.47
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	108	0.00	9.25
98	S	4-bromofluorobenzene (s)	0.843	0.843	0.0	110	0.00	8.56

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03357.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane	0.714	0.684	4.2	103	0.00	8.63
100	trans-1,4-dichloro-2-bute	0.298	0.314	-5.4	117	0.00	8.65
101	1,2,3-trichloropropane	0.222	0.219	1.4	110	0.00	8.67
102	bromobenzene	0.576	0.565	1.9	110	0.00	8.66
103	n-propylbenzene	2.747	2.717	1.1	108	0.00	8.70
104	2-chlorotoluene	0.521	0.512	1.7	108	0.00	8.77
105	4-chlorotoluene	1.621	1.616	0.3	108	0.00	8.83
106	1,3,5-trimethylbenzene	1.839	1.856	-0.9	106	0.00	8.80
107	tert-butylbenzene	1.584	1.580	0.3	107	0.00	9.00
108	1,2,4-trimethylbenzene	1.890	1.878	0.6	105	0.00	9.03
109	sec-butylbenzene	2.303	2.267	1.6	106	0.00	9.12
110	p-isopropyltoluene	1.892	1.942	-2.6	106	0.00	9.21
111	1,2,3-trimethylbenzene		----------NA----------				
112	1,3-dichlorobenzene	1.070	1.049	2.0	107	0.00	9.21
113	1,4-dichlorobenzene	1.053	1.064	-1.0	111	0.00	9.27
114	1,2-dichlorobenzene	1.008	0.982	2.6	107	0.00	9.48
115	benzyl chloride	1.392	1.428	-2.6	106	0.00	9.33
116	n-butylbenzene	0.894	0.925	-3.5	104	0.00	9.45
117	hexachloroethane	0.236	0.246	-4.2	104	0.00	9.64
118	1,2-dibromo-3-chloropropa	0.181	0.199	-9.9	111	0.00	9.92
119	1,3,5-trichlorobenzene	0.654	0.700	-7.0	111	0.00	10.02
120	1,2,4-trichlorobenzene	0.498	0.530	-6.4	106	0.00	10.37
121	hexachlorobutadiene	0.224	0.225	-0.4	107	0.00	10.44
122	naphthalene	1.288	1.481	-15.0	111	0.00	10.52
123	1,2,3-trichlorobenzene	0.357	0.375	-5.0	108	0.00	10.64
124	2-methylnaphthalene	0.092	0.110	-19.6	118	0.00	11.13

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03347.D M2R111.M Thu May 11 12:40:24 2023 GCMSR

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03359.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\VR0111\2R03359.D Vial: 15
Acq On : 10 May 2023 7:42 am Operator: PrashanS
Sample : ICV0111-50 Inst : GCMSR
Misc : MS68225,V2R0111,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Thu May 11 12:34:06 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	106	0.00	3.48
2		ethanol		----------NA----------				
3		tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	113	0.00	5.02
6		chlorodifluoromethane	0.466	0.458	1.7	117	0.00	1.66
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	0.102	0.089	12.7	105	0.00	3.33
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		2-butanone		----------NA----------				
29		1,1-dichloroethane		----------NA----------				
30		chloroprene		----------NA----------				
31		acrylonitrile	0.226	0.216	4.4	105	0.00	3.69
32		vinyl acetate		----------NA----------				
33		ethyl tert-butyl ether		----------NA----------				
34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				
38		methyl acrylate		----------NA----------				
39		methacrylonitrile		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran		----------NA----------				

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03359.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform		----------NA----------				
43		tert-Butyl Formate		----------NA----------				
44	S	dibromofluoromethane (s)	0.431	0.433	-0.5	116	0.00	5.01
45		1,1,1-trichloroethane		----------NA----------				
46		cyclohexane		----------NA----------				
47		isobutyl alcohol		----------NA----------				
48		1,1-dichloropropene		----------NA----------				
49		carbon tetrachloride		----------NA----------				
50		tert-amyl alcohol		----------NA----------				
51		isopropyl acetate		----------NA----------				
52	I	1,4-difluorobenzene	1.000	1.000	0.0	111	0.00	5.64
53	S	1,2-dichloroethane-d4 (s)	0.363	0.372	-2.5	118	0.00	5.29
54		n-butyl alcohol		----------NA----------				
55		2,2,4-trimethylpentane		----------NA----------				
56		benzene		----------NA----------				
57		tert-amyl methyl ether		----------NA----------				
58		heptane		----------NA----------				
59		1,2-dichloroethane		----------NA----------				
60		ethyl acrylate		----------NA----------				
61		trichloroethene		----------NA----------				
62		2-chloroethyl vinyl ether		----------NA----------				
63		methyl methacrylate		----------NA----------				
64		methylcyclohexane		----------NA----------				
65		1,2-dichloropropane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane		----------NA----------				
68		2-nitropropane		----------NA----------				
69		epichlorohydrin		----------NA----------				
70		cis-1,3-dichloropropene		----------NA----------				
71		4-methyl-2-pentanone		----------NA----------				
72		isoamyl alcohol		----------NA----------				
73	I	chlorobenzene-d5	1.000	1.000	0.0	112	0.00	7.81
74	S	toluene-d8 (s)	1.316	1.325	-0.7	112	0.00	6.79
75		toluene		----------NA----------				
76		ethyl methacrylate		----------NA----------				
77		trans-1,3-dichloropropene		----------NA----------				
78		1,1,2-trichloroethane		----------NA----------				
79		tetrachloroethene	0.202	0.183	9.4	103	0.00	7.21
80		2-hexanone		----------NA----------				
81		1,3-dichloropropane		----------NA----------				
82		butyl acetate		----------NA----------				
83		dibromochloromethane		----------NA----------				
84		1,2-dibromoethane		----------NA----------				
85		n-butyl ether		----------NA----------				
86		chlorobenzene		----------NA----------				
87		1,1,1,2-tetrachloroethane		----------NA----------				
88		ethylbenzene		----------NA----------				
89		m,p-xylene		----------NA----------				
90		o-xylene		----------NA----------				
91		styrene		----------NA----------				
92		butyl acrylate		----------NA----------				
93		n-amyl acetate		----------NA----------				
94		isopropylbenzene		----------NA----------				
95		bromoform		----------NA----------				
96		cis-1,4-dichloro-2-butene		----------NA----------				
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	111	0.00	9.26
98	S	4-bromofluorobenzene (s)	0.843	0.851	-0.9	115	0.00	8.56

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03359.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane		----------NA----------				
100	trans-1,4-dichloro-2-bute		----------NA----------				
101	1,2,3-trichloropropane		----------NA----------				
102	bromobenzene		----------NA----------				
103	n-propylbenzene		----------NA----------				
104	2-chlorotoluene		----------NA----------				
105	4-chlorotoluene		----------NA----------				
106	1,3,5-trimethylbenzene		----------NA----------				
107	tert-butylbenzene		----------NA----------				
108	1,2,4-trimethylbenzene		----------NA----------				
109	sec-butylbenzene		----------NA----------				
110	p-isopropyltoluene		----------NA----------				
111	1,2,3-trimethylbenzene	1.893	1.828	3.4	110	0.00	9.28
112	1,3-dichlorobenzene		----------NA----------				
113	1,4-dichlorobenzene		----------NA----------				
114	1,2-dichlorobenzene		----------NA----------				
115	benzyl chloride		----------NA----------				
116	n-butylbenzene		----------NA----------				
117	hexachloroethane		----------NA----------				
118	1,2-dibromo-3-chloropropa		----------NA----------				
119	1,3,5-trichlorobenzene		----------NA----------				
120	1,2,4-trichlorobenzene		----------NA----------				
121	hexachlorobutadiene		----------NA----------				
122	naphthalene		----------NA----------				
123	1,2,3-trichlorobenzene		----------NA----------				
124	2-methylnaphthalene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03347.D M2R111.M Thu May 11 12:43:45 2023 GCMSR

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03364.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\VR0111\2R03364.D Vial: 19
Acq On : 11 May 2023 4:14 pm Operator: PrashanS
Sample : icv0111-50 Inst : GCMSR
Misc : MS68225,V2R0111,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Thu May 11 12:34:06 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	116	0.00	3.48
2		ethanol		----------NA----------				
3		tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	106	0.00	5.02
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane	0.373	0.348	6.7	104	0.00	1.65
8		chloromethane	0.461	0.403	12.6	100	0.00	1.81
9		vinyl chloride	0.376	0.359	4.5	105	0.00	1.90
10		1,3-butadiene		----------NA----------				
11		bromomethane	0.156	0.170	-9.0	127	0.00	2.20
12		chloroethane	0.216	0.210	2.8	108	0.00	2.30
13		trichlorofluoromethane	0.432	0.431	0.2	108	0.00	2.54
14		ethyl ether		----------NA----------				
15		acrolein		----------NA----------				
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone		----------NA----------				
19		acetonitrile		----------NA----------				
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	0.295	0.244	17.3	88	0.00	3.98
27		di-isopropyl ether		----------NA----------				
28		2-butanone		----------NA----------				
29		1,1-dichloroethane		----------NA----------				
30		chloroprene		----------NA----------				
31		acrylonitrile		----------NA----------				
32		vinyl acetate		----------NA----------				
33		ethyl tert-butyl ether		----------NA----------				
34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				
38		methyl acrylate		----------NA----------				
39		methacrylonitrile		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran		----------NA----------				

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03364.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform		----------NA----------					
43		tert-Butyl Formate		----------NA----------					
44	S	dibromofluoromethane (s)	0.431	0.425	1.4	107	0.00	5.01	
45		1,1,1-trichloroethane		----------NA----------					
46		cyclohexane		----------NA----------					
47		isobutyl alcohol		----------NA----------					
48		1,1-dichloropropene		----------NA----------					
49		carbon tetrachloride		----------NA----------					
50		tert-amyl alcohol		----------NA----------					
51		isopropyl acetate		----------NA----------					
52	I	1,4-difluorobenzene	1.000	1.000	0.0	104	0.00	5.65	
53	S	1,2-dichloroethane-d4 (s)	0.363	0.376	-3.6	112	0.00	5.30	
54		n-butyl alcohol		----------NA----------					
55		2,2,4-trimethylpentane		----------NA----------					
56		benzene		----------NA----------					
57		tert-amyl methyl ether		----------NA----------					
58		heptane		----------NA----------					
59		1,2-dichloroethane		----------NA----------					
60		ethyl acrylate		----------NA----------					
61		trichloroethene		----------NA----------					
62		2-chloroethyl vinyl ether		----------NA----------					
63		methyl methacrylate		----------NA----------					
64		methylcyclohexane		----------NA----------					
65		1,2-dichloropropane		----------NA----------					
66		dibromomethane		----------NA----------					
67		bromodichloromethane		----------NA----------					
68		2-nitropropane		----------NA----------					
69		epichlorohydrin		----------NA----------					
70		cis-1,3-dichloropropene		----------NA----------					
71		4-methyl-2-pentanone		----------NA----------					
72		isoamyl alcohol		----------NA----------					
73	I	chlorobenzene-d5	1.000	1.000	0.0	104	0.00	7.81	
74	S	toluene-d8 (s)	1.316	1.309	0.5	103	0.00	6.79	
75		toluene		----------NA----------					
76		ethyl methacrylate		----------NA----------					
77		trans-1,3-dichloropropene		----------NA----------					
78		1,1,2-trichloroethane		----------NA----------					
79		tetrachloroethene		----------NA----------					
80		2-hexanone		----------NA----------					
81		1,3-dichloropropane		----------NA----------					
82		butyl acetate		----------NA----------					
83		dibromochloromethane		----------NA----------					
84		1,2-dibromoethane		----------NA----------					
85		n-butyl ether		----------NA----------					
86		chlorobenzene		----------NA----------					
87		1,1,1,2-tetrachloroethane		----------NA----------					
88		ethylbenzene		----------NA----------					
89		m,p-xylene		----------NA----------					
90		o-xylene		----------NA----------					
91		styrene		----------NA----------					
92		butyl acrylate		----------NA----------					
93		n-amyl acetate		----------NA----------					
94		isopropylbenzene		----------NA----------					
95		bromoform		----------NA----------					
96		cis-1,4-dichloro-2-butene		----------NA----------					
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	9.26	
98	S	4-bromofluorobenzene (s)	0.843	0.861	-2.1	108	0.00	8.56	

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R111-ICV0111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03364.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane	----------NA----------
100	trans-1,4-dichloro-2-bute	----------NA----------
101	1,2,3-trichloropropane	----------NA----------
102	bromobenzene	----------NA----------
103	n-propylbenzene	----------NA----------
104	2-chlorotoluene	----------NA----------
105	4-chlorotoluene	----------NA----------
106	1,3,5-trimethylbenzene	----------NA----------
107	tert-butylbenzene	----------NA----------
108	1,2,4-trimethylbenzene	----------NA----------
109	sec-butylbenzene	----------NA----------
110	p-isopropyltoluene	----------NA----------
111	1,2,3-trimethylbenzene	----------NA----------
112	1,3-dichlorobenzene	----------NA----------
113	1,4-dichlorobenzene	----------NA----------
114	1,2-dichlorobenzene	----------NA----------
115	benzyl chloride	----------NA----------
116	n-butylbenzene	----------NA----------
117	hexachloroethane	----------NA----------
118	1,2-dibromo-3-chloropropa	----------NA----------
119	1,3,5-trichlorobenzene	----------NA----------
120	1,2,4-trichlorobenzene	----------NA----------
121	hexachlorobutadiene	----------NA----------
122	naphthalene	----------NA----------
123	1,2,3-trichlorobenzene	----------NA----------
124	2-methylnaphthalene	----------NA----------

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03347.D M2R111.M Thu May 11 16:52:09 2023 GCMSR

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R115-ICC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03448.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Response Factor Report GCMSR

Method : C:\msdchem\1\methods\M2R115.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Calibration Files
1 =2R03443.D 4 =2R03445.D 100 =2R03449.D 50 =2R03448.D
20 =2R03447.D 200 =2R03450.D 8 =2R03446.D 2 =2R03444.D
= =

Compound	1	4	100	50	20	200	8	2	Avg	%RSD
1) I tert butyl alcohol-d9	ISTD									
2) ethanol									0.000	-1.00
3) tertiary butyl alcohol									0.000	-1.00
4) 1,4-dioxane									0.000	-1.00
5) I pentafluorobenzene	ISTD									
6) chlorodifluoromethane									0.000	-1.00
7) dichlorodifluoromethane									0.000	-1.00
8) chloromethane									0.000	-1.00
9) vinyl chloride									0.000	-1.00
10) 1,3-butadiene									0.000	-1.00
11) bromomethane									0.000	-1.00
12) chloroethane									0.000	-1.00
13) trichlorofluoromethane									0.000	-1.00
14) ethyl ether									0.000	-1.00
15) acrolein									0.000	-1.00
16) freon 113									0.000	-1.00
17) 1,1-dichloroethene									0.000	-1.00
18) acetone									0.000	-1.00
19) acetonitrile									0.000	-1.00
20) iodomethane									0.000	-1.00
21) carbon disulfide									0.000	-1.00
22) methylene chloride									0.000	-1.00
23) methyl acetate										

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R115-ICC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03448.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

		0.000	-1.00
24)	methyl tert butyl ether	0.000	-1.00
25)	trans-1,2-dichloroethene	0.000	-1.00
26)	hexane	0.000	-1.00
27)	di-isopropyl ether	0.000	-1.00
28)	2-butanone	0.000	-1.00
29)	1,1-dichloroethane	0.000	-1.00
30)	chloroprene	0.000	-1.00
31)	acrylonitrile	0.000	-1.00
32)	vinyl acetate	0.000	-1.00
33)	ethyl tert-butyl ether	0.000	-1.00
34)	ethyl acetate	0.000	-1.00
35)	2,2-dichloropropane	0.000	-1.00
36)	cis-1,2-dichloroethene	0.000	-1.00
37)	propionitrile	0.000	-1.00
38)	methyl acrylate	0.000	-1.00
39)	methacrylonitrile	0.000	-1.00
40)	bromochloromethane	0.000	-1.00
41)	tetrahydrofuran	0.000	-1.00
42)	chloroform	0.000	-1.00
43)	tert-Butyl Formate	0.000	-1.00
44)	dibromofluoromethane (s) 0.434 0.444 0.456 0.458 0.447 0.450 0.452 0.440	0.448	1.78
45)	1,1,1-trichloroethane	0.000	-1.00
46)	cyclohexane	0.000	-1.00
47)	isobutyl alcohol	0.000	-1.00
48)	1,1-dichloropropene	0.000	-1.00
49)	carbon tetrachloride	0.000	-1.00
50)	tert-amyl alcohol	0.000	-1.00
51)	isopropyl acetate	0.000	-1.00
52) I	1,4-difluorobenzene ----------ISTD----------		
53)	1,2-dichloroethane-d4 (s)		

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R115-ICC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03448.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

	0.368 0.372 0.374 0.370 0.368 0.366 0.371 0.369	0.370	0.68
54)	n-butyl alcohol	0.000	-1.00
55)	2,2,4-trimethylpentane	0.000	-1.00
56)	benzene	0.000	-1.00
57)	tert-amyl methyl ether	0.000	-1.00
58)	heptane	0.000	-1.00
59)	1,2-dichloroethane	0.000	-1.00
60)	ethyl acrylate	0.000	-1.00
61)	trichloroethene	0.000	-1.00
62)	2-chloroethyl vinyl ether	0.000	-1.00
63)	methyl methacrylate	0.000	-1.00
64)	methylcyclohexane	0.000	-1.00
65)	1,2-dichloropropane	0.000	-1.00
66)	dibromomethane	0.000	-1.00
67)	bromodichloromethane	0.000	-1.00
68)	2-nitropropane	0.000	-1.00
69)	epichlorohydrin	0.000	-1.00
70)	cis-1,3-dichloropropene	0.000	-1.00
71)	4-methyl-2-pentanone	0.000	-1.00
72)	isoamyl alcohol	0.000	-1.00
73) I	chlorobenzene-d5 ----------ISTD----------		
74)	toluene-d8 (s) 1.304 1.313 1.305 1.301 1.303 1.306 1.310 1.295	1.305	0.42
75)	toluene	0.000	-1.00
76)	ethyl methacrylate	0.000	-1.00
77)	trans-1,3-dichloropropene	0.000	-1.00
78)	1,1,2-trichloroethane	0.000	-1.00
79)	tetrachloroethene	0.000	-1.00
80)	2-hexanone	0.000	-1.00
81)	1,3-dichloropropane	0.000	-1.00
82)	butyl acetate	0.000	-1.00
83)	dibromochloromethane		

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R115-ICC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03448.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

		0.000	-1.00
84)	1,2-dibromoethane	0.000	-1.00
85)	n-butyl ether	0.000	-1.00
86)	chlorobenzene	0.000	-1.00
87)	1,1,1,2-tetrachloroethane	0.000	-1.00
88)	ethylbenzene	0.000	-1.00
89)	m,p-xylene	0.000	-1.00
90)	o-xylene	0.000	-1.00
91)	styrene	0.000	-1.00
92)	butyl acrylate	0.000	-1.00
93)	n-amyl acetate	0.000	-1.00
94)	isopropylbenzene	0.000	-1.00
95)	bromoform	0.000	-1.00
96)	cis-1,4-dichloro-2-butene	0.000	-1.00
97) I	1,4-dichlorobenzene-d ----------ISTD----------		
98)	4-bromofluorobenzene (s) 0.857 0.859 0.852 0.862 0.846 0.846 0.863 0.861	0.856	0.82
99)	1,1,2,2-tetrachloroethane	0.000	-1.00
100)	trans-1,4-dichloro-2-butene	0.000	-1.00
101)	1,2,3-trichloropropane	0.000	-1.00
102)	bromobenzene	0.000	-1.00
103)	n-propylbenzene	0.000	-1.00
104)	2-chlorotoluene	0.000	-1.00
105)	4-chlorotoluene	0.000	-1.00
106)	1,3,5-trimethylbenzene	0.000	-1.00
107)	tert-butylbenzene	0.000	-1.00
108)	1,2,4-trimethylbenzene	0.000	-1.00
109)	sec-butylbenzene	0.000	-1.00
110)	p-isopropyltoluene	0.000	-1.00
111)	1,2,3-trimethylbenzene	0.000	-1.00
112)	1,3-dichlorobenzene	0.000	-1.00
113)	1,4-dichlorobenzene		

Initial Calibration Summary

Job Number: JD65823 **Sample:** V2R115-ICC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03448.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

```
                                                                    0.000   -1.00
114)  1,2-dichlorobenzene
                                                                    0.000   -1.00
115)  benzyl chloride
                                                                    0.000   -1.00
116)  n-butylbenzene
                                                                    0.000   -1.00
117)  hexachloroethane
                                                                    0.000   -1.00
118)  1,2-dibromo-3-chloropropane
                                                                    0.000   -1.00
119)  1,3,5-trichlorobenzene
                                                                    0.000   -1.00
120)  1,2,4-trichlorobenzene
                                                                    0.000   -1.00
121)  hexachlorobutadiene
                                                                    0.000   -1.00
122)  naphthalene
                                                                    0.000   -1.00
123)  1,2,3-trichlorobenzene
                                                                    0.000   -1.00
124)  2-methylnaphthalene
                                                                    0.000   -1.00

125)     pentafluorobenzene(a) ----------------ISTD---------------------
126)  Freon 143A
           0.233 0.228 0.274 0.268 0.234 0.267 0.219 0.201         0.240   11.01
127)  Freon 114
           0.180 0.177 0.217 0.208 0.195 0.203 0.173 0.174         0.191    8.98
128)  Freon 142B
           0.333 0.333 0.406 0.387 0.348 0.392 0.329 0.292         0.352   11.02
129)  vinyl bromide
           0.121 0.113 0.150 0.140 0.130 0.147 0.114 0.109         0.128   12.58
130)  Freon 141B
           0.372 0.386 0.462 0.437 0.388 0.444 0.370 0.336         0.399   10.88

131)     1,4-dichlorobenzene-d ----------------ISTD---------------------
132)  4-ethyltoluene
           1.840 1.794 2.076 1.942 1.796 2.019 1.599 1.608         1.834    9.52
133)  1,4-diethylbenzene
           0.926 0.843 1.139 1.063 0.971 1.119 0.858 0.869         0.973   12.28
134)  1,2,4,5-tetramethylbenzene
           0.874 0.767 1.142 1.039 0.920 1.148 0.817 0.796         0.938   16.37
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           M2R115.M          Tue May 16 16:43:29 2023
```

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R115-ICV115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03453.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\VR0115\2R03453.D Vial: 11
Acq On : 15 May 2023 10:13 pm Operator: BridgetK
Sample : icv115-50 Inst : GCMSR
Misc : MS69262,V2R0115,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R115.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 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	3.48
2		ethanol		----------NA----------				
3		tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	96	0.00	5.02
6		chlorodifluoromethane		----------NA----------				
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----------				
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		2-butanone		----------NA----------				
29		1,1-dichloroethane		----------NA----------				
30		chloroprene		----------NA----------				
31		acrylonitrile		----------NA----------				
32		vinyl acetate		----------NA----------				
33		ethyl tert-butyl ether		----------NA----------				
34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile		----------NA----------				
38		methyl acrylate		----------NA----------				
39		methacrylonitrile		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran		----------NA----------				

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R115-ICV115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03453.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform		----------NA----------				
43		tert-Butyl Formate		----------NA----------				
44	S	dibromofluoromethane (s)	0.448	0.460	-2.7	96	0.00	5.01
45		1,1,1-trichloroethane		----------NA----------				
46		cyclohexane		----------NA----------				
47		isobutyl alcohol		----------NA----------				
48		1,1-dichloropropene		----------NA----------				
49		carbon tetrachloride		----------NA----------				
50		tert-amyl alcohol		----------NA----------				
51		isopropyl acetate		----------NA----------				
52	I	1,4-difluorobenzene	1.000	1.000	0.0	96	0.00	5.65
53	S	1,2-dichloroethane-d4 (s)	0.370	0.374	-1.1	97	0.00	5.29
54		n-butyl alcohol		----------NA----------				
55		2,2,4-trimethylpentane		----------NA----------				
56		benzene		----------NA----------				
57		tert-amyl methyl ether		----------NA----------				
58		heptane		----------NA----------				
59		1,2-dichloroethane		----------NA----------				
60		ethyl acrylate		----------NA----------				
61		trichloroethene		----------NA----------				
62		2-chloroethyl vinyl ether		----------NA----------				
63		methyl methacrylate		----------NA----------				
64		methylcyclohexane		----------NA----------				
65		1,2-dichloropropane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane		----------NA----------				
68		2-nitropropane		----------NA----------				
69		epichlorohydrin		----------NA----------				
70		cis-1,3-dichloropropene		----------NA----------				
71		4-methyl-2-pentanone		----------NA----------				
72		isoamyl alcohol		----------NA----------				
73	I	chlorobenzene-d5	1.000	1.000	0.0	97	0.00	7.81
74	S	toluene-d8 (s)	1.305	1.294	0.8	96	0.00	6.79
75		toluene		----------NA----------				
76		ethyl methacrylate		----------NA----------				
77		trans-1,3-dichloropropene		----------NA----------				
78		1,1,2-trichloroethane		----------NA----------				
79		tetrachloroethene		----------NA----------				
80		2-hexanone		----------NA----------				
81		1,3-dichloropropane		----------NA----------				
82		butyl acetate		----------NA----------				
83		dibromochloromethane		----------NA----------				
84		1,2-dibromoethane		----------NA----------				
85		n-butyl ether		----------NA----------				
86		chlorobenzene		----------NA----------				
87		1,1,1,2-tetrachloroethane		----------NA----------				
88		ethylbenzene		----------NA----------				
89		m,p-xylene		----------NA----------				
90		o-xylene		----------NA----------				
91		styrene		----------NA----------				
92		butyl acrylate		----------NA----------				
93		n-amyl acetate		----------NA----------				
94		isopropylbenzene		----------NA----------				
95		bromoform		----------NA----------				
96		cis-1,4-dichloro-2-butene		----------NA----------				
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	97	0.00	9.26
98	S	4-bromofluorobenzene (s)	0.856	0.854	0.2	96	0.00	8.56

Initial Calibration Verification

Job Number: JD65823 **Sample:** V2R115-ICV115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03453.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane	----------NA----------					
100	trans-1,4-dichloro-2-bute	----------NA----------					
101	1,2,3-trichloropropane	----------NA----------					
102	bromobenzene	----------NA----------					
103	n-propylbenzene	----------NA----------					
104	2-chlorotoluene	----------NA----------					
105	4-chlorotoluene	----------NA----------					
106	1,3,5-trimethylbenzene	----------NA----------					
107	tert-butylbenzene	----------NA----------					
108	1,2,4-trimethylbenzene	----------NA----------					
109	sec-butylbenzene	----------NA----------					
110	p-isopropyltoluene	----------NA----------					
111	1,2,3-trimethylbenzene	----------NA----------					
112	1,3-dichlorobenzene	----------NA----------					
113	1,4-dichlorobenzene	----------NA----------					
114	1,2-dichlorobenzene	----------NA----------					
115	benzyl chloride	----------NA----------					
116	n-butylbenzene	----------NA----------					
117	hexachloroethane	----------NA----------					
118	1,2-dibromo-3-chloropropa	----------NA----------					
119	1,3,5-trichlorobenzene	----------NA----------					
120	1,2,4-trichlorobenzene	----------NA----------					
121	hexachlorobutadiene	----------NA----------					
122	naphthalene	----------NA----------					
123	1,2,3-trichlorobenzene	----------NA----------					
124	2-methylnaphthalene	----------NA----------					
125	pentafluorobenzene(a)	1.000	1.000	0.0	96	0.00	5.02
126	Freon 143A	0.240	0.280	-16.7	100	0.00	1.54
127	Freon 114	0.191	0.223	-16.8	103	0.00	1.76
128	Freon 142B	0.352	0.417	-18.5	103	0.00	1.78
129	vinyl bromide	0.128	0.156	-21.9	106	0.00	2.47
130	Freon 141B	0.399	0.477	-19.5	104	0.00	2.81
131	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	97	0.00	9.26
132	4-ethyltoluene	1.834	2.288	-24.8	115	0.00	8.77
133	1,4-diethylbenzene	0.973	1.023	-5.1	94	0.00	9.43
134	1,2,4,5-tetramethylbenzen	0.938	1.195	-27.4	112	0.00	9.87

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03448.D M2R115.M Tue May 16 16:43:16 2023

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03688.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\g...2023\V2R125\2R03688.d Vial: 3
Acq On : 23 May 2023 8:39 am Operator: edwardd
Sample : cc111-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 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	111	0.01	3.49
2		ethanol	0.118	0.072	39.0#	73	0.00	2.69
3		tertiary butyl alcohol	1.482	1.062	28.3#	87	0.00	3.56
4		1,4-dioxane	0.089	0.099	-11.2	127	0.00	6.11
5	I	pentafluorobenzene	1.000	1.000	0.0	107	0.01	5.03
6		chlorodifluoromethane	0.466	0.318	31.8#	78	0.00	1.67
7		dichlorodifluoromethane	0.373	0.357	4.3	110	0.00	1.65
8		chloromethane	0.461	0.374	18.9	94	0.00	1.81
9		vinyl chloride	0.376	0.432	-14.9	129	0.00	1.91
10		1,3-butadiene	0.331	0.324	2.1	108	0.00	1.94
11		bromomethane	0.156	0.310	-98.7#	226#	0.00	2.20
12		chloroethane	0.216	0.219	-1.4	115	0.01	2.30
13		trichlorofluoromethane	0.432	0.462	-6.9	118	0.00	2.54
14		ethyl ether	0.169	0.179	-5.9	116	0.01	2.81
15		acrolein	0.075	0.046	38.7#	67	0.01	2.94
16		freon 113	0.224	0.220	1.8	112	0.01	3.05
17		1,1-dichloroethene	0.211	0.220	-4.3	115	0.01	3.04
18		acetone	0.052	0.051	1.9	112	0.01	3.07
19		acetonitrile	0.102	0.059	42.2#	64	0.00	3.33
20		iodomethane	0.358	0.213	40.5#	63	0.01	3.19
21		carbon disulfide	0.800	0.781	2.4	115	0.01	3.26
22		methylene chloride	0.287	0.294	-2.4	117	0.00	3.50
23		methyl acetate	0.080	0.087	-8.7	125	0.00	3.36
24		methyl tert butyl ether	0.977	0.911	6.8	104	0.01	3.73
25		trans-1,2-dichloroethene	0.273	0.274	-0.4	117	0.01	3.75
26		hexane	0.295	0.198	32.9#	76	0.01	3.98
27		di-isopropyl ether	1.262	0.837	33.7#	73	0.01	4.14
28		2-butanone	0.059	0.069	-16.9	129	0.01	4.59
29		1,1-dichloroethane	0.582	0.497	14.6	98	0.01	4.13
30		chloroprene	0.560	0.424	24.3#	83	0.00	4.19
31		acrylonitrile	0.226	0.131	42.0#	61	0.00	3.70
32		vinyl acetate	0.043	0.079	-83.7#	206#	0.01	4.12
33		ethyl tert-butyl ether	1.069	0.934	12.6	96	0.01	4.45
34		ethyl acetate	0.101	0.073	27.7#	80	0.00	4.61
35		2,2-dichloropropane	0.434	0.444	-2.3	115	0.00	4.62
36		cis-1,2-dichloroethene	0.308	0.330	-7.1	120	0.00	4.61
37		propionitrile	0.103	0.081	21.4#	86	0.00	4.65
38		methyl acrylate	0.064	0.076	-18.7	133	0.00	4.66
39		methacrylonitrile	0.184	0.190	-3.3	112	0.01	4.77
40		bromochloromethane	0.147	0.152	-3.4	118	0.00	4.81
41		tetrahydrofuran	0.243	0.139	42.8#	72	0.00	4.82

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03688.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform	0.590	0.551	6.6	114	0.01	4.89
43		tert-Butyl Formate	0.148	0.174	-17.6	149	0.01	4.91
44	S	dibromofluoromethane (s)	0.431	0.471	-9.3	116	0.01	5.02
45		1,1,1-trichloroethane	0.460	0.468	-1.7	116	0.01	5.04
46		cyclohexane	0.405	0.408	-0.7	116	0.01	5.10
47		isobutyl alcohol	0.039	0.027	30.8#	79	0.00	5.21
48		1,1-dichloropropene	0.398	0.401	-0.8	112	0.00	5.16
49		carbon tetrachloride	0.396	0.412	-4.0	122	0.01	5.16
50		tert-amyl alcohol	0.045	0.048	-6.7	116	0.00	5.30
51		isopropyl acetate	0.091	0.100	-9.9	120	0.00	5.33
52	I	1,4-difluorobenzene	1.000	1.000	0.0	114	0.00	5.65
53	S	1,2-dichloroethane-d4 (s)	0.363	0.322	11.3	100	0.01	5.30
54		n-butyl alcohol	0.017	0.015	11.8	97	0.00	5.74
55		2,2,4-trimethylpentane	0.726	0.481	33.7#	80	0.01	5.41
56		benzene	0.849	0.793	6.6	113	0.01	5.33
57		tert-amyl methyl ether	0.645	0.626	2.9	116	0.01	5.41
58		heptane	0.163	0.109	33.1#	80	0.00	5.54
59		1,2-dichloroethane	0.356	0.284	20.2#	103	0.01	5.36
60		ethyl acrylate	0.440	0.345	21.6#	93	0.01	5.89
61		trichloroethene	0.216	0.209	3.2	117	0.01	5.85
62		2-chloroethyl vinyl ether	0.171	0.151	11.7	103	0.01	6.47
63		methyl methacrylate	0.071	0.071	0.0	120	0.01	6.08
64		methylcyclohexane	0.365	0.313	14.2	104	0.01	6.05
65		1,2-dichloropropane	0.247	0.205	17.0	100	0.00	6.06
66		dibromomethane	0.140	0.140	0.0	124	0.00	6.13
67		bromodichloromethane	0.290	0.290	0.0	120	0.01	6.27
68		2-nitropropane	0.120	0.091	24.2#	92	0.01	6.43
69		epichlorohydrin	0.052	0.038	26.9#	88	0.00	6.51
70		cis-1,3-dichloropropene	0.370	0.357	3.5	115	0.00	6.59
71		4-methyl-2-pentanone	0.156	0.131	16.0	98	0.01	6.69
72		isoamyl alcohol	0.013	0.015	-15.4	128	0.00	6.72
73	I	chlorobenzene-d5	1.000	1.000	0.0	118	0.01	7.82
74	S	toluene-d8 (s)	1.316	1.357	-3.1	122	0.00	6.79
75		toluene	0.589	0.544	7.6	120	0.01	6.85
76		ethyl methacrylate	0.331	0.311	6.0	116	0.00	7.03
77		trans-1,3-dichloropropene	0.375	0.356	5.1	116	0.01	7.01
78		1,1,2-trichloroethane	0.194	0.187	3.6	123	0.00	7.15
79		tetrachloroethene	0.202	0.179	11.4	115	0.01	7.22
80		2-hexanone	0.186	0.151	18.8	99	0.00	7.28
81		1,3-dichloropropane	0.380	0.349	8.2	115	0.01	7.27
82		butyl acetate	0.259	0.194	25.1#	92	0.00	7.35
83		dibromochloromethane	0.240	0.242	-0.8	130	0.00	7.42
84		1,2-dibromoethane	0.236	0.237	-0.4	125	0.00	7.51
85		n-butyl ether	1.159	0.840	27.5#	91	0.00	7.86
86		chlorobenzene	0.653	0.637	2.5	126	0.00	7.83
87		1,1,1,2-tetrachloroethane	0.223	0.228	-2.2	128	0.01	7.89
88		ethylbenzene	1.127	1.081	4.1	122	0.01	7.89
89		m,p-xylene	0.424	0.416	1.9	124	0.00	7.97
90		o-xylene	0.887	0.852	3.9	121	0.00	8.22
91		styrene	0.681	0.708	-4.0	127	0.00	8.23
92		butyl acrylate	0.611	0.472	22.7#	92	0.00	8.16
93		n-amyl acetate	0.212	0.199	6.1	116	0.00	8.30
94		isopropylbenzene	1.053	1.003	4.7	118	0.01	8.45
95		bromoform	0.176	0.186	-5.7	135	0.01	8.36
96		cis-1,4-dichloro-2-butene	0.149	0.148	0.7	124	0.00	8.48
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	118	0.00	9.26
98	S	4-bromofluorobenzene (s)	0.843	0.848	-0.6	119	0.00	8.56

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03688.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane	0.714	0.759	-6.3	133	0.00	8.63
100	trans-1,4-dichloro-2-bute	0.298	0.211	29.2#	91	0.00	8.66
101	1,2,3-trichloropropane	0.222	0.238	-7.2	130	0.00	8.67
102	bromobenzene	0.576	0.566	1.7	122	0.00	8.66
103	n-propylbenzene	2.747	2.575	6.3	118	0.01	8.70
104	2-chlorotoluene	0.521	0.530	-1.7	128	0.00	8.77
105	4-chlorotoluene	1.621	1.551	4.3	120	0.01	8.84
106	1,3,5-trimethylbenzene	1.839	1.794	2.4	121	0.00	8.81
107	tert-butylbenzene	1.584	1.466	7.4	116	0.00	9.00
108	1,2,4-trimethylbenzene	1.890	1.833	3.0	120	0.00	9.03
109	sec-butylbenzene	2.303	2.087	9.4	112	0.00	9.13
110	p-isopropyltoluene	1.892	1.776	6.1	115	0.00	9.22
111	1,2,3-trimethylbenzene	1.893	1.785	5.7	121	0.00	9.28
112	1,3-dichlorobenzene	1.070	1.060	0.9	126	0.00	9.22
113	1,4-dichlorobenzene	1.053	1.047	0.6	128	0.00	9.28
114	1,2-dichlorobenzene	1.008	1.013	-0.5	124	0.00	9.49
115	benzyl chloride	1.392	1.522	-9.3	135	0.00	9.34
116	n-butylbenzene	0.894	0.821	8.2	112	0.00	9.45
117	hexachloroethane	0.236	0.217	8.1	118	0.01	9.65
118	1,2-dibromo-3-chloropropa	0.181	0.195	-7.7	131	0.00	9.93
119	1,3,5-trichlorobenzene	0.654	0.536	18.0	102	0.00	10.03
120	1,2,4-trichlorobenzene	0.498	0.437	12.2	107	0.00	10.38
121	hexachlorobutadiene	0.224	0.155	30.8#	89	0.00	10.44
122	naphthalene	1.288	1.462	-13.5	135	0.00	10.53
123	1,2,3-trichlorobenzene	0.357	0.381	-6.7	132	0.01	10.65
124	2-methylnaphthalene	0.092	0.187	-103.3#	248#	0.00	11.13
125	pentafluorobenzene(a)	1.000	1.000	0.0	90	0.00	5.03
126	Freon 143A		----------NA----------				
127	Freon 114		----------NA----------				
128	Freon 142B		----------NA----------				
129	vinyl bromide		----------NA----------				
130	Freon 141B		----------NA----------				
131	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	97	0.00	9.26
132	4-ethyltoluene		----------NA----------				
133	1,4-diethylbenzene		----------NA----------				
134	1,2,4,5-tetramethylbenzen		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03345.D M2R111.M Wed May 24 04:23:44 2023

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03689.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\g...2023\V2R125\2R03689.d Vial: 4
Acq On : 23 May 2023 9:13 am Operator: edwardd
Sample : cc111-1 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 2023
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 100% 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	130	0.01	3.49
2		ethanol	0.118	0.086	27.1	86	0.00	2.70
3		tertiary butyl alcohol	1.482	1.246	15.9	101	0.00	3.56
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	110	0.01	5.03
6		chlorodifluoromethane	0.466	0.321	31.1	75	0.00	1.67
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	0.075	0.035	53.3	60	0.02	2.96
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone		----------NA----------				
19		acetonitrile	0.102	0.069	32.4	74	0.01	3.34
20		iodomethane	0.358	0.292	18.4	117	0.01	3.19
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	0.295	0.133	54.9	55	0.01	3.98
27		di-isopropyl ether	1.262	0.743	41.1	69	0.01	4.14
28		2-butanone		----------NA----------				
29		1,1-dichloroethane		----------NA----------				
30		chloroprene	0.560	0.342	38.9	76	0.00	4.19
31		acrylonitrile	0.226	0.139	38.5	78	0.00	3.70
32		vinyl acetate		----------NA----------				
33		ethyl tert-butyl ether		----------NA----------				
34		ethyl acetate	0.101	0.045	55.4	0#	0.00	4.62
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene		----------NA----------				
37		propionitrile	0.103	0.085	17.5	93	0.00	4.65
38		methyl acrylate		----------NA----------				
39		methacrylonitrile		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran	0.243	0.183	24.7	69	0.02	4.83

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03689.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform		----------NA----------					
43		tert-Butyl Formate		----------NA----------					
44	S	dibromofluoromethane (s)	0.431	0.485	-12.5	121	0.01	5.02	
45		1,1,1-trichloroethane		----------NA----------					
46		cyclohexane		----------NA----------					
47		isobutyl alcohol	0.039	0.030	23.1	88	0.00	5.21	
48		1,1-dichloropropene		----------NA----------					
49		carbon tetrachloride		----------NA----------					
50		tert-amyl alcohol		----------NA----------					
51		isopropyl acetate		----------NA----------					
52	I	1,4-difluorobenzene	1.000	1.000	0.0	117	0.01	5.66	
53	S	1,2-dichloroethane-d4 (s)	0.363	0.339	6.6	110	0.01	5.30	
54		n-butyl alcohol		----------NA----------					
55		2,2,4-trimethylpentane	0.726	0.393	45.9	68	0.02	5.41	
56		benzene		----------NA----------					
57		tert-amyl methyl ether		----------NA----------					
58		heptane	0.163	0.100	38.7	76	0.00	5.54	
59		1,2-dichloroethane	0.356	0.316	11.2	100	0.01	5.36	
60		ethyl acrylate	0.440	0.354	19.5	106	0.01	5.89	
61		trichloroethene		----------NA----------					
62		2-chloroethyl vinyl ether		----------NA----------					
63		methyl methacrylate		----------NA----------					
64		methylcyclohexane		----------NA----------					
65		1,2-dichloropropane		----------NA----------					
66		dibromomethane		----------NA----------					
67		bromodichloromethane		----------NA----------					
68		2-nitropropane	0.120	0.106	11.7	102	0.01	6.43	
69		epichlorohydrin	0.052	0.036	30.8	82	0.00	6.51	
70		cis-1,3-dichloropropene		----------NA----------					
71		4-methyl-2-pentanone		----------NA----------					
72		isoamyl alcohol		----------NA----------					
73	I	chlorobenzene-d5	1.000	1.000	0.0	114	0.01	7.82	
74	S	toluene-d8 (s)	1.316	1.362	-3.5	118	0.01	6.80	
75		toluene		----------NA----------					
76		ethyl methacrylate		----------NA----------					
77		trans-1,3-dichloropropene		----------NA----------					
78		1,1,2-trichloroethane		----------NA----------					
79		tetrachloroethene		----------NA----------					
80		2-hexanone		----------NA----------					
81		1,3-dichloropropane		----------NA----------					
82		butyl acetate	0.259	0.180	30.5	85	0.01	7.36	
83		dibromochloromethane		----------NA----------					
84		1,2-dibromoethane		----------NA----------					
85		n-butyl ether	1.159	0.778	32.9	79	0.01	7.87	
86		chlorobenzene		----------NA----------					
87		1,1,1,2-tetrachloroethane		----------NA----------					
88		ethylbenzene		----------NA----------					
89		m,p-xylene		----------NA----------					
90		o-xylene		----------NA----------					
91		styrene		----------NA----------					
92		butyl acrylate	0.611	0.401	34.4	85	0.00	8.16	
93		n-amyl acetate		----------NA----------					
94		isopropylbenzene		----------NA----------					
95		bromoform		----------NA----------					
96		cis-1,4-dichloro-2-butene		----------NA----------					
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	103	0.01	9.26	
98	S	4-bromofluorobenzene (s)	0.843	0.876	-3.9	105	0.00	8.56	

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC111
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03689.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane		----------NA----------				
100	trans-1,4-dichloro-2-bute	0.298	0.237	20.5	91	0.00	8.66
101	1,2,3-trichloropropane		----------NA----------				
102	bromobenzene		----------NA----------				
103	n-propylbenzene		----------NA----------				
104	2-chlorotoluene		----------NA----------				
105	4-chlorotoluene		----------NA----------				
106	1,3,5-trimethylbenzene		----------NA----------				
107	tert-butylbenzene		----------NA----------				
108	1,2,4-trimethylbenzene		----------NA----------				
109	sec-butylbenzene		----------NA----------				
110	p-isopropyltoluene		----------NA----------				
111	1,2,3-trimethylbenzene		----------NA----------				
112	1,3-dichlorobenzene		----------NA----------				
113	1,4-dichlorobenzene		----------NA----------				
114	1,2-dichlorobenzene		----------NA----------				
115	benzyl chloride		----------NA----------				
116	n-butylbenzene		----------NA----------				
117	hexachloroethane		----------NA----------				
118	1,2-dibromo-3-chloropropa		----------NA----------				
119	1,3,5-trichlorobenzene		----------NA----------				
120	1,2,4-trichlorobenzene		----------NA----------				
121	hexachlorobutadiene	0.224	0.155	30.8	83	0.00	10.44
122	naphthalene		----------NA----------				
123	1,2,3-trichlorobenzene		----------NA----------				
124	2-methylnaphthalene		----------NA----------				
125	pentafluorobenzene(a)	1.000	1.000	0.0	79	0.00	5.03
126	Freon 143A		----------NA----------				
127	Freon 114		----------NA----------				
128	Freon 142B		----------NA----------				
129	vinyl bromide		----------NA----------				
130	Freon 141B		----------NA----------				
131	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	75	0.00	9.26
132	4-ethyltoluene		----------NA----------				
133	1,4-diethylbenzene		----------NA----------				
134	1,2,4,5-tetramethylbenzen	0.938	0.045	95.2	4#	0.05	9.92

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03337.D M2R111.M Wed May 24 05:12:01 2023

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\g...2023\V2R125\2R03691.d Vial: 6
Acq On : 23 May 2023 10:10 am Operator: edwardd
Sample : cc115-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R115.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
Last Update : Tue May 16 16:33:27 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	82	0.01	3.50
2		ethanol		----------NA----------				
3		tertiary butyl alcohol		----------NA----------				
4		1,4-dioxane		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	89	0.00	5.03
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane		----------NA----------				
8		chloromethane	0.000	0.008	0.0	0#	-0.03	1.78
9		vinyl chloride		----------NA----------				
10		1,3-butadiene	0.000	0.000	0.0	0#	-0.04	1.90
11		bromomethane	0.000	0.012	0.0	0#	0.02	2.20
12		chloroethane		----------NA----------				
13		trichlorofluoromethane		----------NA----------				
14		ethyl ether		----------NA----------				
15		acrolein		----------NA----------				
16		freon 113		----------NA----------				
17		1,1-dichloroethene		----------NA----------				
18		acetone	0.000	0.000	0.0	0#	0.02	3.09
19		acetonitrile	0.000	0.000	0.0	0#	-0.02	3.33
20		iodomethane	0.000	0.004	0.0	0#	0.00	3.19
21		carbon disulfide	0.000	0.002	0.0	0#	0.00	3.26
22		methylene chloride	0.000	0.002	0.0	0#	0.02	3.52
23		methyl acetate		----------NA----------				
24		methyl tert butyl ether	0.000	0.008	0.0	0#	0.00	3.73
25		trans-1,2-dichloroethene	0.000	0.000	0.0	0#	0.02	3.75
26		hexane	0.000	0.005	0.0	0#	0.00	3.98
27		di-isopropyl ether		----------NA----------				
28		2-butanone		----------NA----------				
29		1,1-dichloroethane		----------NA----------				
30		chloroprene		----------NA----------				
31		acrylonitrile		----------NA----------				
32		vinyl acetate		----------NA----------				
33		ethyl tert-butyl ether		----------NA----------				
34		ethyl acetate		----------NA----------				
35		2,2-dichloropropane		----------NA----------				
36		cis-1,2-dichloroethene	0.000	0.001	0.0	0#	0.00	4.61
37		propionitrile		----------NA----------				
38		methyl acrylate		----------NA----------				
39		methacrylonitrile		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran	0.000	0.002	0.0	0#	0.01	4.82

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform	0.000	0.006	0.0	0#	0.02	4.90
43		tert-Butyl Formate		----------NA----------				
44	S	dibromofluoromethane (s)	0.448	0.484	-8.0	97	0.01	5.02
45		1,1,1-trichloroethane		----------NA----------				
46		cyclohexane	0.000	0.005	0.0	0#	0.01	5.10
47		isobutyl alcohol		----------NA----------				
48		1,1-dichloropropene	0.000	0.001	0.0	0#	0.02	5.11
49		carbon tetrachloride	0.000	0.241	0.0	0#	0.00	5.03
50		tert-amyl alcohol		----------NA----------				
51		isopropyl acetate		----------NA----------				
52	I	1,4-difluorobenzene	1.000	1.000	0.0	94	0.00	5.66
53	S	1,2-dichloroethane-d4 (s)	0.370	0.349	5.7	89	0.00	5.30
54		n-butyl alcohol	0.000	0.001	0.0	0#	0.01	5.66
55		2,2,4-trimethylpentane		----------NA----------				
56		benzene	0.000	0.000	0.0	0#	0.01	5.33
57		tert-amyl methyl ether		----------NA----------				
58		heptane	0.000	0.004	0.0	0#	0.00	5.54
59		1,2-dichloroethane	0.000	0.003	0.0	0#	0.00	5.36
60		ethyl acrylate		----------NA----------				
61		trichloroethene	0.000	0.000	0.0	0#	-0.07	5.77
62		2-chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00	6.47
63		methyl methacrylate		----------NA----------				
64		methylcyclohexane	0.000	0.004	0.0	0#	0.00	6.05
65		1,2-dichloropropane		----------NA----------				
66		dibromomethane		----------NA----------				
67		bromodichloromethane	0.000	0.000	0.0	0#	0.02	6.27
68		2-nitropropane		----------NA----------				
69		epichlorohydrin		----------NA----------				
70		cis-1,3-dichloropropene		----------NA----------				
71		4-methyl-2-pentanone	0.000	0.006	0.0	0#	0.00	6.80
72		isoamyl alcohol	0.000	0.016	0.0	0#	0.01	6.80
73	I	chlorobenzene-d5	1.000	1.000	0.0	93	0.00	7.82
74	S	toluene-d8 (s)	1.305	1.364	-4.5	97	0.00	6.80
75		toluene	0.000	0.000	0.0	0#	0.00	6.85
76		ethyl methacrylate		----------NA----------				
77		trans-1,3-dichloropropene	0.000	0.001	0.0	0#	0.01	6.89
78		1,1,2-trichloroethane		----------NA----------				
79		tetrachloroethene		----------NA----------				
80		2-hexanone		----------NA----------				
81		1,3-dichloropropane		----------NA----------				
82		butyl acetate		----------NA----------				
83		dibromochloromethane	0.000	0.000	0.0	0#	0.00	7.42
84		1,2-dibromoethane	0.000	0.008	0.0	0#	0.00	7.51
85		n-butyl ether	0.000	0.001	0.0	0#	0.01	7.87
86		chlorobenzene		----------NA----------				
87		1,1,1,2-tetrachloroethane		----------NA----------				
88		ethylbenzene	0.000	0.001	0.0	0#	0.00	7.97
89		m,p-xylene	0.000	0.000	0.0	0#	0.01	7.97
90		o-xylene		----------NA----------				
91		styrene		----------NA----------				
92		butyl acrylate		----------NA----------				
93		n-amyl acetate		----------NA----------				
94		isopropylbenzene	0.000	0.001	0.0	0#	0.00	8.56
95		bromoform	0.000	0.003	0.0	0#	0.02	8.57
96		cis-1,4-dichloro-2-butene	0.000	0.047	0.0	0#	0.00	8.56
97	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	84	0.00	9.26
98	S	4-bromofluorobenzene (s)	0.856	0.868	-1.4	86	0.00	8.57

Continuing Calibration Summary

Job Number: JD65823 **Sample:** V2R125-CC115
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** 2R03691.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	1,1,2,2-tetrachloroethane	0.000	0.002	0.0	0#	0.00	8.56
100	trans-1,4-dichloro-2-bute	0.000	0.001	0.0	0#	0.00	8.78
101	1,2,3-trichloropropane		----------NA----------				
102	bromobenzene	0.000	0.001	0.0	0#	-0.09	8.56
103	n-propylbenzene	0.000	0.011	0.0	0#	0.00	8.56
104	2-chlorotoluene		----------NA----------				
105	4-chlorotoluene	0.000	0.007	0.0	0#	0.00	8.78
106	1,3,5-trimethylbenzene	0.000	0.056	0.0	0#	0.00	8.78
107	tert-butylbenzene		----------NA----------				
108	1,2,4-trimethylbenzene	0.000	0.001	0.0	0#	0.00	9.03
109	sec-butylbenzene	0.000	0.001	0.0	0#	0.00	9.03
110	p-isopropyltoluene	0.000	0.001	0.0	0#	0.16	9.38
111	1,2,3-trimethylbenzene	0.000	0.009	0.0	0#	0.07	9.43
112	1,3-dichlorobenzene	0.000	0.001	0.0	0#	0.01	9.22
113	1,4-dichlorobenzene	0.000	0.003	0.0	0#	0.00	9.26
114	1,2-dichlorobenzene	0.000	0.003	0.0	0#	-0.22	9.26
115	benzyl chloride	0.000	0.005	0.0	0#	0.07	9.44
116	n-butylbenzene		----------NA----------				
117	hexachloroethane		----------NA----------				
118	1,2-dibromo-3-chloropropa		----------NA----------				
119	1,3,5-trichlorobenzene		----------NA----------				
120	1,2,4-trichlorobenzene		----------NA----------				
121	hexachlorobutadiene		----------NA----------				
122	naphthalene		----------NA----------				
123	1,2,3-trichlorobenzene		----------NA----------				
124	2-methylnaphthalene		----------NA----------				
125	pentafluorobenzene(a)	1.000	1.000	0.0	89	0.00	5.03
126	Freon 143A	0.240	0.284	-18.3	108	0.01	1.54
127	Freon 114		----------NA----------				
128	Freon 142B	0.352	0.408	-15.9	105	0.01	1.78
129	vinyl bromide	0.128	0.136	-6.3	93	0.01	2.49
130	Freon 141B	0.399	0.411	-3.0	95	0.02	2.82
131	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	84	0.00	9.26
132	4-ethyltoluene		----------NA----------				
133	1,4-diethylbenzene		----------NA----------				
134	1,2,4,5-tetramethylbenzen		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2R03447.D M2R115.M Wed May 24 04:40:07 2023

Initial Calibration Summary

Job Number: JD65823 **Sample:** VL10779-ICC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355090.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Response Factor Report GCMS-L

Method : C:\msdchem\1\METHODS\ML10779.M (RTE Integrator)
Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
Last Update : Mon May 01 11:59:52 2023
Response via : Initial Calibration

Calibration Files
8 =L355088.D 0.5 =L355084.D 4 =L355087.D 50 =L355090.D
100 =L355091.D 1 =L355085.D 200 =L355092.D 20 =L355089.D
2 =L355086.D 0.2 =L355083.D = =

Compound	8	0.5	4	50	100	1	200	20	2	0.2	Avg	%RSD
1) I tert butyl alcohol-d9	----------ISTD----------											
2) 1,4-dioxane	0.032	0.032	0.033	0.033	0.036	0.042					0.035	11.07
3) ethanol	0.063	0.079	0.071	0.072	0.106	0.075	0.085	0.087			0.080	16.64
4) tertiary butyl alcohol	1.668	1.829	1.636	1.599	1.822	1.660	1.731	1.663			1.701	5.01
5) I pentafluorobenzene	----------ISTD----------											
6) chlorodifluoromethane	1.342	1.515	1.332	1.329	1.211	1.554	1.138	1.391	1.269		1.342	9.89
7) dichlorodifluoromethane	0.981	0.886	1.017	1.081	1.008	1.152	0.966	1.083	0.923	0.990	1.009	7.86
8) chloromethane	1.091	1.065	1.127	1.107	1.017	1.298	0.962	1.149	1.096		1.101	8.46
9) vinyl chloride	0.870	0.804	0.874	0.877	0.804	0.907	0.776	0.910	0.874		0.855	5.65
10) 1,3-butadiene	0.956	1.110	0.952	0.876	0.779	1.144	0.727	0.983	0.892		0.936	14.65
11) bromomethane	0.313	0.395	0.309	0.328	0.313	0.361	0.324	0.322	0.296		0.329	9.22
12) chloroethane	0.433	0.518	0.438	0.421	0.398	0.476	0.388	0.443	0.432		0.439	8.91
13) trichlorofluoromethane	0.917	0.795	0.903	0.916	0.858	1.025	0.828	0.952	0.906		0.900	7.53
14) ethyl ether	0.407	0.355	0.405	0.405	0.374	0.427	0.370	0.399	0.427		0.397	6.38
15) acrolein	0.181	0.214	0.193	0.186	0.190	0.199	0.215				0.197	6.78
16) freon 113	0.466	0.583	0.505	0.476	0.428	0.519	0.414	0.487	0.459		0.482	10.47
17) 1,1-dichloroethene	0.483	0.492	0.478	0.458	0.404	0.524	0.388	0.495	0.474		0.466	9.39
18) acetone	0.106	0.106	0.093	0.088	0.130	0.073	0.101	0.113			0.101	16.75
19) acetonitrile	0.068	0.066	0.057	0.052	0.050	0.059					0.059	12.42
20) iodomethane	0.435	0.403	0.585	0.609	0.605	0.515	0.376				0.504	19.75
21) iso-butyl alcohol	0.039	0.044	0.037	0.033	0.032	0.042					0.038	12.85
22) carbon disulfide	1.910	2.401	2.024	1.809	1.618	2.328	1.567	1.915	2.014		1.954	14.43
23) methylene chloride												

Initial Calibration Summary

Job Number: JD65823 **Sample:** VL10779-ICC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355090.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

```
      0.563 0.720 0.578 0.533 0.505 0.668 0.494 0.572 0.540        0.575   12.94
24)  methyl acetate
      0.131       0.143 0.143 0.128 0.180 0.126 0.145 0.151        0.143   12.09
25)  methyl tert butyl ether
      1.924 1.944 1.975 1.778 1.591 2.253 1.489 1.927 1.885 1.865  1.863   11.33
26)  trans-1,2-dichloroethene
      0.520 0.597 0.587 0.491 0.449 0.637 0.433 0.526 0.538 0.592  0.537   12.43
27)  hexane
      1.392 1.531 1.516 1.306 1.187 1.665 1.116 1.362 1.460        1.393   12.45
28)  di-isopropyl ether
      2.896 3.116 3.078 2.495 2.166 3.560 1.957 2.849 3.026        2.794   18.00
29)  ethyl tert-butyl ether
      2.450 2.539 2.531 2.195 1.997 2.760 1.878 2.418 2.430        2.355   11.91
30)  2-butanone
      0.101 0.086 0.117 0.098 0.093 0.111 0.089 0.102 0.104        0.100   10.13
31)  1,1-dichloroethane
      1.237 1.345 1.351 1.077 0.984 1.502 0.930 1.228 1.297 1.120  1.207   14.80
32)  chloroprene
      1.271 1.405 1.346 1.161 1.053 1.519 1.010 1.253 1.218        1.248   13.04
33)  acrylonitrile
      0.403       0.415 0.406 0.381 0.425 0.387 0.427 0.433        0.409    4.58
34)  vinyl acetate
      0.138       0.159 0.133 0.117       0.137 0.151 0.123        0.137   10.69
35)  ethyl acetate
      0.201       0.183 0.169 0.154       0.154 0.187              0.175   10.97
36)  2,2-dichloropropane
      0.911 1.052 0.964 0.781 0.711 1.111 0.676 0.867 0.959        0.892   16.60
37)  cis-1,2-dichloroethene
      0.588 0.638 0.625 0.539 0.483 0.704 0.462 0.578 0.584        0.578   13.08
38)  propionitrile
      0.132 0.149 0.147 0.116 0.104 0.159 0.101 0.132 0.147        0.132   15.87
39)  methyl acrylate
      0.122       0.129 0.109 0.094       0.094 0.113              0.110   13.06
40)  bromochloromethane
      0.269 0.311 0.300 0.242 0.226 0.278 0.222 0.262 0.249        0.262   11.78
41)  tetrahydrofuran
      0.114       0.137 0.109 0.109       0.108 0.119 0.119        0.116    8.73
42)  chloroform
      1.057       1.081 0.943 0.853 1.357 0.833 1.011 1.216        1.044   17.04
43)  dibromofluoromethane (s)
      0.418 0.404 0.412 0.420 0.420 0.411 0.418 0.407 0.403 0.410  0.412    1.58
44)  methacrylonitrile
      0.330       0.394 0.330 0.308       0.314 0.342 0.381        0.343    9.56
45)  1,1,1-trichloroethane
      0.787 0.782 0.821 0.781 0.740 0.891 0.749 0.805 0.808        0.796    5.58
46)  cyclohexane
      0.903 0.910 0.893 0.834 0.762 1.033 0.735 0.895 0.905        0.874   10.11
47)  1,1-dichloropropene
      0.818 0.888 0.792 0.731 0.672 0.890 0.656 0.791 0.835 0.674  0.775   11.30
48)  carbon tetrachloride
      0.719 0.716 0.766 0.656 0.603 0.831 0.590 0.705 0.742        0.703   10.93
49)  isopropyl acetate
      0.163       0.167 0.159 0.147 0.185 0.152 0.165 0.161        0.162    7.05
50)  tert amyl alcohol
      0.036       0.040 0.036 0.032       0.033 0.038 0.034        0.036    7.64

51) I   1,4-difluorobenzene   ----------------ISTD---------------------
52)  1,2-dichloroethane-d4 (s)
      0.369 0.366 0.364 0.341 0.327 0.374 0.307 0.346 0.370 0.369  0.353    6.34
53)  tert-amyl methyl ether
```

Initial Calibration Summary

Job Number: JD65823 **Sample:** VL10779-ICC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355090.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

	1.272	1.467	1.379	1.102	0.996	1.576	0.955	1.249	1.383		1.264	16.77
54)	2,2,4-trimethylpentane											
	1.648	2.024	1.793	1.412	1.220	1.949	1.183	1.603	1.830		1.629	18.66
55)	n-butyl alcohol											
	0.009		0.013	0.012	0.011		0.011	0.013	0.013		0.012	11.75
56)	benzene											
	1.631	1.744	1.812	1.396	1.275	1.916	1.196	1.601	1.722		1.588	15.58
57)	heptane											
	0.389		0.436	0.367	0.337		0.342	0.375	0.432		0.383	10.33
58)	1,2-dichloroethane											
	0.562	0.735	0.609	0.504	0.473	0.670	0.461	0.589	0.683		0.587	16.43
59)	trichloroethene											
	0.426	0.494	0.438	0.389	0.374	0.454	0.362	0.428	0.415		0.420	9.82
60)	ethyl acrylate											
	0.883		0.961	0.804	0.730	0.995	0.707	0.897	0.947		0.865	12.43
61)	2-nitropropane											
	0.217		0.247	0.186	0.197		0.203	0.206			0.209	10.07
62)	2-chloroethyl vinyl ether											
	0.202	0.185	0.207	0.206	0.194	0.211	0.189	0.220	0.200		0.202	5.48
63)	methyl methacrylate											
	0.131		0.138	0.121	0.111	0.139	0.109	0.136	0.142		0.129	10.14
64)	1,2-dichloropropane											
	0.528	0.607	0.542	0.454	0.404	0.599	0.388	0.511	0.536		0.508	15.34
65)	methylcyclohexane											
	0.771	0.811	0.825	0.705	0.638	0.943	0.618	0.774	0.808		0.766	13.10
66)	dibromomethane											
	0.239	0.303	0.253	0.215	0.207	0.320	0.212	0.242	0.241		0.248	15.92
67)	bromodichloromethane											
	0.559	0.723	0.636	0.529	0.501	0.676	0.493	0.571	0.610		0.589	13.44
68)	cis-1,3-dichloropropene											
	0.747	0.806	0.769	0.706	0.654	0.899	0.633	0.771	0.754	0.817	0.756	10.37
69)	epichlorohydrin											
	0.068		0.074	0.061	0.059		0.061	0.068	0.080		0.067	11.50
70)	4-methyl-2-pentanone											
	0.285		0.309	0.253	0.225	0.341	0.211	0.287	0.317		0.279	16.37
71)	3-methyl-1-butanol											
	0.011		0.013	0.011	0.010	0.015	0.010	0.013	0.013		0.012	13.65
72)	I chlorobenzene-d5				----------ISTD----------							
73)	toluene-d8 (s)											
	1.353	1.390	1.341	1.263	1.239	1.375	1.249	1.293	1.364	1.366	1.323	4.30
74)	toluene											
	1.140	1.225	1.223	1.003	0.933	1.277	0.894	1.132	1.151	1.069	1.105	11.59
75)	trans-1,3-dichloropropene											
	0.768	1.023	0.820	0.705	0.657	0.859	0.639	0.776	0.821		0.785	14.87
76)	ethyl methacrylate											
	0.753		0.770	0.644	0.587	0.893	0.562	0.733	0.805		0.718	15.71
77)	1,1,2-trichloroethane											
	0.384	0.438	0.417	0.344	0.322	0.501	0.319	0.380	0.407		0.390	15.04
78)	2-hexanone											
	0.318		0.355	0.272	0.242	0.413		0.315	0.351		0.324	17.50
79)	tetrachloroethene											
	0.474	0.429	0.505	0.425	0.399	0.548	0.398	0.464	0.509		0.461	11.42
80)	1,3-dichloropropane											
	0.771	0.826	0.874	0.667	0.609	0.893	0.585	0.768	0.876		0.763	15.42
81)	butyl acetate											
	0.556		0.565	0.482	0.440		0.431	0.536	0.615		0.518	13.30
82)	dibromochloromethane											
	0.450	0.572	0.492	0.414	0.396	0.570	0.393	0.458	0.467		0.468	14.34
83)	1,2-dibromoethane											

```
      0.468 0.503 0.474 0.417 0.402 0.536 0.403 0.450 0.503        0.462   10.35
 84)  n-butyl ether
      2.571       2.689 2.168 1.914       1.687 2.508 2.691        2.318   17.27
 85)  chlorobenzene
      1.158 1.308 1.275 1.071 1.008 1.271 0.965 1.171 1.153        1.153   10.44
 86)  1,1,1,2-tetrachloroethane
      0.419 0.499 0.437 0.341 0.312 0.475 0.297 0.393 0.430        0.400   17.63
 87)  ethylbenzene
      2.086       2.265 1.708 1.512 2.405 1.362 2.011 2.233        1.948   19.45
 88)  m,p-xylene
      0.808 0.979 0.878 0.695 0.626 0.922 0.580 0.787 0.810 0.835  0.792   15.95
 89)  o-xylene
      0.799 1.031 0.883 0.703 0.639 1.022 0.599 0.790 0.859 0.787  0.811   17.80
 90)  butyl acrylate
      1.378 1.593 1.448 1.255 1.150 1.580 1.076 1.361 1.389        1.359   12.94
 91)  styrene
      1.342 1.467 1.394 1.118 1.009 1.519 0.919 1.296 1.406 1.255  1.272   15.61
 92)  bromoform
      0.352 0.326 0.373 0.310 0.293 0.444 0.294 0.332 0.377        0.345   14.04
 93)  isopropylbenzene
      2.064 2.373 2.128 1.785 1.611 2.463 1.462 2.032 2.257        2.019   16.84
 94)  cis-1,4-dichloro-2-butene
      0.234       0.245 0.216 0.208       0.208 0.230 0.231        0.225    6.24

 95) I   1,4-dichlorobenzene-d ----------------ISTD--------------------
 96)  4-bromofluorobenzene (s)
      1.148 1.148 1.152 1.166 1.204 1.159 1.251 1.167 1.140 1.148  1.168    2.95
 97)  bromobenzene
      1.086 1.106 1.137 1.039 0.988 1.208 1.004 1.120 1.112        1.089    6.34
 98)  1,1,2,2-tetrachloroethane
      1.528 1.723 1.694 1.467 1.424 1.724 1.476 1.564 1.664        1.585    7.47
 99)  trans-1,4-dichloro-2-butene
      0.509       0.525 0.487 0.473       0.484 0.536 0.549        0.509    5.67
100)  1,2,3-trichloropropane
      0.431       0.485 0.384 0.372 0.493 0.378 0.444 0.403        0.424   11.22
101)  n-propylbenzene
      5.534 6.245 5.884 5.025 4.590 6.395 4.373 5.725 5.724        5.499   12.74
102)  2-chlorotoluene
      1.067 1.189 1.079 0.991 0.947 1.220 0.953 1.047 1.136        1.070    9.17
103)  4-chlorotoluene
      1.003 1.151 1.109 0.935 0.909 1.169 0.920 1.037 1.095        1.036    9.68
104)  1,3,5-trimethylbenzene
      3.942 4.474 4.002 3.534 3.277 4.580 3.171 3.985 3.921        3.876   12.44
105)  tert-butylbenzene
      3.215 3.706 3.351 2.998 2.847 3.546 2.793 3.260 3.424        3.238    9.59
106)  1,2,4-trimethylbenzene
      3.899 4.444 4.246 3.506 3.297 4.381 3.177 3.960 3.957        3.874   11.86
107)  sec-butylbenzene
      4.750 4.878 5.060 4.413 4.093 5.224 3.947 4.888 4.937 5.101  4.729    9.19
108)  1,3-dichlorobenzene
      1.876 1.817 1.997 1.802 1.759 2.136 1.736 1.969 1.911        1.889    6.82
109)  p-isopropyltoluene
      3.703 4.124 3.782 3.354 3.070 4.185 2.960 3.773 3.811        3.640   11.78
110)  1,4-dichlorobenzene
      1.600 2.064 1.702 1.598 1.559 1.981 1.579 1.705 1.652        1.716   10.65
111)  1,2,3-trimethylbenzene
      3.494 4.093 3.771 3.204 2.985 4.095 2.873 3.606 3.553        3.519   12.44
112)  1,2-dichlorobenzene
      1.648 1.705 1.861 1.622 1.559 2.122 1.557 1.766 1.721 1.897  1.746   10.03
113)  n-butylbenzene
```

Initial Calibration Summary

Job Number: JD65823 **Sample:** VL10779-ICC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355090.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

```
       1.755 2.019 1.827 1.788 1.696 1.910 1.734 1.866 1.772        1.819    5.50
114)  1,2-dibromo-3-chloropropane
       0.285       0.320 0.353 0.350 0.381 0.378 0.333 0.320        0.340    9.50
115)  1,3,5-trichlorobenzene
       1.154 1.071 1.124 1.181 1.185 1.225 1.225 1.222 1.134        1.169    4.55
116)  1,2,4-trichlorobenzene
       0.874 0.945 0.834 1.014 1.017 0.963 1.091 0.981 0.844        0.951    9.10
117)  hexachlorobutadiene
       0.443 0.453 0.446 0.434 0.425 0.415 0.460 0.439 0.451        0.441    3.22
118)  naphthalene
       2.486 2.378 2.432 2.846 2.788 2.303 2.870 2.738 2.153 3.058  2.605   11.26
119)  1,2,3-trichlorobenzene
       0.726 0.802 0.741 0.864 0.874 0.828 0.931 0.865 0.698        0.814    9.63
120)  hexachloroethane
       0.691 0.674 0.739 0.682 0.675 0.705 0.705 0.711 0.725        0.701    3.18
121)  benzyl chloride
       2.610 3.157 2.705 2.584 2.490 2.959 2.520 2.761 2.647        2.715    8.01
122)  2-methylnaphthalene
       0.323             0.949 1.091       1.323 0.673             0.872   44.37
             ----- Linear regression -----  Coefficient =  0.9902
               Response Ratio = -0.09898 + 1.28750 *A


123)     pentafluorobenzene(a) ----------------ISTD---------------------
124)  Freon 143A
                                                                     0.000   -1.00
125)  Freon 142B
       0.845       0.887 0.917 0.896 0.803       0.990 0.905        0.892    6.56
126)  Freon 141B
                                                                     0.000   -1.00
127)  Allyl chloride
       1.418       1.299 1.238 1.181 1.446       1.332 1.420        1.334    7.55

128)     1,4-dichlorobenzene-d ----------------ISTD---------------------
129)  indane
                                                                     0.000   -1.00

 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           ML10779.M         Mon May 08 11:27:47 2023
```

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355095.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\VL10779\L355095.D Vial: 14
Acq On : 29 Apr 2023 10:47 pm Operator: PrashanS
Sample : ICV10779-50 Inst : GCMS-L
Misc : MS68466,VL10779,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\ML10779.M (RTE Integrator)
Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
Last Update : Mon May 01 11:59:52 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	90	0.00	2.99
2		1,4-dioxane	0.035	0.028	20.0	74	0.00	5.20
3		ethanol	0.080	0.072	10.0	91	0.00	2.42
4	M	tertiary butyl alcohol	1.701	1.803	-6.0	99	0.00	3.05
5	I	pentafluorobenzene	1.000	1.000	0.0	98	0.00	4.20
6		chlorodifluoromethane		----------NA----------				
7		dichlorodifluoromethane	1.009	1.076	-6.6	97	0.00	1.60
8		chloromethane	1.101	1.307	-18.7	115	0.00	1.75
9		vinyl chloride	0.855	1.022	-19.5	114	0.00	1.83
10		1,3-butadiene	0.936	0.910	2.8	101	0.00	1.86
11		bromomethane	0.329	0.401	-21.9	119	0.00	2.08
12		chloroethane	0.439	0.502	-14.4	116	0.00	2.16
13		trichlorofluoromethane	0.900	1.072	-19.1	114	0.00	2.34
14		ethyl ether	0.397	0.428	-7.8	103	0.00	2.52
15		acrolein	0.197	0.223	-13.2	113	0.00	2.62
16		freon 113	0.482	0.492	-2.1	101	0.00	2.69
17		1,1-dichloroethene	0.466	0.544	-16.7	116	0.00	2.70
18		acetone	0.101	0.101	0.0	106	0.00	2.70
19		acetonitrile	0.059	0.069	-16.9	119	0.00	2.90
20		iodomethane	0.504	0.588	-16.7	98	0.00	2.81
21		iso-butyl alcohol	0.038	0.036	5.3	95	0.00	4.35
22		carbon disulfide	1.954	1.871	4.2	101	0.00	2.87
23		methylene chloride	0.575	0.592	-3.0	108	0.00	3.02
24		methyl acetate	0.143	0.159	-11.2	109	0.00	2.91
25		methyl tert butyl ether	1.863	1.862	0.1	102	0.00	3.18
26		trans-1,2-dichloroethene	0.537	0.555	-3.4	110	0.00	3.20
27		hexane	1.393	1.381	0.9	103	0.00	3.38
28		di-isopropyl ether	2.794	2.631	5.8	103	0.00	3.49
29		ethyl tert-butyl ether	2.355	2.314	1.7	103	0.00	3.73
30		2-butanone	0.100	0.106	-6.0	106	0.00	3.85
31	M	1,1-dichloroethane	1.207	1.207	0.0	109	0.00	3.50
32		chloroprene	1.248	1.214	2.7	102	0.00	3.55
33		acrylonitrile	0.409	0.415	-1.5	100	0.00	3.17
34		vinyl acetate	0.137	0.119	13.1	87	0.00	3.47
35		ethyl acetate	0.175	0.170	2.9	98	0.00	3.86
36		2,2-dichloropropane	0.892	0.850	4.7	106	0.00	3.89
37		cis-1,2-dichloroethene	0.578	0.571	1.2	103	0.00	3.88
38		propionitrile	0.132	0.117	11.4	99	0.00	3.90
39		methyl acrylate	0.110	0.111	-0.9	99	0.00	3.91
40		bromochloromethane	0.262	0.261	0.4	105	0.00	4.04
41		tetrahydrofuran	0.116	0.108	6.9	97	0.00	4.06

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355095.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform	1.044	1.009	3.4	104	0.00	4.10
43	S	dibromofluoromethane (s)	0.412	0.427	-3.6	99	0.00	4.21
44		methacrylonitrile	0.343	0.351	-2.3	104	0.00	4.01
45		1,1,1-trichloroethane	0.796	0.861	-8.2	108	0.00	4.24
46		cyclohexane	0.874	0.928	-6.2	109	0.00	4.30
47		1,1-dichloropropene	0.775	0.799	-3.1	107	0.00	4.34
48		carbon tetrachloride	0.703	0.705	-0.3	105	0.00	4.35
49		isopropyl acetate	0.162	0.166	-2.5	102	0.00	4.46
50		tert amyl alcohol	0.036	0.035	2.8	94	0.00	4.44
51	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00	4.77
52	S	1,2-dichloroethane-d4 (s)	0.353	0.338	4.2	97	0.00	4.46
53		tert-amyl methyl ether	1.264	1.128	10.8	101	0.00	4.55
54		2,2,4-trimethylpentane	1.629	1.490	8.5	104	0.00	4.55
55		n-butyl alcohol	0.012	0.011	8.3	94	0.00	4.82
56	M	benzene	1.588	1.519	4.3	107	0.00	4.49
57		heptane	0.383	0.371	3.1	99	0.00	4.66
58		1,2-dichloroethane	0.587	0.535	8.9	104	0.00	4.52
59		trichloroethene	0.420	0.413	1.7	105	0.00	4.96
60		ethyl acrylate	0.865	0.838	3.1	103	0.00	4.98
61		2-nitropropane	0.209	0.195	6.7	103	0.00	5.50
62		2-chloroethyl vinyl ether	0.202	0.171	15.3	82	0.00	5.54
63		methyl methacrylate	0.129	0.144	-11.6	117	0.00	5.16
64		1,2-dichloropropane	0.508	0.441	13.2	96	0.00	5.15
65		methylcyclohexane	0.766	0.693	9.5	97	0.00	5.15
66		dibromomethane	0.248	0.222	10.5	101	0.00	5.22
67		bromodichloromethane	0.589	0.539	8.5	100	0.00	5.34
68		cis-1,3-dichloropropene	0.756	0.705	6.7	98	0.00	5.68
69		epichlorohydrin	0.067	0.062	7.5	100	0.00	5.59
70		4-methyl-2-pentanone	0.279	0.258	7.5	101	0.00	5.78
71		3-methyl-1-butanol	0.012	0.011	8.3	94	0.00	5.80
72	I	chlorobenzene-d5	1.000	1.000	0.0	96	0.00	7.15
73	S	toluene-d8 (s)	1.323	1.252	5.4	96	0.00	5.91
74		toluene	1.105	1.056	4.4	102	0.00	5.96
75		trans-1,3-dichloropropene	0.785	0.703	10.4	96	0.00	6.13
76		ethyl methacrylate	0.718	0.592	17.5	89	0.00	6.15
77		1,1,2-trichloroethane	0.390	0.354	9.2	99	0.00	6.30
78		2-hexanone	0.324	0.280	13.6	99	0.00	6.47
79		tetrachloroethene	0.461	0.675	-46.4#	153	0.00	6.40
80		1,3-dichloropropane	0.763	0.695	8.9	101	0.00	6.45
81		butyl acetate	0.518	0.513	1.0	103	0.00	6.55
82		dibromochloromethane	0.468	0.425	9.2	99	0.00	6.63
83		1,2-dibromoethane	0.462	0.438	5.2	101	0.00	6.75
84		n-butyl ether	2.318	2.343	-1.1	104	0.00	7.22
85		chlorobenzene	1.153	1.119	2.9	101	0.00	7.18
86		1,1,1,2-tetrachloroethane	0.400	0.367	8.3	104	0.00	7.25
87		ethylbenzene	1.948	1.796	7.8	101	0.00	7.25
88		m,p-xylene	0.792	0.725	8.5	101	0.00	7.37
89		o-xylene	0.811	0.734	9.5	101	0.00	7.72
90		butyl acrylate	1.359	1.347	0.9	104	0.00	7.64
91		styrene	1.272	1.002	21.2	86	0.00	7.74
92		bromoform	0.345	0.319	7.5	99	0.00	7.91
93		isopropylbenzene	2.019	1.894	6.2	102	0.00	8.06
94		cis-1,4-dichloro-2-butene	0.225	0.217	3.6	97	0.00	8.11
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	97	0.00	9.34
96	S	4-bromofluorobenzene (s)	1.168	1.183	-1.3	98	0.00	8.23
97		bromobenzene	1.089	1.075	1.3	100	0.00	8.37
98		1,1,2,2-tetrachloroethane	1.585	1.466	7.5	97	0.00	8.34

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355095.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	trans-1,4-dichloro-2-bute	0.509	0.533	-4.7	106	0.00	8.38
100	1,2,3-trichloropropane	0.424	0.409	3.5	103	0.00	8.41
101	n-propylbenzene	5.499	5.163	6.1	100	0.00	8.45
102	2-chlorotoluene	1.070	1.007	5.9	99	0.00	8.55
103	4-chlorotoluene	1.036	0.977	5.7	101	0.00	8.66
104	1,3,5-trimethylbenzene	3.876	3.639	6.1	100	0.00	8.62
105	tert-butylbenzene	3.238	3.173	2.0	103	0.00	8.93
106	1,2,4-trimethylbenzene	3.874	3.564	8.0	99	0.00	8.98
107	sec-butylbenzene	4.729	4.597	2.8	101	0.00	9.14
108	1,3-dichlorobenzene	1.889	1.856	1.7	100	0.00	9.27
109	p-isopropyltoluene	3.640	3.413	6.2	99	0.00	9.29
110	1,4-dichlorobenzene	1.716	1.719	-0.2	104	0.00	9.37
111	1,2,3-trimethylbenzene		----------NA----------				
112	1,2-dichlorobenzene	1.746	1.666	4.6	100	0.00	9.72
113	n-butylbenzene	1.819	1.840	-1.2	100	0.00	9.69
114	1,2-dibromo-3-chloropropa	0.340	0.354	-4.1	97	0.00	10.48
115	1,3,5-trichlorobenzene	1.169	1.321	-13.0	108	0.00	10.67
116	1,2,4-trichlorobenzene	0.951	1.039	-9.3	99	0.00	11.29
117	hexachlorobutadiene	0.441	0.458	-3.9	102	0.00	11.44
118	naphthalene	2.605	2.886	-10.8	98	0.00	11.56
119	1,2,3-trichlorobenzene	0.814	0.897	-10.2	101	0.00	11.78
120	hexachloroethane	0.701	0.724	-3.3	103	0.00	9.98
121	benzyl chloride	2.715	2.707	0.3	102	0.00	9.47
	----------	True	Calc.	% Drift	----------		
122	2-methylnaphthalene	25.000	24.195	3.2	107	0.00	12.69
	----------	AvgRF	CCRF	% Dev	----------		
123	pentafluorobenzene(a)	1.000	1.000	0.0	98	0.00	4.20
124	Freon 143A		----------NA----------				
125	Freon 142B		----------NA----------				
126	Freon 141B		----------NA----------				
127	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	97	0.00	9.34
128	indane		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L355090.D ML10779.M Mon May 01 12:03:56 2023

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355096.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\VL10779\L355096.D Vial: 15
Acq On : 29 Apr 2023 11:10 pm Operator: PrashanS
Sample : ICV10779-50 Inst : GCMS-L
Misc : MS68466,VL10779,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\ML10779.M (RTE Integrator)
Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
Last Update : Mon May 01 11:59:52 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	108	0.00	2.99
2		1,4-dioxane		----------NA----------				
3		ethanol		----------NA----------				
4	M	tertiary butyl alcohol		----------NA----------				
5	I	pentafluorobenzene	1.000	1.000	0.0	113	0.00	4.20
6		chlorodifluoromethane	1.342	1.381	-2.9	117	0.00	1.61
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	0.059	0.063	-6.8	126	0.00	2.89
20		iodomethane		----------NA----------				
21		iso-butyl alcohol		----------NA----------				
22		carbon disulfide		----------NA----------				
23		methylene chloride		----------NA----------				
24		methyl acetate		----------NA----------				
25		methyl tert butyl ether		----------NA----------				
26		trans-1,2-dichloroethene		----------NA----------				
27		hexane		----------NA----------				
28		di-isopropyl ether		----------NA----------				
29		ethyl tert-butyl ether		----------NA----------				
30		2-butanone		----------NA----------				
31	M	1,1-dichloroethane		----------NA----------				
32		chloroprene		----------NA----------				
33		acrylonitrile	0.409	0.404	1.2	112	0.00	3.17
34		vinyl acetate		----------NA----------				
35		ethyl acetate		----------NA----------				
36		2,2-dichloropropane		----------NA----------				
37		cis-1,2-dichloroethene		----------NA----------				
38		propionitrile		----------NA----------				
39		methyl acrylate		----------NA----------				
40		bromochloromethane		----------NA----------				
41		tetrahydrofuran		----------NA----------				

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355096.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform		----------NA----------					
43	S	dibromofluoromethane (s)	0.412	0.420	-1.9	113	0.00	4.21	
44		methacrylonitrile		----------NA----------					
45		1,1,1-trichloroethane		----------NA----------					
46		cyclohexane		----------NA----------					
47		1,1-dichloropropene		----------NA----------					
48		carbon tetrachloride		----------NA----------					
49		isopropyl acetate		----------NA----------					
50		tert amyl alcohol		----------NA----------					
51	I	1,4-difluorobenzene	1.000	1.000	0.0	111	0.00	4.76	
52	S	1,2-dichloroethane-d4 (s)	0.353	0.367	-4.0	119	0.00	4.46	
53		tert-amyl methyl ether		----------NA----------					
54		2,2,4-trimethylpentane		----------NA----------					
55		n-butyl alcohol		----------NA----------					
56	M	benzene		----------NA----------					
57		heptane		----------NA----------					
58		1,2-dichloroethane		----------NA----------					
59		trichloroethene		----------NA----------					
60		ethyl acrylate		----------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		cis-1,3-dichloropropene		----------NA----------					
69		epichlorohydrin		----------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	7.15	
73	S	toluene-d8 (s)	1.323	1.375	-3.9	110	0.00	5.91	
74		toluene		----------NA----------					
75		trans-1,3-dichloropropene		----------NA----------					
76		ethyl methacrylate		----------NA----------					
77		1,1,2-trichloroethane		----------NA----------					
78		2-hexanone		----------NA----------					
79		tetrachloroethene	0.461	0.460	0.2	109	0.00	6.40	
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		butyl acrylate		----------NA----------					
91		styrene		----------NA----------					
92		bromoform		----------NA----------					
93		isopropylbenzene		----------NA----------					
94		cis-1,4-dichloro-2-butene		----------NA----------					
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	107	0.00	9.34	
96	S	4-bromofluorobenzene (s)	1.168	1.161	0.6	107	0.00	8.23	
97		bromobenzene		----------NA----------					
98		1,1,2,2-tetrachloroethane		----------NA----------					

Initial Calibration Verification

Job Number: JD65823 **Sample:** VL10779-ICV10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355096.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

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	1,2,3-trimethylbenzene	3.519	3.565	-1.3	119	0.00	9.38
112	1,2-dichlorobenzene		----------NA----------				
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----------				
	----------	True	Calc.	% Drift	----------		
122	2-methylnaphthalene		----------NA----------				
	----------	AvgRF	CCRF	% Dev	----------		
123	pentafluorobenzene(a)	1.000	1.000	0.0	113	0.00	4.20
124	Freon 143A		----------NA----------				
125	Freon 142B		----------NA----------				
126	Freon 141B		----------NA----------				
127	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	107	0.00	9.34
128	indane		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L355090.D ML10779.M Mon May 01 12:07:40 2023

Continuing Calibration Summary

Job Number: JD65823 **Sample:** VL10808-CC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355919.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Evaluate Continuing Calibration Report

Data File : X:\Dayton VOA GCMS\l...-23\vl10808\L355919.d Vial: 2
Acq On : 22 May 2023 9:07 am Operator: louied
Sample : cc10779-20 Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\ML10779.M (RTE Integrator)
Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
Last Update : Mon May 08 10:50:35 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	118	0.00	3.00
2		1,4-dioxane	0.035	0.035	0.0	99	0.00	5.20
3		ethanol	0.080	0.071	11.3	98	0.00	2.43
4	M	tertiary butyl alcohol	1.701	1.567	7.9	107	0.00	3.05
5	I	pentafluorobenzene	1.000	1.000	0.0	93	0.00	4.20
6		chlorodifluoromethane	1.342	1.017	24.2#	68	0.00	1.61
7		dichlorodifluoromethane	1.009	1.026	-1.7	88	0.00	1.60
8		chloromethane	1.101	1.002	9.0	81	0.00	1.75
9		vinyl chloride	0.855	0.943	-10.3	97	0.00	1.83
10		1,3-butadiene	0.936	0.813	13.1	77	0.00	1.86
11		bromomethane	0.329	0.321	2.4	93	0.00	2.09
12		chloroethane	0.439	0.473	-7.7	99	0.00	2.16
13		trichlorofluoromethane	0.900	0.953	-5.9	93	0.00	2.34
14		ethyl ether	0.397	0.395	0.5	92	0.00	2.52
15		acrolein	0.197	0.217	-10.2	101	0.00	2.62
16		freon 113	0.482	0.451	6.4	86	0.00	2.69
17		1,1-dichloroethene	0.466	0.447	4.1	84	0.00	2.70
18		acetone	0.101	0.111	-9.9	103	0.00	2.71
19		acetonitrile	0.059	0.061	-3.4	98	0.00	2.90
20		iodomethane	0.504	0.348	31.0#	63	0.00	2.81
21		iso-butyl alcohol	0.038	0.041	-7.9	91	0.00	4.35
22		carbon disulfide	1.954	1.769	9.5	86	0.00	2.87
23		methylene chloride	0.575	0.561	2.4	92	0.00	3.02
24		methyl acetate	0.143	0.167	-16.8	108	0.00	2.92
25		methyl tert butyl ether	1.863	1.886	-1.2	91	0.00	3.19
26		trans-1,2-dichloroethene	0.537	0.512	4.7	91	0.00	3.21
27		hexane	1.393	1.117	19.8	76	0.00	3.38
28		di-isopropyl ether	2.794	2.336	16.4	76	0.00	3.49
29		ethyl tert-butyl ether	2.355	2.163	8.2	83	0.00	3.73
30		2-butanone	0.100	0.120	-20.0	110	0.00	3.86
31	M	1,1-dichloroethane	1.207	1.077	10.8	82	0.00	3.50
32		chloroprene	1.248	1.010	19.1	75	0.00	3.55
33		acrylonitrile	0.409	0.388	5.1	85	0.00	3.17
34		vinyl acetate	0.137	0.162	-18.2	100	0.00	3.47
35		ethyl acetate	0.175	0.161	8.0	80	0.00	3.86
36		2,2-dichloropropane	0.892	0.819	8.2	88	0.00	3.89
37		cis-1,2-dichloroethene	0.578	0.572	1.0	92	0.00	3.88
38		propionitrile	0.132	0.127	3.8	89	0.00	3.90
39		methyl acrylate	0.110	0.122	-10.9	101	0.00	3.91
40		bromochloromethane	0.262	0.254	3.1	91	0.00	4.04
41		tetrahydrofuran	0.116	0.130	-12.1	102	0.00	4.05

Continuing Calibration Summary

Job Number: JD65823 **Sample:** VL10808-CC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355919.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

42		chloroform	1.044	0.993	4.9	92	0.00	4.10
43	S	dibromofluoromethane (s)	0.412	0.435	-5.6	100	0.00	4.21
44		methacrylonitrile	0.343	0.356	-3.8	97	0.00	4.01
45		1,1,1-trichloroethane	0.796	0.757	4.9	88	0.00	4.24
46		cyclohexane	0.874	0.858	1.8	89	0.00	4.30
47		1,1-dichloropropene	0.775	0.719	7.2	85	0.00	4.35
48		carbon tetrachloride	0.703	0.620	11.8	82	0.00	4.35
49		isopropyl acetate	0.162	0.173	-6.8	98	0.00	4.47
50		tert amyl alcohol	0.036	0.038	-5.6	93	0.00	4.44
51	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00	4.77
52	S	1,2-dichloroethane-d4 (s)	0.353	0.360	-2.0	102	0.00	4.46
53		tert-amyl methyl ether	1.264	1.175	7.0	92	0.00	4.56
54		2,2,4-trimethylpentane	1.629	1.202	26.2#	74	0.00	4.56
55		n-butyl alcohol	0.012	0.013	-8.3	100	0.00	4.83
56	M	benzene	1.588	1.435	9.6	88	0.00	4.49
57		heptane	0.383	0.281	26.6#	74	0.00	4.67
58		1,2-dichloroethane	0.587	0.509	13.3	85	0.00	4.52
59		trichloroethene	0.420	0.374	11.0	86	0.00	4.96
60		ethyl acrylate	0.865	0.747	13.6	82	0.00	4.98
61		2-nitropropane	0.209	0.182	12.9	87	0.00	5.50
62		2-chloroethyl vinyl ether	0.202	0.193	4.5	86	0.00	5.54
63		methyl methacrylate	0.129	0.127	1.6	92	0.00	5.16
64		1,2-dichloropropane	0.508	0.440	13.4	85	0.00	5.16
65		methylcyclohexane	0.766	0.669	12.7	85	0.00	5.15
66		dibromomethane	0.248	0.229	7.7	93	0.00	5.23
67		bromodichloromethane	0.589	0.522	11.4	90	0.00	5.34
68		cis-1,3-dichloropropene	0.756	0.690	8.7	88	0.00	5.68
69		epichlorohydrin	0.067	0.060	10.4	86	0.00	5.59
70		4-methyl-2-pentanone	0.279	0.263	5.7	90	0.00	5.78
71		3-methyl-1-butanol	0.012	0.014	-16.7	106	0.00	5.80
72	I	chlorobenzene-d5	1.000	1.000	0.0	98	0.00	7.15
73	S	toluene-d8 (s)	1.323	1.339	-1.2	102	0.00	5.91
74		toluene	1.105	1.000	9.5	87	0.00	5.96
75		trans-1,3-dichloropropene	0.785	0.701	10.7	89	0.00	6.14
76		ethyl methacrylate	0.718	0.671	6.5	90	0.00	6.15
77		1,1,2-trichloroethane	0.390	0.360	7.7	93	0.00	6.31
78		2-hexanone	0.324	0.292	9.9	91	0.00	6.47
79		tetrachloroethene	0.461	0.393	14.8	83	0.00	6.40
80		1,3-dichloropropane	0.763	0.703	7.9	90	0.00	6.45
81		butyl acetate	0.518	0.461	11.0	85	0.00	6.55
82		dibromochloromethane	0.468	0.410	12.4	88	0.00	6.64
83		1,2-dibromoethane	0.462	0.416	10.0	91	0.00	6.75
84		n-butyl ether	2.318	1.979	14.6	78	0.00	7.22
85		chlorobenzene	1.153	1.032	10.5	87	0.00	7.18
86		1,1,1,2-tetrachloroethane	0.400	0.351	12.3	88	0.00	7.25
87		ethylbenzene	1.948	1.783	8.5	87	0.00	7.25
88		m,p-xylene	0.792	0.701	11.5	88	0.00	7.37
89		o-xylene	0.811	0.716	11.7	89	0.00	7.72
90		butyl acrylate	1.359	1.118	17.7	81	0.00	7.65
91		styrene	1.272	1.144	10.1	87	0.00	7.74
92		bromoform	0.345	0.298	13.6	88	0.00	7.91
93		isopropylbenzene	2.019	1.742	13.7	84	0.00	8.06
94		cis-1,4-dichloro-2-butene	0.225	0.211	6.2	90	0.00	8.11
95	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	96	0.00	9.34
96	S	4-bromofluorobenzene (s)	1.168	1.251	-7.1	103	0.00	8.23
97		bromobenzene	1.089	0.999	8.3	86	0.00	8.37
98		1,1,2,2-tetrachloroethane	1.585	1.610	-1.6	99	0.00	8.34

Continuing Calibration Summary

Job Number: JD65823 **Sample:** VL10808-CC10779
Account: FLSNYNY Fleming-Lee Shue, Inc. **Lab FileID:** L355919.D
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

99	trans-1,4-dichloro-2-bute	0.509	0.431	15.3	77	0.00	8.38
100	1,2,3-trichloropropane	0.424	0.422	0.5	91	0.00	8.41
101	n-propylbenzene	5.499	5.062	7.9	85	0.00	8.45
102	2-chlorotoluene	1.070	0.955	10.7	88	0.00	8.55
103	4-chlorotoluene	1.036	0.983	5.1	91	0.00	8.66
104	1,3,5-trimethylbenzene	3.876	3.497	9.8	84	0.00	8.62
105	tert-butylbenzene	3.238	2.927	9.6	86	0.00	8.93
106	1,2,4-trimethylbenzene	3.874	3.578	7.6	87	0.00	8.98
107	sec-butylbenzene	4.729	4.359	7.8	86	0.00	9.14
108	1,3-dichlorobenzene	1.889	1.799	4.8	88	0.00	9.27
109	p-isopropyltoluene	3.640	3.360	7.7	86	0.00	9.29
110	1,4-dichlorobenzene	1.716	1.617	5.8	91	0.00	9.37
111	1,2,3-trimethylbenzene	3.519	3.220	8.5	86	0.00	9.38
112	1,2-dichlorobenzene	1.746	1.657	5.1	90	0.00	9.72
113	n-butylbenzene	1.819	1.710	6.0	88	0.00	9.69
114	1,2-dibromo-3-chloropropa	0.340	0.329	3.2	95	0.00	10.49
115	1,3,5-trichlorobenzene	1.169	1.163	0.5	92	0.00	10.67
116	1,2,4-trichlorobenzene	0.951	0.942	0.9	92	0.00	11.30
117	hexachlorobutadiene	0.441	0.397	10.0	87	0.00	11.44
118	naphthalene	2.605	2.760	-6.0	97	0.00	11.57
119	1,2,3-trichlorobenzene	0.814	0.815	-0.1	91	0.00	11.79
120	hexachloroethane	0.701	0.606	13.6	82	0.00	9.98
121	benzyl chloride	2.715	2.683	1.2	93	0.00	9.47
	----------	True	Calc.	% Drift	----------		
122	2-methylnaphthalene	10.000	9.263	7.4	100	0.00	12.70
	----------	AvgRF	CCRF	% Dev	----------		
123	pentafluorobenzene(a)	1.000	1.000	0.0	74	0.00	4.20
124	Freon 143A		----------NA----------				
125	Freon 142B		----------NA----------				
126	Freon 141B		----------NA----------				
127	Allyl chloride		----------NA----------				
128	1,4-dichlorobenzene-d4(a)	1.000	1.000	0.0	79	0.00	9.34
129	indane		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L355198a.D ML10779.M Tue May 23 10:02:41 2023

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: V1F156 **Method:** SW846 8260D **Instrument ID:** GCMS1F

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1F156-BFB	1F4665.D	04/29/23 20:51	n/a	BFB Tune
V1F156-IC156	1F4667.D	04/29/23 21:57	n/a	Initial cal 0.2
V1F156-IC156	1F4669.D	04/29/23 22:43	n/a	Initial cal 0.5
V1F156-IC156	1F4671.D	04/29/23 23:24	n/a	Initial cal 1
V1F156-IC156	1F4673.D	04/30/23 00:04	n/a	Initial cal 2
V1F156-IC156	1F4675.D	04/30/23 00:45	n/a	Initial cal 4
V1F156-IC156	1F4677.D	04/30/23 01:25	n/a	Initial cal 8
V1F156-IC156	1F4679.D	04/30/23 02:06	n/a	Initial cal 20
V1F156-ICC156	1F4681.D	04/30/23 02:47	n/a	Initial cal 50
V1F156-IC156	1F4683.D	04/30/23 03:27	n/a	Initial cal 100
V1F156-IC156	1F4685.D	04/30/23 04:08	n/a	Initial cal 200
V1F156-ICV156	1F4691.D	04/30/23 06:09	n/a	Initial cal verification 50
V1F156-ICV156	1F4693.D	04/30/23 06:50	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: V1F178 **Method:** SW846 8260D **Instrument ID:** GCMS1F

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1F178-CC156	1F5288.D	05/19/23 10:28	n/a	Continuing cal 20
V1F178-CC156	1F5290.D	05/19/23 11:12	n/a	Continuing cal 1
V1F178-BS	1F5291.D	05/19/23 11:38	n/a	Blank Spike
V1F178-MB	1F5293.D	05/19/23 12:28	n/a	Method Blank
ZZZZZZ	1F5294.D	05/19/23 12:54	n/a	(unrelated sample)
ZZZZZZ	1F5295.D	05/19/23 13:19	n/a	(unrelated sample)
ZZZZZZ	1F5296.D	05/19/23 13:45	n/a	(unrelated sample)
ZZZZZZ	1F5297.D	05/19/23 14:10	n/a	(unrelated sample)
ZZZZZZ	1F5298.D	05/19/23 14:35	n/a	(unrelated sample)
ZZZZZZ	1F5299.D	05/19/23 15:01	n/a	(unrelated sample)
ZZZZZZ	1F5300.D	05/19/23 15:26	n/a	(unrelated sample)
JD65823-2	1F5301.D	05/19/23 15:52	n/a	MW-1 DUP
JD65823-3	1F5302.D	05/19/23 16:17	n/a	MW-6
JD65823-1MS	1F5303.D	05/19/23 16:42	n/a	Matrix Spike
JD65823-1MSD	1F5304.D	05/19/23 17:08	n/a	Matrix Spike Duplicate
ZZZZZZ	1F5305.D	05/19/23 17:33	n/a	(unrelated sample)
ZZZZZZ	1F5306.D	05/19/23 17:59	n/a	(unrelated sample)
JD65823-11	1F5307.D	05/19/23 18:24	n/a	TB-1
JD65823-12	1F5308.D	05/19/23 18:50	n/a	FB-1
JD65823-1	1F5309.D	05/19/23 19:15	n/a	MW-1
ZZZZZZ	1F5310.D	05/19/23 19:40	n/a	(unrelated sample)
JD65823-4	1F5311.D	05/19/23 20:06	n/a	MW-7
JD65823-5	1F5312.D	05/19/23 20:31	n/a	MW-8

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: V2R111 **Method:** SW846 8260D **Instrument ID:** GCMS2R

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V2R111-BFB	2R03331.D	05/09/23 22:06	n/a	BFB Tune
V2R111-IC0111	2R03333.D	05/09/23 23:02	n/a	Initial cal 0.2
V2R111-IC0111	2R03335.D	05/09/23 23:39	n/a	Initial cal 0.5
V2R111-IC0111	2R03337.D	05/10/23 00:19	n/a	Initial cal 1
V2R111-IC0111	2R03339.D	05/10/23 00:59	n/a	Initial cal 2
V2R111-IC0111	2R03341.D	05/10/23 01:39	n/a	Initial cal 4
V2R111-IC0111	2R03343.D	05/10/23 02:20	n/a	Initial cal 8
V2R111-IC0111	2R03345.D	05/10/23 03:00	n/a	Initial cal 20
V2R111-ICC0111	2R03347.D	05/10/23 03:41	n/a	Initial cal 50
V2R111-IC0111	2R03349.D	05/10/23 04:21	n/a	Initial cal 100
V2R111-IC0111	2R03351.D	05/10/23 05:01	n/a	Initial cal 200
V2R111-ICV0111	2R03357.D	05/10/23 07:02	n/a	Initial cal verification 50
V2R111-ICV0111	2R03359.D	05/10/23 07:42	n/a	Initial cal verification 50
V2R111-BFB2	2R03363.D	05/11/23 15:39	n/a	BFB Tune
V2R111-ICV0111	2R03364.D	05/11/23 16:14	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: V2R115	**Method:** SW846 8260D	**Instrument ID:** GCMS2R

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V2R115-BFB	2R03442.D	05/15/23 17:34	n/a	BFB Tune
V2R115-IC115	2R03443.D	05/15/23 18:04	n/a	Initial cal 1
V2R115-IC115	2R03444.D	05/15/23 18:29	n/a	Initial cal 2
V2R115-IC115	2R03445.D	05/15/23 18:53	n/a	Initial cal 4
V2R115-IC115	2R03446.D	05/15/23 19:18	n/a	Initial cal 8
V2R115-IC115	2R03447.D	05/15/23 19:43	n/a	Initial cal 20
V2R115-ICC115	2R03448.D	05/15/23 20:08	n/a	Initial cal 50
V2R115-IC115	2R03449.D	05/15/23 20:33	n/a	Initial cal 100
V2R115-IC115	2R03450.D	05/15/23 20:58	n/a	Initial cal 200
V2R115-ICV115	2R03453.D	05/15/23 22:13	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: V2R125 **Method:** SW846 8260D **Instrument ID:** GCMS2R

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V2R125-CC111	2R03688.D	05/23/23 08:39	n/a	Continuing cal 20
V2R125-CC111	2R03689.D	05/23/23 09:13	n/a	Continuing cal 1
V2R125-CC115	2R03691.D	05/23/23 10:10	n/a	Continuing cal 20
V2R125-BS	2R03692.D	05/23/23 10:40	n/a	Blank Spike
V2R125-MB	2R03694.D	05/23/23 11:30	n/a	Method Blank
JD65823-6	2R03695.D	05/23/23 11:58	n/a	MW-9
JD65823-7	2R03696.D	05/23/23 12:23	n/a	BRMW-1
JD65823-10	2R03697.D	05/23/23 12:49	n/a	RW-1
ZZZZZZ	2R03698.D	05/23/23 13:14	n/a	(unrelated sample)
ZZZZZZ	2R03699.D	05/23/23 13:39	n/a	(unrelated sample)
JD65823-6MS	2R03700.D	05/23/23 14:04	n/a	Matrix Spike
JD65823-7DUP	2R03702.D	05/23/23 14:54	n/a	Duplicate
ZZZZZZ	2R03703.D	05/23/23 15:19	n/a	(unrelated sample)
ZZZZZZ	2R03704.D	05/23/23 15:44	n/a	(unrelated sample)
ZZZZZZ	2R03705.D	05/23/23 16:09	n/a	(unrelated sample)
ZZZZZZ	2R03706.D	05/23/23 16:34	n/a	(unrelated sample)
ZZZZZZ	2R03707.D	05/23/23 16:59	n/a	(unrelated sample)
ZZZZZZ	2R03708.D	05/23/23 17:25	n/a	(unrelated sample)
ZZZZZZ	2R03709.D	05/23/23 17:50	n/a	(unrelated sample)
ZZZZZZ	2R03710.D	05/23/23 18:15	n/a	(unrelated sample)
ZZZZZZ	2R03711.D	05/23/23 18:40	n/a	(unrelated sample)
ZZZZZZ	2R03712.D	05/23/23 19:05	n/a	(unrelated sample)
ZZZZZZ	2R03713.D	05/23/23 19:30	n/a	(unrelated sample)
ZZZZZZ	2R03714.D	05/23/23 19:55	n/a	(unrelated sample)
ZZZZZZ	2R03715.D	05/23/23 20:20	n/a	(unrelated sample)

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: VL10779 **Method:** SW846 8260D **Instrument ID:** GCMSL

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VL10779-BFB	L355082.D	04/29/23 17:41	n/a	BFB Tune
VL10779-IC10779	L355083.D	04/29/23 18:12	n/a	Initial cal 0.2
VL10779-IC10779	L355084.D	04/29/23 18:35	n/a	Initial cal 0.5
VL10779-IC10779	L355085.D	04/29/23 18:58	n/a	Initial cal 1
VL10779-IC10779	L355086.D	04/29/23 19:21	n/a	Initial cal 2
VL10779-IC10779	L355087.D	04/29/23 19:43	n/a	Initial cal 4
VL10779-IC10779	L355088.D	04/29/23 20:06	n/a	Initial cal 8
VL10779-IC10779	L355089.D	04/29/23 20:29	n/a	Initial cal 20
VL10779-ICC10779	L355090.D	04/29/23 20:52	n/a	Initial cal 50
VL10779-IC10779	L355091.D	04/29/23 21:15	n/a	Initial cal 100
VL10779-IC10779	L355092.D	04/29/23 21:38	n/a	Initial cal 200
VL10779-ICV10779	L355095.D	04/29/23 22:47	n/a	Initial cal verification 50
VL10779-ICV10779	L355096.D	04/29/23 23:10	n/a	Initial cal verification 50

Run Sequence Report

Job Number: JD65823
Account: FLSNYNY Fleming-Lee Shue, Inc.
Project: Info Tech High School, 21-16 44th Road, Long Island City, NY

Run ID: VL10808 **Method:** SW846 8260D **Instrument ID:** GCMSL

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VL10808-CC10779	L355919.D	05/22/23 09:07	n/a	Continuing cal 20
VL10808-BS	L355920.D	05/22/23 09:40	n/a	Blank Spike
VL10808-MB	L355922.D	05/22/23 10:27	n/a	Method Blank
ZZZZZZ	L355923.D	05/22/23 10:50	n/a	(unrelated sample)
ZZZZZZ	L355924.D	05/22/23 11:13	n/a	(unrelated sample)
ZZZZZZ	L355925.D	05/22/23 11:36	n/a	(unrelated sample)
ZZZZZZ	L355926.D	05/22/23 12:06	n/a	(unrelated sample)
JD65823-8	L355927.D	05/22/23 12:29	n/a	BRMW-2
ZZZZZZ	L355928.D	05/22/23 12:52	n/a	(unrelated sample)
ZZZZZZ	L355929.D	05/22/23 13:15	n/a	(unrelated sample)
JD65823-1	L355930.D	05/22/23 13:38	n/a	MW-1
JD65823-2	L355931.D	05/22/23 14:02	n/a	MW-1 DUP
JD65823-3	L355932.D	05/22/23 14:25	n/a	MW-6
JD65823-9	L355933.D	05/22/23 14:48	n/a	BRMW-3
JD65823-8MS	L355934.D	05/22/23 15:11	n/a	Matrix Spike
JD65823-8MSD	L355935.D	05/22/23 15:34	n/a	Matrix Spike Duplicate
JD65823-9	L355936.D	05/22/23 15:57	n/a	BRMW-3
ZZZZZZ	L355937.D	05/22/23 16:21	n/a	(unrelated sample)
ZZZZZZ	L355938.D	05/22/23 16:44	n/a	(unrelated sample)
ZZZZZZ	L355939.D	05/22/23 17:07	n/a	(unrelated sample)
ZZZZZZ	L355941.D	05/22/23 17:53	n/a	(unrelated sample)
ZZZZZZ	L355942.D	05/22/23 18:16	n/a	(unrelated sample)
ZZZZZZ	L355943.D	05/22/23 18:40	n/a	(unrelated sample)
ZZZZZZ	L355944.D	05/22/23 19:03	n/a	(unrelated sample)
ZZZZZZ	L355945.D	05/22/23 19:26	n/a	(unrelated sample)

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5309.d
Acq On : 19 May 2023 7:15 pm
Operator : nickw
Sample : jd65823-1 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 22 13:20:07 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

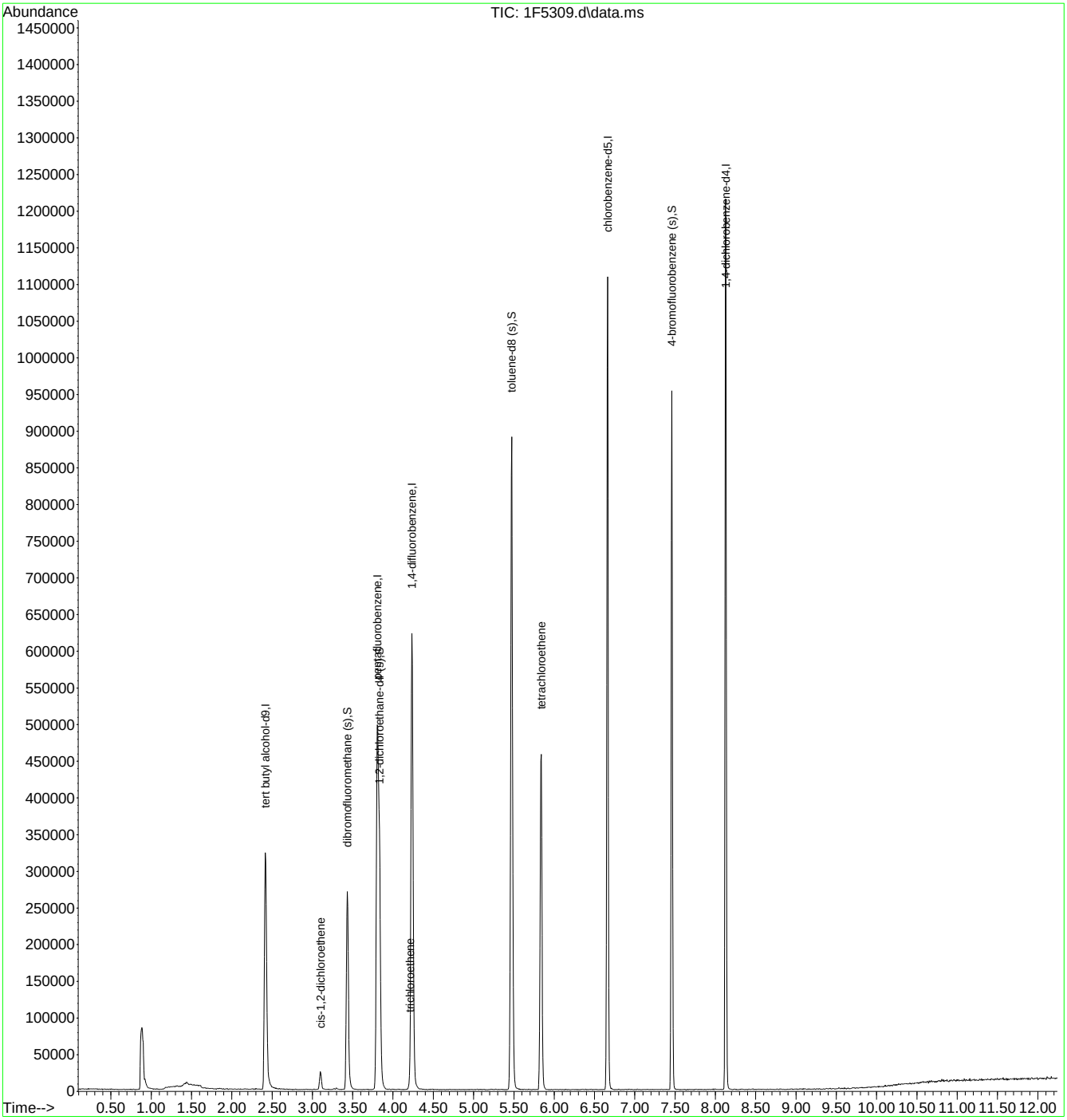
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.416	65	303664	500.00	ug/L	-0.02
5) pentafluorobenzene	3.805	168	329881	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	459844	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	411175	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	203405	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	145708	49.89	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.78%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	179975	55.24	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 110.48%			
73) toluene-d8 (s)	5.472	98	517554	49.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.14%			
96) 4-bromofluorobenzene (s)	7.459	95	193591	49.92	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.84%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	3.102	96	8213	3.4083	ug/L	89
60) trichloroethene	4.209	130	2124	0.7689	ug/L	87
78) tetrachloroethene	5.839	166	118583	41.8223	ug/L	99

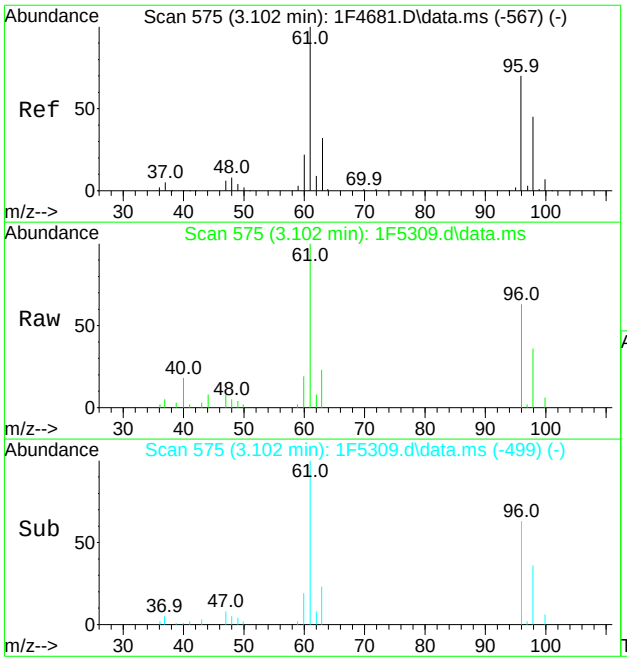
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5309.d
Acq On : 19 May 2023 7:15 pm
Operator : nickw
Sample : jd65823-1 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 22 13:20:07 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

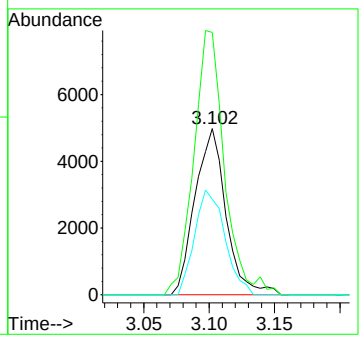


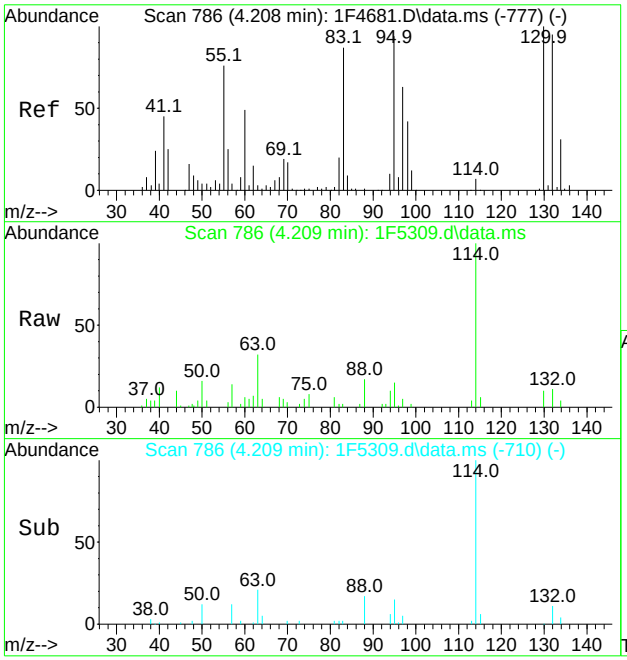


#36
cis-1,2-dichloroethene
Concen: 3.4083 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5309.d
Acq: 19 May 2023 7:15 pm

Tgt Ion: 96 Resp: 8213

Ion	Ratio	Lower	Upper
96	100		
61	157.9	113.8	173.8
98	57.5	34.7	94.7

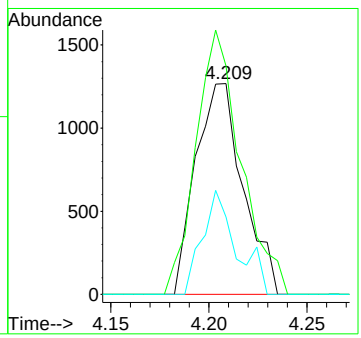


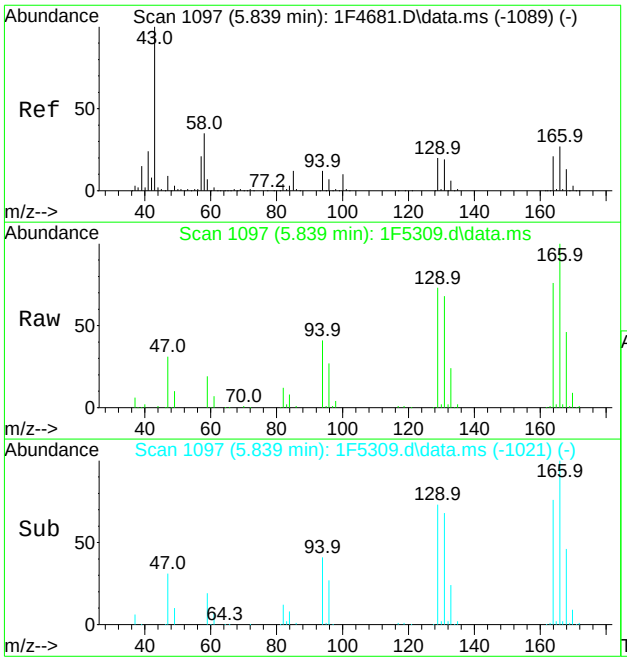


#60
trichloroethene
Concen: 0.7689 ug/L
RT: 4.209 min Scan# 786
Delta R.T. 0.001 min
Lab File: 1F5309.d
Acq: 19 May 2023 7:15 pm

Tgt Ion:130 Resp: 2124

Ion	Ratio	Lower	Upper
130	100		
132	108.4	65.1	125.1
134	36.7	0.7	60.7

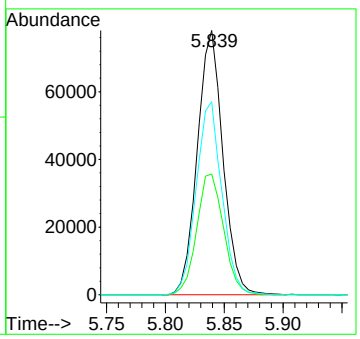




#78
tetrachloroethene
Concen: 41.8223 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5309.d
Acq: 19 May 2023 7:15 pm

Tgt Ion:166 Resp: 118583

Ion	Ratio	Lower	Upper
166	100		
168	45.7	17.4	77.4
129	73.1	42.9	102.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355930.d
Acq On : 22 May 2023 1:38 pm
Operator : louied
Sample : jd65823-1 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 23 10:36:06 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

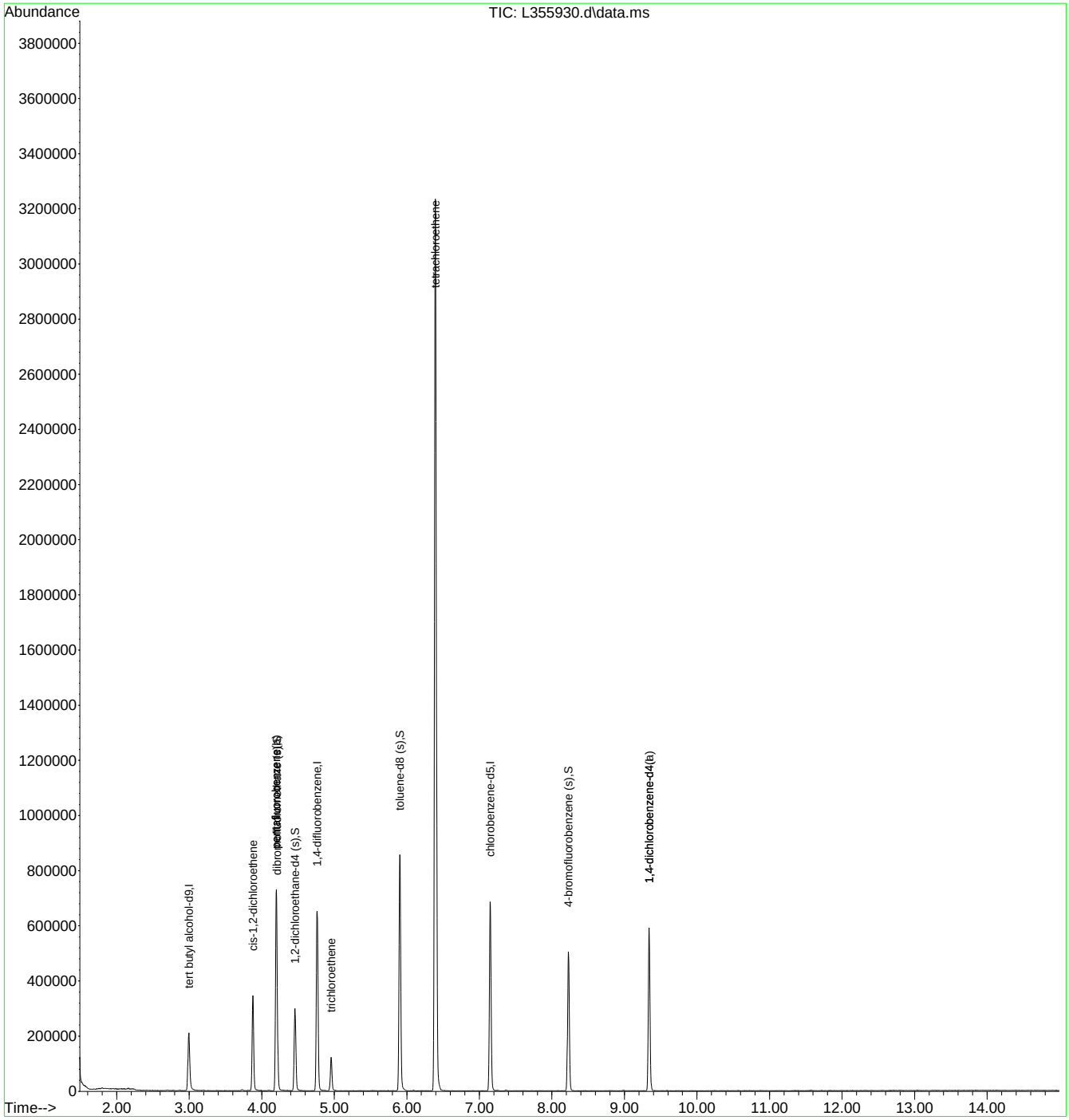
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.995	65	217877	500.00	ug/L	0.00
5) pentafluorobenzene	4.199	168	291655	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	434588	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	355406	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	153976	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.199	168	291655	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	153976	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	130619	54.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.66%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	164571	53.60	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 107.20%			
73) toluene-d8 (s)	5.903	98	533494	56.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.42%			
96) 4-bromofluorobenzene (s)	8.226	95	185300	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
37) cis-1,2-dichloroethene	3.878	96	119300	35.3910	ug/L	86
59) trichloroethene	4.956	95	35375	9.6905	ug/L	98
79) tetrachloroethene	6.394	166	956156	291.5869	ug/L	94

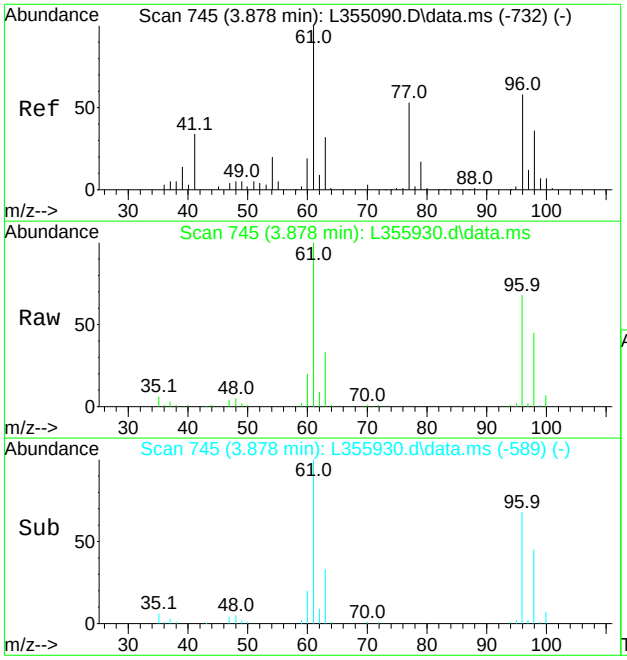
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355930.d
Acq On : 22 May 2023 1:38 pm
Operator : louied
Sample : jd65823-1 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 23 10:36:06 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

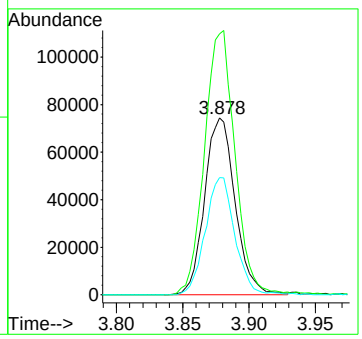


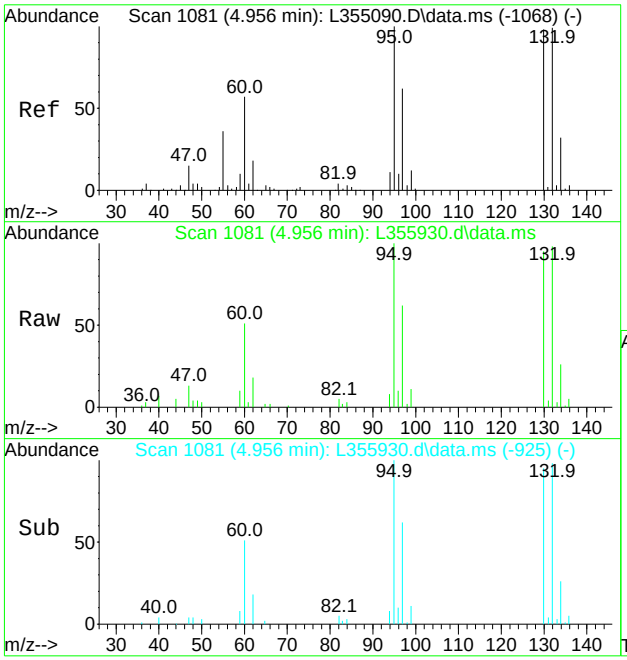


#37
cis-1,2-dichloroethene
Concen: 35.3910 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355930.d
Acq: 22 May 2023 1:38 pm

Tgt Ion: 96 Resp: 119300

Ion	Ratio	Lower	Upper
96	100		
61	147.5	141.8	201.8
98	66.2	32.2	92.2

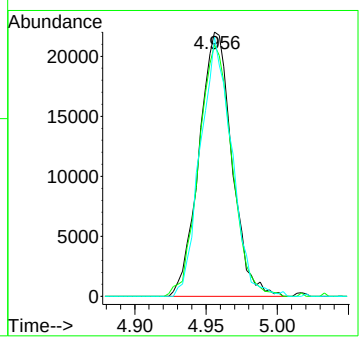


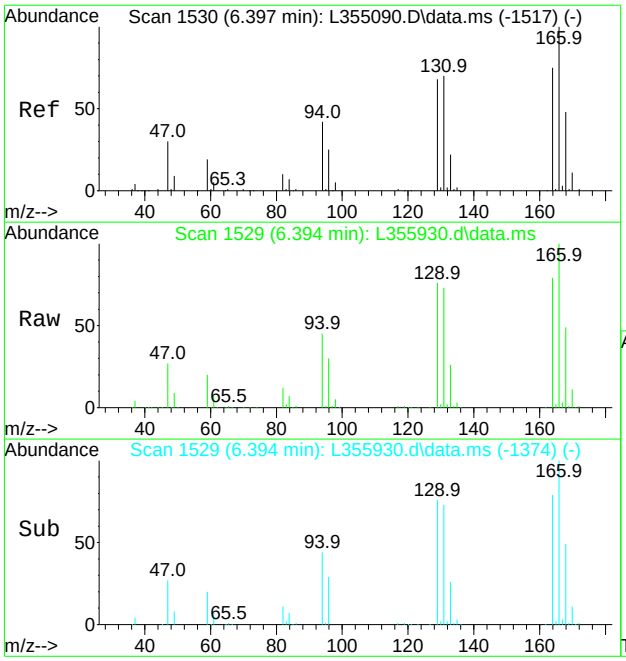


#59
trichloroethene
Concen: 9.6905 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. -0.000 min
Lab File: L355930.d
Acq: 22 May 2023 1:38 pm

Tgt Ion: 95 Resp: 35375

Ion	Ratio	Lower	Upper
95	100		
130	95.1	68.4	128.4
132	98.0	68.7	128.7

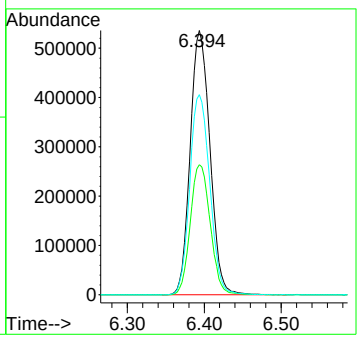




#79
tetrachloroethene
Concen: 291.5869 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355930.d
Acq: 22 May 2023 1:38 pm

Tgt Ion:166 Resp: 956156

Ion	Ratio	Lower	Upper
166	100		
168	49.2	18.3	78.3
129	75.7	38.5	98.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5301.d
Acq On : 19 May 2023 3:52 pm
Operator : nickw
Sample : jd65823-2 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 22 13:09:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

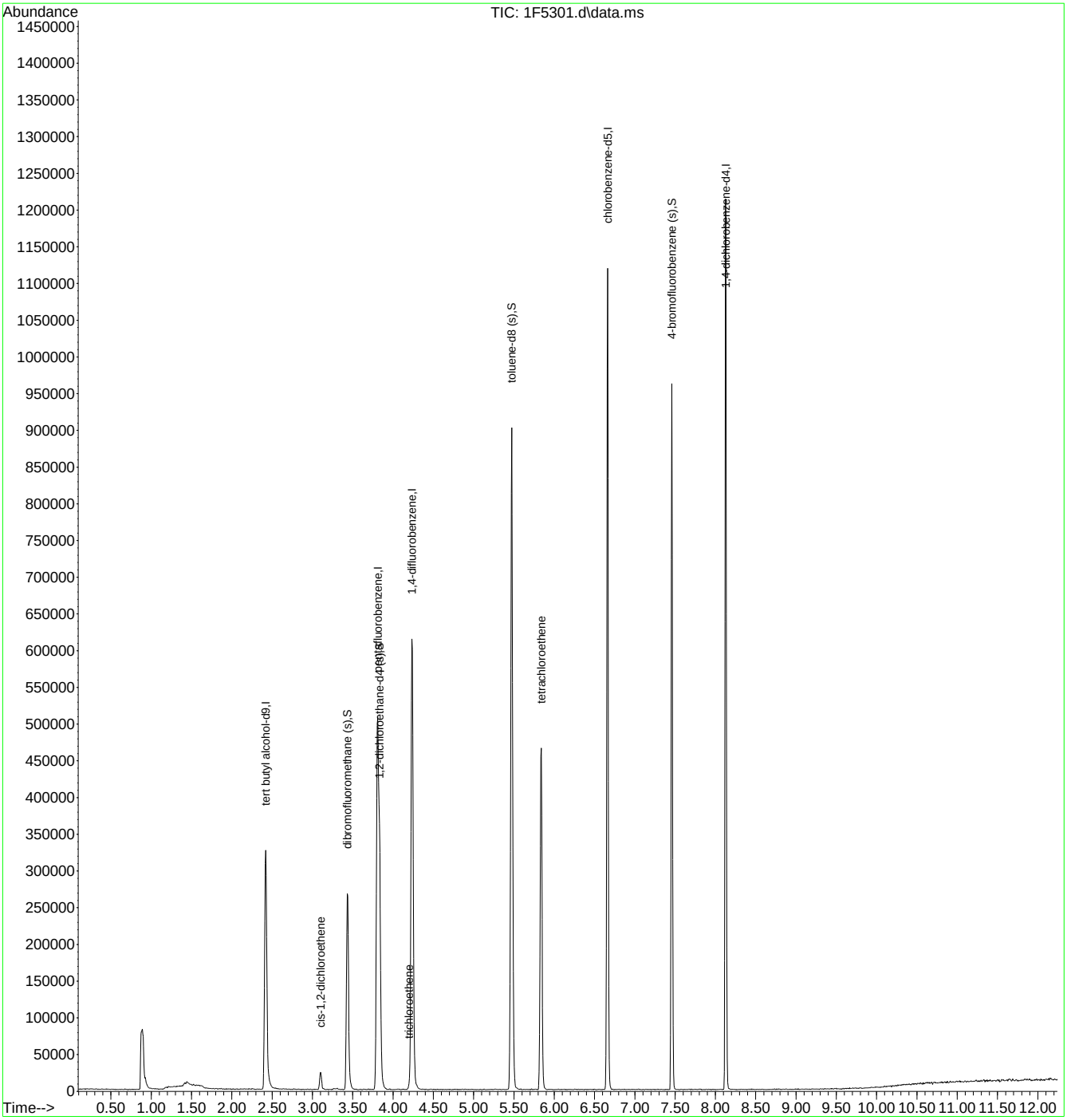
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.421	65	303846	500.00	ug/L	-0.01
5) pentafluorobenzene	3.810	168	329482	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	458971	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	410441	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	203968	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	146605	50.26	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.52%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	179167	55.10	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 110.20%			
73) toluene-d8 (s)	5.472	98	521230	49.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.02%			
96) 4-bromofluorobenzene (s)	7.459	95	193407	49.74	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.48%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	3.102	96	7687	3.1939	ug/L	82
60) trichloroethene	4.198	130	2519	0.9136	ug/L	78
78) tetrachloroethene	5.839	166	121142	42.8012	ug/L	96

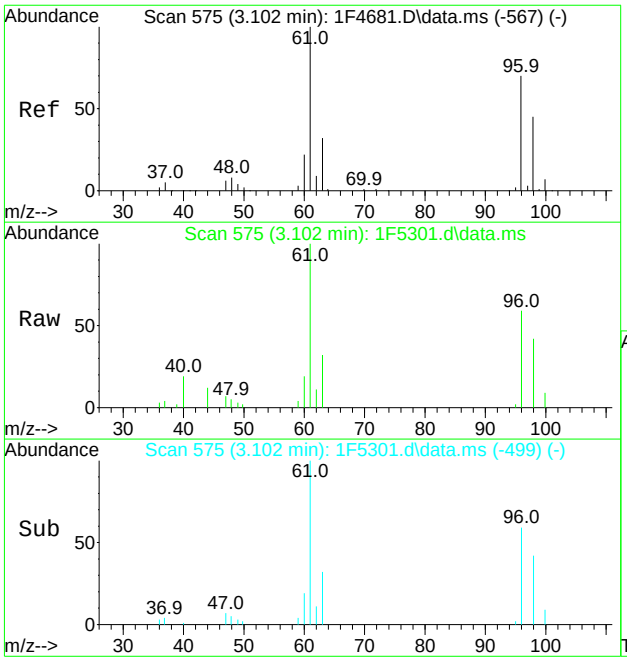
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5301.d
Acq On : 19 May 2023 3:52 pm
Operator : nickw
Sample : jd65823-2 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 22 13:09:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

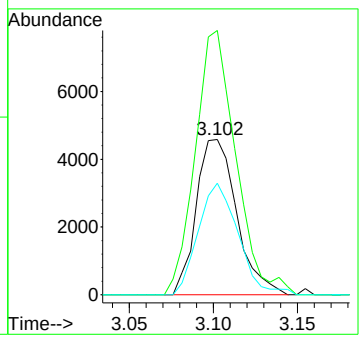


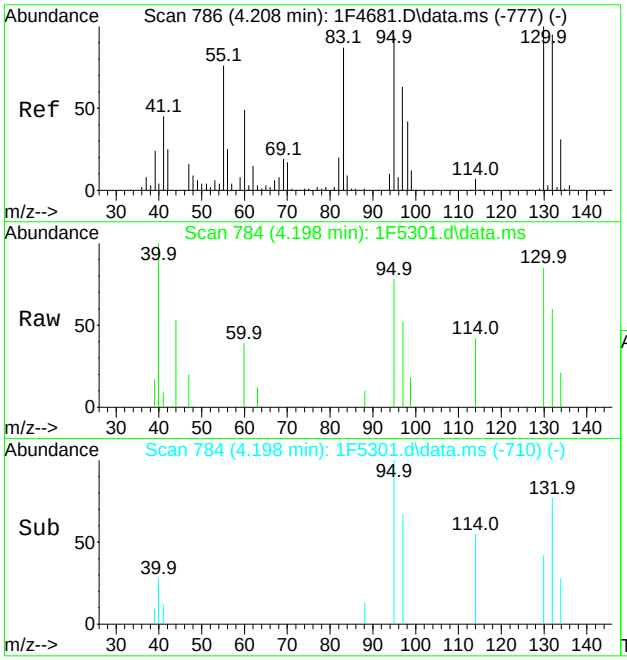


#36
cis-1,2-dichloroethene
Concen: 3.1939 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5301.d
Acq: 19 May 2023 3:52 pm

Tgt Ion: 96 Resp: 7687

Ion	Ratio	Lower	Upper
96	100		
61	170.3	113.8	173.8
98	71.8	34.7	94.7

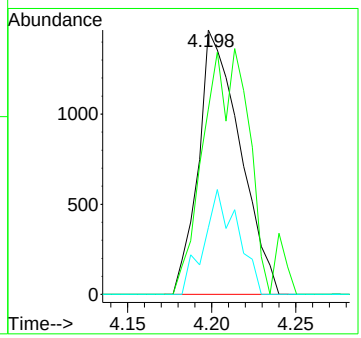


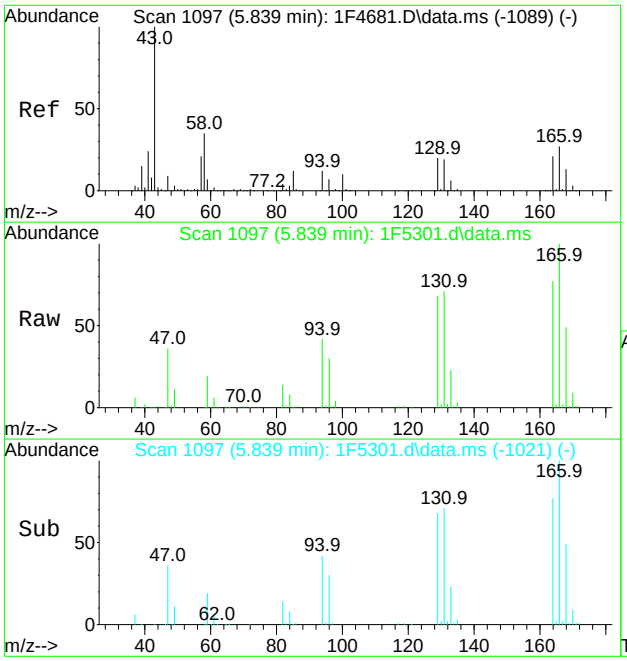


#60
trichloroethene
Concen: 0.9136 ug/L
RT: 4.198 min Scan# 784
Delta R.T. -0.010 min
Lab File: 1F5301.d
Acq: 19 May 2023 3:52 pm

Tgt Ion:130 Resp: 2519

Ion	Ratio	Lower	Upper
130	100		
132	70.1	65.1	125.1
134	25.2	0.7	60.7

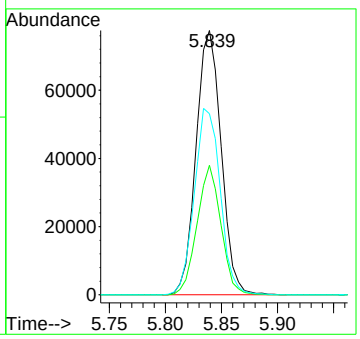




#78
tetrachloroethene
Concen: 42.8012 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5301.d
Acq: 19 May 2023 3:52 pm

Tgt Ion:166 Resp: 121142

Ion	Ratio	Lower	Upper
166	100		
168	48.9	17.4	77.4
129	68.5	42.9	102.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355931.d
Acq On : 22 May 2023 2:02 pm
Operator : louied
Sample : jd65823-2 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 10:36:53 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

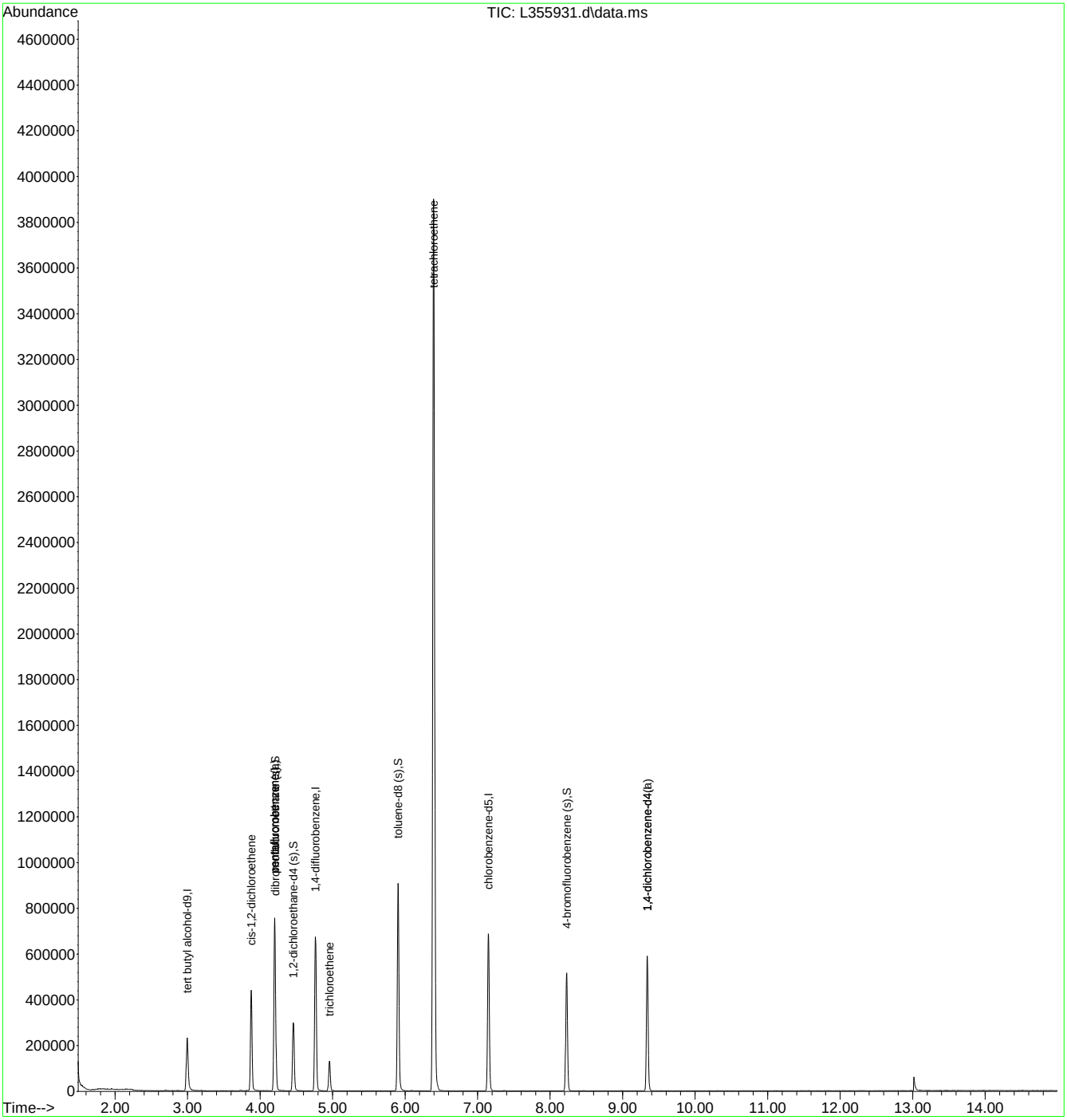
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.996	65	245071	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	298192	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.764	114	446702	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	372709	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.340	152	158057	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	298192	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.340	152	158057	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.209	113	135157	54.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.96%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	171379	54.30	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 108.60%			
73) toluene-d8 (s)	5.903	98	550716	55.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.66%			
96) 4-bromofluorobenzene (s)	8.229	95	193133	52.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.58%			
Target Compounds						Qvalue
37) cis-1,2-dichloroethene	3.878	96	154137	44.7232	ug/L	85
59) trichloroethene	4.956	95	40049	10.6733	ug/L	86
79) tetrachloroethene	6.394	166	1150934	334.6914	ug/L	92

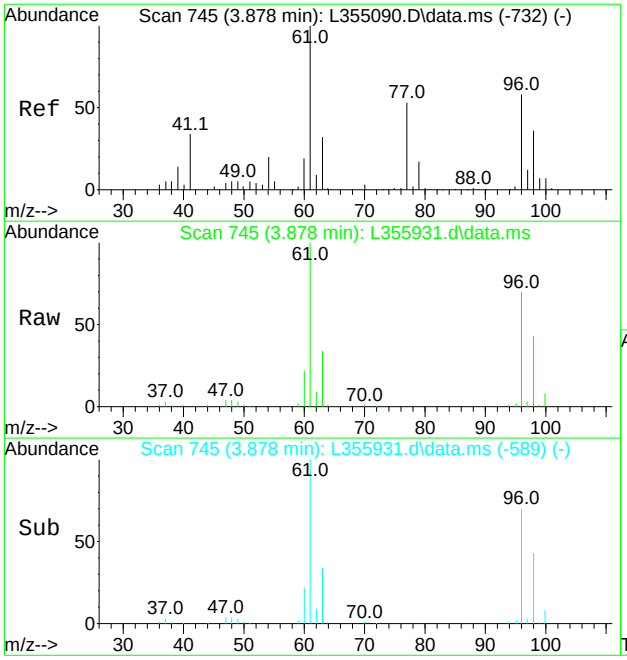
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355931.d
Acq On : 22 May 2023 2:02 pm
Operator : louied
Sample : jd65823-2 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 10:36:53 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

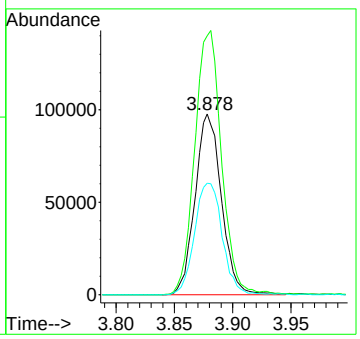


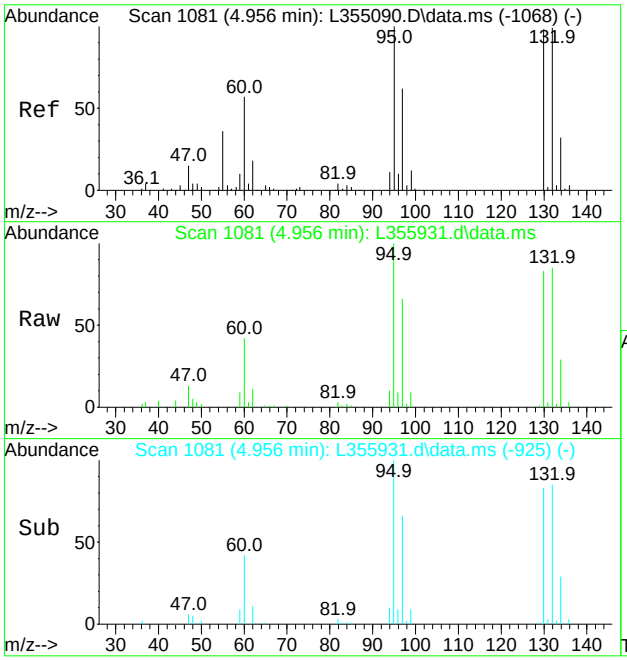


#37
cis-1,2-dichloroethene
Concen: 44.7232 ug/L
RT: 3.878 min Scan# 745
Delta R.T. 0.000 min
Lab File: L355931.d
Acq: 22 May 2023 2:02 pm

Tgt Ion: 96 Resp: 154137

Ion	Ratio	Lower	Upper
96	100		
61	143.2	141.8	201.8
98	61.7	32.2	92.2

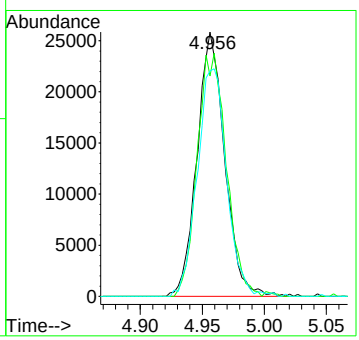


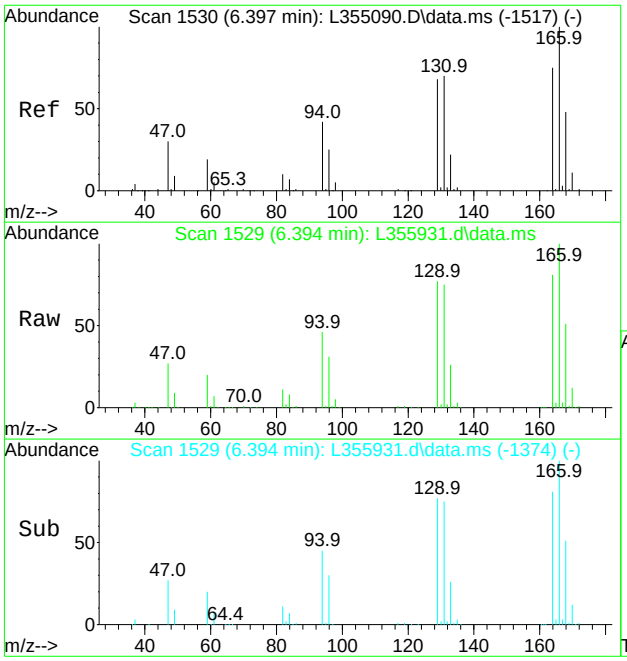


#59
trichloroethene
Concen: 10.6733 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355931.d
Acq: 22 May 2023 2:02 pm

Tgt Ion: 95 Resp: 40049

Ion	Ratio	Lower	Upper
95	100		
130	83.4	68.4	128.4
132	85.2	68.7	128.7

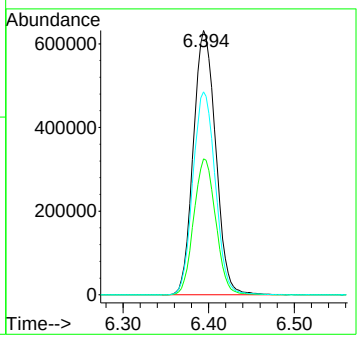




#79
tetrachloroethene
Concen: 334.6914 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355931.d
Acq: 22 May 2023 2:02 pm

Tgt Ion:166 Resp: 1150934

Ion	Ratio	Lower	Upper
166	100		
168	51.4	18.3	78.3
129	76.8	38.5	98.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5302.d
Acq On : 19 May 2023 4:17 pm
Operator : nickw
Sample : jd65823-3 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 13:10:05 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

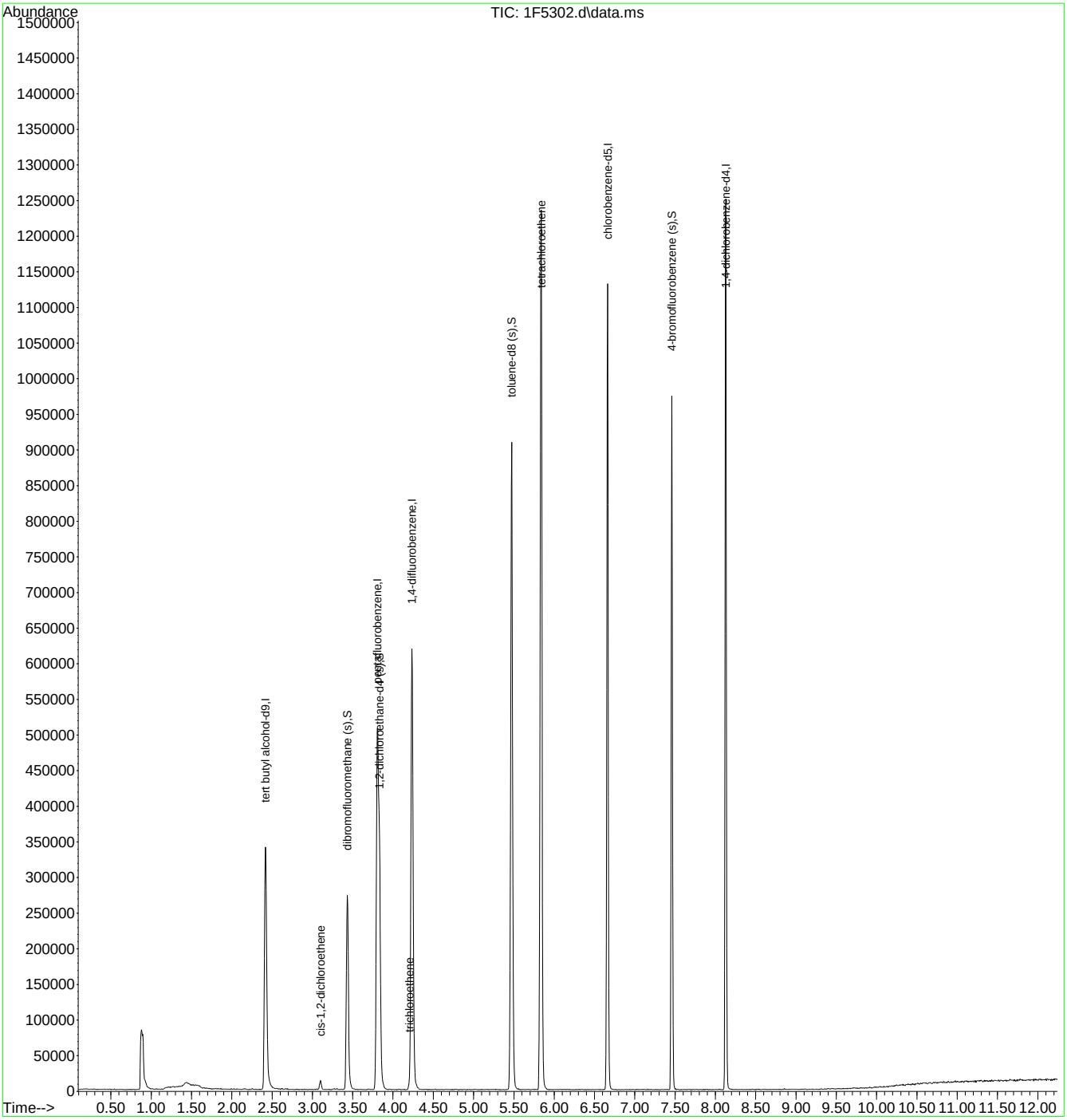
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.416	65	326232	500.00	ug/L	-0.02
5) pentafluorobenzene	3.805	168	329816	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	459646	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	417576	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	209755	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	149113	51.07	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 102.14%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	182827	56.14	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 112.28%			
73) toluene-d8 (s)	5.472	98	529352	49.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.84%			
96) 4-bromofluorobenzene (s)	7.459	95	195921	48.99	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 97.98%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	3.102	96	4063	1.6864	ug/L	95
60) trichloroethene	4.203	130	2466	0.8930	ug/L	85
78) tetrachloroethene	5.839	166	314639	109.2670	ug/L	98

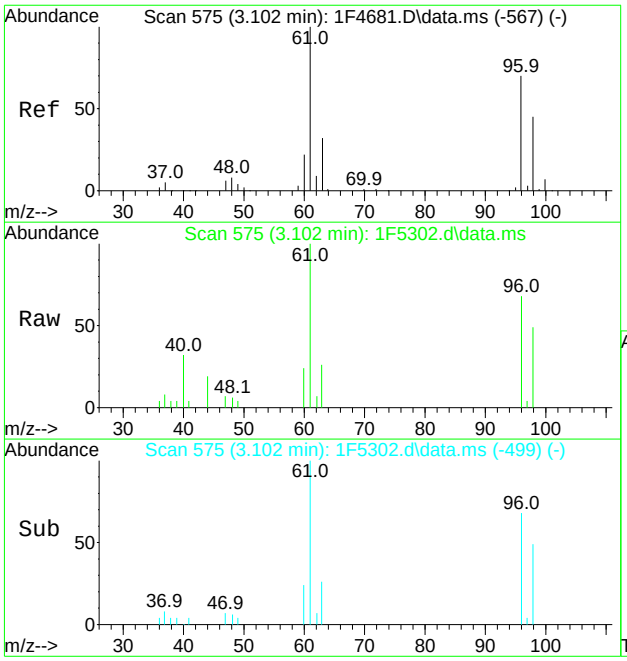
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5302.d
Acq On : 19 May 2023 4:17 pm
Operator : nickw
Sample : jd65823-3 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 13:10:05 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

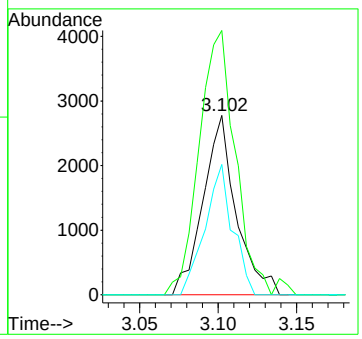


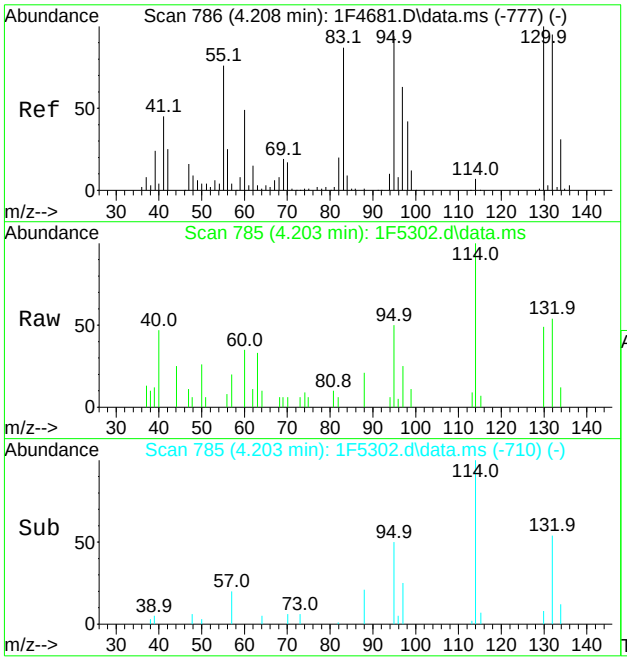


#36
cis-1,2-dichloroethene
Concen: 1.6864 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5302.d
Acq: 19 May 2023 4:17 pm

Tgt Ion: 96 Resp: 4063

Ion	Ratio	Lower	Upper
96	100		
61	147.3	113.8	173.8
98	72.6	34.7	94.7

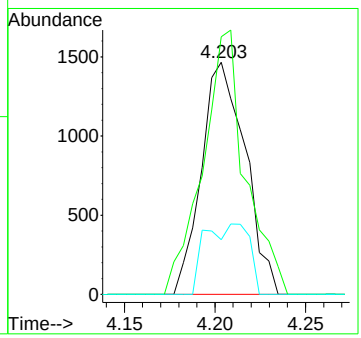


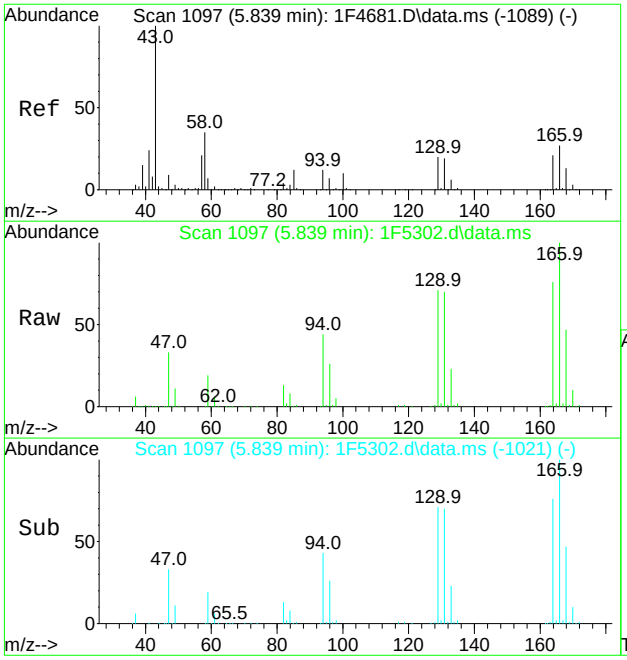


#60
trichloroethene
Concen: 0.8930 ug/L
RT: 4.203 min Scan# 785
Delta R.T. -0.005 min
Lab File: 1F5302.d
Acq: 19 May 2023 4:17 pm

Tgt Ion:130 Resp: 2466

Ion	Ratio	Lower	Upper
130	100		
132	110.9	65.1	125.1
134	23.5	0.7	60.7

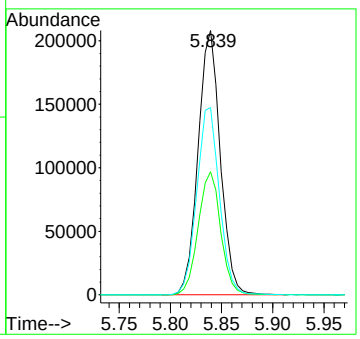




#78
tetrachloroethene
Concen: 109.2670 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5302.d
Acq: 19 May 2023 4:17 pm

Tgt Ion:166 Resp: 314639

Ion	Ratio	Lower	Upper
166	100		
168	46.6	17.4	77.4
129	70.8	42.9	102.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355932.d
Acq On : 22 May 2023 2:25 pm
Operator : louied
Sample : jd65823-3 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,2.5
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 23 10:37:41 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

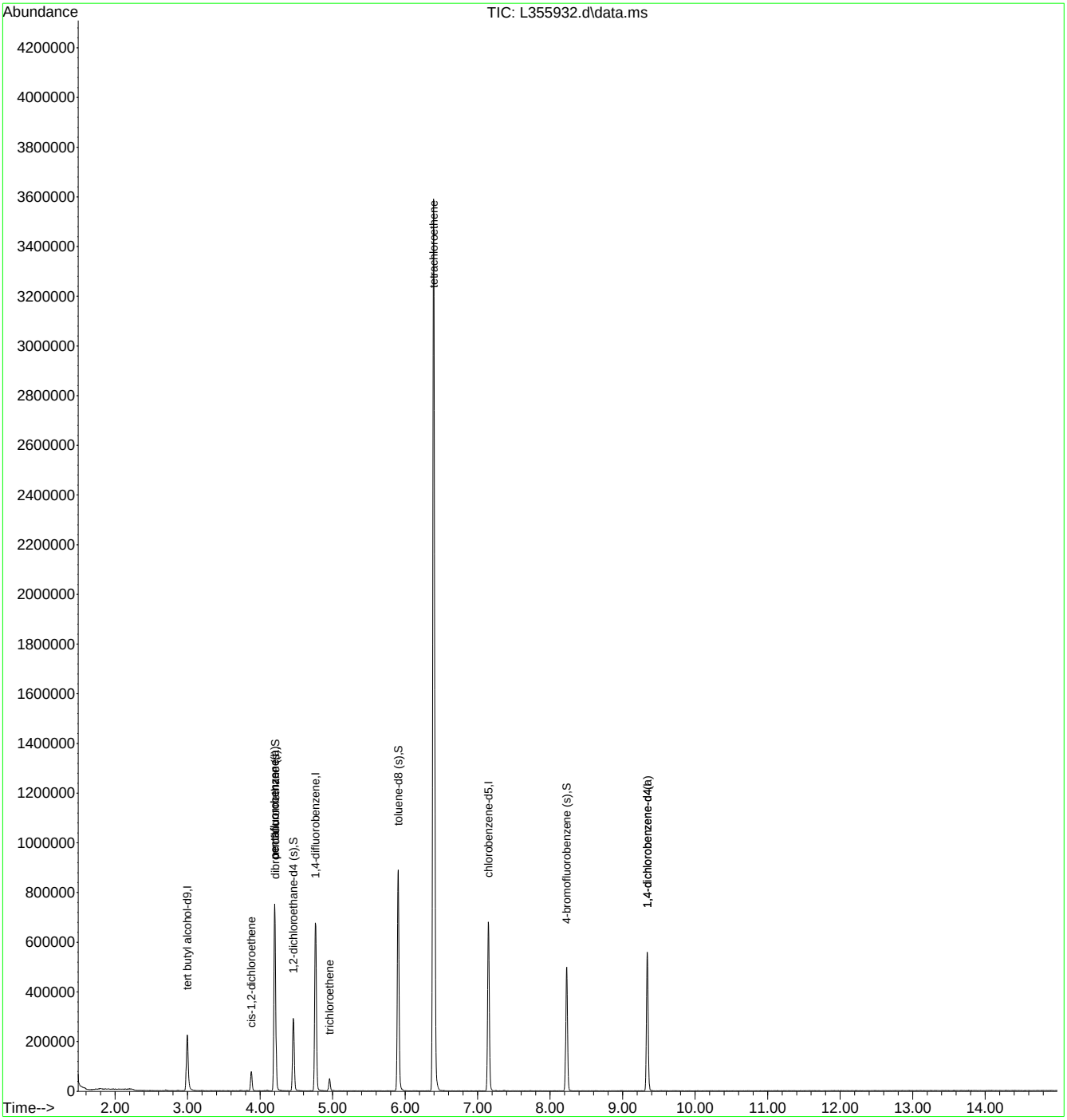
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.995	65	235069	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	300570	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	450634	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	363326	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	150341	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	300570	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	150341	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	134479	54.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.54%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	165720	52.05	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 104.10%			
73) toluene-d8 (s)	5.906	98	542336	56.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.80%			
96) 4-bromofluorobenzene (s)	8.226	95	183270	52.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.34%			
Target Compounds						Qvalue
37) cis-1,2-dichloroethene	3.878	96	27840	8.0139	ug/L	84
59) trichloroethene	4.956	95	14775	3.9033	ug/L	97
79) tetrachloroethene	6.394	166	1047952	312.6144	ug/L	93

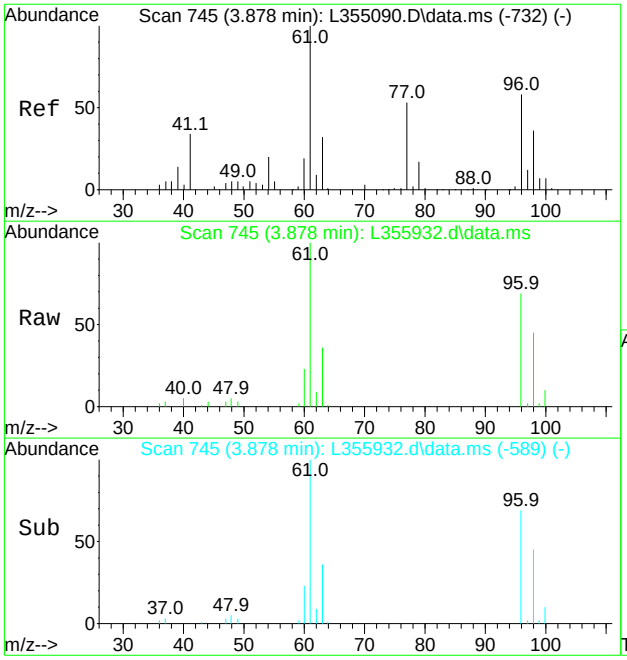
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355932.d
Acq On : 22 May 2023 2:25 pm
Operator : louied
Sample : jd65823-3 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,2.5
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 23 10:37:41 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

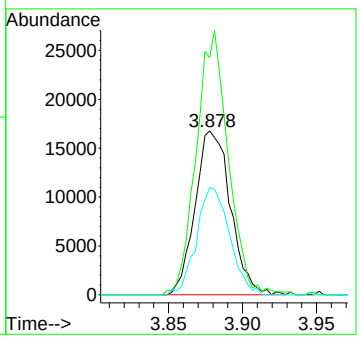


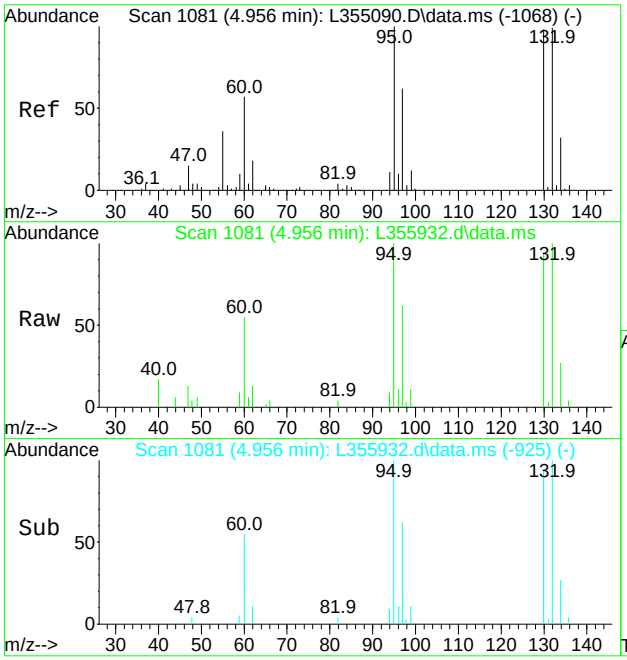


#37
cis-1,2-dichloroethene
Concen: 8.0139 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355932.d
Acq: 22 May 2023 2:25 pm

Tgt Ion: 96 Resp: 27840

Ion	Ratio	Lower	Upper
96	100		
61	144.7	141.8	201.8
98	65.3	32.2	92.2

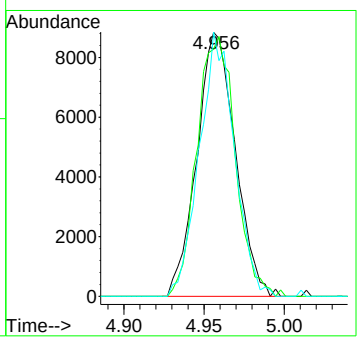


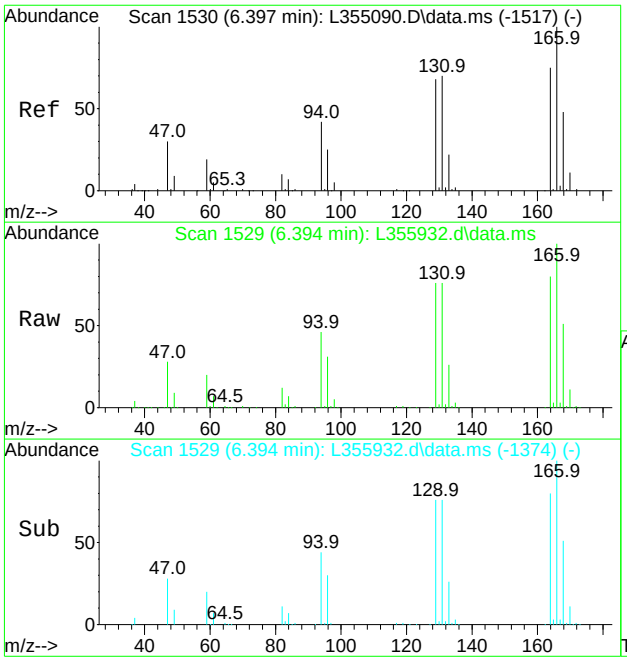


#59
trichloroethene
Concen: 3.9033 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355932.d
Acq: 22 May 2023 2:25 pm

Tgt Ion: 95 Resp: 14775

Ion	Ratio	Lower	Upper
95	100		
130	93.7	68.4	128.4
132	100.1	68.7	128.7

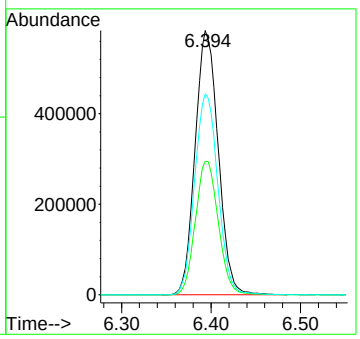




#79
tetrachloroethene
Concen: 312.6144 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355932.d
Acq: 22 May 2023 2:25 pm

Tgt Ion:166 Resp: 1047952

Ion	Ratio	Lower	Upper
166	100		
168	50.5	18.3	78.3
129	76.0	38.5	98.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5311.d
Acq On : 19 May 2023 8:06 pm
Operator : nickw
Sample : jd65823-4 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 22 13:24:29 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

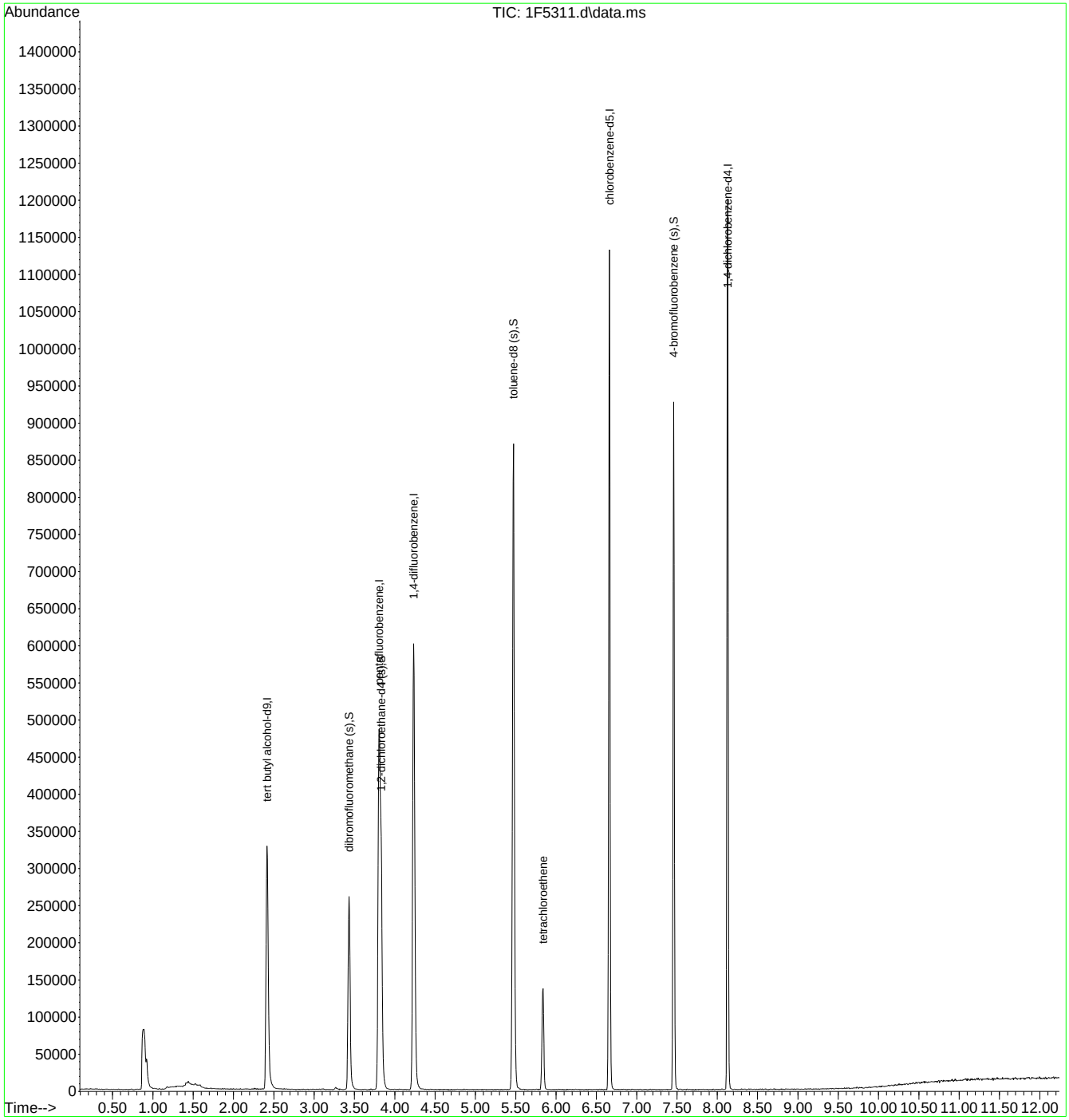
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.415	65	308405	500.00	ug/L	-0.02
5) pentafluorobenzene	3.805	168	323274	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	448924	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	402478	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	196087	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	142722	49.87	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.74%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	169870	53.41	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 106.82%			
73) toluene-d8 (s)	5.472	98	513184	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			
96) 4-bromofluorobenzene (s)	7.459	95	186188	49.80	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.60%			
Target Compounds						Qvalue
78) tetrachloroethene	5.839	166	35786	12.8939	ug/L	96

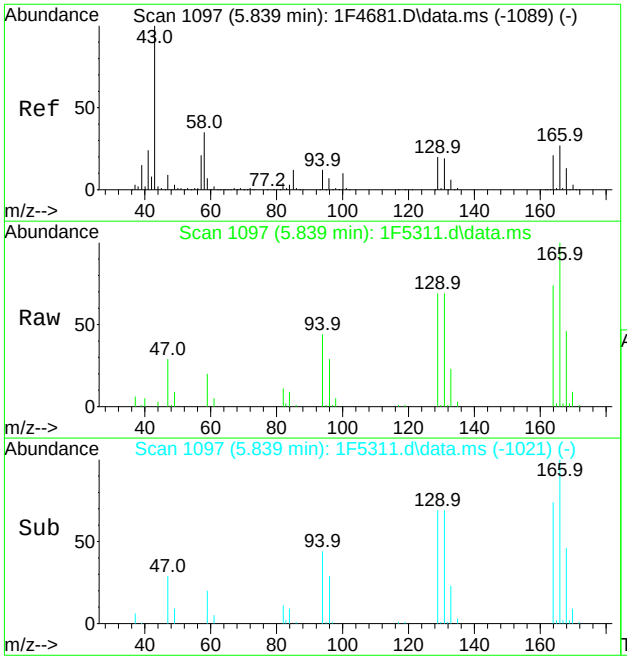
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5311.d
Acq On : 19 May 2023 8:06 pm
Operator : nickw
Sample : jd65823-4 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 22 13:24:29 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

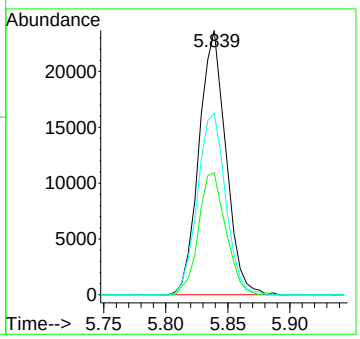




#78
tetrachloroethene
Concen: 12.8939 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5311.d
Acq: 19 May 2023 8:06 pm

Tgt Ion:166 Resp: 35786

Ion	Ratio	Lower	Upper
166	100		
168	46.1	17.4	77.4
129	68.6	42.9	102.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5312.d
Acq On : 19 May 2023 8:31 pm
Operator : nickw
Sample : jd65823-5 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 22 13:26:07 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

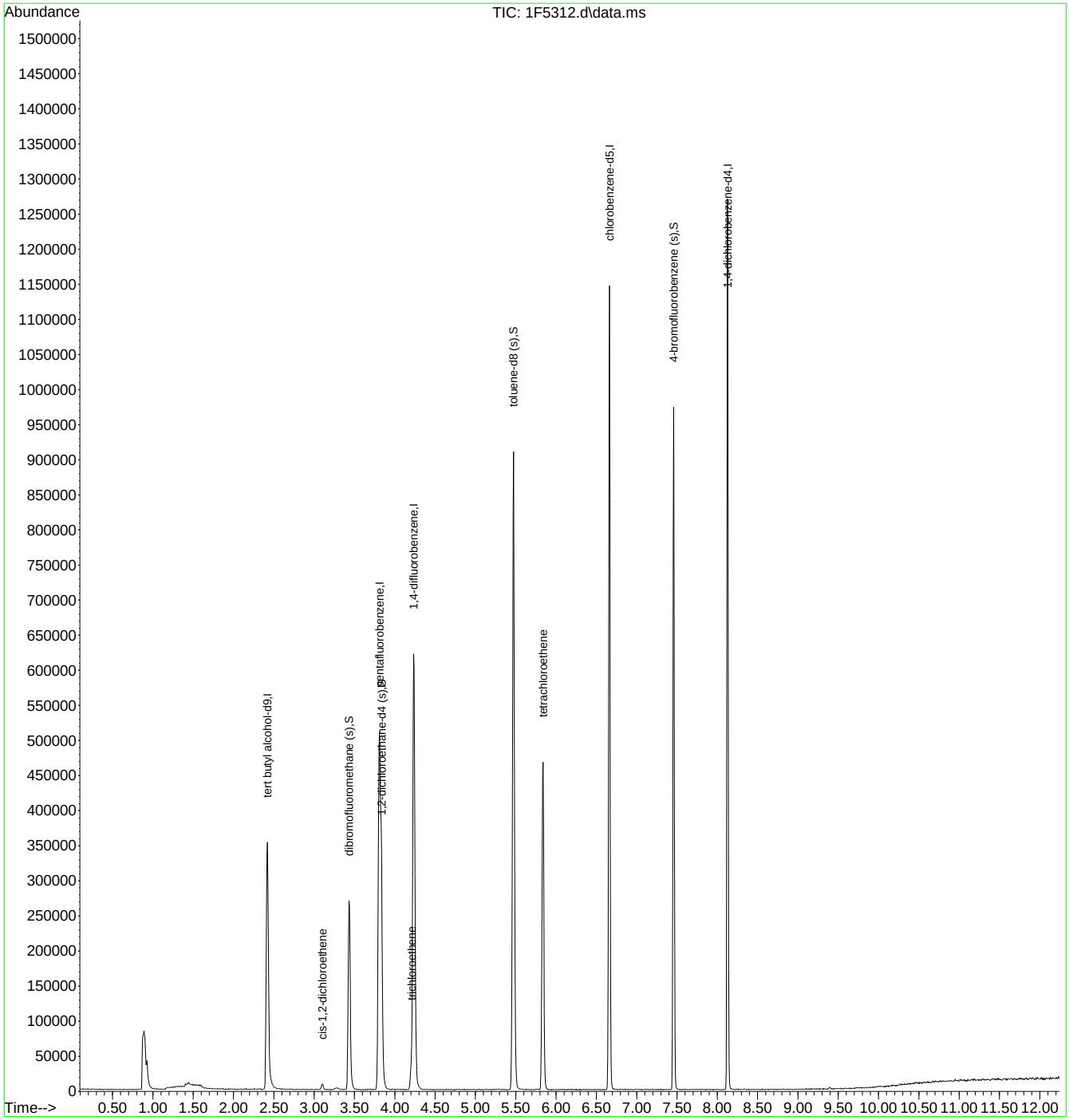
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.421	65	330661	500.00	ug/L	-0.01
5) pentafluorobenzene	3.810	168	331219	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	464853	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	420684	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	210530	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	146838	50.08	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.16%			
51) 1,2-dichloroethane-d4 (s)	3.836	65	183214	55.63	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 111.26%			
73) toluene-d8 (s)	5.472	98	529469	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.12%			
96) 4-bromofluorobenzene (s)	7.459	95	200193	49.88	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.76%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	3.102	96	2767	1.1436	ug/L #	79
60) trichloroethene	4.209	130	10844	3.8831	ug/L	96
78) tetrachloroethene	5.839	166	122221	42.1310	ug/L	97

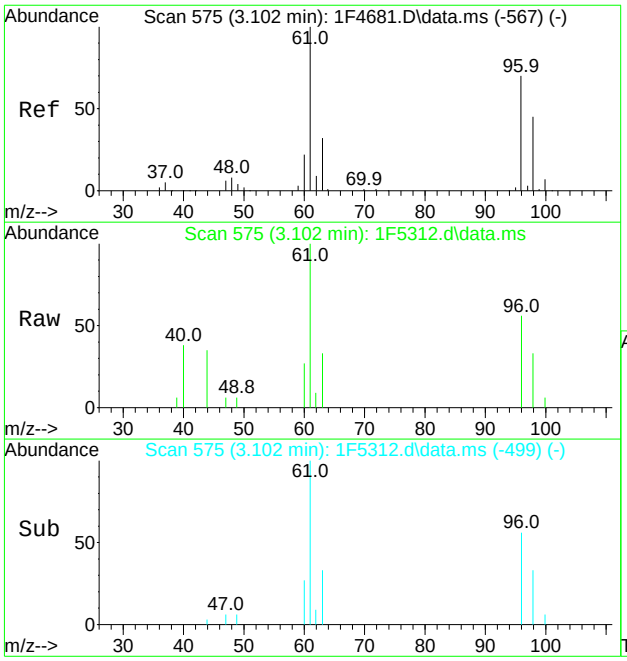
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5312.d
Acq On : 19 May 2023 8:31 pm
Operator : nickw
Sample : jd65823-5 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 22 13:26:07 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

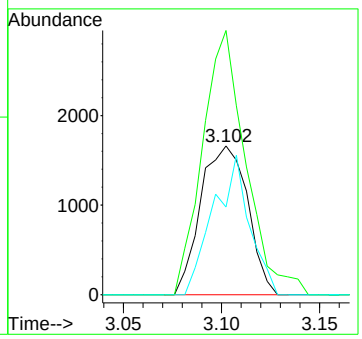


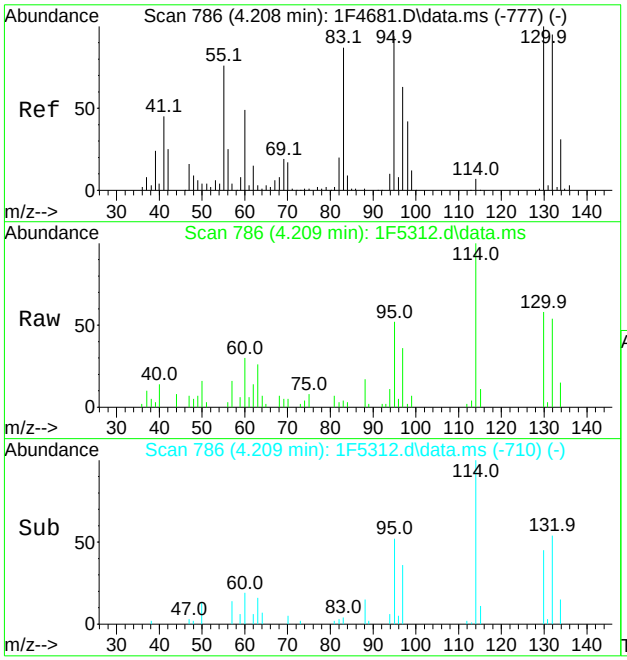


#36
cis-1,2-dichloroethene
Concen: 1.1436 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5312.d
Acq: 19 May 2023 8:31 pm

Tgt Ion: 96 Resp: 2767

Ion	Ratio	Lower	Upper
96	100		
61	177.6	113.8	173.8#
98	59.0	34.7	94.7

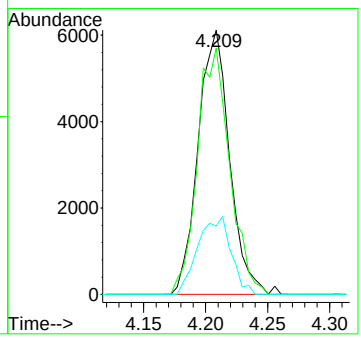


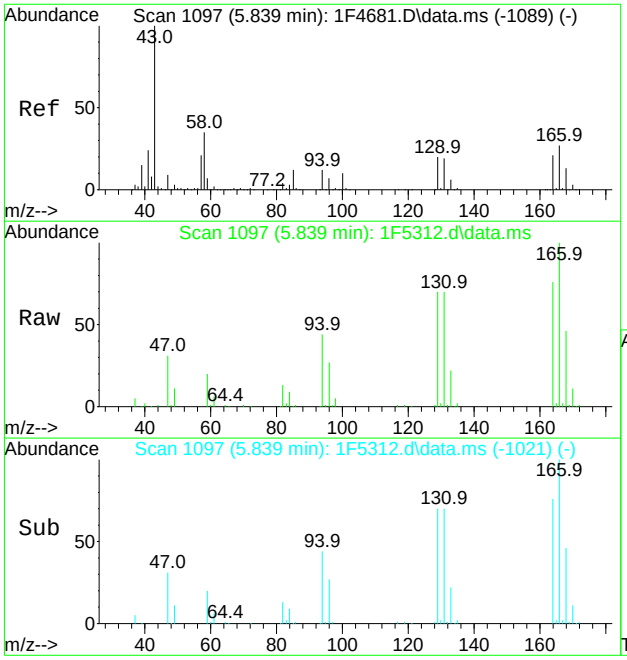


#60
trichloroethene
Concen: 3.8831 ug/L
RT: 4.209 min Scan# 786
Delta R.T. 0.001 min
Lab File: 1F5312.d
Acq: 19 May 2023 8:31 pm

Tgt Ion:130 Resp: 10844

Ion	Ratio	Lower	Upper
130	100		
132	93.1	65.1	125.1
134	25.8	0.7	60.7

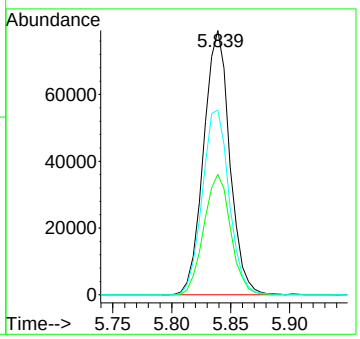




#78
tetrachloroethene
Concen: 42.1310 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5312.d
Acq: 19 May 2023 8:31 pm

Tgt Ion:166 Resp: 122221

Ion	Ratio	Lower	Upper
166	100		
168	45.6	17.4	77.4
129	69.9	42.9	102.9



7.1.8

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03695.d
Acq On : 23 May 2023 11:58 am
Operator : edwardd
Sample : JD65823-6 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 08:24:08 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

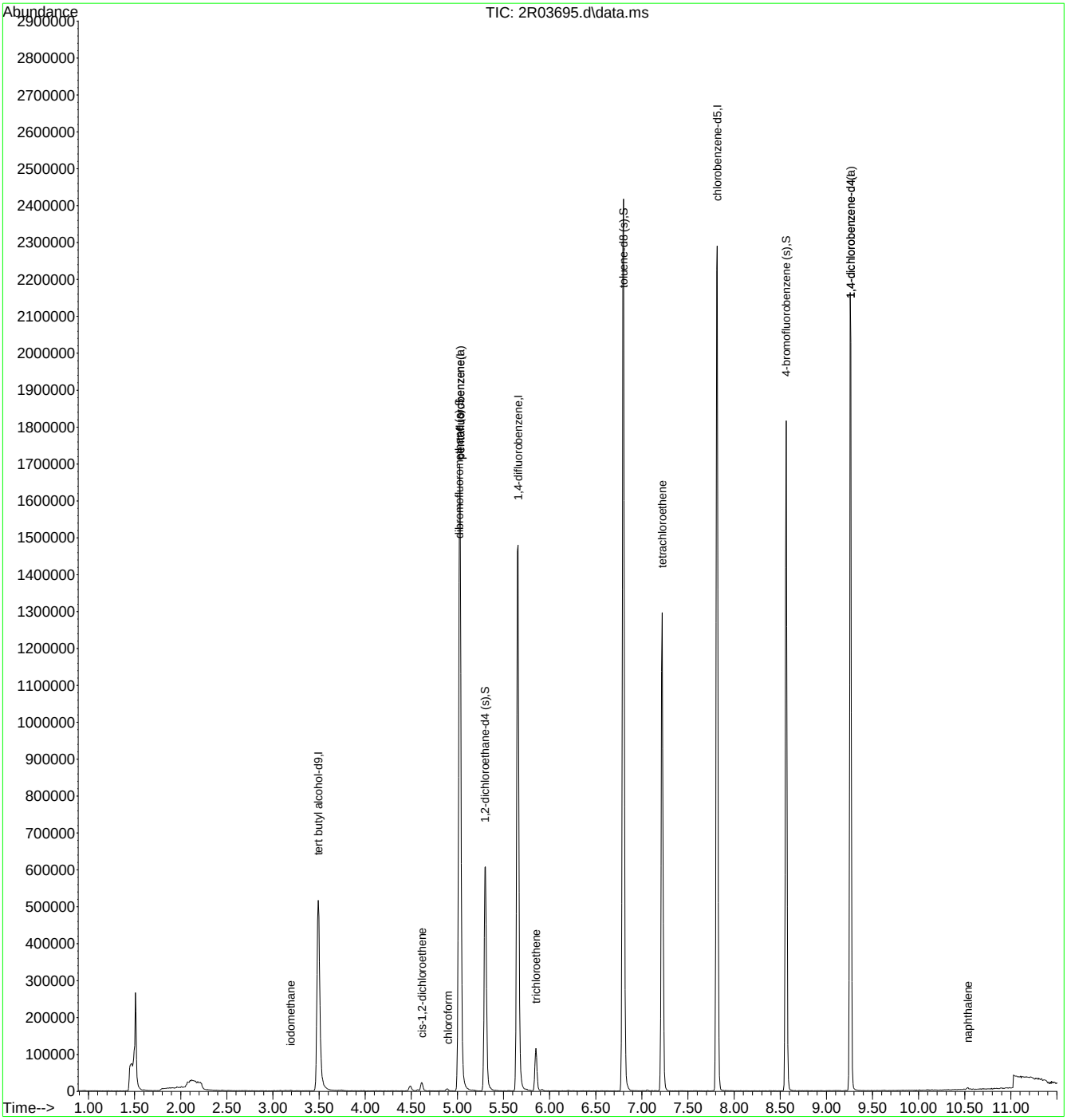
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.491	65	630945	500.00	ug/L	0.01
5) pentafluorobenzene	5.030	168	712880	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.657	114	1090536	50.00	ug/L	0.01
73) chlorobenzene-d5	7.817	117	1007742	50.00	ug/L	0.01
97) 1,4-dichlorobenzene-d4	9.264	152	420948	50.00	ug/L	0.01
125) pentafluorobenzene(a)	5.030	168	712880	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	420948	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.018	113	341108	55.49	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.98%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	376335	47.55	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 95.10%			
74) toluene-d8 (s)	6.801	98	1373622	51.78	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.56%			
98) 4-bromofluorobenzene (s)	8.565	174	362643	51.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
20) iodomethane	3.193	142	1162	0.2275	ug/L	89
36) cis-1,2-dichloroethene	4.617	96	10036	2.2842	ug/L #	47
42) chloroform	4.896	83	4297	0.5109	ug/L	72
61) trichloroethene	5.852	95	32417	6.8939	ug/L	99
79) tetrachloroethene	7.220	164	230726	56.7332	ug/L	98
122) naphthalene	10.536	128	3004	0.2771	ug/L	82

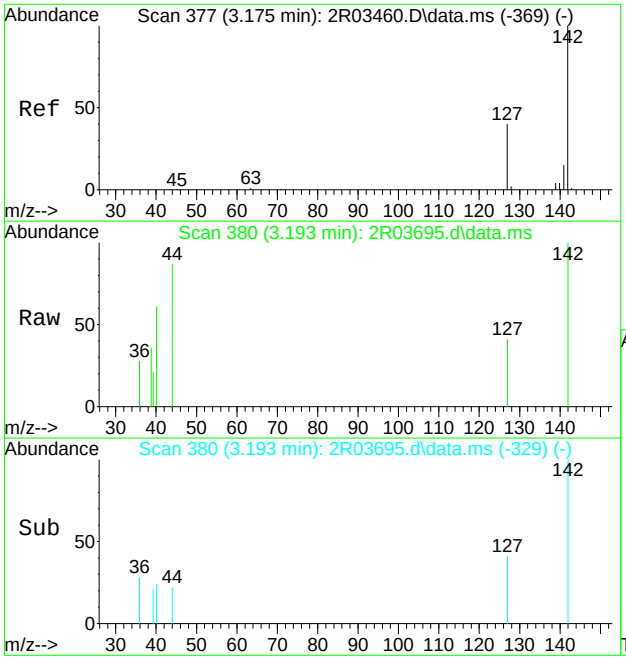
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03695.d
Acq On : 23 May 2023 11:58 am
Operator : edwardd
Sample : JD65823-6 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 08:24:08 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

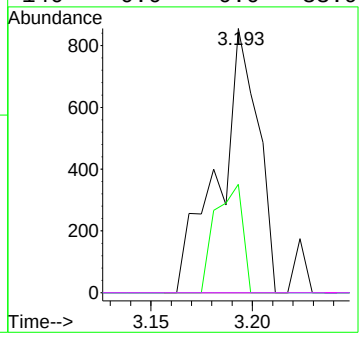


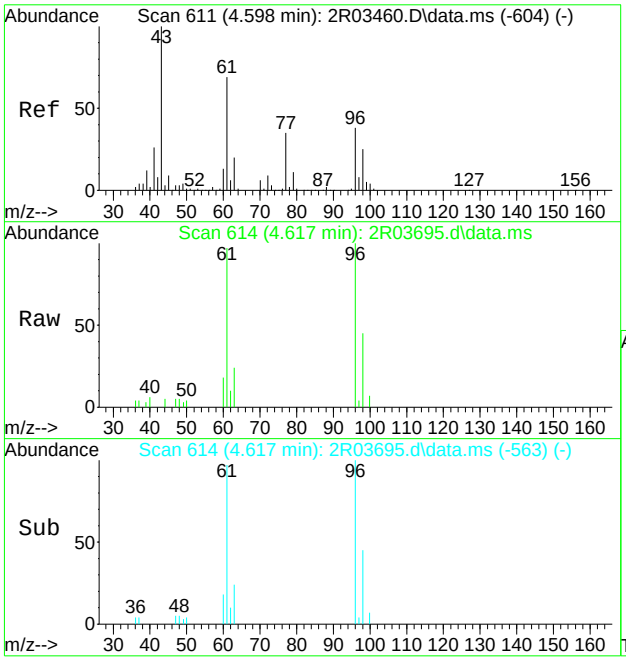


#20
iodomethane
Concen: 0.2275 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion:142 Resp: 1162

Ion	Ratio	Lower	Upper
142	100		
127	41.0	8.8	68.8
141	0.0	0.0	43.6
140	0.0	0.0	33.9

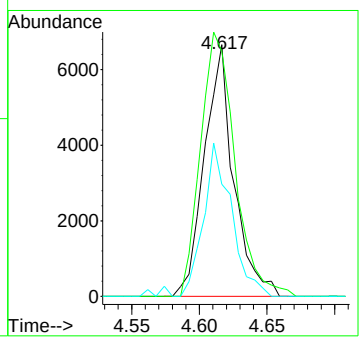


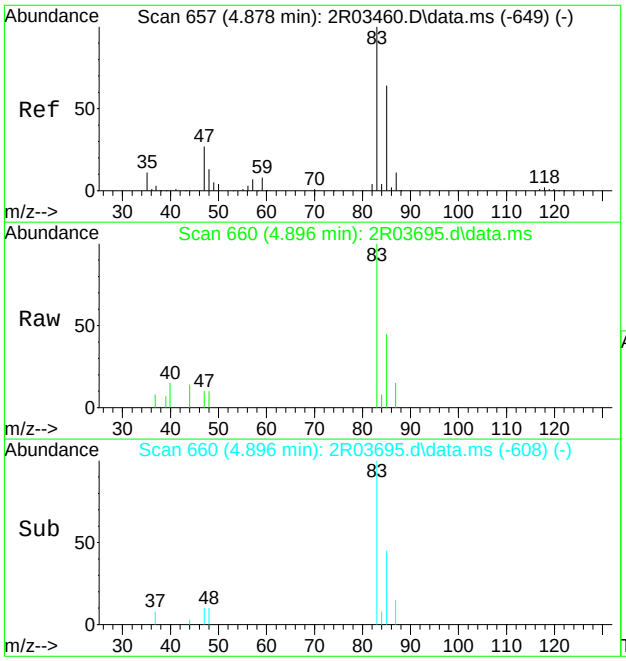


#36
cis-1,2-dichloroethene
Concen: 2.2842 ug/L
RT: 4.617 min Scan# 614
Delta R.T. 0.012 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion: 96 Resp: 10036

Ion	Ratio	Lower	Upper
96	100		
61	97.4	159.0	219.0#
98	44.5	35.2	95.2

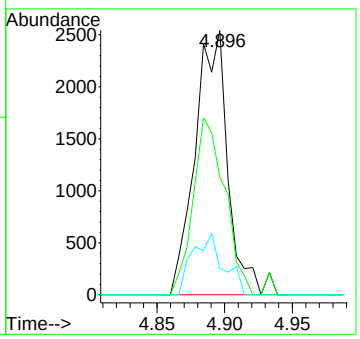


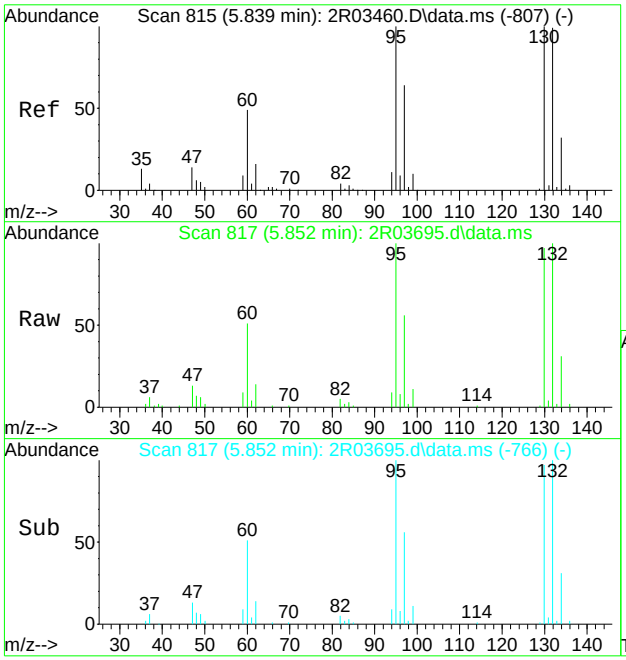


#42
chloroform
Concen: 0.5109 ug/L
RT: 4.896 min Scan# 660
Delta R.T. 0.018 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion: 83 Resp: 4297

Ion	Ratio	Lower	Upper
83	100		
85	44.5	34.0	94.0
47	10.1	0.0	59.2

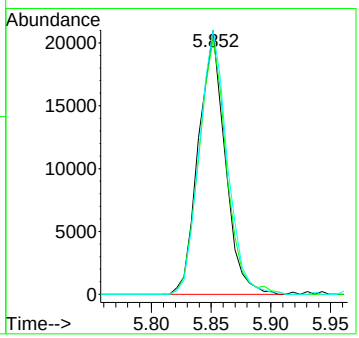


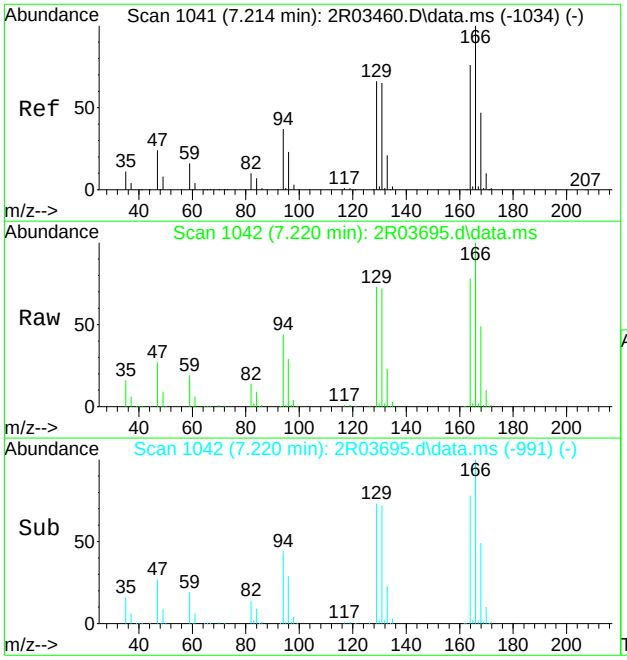


#61
trichloroethene
Concen: 6.8939 ug/L
RT: 5.852 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion: 95 Resp: 32417

Ion	Ratio	Lower	Upper
95	100		
130	96.7	67.3	127.3
132	100.2	67.9	127.9

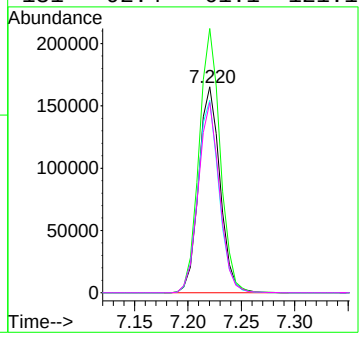


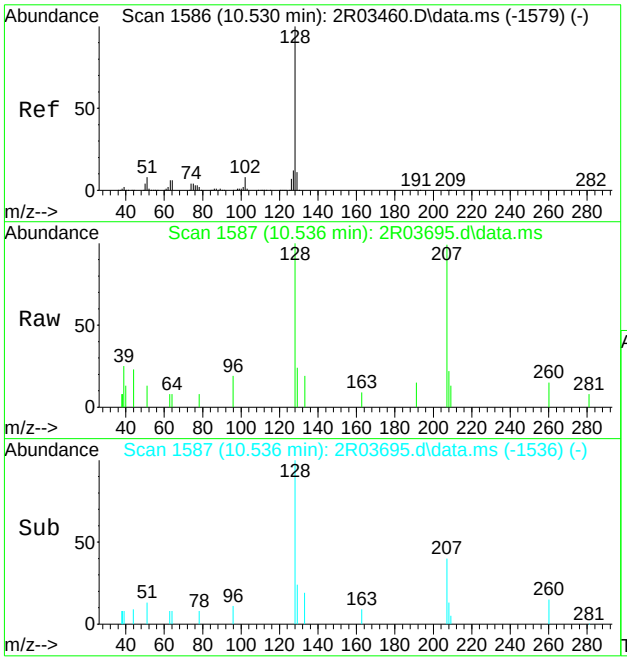


#79
tetrachloroethene
Concen: 56.7332 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion:164 Resp: 230726

Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.2	162.2
129	93.6	63.0	123.0
131	92.4	61.1	121.1

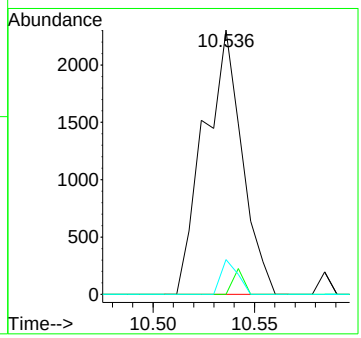




#122
naphthalene
Concen: 0.2771 ug/L
RT: 10.536 min Scan# 1587
Delta R.T. 0.012 min
Lab File: 2R03695.d
Acq: 23 May 2023 11:58 am

Tgt Ion:128 Resp: 3004

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.9
51	13.1	0.0	39.2



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03696.d
Acq On : 23 May 2023 12:23 pm
Operator : edwardd
Sample : JD65823-7 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 24 03:57:47 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

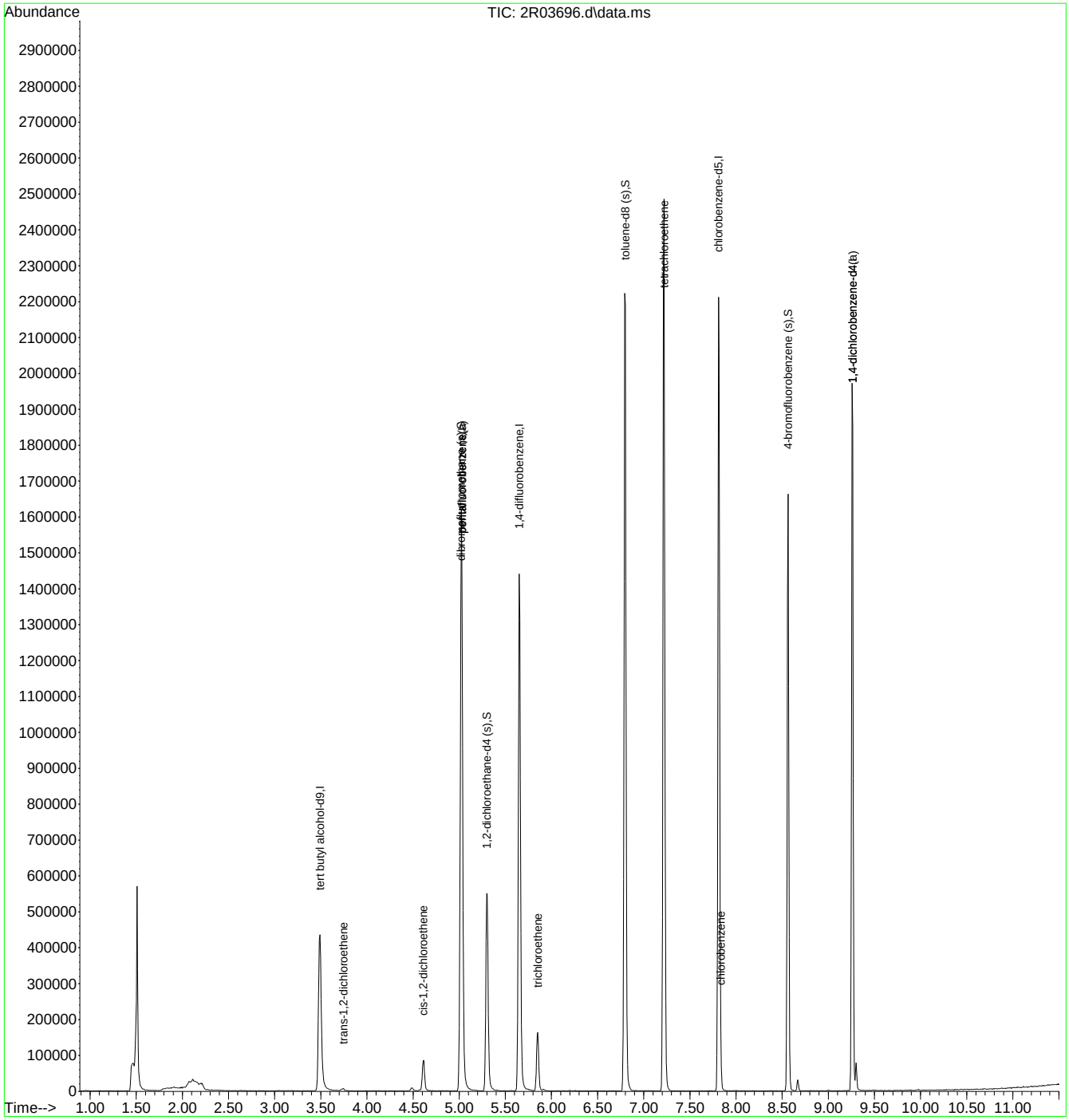
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.491	65	529031	500.00	ug/L	0.01
5) pentafluorobenzene	5.030	168	668429	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.651	114	1028629	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	943701	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.264	152	389427	50.00	ug/L	0.01
125) pentafluorobenzene(a)	5.030	168	668429	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	389427	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.018	113	316957	54.99	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.98%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	347151	46.50	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 93.00%			
74) toluene-d8 (s)	6.800	98	1285433	51.74	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.48%			
98) 4-bromofluorobenzene (s)	8.565	174	338136	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
25) trans-1,2-dichloroethene	3.746	96	1439	0.3944	ug/L #	70
36) cis-1,2-dichloroethene	4.610	96	34538	8.3837	ug/L #	70
61) trichloroethene	5.851	95	48619	10.9617	ug/L	98
79) tetrachloroethene	7.220	164	443813	116.5348	ug/L	98
86) chlorobenzene	7.835	112	22907	1.8590	ug/L	99

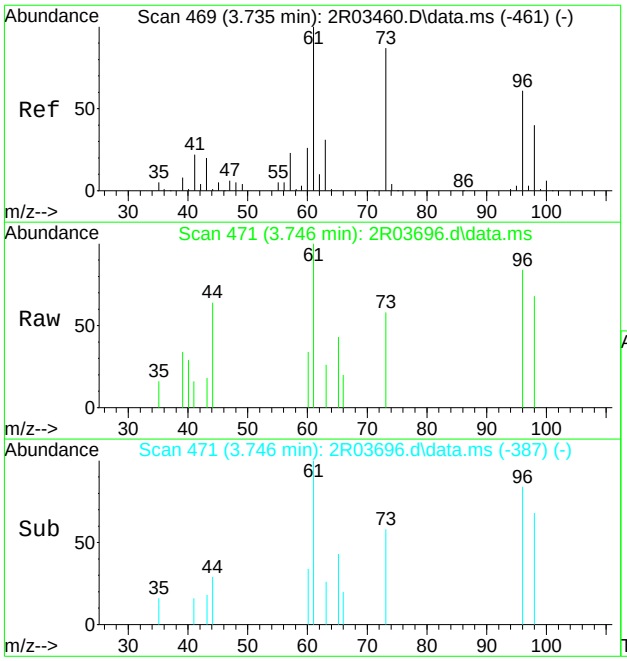
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03696.d
Acq On : 23 May 2023 12:23 pm
Operator : edwardd
Sample : JD65823-7 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 24 03:57:47 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

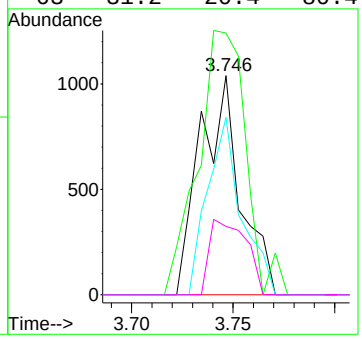


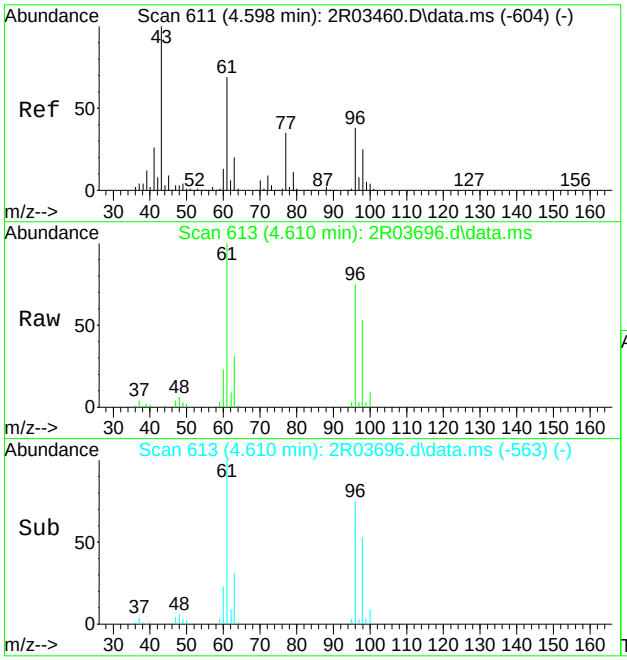


#25
trans-1,2-dichloroethene
Concen: 0.3944 ug/L
RT: 3.746 min Scan# 471
Delta R.T. 0.012 min
Lab File: 2R03696.d
Acq: 23 May 2023 12:23 pm

Tgt Ion: 96 Resp: 1439

Ion	Ratio	Lower	Upper
96	100		
61	119.5	137.2	197.2#
98	80.9	35.2	95.2
63	31.2	20.4	80.4

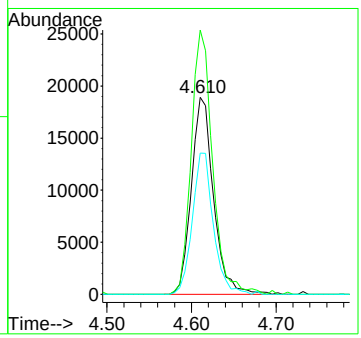


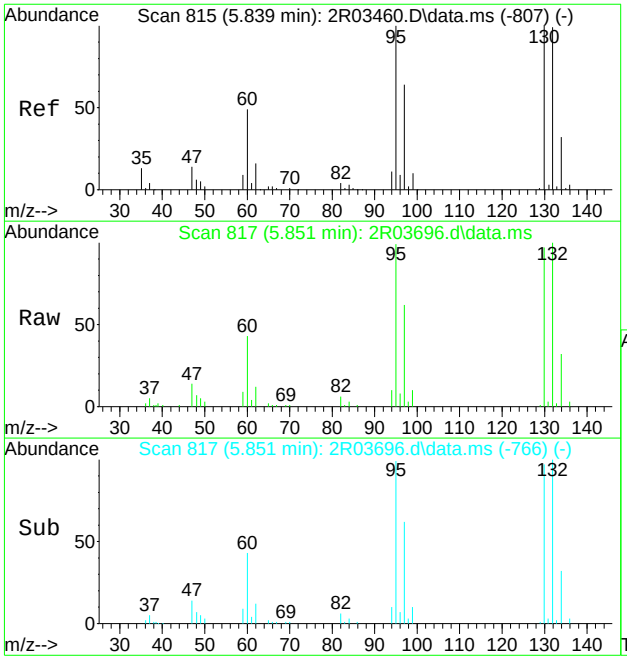


#36
cis-1,2-dichloroethene
Concen: 8.3837 ug/L
RT: 4.610 min Scan# 613
Delta R.T. 0.006 min
Lab File: 2R03696.d
Acq: 23 May 2023 12:23 pm

Tgt Ion: 96 Resp: 34538

Ion	Ratio	Lower	Upper
96	100		
61	134.2	159.0	219.0#
98	71.7	35.2	95.2

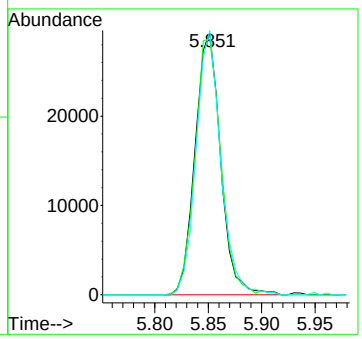


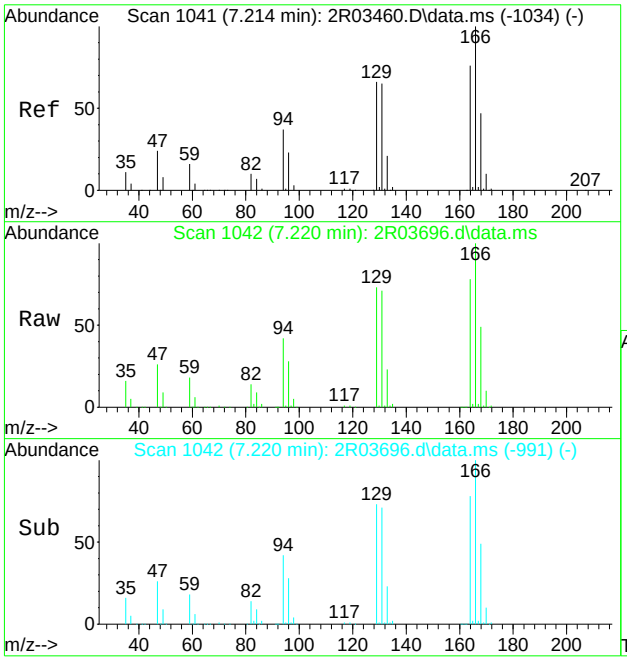


#61
trichloroethene
Concen: 10.9617 ug/L
RT: 5.851 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03696.d
Acq: 23 May 2023 12:23 pm

Tgt Ion: 95 Resp: 48619

Ion	Ratio	Lower	Upper
95	100		
130	97.6	67.3	127.3
132	101.2	67.9	127.9

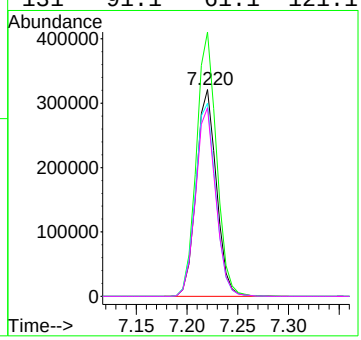


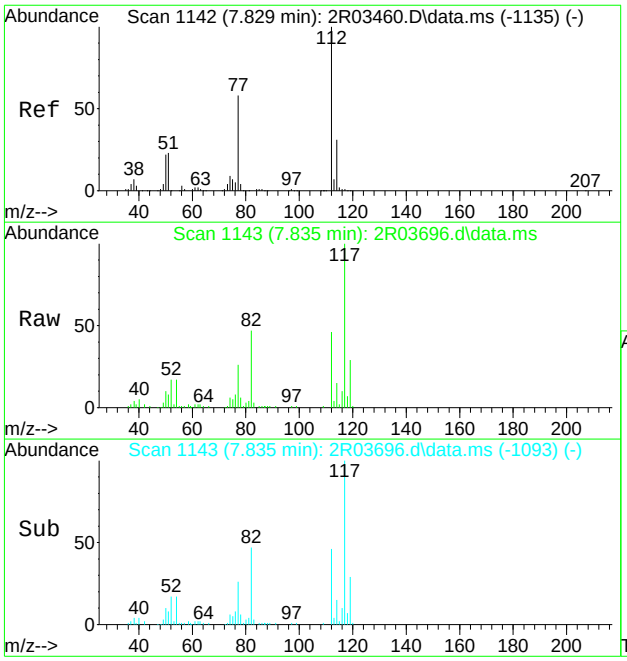


#79
tetrachloroethene
Concen: 116.5348 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03696.d
Acq: 23 May 2023 12:23 pm

Tgt Ion:164 Resp: 443813

Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.2	162.2
129	93.4	63.0	123.0
131	91.1	61.1	121.1

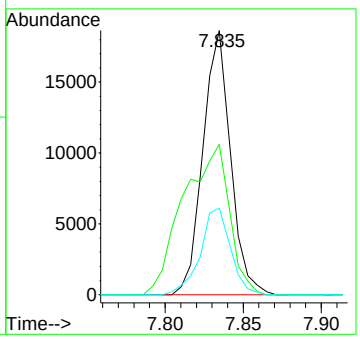




#86
chlorobenzene
Concen: 1.8590 ug/L
RT: 7.835 min Scan# 1143
Delta R.T. 0.006 min
Lab File: 2R03696.d
Acq: 23 May 2023 12:23 pm

Tgt Ion:112 Resp: 22907

Ion	Ratio	Lower	Upper
112	100		
77	56.9	28.0	88.0
114	32.7	2.3	62.3



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355927.d
Acq On : 22 May 2023 12:29 pm
Operator : louied
Sample : jd65823-8 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 23 10:32:28 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

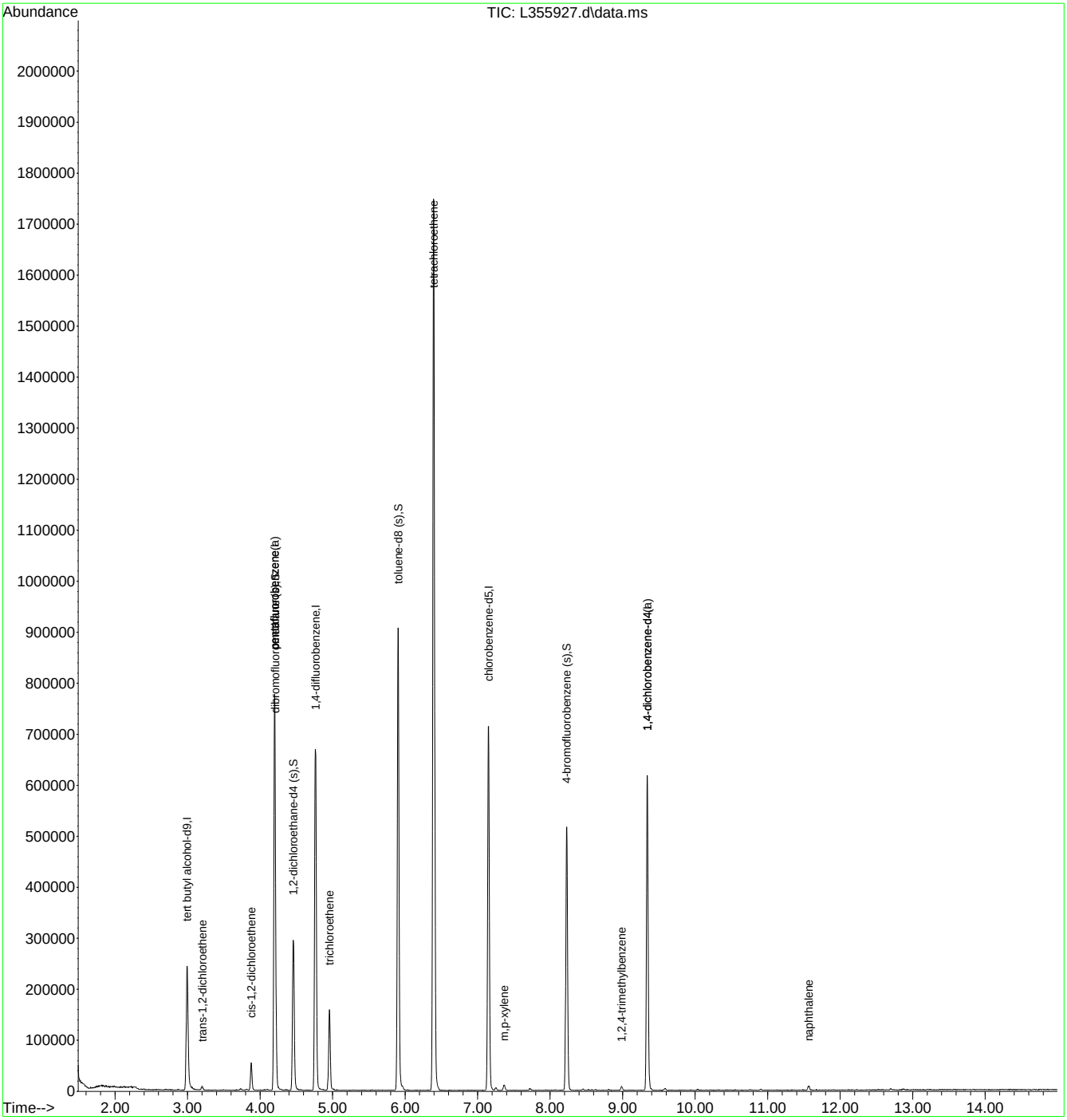
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	253425	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	316144	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.767	114	454934	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	378384	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	160224	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	316144	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	160224	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	138236	53.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.08%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	167623	52.15	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 104.30%			
73) toluene-d8 (s)	5.906	98	556082	55.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.04%			
96) 4-bromofluorobenzene (s)	8.226	95	192352	51.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.76%			
Target Compounds						Qvalue
26) trans-1,2-dichloroethene	3.207	96	2323	0.6840	ug/L #	73
37) cis-1,2-dichloroethene	3.878	96	18575	5.0835	ug/L #	78
59) trichloroethene	4.956	95	46174	12.0830	ug/L	91
79) tetrachloroethene	6.394	166	496798	142.3020	ug/L	94
88) m,p-xylene	7.363	106	4004	0.6682	ug/L #	80
106) 1,2,4-trimethylbenzene	8.983	105	5213	0.4199	ug/L	77
118) naphthalene	11.563	128	7807	0.9351	ug/L	81

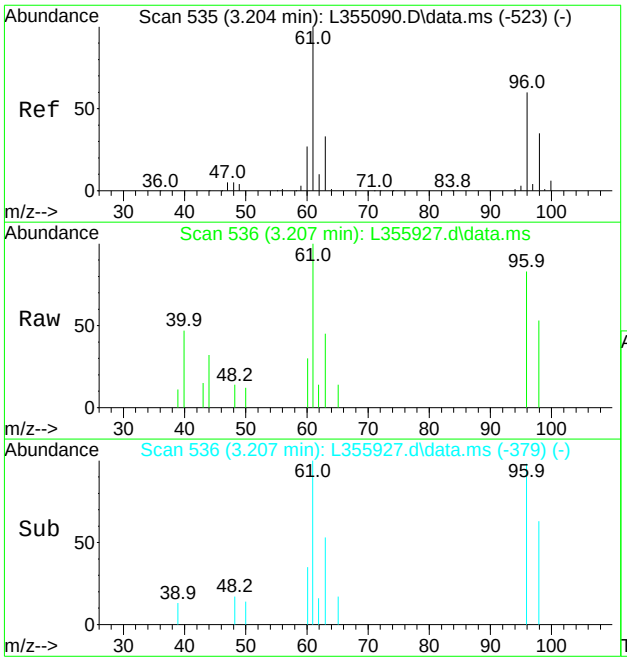
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355927.d
Acq On : 22 May 2023 12:29 pm
Operator : louied
Sample : jd65823-8 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 23 10:32:28 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

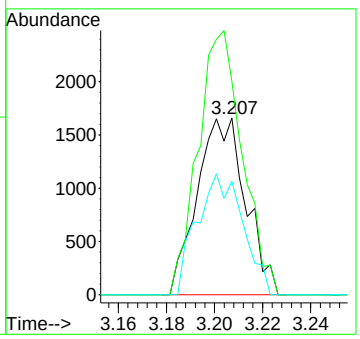


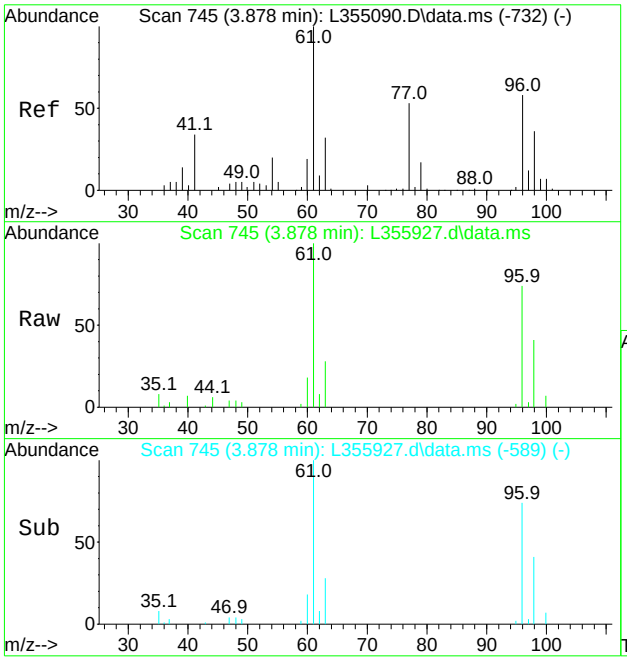


#26
trans-1,2-dichloroethene
Concen: 0.6840 ug/L
RT: 3.207 min Scan# 536
Delta R.T. 0.003 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion: 96 Resp: 2323

Ion	Ratio	Lower	Upper
96	100		
61	120.8	136.4	196.4#
98	64.2	28.2	88.2

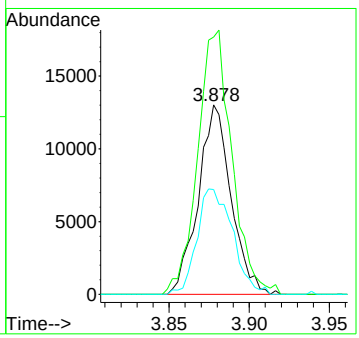


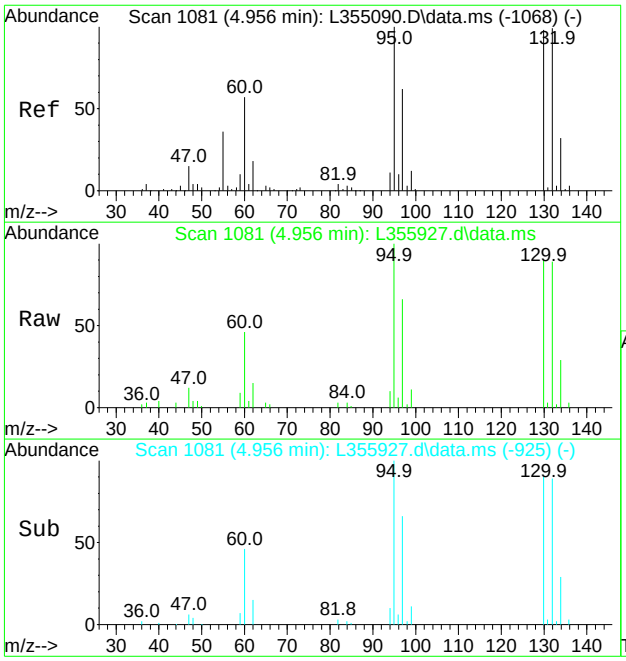


#37
cis-1,2-dichloroethene
Concen: 5.0835 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion: 96 Resp: 18575

Ion	Ratio	Lower	Upper
96	100		
61	135.8	141.8	201.8#
98	55.3	32.2	92.2

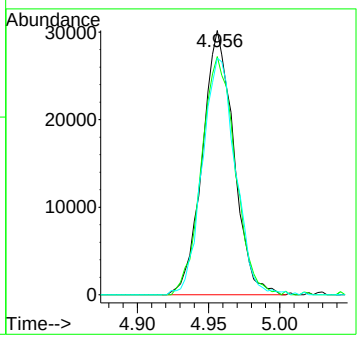


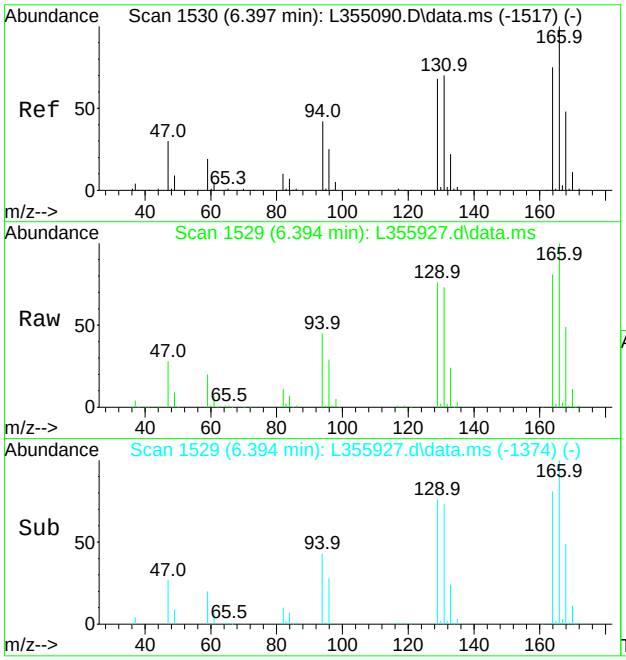


#59
trichloroethene
Concen: 12.0830 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion: 95 Resp: 46174

Ion	Ratio	Lower	Upper
95	100		
130	90.1	68.4	128.4
132	89.4	68.7	128.7

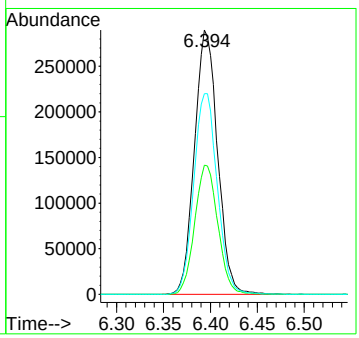


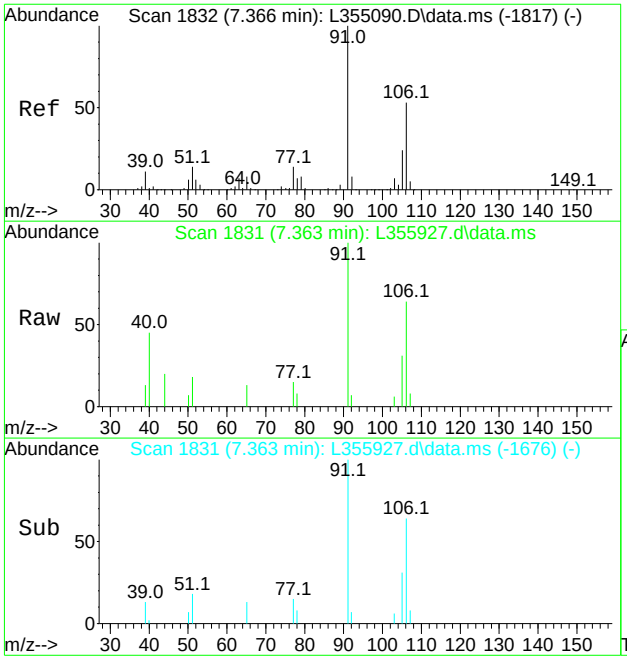


#79
tetrachloroethene
Concen: 142.3020 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion:166 Resp: 496798

Ion	Ratio	Lower	Upper
166	100		
168	48.9	18.3	78.3
129	75.9	38.5	98.5

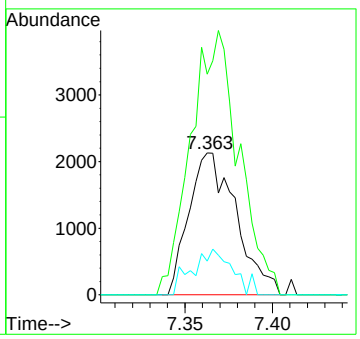


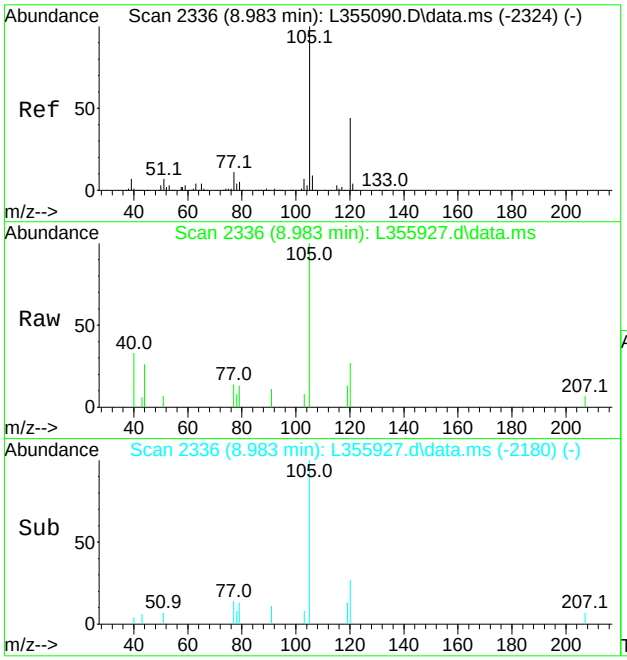


#88
m,p-xylene
Concen: 0.6682 ug/L
RT: 7.363 min Scan# 1831
Delta R.T. -0.003 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion:106 Resp: 4004

Ion	Ratio	Lower	Upper
106	100		
91	155.4	158.2	218.2#
77	23.7	6.9	46.9

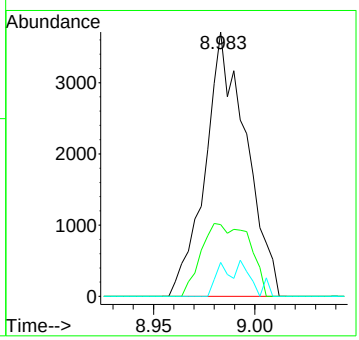


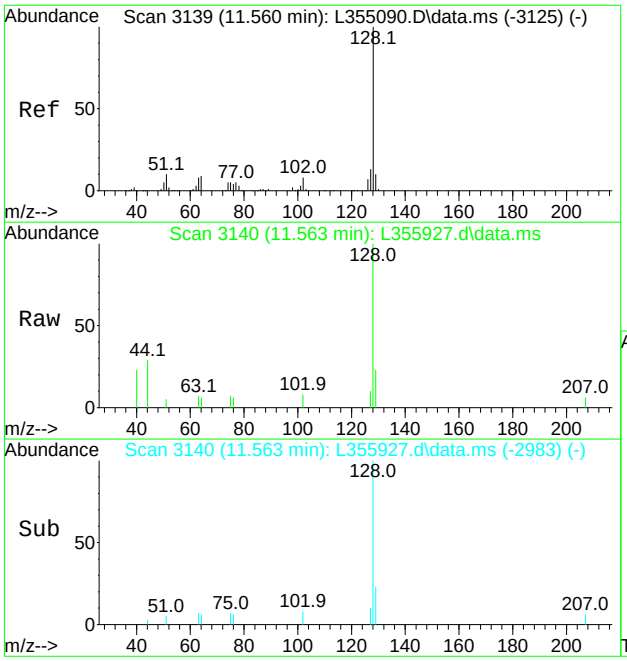


#106
1,2,4-trimethylbenzene
Concen: 0.4199 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion:105 Resp: 5213

Ion	Ratio	Lower	Upper
105	100		
120	27.2	15.8	75.8
119	12.9	0.0	42.1

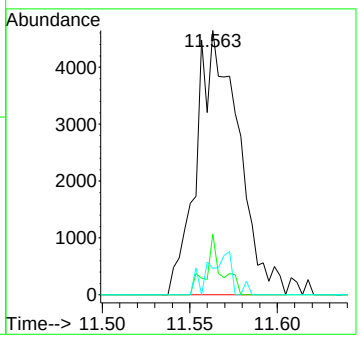




#118
naphthalene
Concen: 0.9351 ug/L
RT: 11.563 min Scan# 3140
Delta R.T. 0.003 min
Lab File: L355927.d
Acq: 22 May 2023 12:29 pm

Tgt Ion:128 Resp: 7807

Ion	Ratio	Lower	Upper
128	100		
129	23.1	0.0	40.2
127	10.0	0.0	43.0



7.1.11

7

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355933.d
Acq On : 22 May 2023 2:48 pm
Operator : louied
Sample : jd65823-9 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 10:38:56 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

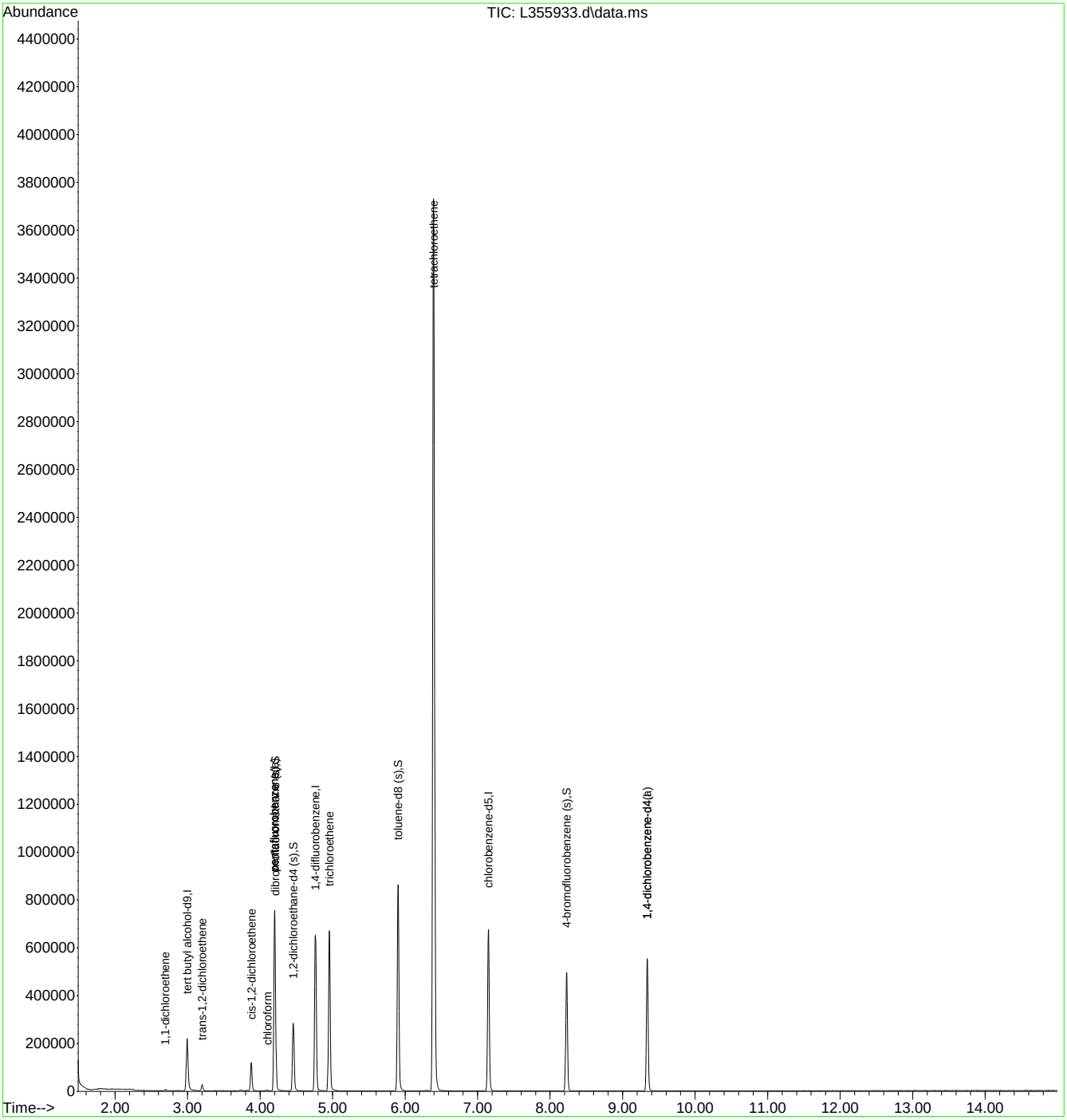
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.995	65	224139	500.00	ug/L	0.00
5) pentafluorobenzene	4.199	168	295161	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	437064	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	355510	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.336	152	150092	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.199	168	295161	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.336	152	150092	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	132253	54.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.70%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	160695	52.04	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 104.08%			
73) toluene-d8 (s)	5.903	98	533520	56.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.40%			
96) 4-bromofluorobenzene (s)	8.226	95	183182	52.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.46%			
Target Compounds						Qvalue
17) 1,1-dichloroethene	2.691	96	1455	0.5288	ug/L #	74
26) trans-1,2-dichloroethene	3.201	96	7475	2.3576	ug/L	96
37) cis-1,2-dichloroethene	3.881	96	42231	12.3793	ug/L #	77
42) chloroform	4.102	83	2276	0.3694	ug/L	77
59) trichloroethene	4.956	95	199800	54.4222	ug/L	97
79) tetrachloroethene	6.394	166	1097849	334.6993	ug/L	92

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

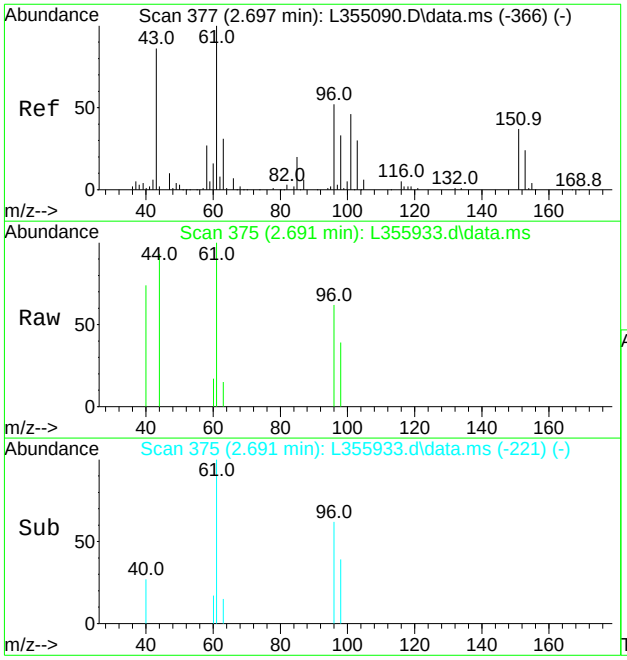
Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355933.d
Acq On : 22 May 2023 2:48 pm
Operator : louied
Sample : jd65823-9 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 23 10:38:56 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration



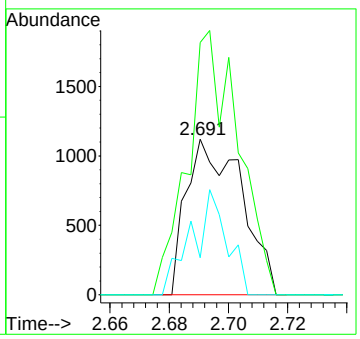
ML10779.M Tue May 23 11:25:08 2023 Page: 2

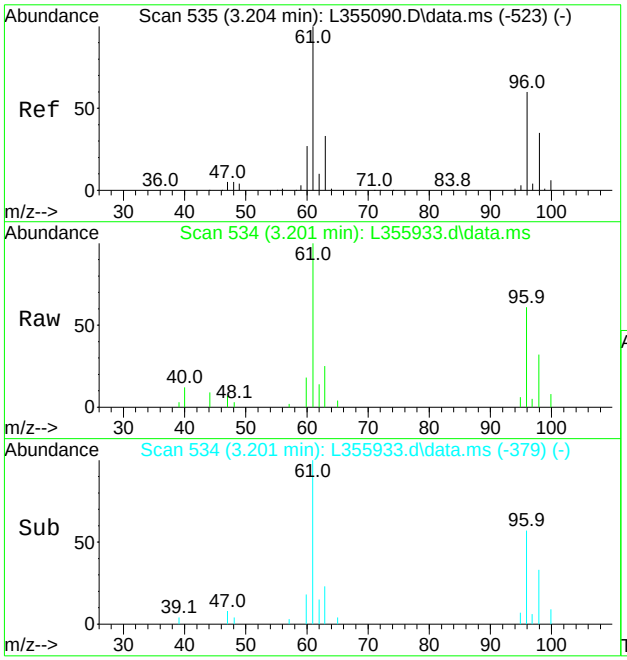


#17
1,1-dichloroethene
Concen: 0.5288 ug/L
RT: 2.691 min Scan# 375
Delta R.T. -0.006 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion: 96 Resp: 1455

Ion	Ratio	Lower	Upper
96	100		
61	162.0	160.9	220.9
63	23.7	29.9	89.9#

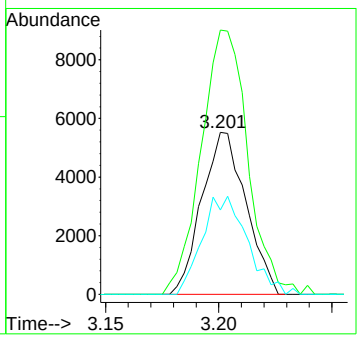


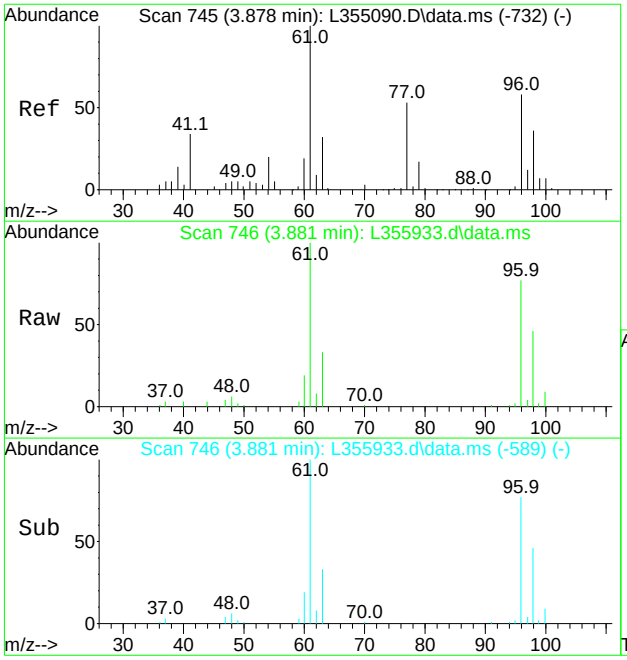


#26
trans-1,2-dichloroethene
Concen: 2.3576 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion: 96 Resp: 7475

Ion	Ratio	Lower	Upper
96	100		
61	163.2	136.4	196.4
98	52.1	28.2	88.2

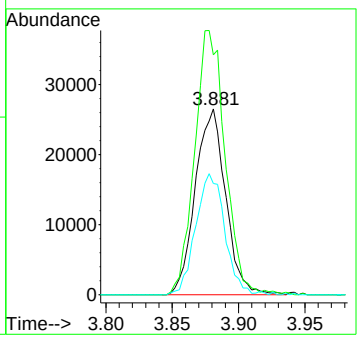


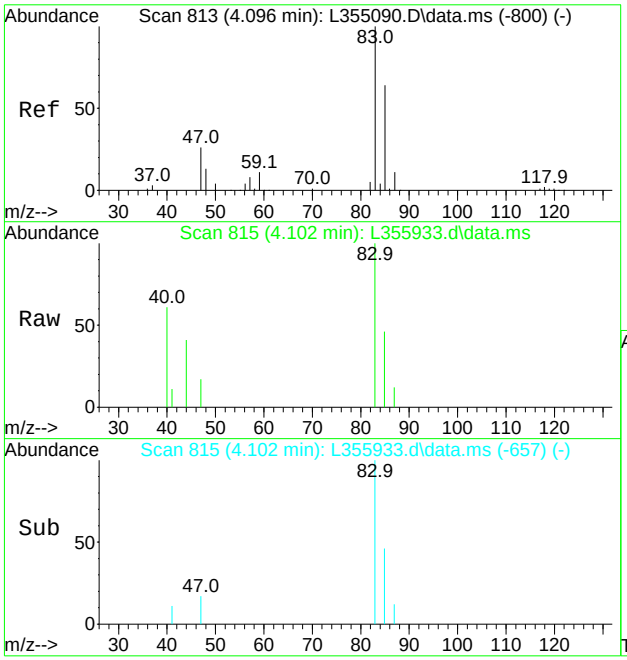


#37
cis-1,2-dichloroethene
Concen: 12.3793 ug/L
RT: 3.881 min Scan# 746
Delta R.T. 0.003 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion: 96 Resp: 42231

Ion	Ratio	Lower	Upper
96	100		
61	129.1	141.8	201.8#
98	60.0	32.2	92.2

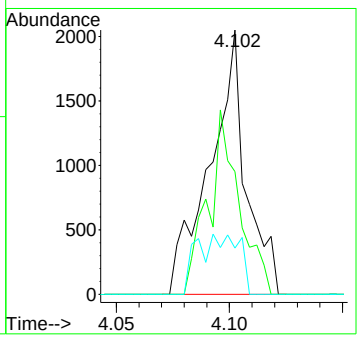


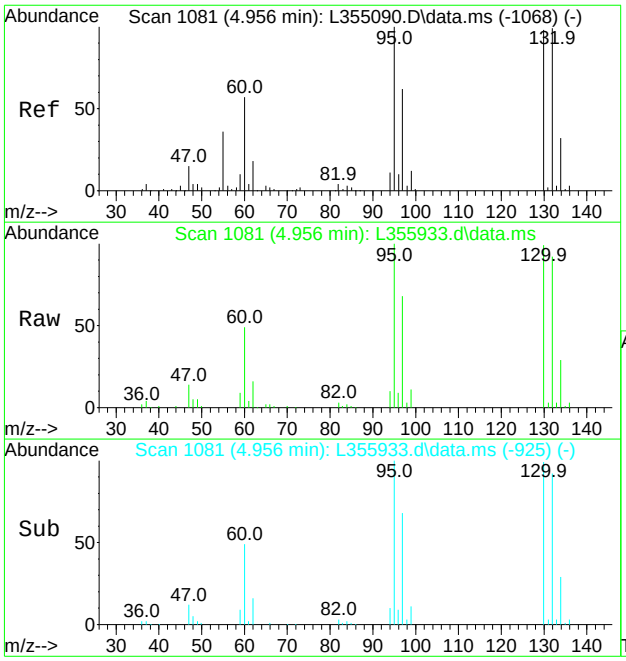


#42
chloroform
Concen: 0.3694 ug/L
RT: 4.102 min Scan# 815
Delta R.T. 0.006 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion: 83 Resp: 2276

Ion	Ratio	Lower	Upper
83	100		
85	46.4	34.3	94.3
47	17.4	0.0	59.3

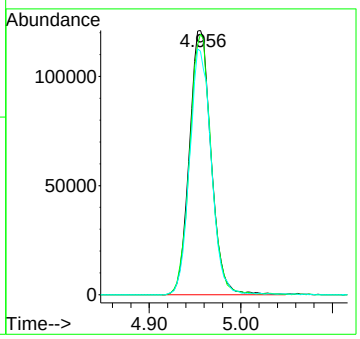


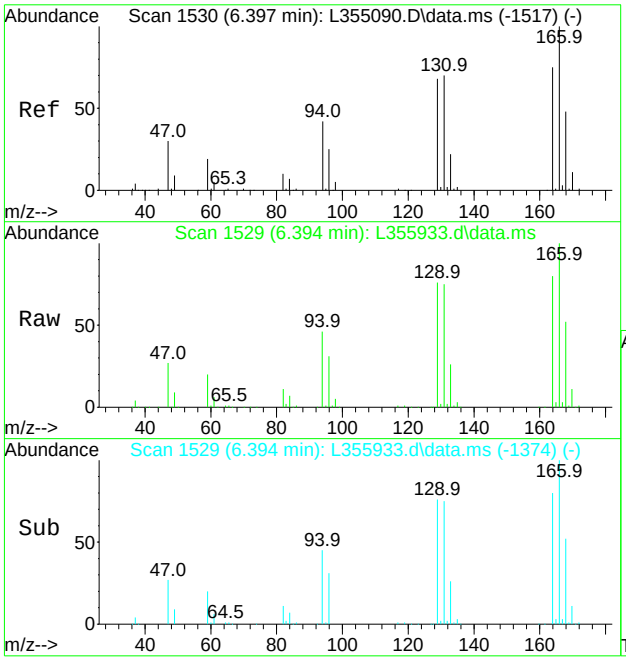


#59
trichloroethene
Concen: 54.4222 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. -0.000 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion: 95 Resp: 199800

Ion	Ratio	Lower	Upper
95	100		
130	98.5	68.4	128.4
132	92.1	68.7	128.7

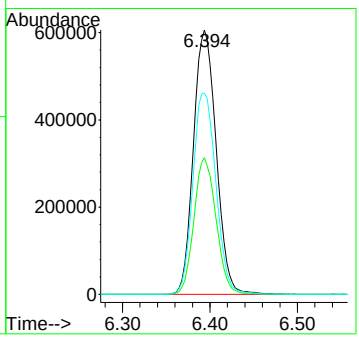




#79
tetrachloroethene
Concen: 334.6993 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355933.d
Acq: 22 May 2023 2:48 pm

Tgt Ion:166 Resp: 1097849

Ion	Ratio	Lower	Upper
166	100		
168	51.7	18.3	78.3
129	76.1	38.5	98.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355936.d
Acq On : 22 May 2023 3:57 pm
Operator : louied
Sample : jd65823-9 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 23 10:43:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

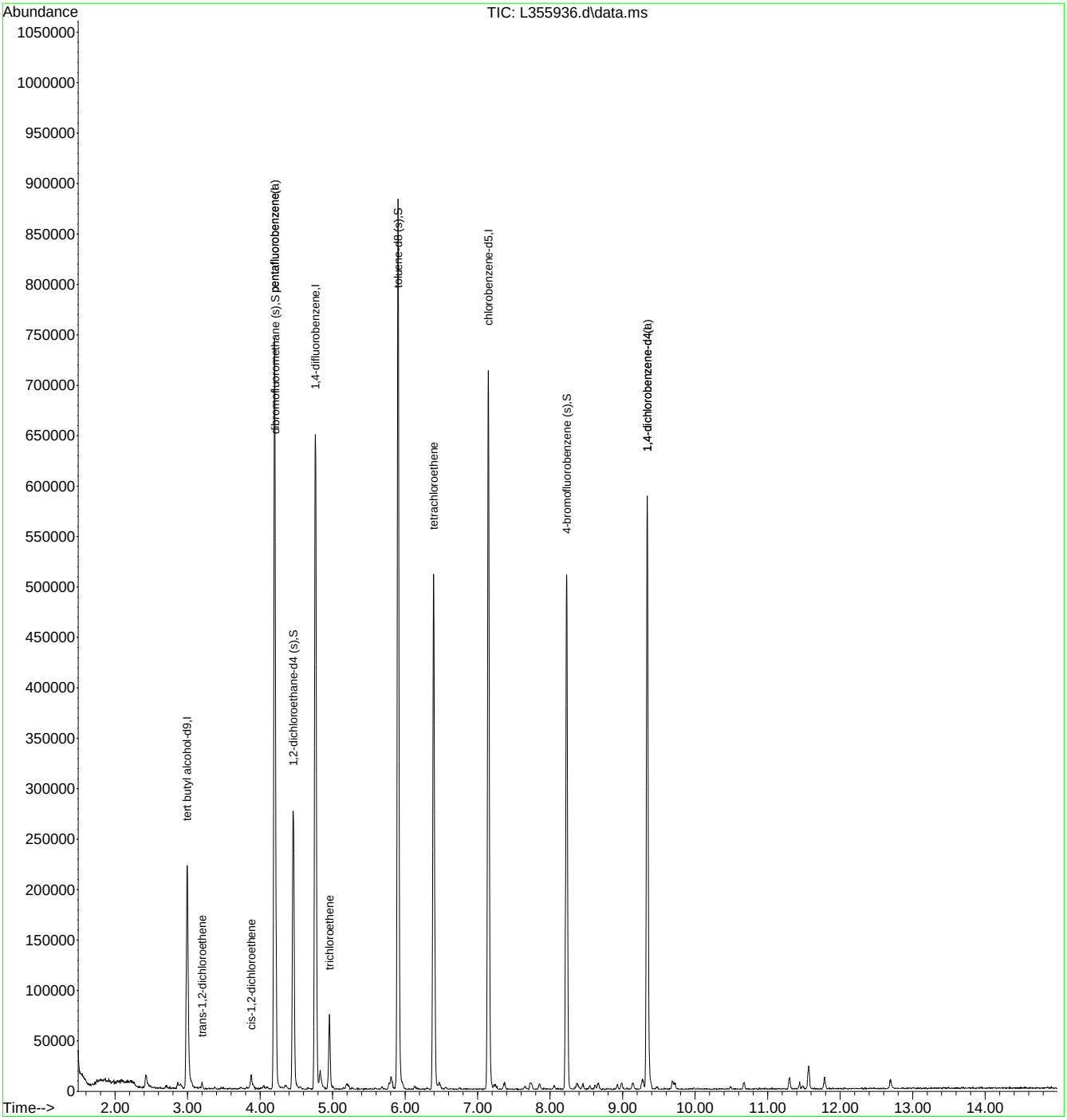
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	234303	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	296296	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.764	114	439764	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	380360	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	155755	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	296296	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	155755	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	134828	55.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.40%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	162208	52.21	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 104.42%			
73) toluene-d8 (s)	5.903	98	543097	53.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.90%			
96) 4-bromofluorobenzene (s)	8.229	95	190949	52.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.94%			
Target Compounds						Qvalue
26) trans-1,2-dichloroethene	3.201	96	1405	0.4414	ug/L	96
37) cis-1,2-dichloroethene	3.878	96	4682	1.3672	ug/L	87
59) trichloroethene	4.956	95	21238	5.7494	ug/L	91
79) tetrachloroethene	6.394	166	144487	41.1716	ug/L	93

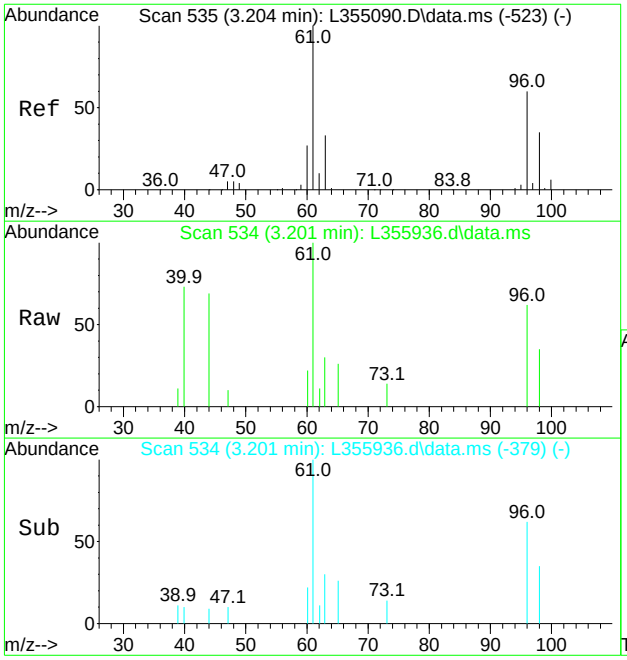
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355936.d
Acq On : 22 May 2023 3:57 pm
Operator : louied
Sample : jd65823-9 Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 23 10:43:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

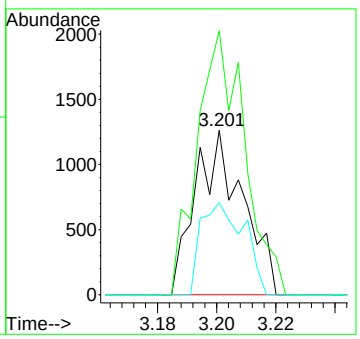


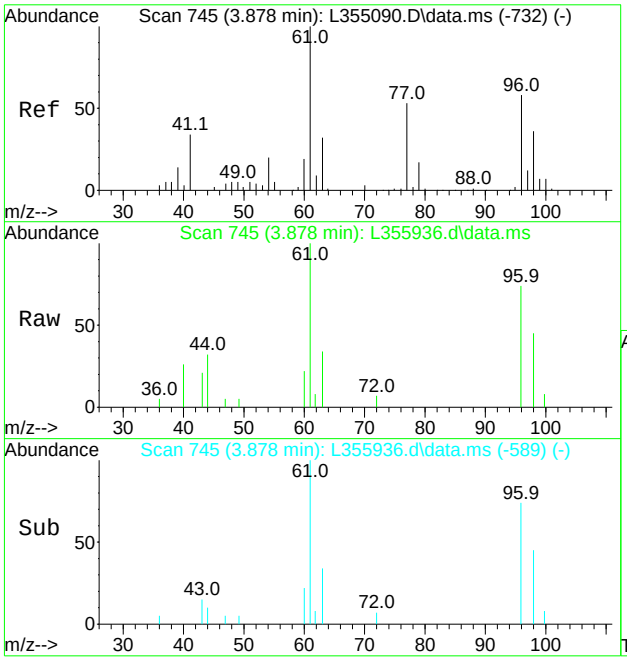


#26
trans-1,2-dichloroethene
Concen: 0.4414 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355936.d
Acq: 22 May 2023 3:57 pm

Tgt Ion: 96 Resp: 1405

Ion	Ratio	Lower	Upper
96	100		
61	160.6	136.4	196.4
98	56.0	28.2	88.2

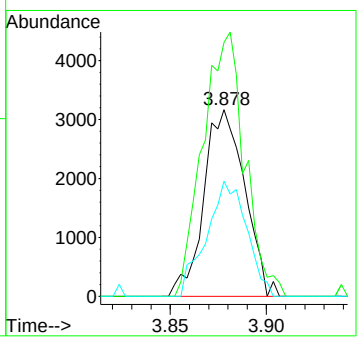


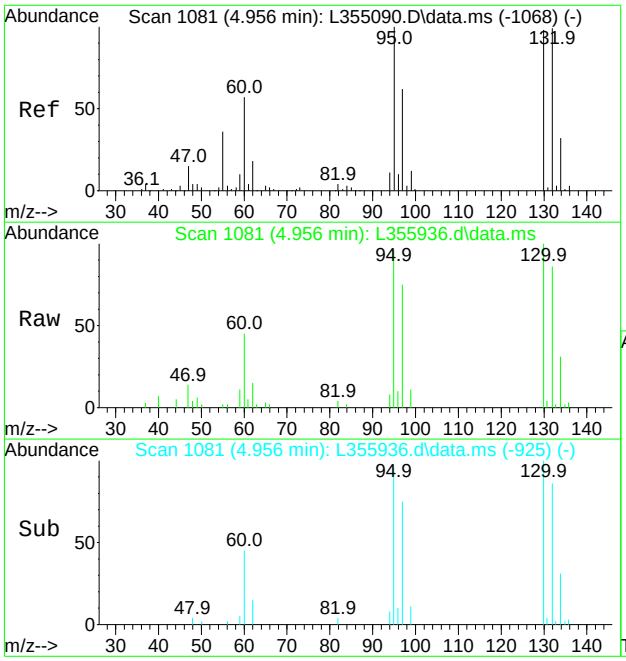


#37
cis-1,2-dichloroethene
Concen: 1.3672 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355936.d
Acq: 22 May 2023 3:57 pm

Tgt Ion: 96 Resp: 4682

Ion	Ratio	Lower	Upper
96	100		
61	146.9	141.8	201.8
98	61.7	32.2	92.2

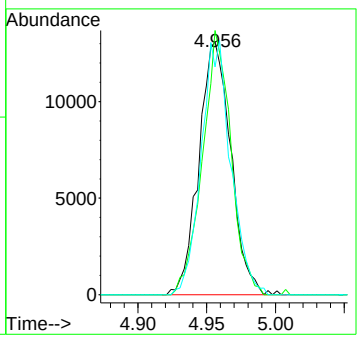


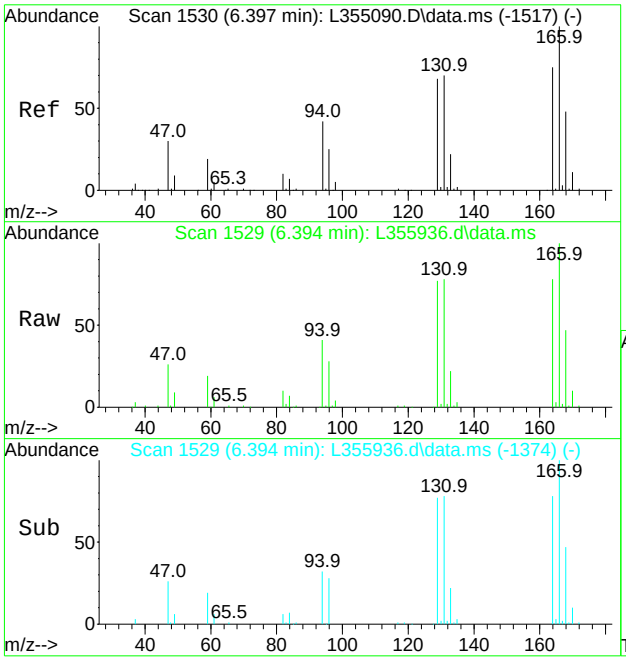


#59
trichloroethene
Concen: 5.7494 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355936.d
Acq: 22 May 2023 3:57 pm

Tgt Ion: 95 Resp: 21238

Ion	Ratio	Lower	Upper
95	100		
130	108.3	68.4	128.4
132	90.1	68.7	128.7

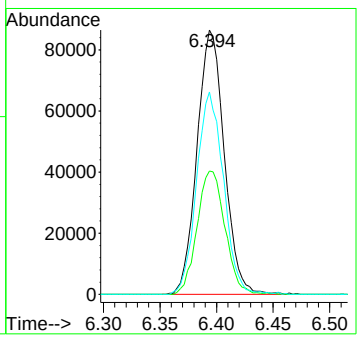




#79
tetrachloroethene
Concen: 41.1716 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355936.d
Acq: 22 May 2023 3:57 pm

Tgt Ion:166 Resp: 144487

Ion	Ratio	Lower	Upper
166	100		
168	46.6	18.3	78.3
129	76.5	38.5	98.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03697.d
Acq On : 23 May 2023 12:49 pm
Operator : edwardd
Sample : JD65823-10 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 24 05:20:06 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

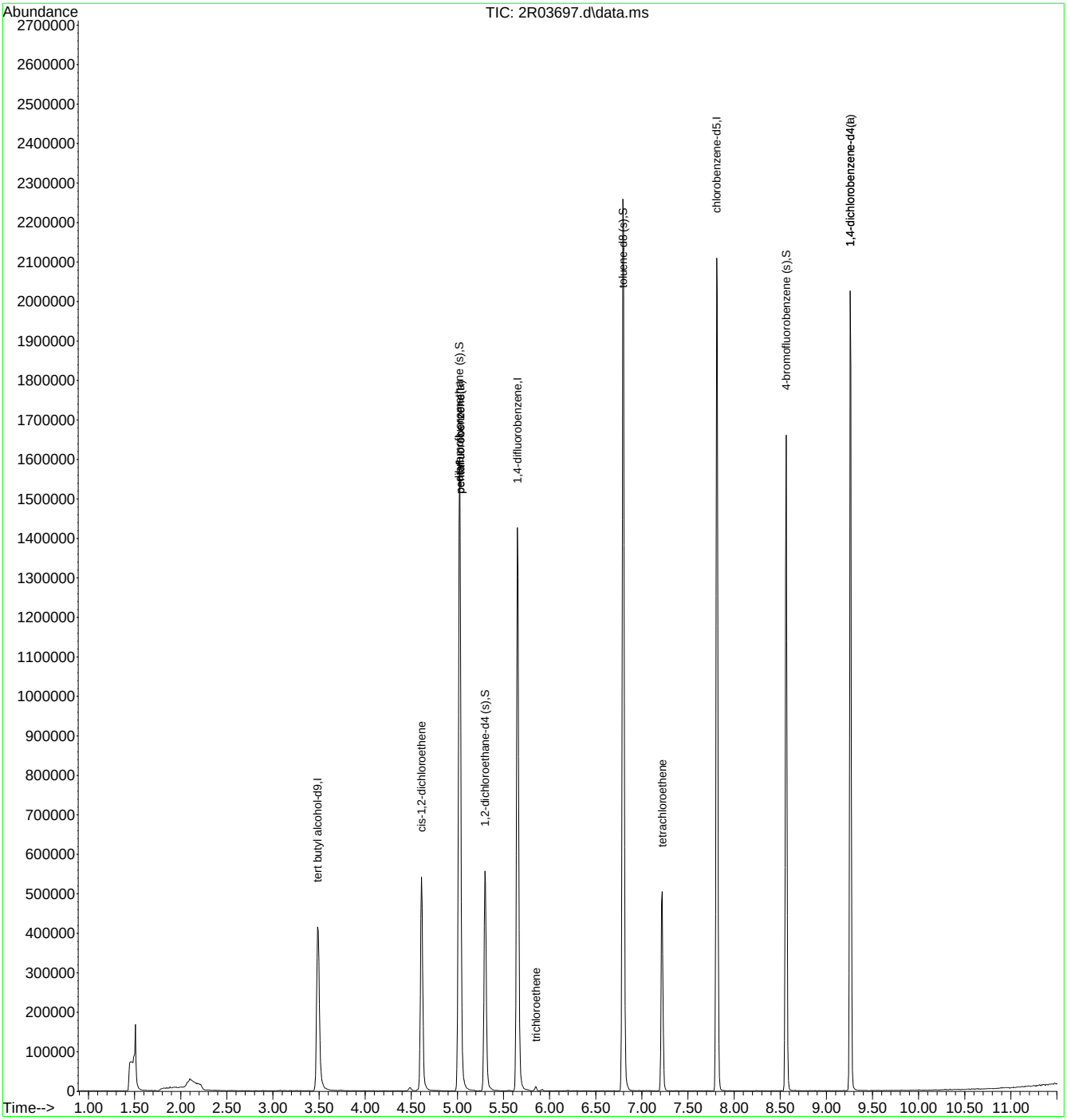
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	505622	500.00	ug/L	0.00
5) pentafluorobenzene	5.030	168	671823	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.651	114	1027687	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	920019	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	390535	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.030	168	671823	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	390535	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.018	113	321471	55.50	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.00%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	347698	46.61	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 93.22%			
74) toluene-d8 (s)	6.794	98	1298352	53.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.22%			
98) 4-bromofluorobenzene (s)	8.565	174	337231	51.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.44%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	4.610	96	211101	50.9833	ug/L #	69
61) trichloroethene	5.851	95	2794	0.6305	ug/L	76
79) tetrachloroethene	7.220	164	92326	24.8666	ug/L	98

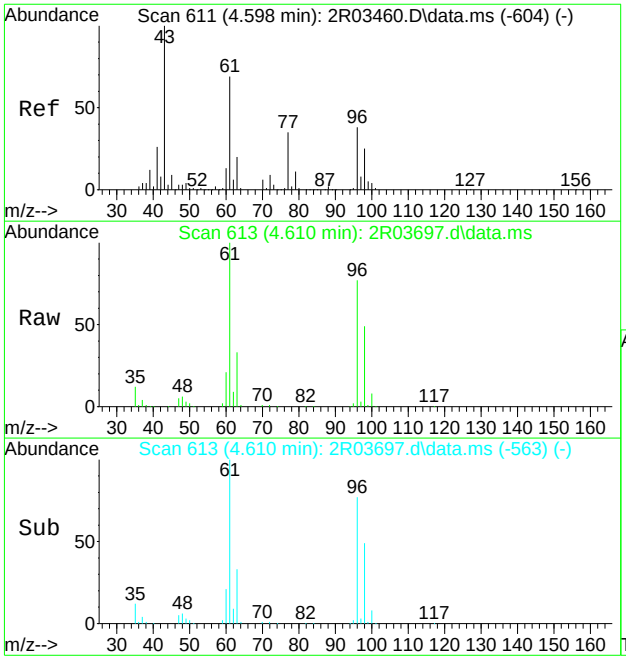
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03697.d
Acq On : 23 May 2023 12:49 pm
Operator : edwardd
Sample : JD65823-10 Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 24 05:20:06 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

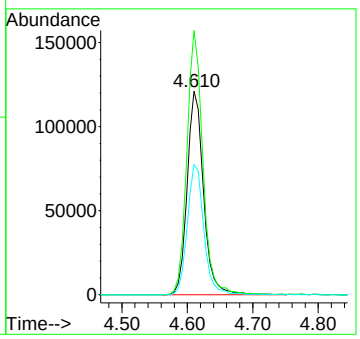


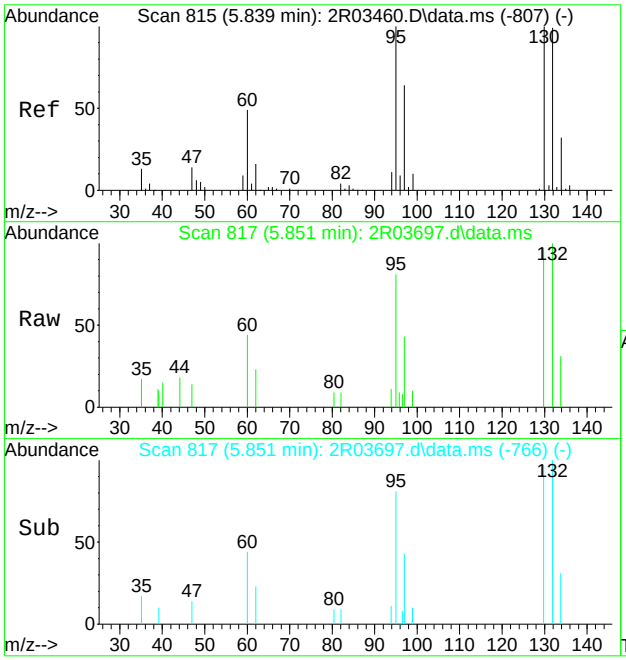


#36
cis-1,2-dichloroethene
Concen: 50.9833 ug/L
RT: 4.610 min Scan# 613
Delta R.T. 0.006 min
Lab File: 2R03697.d
Acq: 23 May 2023 12:49 pm

Tgt Ion: 96 Resp: 211101

Ion	Ratio	Lower	Upper
96	100		
61	129.7	159.0	219.0#
98	63.9	35.2	95.2

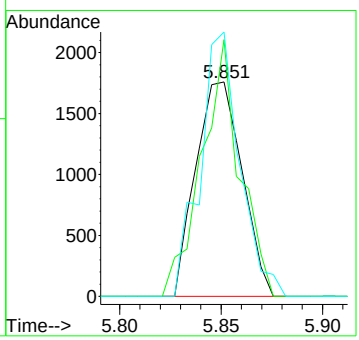


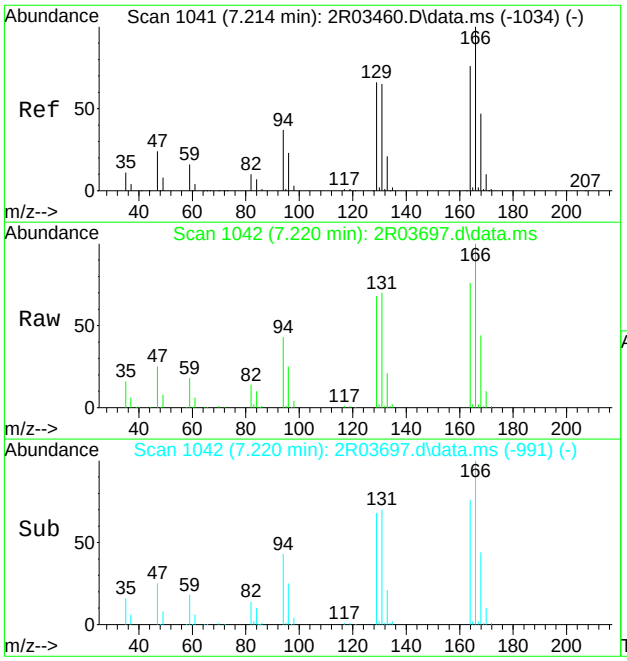


#61
trichloroethene
Concen: 0.6305 ug/L
RT: 5.851 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03697.d
Acq: 23 May 2023 12:49 pm

Tgt Ion: 95 Resp: 2794

Ion	Ratio	Lower	Upper
95	100		
130	119.9	67.3	127.3
132	123.4	67.9	127.9

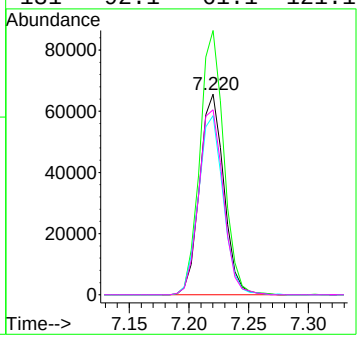




#79
tetrachloroethene
Concen: 24.8666 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03697.d
Acq: 23 May 2023 12:49 pm

Tgt Ion:164 Resp: 92326

Ion	Ratio	Lower	Upper
164	100		
166	131.8	102.2	162.2
129	89.3	63.0	123.0
131	92.1	61.1	121.1



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5307.d
Acq On : 19 May 2023 6:24 pm
Operator : nickw
Sample : jd65823-11 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 22 13:17:46 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

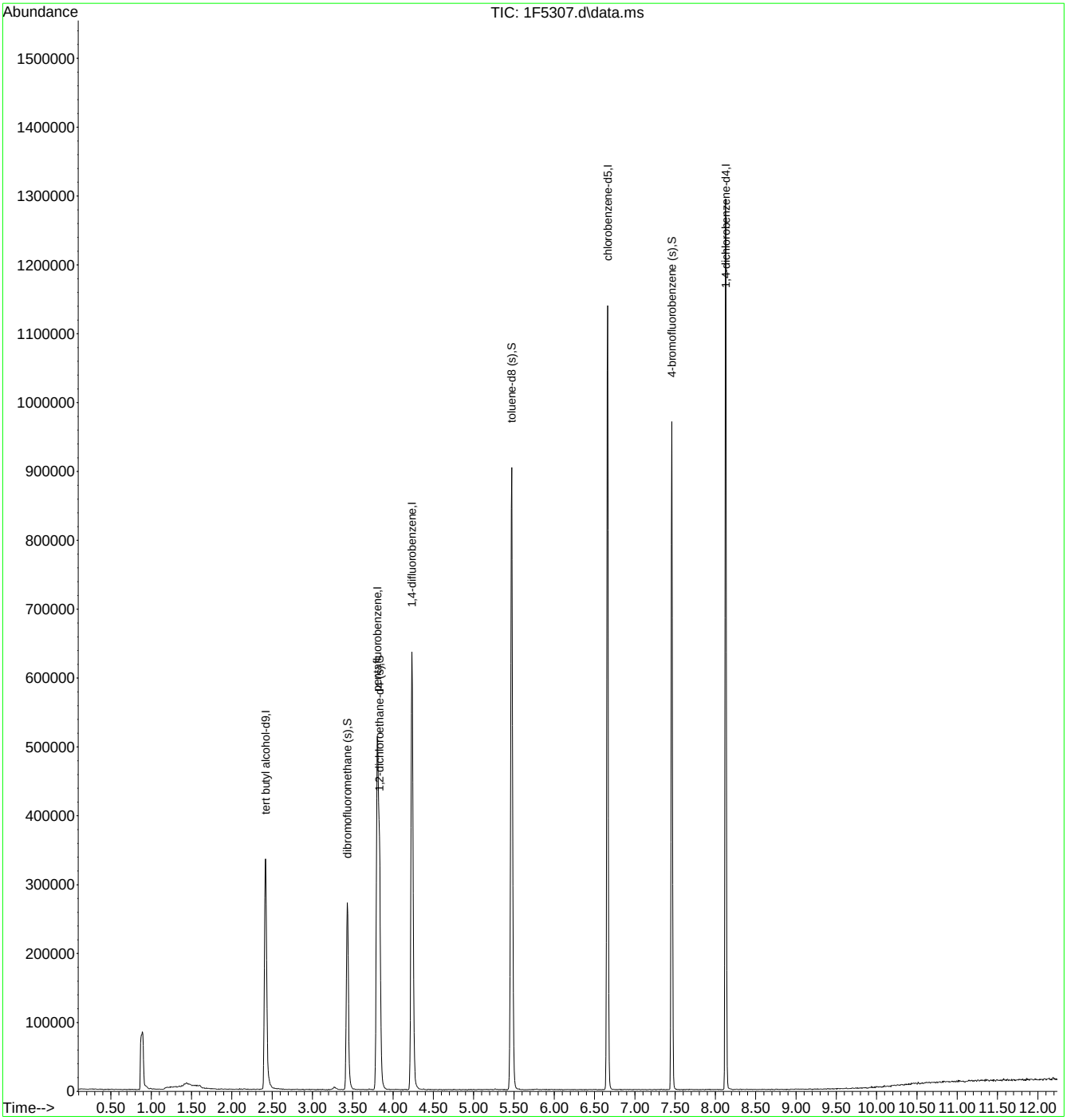
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.421	65	316281	500.00	ug/L	-0.01
5) pentafluorobenzene	3.805	168	334276	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	465193	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	428284	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	213271	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	150273	50.78	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 101.56%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	186532	56.60	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 113.20%			
73) toluene-d8 (s)	5.472	98	529334	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
96) 4-bromofluorobenzene (s)	7.459	95	200807	49.39	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.78%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5307.d
Acq On : 19 May 2023 6:24 pm
Operator : nickw
Sample : jd65823-11 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 22 13:17:46 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5308.d
Acq On : 19 May 2023 6:50 pm
Operator : nickw
Sample : jd65823-12 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 22 13:18:48 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

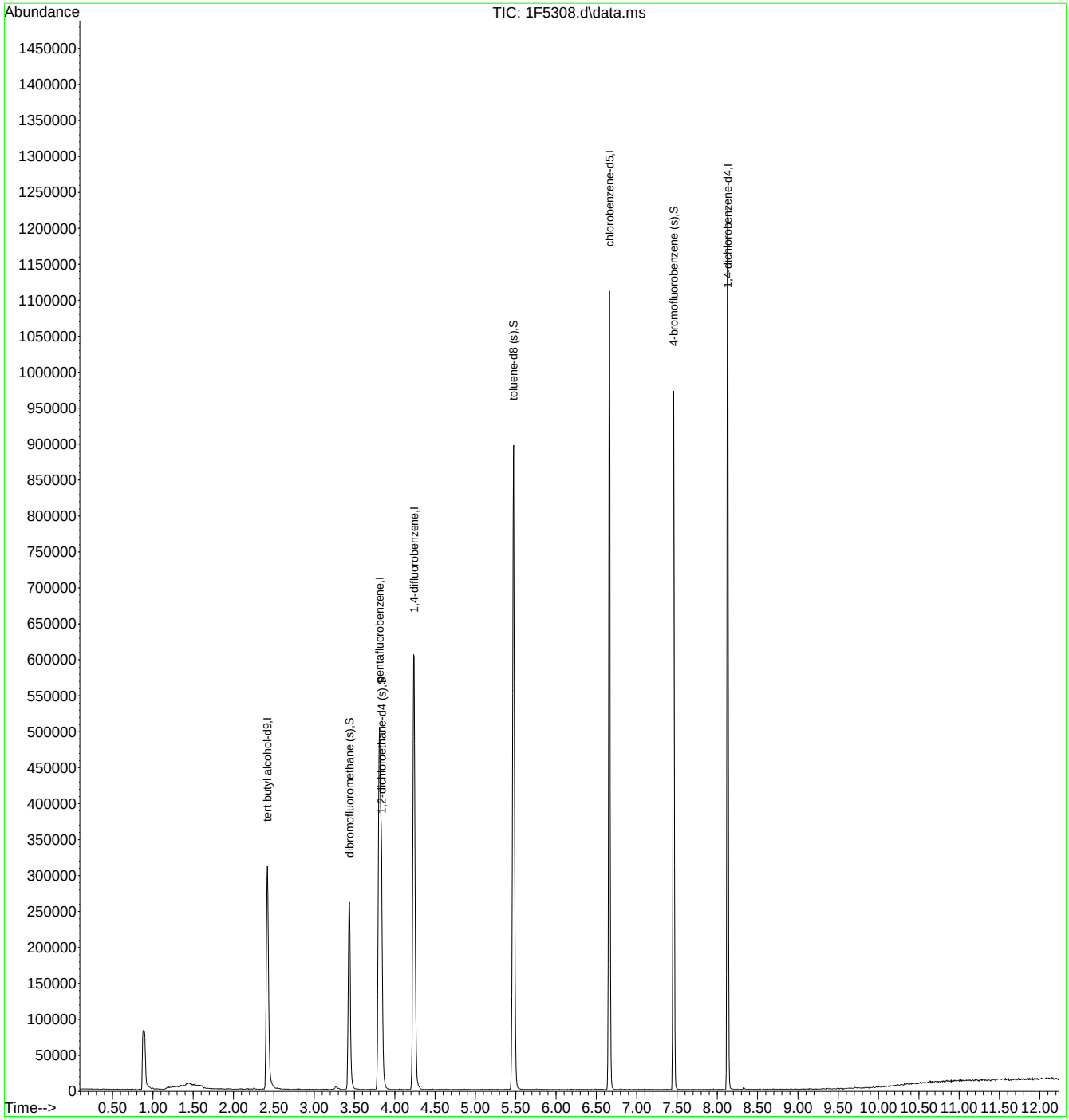
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.421	65	288824	500.00	ug/L	-0.01
5) pentafluorobenzene	3.810	168	326703	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.240	114	455941	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	407754	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	201704	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.438	113	145646	50.36	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.72%			
51) 1,2-dichloroethane-d4 (s)	3.836	65	176226	54.56	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 109.12%			
73) toluene-d8 (s)	5.472	98	520909	49.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.60%			
96) 4-bromofluorobenzene (s)	7.459	95	194033	50.46	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.92%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5308.d
Acq On : 19 May 2023 6:50 pm
Operator : nickw
Sample : jd65823-12 Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 22 13:18:48 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration



Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5293.d
Acq On : 19 May 2023 12:28 pm
Operator : nickw
Sample : mb Inst : GCMS-F
Misc : MS46075,V1F178,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 22 12:40:16 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

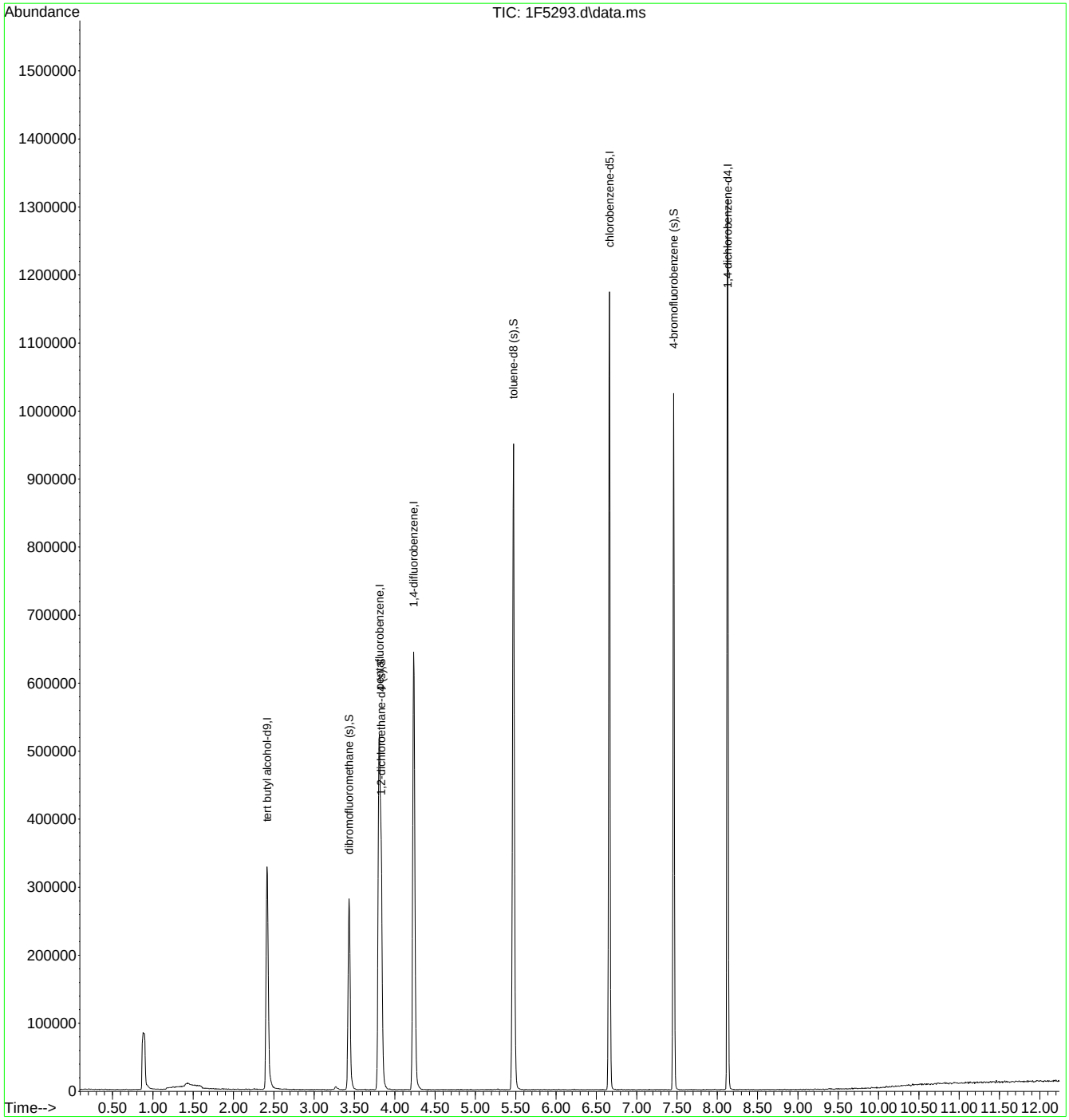
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.415	65	308535	500.00	ug/L	-0.02
5) pentafluorobenzene	3.810	168	337176	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	479183	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	430487	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	209625	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	152465	51.08	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 102.16%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	185571	54.66	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 109.32%			
73) toluene-d8 (s)	5.472	98	546419	49.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.96%			
96) 4-bromofluorobenzene (s)	7.459	95	204100	51.07	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 102.14%			
Target Compounds						Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5293.d
Acq On : 19 May 2023 12:28 pm
Operator : nickw
Sample : mb Inst : GCMS-F
Misc : MS46075,V1F178,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 22 12:40:16 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355922.d
Acq On : 22 May 2023 10:27 am
Operator : louied
Sample : mb Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 10:09:18 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

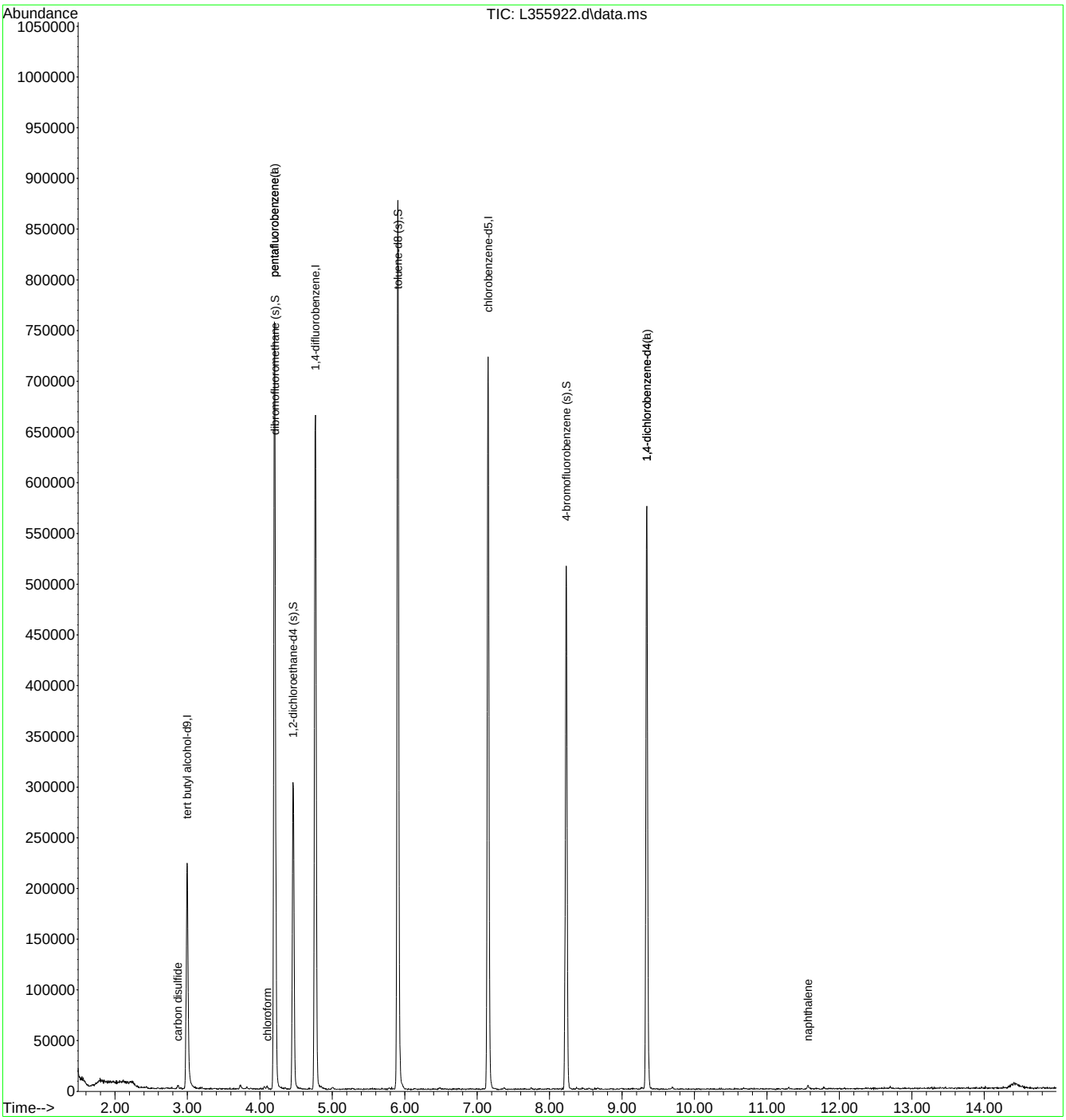
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.995	65	229825	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	307677	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.767	114	442063	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	378073	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.343	152	155395	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	307677	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.343	152	155395	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.212	113	132776	52.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.70%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	167696	53.69	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 107.38%			
73) toluene-d8 (s)	5.906	98	537591	53.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.44%			
96) 4-bromofluorobenzene (s)	8.229	95	189700	52.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.48%			
Target Compounds						Qvalue
22) carbon disulfide	2.867	76	3781	0.3144	ug/L	68
42) chloroform	4.103	83	1938	0.3017	ug/L	98
118) naphthalene	11.563	128	3377	0.4171	ug/L	78

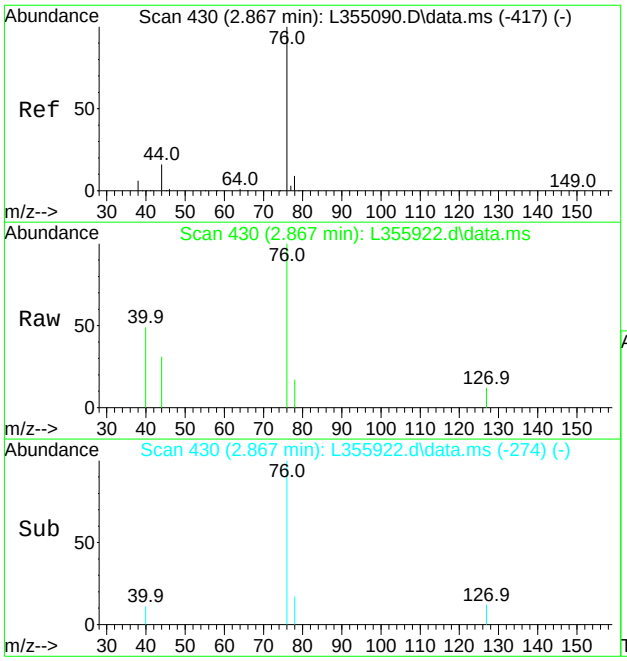
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355922.d
Acq On : 22 May 2023 10:27 am
Operator : louied
Sample : mb Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 10:09:18 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

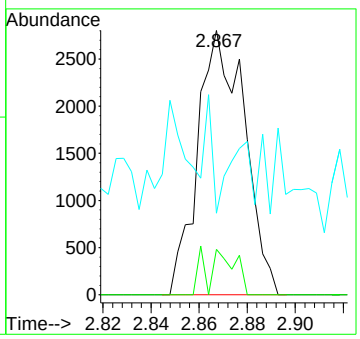


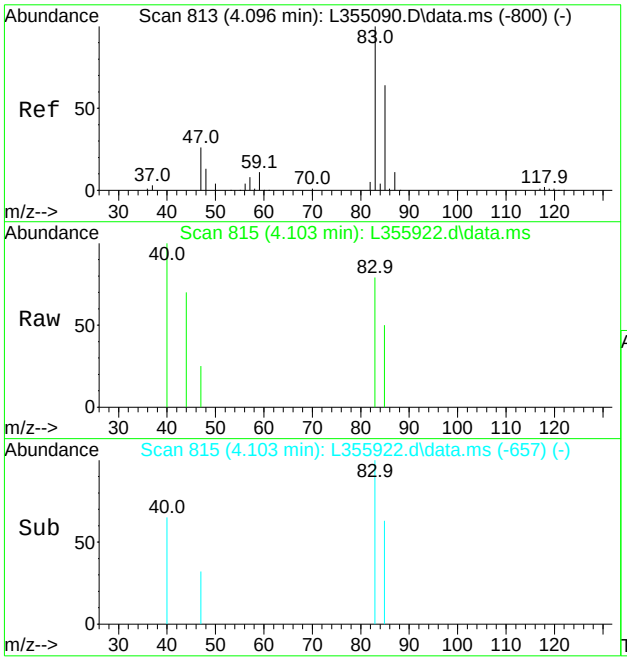


#22
carbon disulfide
Concen: 0.3144 ug/L
RT: 2.867 min Scan# 430
Delta R.T. 0.000 min
Lab File: L355922.d
Acq: 22 May 2023 10:27 am

Tgt Ion: 76 Resp: 3781

Ion	Ratio	Lower	Upper
76	100		
78	17.2	0.0	39.1
44	0.0	0.0	45.8

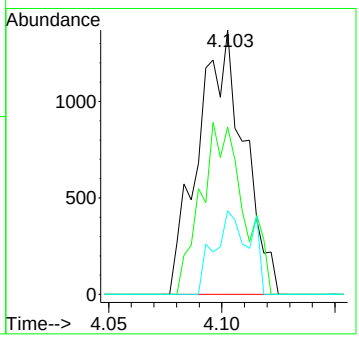


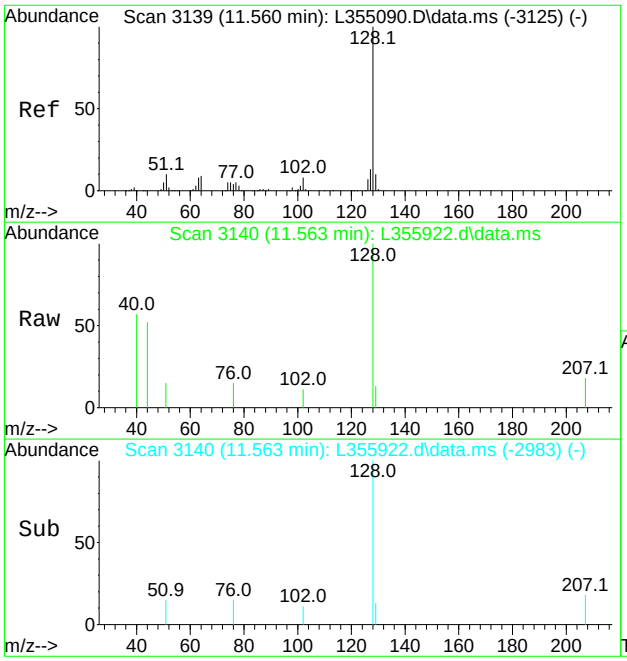


#42
chloroform
Concen: 0.3017 ug/L
RT: 4.103 min Scan# 815
Delta R.T. 0.007 min
Lab File: L355922.d
Acq: 22 May 2023 10:27 am

Tgt Ion: 83 Resp: 1938

Ion	Ratio	Lower	Upper
83	100		
85	63.3	34.3	94.3
47	31.7	0.0	59.3

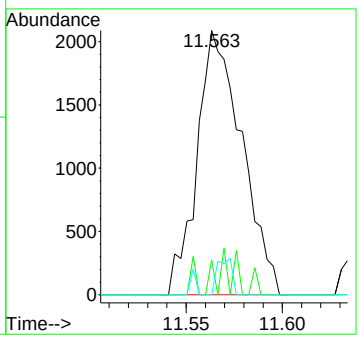




#118
naphthalene
Concen: 0.4171 ug/L
RT: 11.563 min Scan# 3140
Delta R.T. 0.003 min
Lab File: L355922.d
Acq: 22 May 2023 10:27 am

Tgt Ion:128 Resp: 3377

Ion	Ratio	Lower	Upper
128	100		
129	13.2	0.0	40.2
127	0.0	0.0	43.0



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03694.d
Acq On : 23 May 2023 11:30 am
Operator : edwardd
Sample : mb Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 03:51:24 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

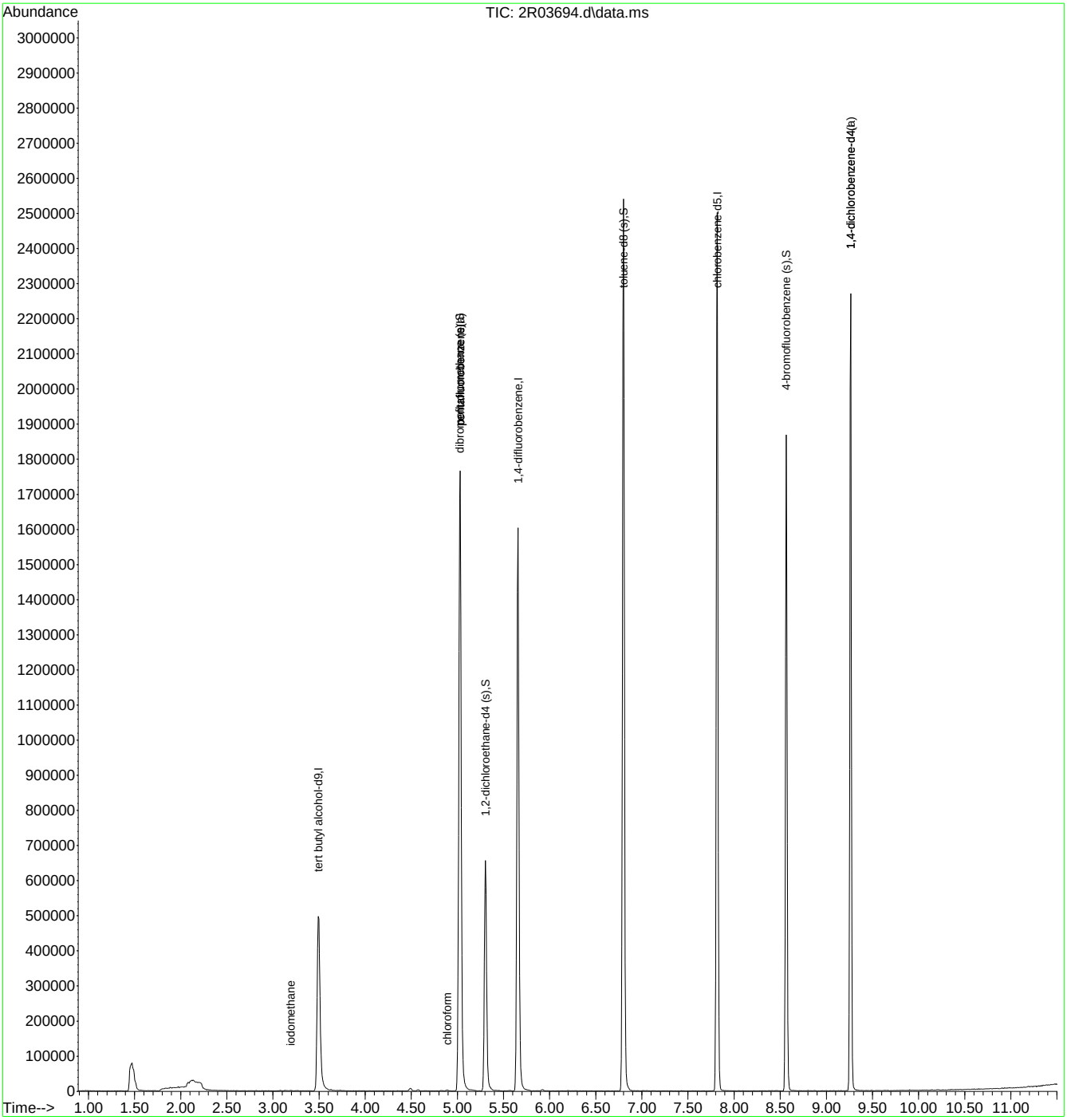
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.491	65	619426	500.00	ug/L	0.01
5) pentafluorobenzene	5.030	168	741979	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.657	114	1140777	50.00	ug/L	0.01
73) chlorobenzene-d5	7.816	117	1057002	50.00	ug/L	0.01
97) 1,4-dichlorobenzene-d4	9.264	152	433275	50.00	ug/L	0.01
125) pentafluorobenzene(a)	5.030	168	741979	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	433275	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.024	113	354005	55.33	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.66%			
53) 1,2-dichloroethane-d4 (s)	5.304	65	394581	47.66	ug/L	0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 95.32%			
74) toluene-d8 (s)	6.801	98	1424896	51.21	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.42%			
98) 4-bromofluorobenzene (s)	8.565	174	382700	52.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.78%			
Target Compounds						Qvalue
20) iodomethane	3.193	142	1132	0.2129	ug/L	70
42) chloroform	4.890	83	1831	0.2091	ug/L	91

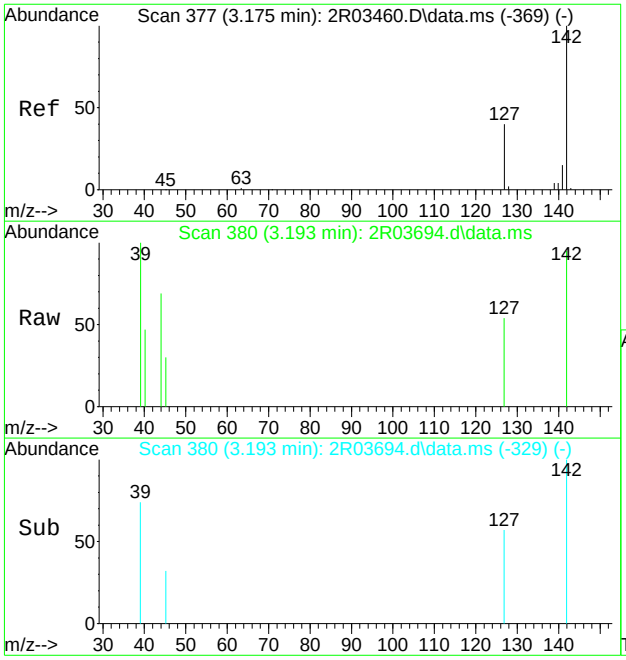
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03694.d
Acq On : 23 May 2023 11:30 am
Operator : edwardd
Sample : mb Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 03:51:24 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

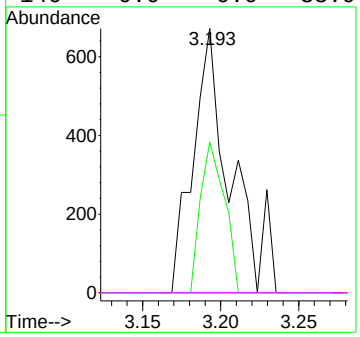


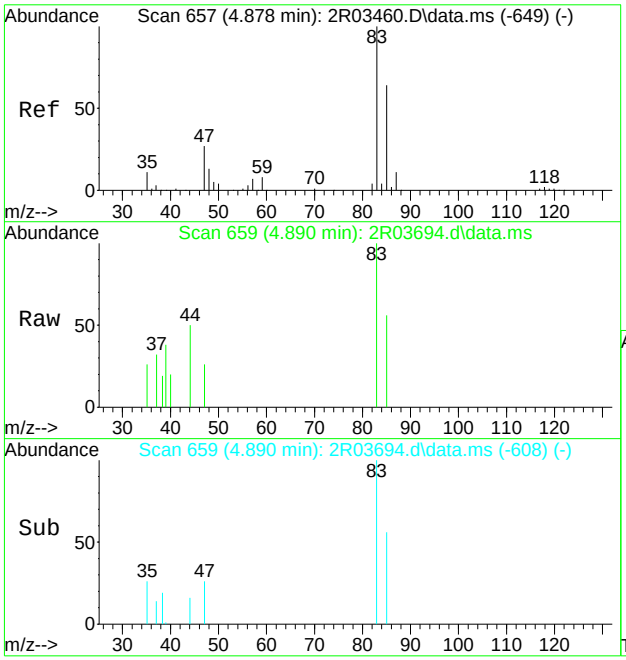


#20
iodomethane
Concen: 0.2129 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03694.d
Acq: 23 May 2023 11:30 am

Tgt Ion:142 Resp: 1132

Ion	Ratio	Lower	Upper
142	100		
127	57.0	8.8	68.8
141	0.0	0.0	43.6
140	0.0	0.0	33.9

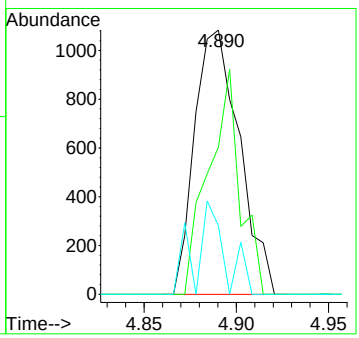




#42
chloroform
Concen: 0.2091 ug/L
RT: 4.890 min Scan# 659
Delta R.T. 0.012 min
Lab File: 2R03694.d
Acq: 23 May 2023 11:30 am

Tgt Ion: 83 Resp: 1831

Ion	Ratio	Lower	Upper
83	100		
85	55.6	34.0	94.0
47	25.9	0.0	59.2



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5291.d
Acq On : 19 May 2023 11:38 am
Operator : nickw
Sample : bs Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 12:35:06 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.421	65	314941	500.00	ug/L	-0.01
5) pentafluorobenzene	3.810	168	354888	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.240	114	485845	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	449404	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	225369	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.438	113	151747	48.30	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 96.60%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	183262	53.24	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 106.48%			
73) toluene-d8 (s)	5.472	98	557960	48.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.80%			
96) 4-bromofluorobenzene (s)	7.459	95	210628	49.02	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.04%			
Target Compounds						Qvalue
3) tertiary butyl alcohol	2.473	59	247973	260.9679	ug/L	86
4) 1,4-dioxane	4.895	88	68814	1003.6055	ug/L	90
6) chlorodifluoromethane	1.037	51	195017	44.2697	ug/L	93
7) dichlorodifluoromethane	1.000	85	186784	54.4378	ug/L	97
8) chloromethane	1.136	50	221037	63.6870	ug/L	99
9) vinyl chloride	1.173	62	181203	57.6123	ug/L	99
10) 1,3-butadiene	1.183	39	163195	46.4562	ug/L	97
11) bromomethane	1.377	96	61217	58.8806	ug/L #	97
12) chloroethane	1.451	64	76524	44.6101	ug/L	92
13) trichlorofluoromethane	1.535	101	209374	51.6083	ug/L	99
14) ethyl ether	1.739	74	71188	46.8887	ug/L	85
15) acrolein	2.064	56	59784	72.2476	ug/L	100
16) freon 113	1.881	151	97514	46.6130	ug/L	94
17) 1,1-dichloroethene	1.849	61	172492	50.6391	ug/L	95
18) acetone	2.253	58	143015	241.3359	ug/L #	79
19) acetonitrile	2.547	41	464782	545.9140	ug/L	99
20) iodomethane	1.938	142	113503	60.3796	ug/L	98
21) carbon disulfide	1.865	76	295724	41.2527	ug/L	96
22) methylene chloride	2.221	84	112950	46.8168	ug/L	84
23) methyl acetate	2.337	74	37221	48.3278	ug/L #	57
24) methyl tert butyl ether	2.400	73	406014	51.2176	ug/L	89
25) trans-1,2-dichloroethene	2.321	61	183623	51.3586	ug/L	92
26) hexane	2.379	57	326613	52.8542	ug/L	93
27) di-isopropyl ether	2.657	45	583401	57.4728	ug/L	97
28) ethyl tert-butyl ether	2.903	59	492293	54.0870	ug/L	97
29) 2-butanone	3.522	72	144153	216.1713	ug/L #	59
30) 1,1-dichloroethane	2.725	63	245144	51.5455	ug/L	97
31) chloroprene	2.714	53	243317	53.8273	ug/L	94
32) acrylonitrile	2.756	52	102395	59.5748	ug/L	97
33) vinyl acetate	2.903	86	30570	83.1516	ug/L #	62
34) ethyl acetate	3.396	70	29270	49.9839	ug/L #	85
35) 2,2-dichloropropane	3.176	77	199293	54.6406	ug/L	96
36) cis-1,2-dichloroethene	3.102	96	122484	47.2475	ug/L	96
37) propionitrile	3.742	54	526760	557.1705	ug/L	99
38) methyl acrylate	3.401	85	32198	48.5083	ug/L #	65
39) bromochloromethane	3.244	128	63434	47.7878	ug/L	94
40) tetrahydrofuran	3.412	71	37400	49.3011	ug/L #	75
41) chloroform	3.301	47	80472	52.5321	ug/L	95
43) methacrylonitrile	3.763	67	88540	48.5491	ug/L #	63
44) 1,1,1-trichloroethane	3.448	97	203328	50.8401	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5291.d
Acq On : 19 May 2023 11:38 am
Operator : nickw
Sample : bs Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 12:35:06 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	3.244	84	185523	52.7633	ug/L	#	80
46) 1,1-dichloropropene	3.543	75	168041	49.6255	ug/L		99
47) carbon tetrachloride	3.401	117	185187	50.2097	ug/L		99
48) isobutyl alcohol	3.931	43	188657	540.9518	ug/L		96
49) tert-amyl alcohol	4.004	55	97407	267.1578	ug/L	#	88
52) iso-octane	3.632	57	529380	57.3933	ug/L		94
53) benzene	3.731	78	468031	48.2257	ug/L		90
54) tert-amyl methyl ether	3.836	73	403594	50.6132	ug/L		94
55) heptane	3.721	57	103933	59.7826	ug/L		91
56) isopropyl acetate	4.114	87	41666	51.3586	ug/L	#	62
57) 1,2-dichloroethane	3.889	62	222731	52.7062	ug/L		98
58) n-butyl alcohol	4.523	56	628795	2631.9232	ug/L		97
59) ethyl acrylate	4.696	55	317954	58.2886	ug/L		97
60) trichloroethene	4.203	130	137150	46.9894	ug/L		97
62) 2-chloroethyl vinyl ether	5.262	63	553157	265.9020	ug/L		97
63) methyl methacrylate	4.880	100	47665	54.1588	ug/L	#	76
64) 1,2-dichloropropane	4.644	63	144789	52.7206	ug/L		98
65) methylcyclohexane	4.193	55	215864	54.4630	ug/L		88
66) dibromomethane	4.555	93	89502	48.5214	ug/L		99
67) bromodichloromethane	4.712	83	189179	52.3735	ug/L		100
69) cis-1,3-dichloropropene	5.299	75	225836	52.4703	ug/L		91
70) 4-methyl-2-pentanone	5.850	58	467415	240.0515	ug/L		94
71) 3-methyl-1-butanol	5.713	70	198120	1027.7888	ug/L		79
74) toluene	5.519	92	319327	48.7312	ug/L		99
75) ethyl methacrylate	6.028	69	195799	51.6969	ug/L		89
76) trans-1,3-dichloropropene	5.876	75	220840	51.2962	ug/L		99
77) 1,1,2-trichloroethane	5.996	83	106901	48.1005	ug/L		88
78) tetrachloroethene	5.839	166	148470	47.9086	ug/L		99
79) 2-hexanone	6.484	58	521687	235.4352	ug/L		93
80) 1,3-dichloropropane	6.201	76	211138	49.2032	ug/L		99
81) butyl acetate	6.437	56	158480	59.0753	ug/L		97
82) dibromochloromethane	6.128	129	155078	50.9614	ug/L		99
83) 1,2-dibromoethane	6.290	107	138629	47.1847	ug/L		99
84) n-butyl ether	6.652	57	670012	55.2468	ug/L		98
85) chlorobenzene	6.673	112	379898	48.4605	ug/L		95
86) 1,1,1,2-tetrachloroethane	6.725	131	141458	52.1979	ug/L		96
87) ethylbenzene	6.704	91	637293	49.8694	ug/L		98
88) m,p-xylene	6.809	106	483693	101.4961	ug/L		99
89) o-xylene	7.087	106	232107	49.0662	ug/L		99
90) styrene	7.124	104	396727	51.7148	ug/L		99
91) bromoform	7.129	173	124822	54.2561	ug/L		97
92) butyl acrylate	7.223	55	401617	58.6270	ug/L		97
93) isopropylbenzene	7.291	105	619241	51.2626	ug/L		98
94) cis-1,4-dichloro-2-butene	7.506	88	100475	59.8714	ug/L		95
97) bromobenzene	7.517	156	167267	50.1702	ug/L		90
98) 1,1,2,2-tetrachloroethane	7.596	83	216867	52.8456	ug/L		99
99) trans-1,4-dichloro-2-b...	7.700	53	111971	74.7348	ug/L		86
100) 1,2,3-trichloropropane	7.669	110	70762	51.4863	ug/L		98
101) n-propylbenzene	7.548	91	752577	50.6887	ug/L		99
102) 2-chlorotoluene	7.638	126	151251	49.7336	ug/L		98
103) 4-chlorotoluene	7.737	91	462549	50.1084	ug/L		99
104) 1,3,5-trimethylbenzene	7.674	105	534045	51.3660	ug/L		99
105) tert-butylbenzene	7.858	119	445212	49.7646	ug/L		93
106) 1,2,4-trimethylbenzene	7.905	105	557410	51.4392	ug/L		99
107) sec-butylbenzene	7.968	105	653558	51.1286	ug/L		100
108) 1,3-dichlorobenzene	8.083	146	321612	50.8032	ug/L		97
109) p-isopropyltoluene	8.052	119	571277	52.1298	ug/L		99
110) 1,4-dichlorobenzene	8.136	146	308371	48.6202	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5291.d
Acq On : 19 May 2023 11:38 am
Operator : nickw
Sample : bs Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 12:35:06 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

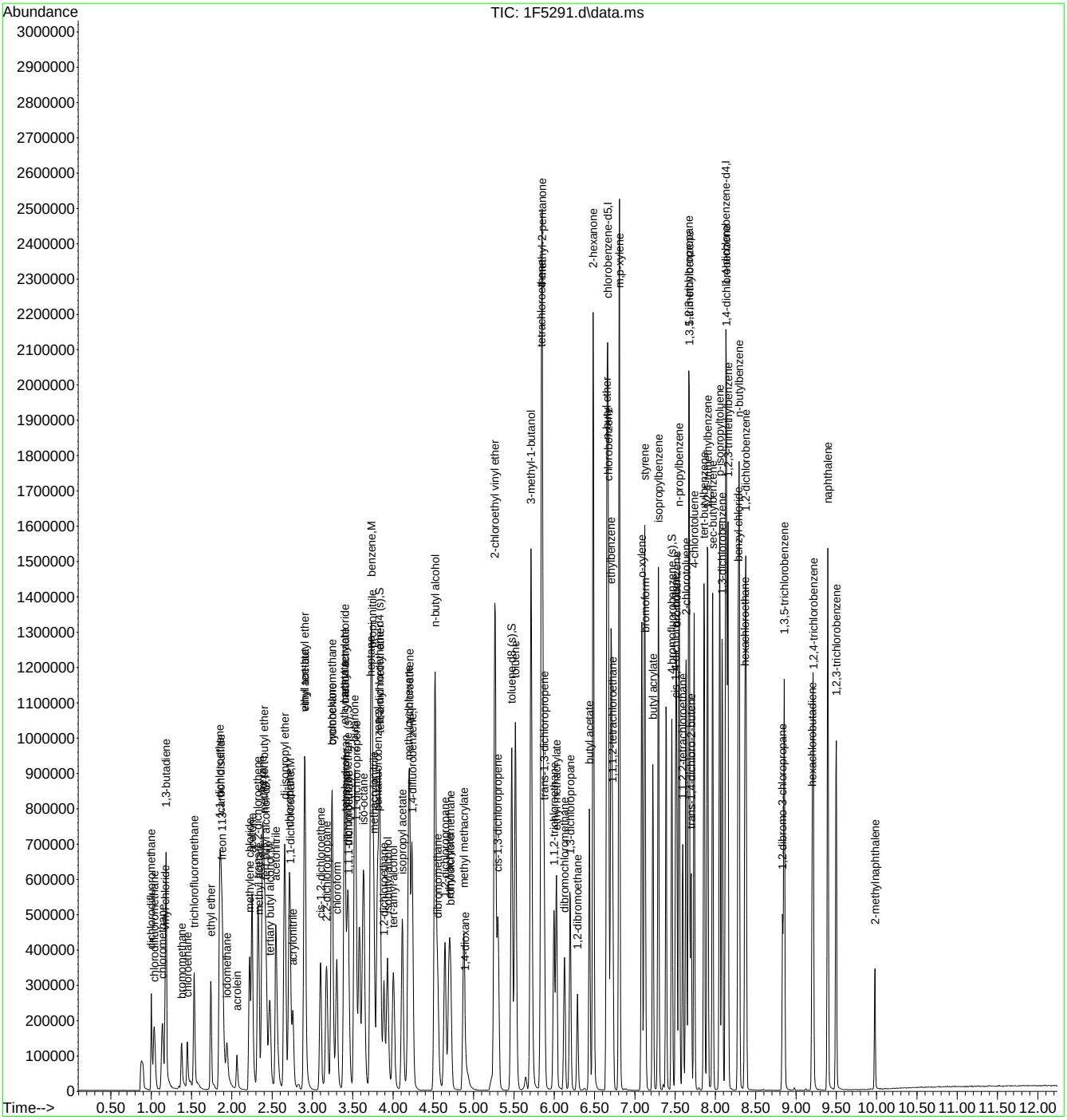
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,2-dichlorobenzene	8.377	146	313261	50.4942	ug/L	98
112) 1,2,3-trimethylbenzene	8.157	105	558121	49.4696	ug/L	98
113) n-butylbenzene	8.293	92	310171	54.7198	ug/L #	81
114) 1,2-dibromo-3-chloropr...	8.833	157	78311	51.5791	ug/L	88
115) 1,3,5-trichlorobenzene	8.854	180	231599	52.0878	ug/L	98
116) 1,2,4-trichlorobenzene	9.216	180	205466	52.4443	ug/L	99
117) hexachlorobutadiene	9.200	225	81230	55.4755	ug/L	96
118) naphthalene	9.394	128	649258	52.4400	ug/L	99
119) 1,2,3-trichlorobenzene	9.499	180	194646	52.2922	ug/L	96
120) hexachloroethane	8.366	119	96180	58.5465	ug/L	97
121) benzyl chloride	8.282	126	99692	64.0168	ug/L	96
122) 2-methylnaphthalene	9.981	142	101499	20.5543	ug/L	94

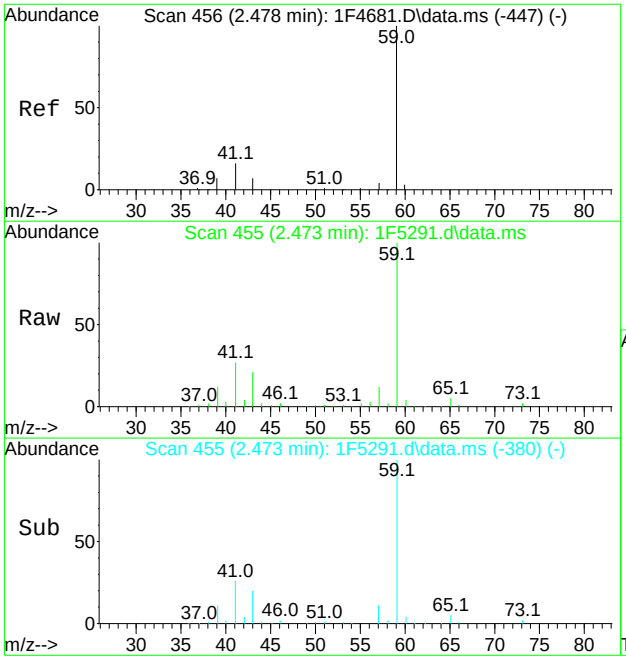
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5291.d
Acq On : 19 May 2023 11:38 am
Operator : nickw
Sample : bs Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 12:35:06 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

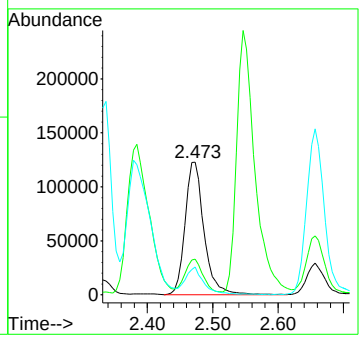


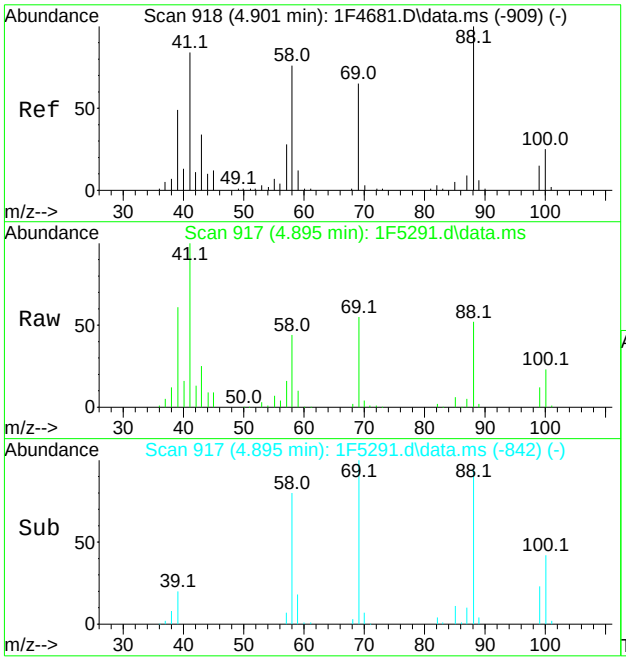


#3
tertiary butyl alcohol
Concen: 260.9679 ug/L
RT: 2.473 min Scan# 455
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 59 Resp: 247973

Ion	Ratio	Lower	Upper
59	100		
41	22.2	0.0	45.9
43	20.4	0.0	45.3

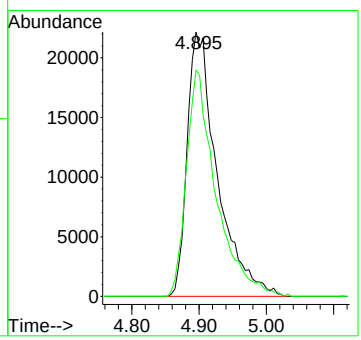


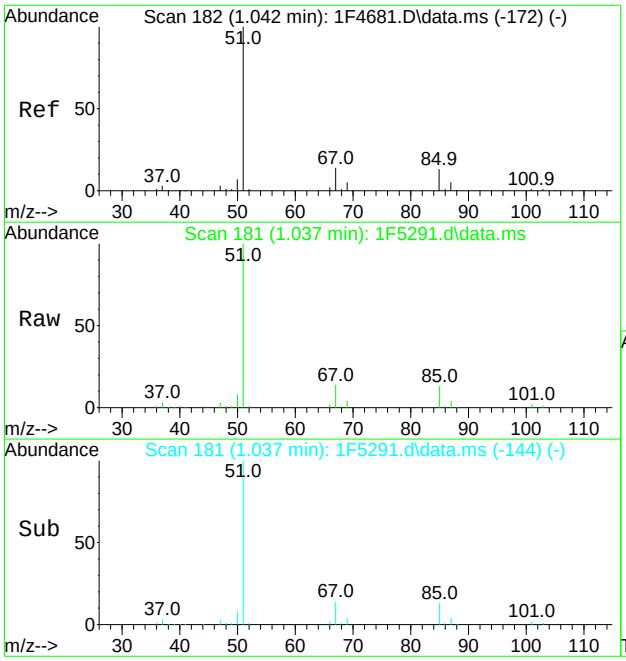


#4
1,4-dioxane
Concen: 1003.6055 ug/L
RT: 4.895 min Scan# 917
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 88 Resp: 68814

Ion	Ratio	Lower	Upper
88	100		
58	85.7	56.9	96.9

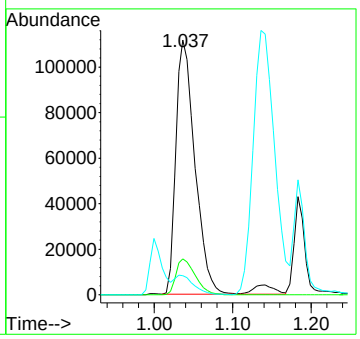


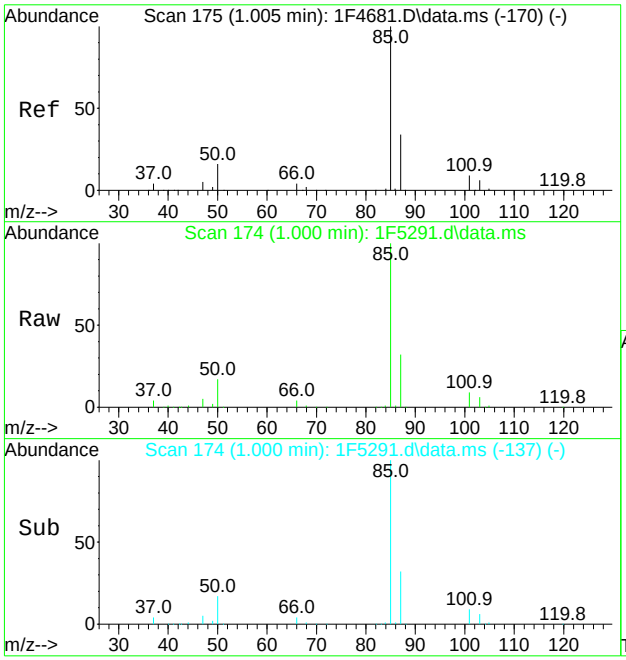


#6
chlorodifluoromethane
Concen: 44.2697 ug/L
RT: 1.037 min Scan# 181
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 51 Resp: 195017

Ion	Ratio	Lower	Upper
51	100		
67	14.1	0.0	44.0
50	0.0	0.0	37.2

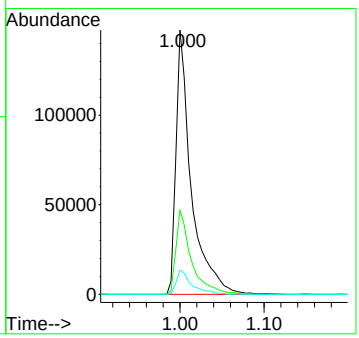


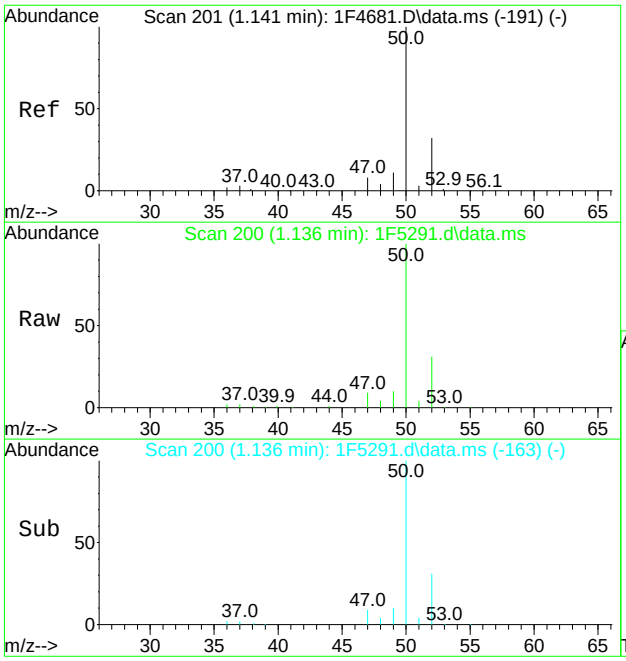


#7
dichlorodifluoromethane
Concen: 54.4378 ug/L
RT: 1.000 min Scan# 174
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 85 Resp: 186784

Ion	Ratio	Lower	Upper
85	100		
87	32.0	3.9	63.9
101	9.3	0.0	39.4

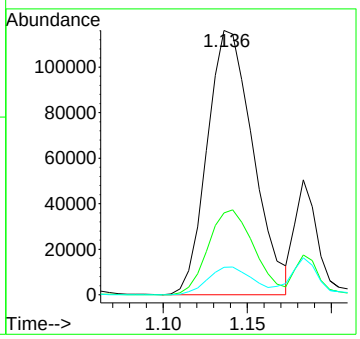


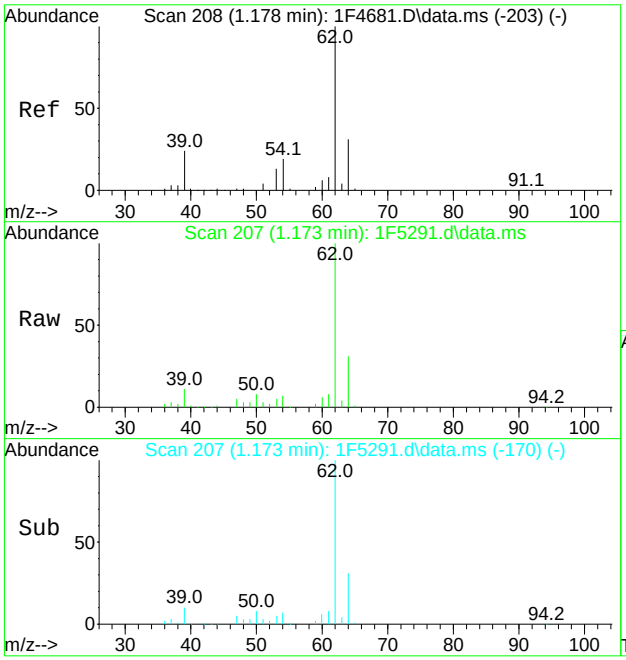


#8
chloromethane
Concen: 63.6870 ug/L
RT: 1.136 min Scan# 200
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 50 Resp: 221037

Ion	Ratio	Lower	Upper
50	100		
52	31.0	1.9	61.9
49	10.4	0.0	40.6

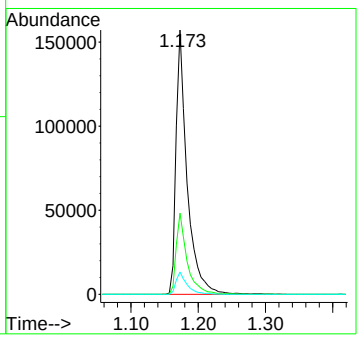


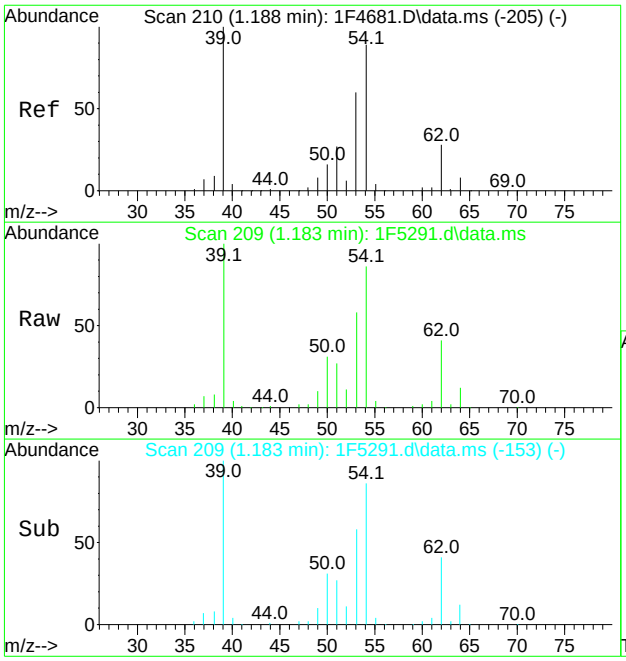


#9
vinyl chloride
Concen: 57.6123 ug/L
RT: 1.173 min Scan# 207
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 62 Resp: 181203

Ion	Ratio	Lower	Upper
62	100		
64	30.7	1.4	61.4
61	8.5	0.0	38.3

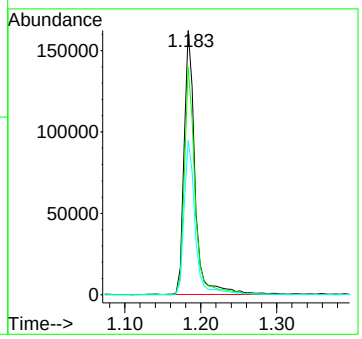


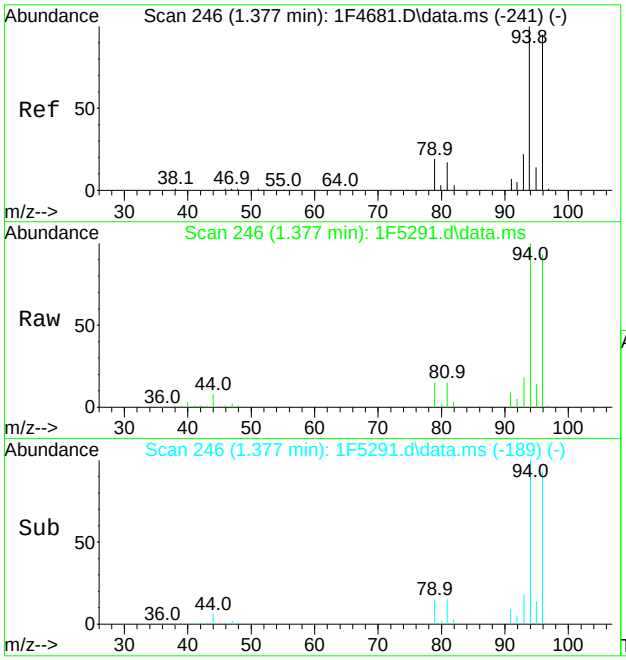


#10
1,3-butadiene
Concen: 46.4562 ug/L
RT: 1.183 min Scan# 209
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 39 Resp: 163195

Ion	Ratio	Lower	Upper
39	100		
54	86.3	58.6	118.6
53	58.3	30.5	90.5

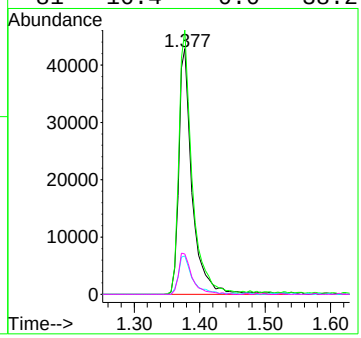


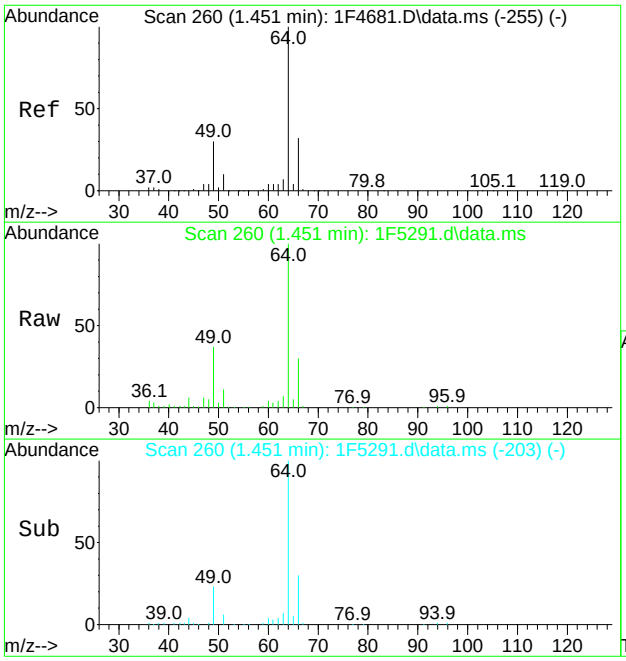


#11
bromomethane
Concen: 58.8806 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 96 Resp: 61217

Ion	Ratio	Lower	Upper
96	100		
94	107.6	75.6	135.6
79	15.6	20.0	20.0#
81	16.4	0.0	38.2

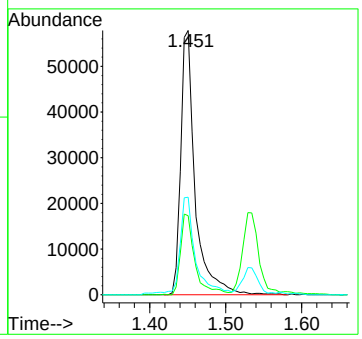


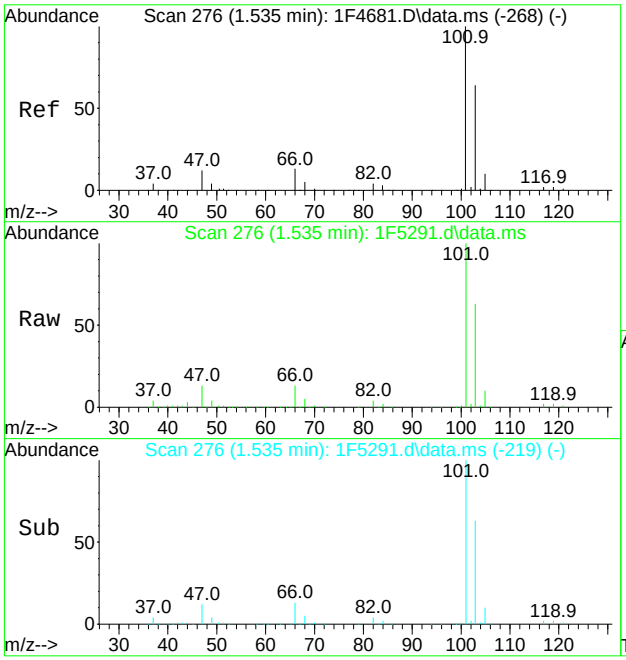


#12
chloroethane
Concen: 44.6101 ug/L
RT: 1.451 min Scan# 260
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 64 Resp: 76524

Ion	Ratio	Lower	Upper
64	100		
66	29.6	1.9	61.9
49	36.5	0.0	60.0

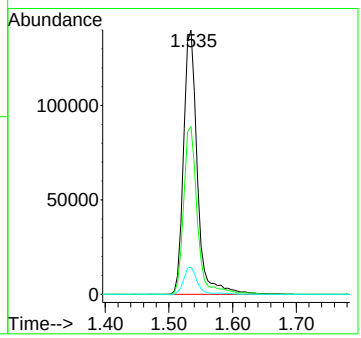


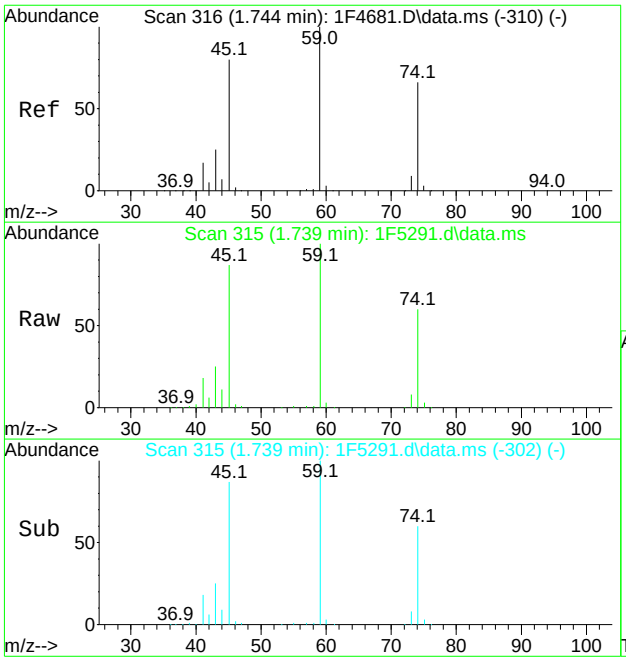


#13
trichlorofluoromethane
Concen: 51.6083 ug/L
RT: 1.535 min Scan# 276
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:101 Resp: 209374

Ion	Ratio	Lower	Upper
101	100		
103	63.5	34.3	94.3
105	10.3	0.0	40.3

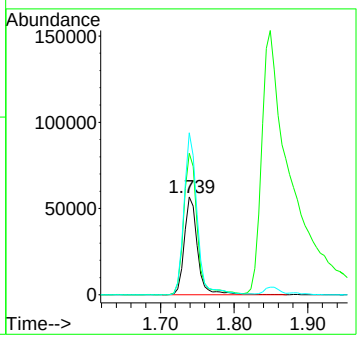


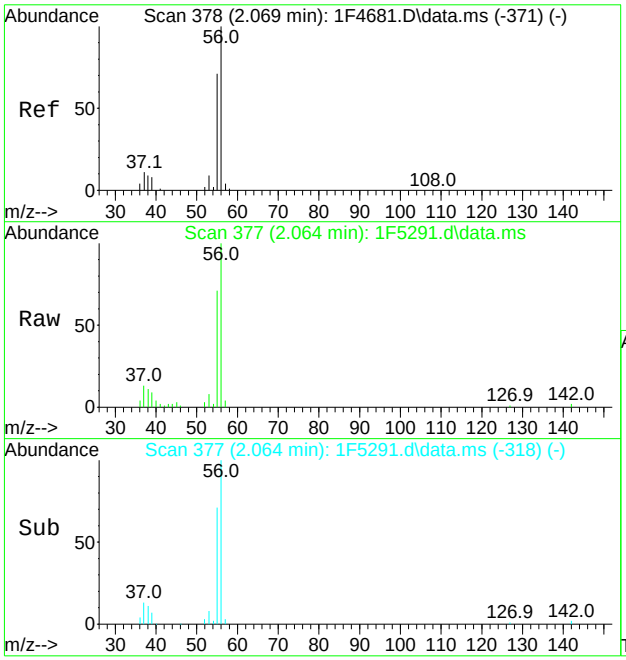


#14
ethyl ether
Concen: 46.8887 ug/L
RT: 1.739 min Scan# 315
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 74 Resp: 71188

Ion	Ratio	Lower	Upper
74	100		
45	144.5	91.3	151.3
59	165.6	122.4	182.4

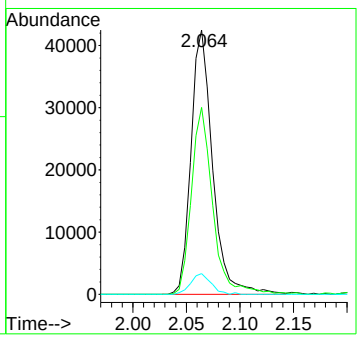


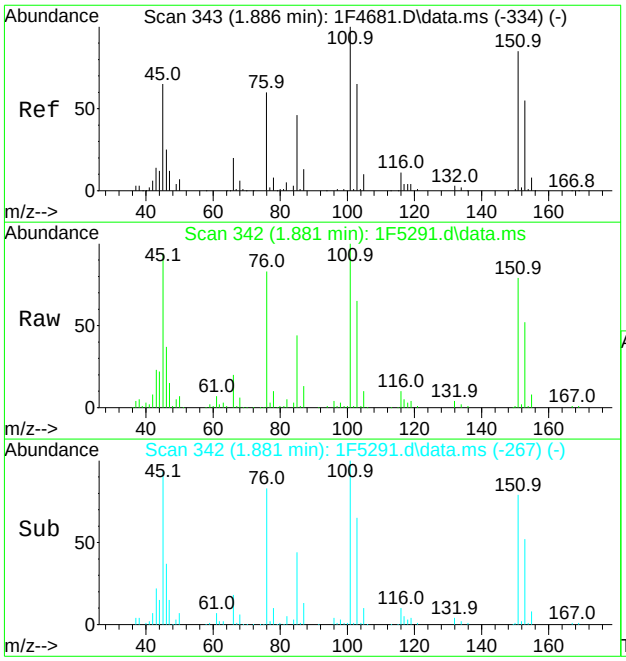


#15
acrolein
Concen: 72.2476 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 56 Resp: 59784

Ion	Ratio	Lower	Upper
56	100		
55	70.7	40.8	100.8
53	7.9	0.0	38.6

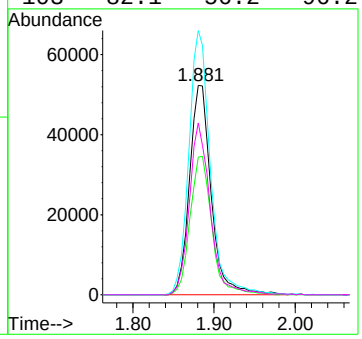


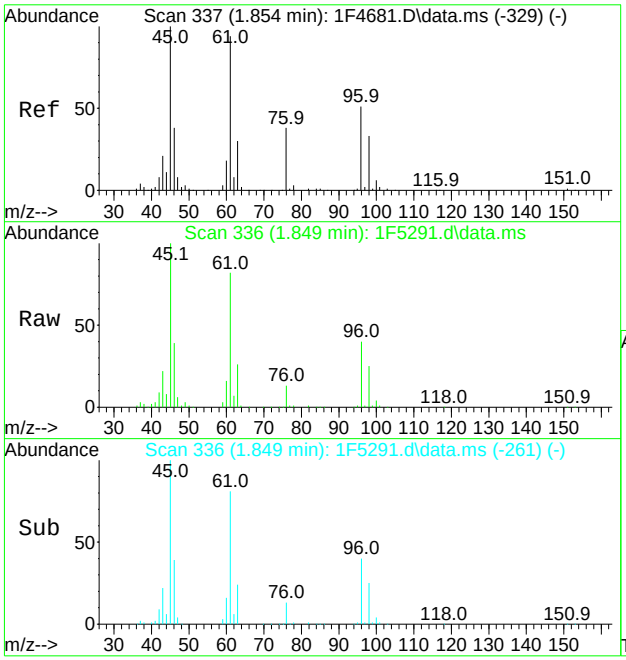


#16
freon 113
Concen: 46.6130 ug/L
RT: 1.881 min Scan# 342
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:151 Resp: 97514

Ion	Ratio	Lower	Upper
151	100		
153	65.8	44.8	84.8
101	126.4	97.8	137.8
103	82.1	56.2	96.2

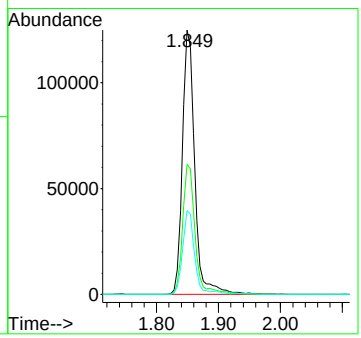


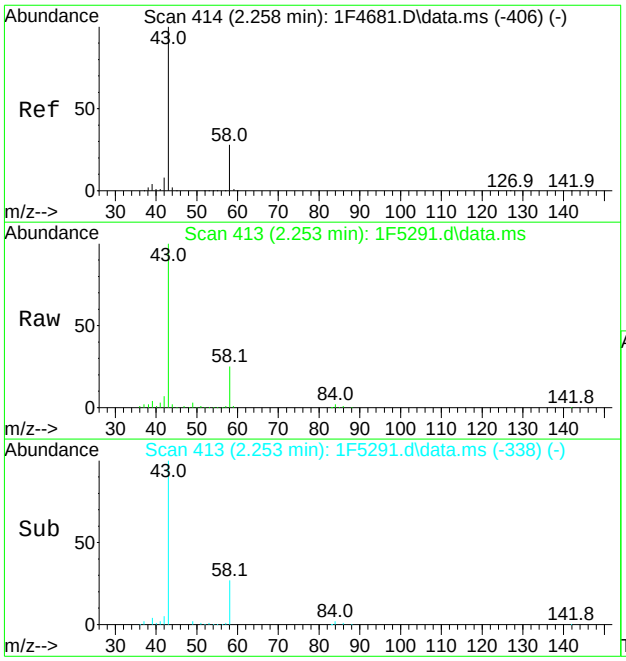


#17
1,1-dichloroethene
Concen: 50.6391 ug/L
RT: 1.849 min Scan# 336
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 61 Resp: 172492

Ion	Ratio	Lower	Upper
61	100		
96	49.2	24.6	84.6
63	31.7	2.0	62.0

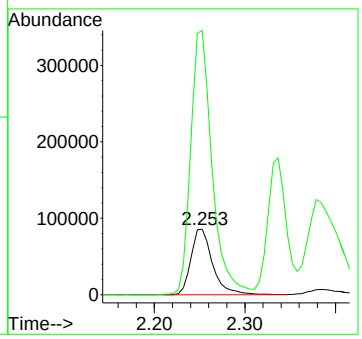


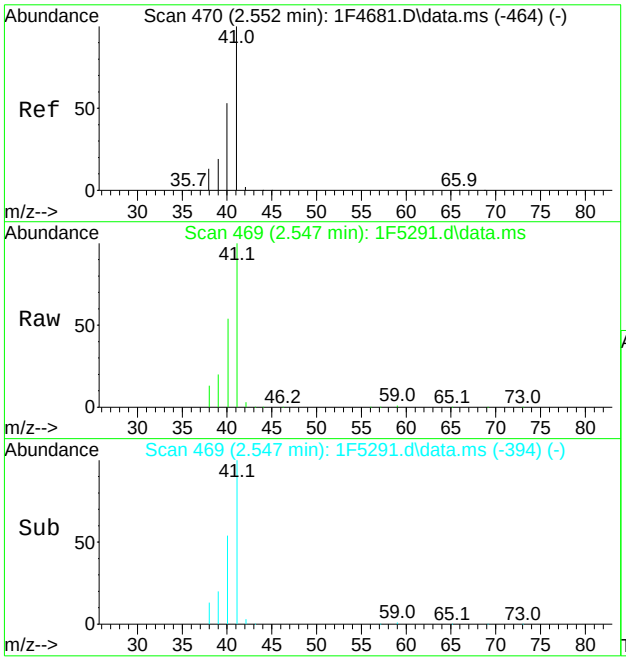


#18
acetone
Concen: 241.3359 ug/L
RT: 2.253 min Scan# 413
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 58 Resp: 143015

Ion	Ratio	Lower	Upper
58	100		
43	402.8	326.8	386.8#

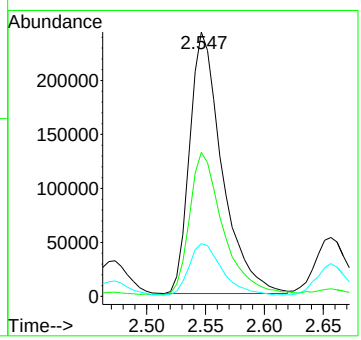


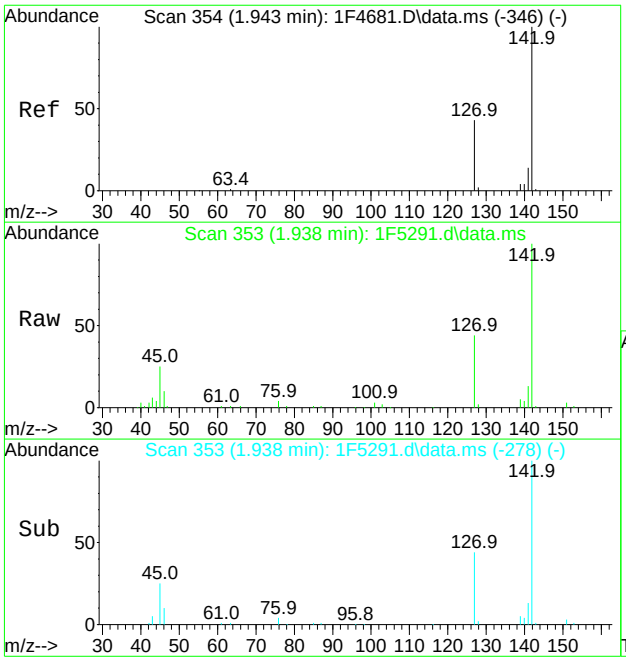


#19
acetonitrile
Concen: 545.9140 ug/L
RT: 2.547 min Scan# 469
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 41 Resp: 464782

Ion	Ratio	Lower	Upper
41	100		
40	54.3	23.1	83.1
39	19.7	0.0	49.3

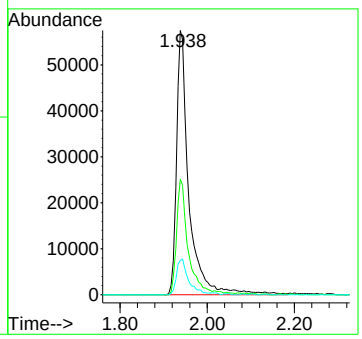


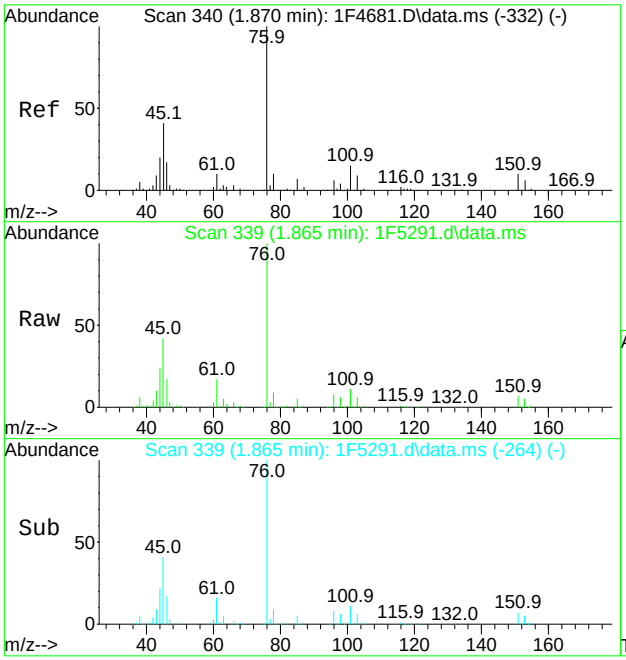


#20
iodomethane
Concen: 60.3796 ug/L
RT: 1.938 min Scan# 353
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:142 Resp: 113503

Ion	Ratio	Lower	Upper
142	100		
127	43.8	12.9	72.9
141	12.9	0.0	44.2

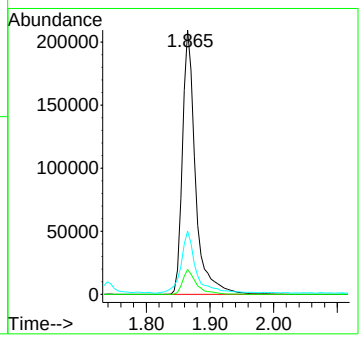


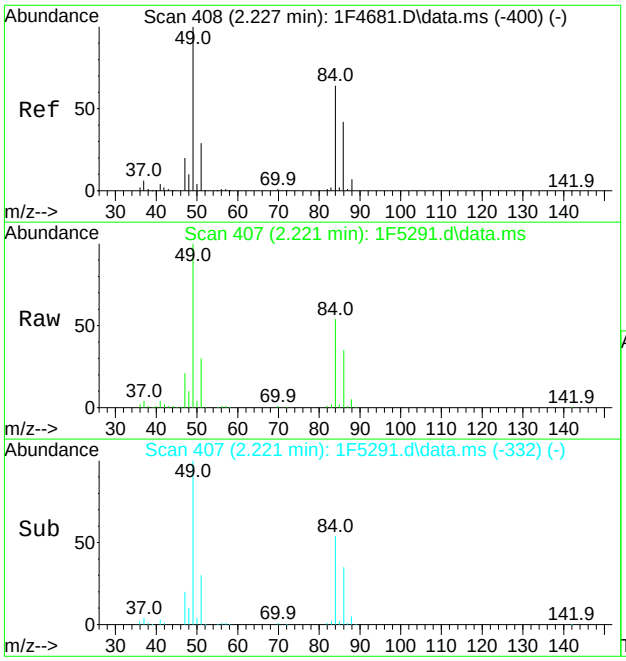


#21
carbon disulfide
Concen: 41.2527 ug/L
RT: 1.865 min Scan# 339
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 76 Resp: 295724

Ion	Ratio	Lower	Upper
76	100		
78	9.5	0.0	39.7
44	23.3	0.0	50.4

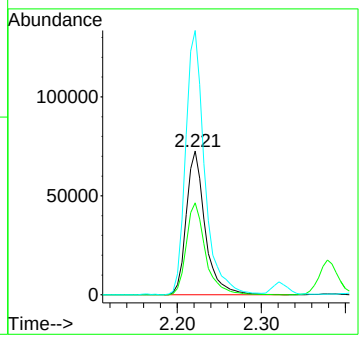


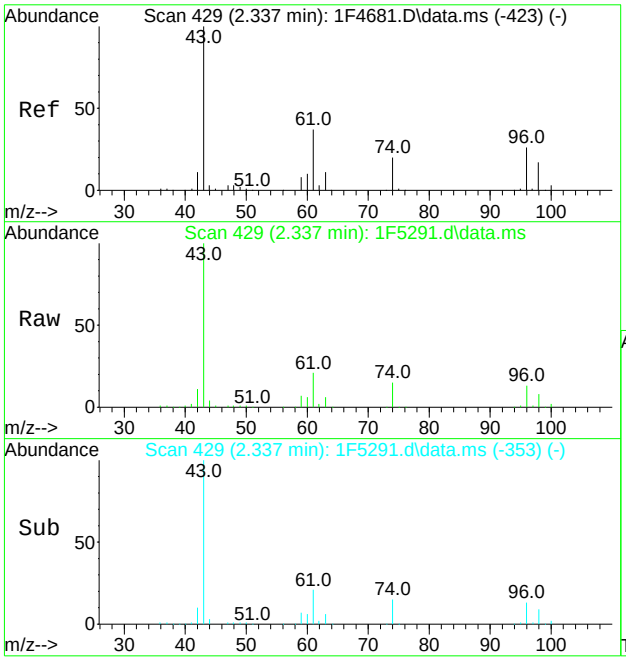


#22
methylene chloride
Concen: 46.8168 ug/L
RT: 2.221 min Scan# 407
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 84 Resp: 112950

Ion	Ratio	Lower	Upper
84	100		
86	63.9	36.6	96.6
49	183.8	126.8	186.8

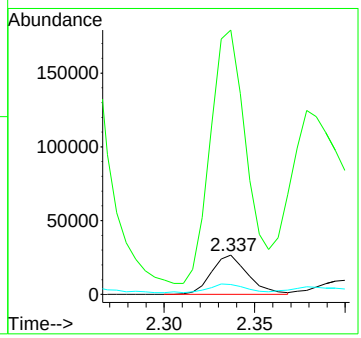


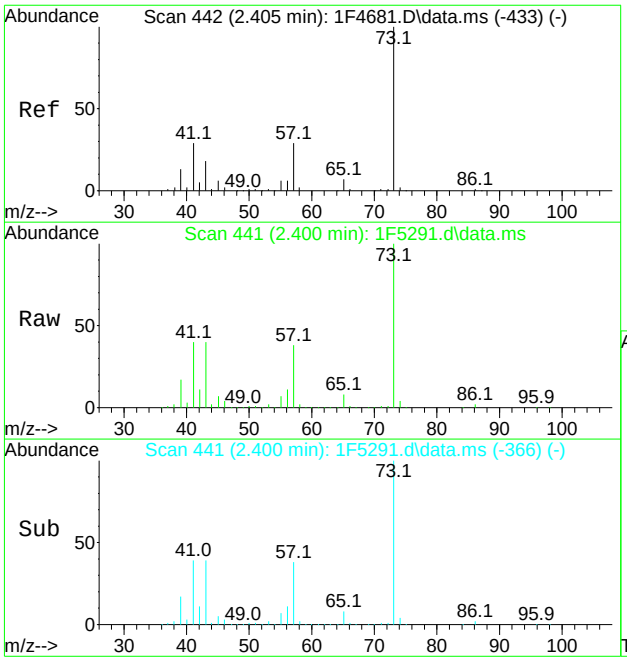


#23
methyl acetate
Concen: 48.3278 ug/L
RT: 2.337 min Scan# 429
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 74 Resp: 37221

Ion	Ratio	Lower	Upper
74	100		
43	634.4	481.9	541.9#
44	20.9	0.0	47.1

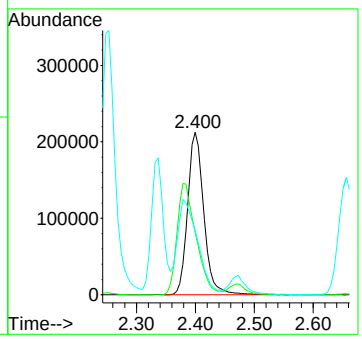


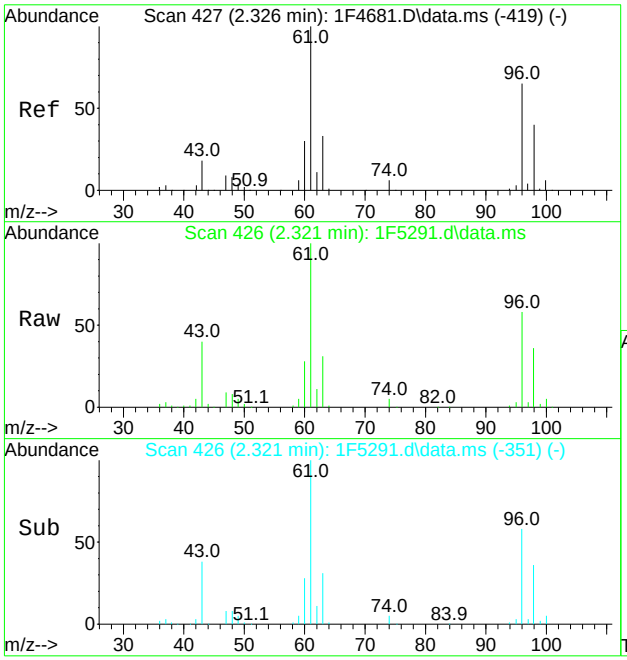


#24
methyl tert butyl ether
Concen: 51.2176 ug/L
RT: 2.400 min Scan# 441
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 73 Resp: 406014

Ion	Ratio	Lower	Upper
73	100		
57	38.3	2.6	62.6
43	39.3	2.1	62.1

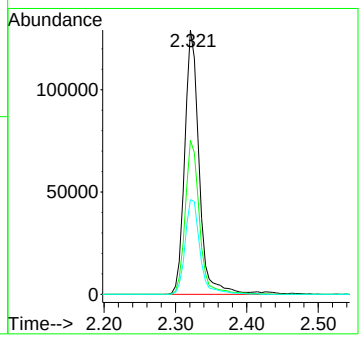


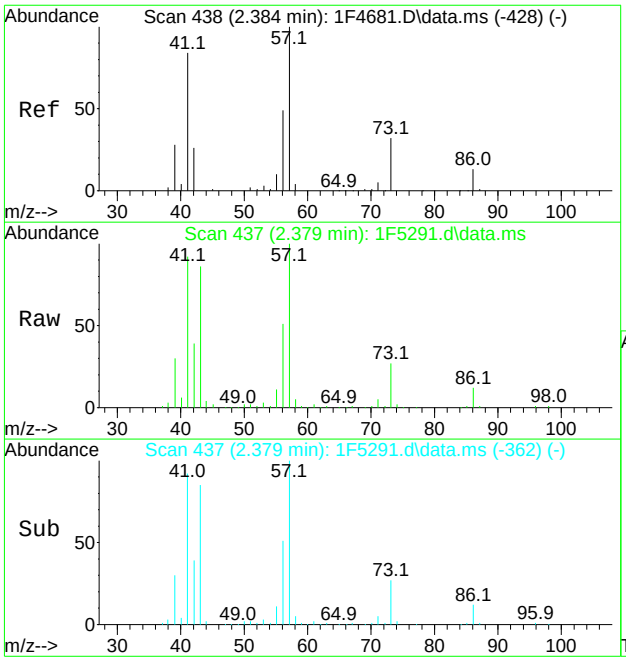


#25
trans-1,2-dichloroethene
Concen: 51.3586 ug/L
RT: 2.321 min Scan# 426
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 61 Resp: 183623

Ion	Ratio	Lower	Upper
61	100		
96	58.4	34.9	94.9
98	35.8	10.2	70.2

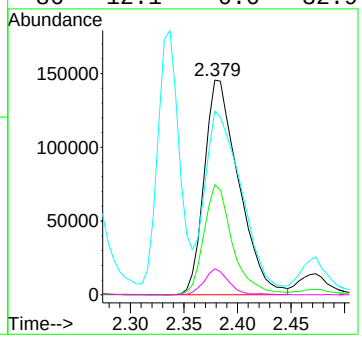


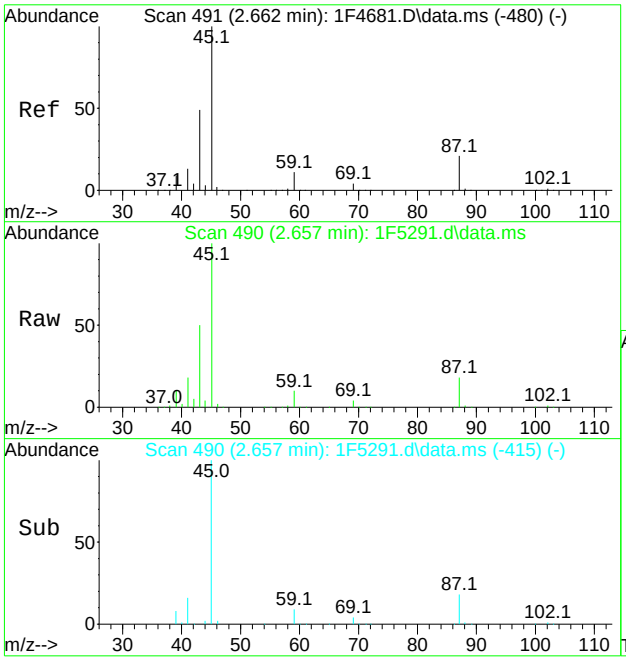


#26
hexane
Concen: 52.8542 ug/L
RT: 2.379 min Scan# 437
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 57 Resp: 326613

Ion	Ratio	Lower	Upper
57	100		
56	51.3	29.1	69.1
43	81.5	52.7	92.7
86	12.1	0.0	32.9

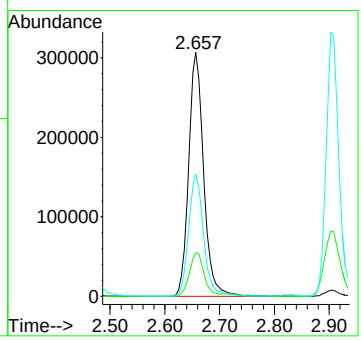


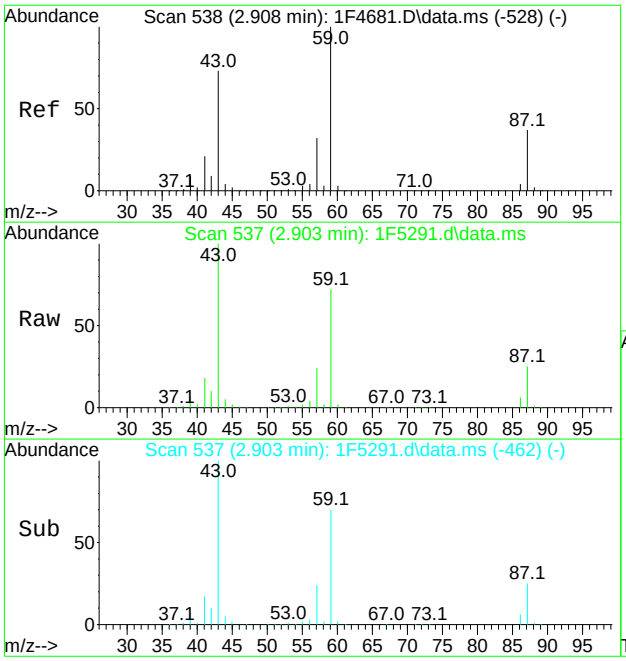


#27
di-isopropyl ether
Concen: 57.4728 ug/L
RT: 2.657 min Scan# 490
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 45 Resp: 583401

Ion	Ratio	Lower	Upper
45	100		
87	17.8	0.0	51.0
43	49.9	19.4	79.4

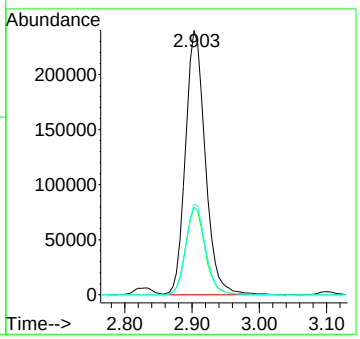


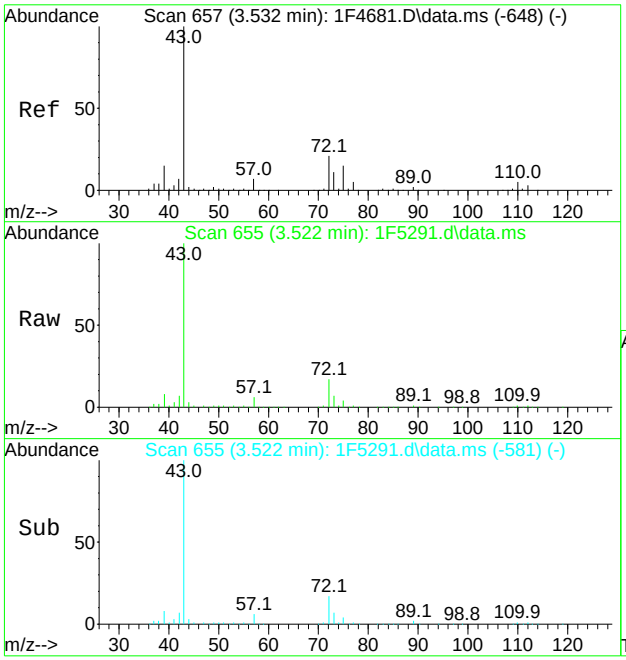


#28
ethyl tert-butyl ether
Concen: 54.0870 ug/L
RT: 2.903 min Scan# 537
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 59 Resp: 492293

Ion	Ratio	Lower	Upper
59	100		
57	33.1	2.3	62.3
87	34.2	6.5	66.5

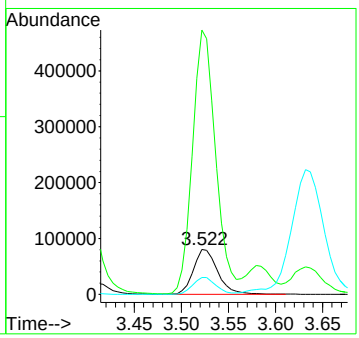


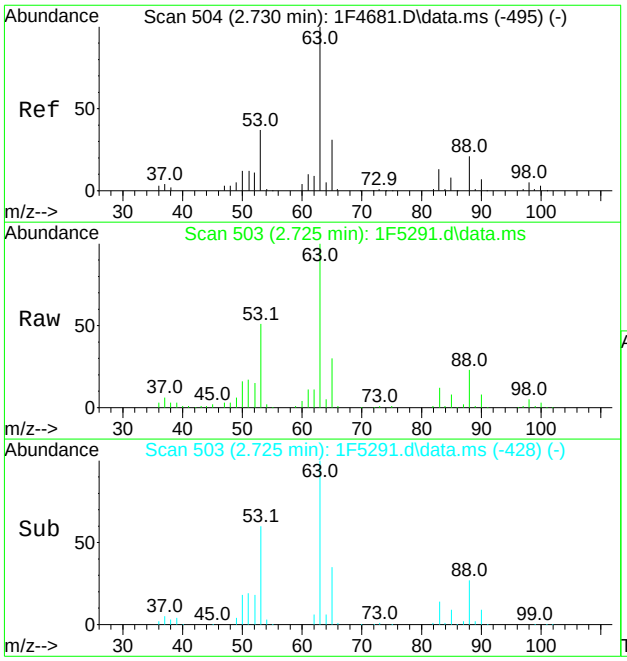


#29
2-butanone
Concen: 216.1713 ug/L
RT: 3.522 min Scan# 655
Delta R.T. -0.010 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 72 Resp: 144153

Ion	Ratio	Lower	Upper
72	100		
43	588.4	443.2	503.2#
57	37.8	2.9	62.9

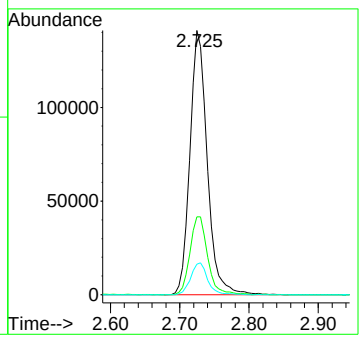


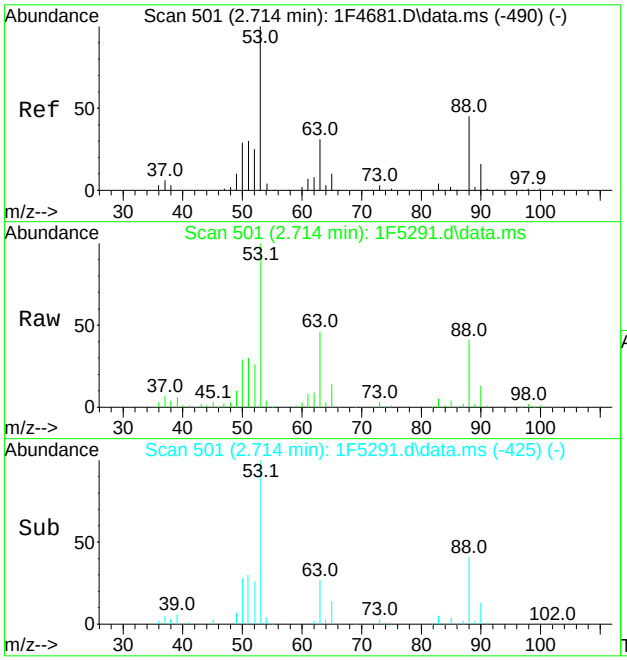


#30
1,1-dichloroethane
Concen: 51.5455 ug/L
RT: 2.725 min Scan# 503
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 63 Resp: 245144

Ion	Ratio	Lower	Upper
63	100		
65	29.5	1.5	61.5
83	11.6	0.0	42.7

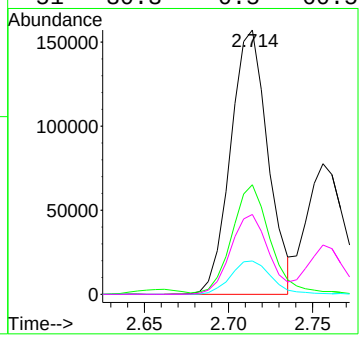


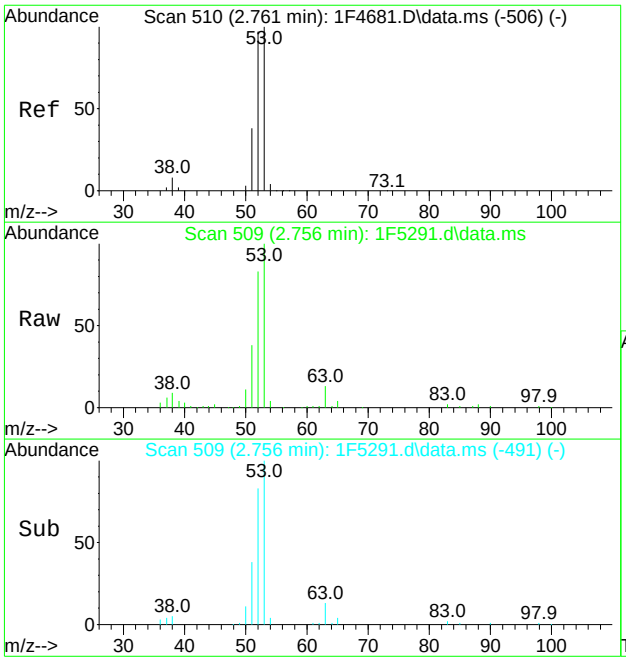


#31
chloroprene
Concen: 53.8273 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 53 Resp: 243317

Ion	Ratio	Lower	Upper
53	100		
88	39.6	15.2	75.2
90	12.7	0.0	46.1
51	30.3	0.5	60.5

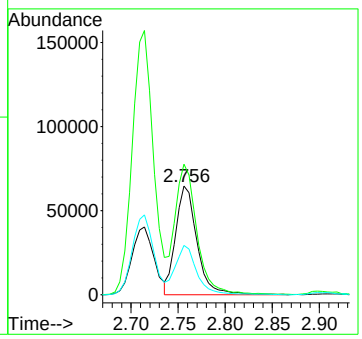


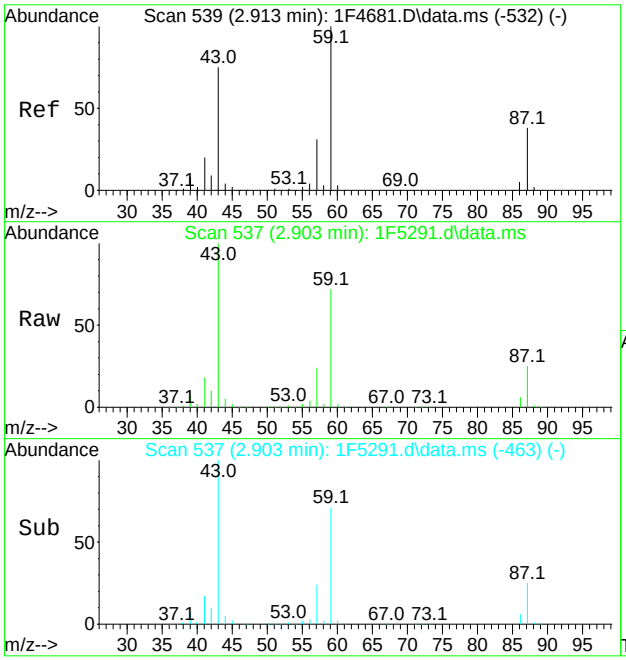


#32
acrylonitrile
Concen: 59.5748 ug/L
RT: 2.756 min Scan# 509
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 52 Resp: 102395

Ion	Ratio	Lower	Upper
52	100		
53	119.5	93.9	153.9
51	45.5	14.3	74.3

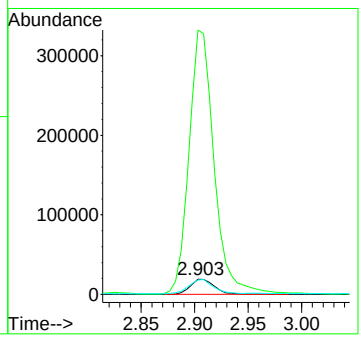


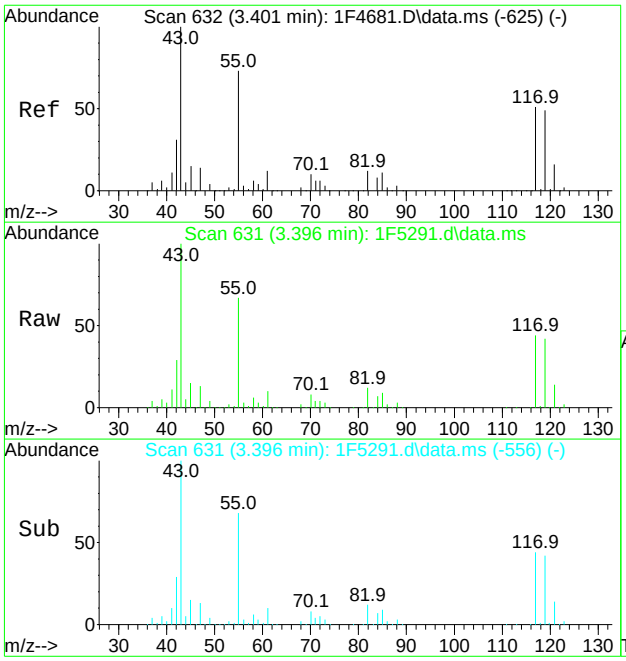


#33
vinyl acetate
Concen: 83.1516 ug/L
RT: 2.903 min Scan# 537
Delta R.T. -0.010 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 86 Resp: 30570

Ion	Ratio	Lower	Upper
86	100		
43	1744.0	1480.6	1540.6#
44	89.5	46.0	106.0

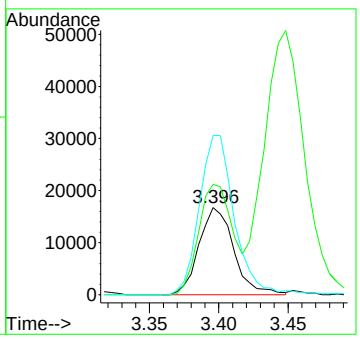


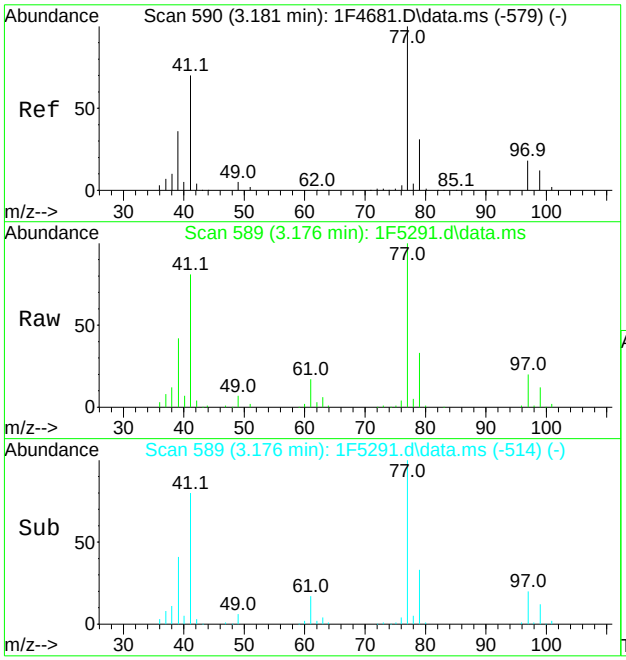


#34
ethyl acetate
Concen: 49.9839 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 70 Resp: 29270

Ion	Ratio	Lower	Upper
70	100		
61	126.5	97.3	157.3
45	182.5	118.7	178.7#

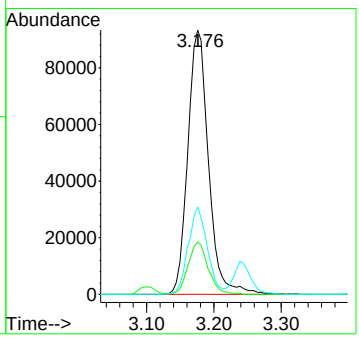


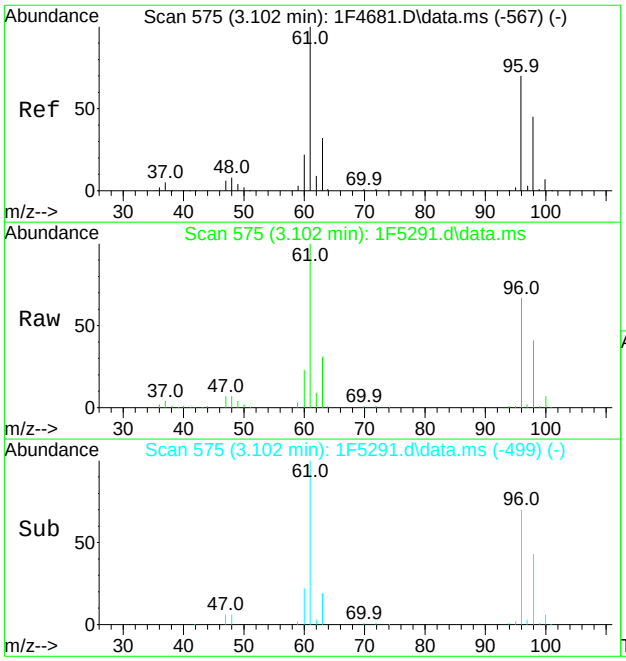


#35
2,2-dichloropropane
Concen: 54.6406 ug/L
RT: 3.176 min Scan# 589
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 77 Resp: 199293

Ion	Ratio	Lower	Upper
77	100		
97	19.9	0.0	48.4
79	33.1	0.6	60.6

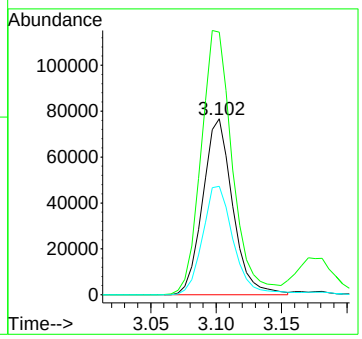


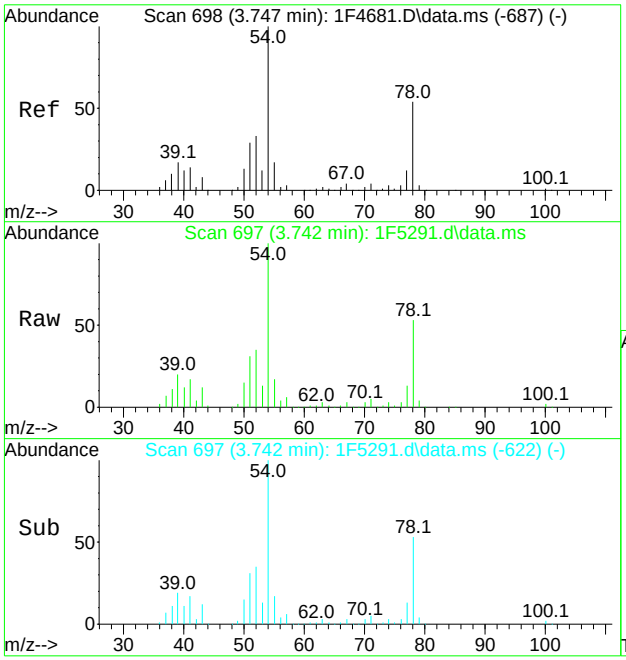


#36
cis-1,2-dichloroethene
Concen: 47.2475 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 96 Resp: 122484

Ion	Ratio	Lower	Upper
96	100		
61	149.1	113.8	173.8
98	61.6	34.7	94.7

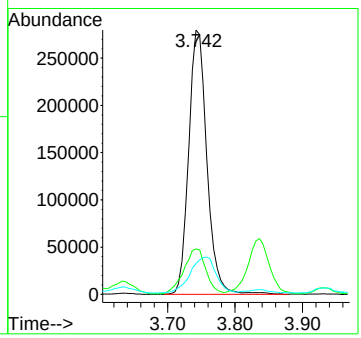


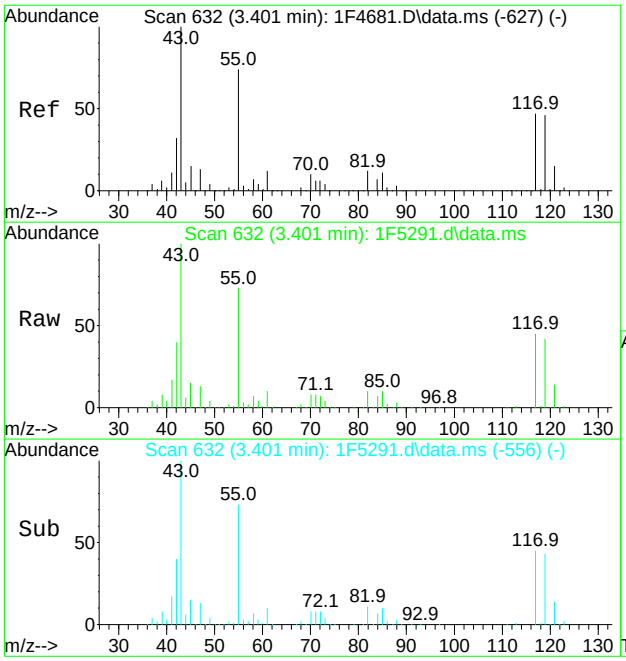


#37
propionitrile
Concen: 557.1705 ug/L
RT: 3.742 min Scan# 697
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 54 Resp: 526760

Ion	Ratio	Lower	Upper
54	100		
55	16.9	0.0	47.4
40	11.2	0.0	41.6

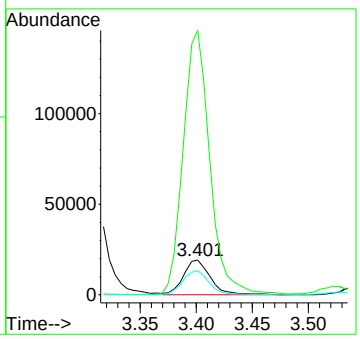


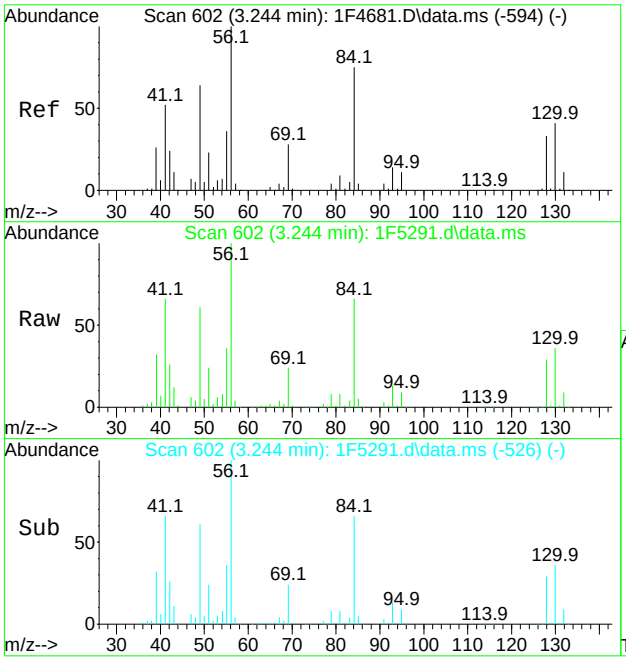


#38
methyl acrylate
Concen: 48.5083 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 85 Resp: 32198

Ion	Ratio	Lower	Upper
85	100		
55	756.0	618.9	658.9#
58	69.1	35.4	75.4

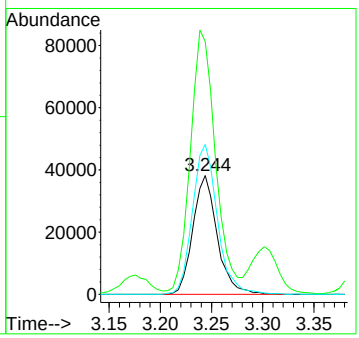


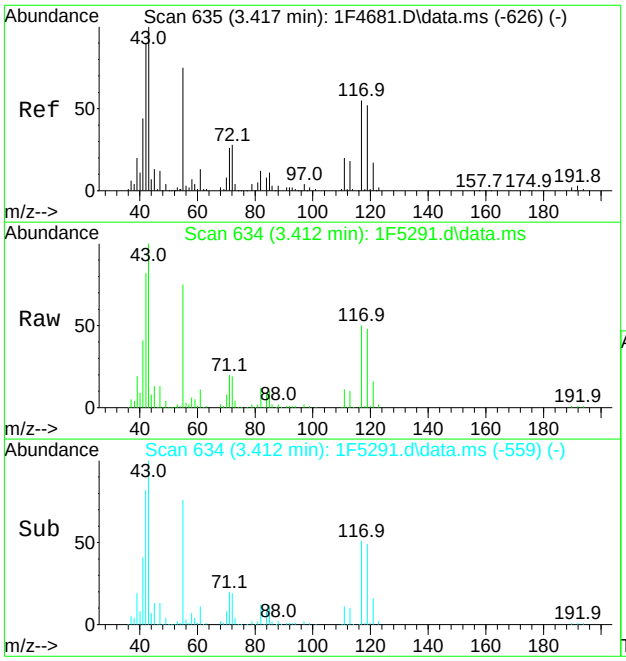


#39
bromochloromethane
Concen: 47.7878 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:128 Resp: 63434

Ion	Ratio	Lower	Upper
128	100		
49	210.0	165.9	225.9
130	126.2	94.8	154.8

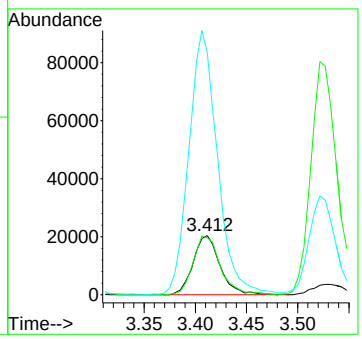


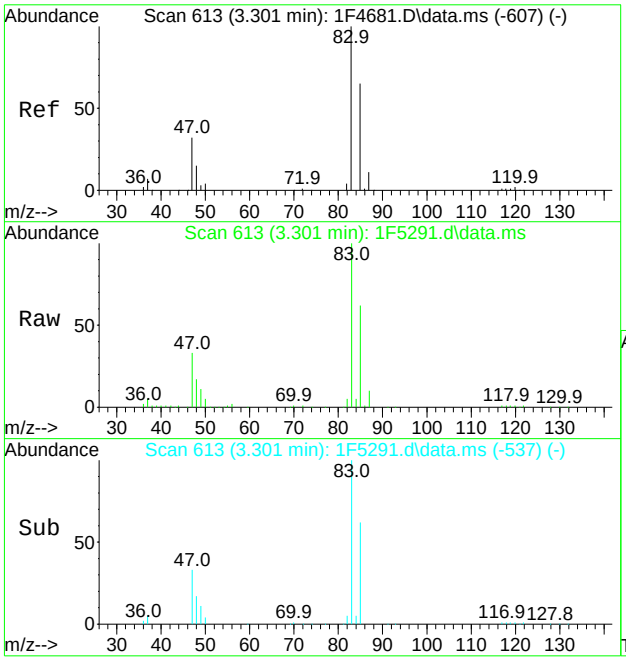


#40
tetrahydrofuran
Concen: 49.3011 ug/L
RT: 3.412 min Scan# 634
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 71 Resp: 37400

Ion	Ratio	Lower	Upper
71	100		
72	96.6	76.2	136.2
42	406.6	313.6	373.6#

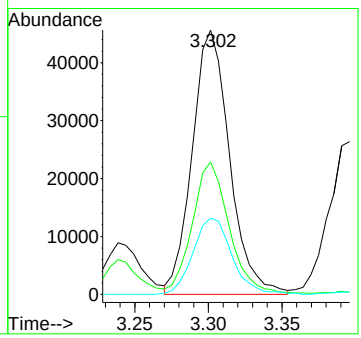


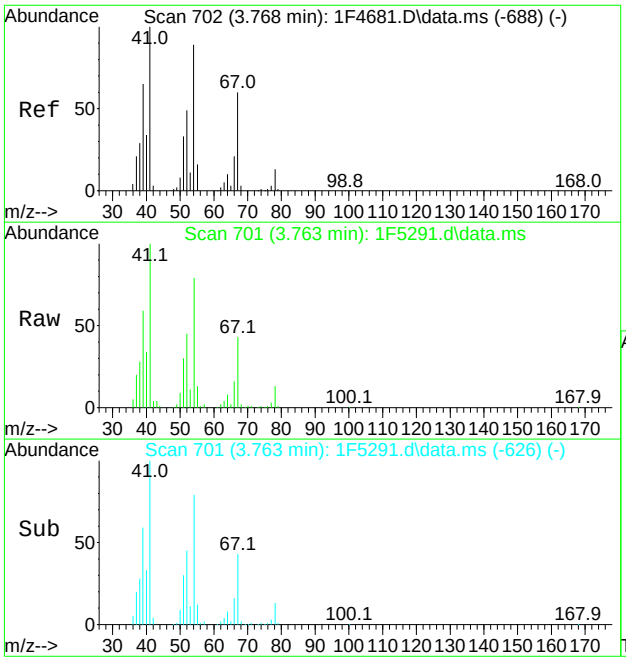


#41
chloroform
Concen: 52.5321 ug/L
RT: 3.301 min Scan# 613
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 47 Resp: 80472

Ion	Ratio	Lower	Upper
47	100		
48	50.1	18.3	78.3
87	28.9	3.4	63.4

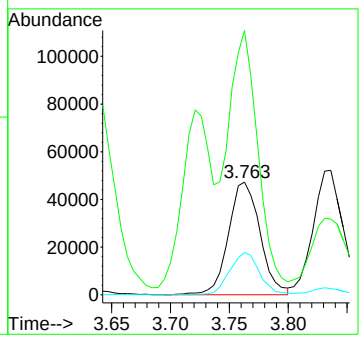


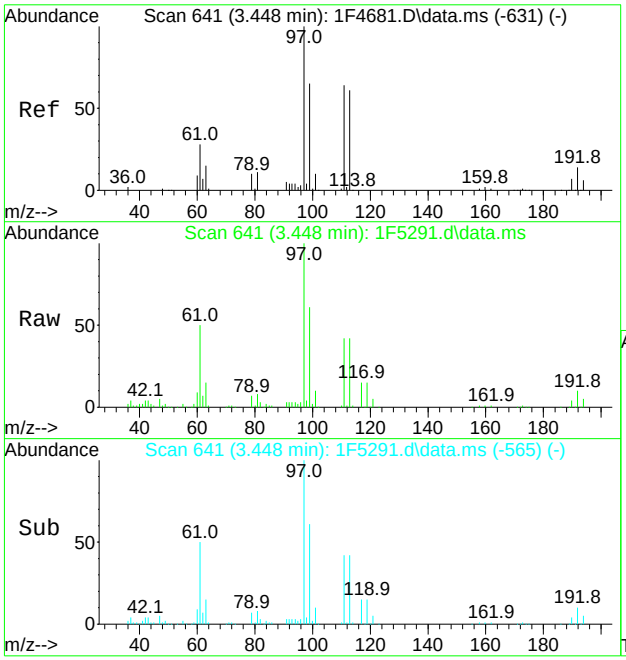


#43
methacrylonitrile
Concen: 48.5491 ug/L
RT: 3.763 min Scan# 701
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 67 Resp: 88540

Ion	Ratio	Lower	Upper
67	100		
41	223.1	135.5	195.5#
66	37.5	4.0	64.0

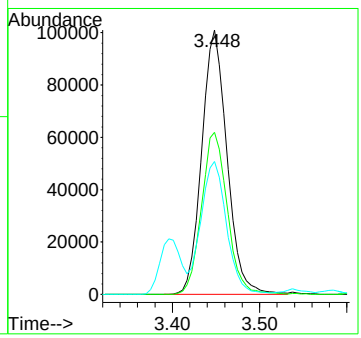


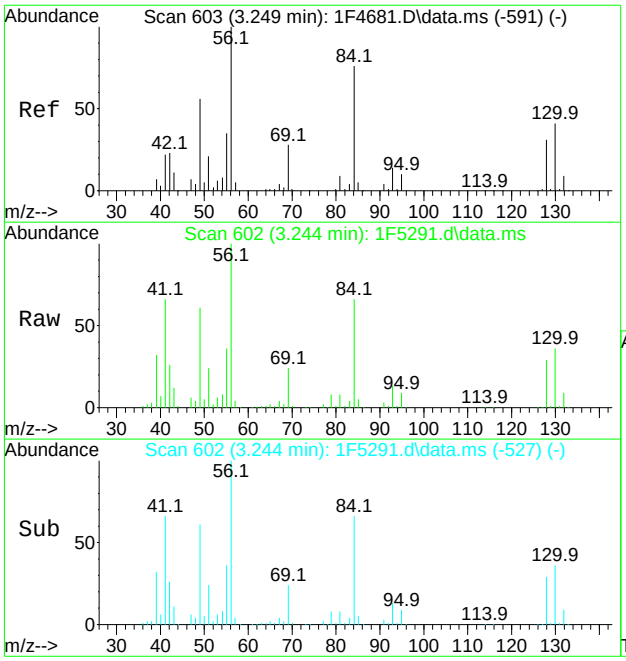


#44
1,1,1-trichloroethane
Concen: 50.8401 ug/L
RT: 3.448 min Scan# 641
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 97 Resp: 203328

Ion	Ratio	Lower	Upper
97	100		
99	61.3	34.5	94.5
61	48.7	17.5	77.5

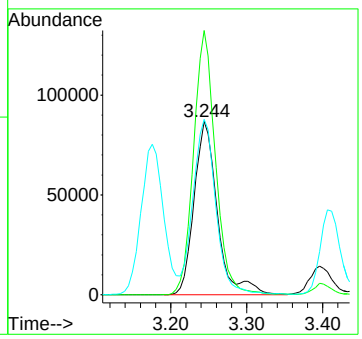


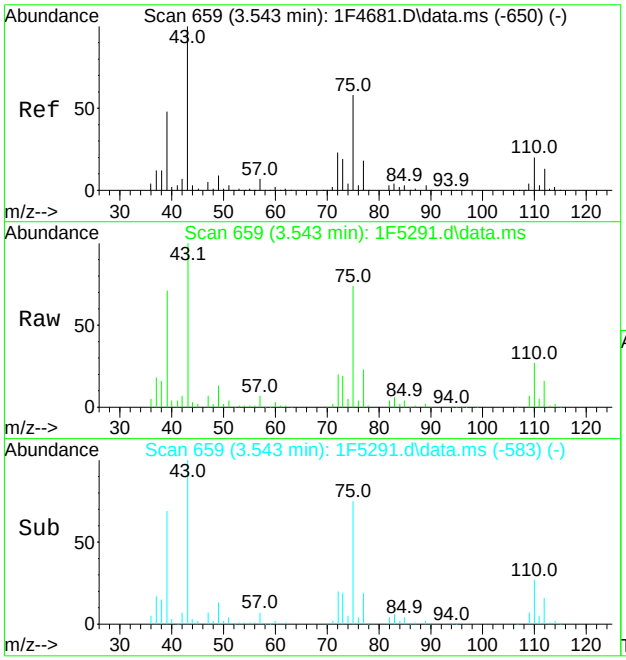


#45
cyclohexane
Concen: 52.7633 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 84 Resp: 185523

Ion	Ratio	Lower	Upper
84	100		
56	152.1	111.7	151.7#
41	100.7	58.3	98.3#

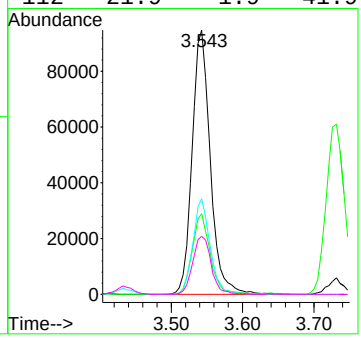




#46
1,1-dichloropropene
Concen: 49.6255 ug/L
RT: 3.543 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

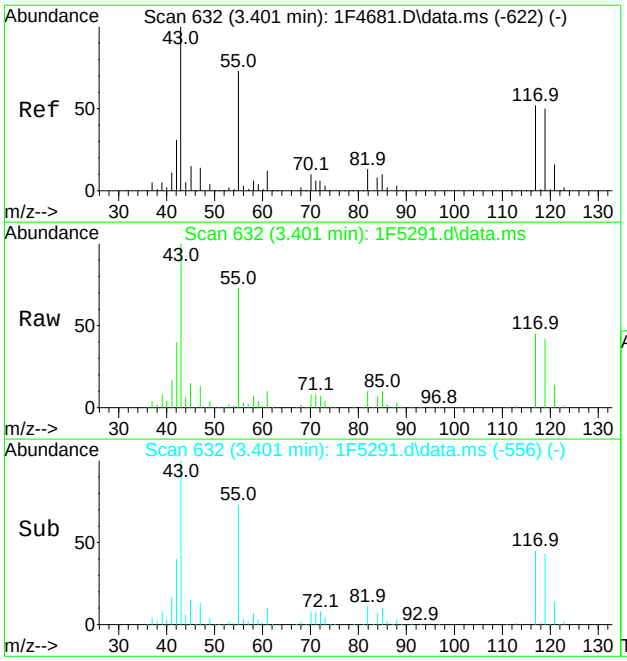
Tgt Ion: 75 Resp: 168041

Ion	Ratio	Lower	Upper
75	100		
77	30.5	10.1	50.1
110	36.2	14.5	54.5
112	21.9	1.9	41.9



7.3.1

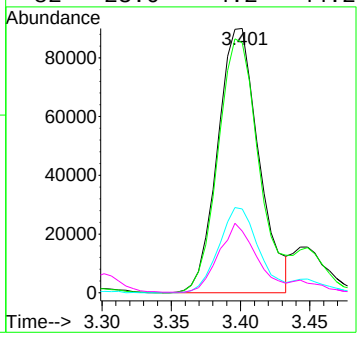
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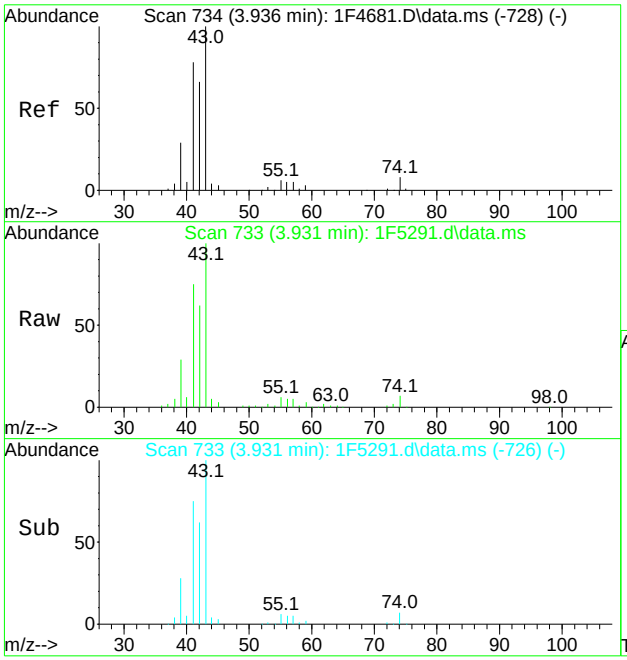


#47
carbon tetrachloride
Concen: 50.2097 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:117 Resp: 185187

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.2	115.2
121	31.7	10.5	50.5
82	23.0	4.2	44.2

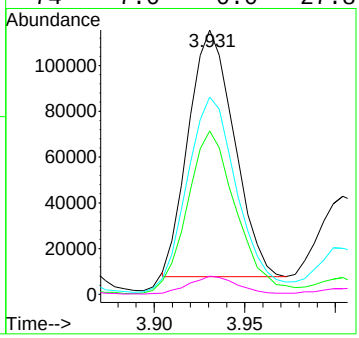


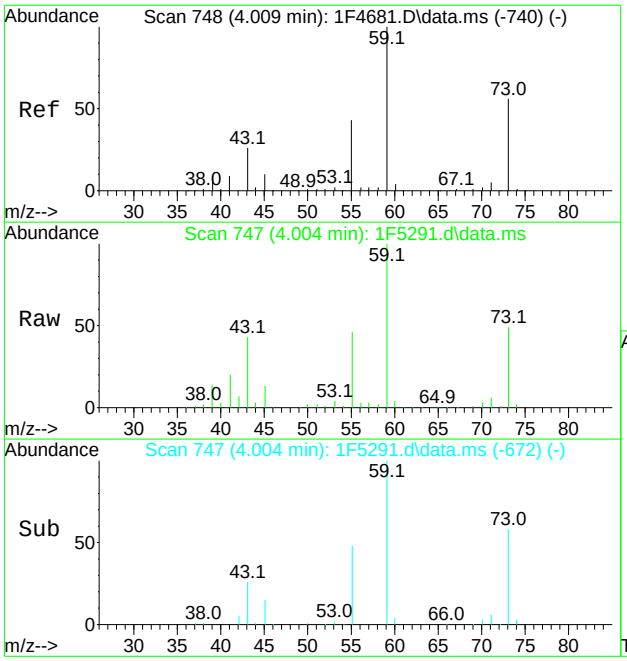


#48
isobutyl alcohol
Concen: 540.9518 ug/L
RT: 3.931 min Scan# 733
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 43 Resp: 188657

Ion	Ratio	Lower	Upper
43	100		
42	62.7	46.5	86.5
41	75.0	57.7	97.7
74	7.0	0.0	27.8

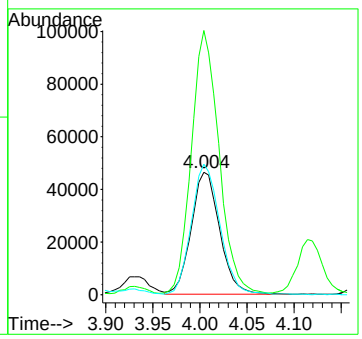


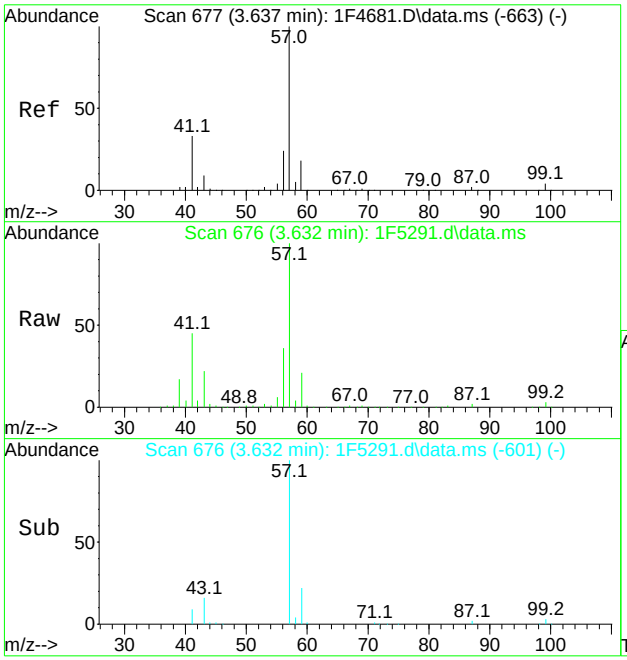


#49
tert-amyl alcohol
Concen: 267.1578 ug/L
RT: 4.004 min Scan# 747
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 55 Resp: 97407

Ion	Ratio	Lower	Upper
55	100		
59	215.1	207.4	247.4
73	106.6	108.9	148.9#

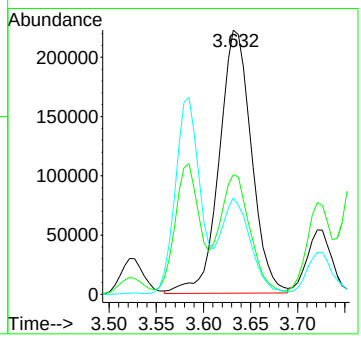


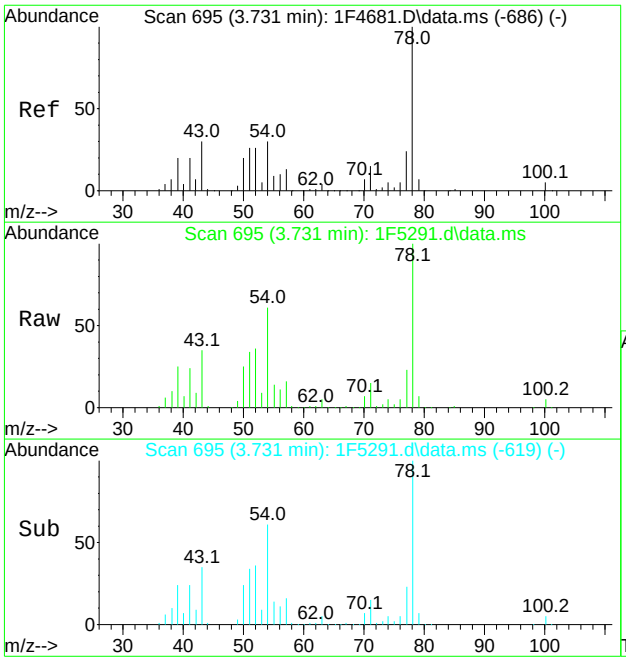


#52
iso-octane
Concen: 57.3933 ug/L
RT: 3.632 min Scan# 676
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 57 Resp: 529380

Ion	Ratio	Lower	Upper
57	100		
41	44.5	19.0	59.0
56	35.9	14.0	54.0

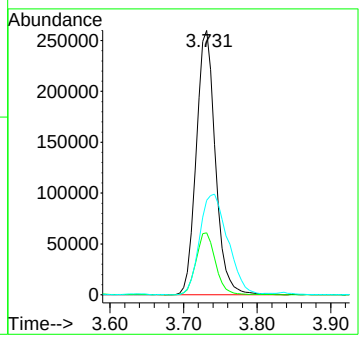


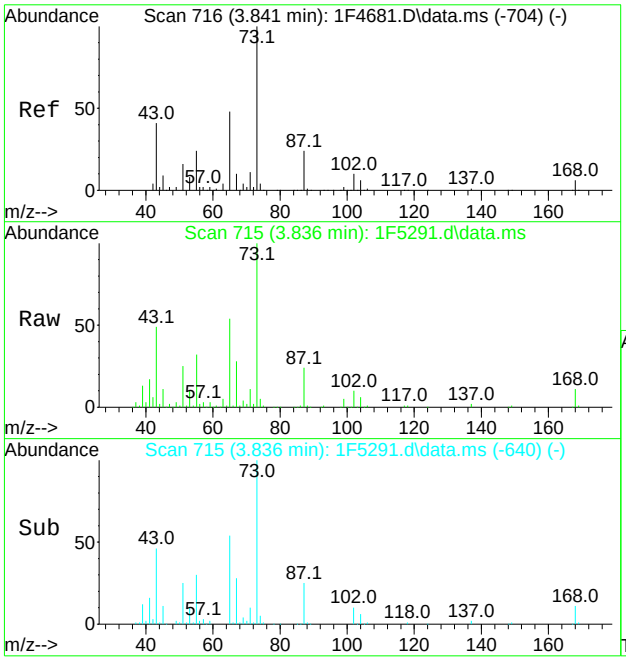


#53
benzene
Concen: 48.2257 ug/L
RT: 3.731 min Scan# 695
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 78 Resp: 468031

Ion	Ratio	Lower	Upper
78	100		
77	23.5	0.0	53.7
52	35.6	0.0	56.0

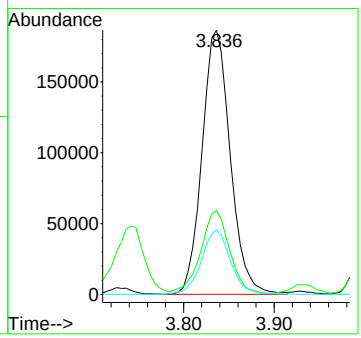


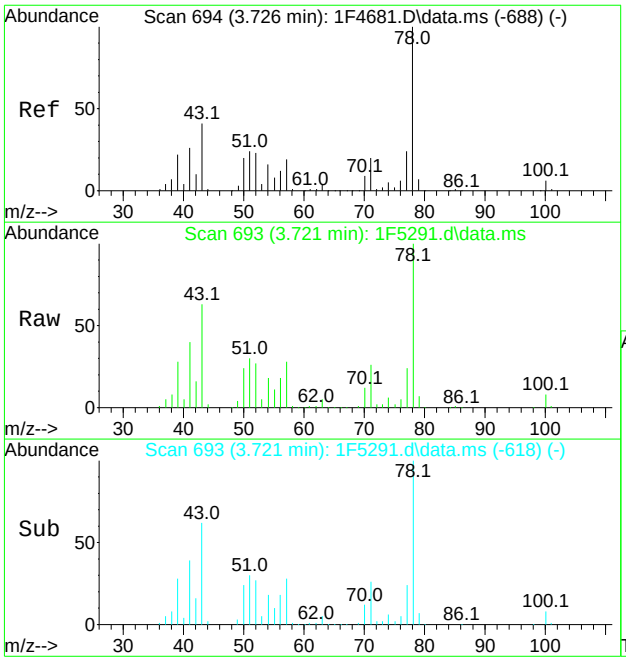


#54
tert-amyl methyl ether
Concen: 50.6132 ug/L
RT: 3.836 min Scan# 715
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 73 Resp: 403594

Ion	Ratio	Lower	Upper
73	100		
55	30.2	4.7	44.7
87	24.5	3.8	43.8

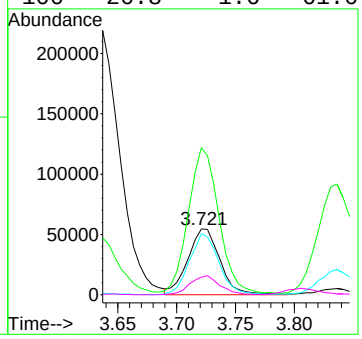


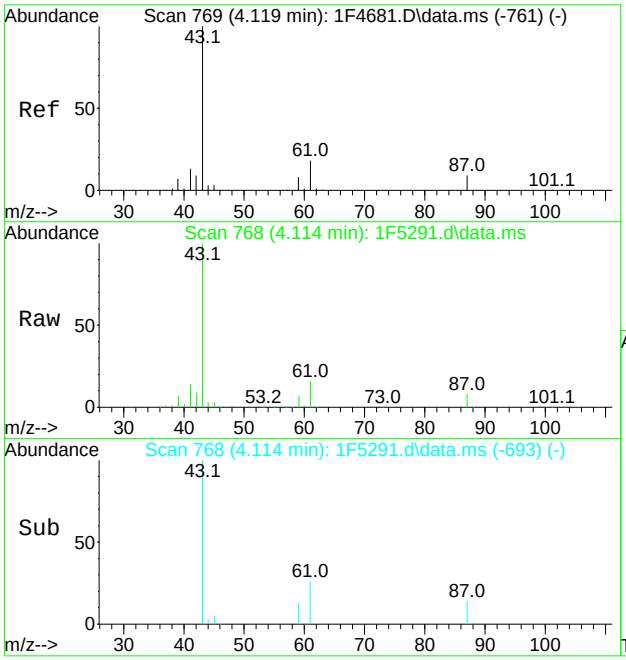


#55
heptane
Concen: 59.7826 ug/L
RT: 3.721 min Scan# 693
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 57 Resp: 103933

Ion	Ratio	Lower	Upper
57	100		
43	222.7	178.1	238.1
71	93.0	70.9	130.9
100	26.8	1.6	61.6

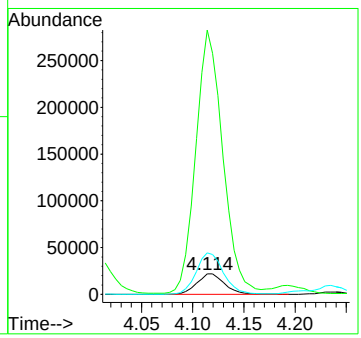


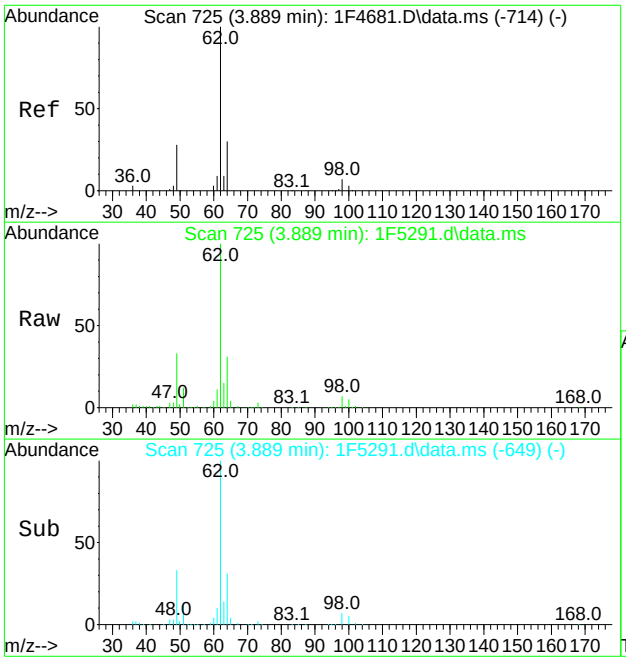


#56
isopropyl acetate
Concen: 51.3586 ug/L
RT: 4.114 min Scan# 768
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 87 Resp: 41666

Ion	Ratio	Lower	Upper
87	100		
43	1284.7	1045.8	1105.8#
61	202.8	166.3	226.3

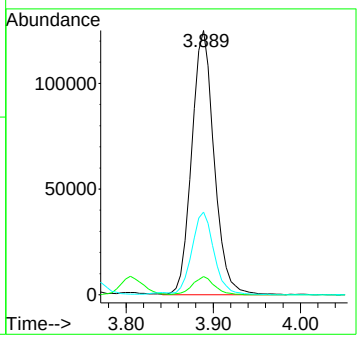


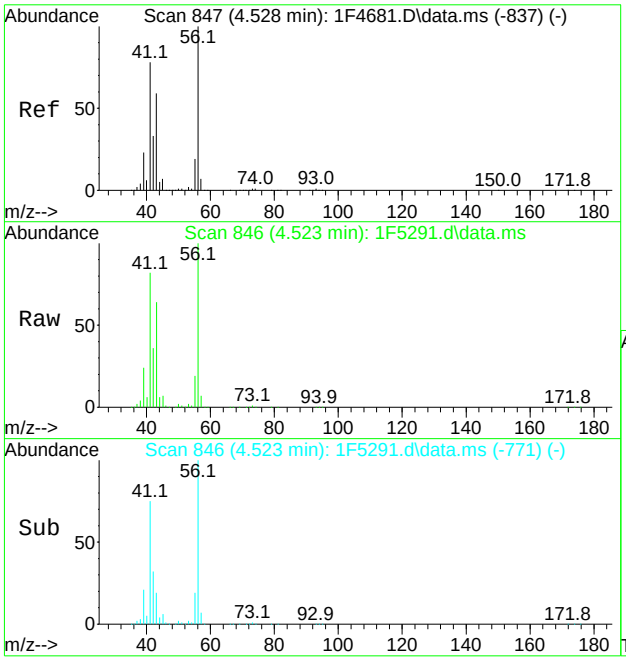


#57
1,2-dichloroethane
Concen: 52.7062 ug/L
RT: 3.889 min Scan# 725
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 62 Resp: 222731

Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	38.4
64	31.3	0.6	60.6

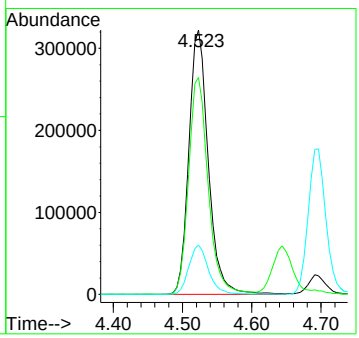


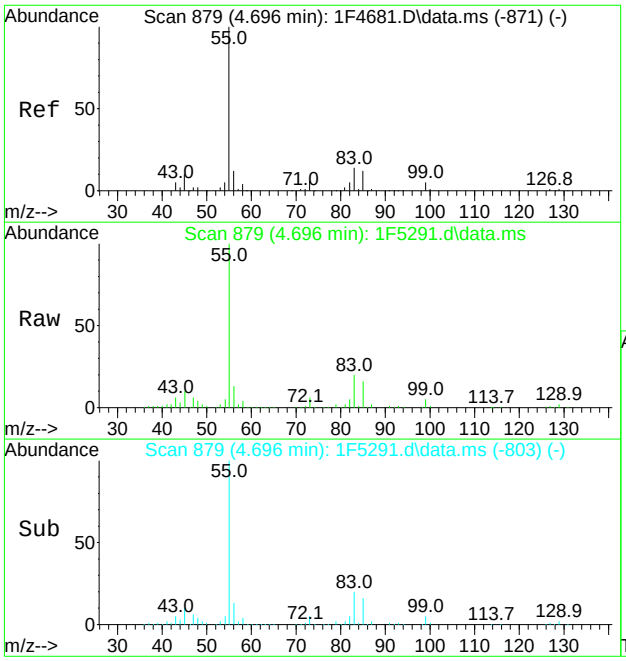


#58
n-butyl alcohol
Concen: 2631.9232 ug/L
RT: 4.523 min Scan# 846
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 56 Resp: 628795

Ion	Ratio	Lower	Upper
56	100		
41	82.0	58.4	98.4
55	18.6	0.0	38.7

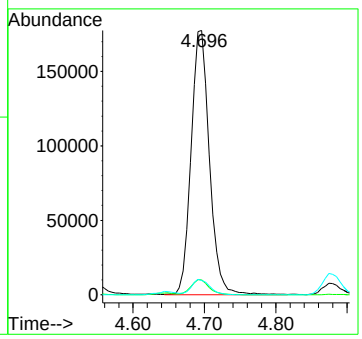


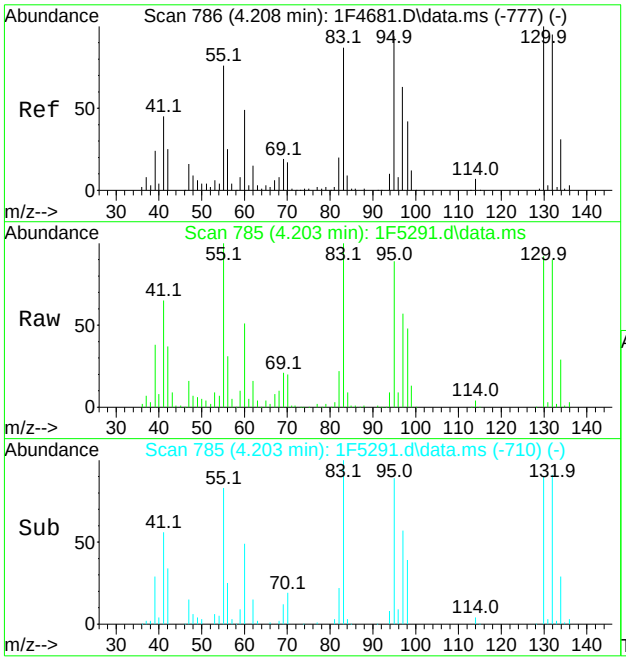


#59
ethyl acrylate
Concen: 58.2886 ug/L
RT: 4.696 min Scan# 879
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 55 Resp: 317954

Ion	Ratio	Lower	Upper
55	100		
73	5.6	0.0	36.5
99	5.5	0.0	36.3

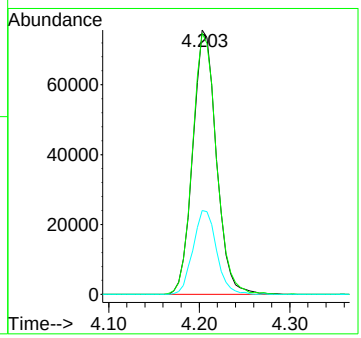


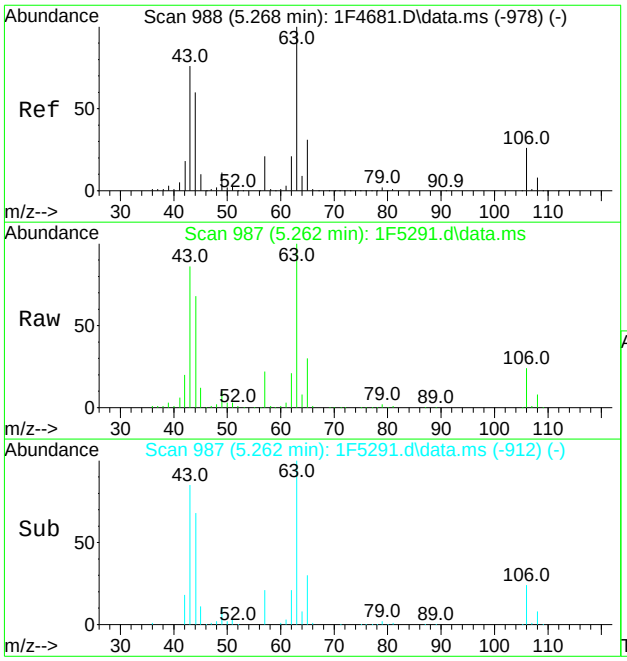


#60
trichloroethene
Concen: 46.9894 ug/L
RT: 4.203 min Scan# 785
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:130 Resp: 137150

Ion	Ratio	Lower	Upper
130	100		
132	98.8	65.1	125.1
134	31.7	0.7	60.7

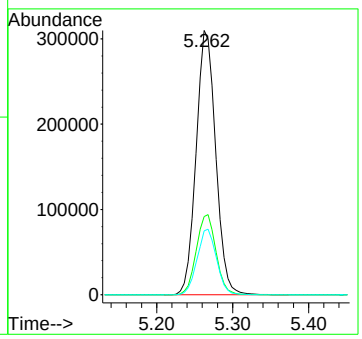


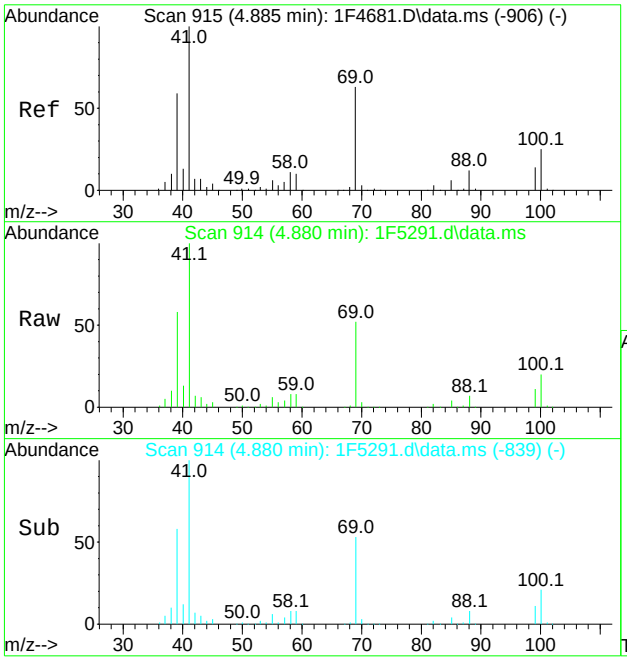


#62
2-chloroethyl vinyl ether
Concen: 265.9020 ug/L
RT: 5.262 min Scan# 987
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 63 Resp: 553157

Ion	Ratio	Lower	Upper
63	100		
65	29.6	1.4	61.4
106	24.2	0.0	55.6

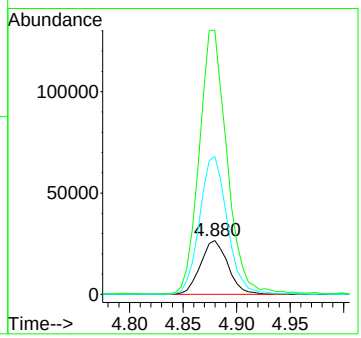


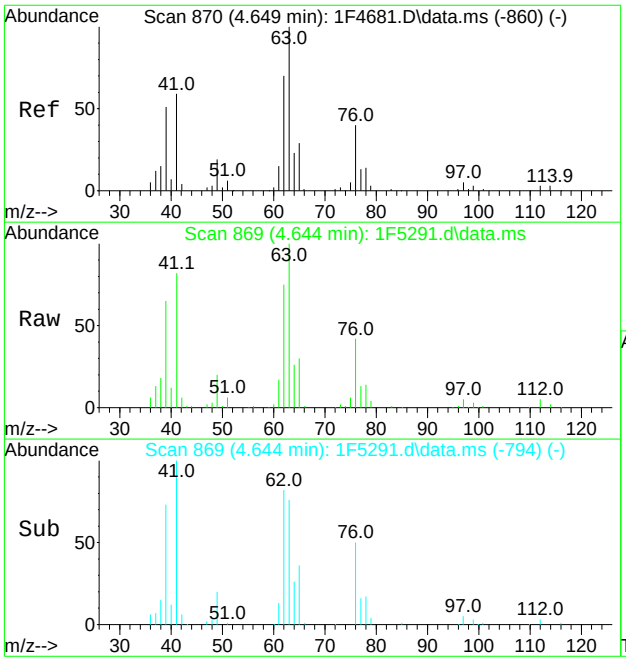


#63
methyl methacrylate
Concen: 54.1588 ug/L
RT: 4.880 min Scan# 914
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:100 Resp: 47665

Ion	Ratio	Lower	Upper
100	100		
41	489.4	371.0	431.0#
69	256.5	223.0	283.0

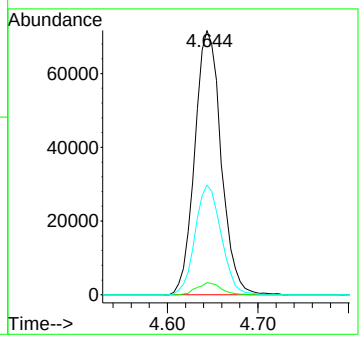


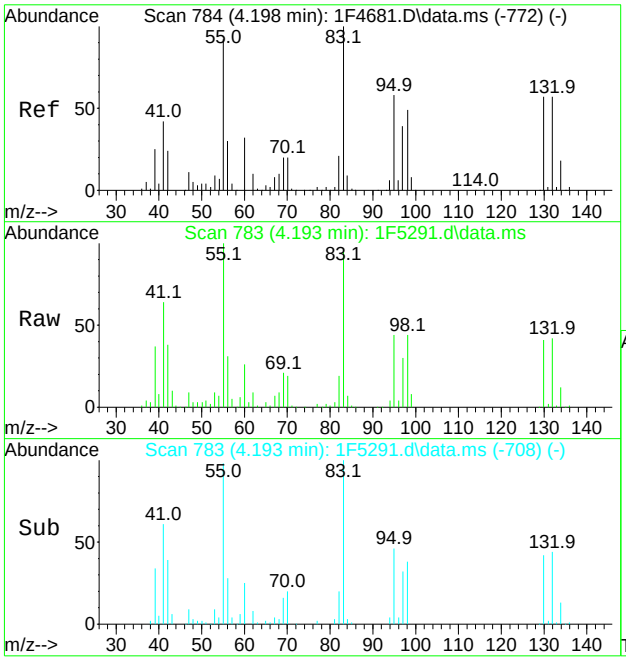


#64
1,2-dichloropropane
Concen: 52.7206 ug/L
RT: 4.644 min Scan# 869
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 63 Resp: 144789

Ion	Ratio	Lower	Upper
63	100		
112	4.5	0.0	33.3
76	41.6	10.3	70.3

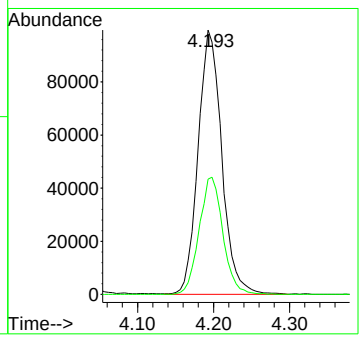


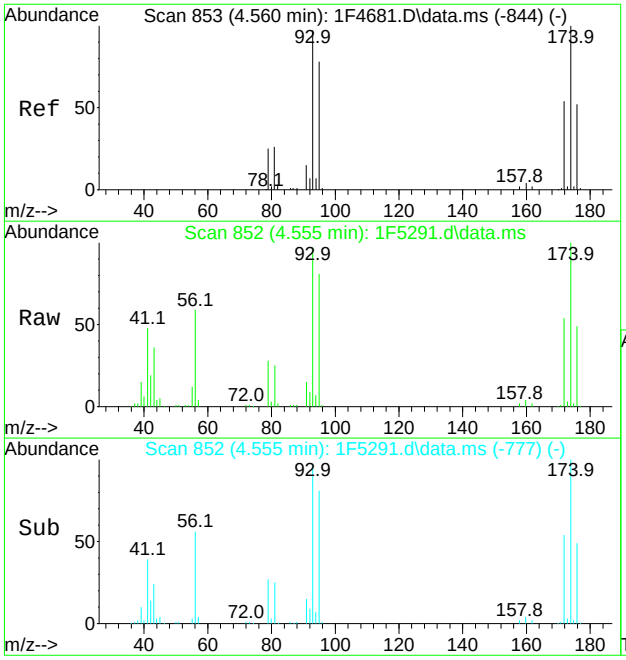


#65
methylcyclohexane
Concen: 54.4630 ug/L
RT: 4.193 min Scan# 783
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 55 Resp: 215864

Ion	Ratio	Lower	Upper
55	100		
98	43.5	22.3	82.3

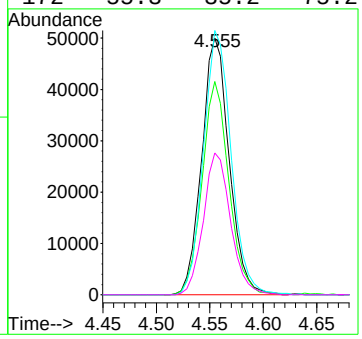


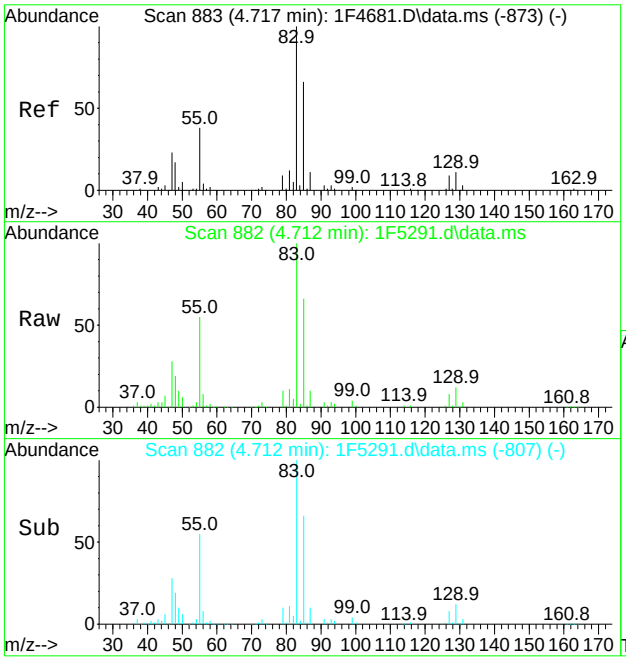


#66
dibromomethane
Concen: 48.5214 ug/L
RT: 4.555 min Scan# 852
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 93 Resp: 89502

Ion	Ratio	Lower	Upper
93	100		
95	83.1	50.3	110.3
174	103.0	73.1	133.1
172	55.3	35.2	75.2

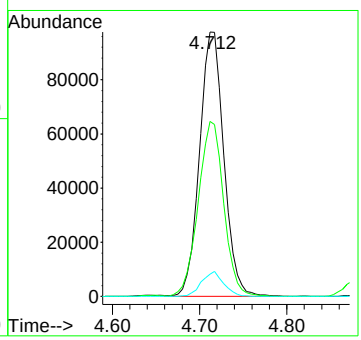


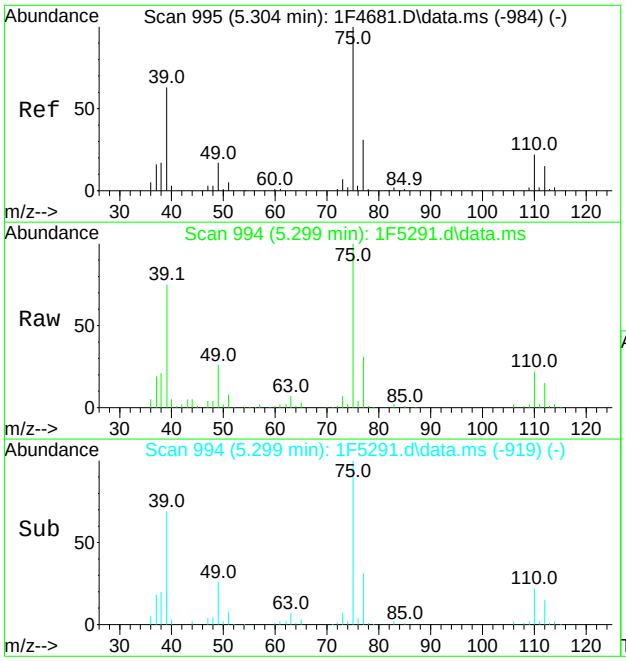


#67
bromodichloromethane
Concen: 52.3735 ug/L
RT: 4.712 min Scan# 882
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 83 Resp: 189179

Ion	Ratio	Lower	Upper
83	100		
85	66.2	36.2	96.2
127	8.4	0.0	39.3

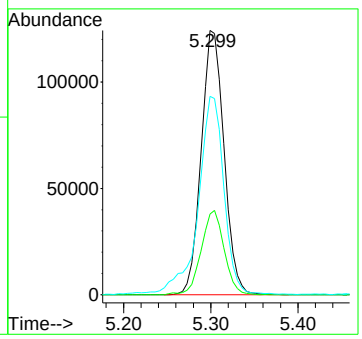


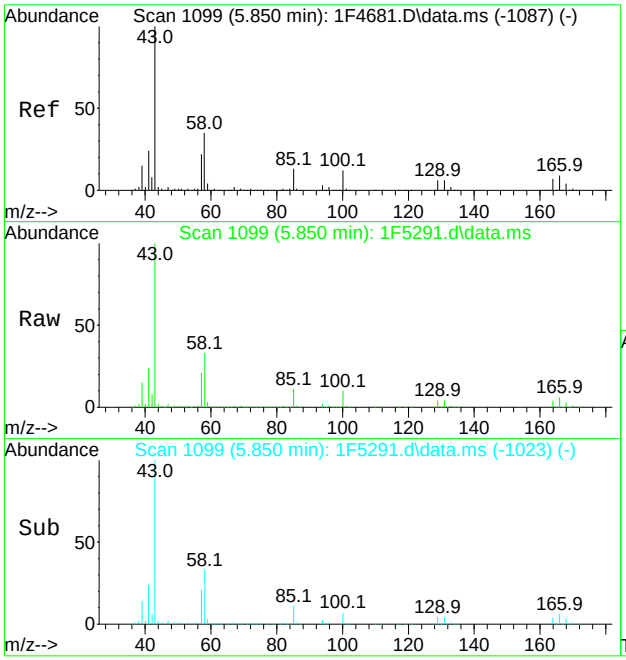


#69
cis-1,3-dichloropropene
Concen: 52.4703 ug/L
RT: 5.299 min Scan# 994
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 75 Resp: 225836

Ion	Ratio	Lower	Upper
75	100		
77	30.6	1.6	61.6
39	74.8	34.9	94.9

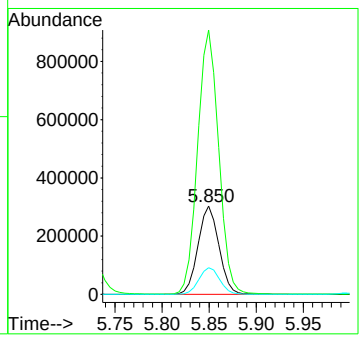


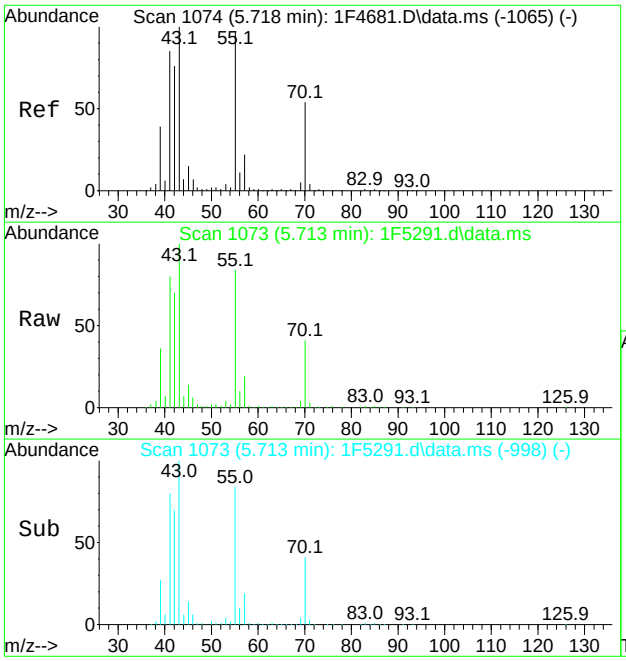


#70
4-methyl-2-pentanone
Concen: 240.0515 ug/L
RT: 5.850 min Scan# 1099
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 58 Resp: 467415

Ion	Ratio	Lower	Upper
58	100		
43	299.1	257.8	317.8
100	30.1	3.4	63.4

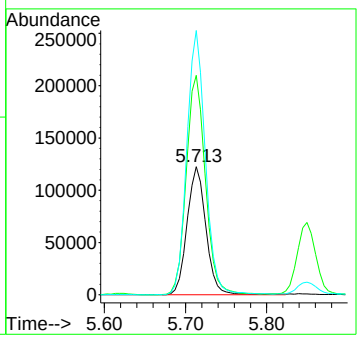


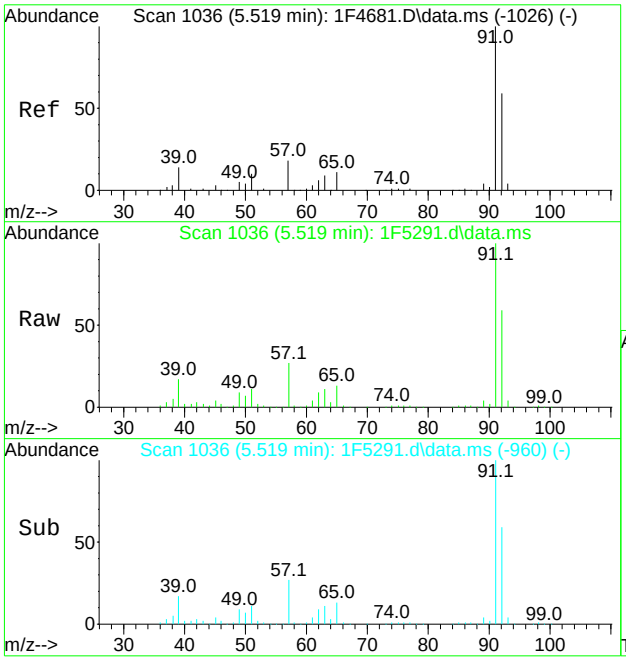


#71
3-methyl-1-butanol
Concen: 1027.7888 ug/L
RT: 5.713 min Scan# 1073
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 70 Resp: 198120

Ion	Ratio	Lower	Upper
70	100		
42	171.4	111.6	171.6
55	206.6	150.0	210.0

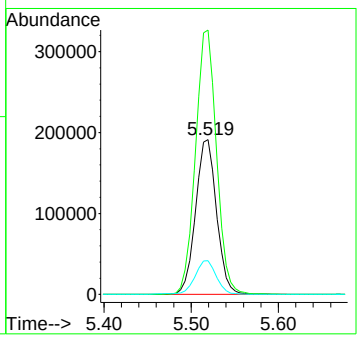


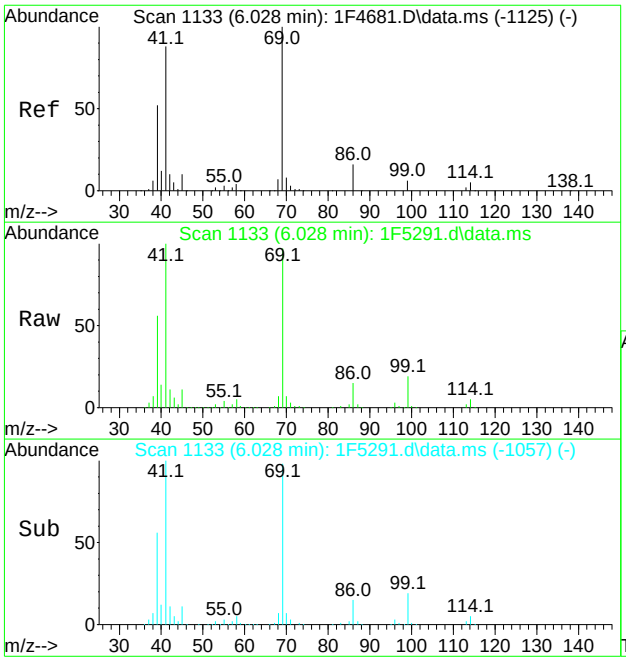


#74
toluene
Concen: 48.7312 ug/L
RT: 5.519 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 92 Resp: 319327

Ion	Ratio	Lower	Upper
92	100		
91	170.9	149.7	189.7
65	21.8	0.0	39.3

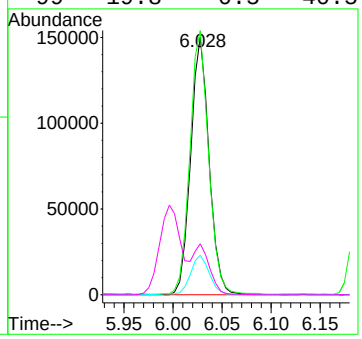


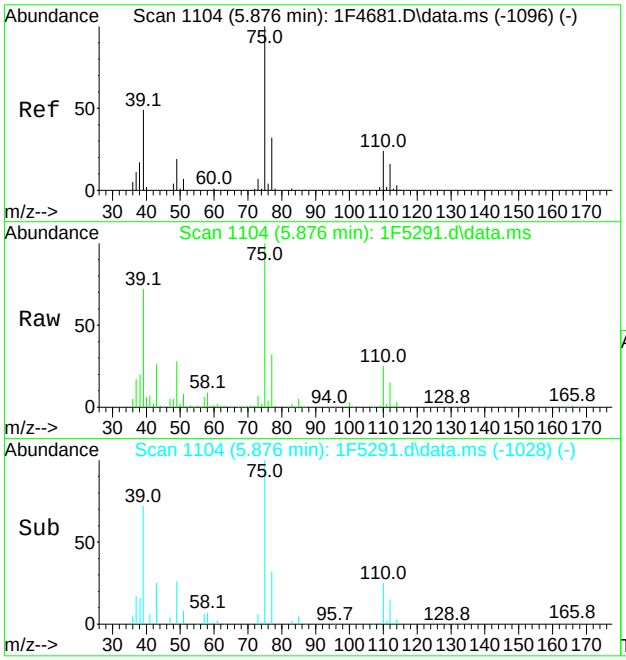


#75
ethyl methacrylate
Concen: 51.6969 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 69 Resp: 195799

Ion	Ratio	Lower	Upper
69	100		
41	102.4	68.4	108.4
86	15.4	0.0	35.9
99	19.8	0.5	40.5

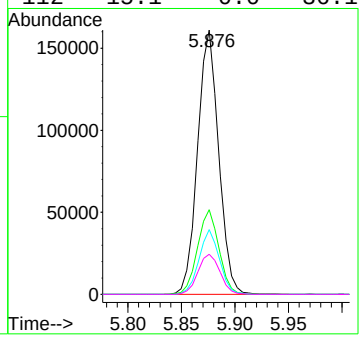


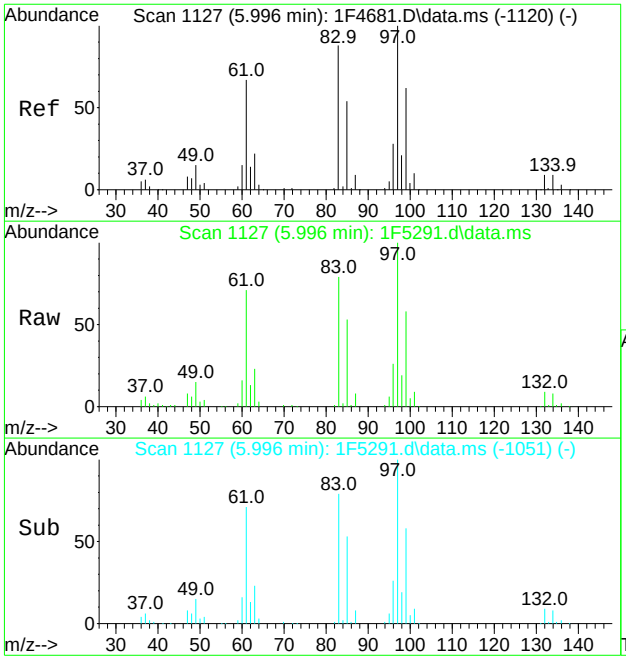


#76
trans-1,3-dichloropropene
Concen: 51.2962 ug/L
RT: 5.876 min Scan# 1104
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 75 Resp: 220840

Ion	Ratio	Lower	Upper
75	100		
77	32.0	11.9	51.9
110	24.5	4.0	44.0
112	15.1	0.0	36.1

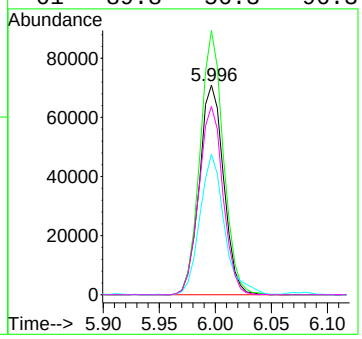


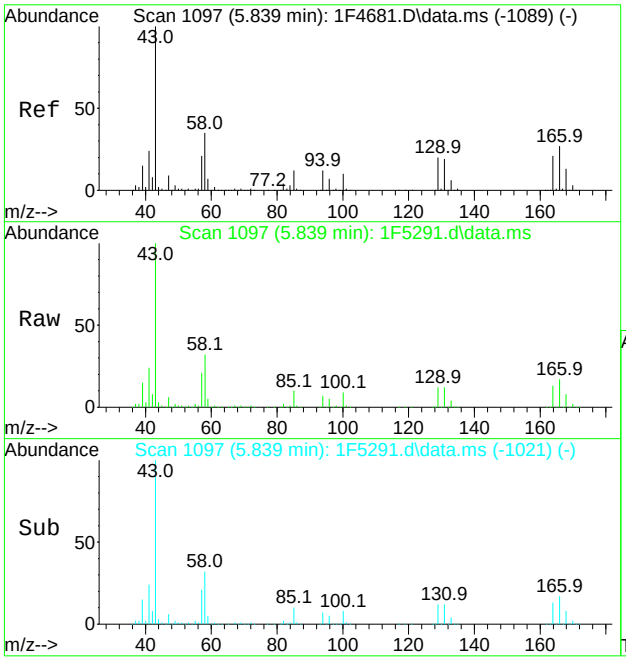


#77
1,1,2-trichloroethane
Concen: 48.1005 ug/L
RT: 5.996 min Scan# 1127
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 83 Resp: 106901

Ion	Ratio	Lower	Upper
83	100		
97	126.1	93.8	133.8
85	67.2	41.5	81.5
61	89.8	56.3	96.3

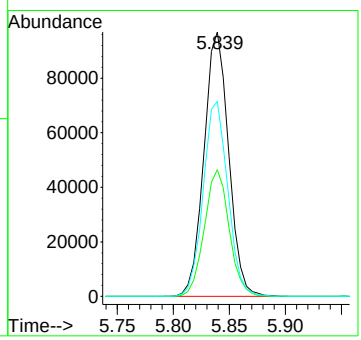


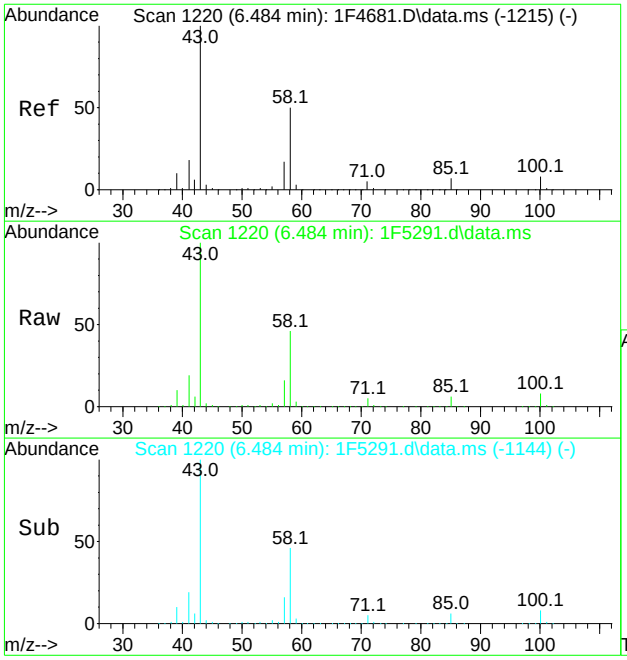


#78
tetrachloroethene
Concen: 47.9086 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:166 Resp: 148470

Ion	Ratio	Lower	Upper
166	100		
168	47.9	17.4	77.4
129	73.8	42.9	102.9

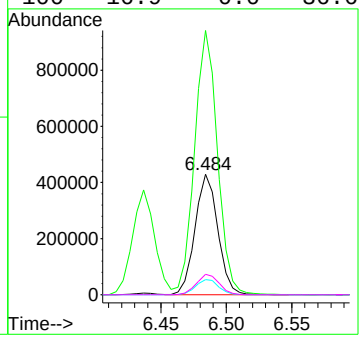


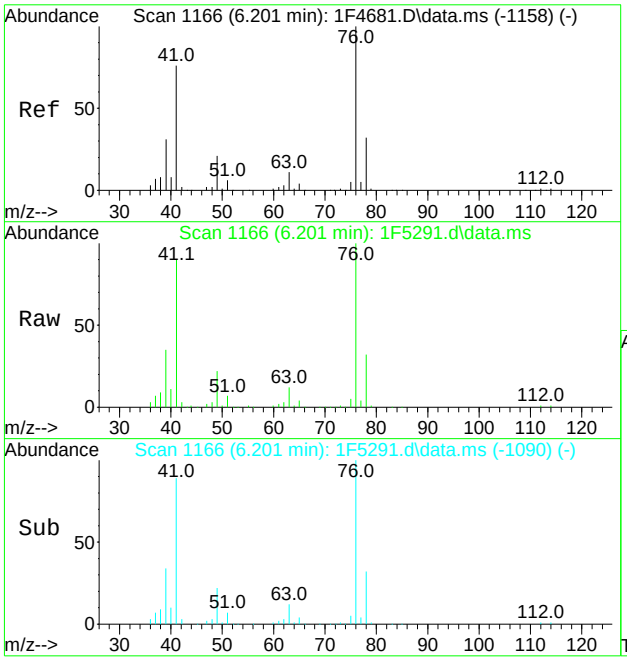


#79
2-hexanone
Concen: 235.4352 ug/L
RT: 6.484 min Scan# 1220
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 58 Resp: 521687

Ion	Ratio	Lower	Upper
58	100		
43	218.9	186.4	226.4
85	12.5	0.0	33.7
100	16.9	0.0	36.6

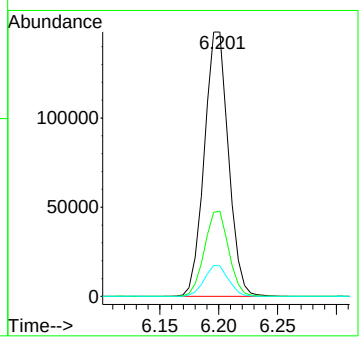


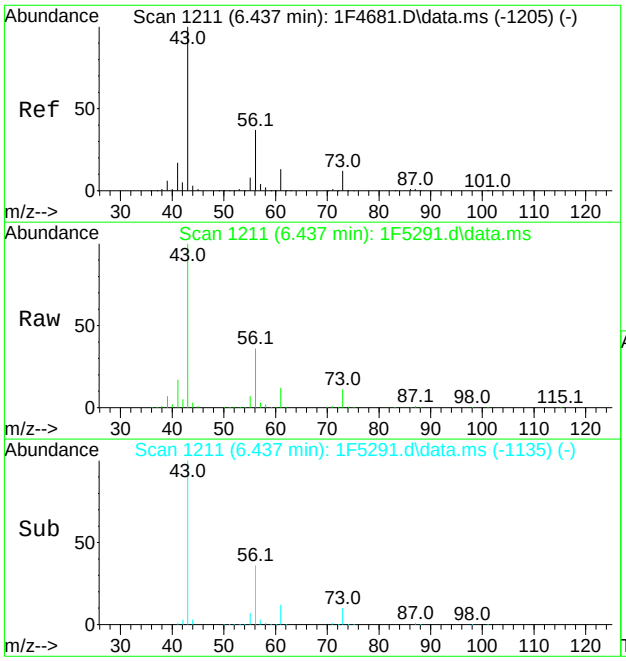


#80
1,3-dichloropropane
Concen: 49.2032 ug/L
RT: 6.201 min Scan# 1166
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 76 Resp: 211138

Ion	Ratio	Lower	Upper
76	100		
78	32.2	1.8	61.8
63	11.6	0.0	41.2

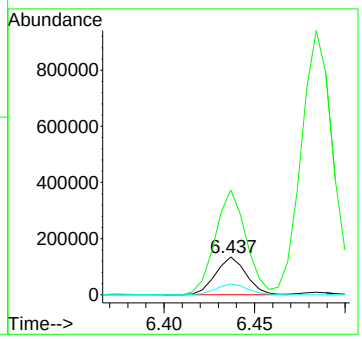


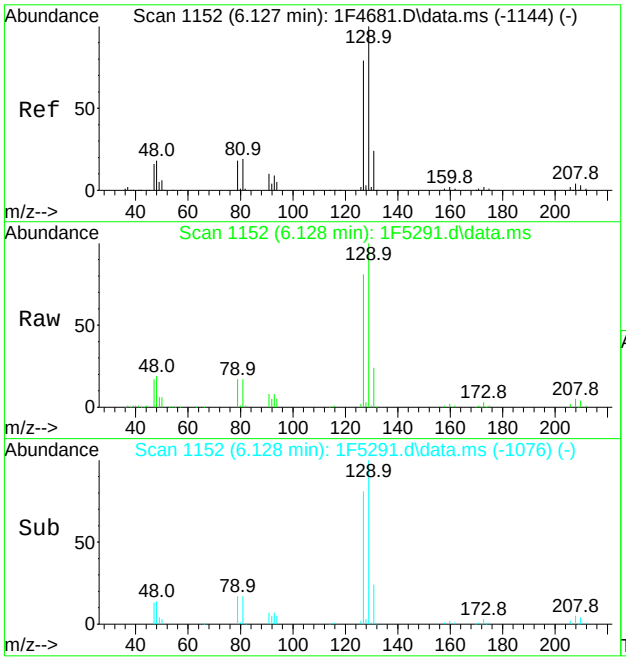


#81
butyl acetate
Concen: 59.0753 ug/L
RT: 6.437 min Scan# 1211
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 56 Resp: 158480

Ion	Ratio	Lower	Upper
56	100		
43	277.1	242.5	302.5
73	29.2	3.8	63.8

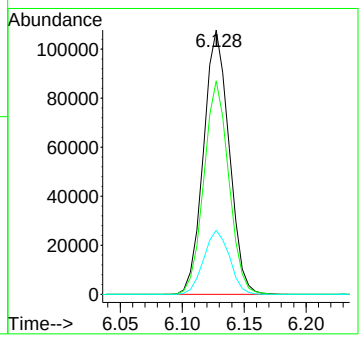


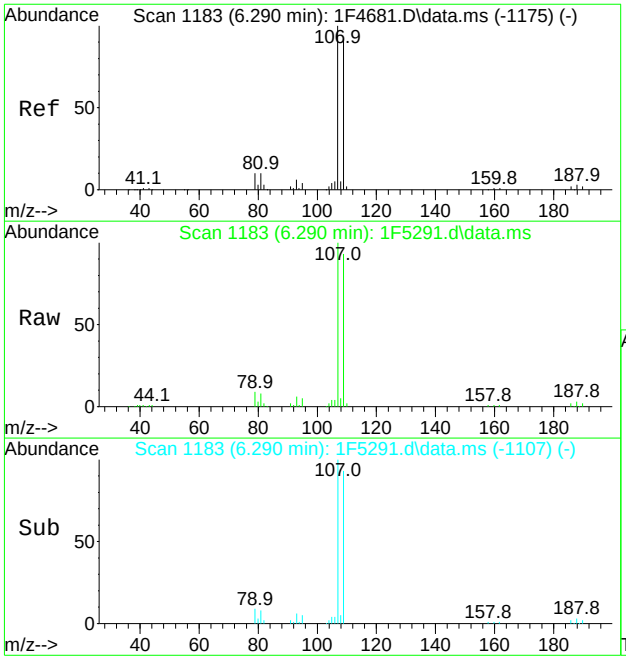


#82
dibromochloromethane
Concen: 50.9614 ug/L
RT: 6.128 min Scan# 1152
Delta R.T. 0.001 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:129 Resp: 155078

Ion	Ratio	Lower	Upper
129	100		
127	80.7	49.3	109.3
131	24.3	0.0	54.2

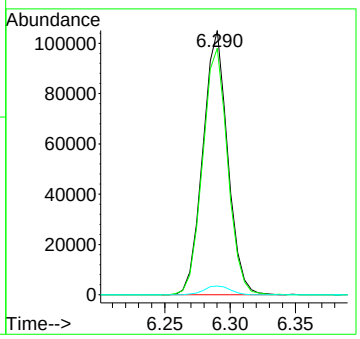


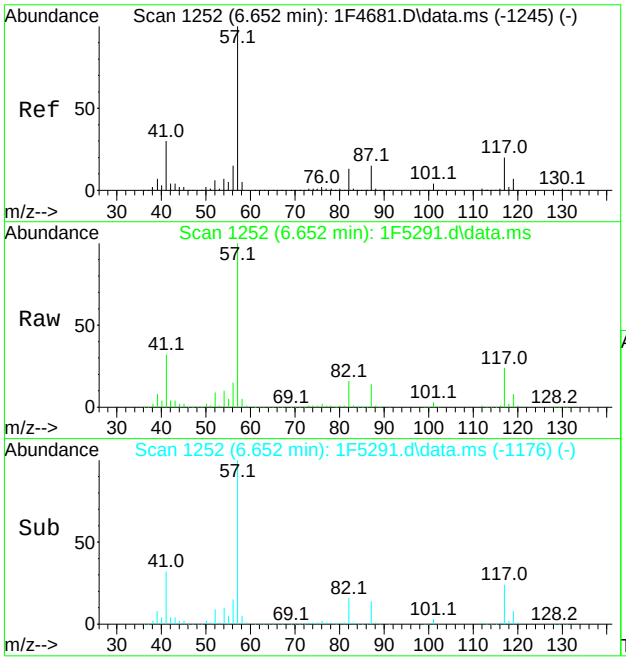


#83
1,2-dibromoethane
Concen: 47.1847 ug/L
RT: 6.290 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:107 Resp: 138629

Ion	Ratio	Lower	Upper
107	100		
109	93.3	62.2	122.2
188	3.5	0.0	33.1

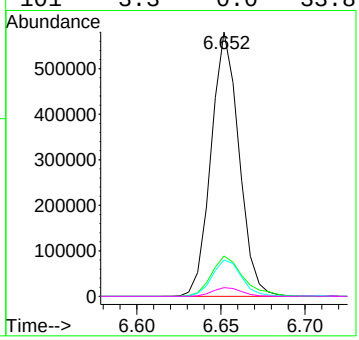


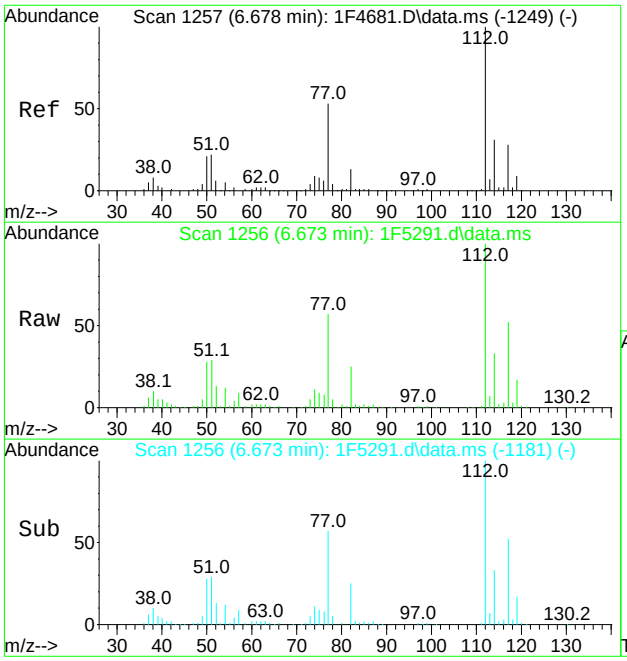


#84
n-butyl ether
Concen: 55.2468 ug/L
RT: 6.652 min Scan# 1252
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 57 Resp: 670012

Ion	Ratio	Lower	Upper
57	100		
56	15.3	0.0	45.2
87	13.8	0.0	45.1
101	3.3	0.0	33.8

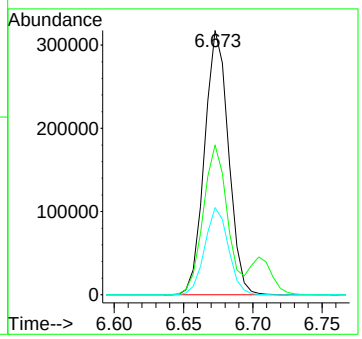


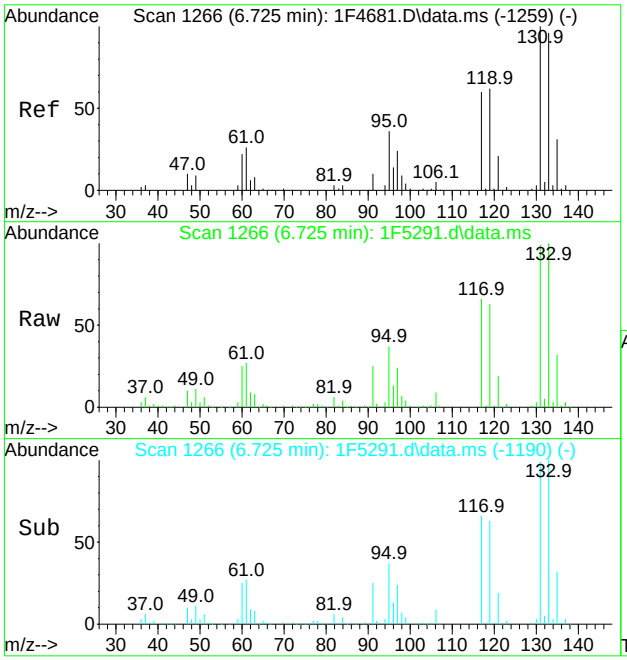


#85
chlorobenzene
Concen: 48.4605 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:112 Resp: 379898

Ion	Ratio	Lower	Upper
112	100		
77	56.7	23.0	83.0
114	33.0	0.9	60.9

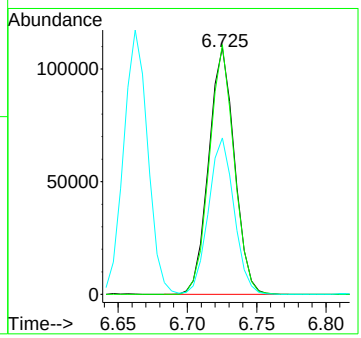


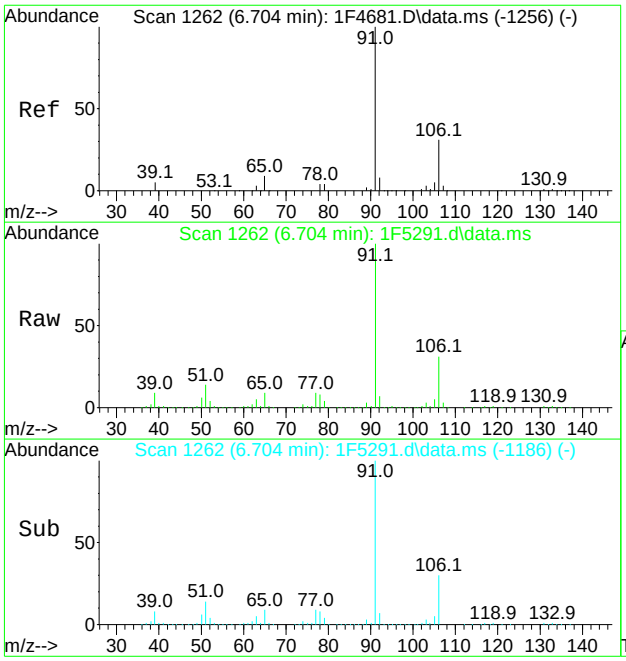


#86
1,1,1,2-tetrachloroethane
Concen: 52.1979 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:131 Resp: 141458

Ion	Ratio	Lower	Upper
131	100		
133	101.1	65.8	125.8
119	63.4	34.8	94.8

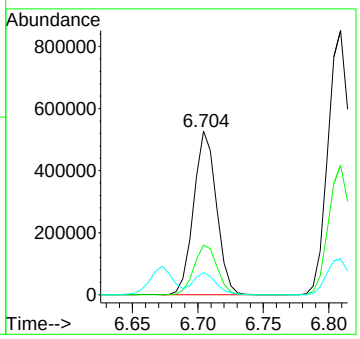


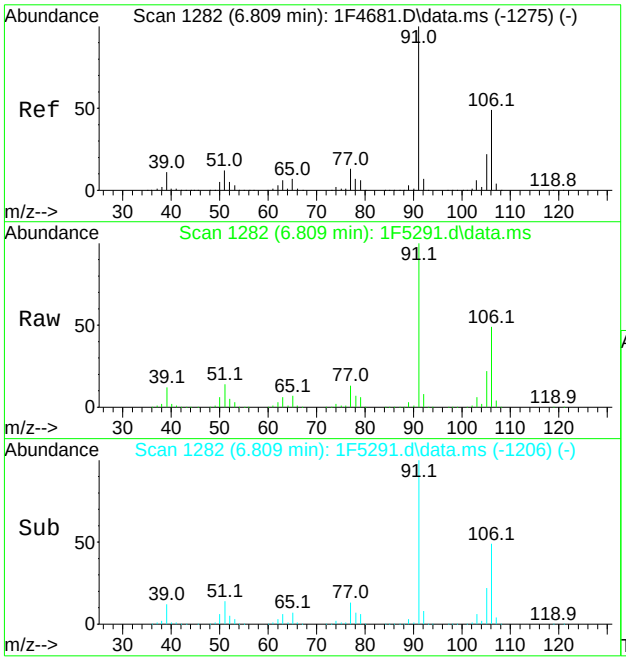


#87
ethylbenzene
Concen: 49.8694 ug/L
RT: 6.704 min Scan# 1262
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 91 Resp: 637293

Ion	Ratio	Lower	Upper
91	100		
106	30.6	1.1	61.1
51	13.5	0.0	41.8

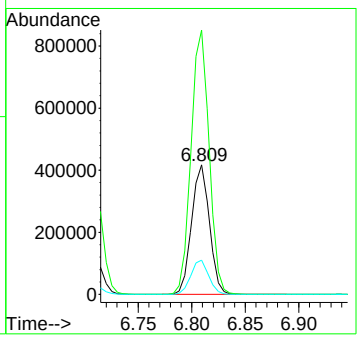


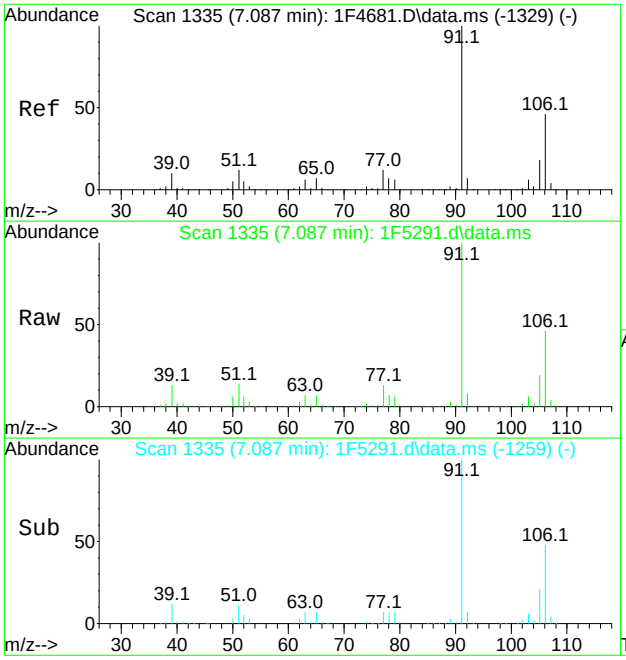


#88
m,p-xylene
Concen: 101.4961 ug/L
RT: 6.809 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:106 Resp: 483693

Ion	Ratio	Lower	Upper
106	100		
91	204.1	175.7	235.7
77	26.4	6.5	46.5

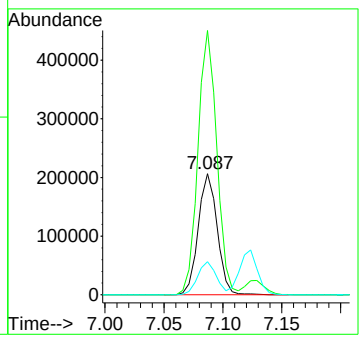


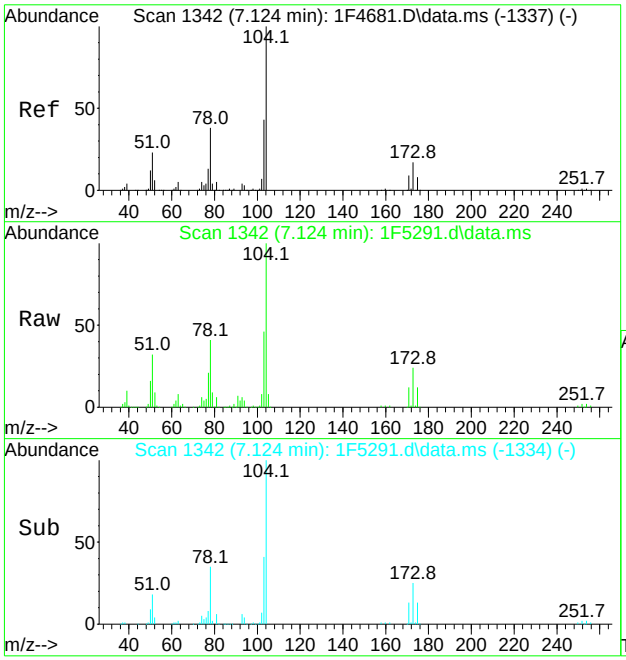


#89
o-xylene
Concen: 49.0662 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:106 Resp: 232107

Ion	Ratio	Lower	Upper
106	100		
91	218.2	187.1	247.1
77	27.4	5.8	45.8

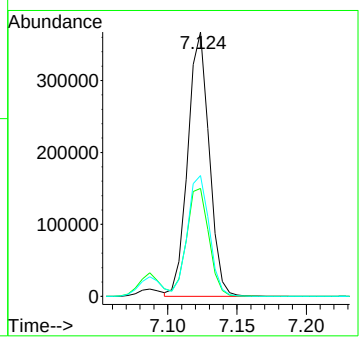


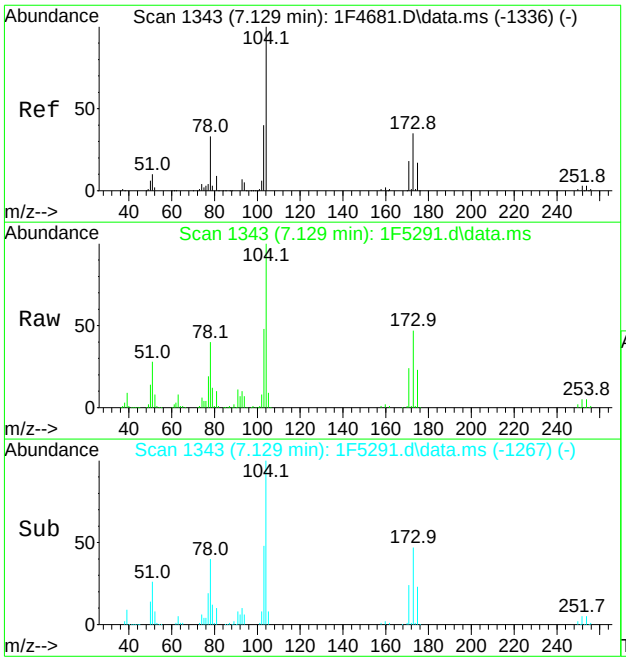


#90
styrene
Concen: 51.7148 ug/L
RT: 7.124 min Scan# 1342
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:104 Resp: 396727

Ion	Ratio	Lower	Upper
104	100		
78	40.9	11.5	71.5
103	45.7	16.4	76.4

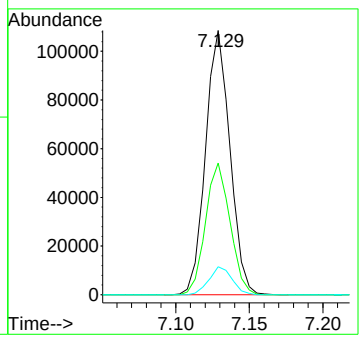


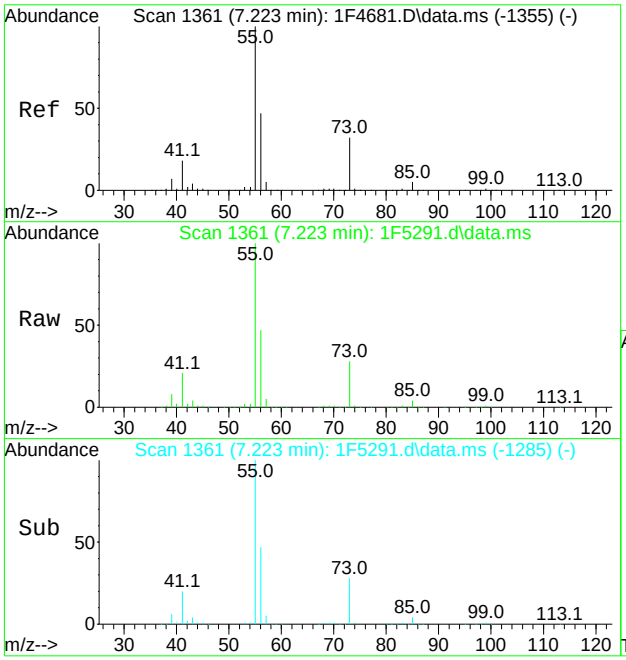


#91
bromoform
Concen: 54.2561 ug/L
RT: 7.129 min Scan# 1343
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:173 Resp: 124822

Ion	Ratio	Lower	Upper
173	100		
175	49.9	18.2	78.2
254	10.6	0.0	39.2

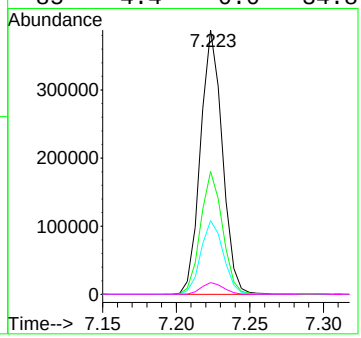


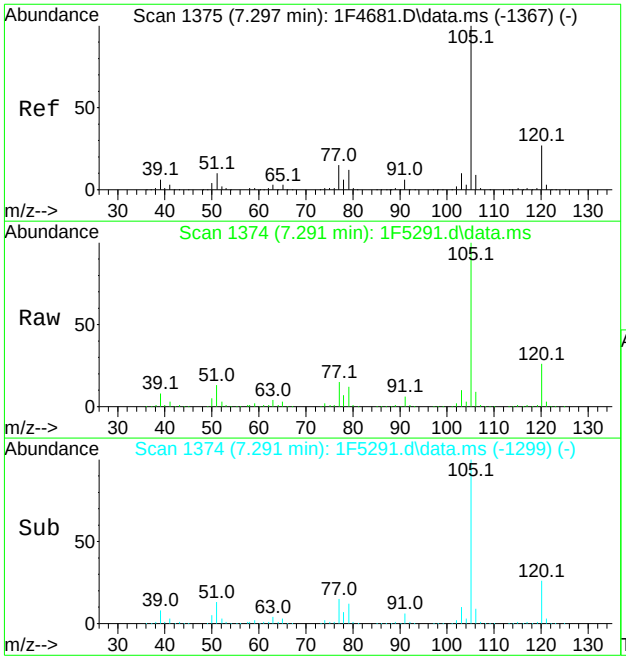


#92
butyl acrylate
Concen: 58.6270 ug/L
RT: 7.223 min Scan# 1361
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 55 Resp: 401617

Ion	Ratio	Lower	Upper
55	100		
56	46.5	16.7	76.7
73	27.9	1.8	61.8
85	4.4	0.0	34.8

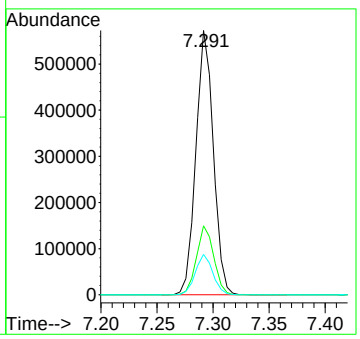


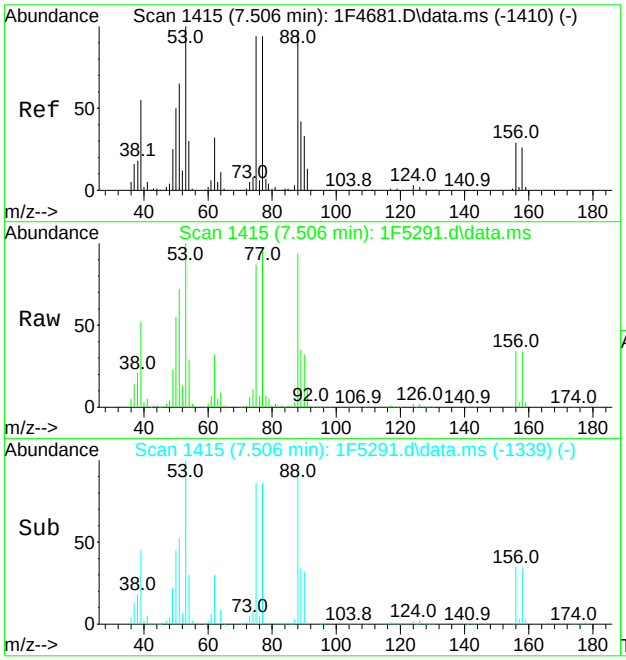


#93
isopropylbenzene
Concen: 51.2626 ug/L
RT: 7.291 min Scan# 1374
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:105 Resp: 619241

Ion	Ratio	Lower	Upper
105	100		
120	26.1	7.4	47.4
77	15.3	0.0	35.0

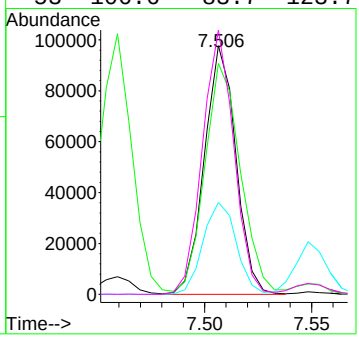


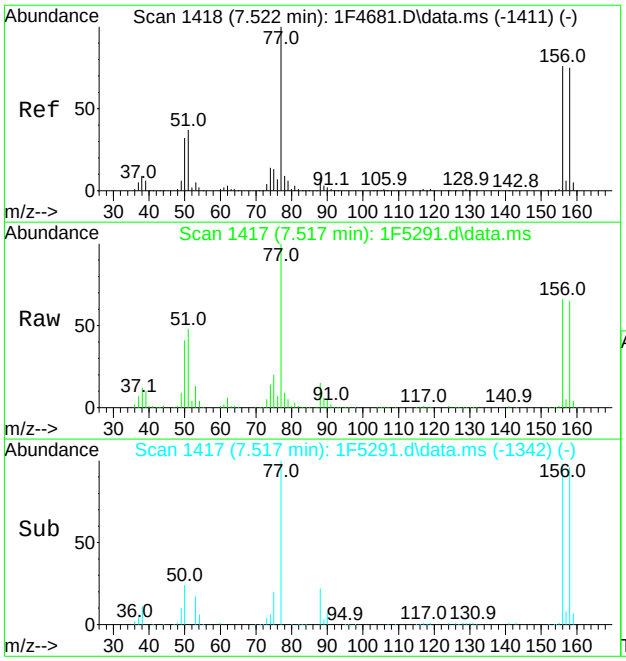


#94
cis-1,4-dichloro-2-butene
Concen: 59.8714 ug/L
RT: 7.506 min Scan# 1415
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 88 Resp: 100475

Ion	Ratio	Lower	Upper
88	100		
75	91.3	77.0	117.0
89	37.1	23.1	63.1
53	106.6	83.7	123.7

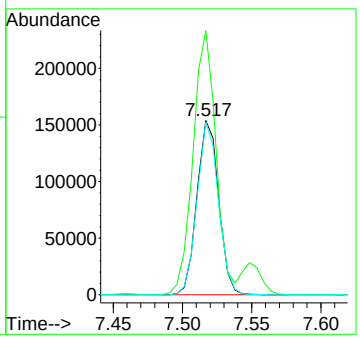


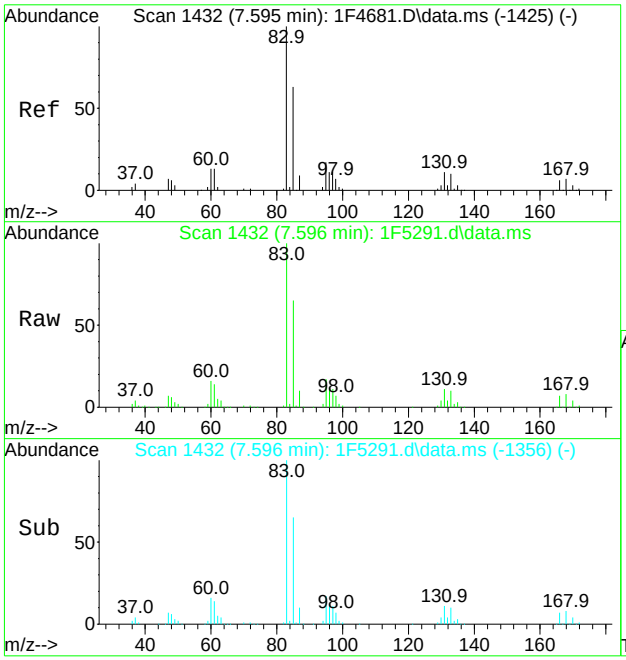


#97
bromobenzene
Concen: 50.1702 ug/L
RT: 7.517 min Scan# 1417
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:156 Resp: 167267

Ion	Ratio	Lower	Upper
156	100		
77	151.6	100.9	160.9
158	99.0	68.7	128.7

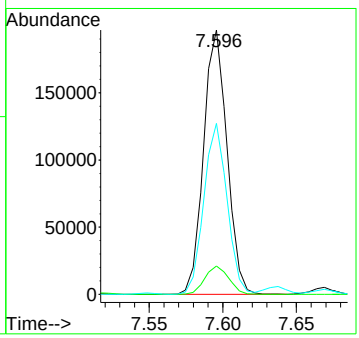


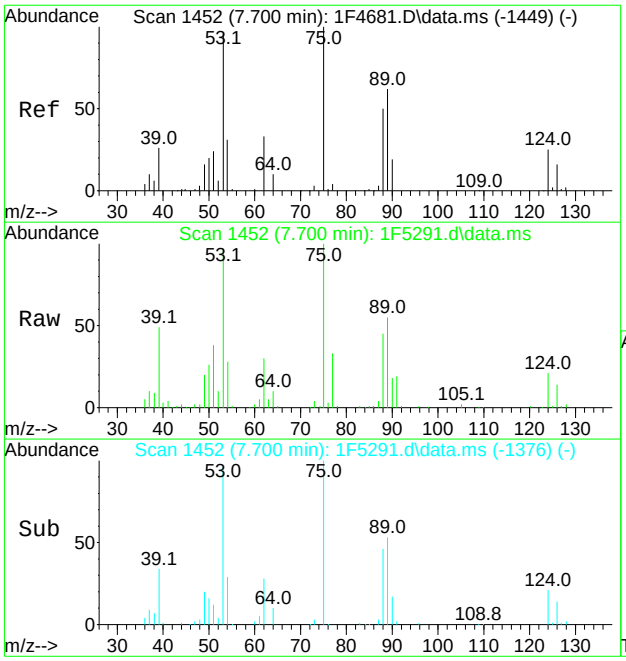


#98
1,1,2,2-tetrachloroethane
Concen: 52.8456 ug/L
RT: 7.596 min Scan# 1432
Delta R.T. 0.001 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 83 Resp: 216867

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	40.8
85	64.5	33.2	93.2

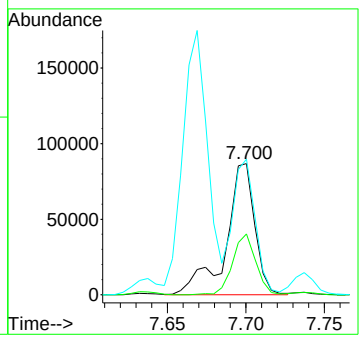


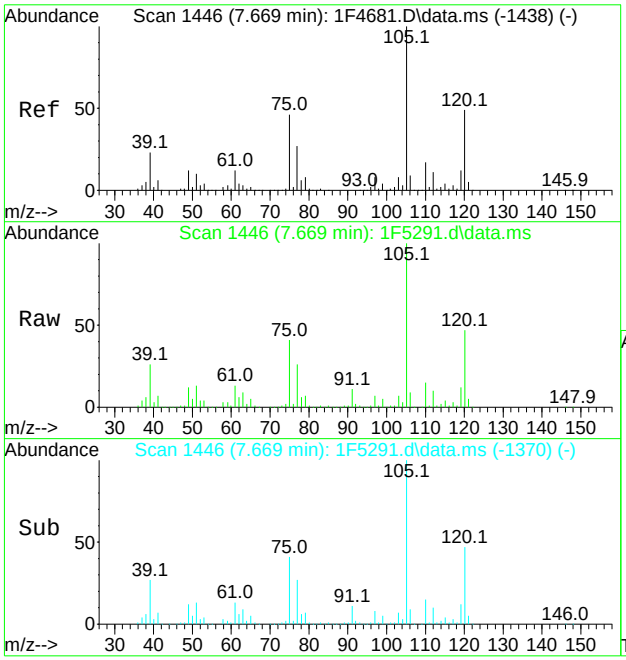


#99
trans-1,4-dichloro-2-butene
Concen: 74.7348 ug/L
RT: 7.700 min Scan# 1452
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 53 Resp: 111971

Ion	Ratio	Lower	Upper
53	100		
88	45.9	18.2	78.2
75	97.9	87.5	147.5

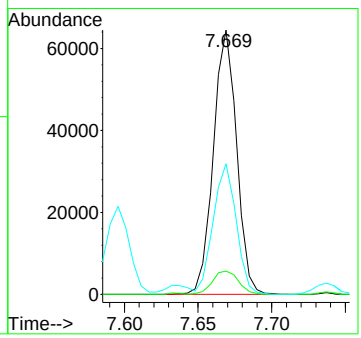


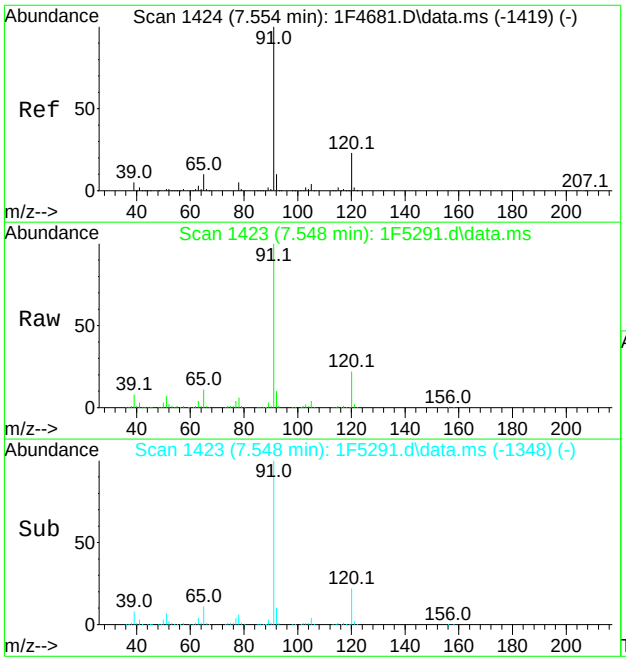


#100
1,2,3-trichloropropane
Concen: 51.4863 ug/L
RT: 7.669 min Scan# 1446
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:110 Resp: 70762

Ion	Ratio	Lower	Upper
110	100		
111	8.8	0.0	40.2
97	49.4	18.4	78.4

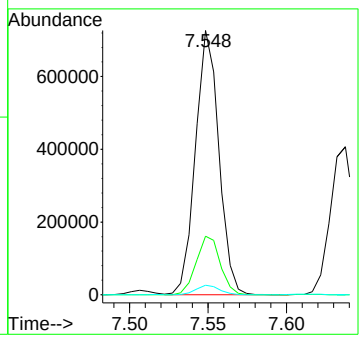


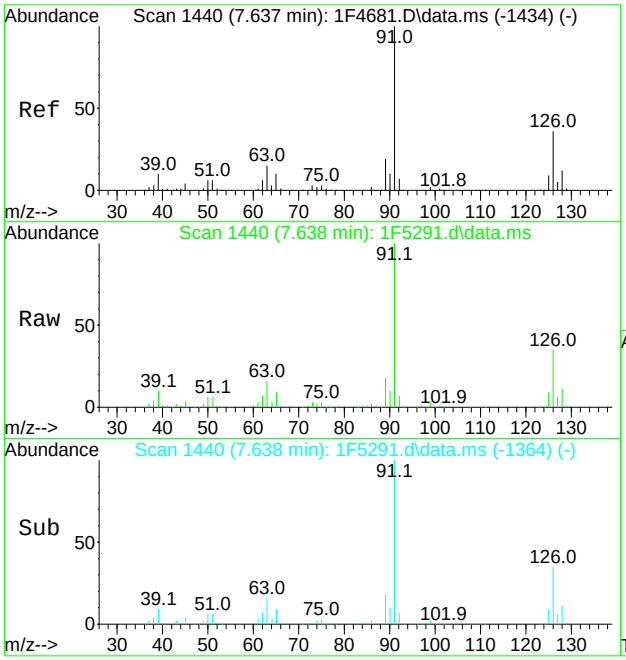


#101
n-propylbenzene
Concen: 50.6887 ug/L
RT: 7.548 min Scan# 1423
Delta R.T. -0.006 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 91 Resp: 752577

Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	52.5
105	3.5	0.0	33.7

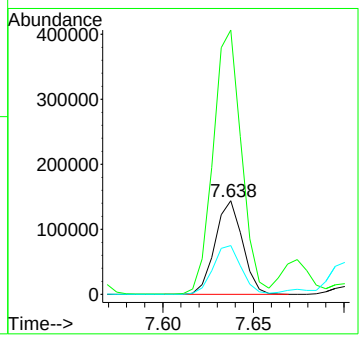


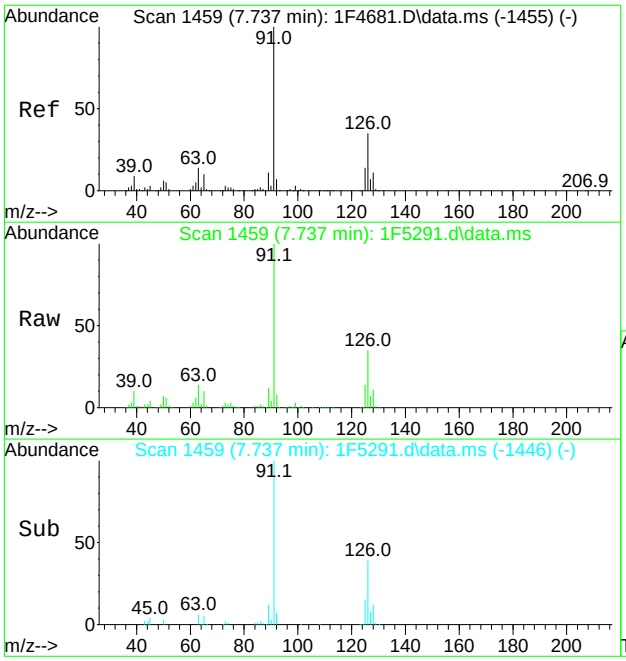


#102
2-chlorotoluene
Concen: 49.7336 ug/L
RT: 7.638 min Scan# 1440
Delta R.T. 0.001 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:126 Resp: 151251

Ion	Ratio	Lower	Upper
126	100		
91	281.9	247.5	307.5
89	52.1	21.5	81.5

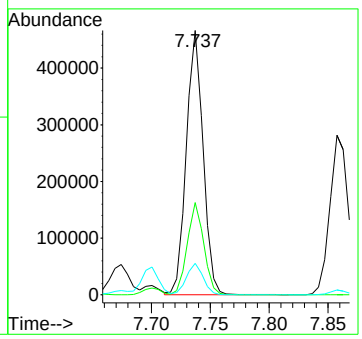


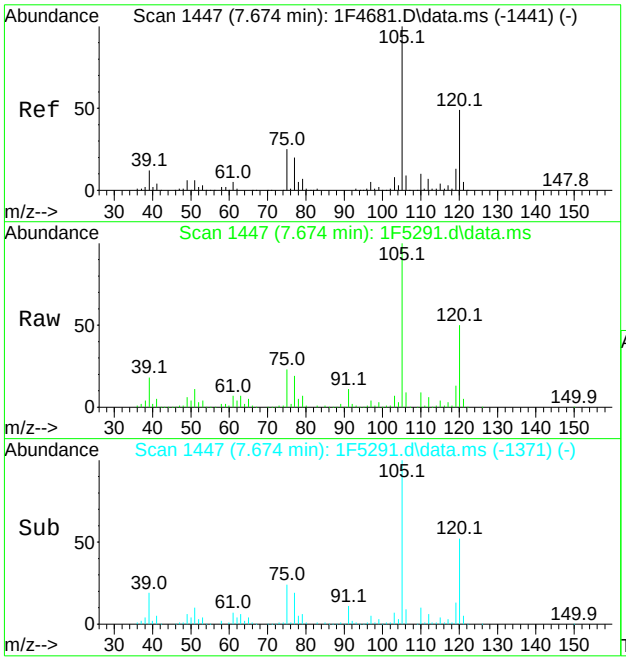


#103
4-chlorotoluene
Concen: 50.1084 ug/L
RT: 7.737 min Scan# 1459
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 91 Resp: 462549

Ion	Ratio	Lower	Upper
91	100		
126	34.9	4.6	64.6
89	11.9	0.0	41.6

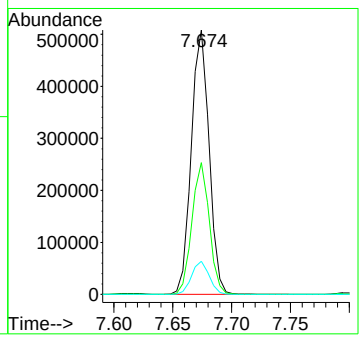


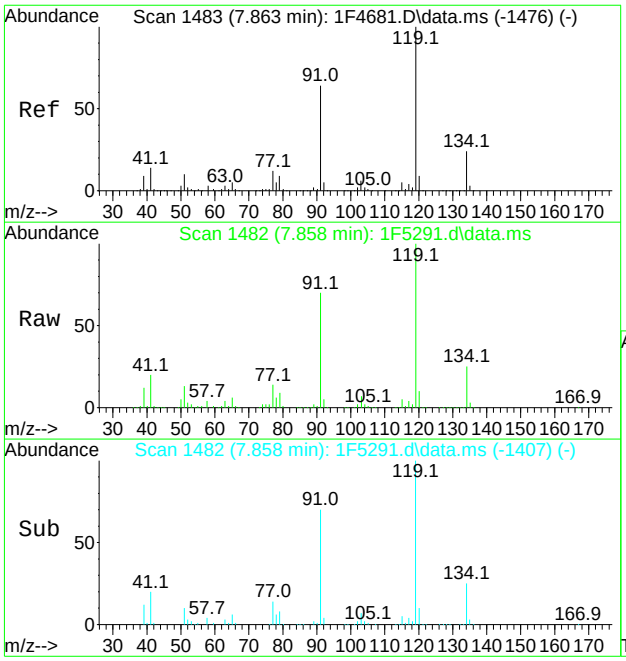


#104
1,3,5-trimethylbenzene
Concen: 51.3660 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:105 Resp: 534045

Ion	Ratio	Lower	Upper
105	100		
120	49.9	18.8	78.8
119	12.5	0.0	42.6

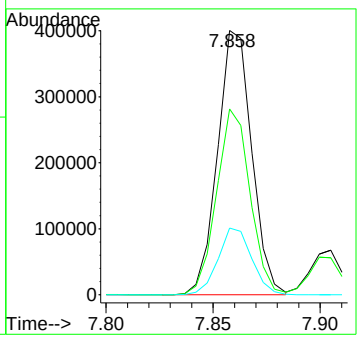


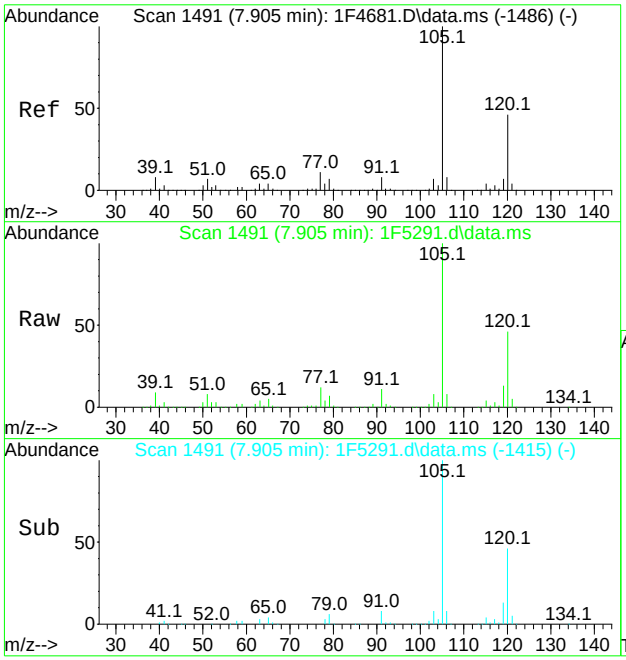


#105
tert-butylbenzene
Concen: 49.7646 ug/L
RT: 7.858 min Scan# 1482
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:119 Resp: 445212

Ion	Ratio	Lower	Upper
119	100		
91	70.2	33.5	93.5
134	25.2	0.0	54.1

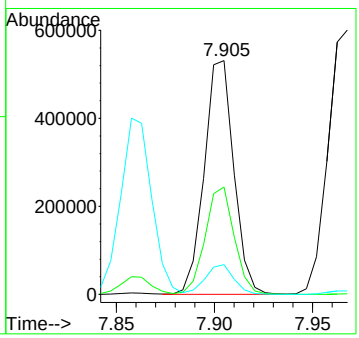


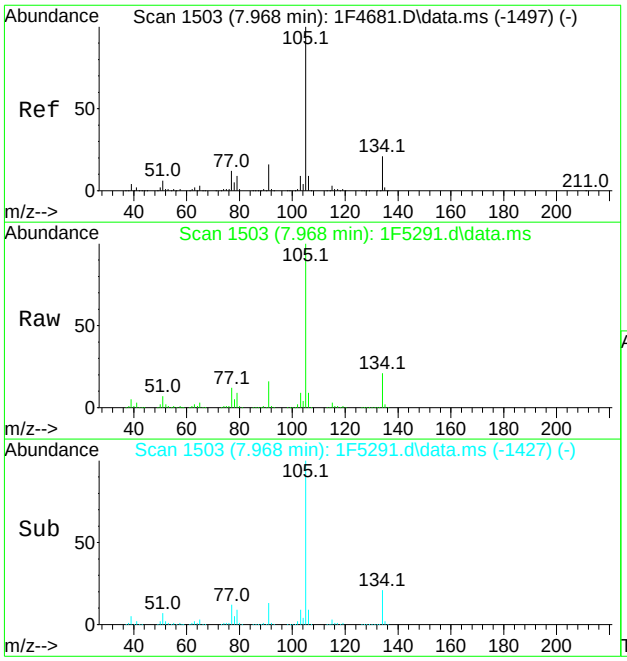


#106
1,2,4-trimethylbenzene
Concen: 51.4392 ug/L
RT: 7.905 min Scan# 1491
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:105 Resp: 557410

Ion	Ratio	Lower	Upper
105	100		
120	45.9	16.3	76.3
119	12.7	0.0	41.6

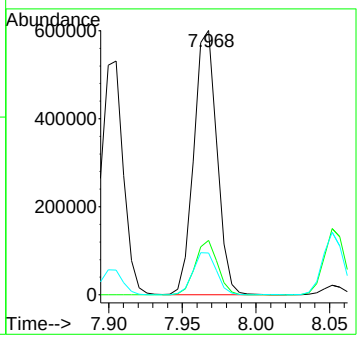


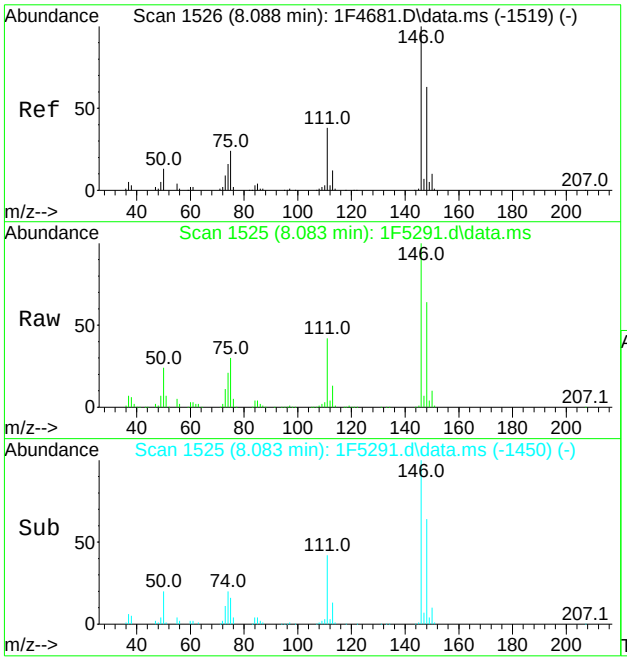


#107
sec-butylbenzene
Concen: 51.1286 ug/L
RT: 7.968 min Scan# 1503
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:105 Resp: 653558

Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	50.6
91	15.8	0.0	45.9

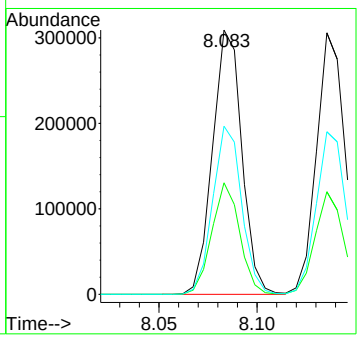


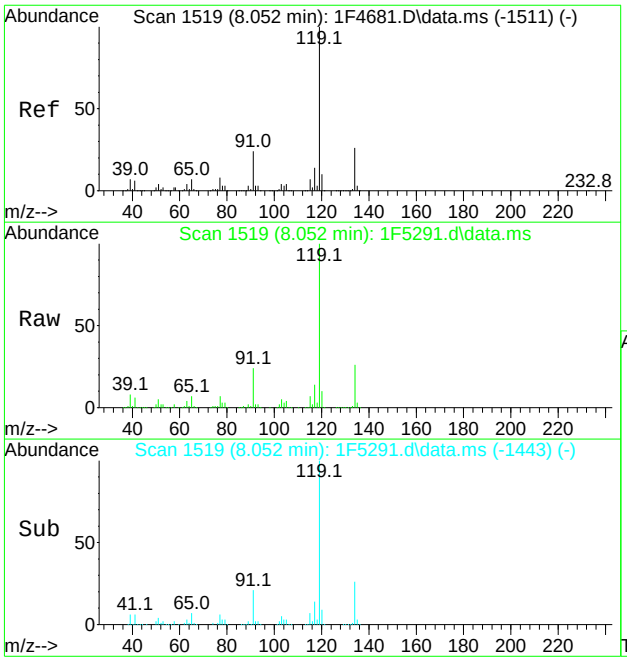


#108
1,3-dichlorobenzene
Concen: 50.8032 ug/L
RT: 8.083 min Scan# 1525
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:146 Resp: 321612

Ion	Ratio	Lower	Upper
146	100		
111	42.2	7.9	67.9
148	63.6	33.0	93.0

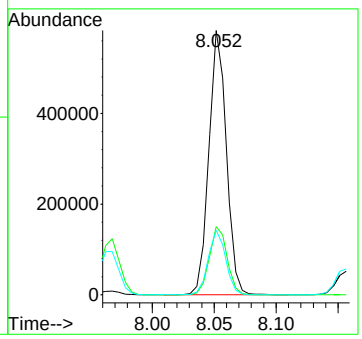


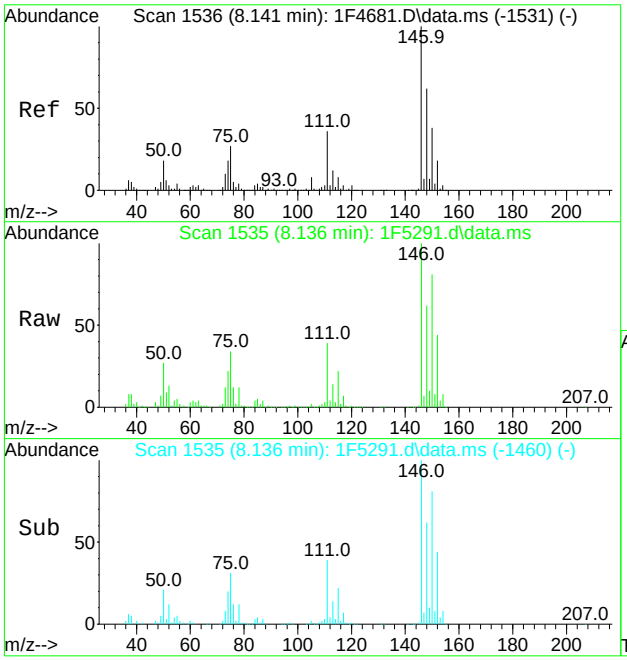


#109
p-isopropyltoluene
Concen: 52.1298 ug/L
RT: 8.052 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:119 Resp: 571277

Ion	Ratio	Lower	Upper
119	100		
134	25.8	0.0	56.3
91	24.3	0.0	54.0

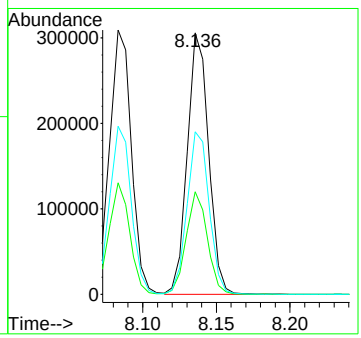


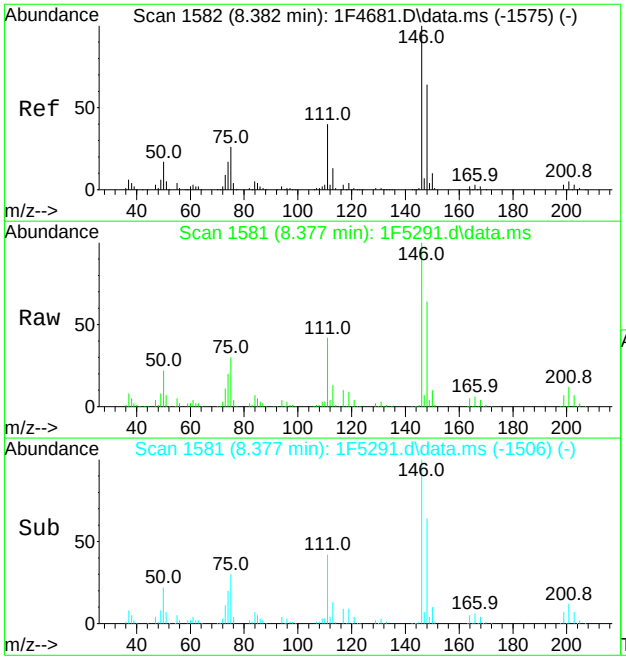


#110
1,4-dichlorobenzene
Concen: 48.6202 ug/L
RT: 8.136 min Scan# 1535
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:146 Resp: 308371

Ion	Ratio	Lower	Upper
146	100		
111	39.2	6.4	66.4
148	62.2	32.0	92.0

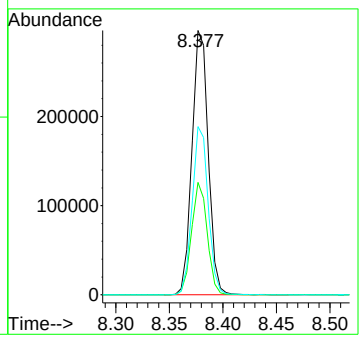


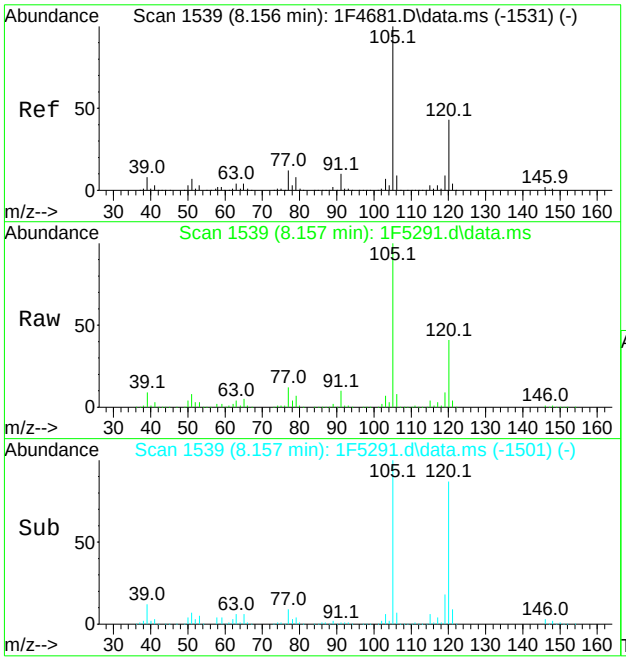


#111
1,2-dichlorobenzene
Concen: 50.4942 ug/L
RT: 8.377 min Scan# 1581
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:146 Resp: 313261

Ion	Ratio	Lower	Upper
146	100		
111	42.5	9.9	69.9
148	63.6	33.9	93.9

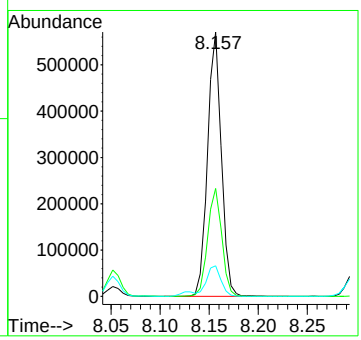


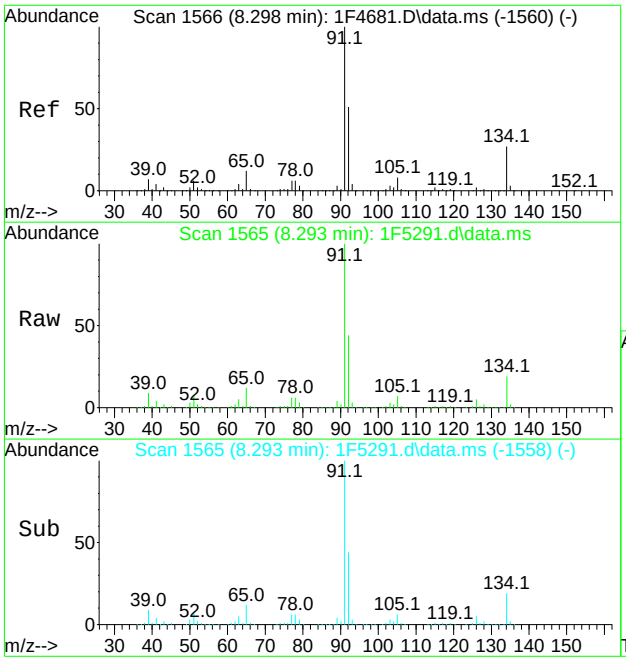


#112
1,2,3-trimethylbenzene
Concen: 49.4696 ug/L
RT: 8.157 min Scan# 1539
Delta R.T. 0.001 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:105 Resp: 558121

Ion	Ratio	Lower	Upper
105	100		
120	40.9	12.6	72.6
77	11.6	0.0	42.0

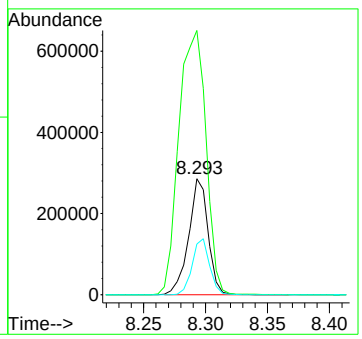


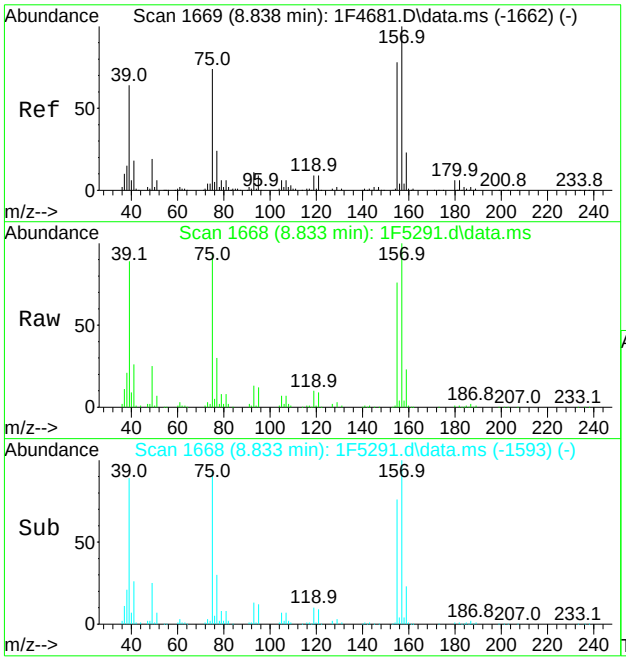


#113
n-butylbenzene
Concen: 54.7198 ug/L
RT: 8.293 min Scan# 1565
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion: 92 Resp: 310171

Ion	Ratio	Lower	Upper
92	100		
91	227.4	166.9	226.9#
134	43.8	23.2	83.2

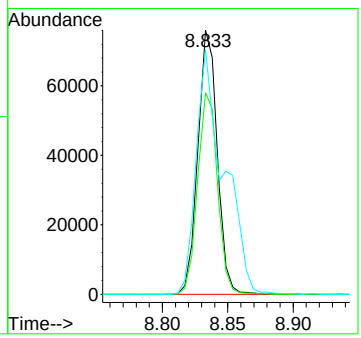


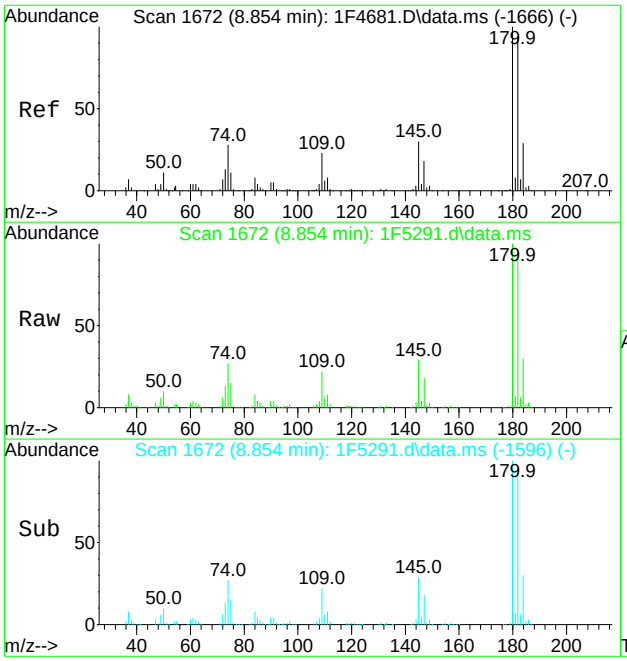


#114
1,2-dibromo-3-chloropropane
Concen: 51.5791 ug/L
RT: 8.833 min Scan# 1668
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:157 Resp: 78311

Ion	Ratio	Lower	Upper
157	100		
155	76.3	47.9	107.9
75	92.6	43.7	103.7

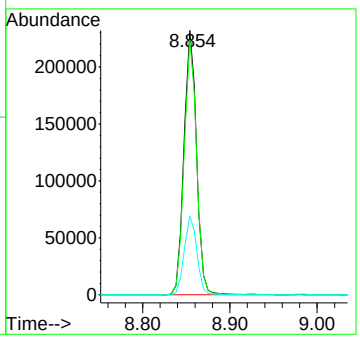


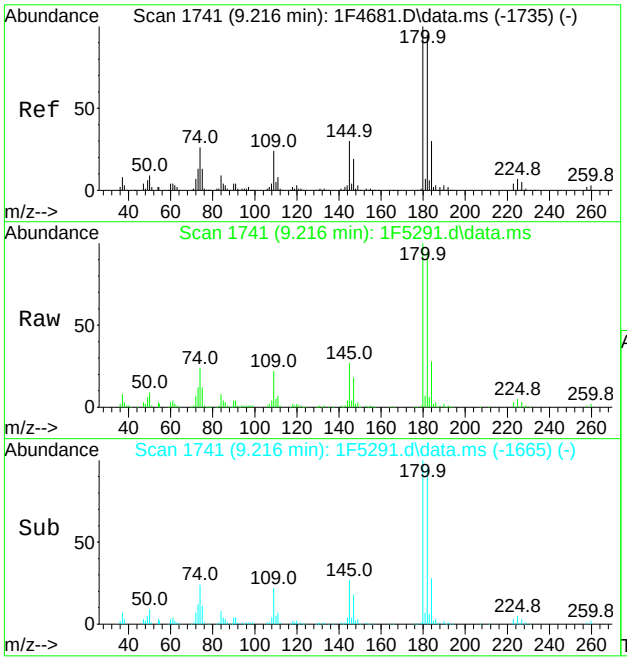


#115
1,3,5-trichlorobenzene
Concen: 52.0878 ug/L
RT: 8.854 min Scan# 1672
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:180 Resp: 231599

Ion	Ratio	Lower	Upper
180	100		
182	96.3	73.8	113.8
184	29.9	9.5	49.5

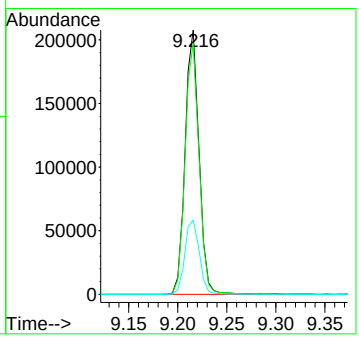


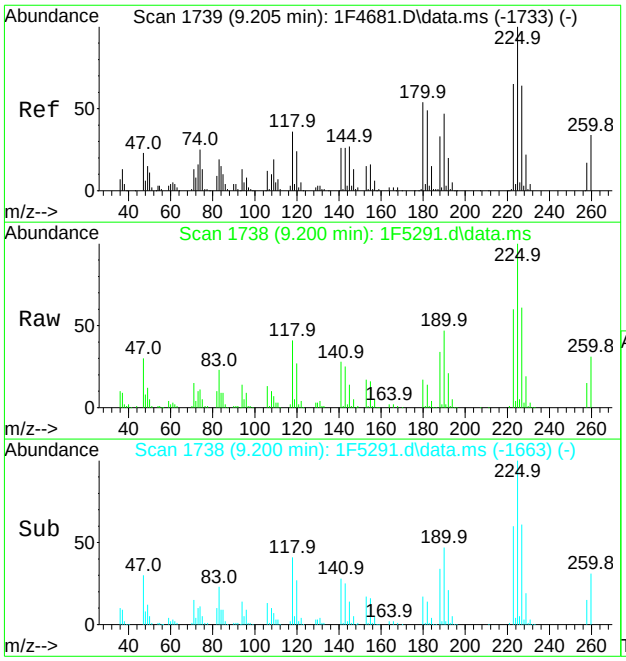


#116
1,2,4-trichlorobenzene
Concen: 52.4443 ug/L
RT: 9.216 min Scan# 1741
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:180 Resp: 205466

Ion	Ratio	Lower	Upper
180	100		
182	94.9	65.0	125.0
184	28.1	0.0	60.0

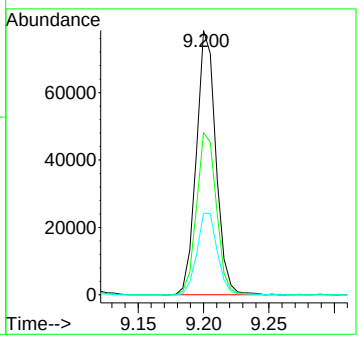


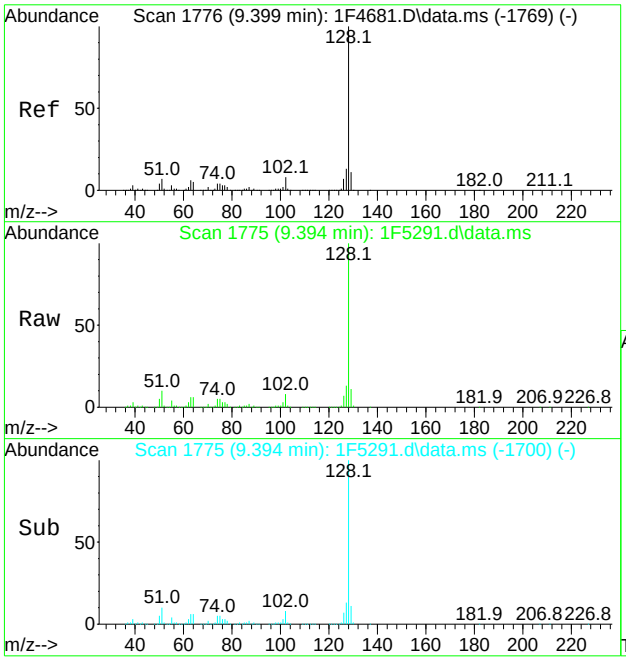


#117
hexachlorobutadiene
Concen: 55.4755 ug/L
RT: 9.200 min Scan# 1738
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:225 Resp: 81230

Ion	Ratio	Lower	Upper
225	100		
227	61.3	33.6	93.6
260	30.8	3.6	63.6

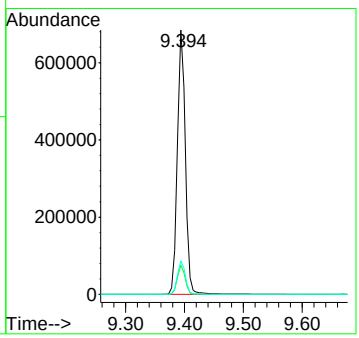


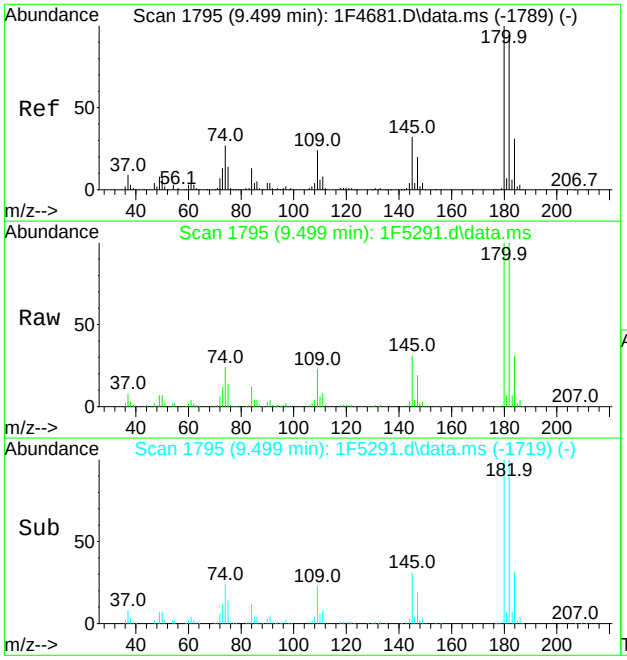


#118
naphthalene
Concen: 52.4400 ug/L
RT: 9.394 min Scan# 1775
Delta R.T. -0.005 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:128 Resp: 649258

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.7
127	12.7	0.0	43.1

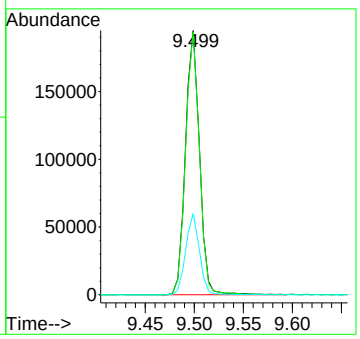


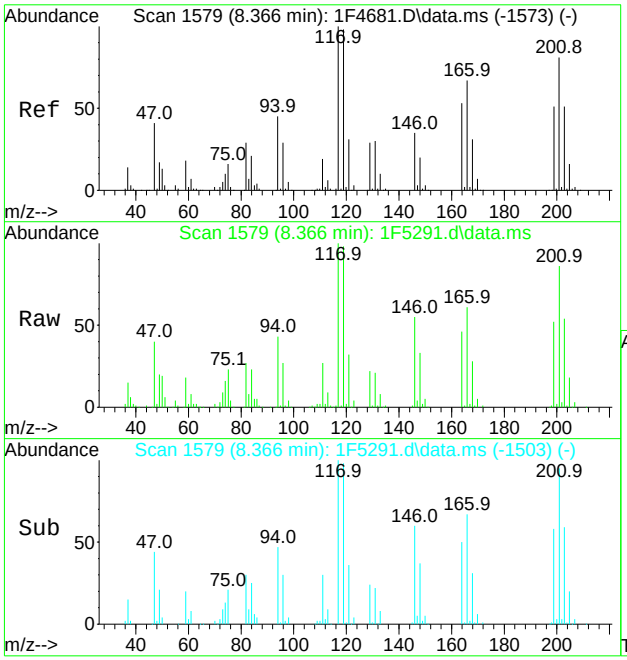


#119
1,2,3-trichlorobenzene
Concen: 52.2922 ug/L
RT: 9.499 min Scan# 1795
Delta R.T. -0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:180 Resp: 194646

Ion	Ratio	Lower	Upper
180	100		
182	99.5	65.1	125.1
184	30.7	1.2	61.2

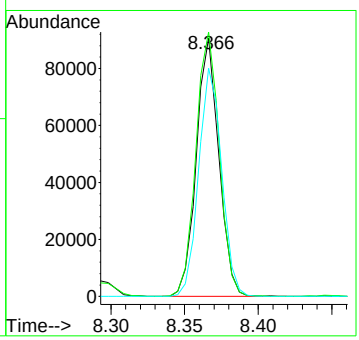


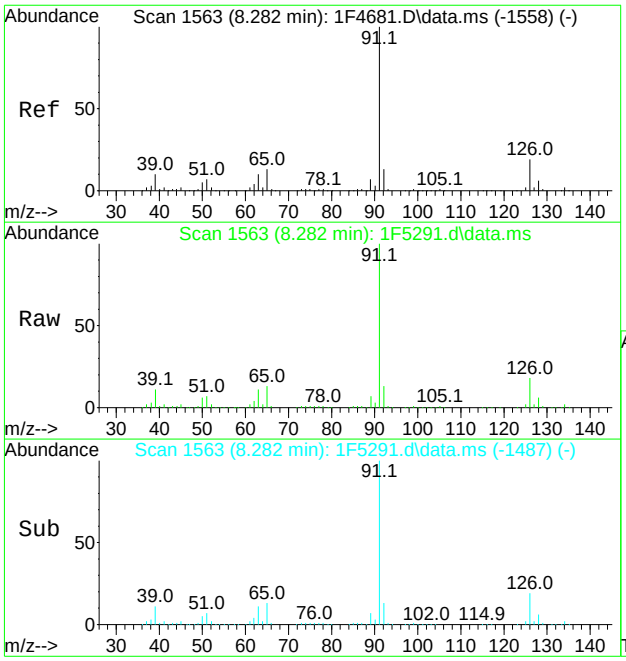


#120
hexachloroethane
Concen: 58.5465 ug/L
RT: 8.366 min Scan# 1579
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:119 Resp: 96180

Ion	Ratio	Lower	Upper
119	100		
117	102.4	72.4	132.4
201	88.3	52.5	112.5

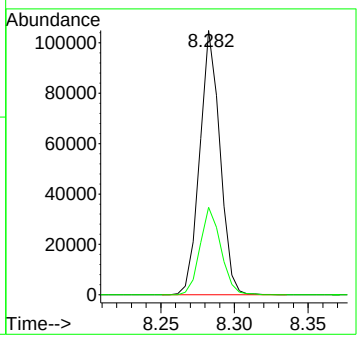


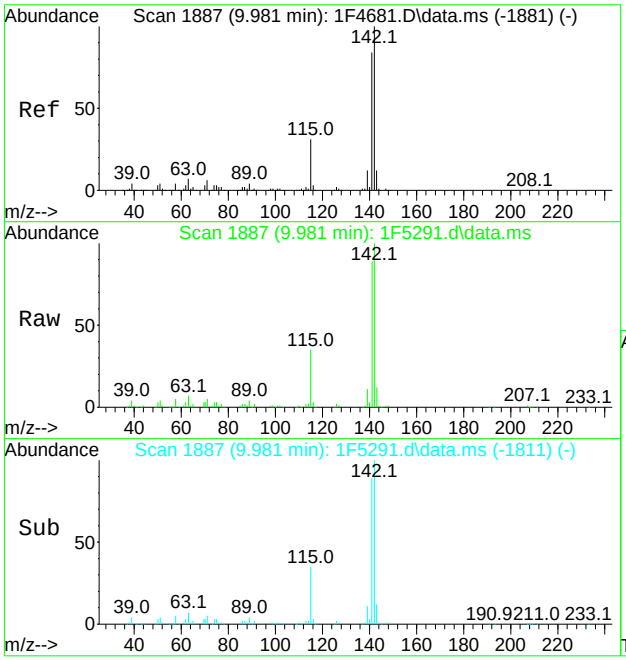


#121
benzyl chloride
Concen: 64.0168 ug/L
RT: 8.282 min Scan# 1563
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:126 Resp: 99692

Ion	Ratio	Lower	Upper
126	100		
128	33.1	0.7	60.7

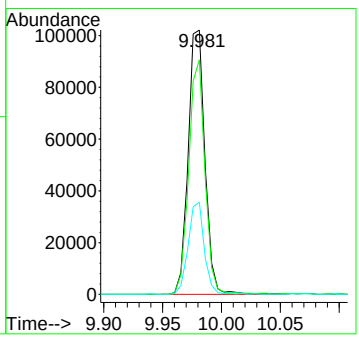




#122
2-methylnaphthalene
Concen: 20.5543 ug/L
RT: 9.981 min Scan# 1887
Delta R.T. 0.000 min
Lab File: 1F5291.d
Acq: 19 May 2023 11:38 am

Tgt Ion:142 Resp: 101499

Ion	Ratio	Lower	Upper
142	100		
141	88.7	54.1	114.1
115	34.9	0.6	60.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355920.d
Acq On : 22 May 2023 9:40 am
Operator : louied
Sample : bs Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 10:08:03 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	177204	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	251767	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.767	114	382575	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	358206	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	136112	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	251767	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	136112	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	110850	53.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.82%			
52) 1,2-dichloroethane-d4 (s)	4.462	65	131069	48.49	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 96.98%			
73) toluene-d8 (s)	5.906	98	450437	47.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.02%			
96) 4-bromofluorobenzene (s)	8.229	95	170364	53.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.14%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.190	88	15508	1256.5194	ug/L	86
3) ethanol	2.427	45	120487	4273.2870	ug/L	95
4) tertiary butyl alcohol	3.050	59	136259	226.0174	ug/L	95
6) chlorodifluoromethane	1.612	51	273268	40.4286	ug/L #	95
7) dichlorodifluoromethane	1.596	85	277304	54.6037	ug/L	99
8) chloromethane	1.754	50	260283	46.9376	ug/L	99
9) vinyl chloride	1.834	62	238419	55.3772	ug/L	98
10) 1,3-butadiene	1.863	54	196977	41.8122	ug/L	99
11) bromomethane	2.084	96	84612	51.0717	ug/L	95
12) chloroethane	2.161	64	120598	54.6181	ug/L	98
13) trichlorofluoromethane	2.341	101	240700	53.1151	ug/L	98
14) ethyl ether	2.517	74	104270	52.2139	ug/L	92
15) acrolein	2.620	56	55845	56.2916	ug/L	91
16) freon 113	2.691	151	109543	45.1296	ug/L	90
17) 1,1-dichloroethene	2.694	96	114495	48.7879	ug/L	90
18) acetone	2.707	58	110534	217.2118	ug/L	91
19) acetonitrile	2.896	40	151385	513.4264	ug/L	99
20) iodomethane	2.809	142	116054	45.7312	ug/L	98
21) iso-butyl alcohol	4.350	43	99678	525.5701	ug/L	97
22) carbon disulfide	2.870	76	433759	44.0838	ug/L	96
23) methylene chloride	3.021	84	142246	49.1417	ug/L	85
24) methyl acetate	2.909	74	40922	56.6773	ug/L	95
25) methyl tert butyl ether	3.185	73	455505	48.5544	ug/L	95
26) trans-1,2-dichloroethene	3.204	96	123748	45.7575	ug/L	93
27) hexane	3.380	57	276114	39.3713	ug/L	95
28) di-isopropyl ether	3.486	45	545973	38.8133	ug/L	90
29) ethyl tert-butyl ether	3.733	59	529203	44.6193	ug/L	95
30) 2-butanone	3.852	72	122725	243.3552	ug/L #	62
31) 1,1-dichloroethane	3.496	63	258521	42.5340	ug/L	92
32) chloroprene	3.547	53	241870	38.4822	ug/L	92
33) acrylonitrile	3.165	53	103303	50.1003	ug/L	97
34) vinyl acetate	3.470	86	41426	60.1760	ug/L #	49
35) ethyl acetate	3.865	45	40794	46.3708	ug/L #	59
36) 2,2-dichloropropane	3.891	77	191210	42.5515	ug/L	95
37) cis-1,2-dichloroethene	3.881	96	134193	46.1162	ug/L	96
38) propionitrile	3.900	54	303649	457.5621	ug/L	98
39) methyl acrylate	3.907	85	30033	54.0724	ug/L #	94
40) bromochloromethane	4.045	128	63387	48.0713	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355920.d
Acq On : 22 May 2023 9:40 am
Operator : louied
Sample : bs Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 10:08:03 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.054	72	32745	56.0379	ug/L		90
42) chloroform	4.099	83	233908	44.5061	ug/L		98
44) methacrylonitrile	4.009	67	90257	52.2793	ug/L		87
45) 1,1,1-trichloroethane	4.240	97	186077	46.4268	ug/L		97
46) cyclohexane	4.295	84	211354	48.0065	ug/L		89
47) 1,1-dichloropropene	4.343	75	174071	44.6252	ug/L		97
48) carbon tetrachloride	4.353	117	151341	42.7480	ug/L		98
49) isopropyl acetate	4.462	87	43567	53.2712	ug/L	#	63
50) tert amyl alcohol	4.439	55	48637	271.4886	ug/L	#	85
53) tert-amyl methyl ether	4.552	73	410396	42.4256	ug/L		93
54) 2,2,4-trimethylpentane	4.552	57	427200	34.2697	ug/L		98
55) n-butyl alcohol	4.824	56	249985	2831.1472	ug/L		98
56) benzene	4.491	78	502411	41.3451	ug/L		97
57) heptane	4.667	57	112404	38.3951	ug/L		91
58) 1,2-dichloroethane	4.516	62	184962	41.1616	ug/L		100
59) trichloroethene	4.959	95	139765	43.4918	ug/L		97
60) ethyl acrylate	4.975	55	277381	41.8946	ug/L		99
61) 2-nitropropane	5.505	41	72676	45.3909	ug/L		96
62) 2-chloroethyl vinyl ether	5.537	63	351480	227.9599	ug/L		95
63) methyl methacrylate	5.155	100	47203	47.9965	ug/L	#	73
64) 1,2-dichloropropane	5.155	63	155359	39.9997	ug/L		96
65) methylcyclohexane	5.145	83	247706	42.2699	ug/L		87
66) dibromomethane	5.222	93	84812	44.6976	ug/L		95
67) bromodichloromethane	5.341	83	193430	42.9335	ug/L		92
68) cis-1,3-dichloropropene	5.681	75	256214	44.3186	ug/L		94
69) epichlorohydrin	5.588	57	119691	231.8501	ug/L		98
70) 4-methyl-2-pentanone	5.777	58	376198	176.4928	ug/L		91
71) 3-methyl-1-butanol	5.800	70	105236	1144.9342	ug/L	#	82
74) toluene	5.964	92	325410	41.1154	ug/L		97
75) trans-1,3-dichloropropene	6.134	75	239793	42.6201	ug/L		91
76) ethyl methacrylate	6.153	69	221798	43.0984	ug/L		90
77) 1,1,2-trichloroethane	6.304	83	121005	43.2770	ug/L		99
78) 2-hexanone	6.467	58	382335	164.9419	ug/L		91
79) tetrachloroethene	6.397	166	134926	40.8251	ug/L		93
80) 1,3-dichloropropane	6.448	76	233183	42.6534	ug/L		98
81) butyl acetate	6.551	56	154042	41.5221	ug/L		98
82) dibromochloromethane	6.637	129	142297	42.4465	ug/L		97
83) 1,2-dibromoethane	6.750	107	143895	43.4993	ug/L		98
84) n-butyl ether	7.225	57	638481	38.4425	ug/L		93
85) chlorobenzene	7.177	112	351684	42.5611	ug/L		99
86) 1,1,1,2-tetrachloroethane	7.247	131	112418	39.2026	ug/L		100
87) ethylbenzene	7.254	91	561702	40.2544	ug/L		99
88) m,p-xylene	7.366	106	446424	78.6952	ug/L		96
89) o-xylene	7.722	106	227831	39.2107	ug/L		91
90) butyl acrylate	7.645	55	389714	40.0316	ug/L		96
91) styrene	7.738	104	370996	40.6968	ug/L		99
92) bromoform	7.915	173	101680	41.1806	ug/L		98
93) isopropylbenzene	8.059	105	574910	39.7371	ug/L		98
94) cis-1,4-dichloro-2-butene	8.114	88	73656	45.7590	ug/L		96
97) bromobenzene	8.373	156	131112	44.2296	ug/L		85
98) 1,1,2,2-tetrachloroethane	8.341	83	213651	49.5228	ug/L		99
99) trans-1,4-dichloro-2-b...	8.377	53	58771	42.4160	ug/L		94
100) 1,2,3-trichloropropane	8.406	110	54802	47.5118	ug/L		94
101) n-propylbenzene	8.450	91	633660	42.3271	ug/L		99
102) 2-chlorotoluene	8.547	126	128241	44.0354	ug/L		95
103) 4-chlorotoluene	8.662	126	126744	44.9228	ug/L		95
104) 1,3,5-trimethylbenzene	8.621	105	444750	42.1496	ug/L		99
105) tert-butylbenzene	8.925	119	386181	43.8147	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355920.d
Acq On : 22 May 2023 9:40 am
Operator : louied
Sample : bs Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 10:08:03 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

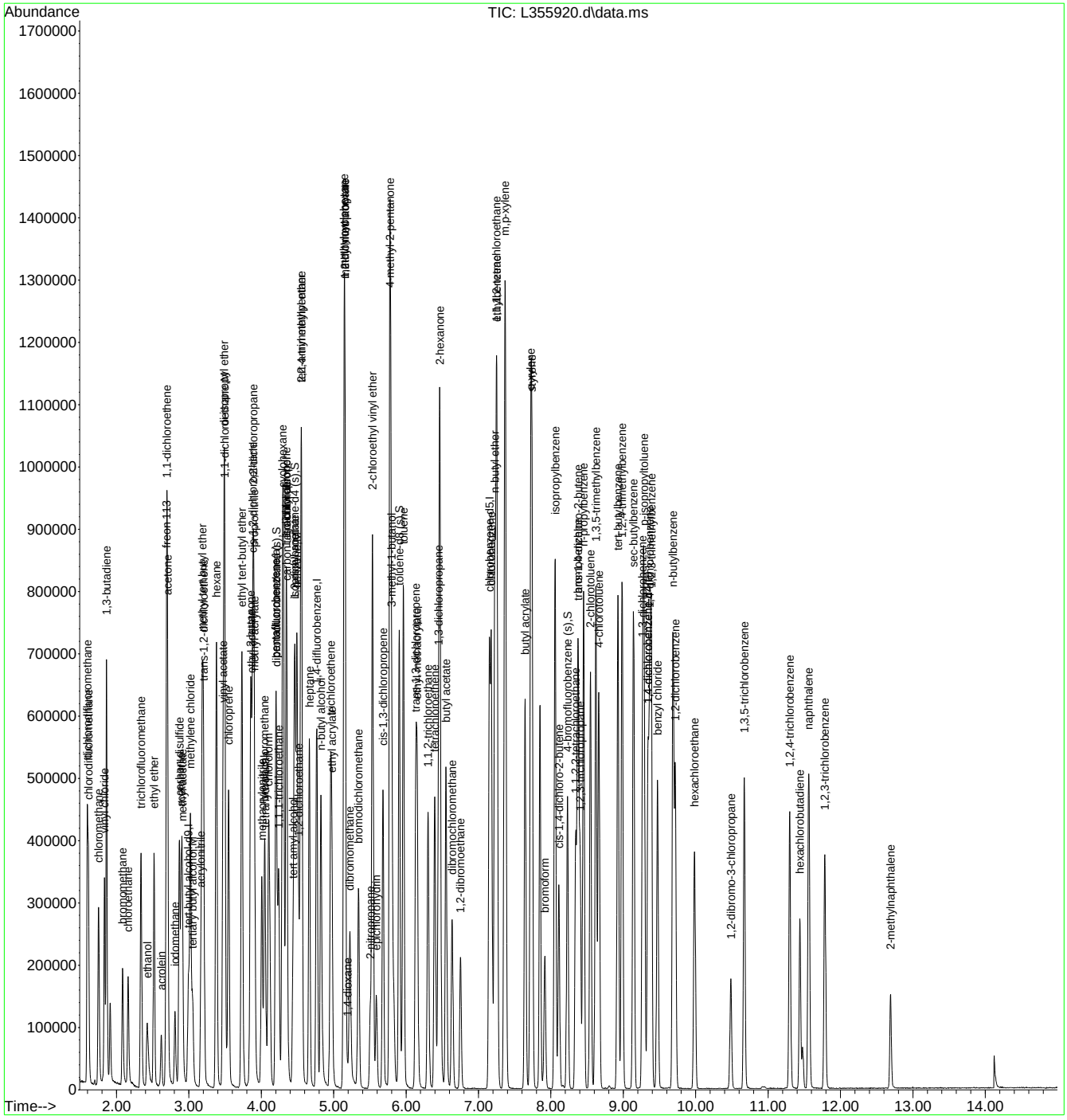
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.983	105	456521	43.2875	ug/L	98
107) sec-butylbenzene	9.140	105	558273	43.3651	ug/L	99
108) 1,3-dichlorobenzene	9.266	146	243380	47.3215	ug/L	99
109) p-isopropyltoluene	9.288	119	429793	43.3708	ug/L	99
110) 1,4-dichlorobenzene	9.365	146	210772	45.1306	ug/L	97
111) 1,2,3-trimethylbenzene	9.387	105	411524	42.9554	ug/L	99
112) 1,2-dichlorobenzene	9.718	146	215382	45.3213	ug/L	97
113) n-butylbenzene	9.686	92	231156	46.6915	ug/L	98
114) 1,2-dibromo-3-chloropr...	10.488	157	49853	53.8366	ug/L	96
115) 1,3,5-trichlorobenzene	10.671	180	163126	51.2565	ug/L	99
116) 1,2,4-trichlorobenzene	11.300	180	145780	56.2820	ug/L	93
117) hexachlorobutadiene	11.438	225	53351	44.4583	ug/L	97
118) naphthalene	11.560	128	414532	58.4478	ug/L	99
119) 1,2,3-trichlorobenzene	11.785	180	124488	56.1552	ug/L	97
120) hexachloroethane	9.984	119	87681	45.9696	ug/L	100
121) benzyl chloride	9.471	91	365706	49.4851	ug/L	98
122) 2-methylnaphthalene	12.693	142	74015	24.9616	ug/L	98

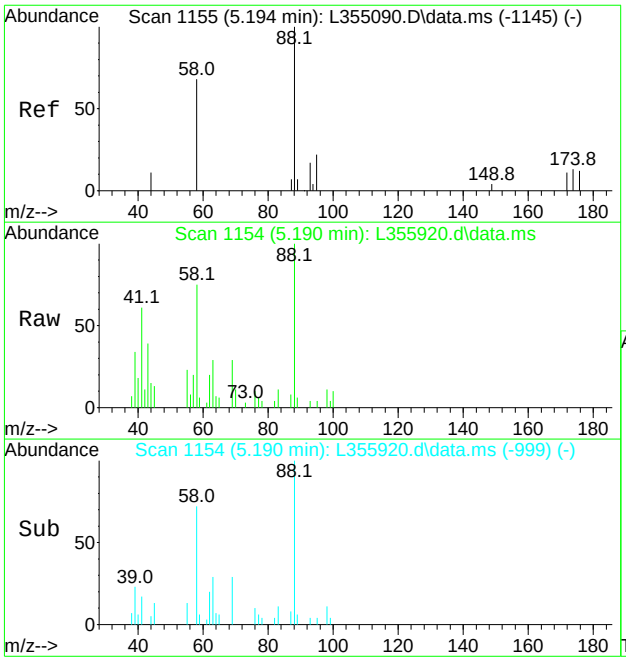
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355920.d
Acq On : 22 May 2023 9:40 am
Operator : louied
Sample : bs Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 10:08:03 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

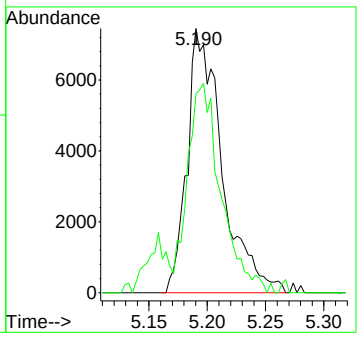


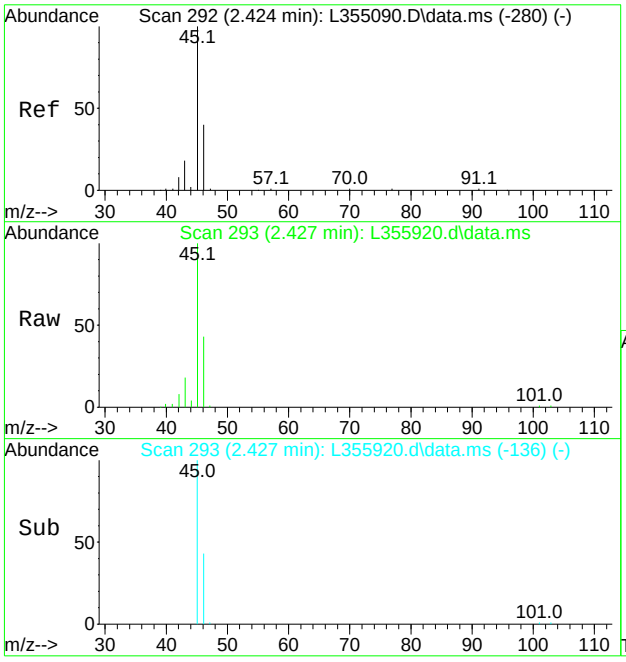


#2
1,4-dioxane
Concen: 1256.5194 ug/L
RT: 5.190 min Scan# 1154
Delta R.T. -0.004 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 88 Resp: 15508

Ion	Ratio	Lower	Upper
88	100		
58	70.2	53.2	113.2

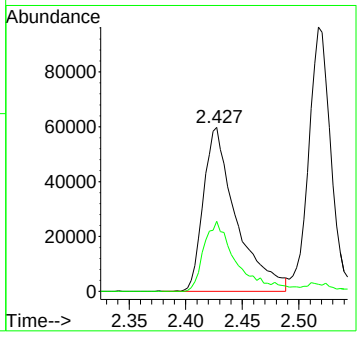


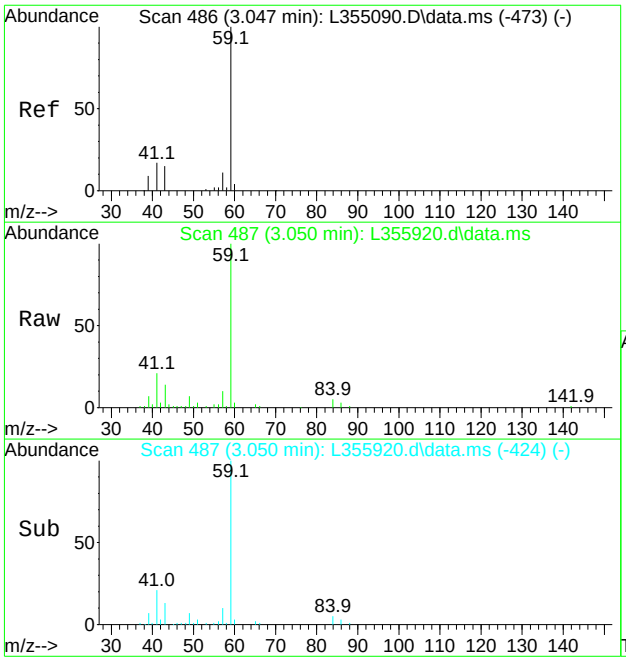


#3
ethanol
Concen: 4273.2870 ug/L
RT: 2.427 min Scan# 293
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 45 Resp: 120487

Ion	Ratio	Lower	Upper
45	100		
46	42.8	20.0	60.0

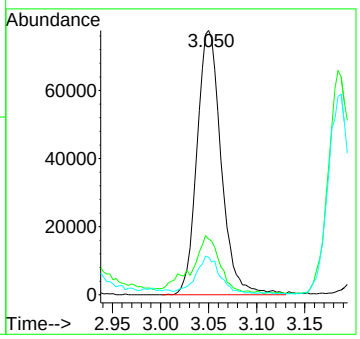


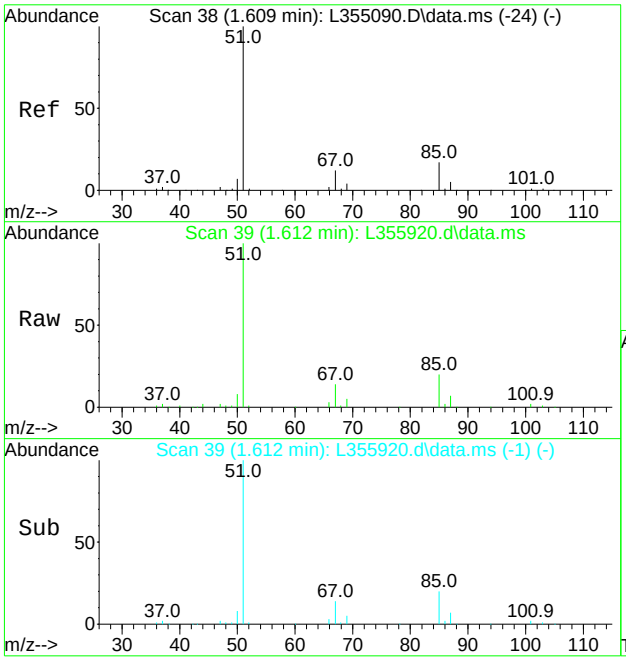


#4
tertiary butyl alcohol
Concen: 226.0174 ug/L
RT: 3.050 min Scan# 487
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 59 Resp: 136259

Ion	Ratio	Lower	Upper
59	100		
41	20.4	0.0	47.4
43	13.7	0.0	44.8

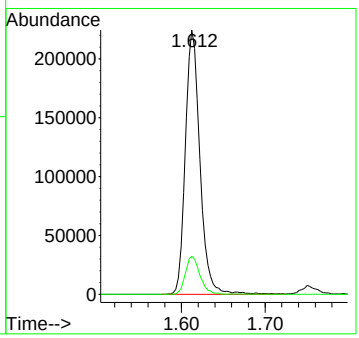


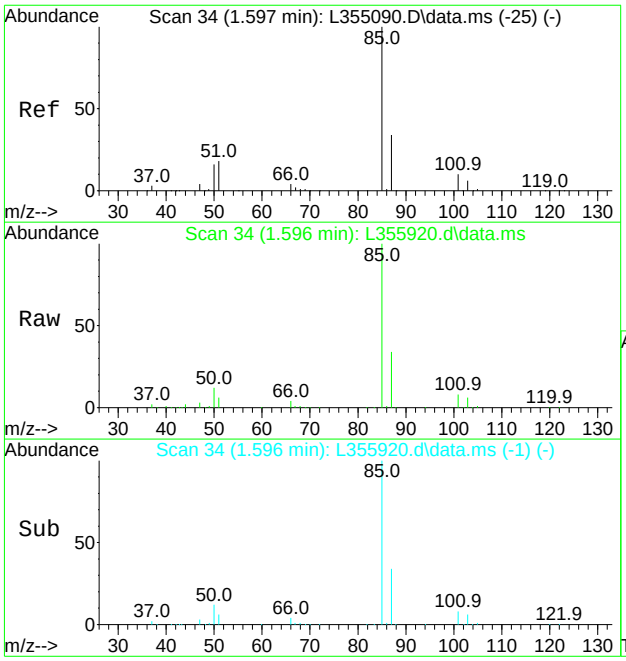


#6
chlorodifluoromethane
Concen: 40.4286 ug/L
RT: 1.612 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 51 Resp: 273268

Ion	Ratio	Lower	Upper
51	100		
67	14.4	12.4	12.4#

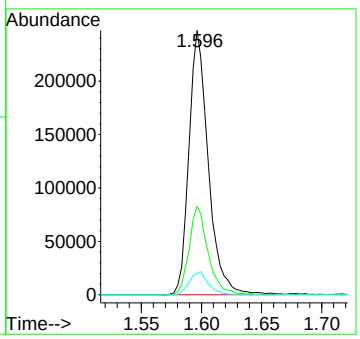


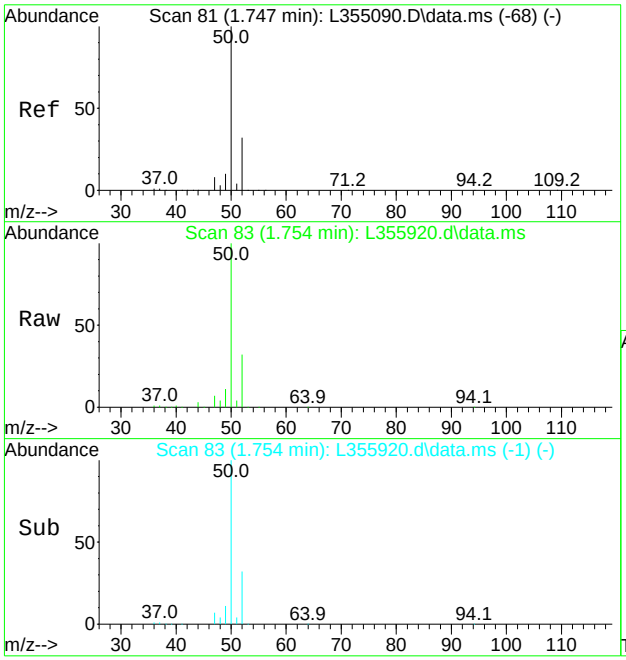


#7
dichlorodifluoromethane
Concen: 54.6037 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 85 Resp: 277304

Ion	Ratio	Lower	Upper
85	100		
87	33.6	3.9	63.9
101	8.1	0.0	39.7

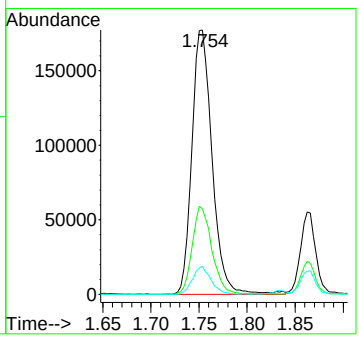


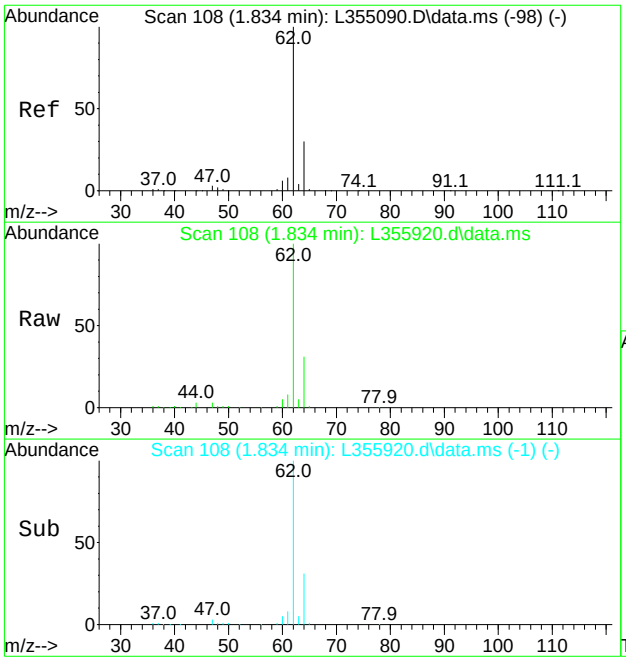


#8
chloromethane
Concen: 46.9376 ug/L
RT: 1.754 min Scan# 83
Delta R.T. 0.007 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 50 Resp: 260283

Ion	Ratio	Lower	Upper
50	100		
52	32.4	1.7	61.7
49	10.7	0.0	40.1

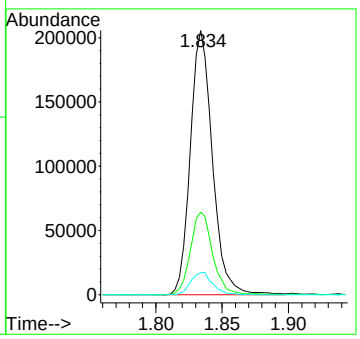


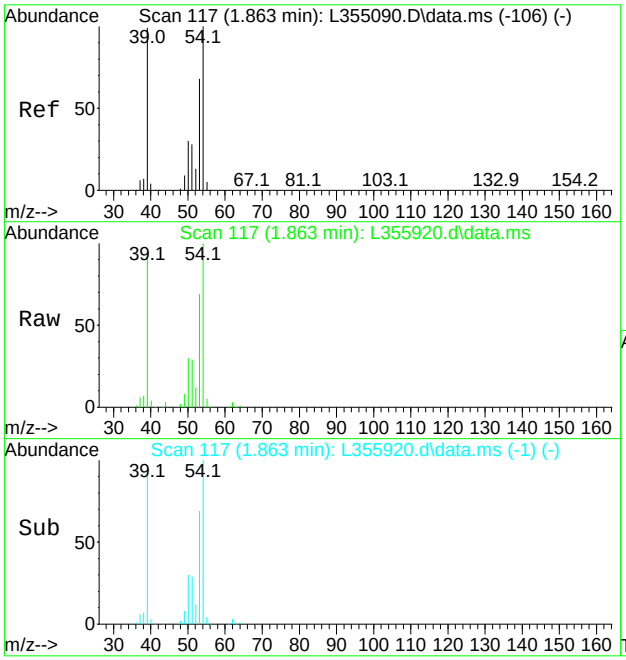


#9
vinyl chloride
Concen: 55.3772 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 62 Resp: 238419

Ion	Ratio	Lower	Upper
62	100		
64	31.2	0.0	60.0
61	8.4	0.0	37.5

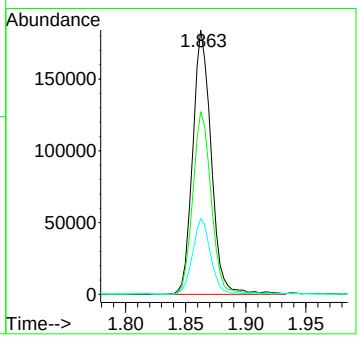


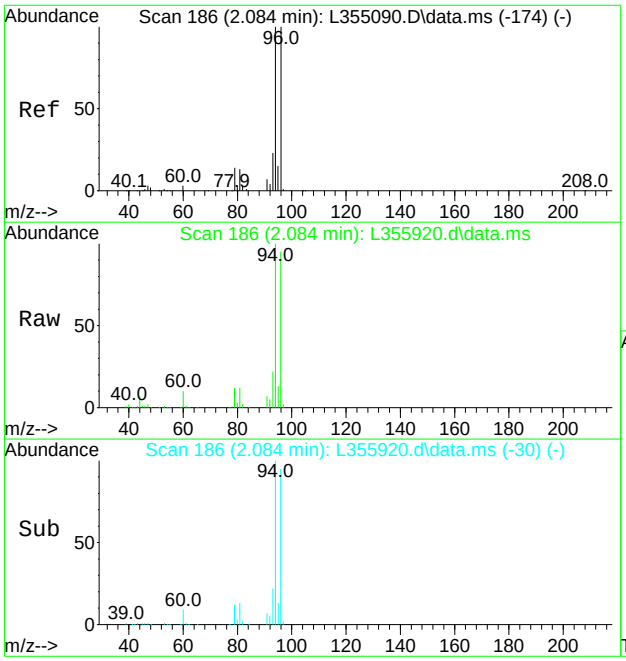


#10
1,3-butadiene
Concen: 41.8122 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 54 Resp: 196977

Ion	Ratio	Lower	Upper
54	100		
53	69.1	38.4	98.4
51	28.6	0.0	57.9

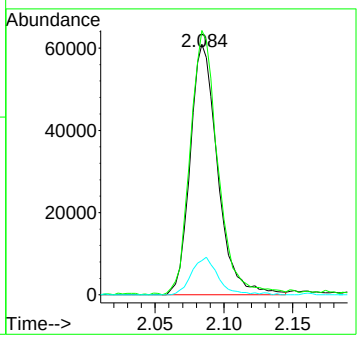


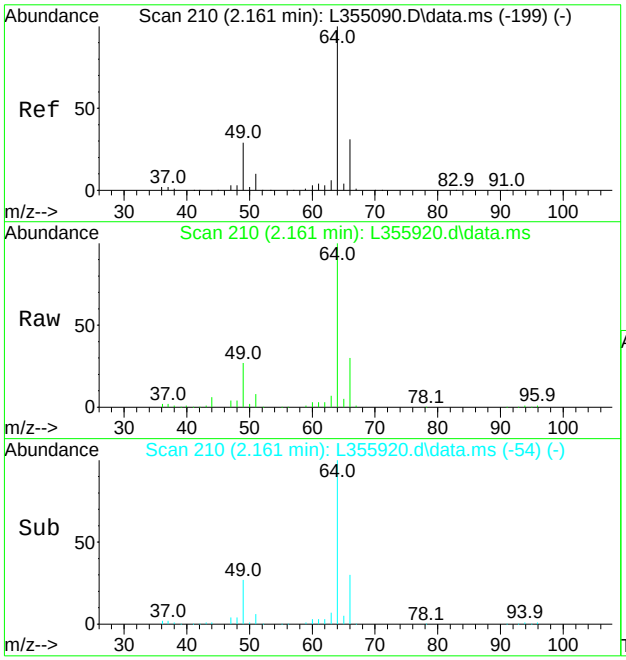


#11
bromomethane
Concen: 51.0717 ug/L
RT: 2.084 min Scan# 186
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 96 Resp: 84612

Ion	Ratio	Lower	Upper
96	100		
94	105.5	70.4	130.4
95	13.7	0.0	44.4

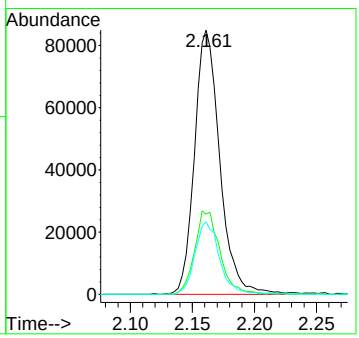


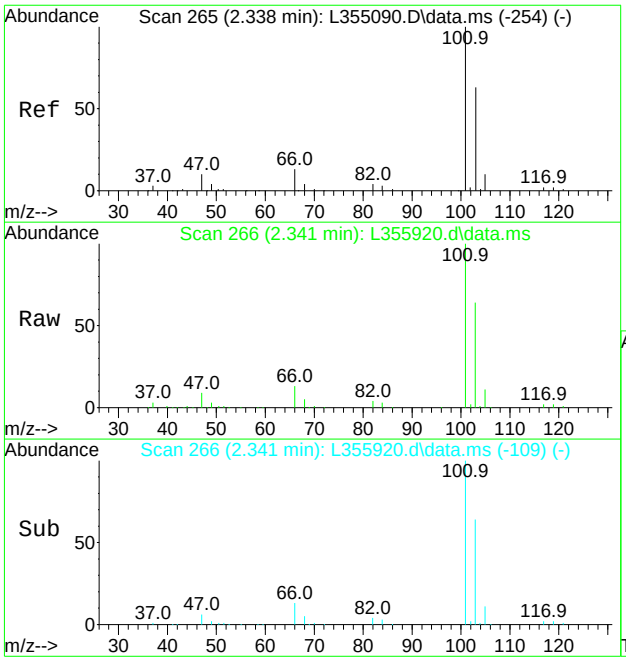


#12
chloroethane
Concen: 54.6181 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 64 Resp: 120598

Ion	Ratio	Lower	Upper
64	100		
66	30.4	1.3	61.3
49	27.5	0.0	58.9

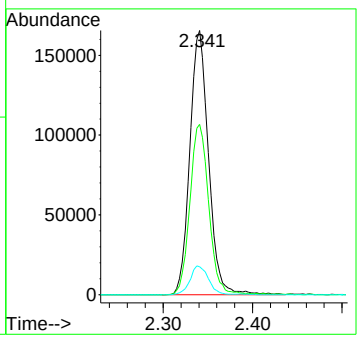


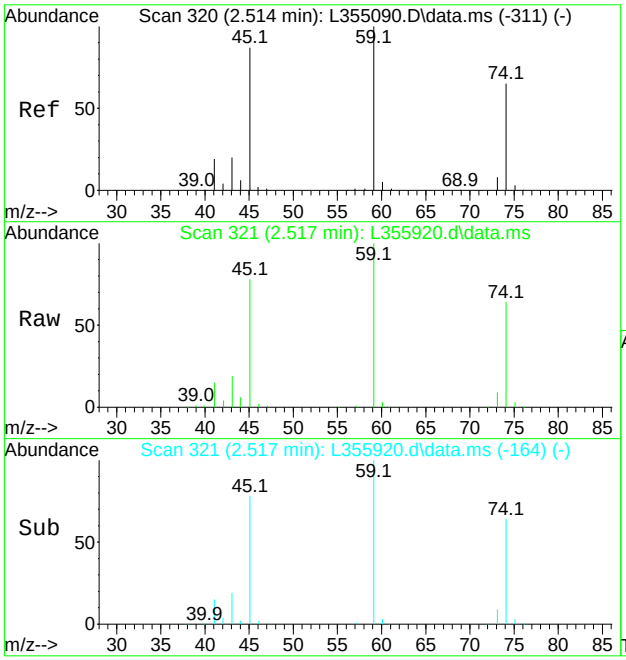


#13
trichlorofluoromethane
Concen: 53.1151 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:101 Resp: 240700

Ion	Ratio	Lower	Upper
101	100		
103	64.5	32.9	92.9
105	10.6	0.0	40.4

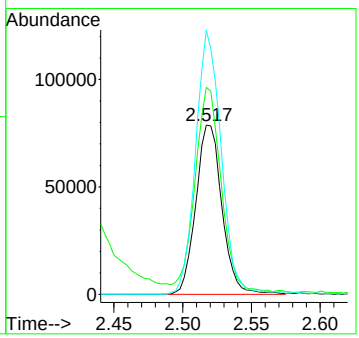


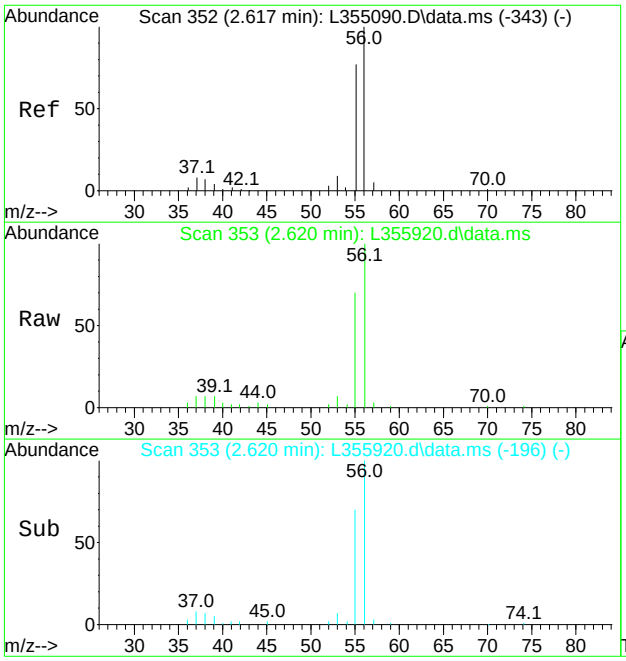


#14
ethyl ether
Concen: 52.2139 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 74 Resp: 104270

Ion	Ratio	Lower	Upper
74	100		
45	120.7	108.0	168.0
59	156.3	124.3	184.3

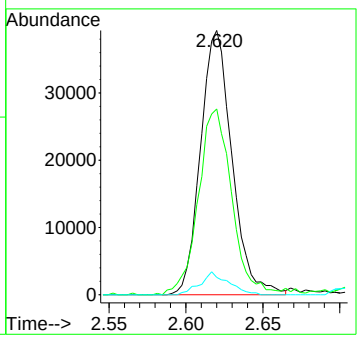


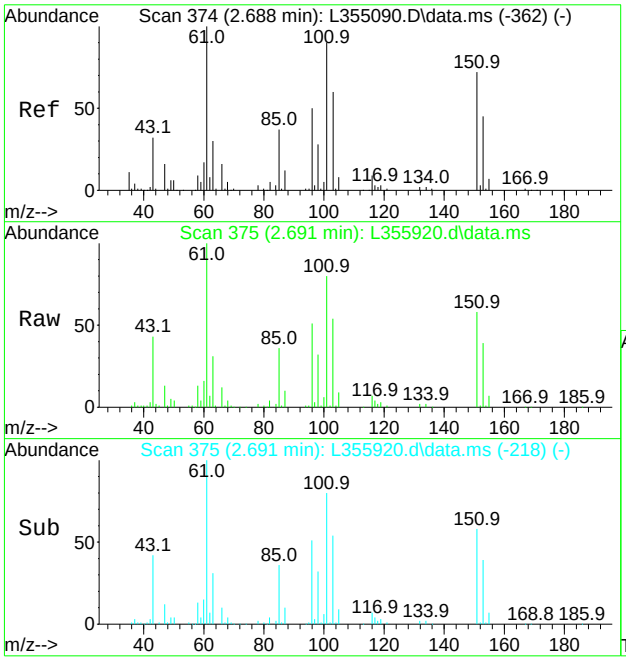


#15
acrolein
Concen: 56.2916 ug/L
RT: 2.620 min Scan# 353
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 56 Resp: 55845

Ion	Ratio	Lower	Upper
56	100		
55	70.2	48.6	108.6
53	6.5	0.0	38.7

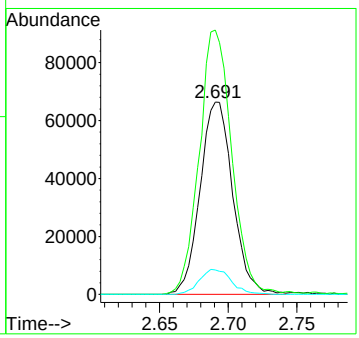


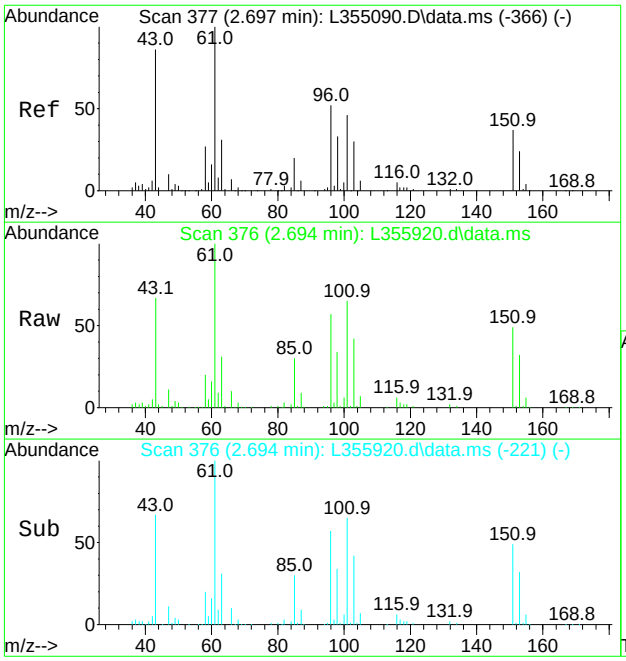


#16
freon 113
Concen: 45.1296 ug/L
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:151 Resp: 109543

Ion	Ratio	Lower	Upper
151	100		
101	137.6	105.0	145.0
116	12.6	0.0	31.9

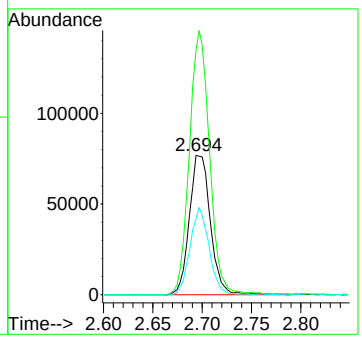


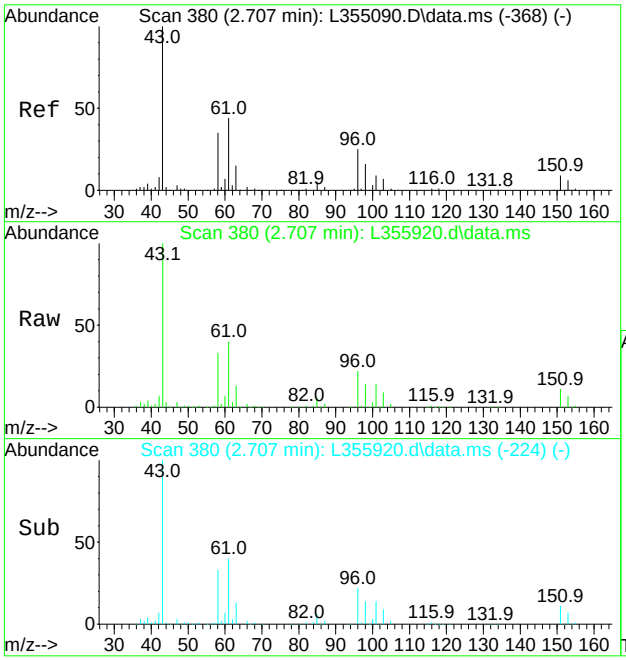


#17
1,1-dichloroethene
Concen: 48.7879 ug/L
RT: 2.694 min Scan# 376
Delta R.T. -0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 96 Resp: 114495

Ion	Ratio	Lower	Upper
96	100		
61	174.7	160.9	220.9
63	54.4	29.9	89.9

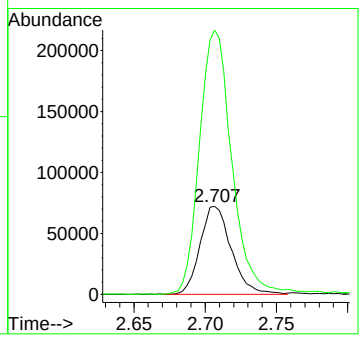


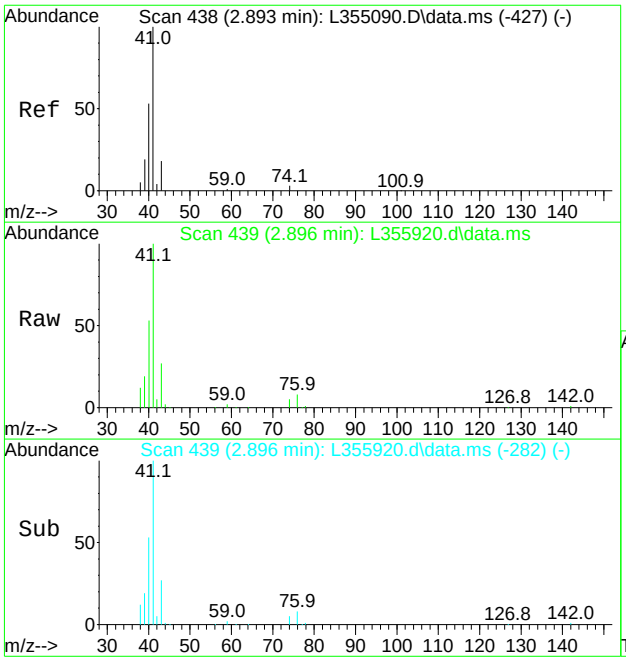


#18
acetone
Concen: 217.2118 ug/L
RT: 2.707 min Scan# 380
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 58 Resp: 110534

Ion	Ratio	Lower	Upper
58	100		
43	300.1	253.7	313.7

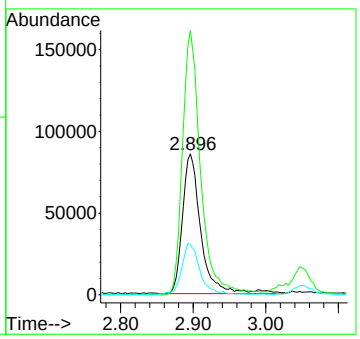


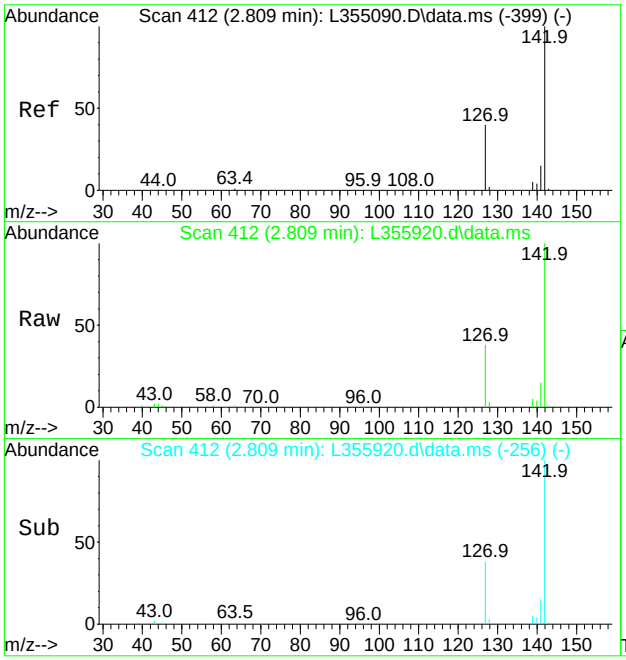


#19
acetonitrile
Concen: 513.4264 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 40 Resp: 151385

Ion	Ratio	Lower	Upper
40	100		
41	189.1	156.9	216.9
39	35.5	5.5	65.5

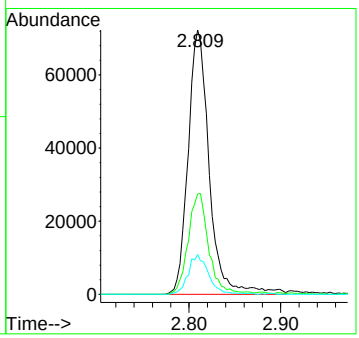


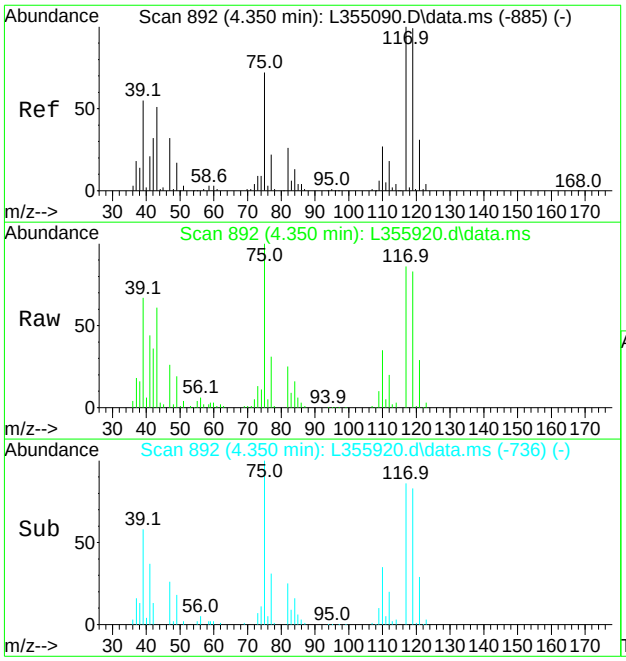


#20
iodomethane
Concen: 45.7312 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:142 Resp: 116054

Ion	Ratio	Lower	Upper
142	100		
127	37.9	9.8	69.8
141	15.0	0.0	45.4

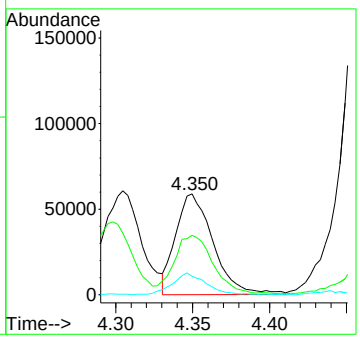


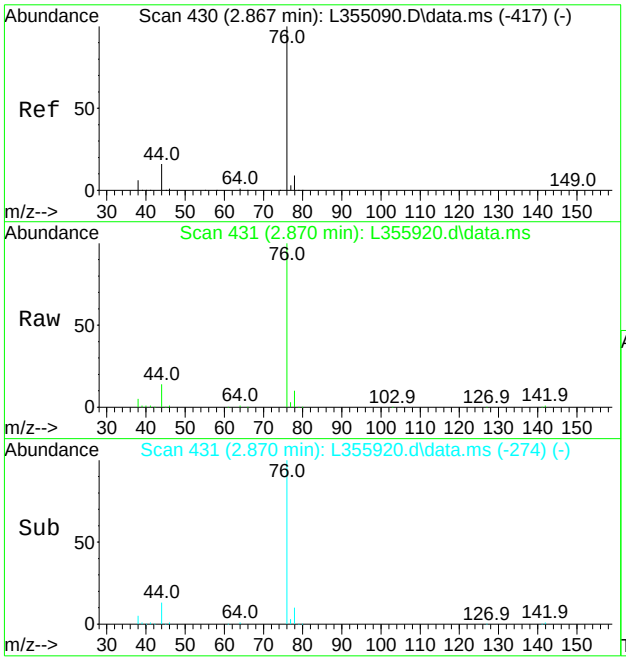


#21
iso-butyl alcohol
Concen: 525.5701 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 43 Resp: 99678

Ion	Ratio	Lower	Upper
43	100		
42	59.2	26.5	86.5
74	18.7	0.0	48.2

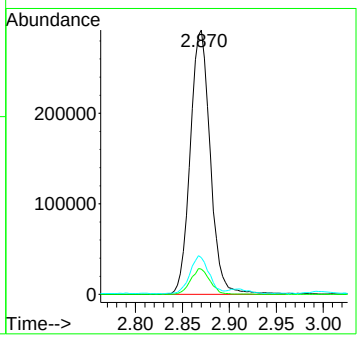


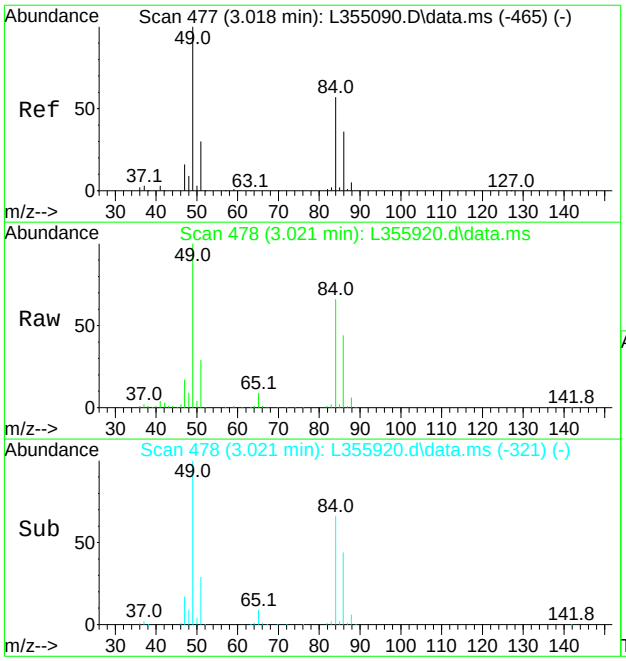


#22
carbon disulfide
Concen: 44.0838 ug/L
RT: 2.870 min Scan# 431
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 76 Resp: 433759

Ion	Ratio	Lower	Upper
76	100		
78	9.5	0.0	39.1
44	13.7	0.0	45.8

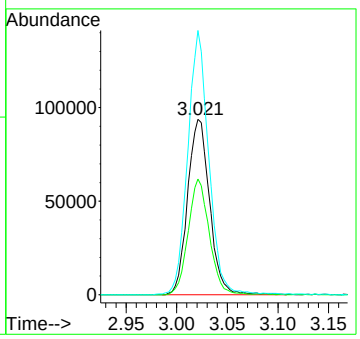


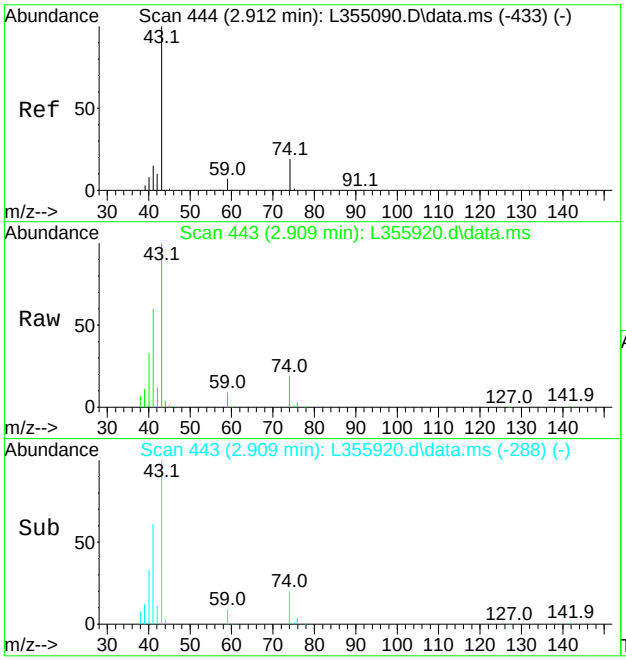


#23
methylene chloride
Concen: 49.1417 ug/L
RT: 3.021 min Scan# 478
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 84 Resp: 142246

Ion	Ratio	Lower	Upper
84	100		
86	66.1	33.9	93.9
49	150.3	146.7	206.7

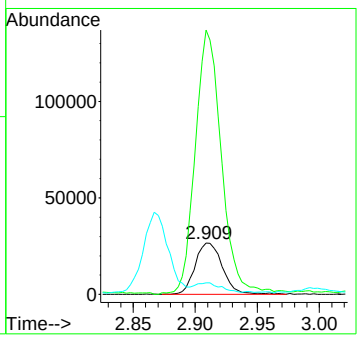


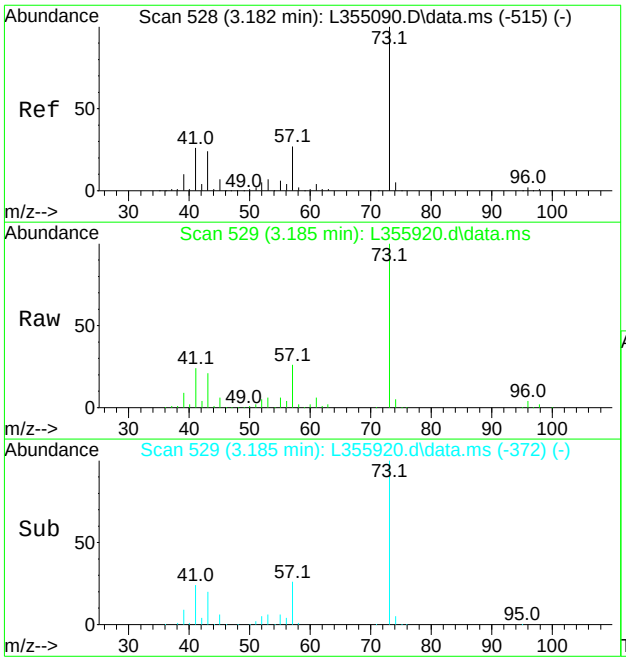


#24
methyl acetate
Concen: 56.6773 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 74 Resp: 40922

Ion	Ratio	Lower	Upper
74	100		
43	510.7	495.9	555.9
44	18.4	0.0	47.9

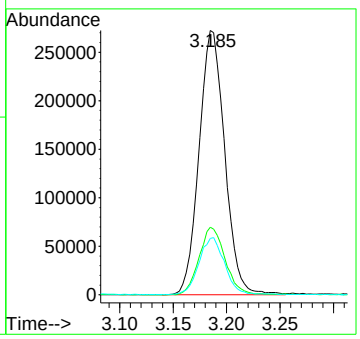


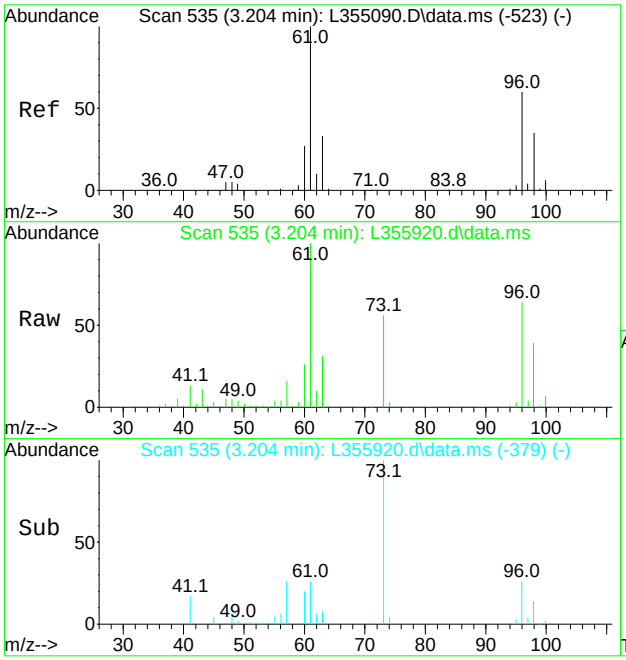


#25
methyl tert butyl ether
Concen: 48.5544 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 73 Resp: 455505

Ion	Ratio	Lower	Upper
73	100		
57	25.5	0.0	57.4
43	21.3	0.0	54.2

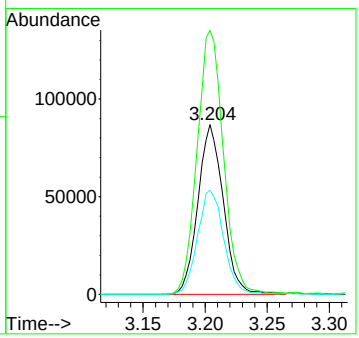


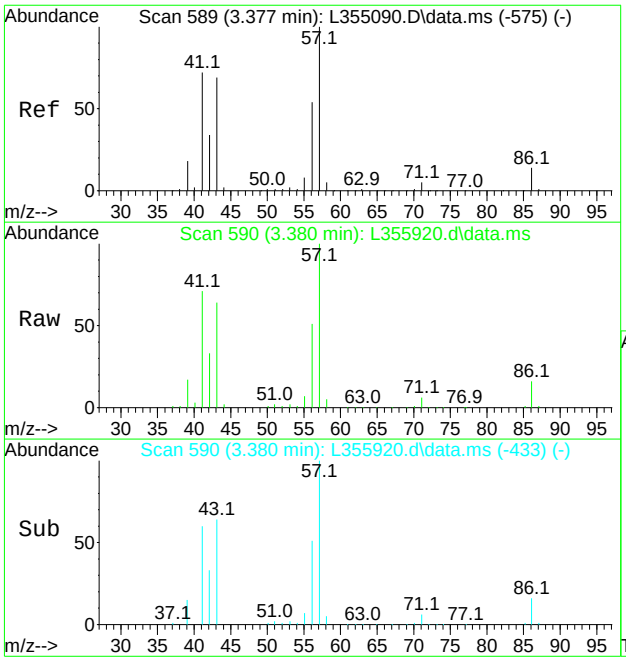


#26
trans-1,2-dichloroethene
Concen: 45.7575 ug/L
RT: 3.204 min Scan# 535
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 96 Resp: 123748

Ion	Ratio	Lower	Upper
96	100		
61	155.7	136.4	196.4
98	61.5	28.2	88.2

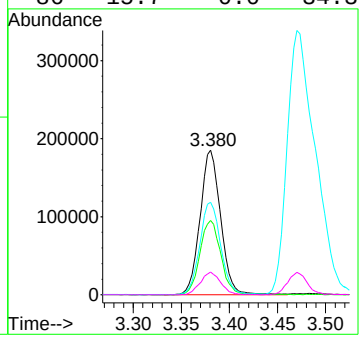


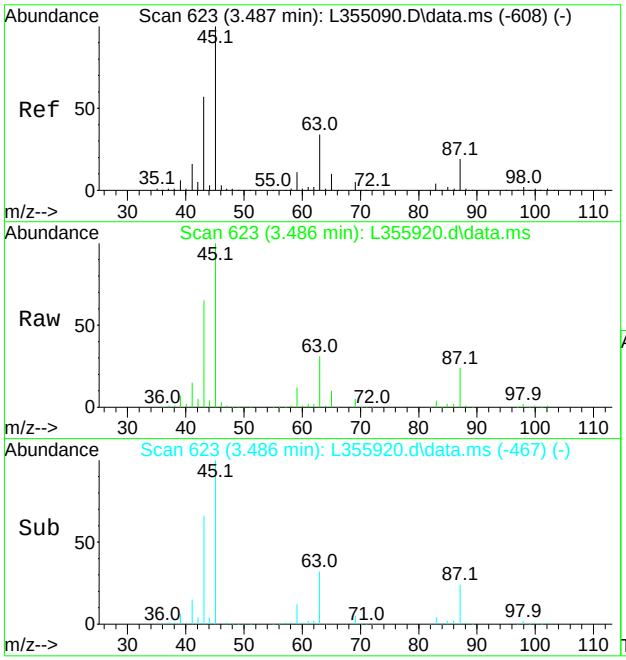


#27
hexane
Concen: 39.3713 ug/L
RT: 3.380 min Scan# 590
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 57 Resp: 276114

Ion	Ratio	Lower	Upper
57	100		
56	51.4	33.8	73.8
43	63.8	49.1	89.1
86	15.7	0.0	34.3

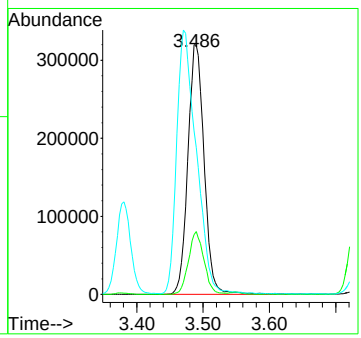


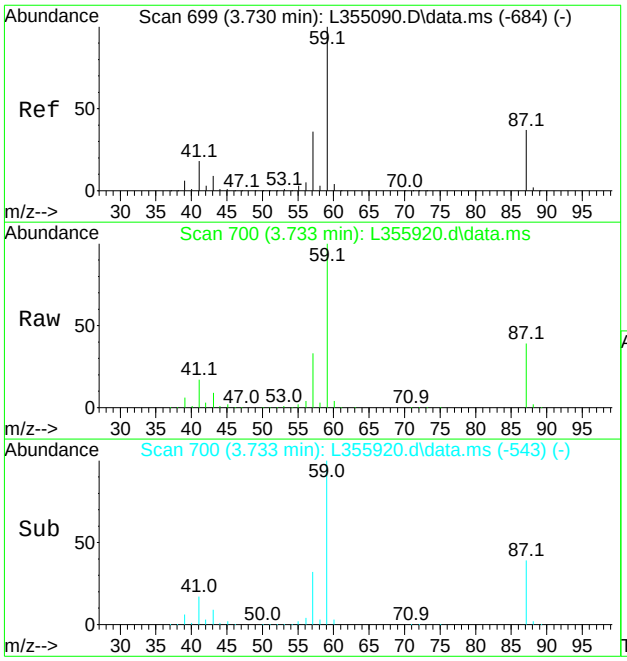


#28
di-isopropyl ether
Concen: 38.8133 ug/L
RT: 3.486 min Scan# 623
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 45 Resp: 545973

Ion	Ratio	Lower	Upper
45	100		
87	23.9	0.0	49.3
43	65.1	27.4	87.4

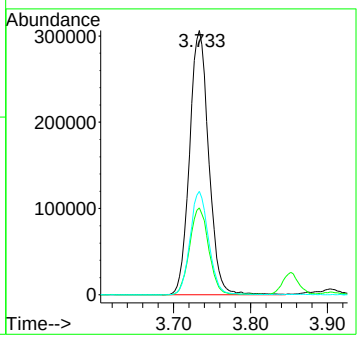


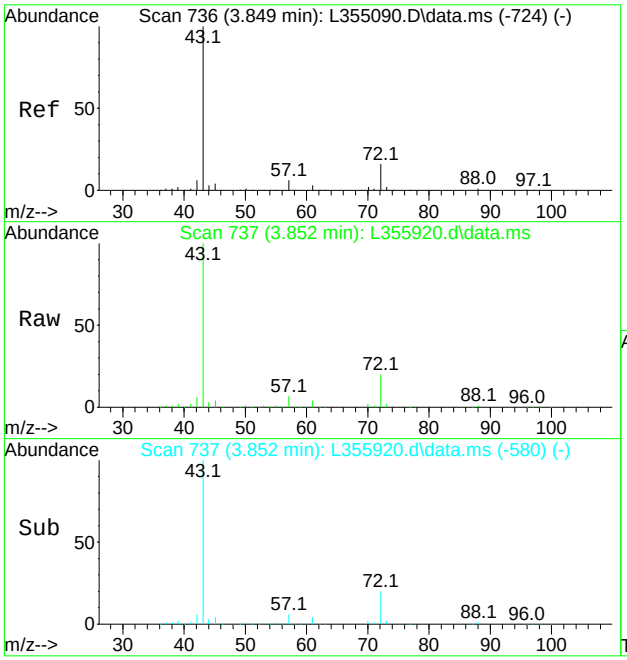


#29
ethyl tert-butyl ether
Concen: 44.6193 ug/L
RT: 3.733 min Scan# 700
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 59 Resp: 529203

Ion	Ratio	Lower	Upper
59	100		
57	32.9	5.9	65.9
87	39.1	6.7	66.7

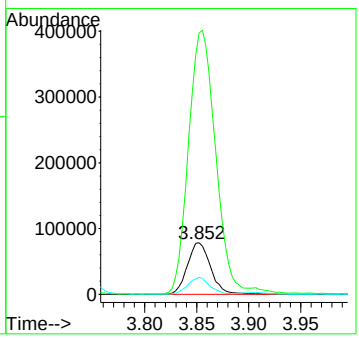


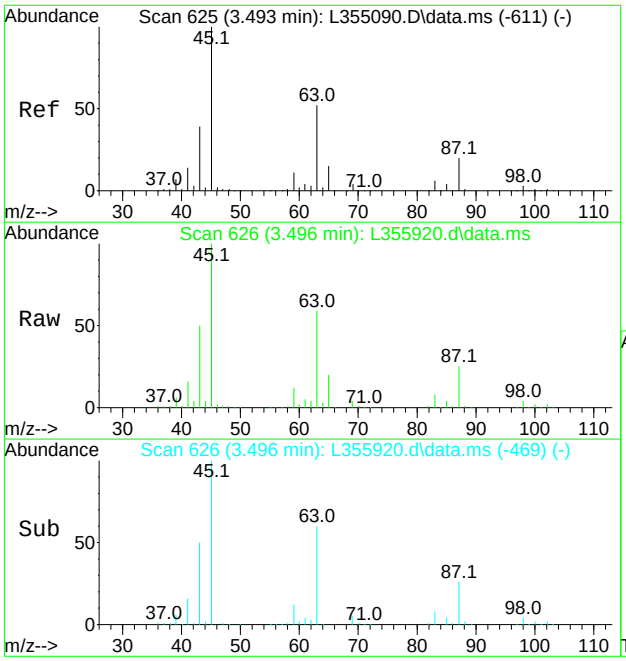


#30
2-butanone
Concen: 243.3552 ug/L
RT: 3.852 min Scan# 737
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 72 Resp: 122725

Ion	Ratio	Lower	Upper
72	100		
43	504.9	604.7	664.7#
57	32.7	10.0	70.0

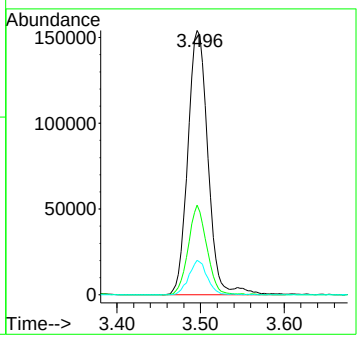


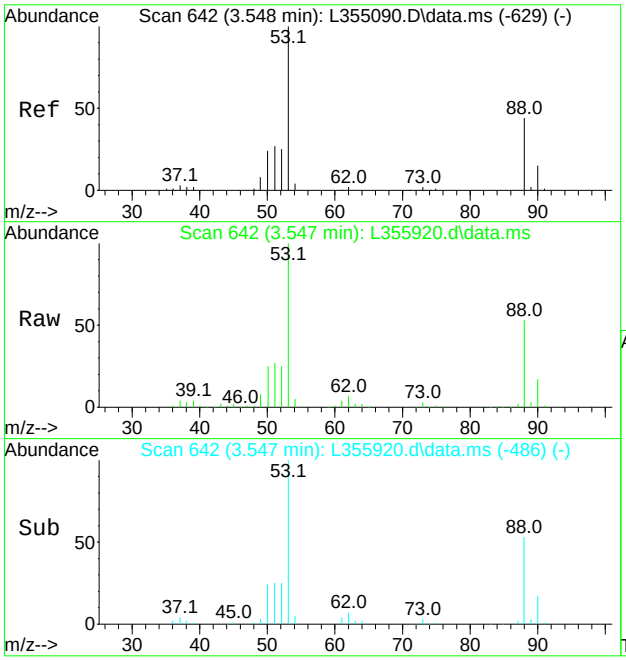


#31
1,1-dichloroethane
Concen: 42.5340 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 63 Resp: 258521

Ion	Ratio	Lower	Upper
63	100		
65	33.9	0.0	59.0
83	13.0	0.0	41.4

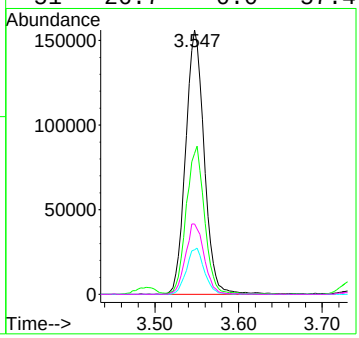


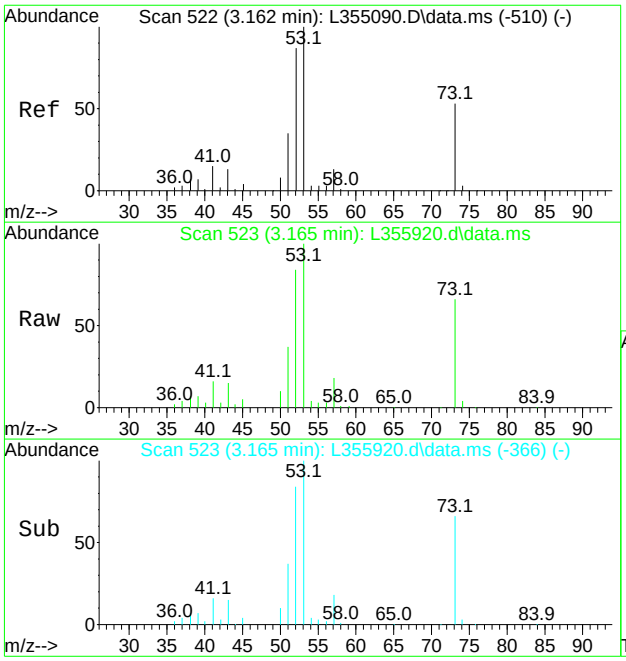


#32
chloroprene
Concen: 38.4822 ug/L
RT: 3.547 min Scan# 642
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 53 Resp: 241870

Ion	Ratio	Lower	Upper
53	100		
88	53.1	14.5	74.5
90	16.8	0.0	45.2
51	26.7	0.0	57.4

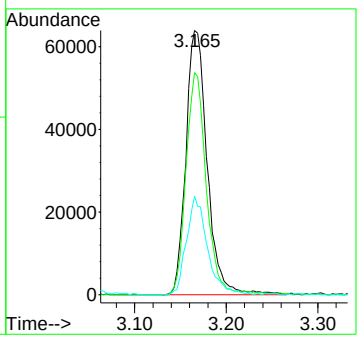


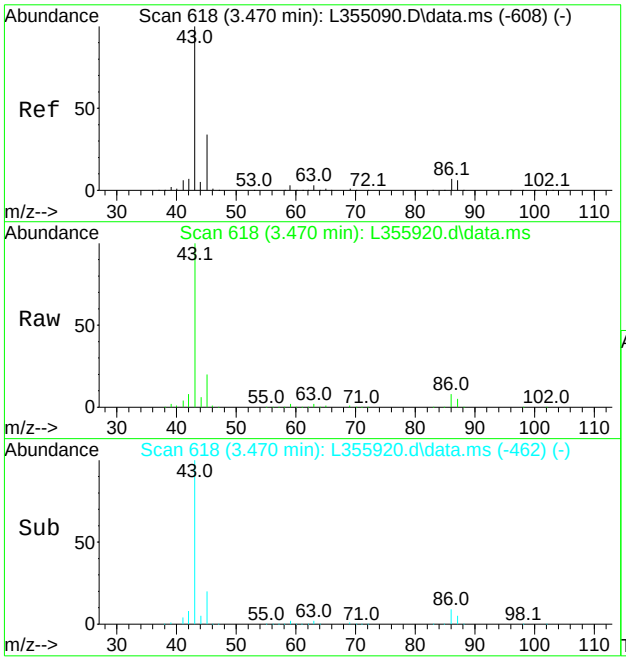


#33
acrylonitrile
Concen: 50.1003 ug/L
RT: 3.165 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 53 Resp: 103303

Ion	Ratio	Lower	Upper
53	100		
52	84.0	57.3	117.3
51	37.3	5.3	65.3

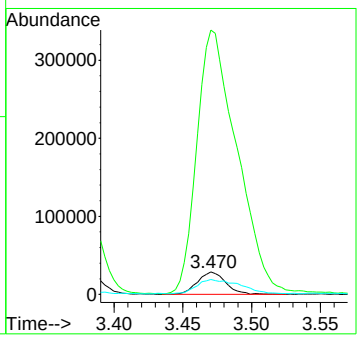


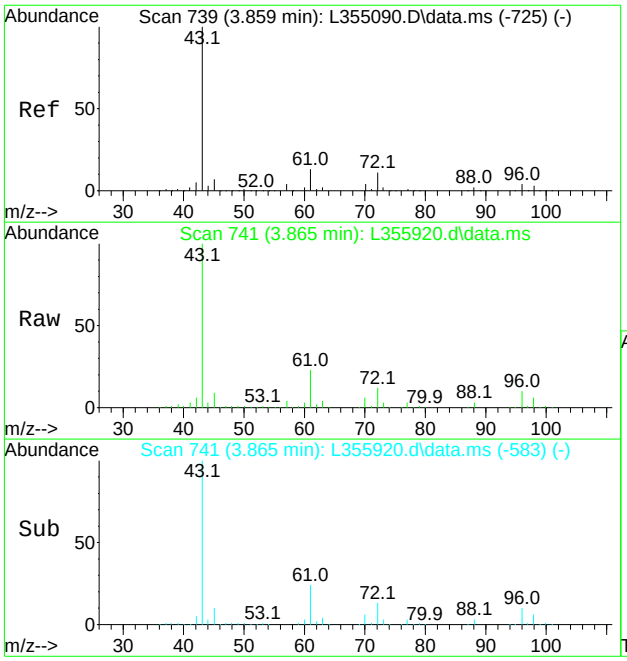


#34
vinyl acetate
Concen: 60.1760 ug/L
RT: 3.470 min Scan# 618
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 86 Resp: 41426

Ion	Ratio	Lower	Upper
86	100		
43	1177.0	1461.6	1521.6#
44	62.5	45.2	105.2

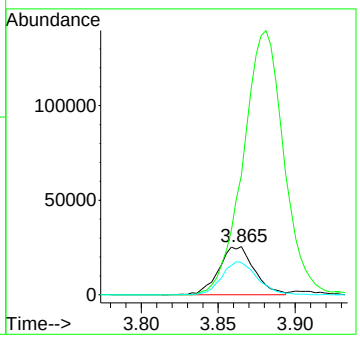


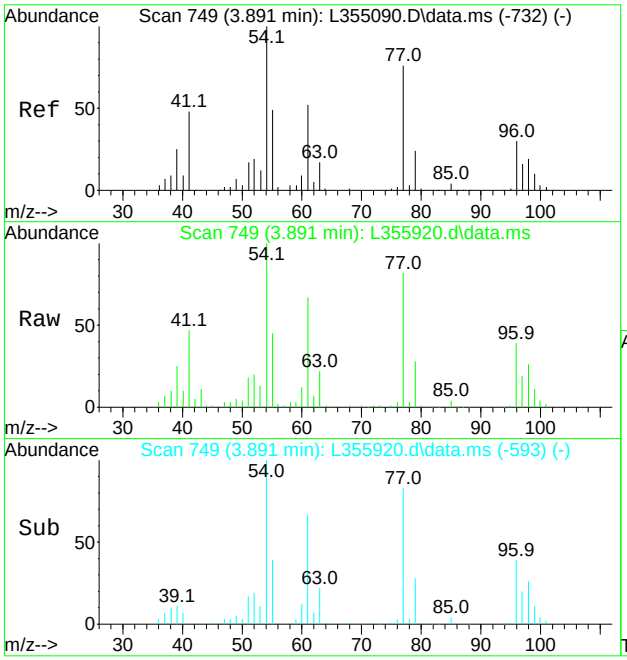


#35
ethyl acetate
Concen: 46.3708 ug/L
RT: 3.865 min Scan# 741
Delta R.T. 0.006 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 45 Resp: 40794

Ion	Ratio	Lower	Upper
45	100		
61	248.0	146.7	206.7#
70	66.8	27.4	87.4

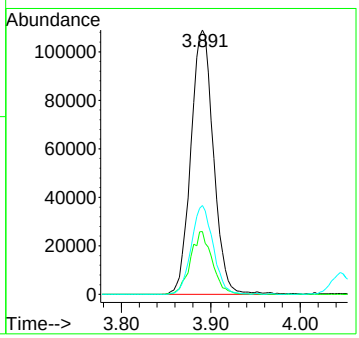


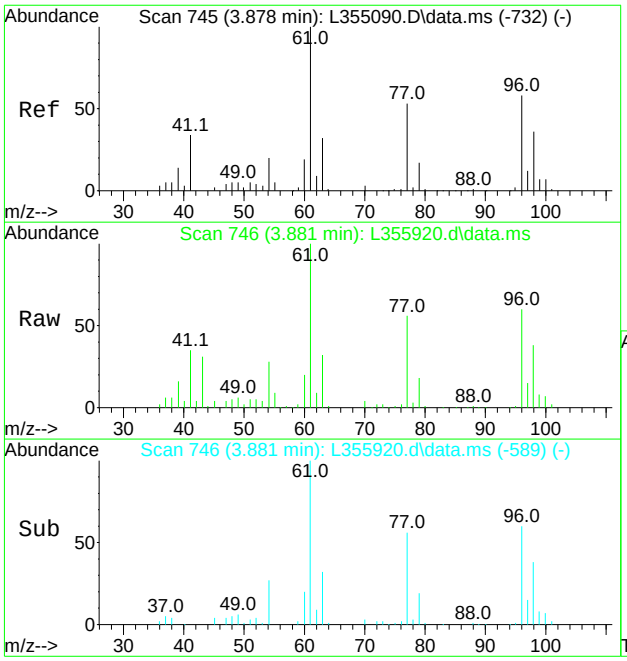


#36
2,2-dichloropropane
Concen: 42.5515 ug/L
RT: 3.891 min Scan# 749
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 77 Resp: 191210

Ion	Ratio	Lower	Upper
77	100		
97	23.7	0.0	51.0
79	33.6	1.4	61.4

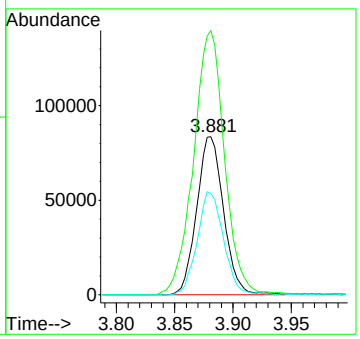


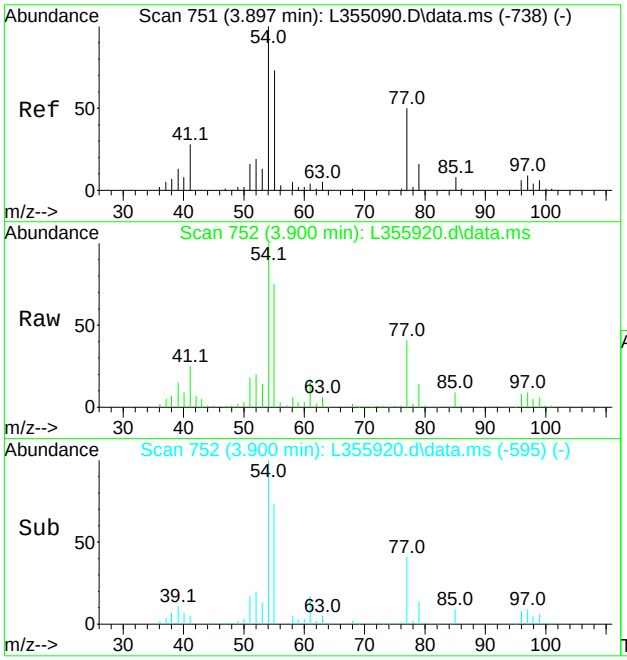


#37
cis-1,2-dichloroethene
Concen: 46.1162 ug/L
RT: 3.881 min Scan# 746
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 96 Resp: 134193

Ion	Ratio	Lower	Upper
96	100		
61	166.2	141.8	201.8
98	64.0	32.2	92.2

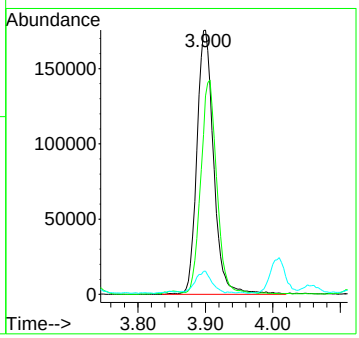


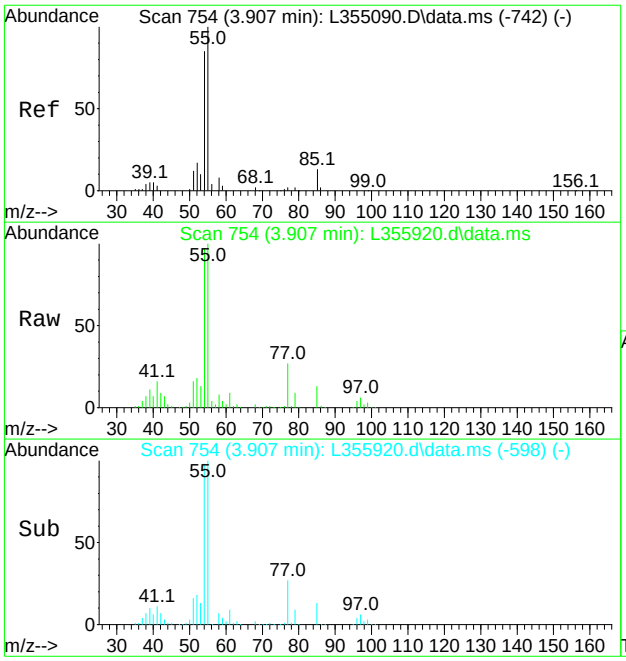


#38
propionitrile
Concen: 457.5621 ug/L
RT: 3.900 min Scan# 752
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 54 Resp: 303649

Ion	Ratio	Lower	Upper
54	100		
55	74.7	43.2	103.2
40	8.1	0.0	38.0

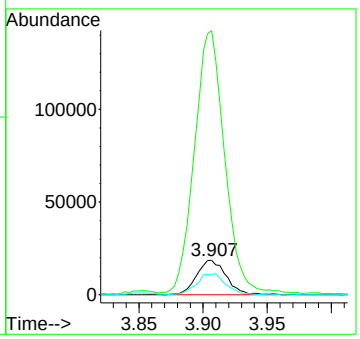


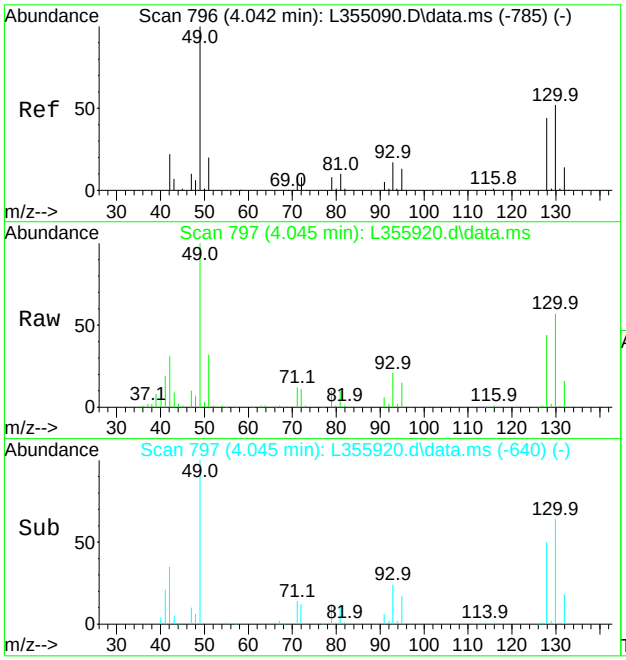


#39
methyl acrylate
Concen: 54.0724 ug/L
RT: 3.907 min Scan# 754
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 85 Resp: 30033

Ion	Ratio	Lower	Upper
85	100		
55	760.4	762.7	802.7#
58	59.6	40.5	80.5

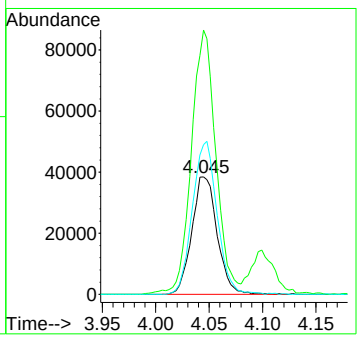


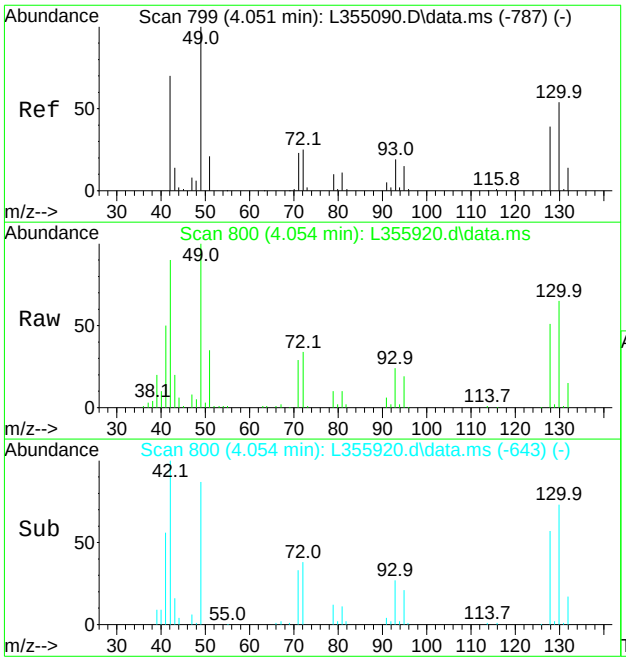


#40
bromochloromethane
Concen: 48.0713 ug/L
RT: 4.045 min Scan# 797
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:128 Resp: 63387

Ion	Ratio	Lower	Upper
128	100		
49	221.5	196.9	256.9
130	127.5	87.7	147.7

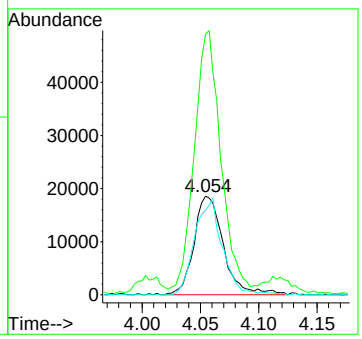


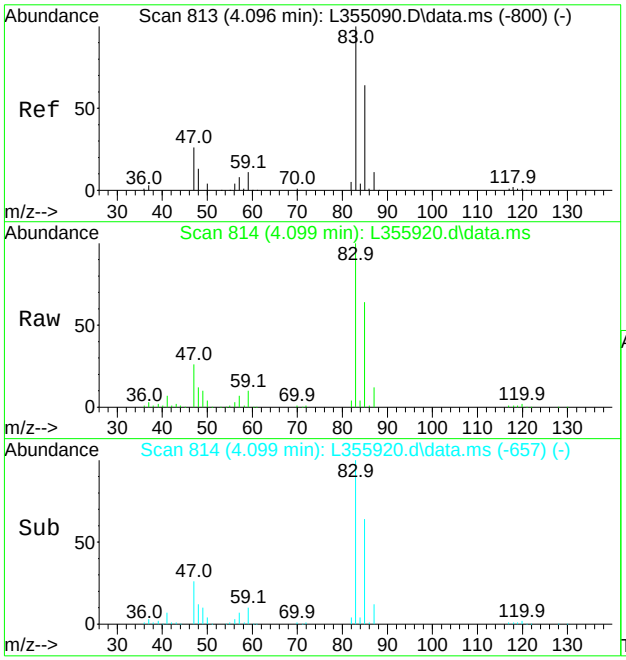


#41
tetrahydrofuran
Concen: 56.0379 ug/L
RT: 4.054 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 72 Resp: 32745

Ion	Ratio	Lower	Upper
72	100		
42	256.2	246.3	306.3
71	85.5	61.6	121.6

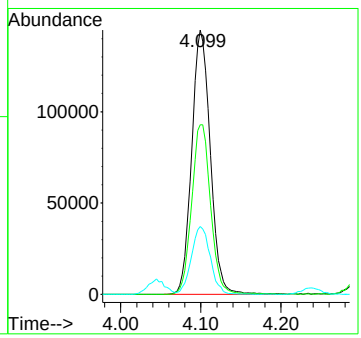


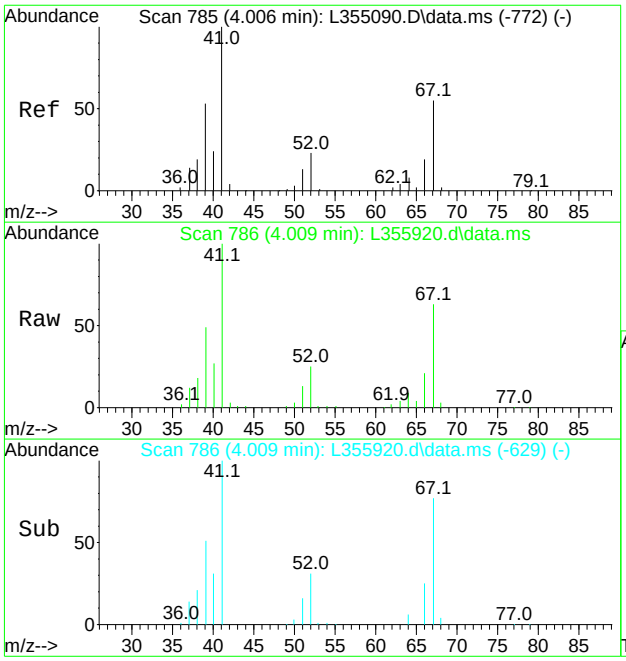


#42
chloroform
Concen: 44.5061 ug/L
RT: 4.099 min Scan# 814
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 83 Resp: 233908

Ion	Ratio	Lower	Upper
83	100		
85	64.1	34.3	94.3
47	25.7	0.0	59.3

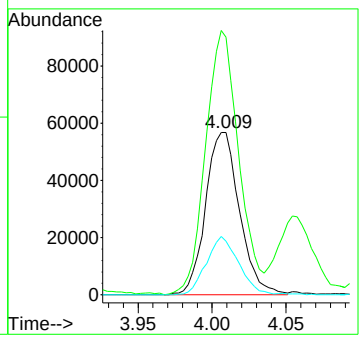


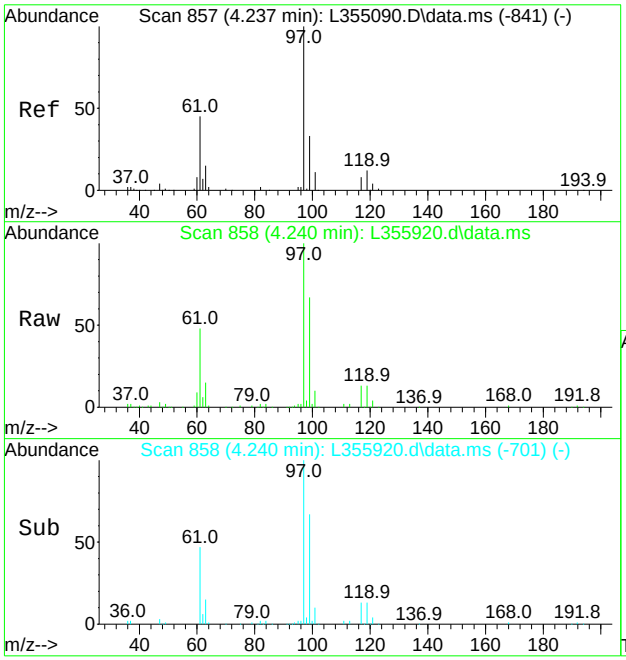


#44
methacrylonitrile
Concen: 52.2793 ug/L
RT: 4.009 min Scan# 786
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 67 Resp: 90257

Ion	Ratio	Lower	Upper
67	100		
41	158.8	150.2	210.2
66	33.0	3.6	63.6

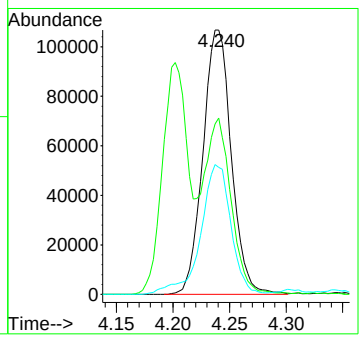


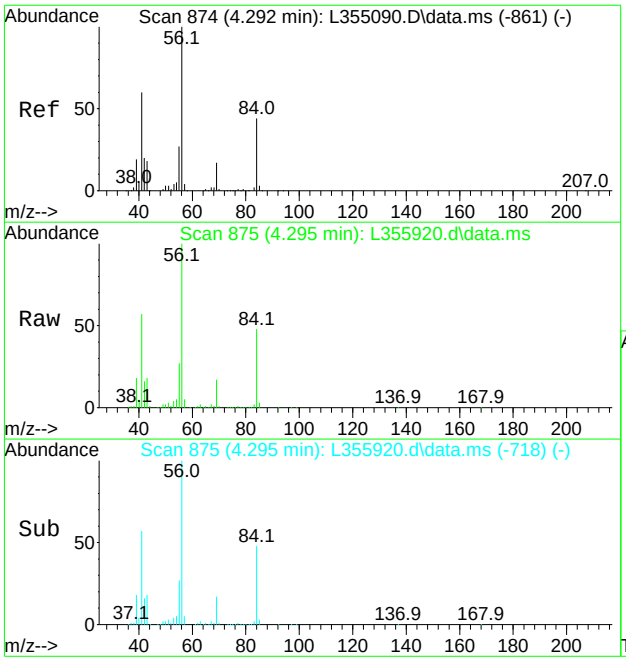


#45
1,1,1-trichloroethane
Concen: 46.4268 ug/L
RT: 4.240 min Scan# 858
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 97 Resp: 186077

Ion	Ratio	Lower	Upper
97	100		
99	66.1	33.3	93.3
61	46.1	14.9	74.9

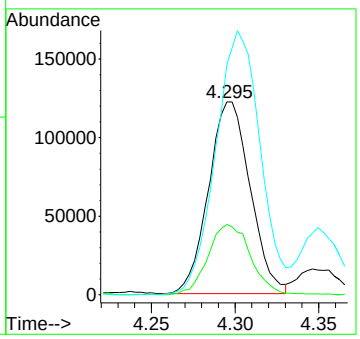


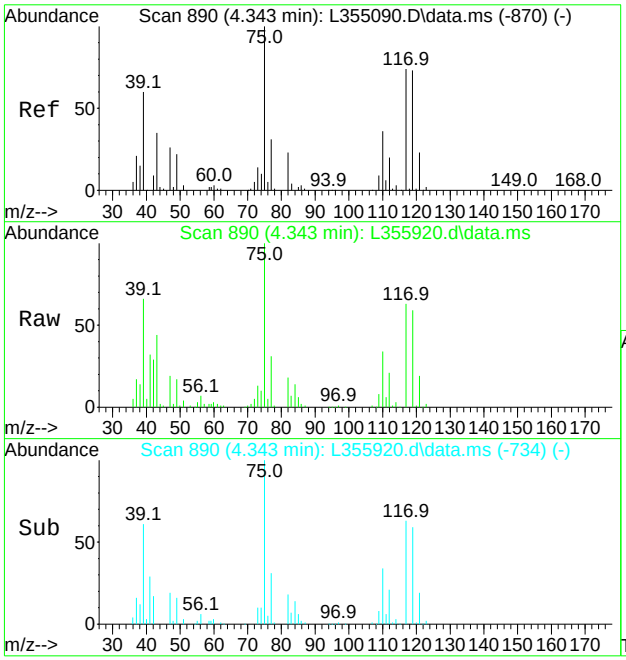


#46
cyclohexane
Concen: 48.0065 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 84 Resp: 211354

Ion	Ratio	Lower	Upper
84	100		
69	36.7	17.8	57.8
41	120.0	116.7	156.7

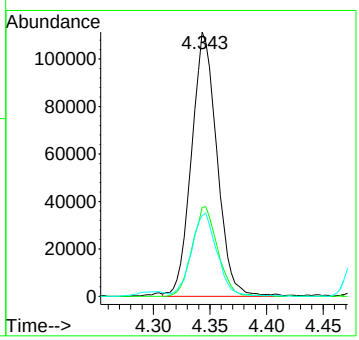


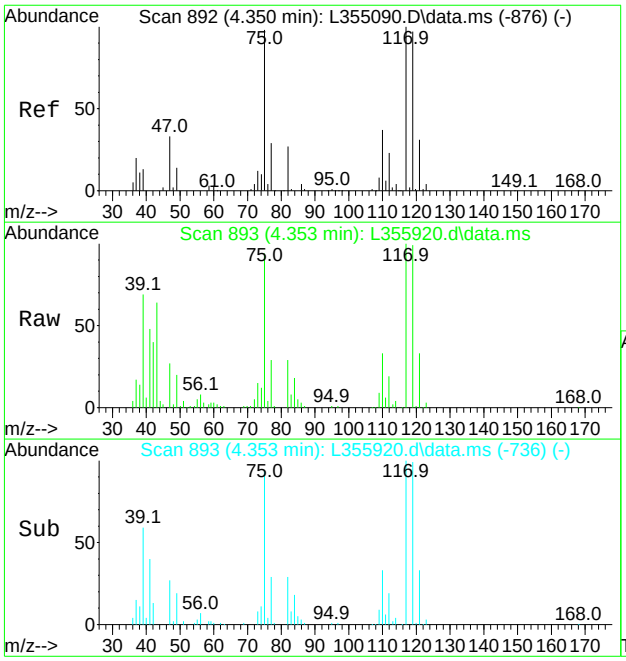


#47
1,1-dichloropropene
Concen: 44.6252 ug/L
RT: 4.343 min Scan# 890
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 75 Resp: 174071

Ion	Ratio	Lower	Upper
75	100		
110	33.8	15.8	55.8
77	30.7	11.6	51.6

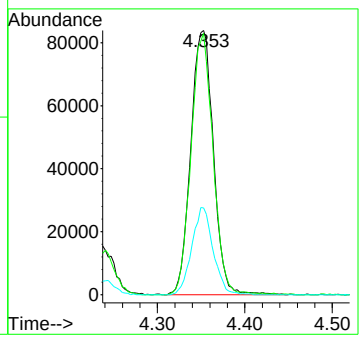


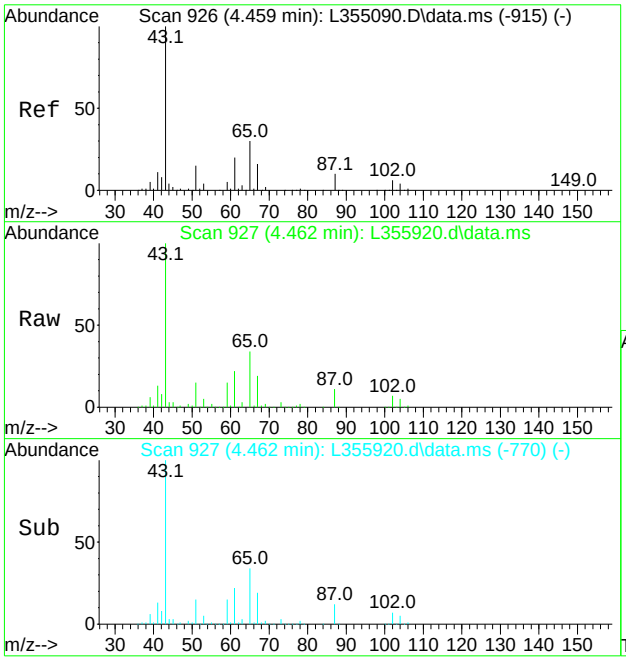


#48
carbon tetrachloride
Concen: 42.7480 ug/L
RT: 4.353 min Scan# 893
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:117 Resp: 151341

Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.1	117.1
121	32.9	11.1	51.1

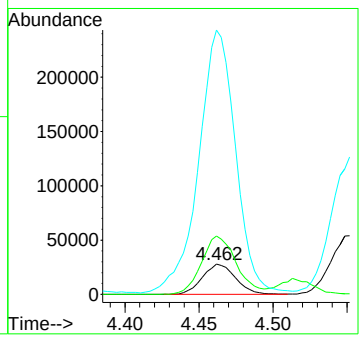


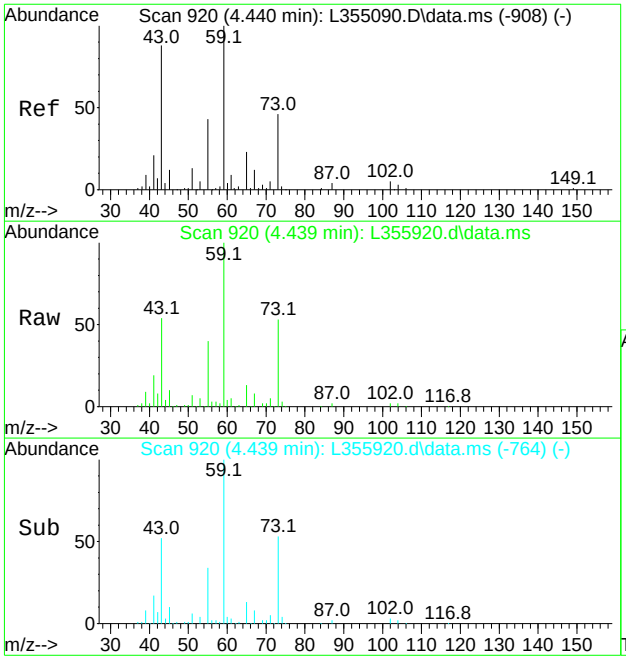


#49
isopropyl acetate
Concen: 53.2712 ug/L
RT: 4.462 min Scan# 927
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 87 Resp: 43567

Ion	Ratio	Lower	Upper
87	100		
61	192.1	185.6	225.6
43	863.0	1029.1	1089.1#

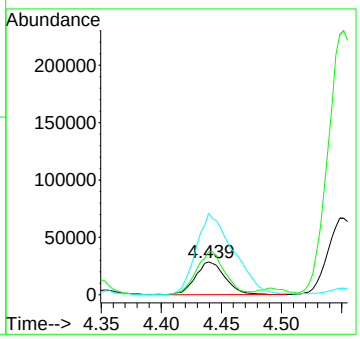


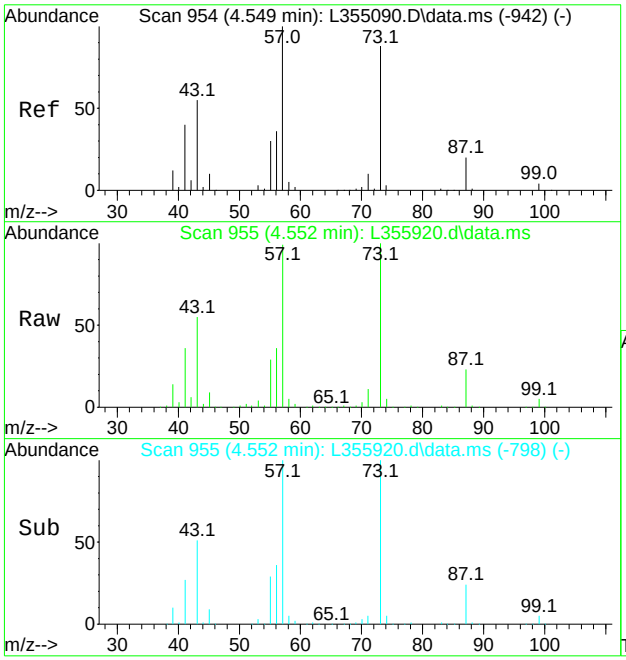


#50
tert amyl alcohol
Concen: 271.4886 ug/L
RT: 4.439 min Scan# 920
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 55 Resp: 48637

Ion	Ratio	Lower	Upper
55	100		
73	130.4	87.0	127.0#
59	249.6	211.2	251.2

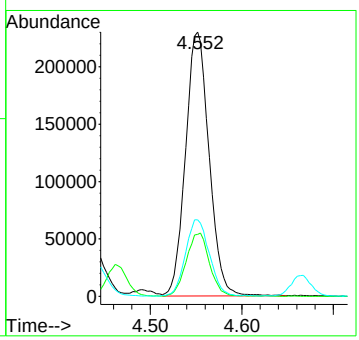


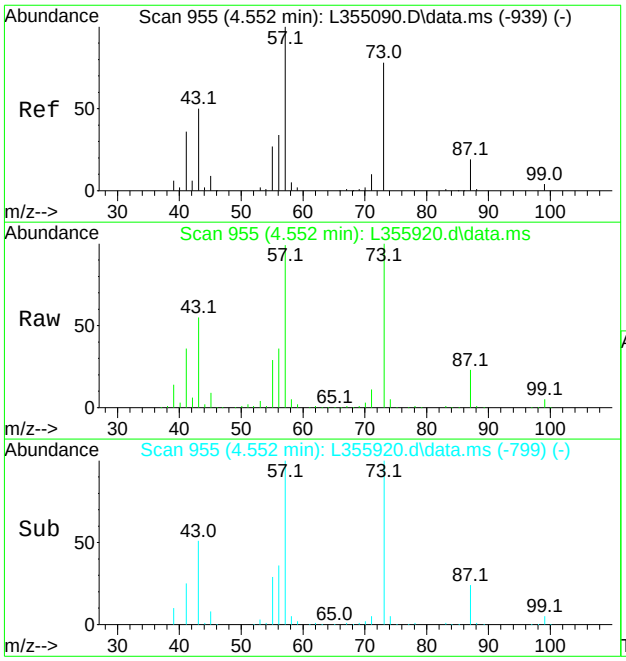


#53
tert-amyl methyl ether
Concen: 42.4256 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 73 Resp: 410396

Ion	Ratio	Lower	Upper
73	100		
87	23.5	2.5	42.5
55	28.6	14.1	54.1

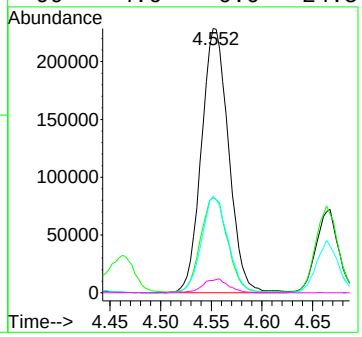


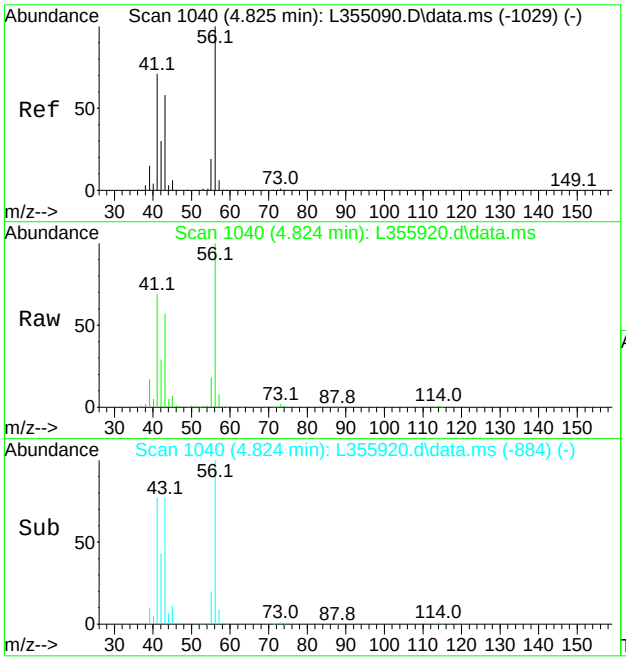


#54
2,2,4-trimethylpentane
Concen: 34.2697 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 57 Resp: 427200

Ion	Ratio	Lower	Upper
57	100		
41	35.7	15.5	55.5
56	36.5	14.0	54.0
99	4.6	0.0	24.5

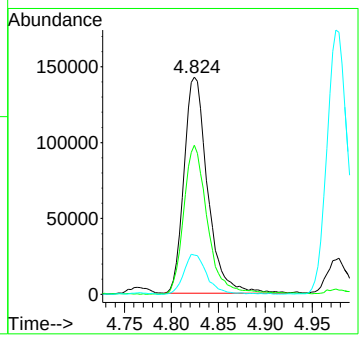


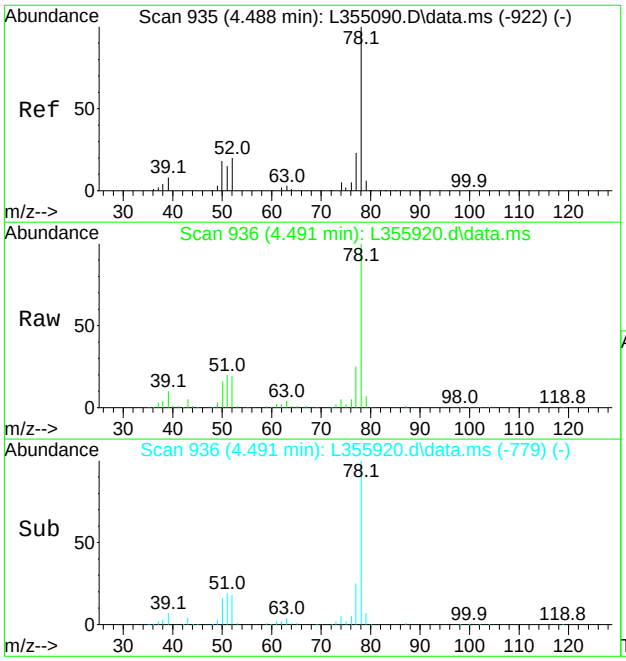


#55
n-butyl alcohol
Concen: 2831.1472 ug/L
RT: 4.824 min Scan# 1040
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 56 Resp: 249985

Ion	Ratio	Lower	Upper
56	100		
41	68.9	40.6	100.6
55	18.0	0.0	48.8

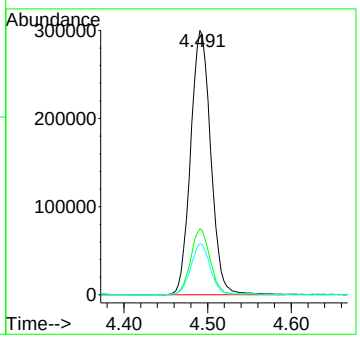


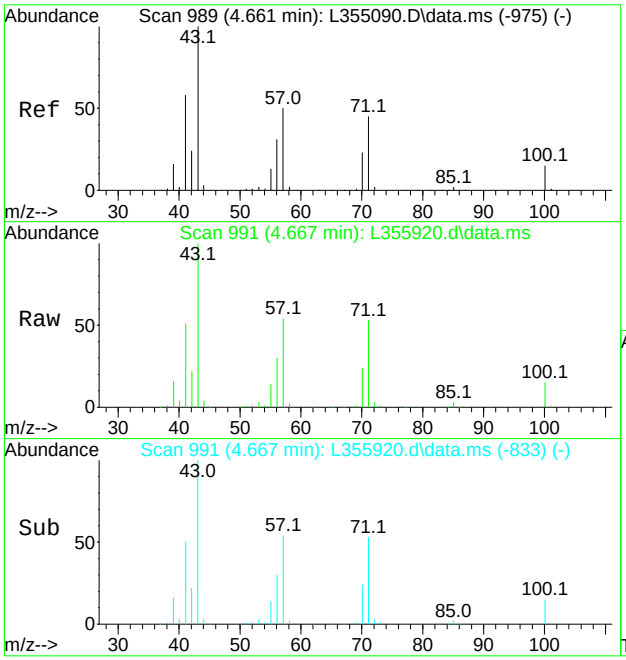


#56
benzene
Concen: 41.3451 ug/L
RT: 4.491 min Scan# 936
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 78 Resp: 502411

Ion	Ratio	Lower	Upper
78	100		
77	25.0	0.0	53.0
52	19.4	0.0	50.0

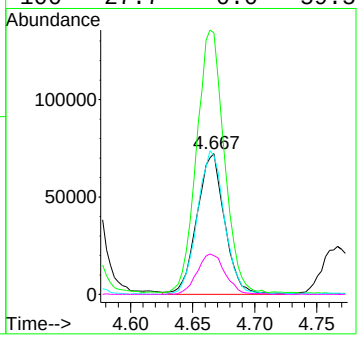


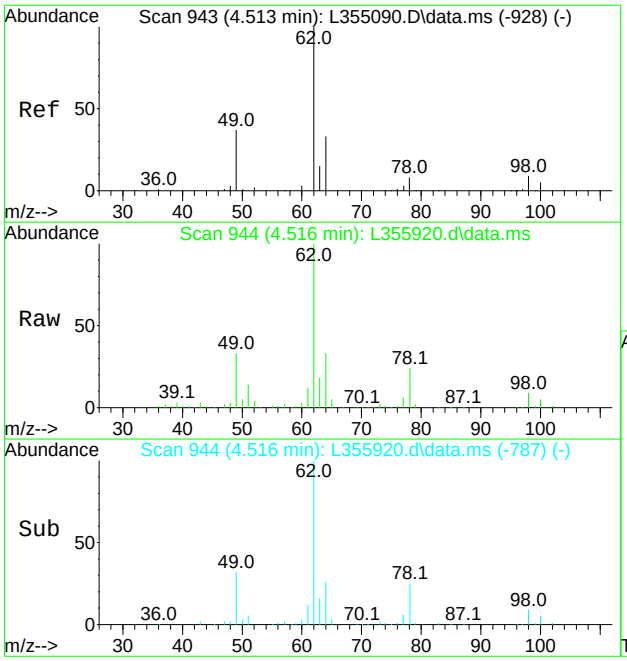


#57
heptane
Concen: 38.3951 ug/L
RT: 4.667 min Scan# 991
Delta R.T. 0.006 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 57 Resp: 112404

Ion	Ratio	Lower	Upper
57	100		
43	185.5	170.1	230.1
71	99.2	59.7	119.7
100	27.7	0.0	59.5

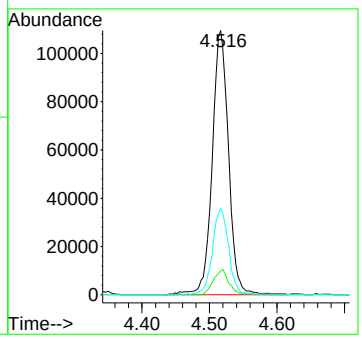


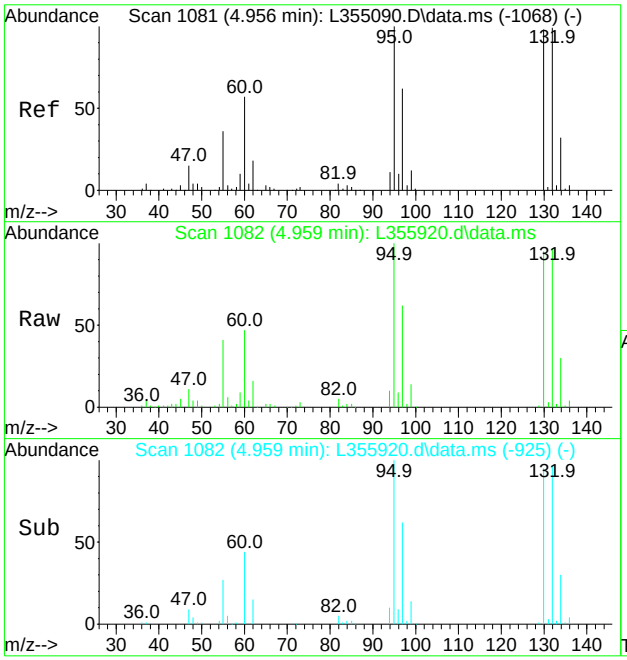


#58
1,2-dichloroethane
Concen: 41.1616 ug/L
RT: 4.516 min Scan# 944
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 62 Resp: 184962

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	39.1
64	32.8	2.9	62.9

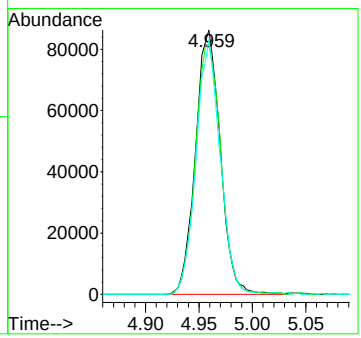


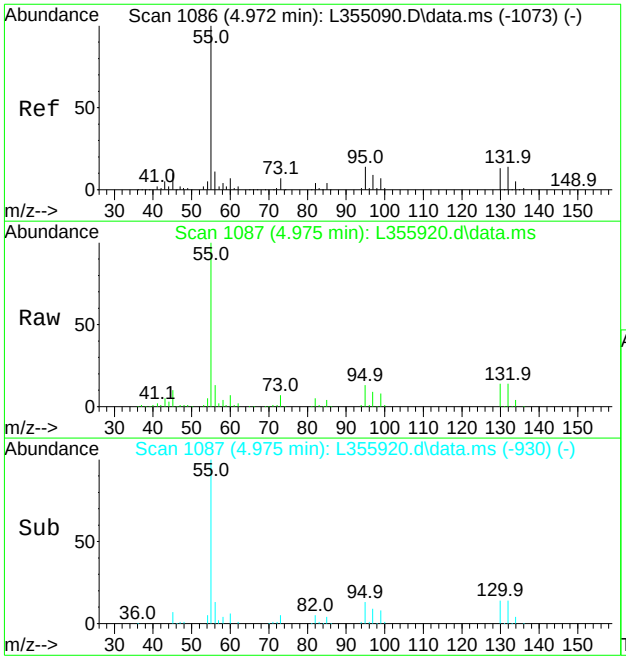


#59
trichloroethene
Concen: 43.4918 ug/L
RT: 4.959 min Scan# 1082
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 95 Resp: 139765

Ion	Ratio	Lower	Upper
95	100		
130	94.7	68.4	128.4
132	96.5	68.7	128.7

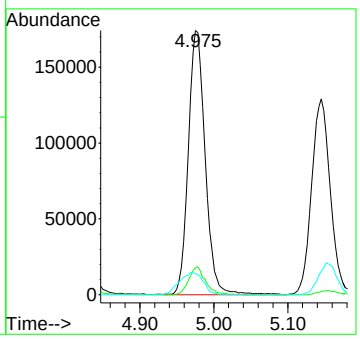


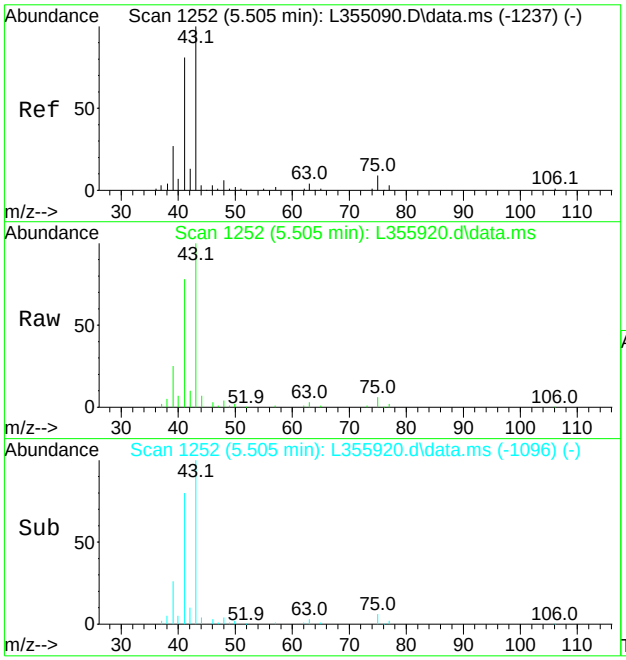


#60
ethyl acrylate
Concen: 41.8946 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 55 Resp: 277381

Ion	Ratio	Lower	Upper
55	100		
45	10.2	0.0	30.3
99	8.1	0.0	27.2

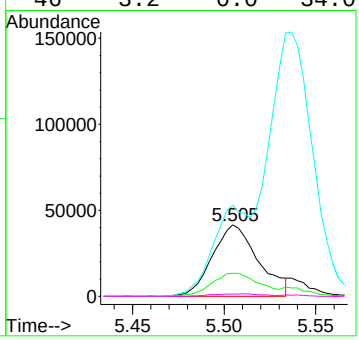


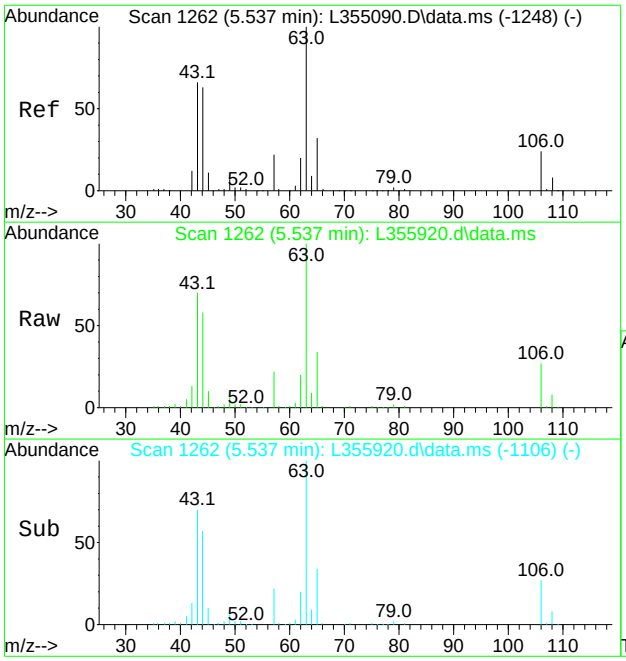


#61
2-nitropropane
Concen: 45.3909 ug/L
RT: 5.505 min Scan# 1252
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 41 Resp: 72676

Ion	Ratio	Lower	Upper
41	100		
39	32.1	3.7	63.7
43	127.5	92.8	152.8
46	3.2	0.0	34.0

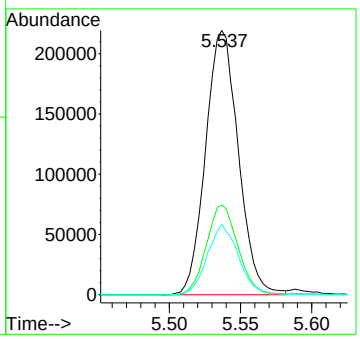


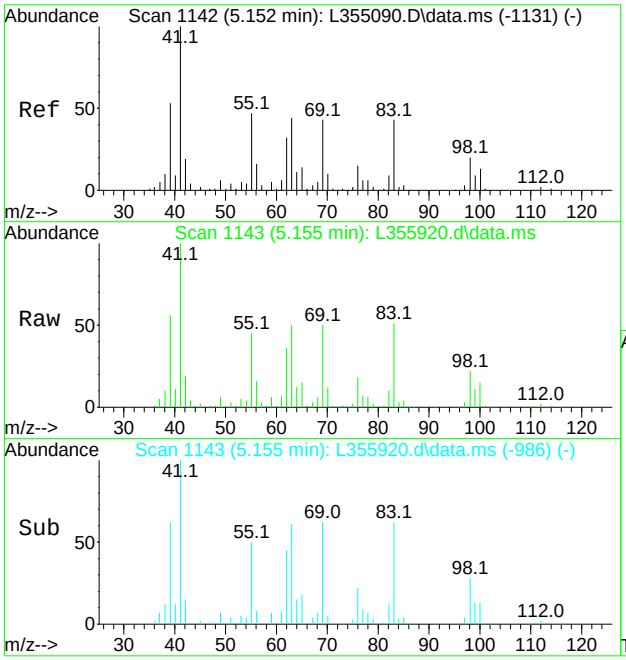


#62
2-chloroethyl vinyl ether
Concen: 227.9599 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 63 Resp: 351480

Ion	Ratio	Lower	Upper
63	100		
65	34.1	2.0	62.0
106	26.6	0.0	53.7

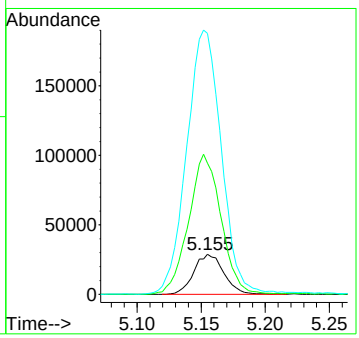


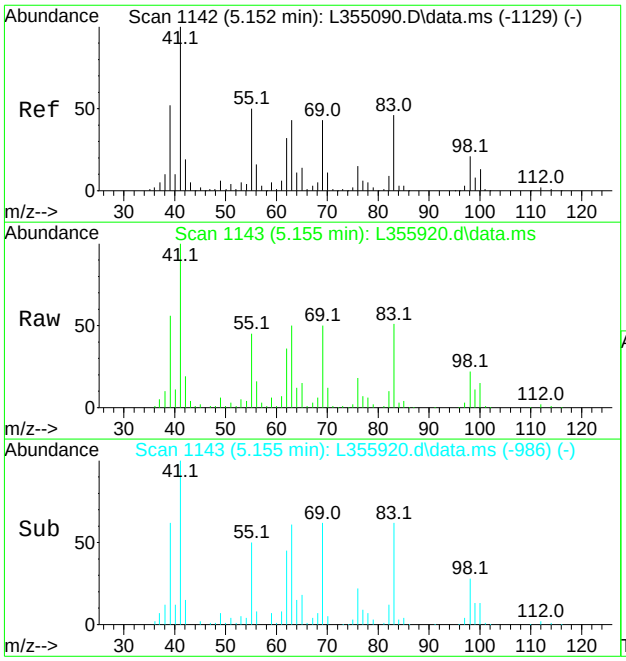


#63
methyl methacrylate
Concen: 47.9965 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:100 Resp: 47203

Ion	Ratio	Lower	Upper
100	100		
69	324.4	303.9	363.9
41	643.7	748.3	808.3#

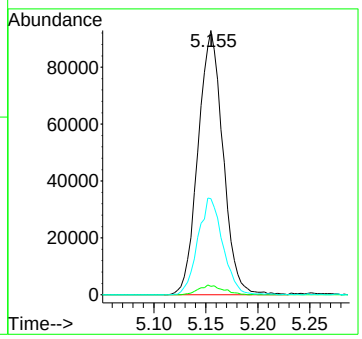


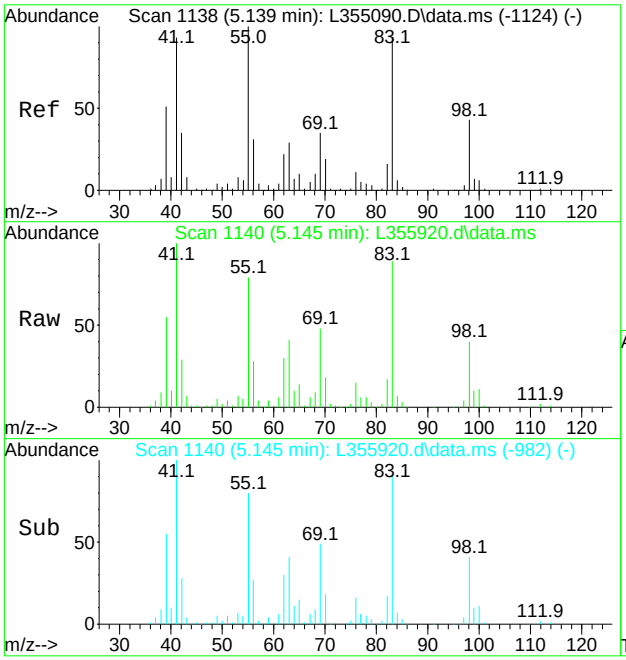


#64
1,2-dichloropropane
Concen: 39.9997 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 63 Resp: 155359

Ion	Ratio	Lower	Upper
63	100		
112	3.2	0.0	33.9
76	36.4	3.9	63.9

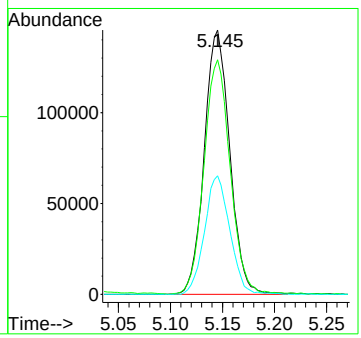


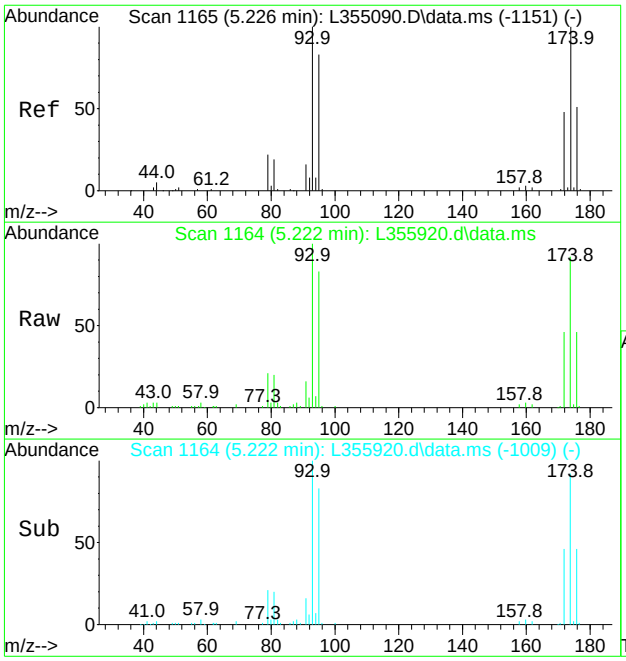


#65
methylcyclohexane
Concen: 42.2699 ug/L
RT: 5.145 min Scan# 1140
Delta R.T. 0.006 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 83 Resp: 247706

Ion	Ratio	Lower	Upper
83	100		
55	88.5	77.0	137.0
98	44.9	16.0	76.0

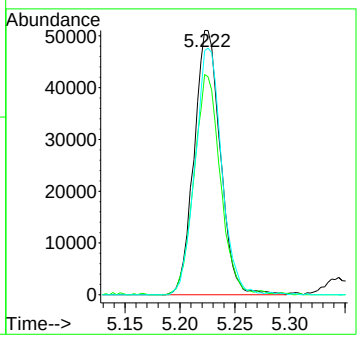


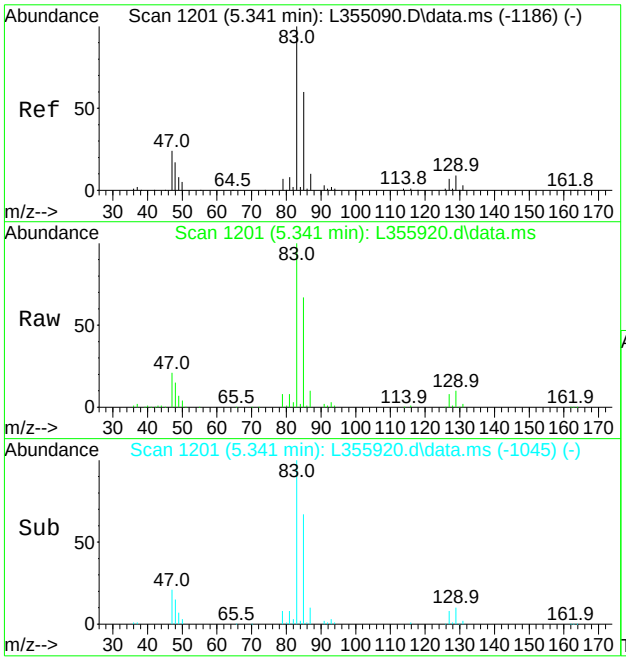


#66
dibromomethane
Concen: 44.6976 ug/L
RT: 5.222 min Scan# 1164
Delta R.T. -0.004 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 93 Resp: 84812

Ion	Ratio	Lower	Upper
93	100		
95	83.3	52.7	112.7
174	92.4	70.1	130.1

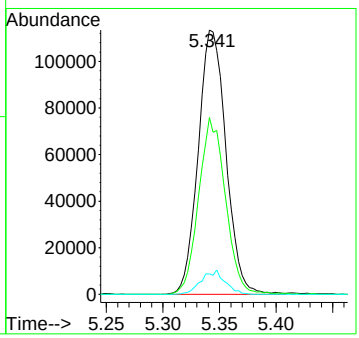


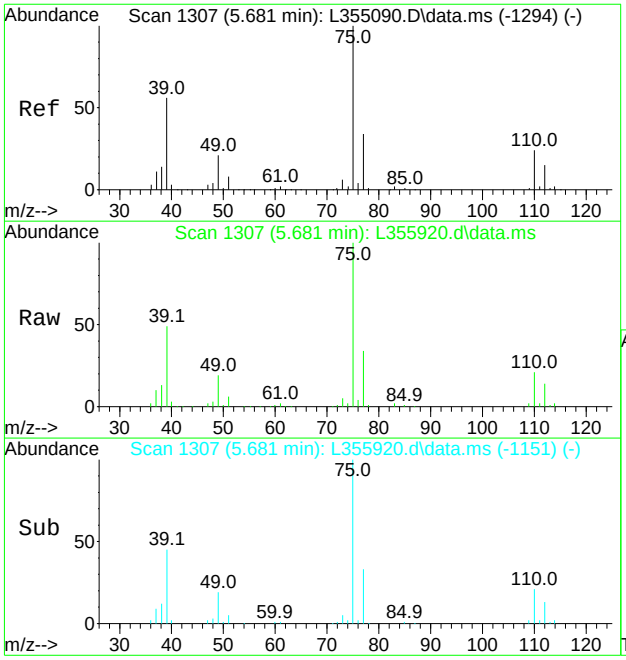


#67
bromodichloromethane
Concen: 42.9335 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 83 Resp: 193430

Ion	Ratio	Lower	Upper
83	100		
85	66.9	30.1	90.1
127	7.8	0.0	37.3

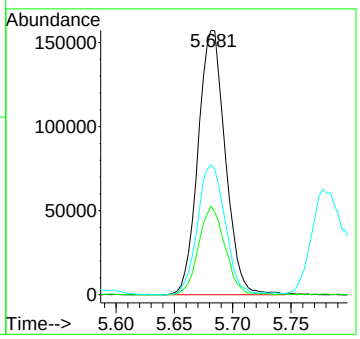


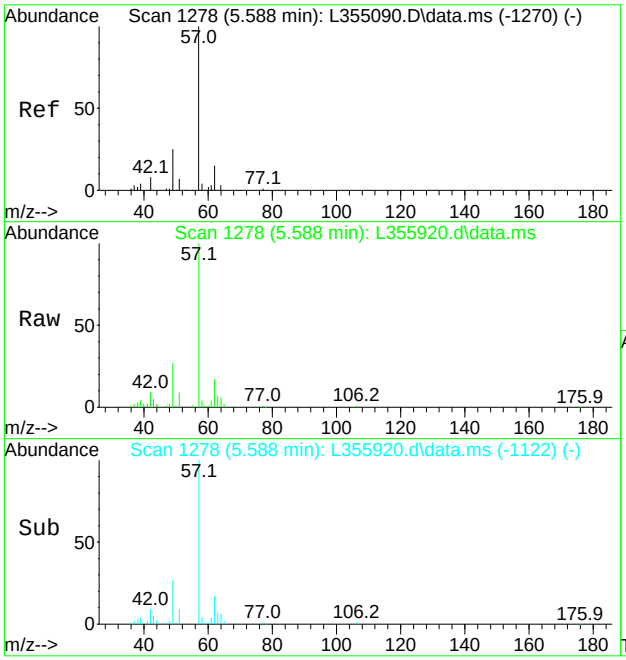


#68
cis-1,3-dichloropropene
Concen: 44.3186 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 75 Resp: 256214

Ion	Ratio	Lower	Upper
75	100		
77	33.7	4.0	64.0
39	49.2	25.8	85.8

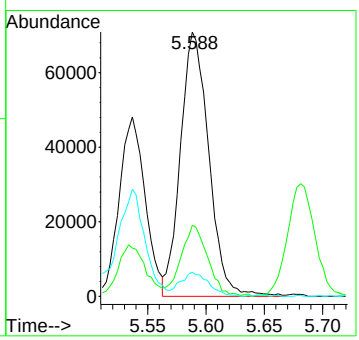


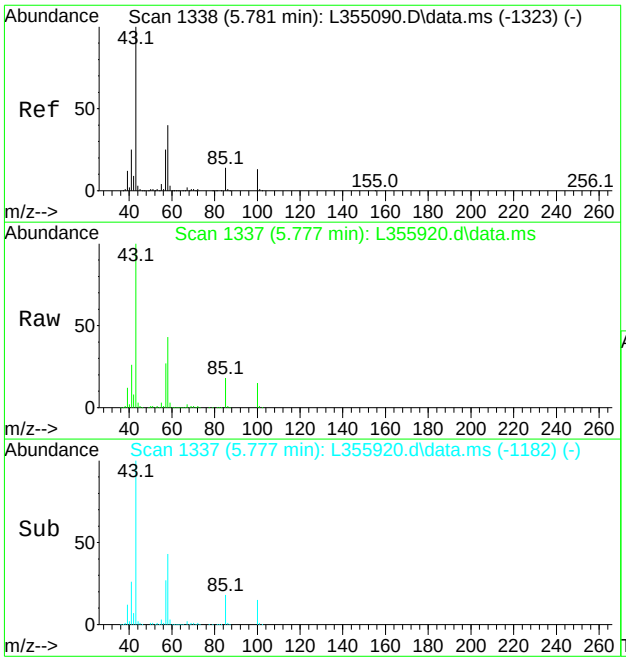


#69
epichlorohydrin
Concen: 231.8501 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 57 Resp: 119691

Ion	Ratio	Lower	Upper
57	100		
49	23.9	3.3	43.3
42	9.2	0.0	30.7

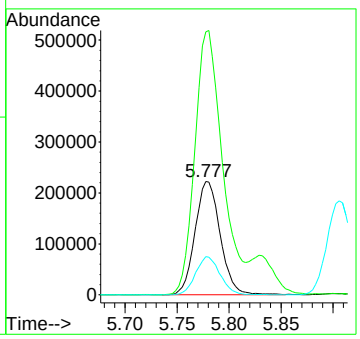


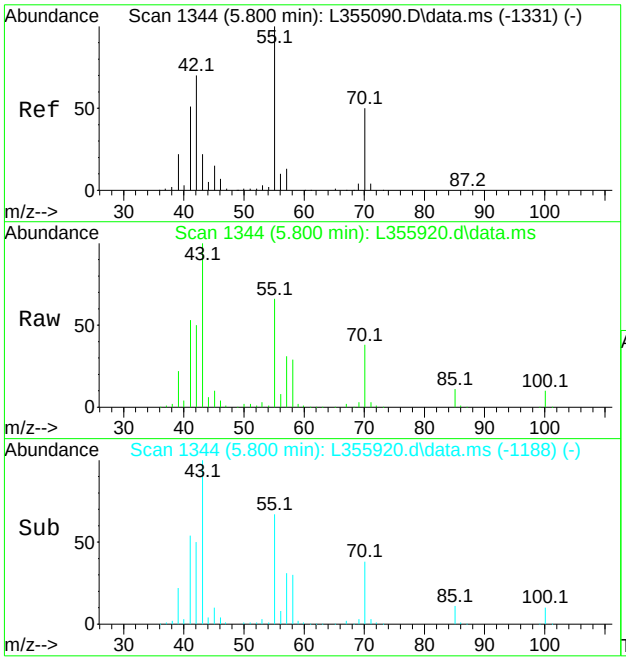


#70
4-methyl-2-pentanone
Concen: 176.4928 ug/L
RT: 5.777 min Scan# 1337
Delta R.T. -0.004 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 58 Resp: 376198

Ion	Ratio	Lower	Upper
58	100		
43	231.8	227.9	267.9
100	33.7	11.2	51.2

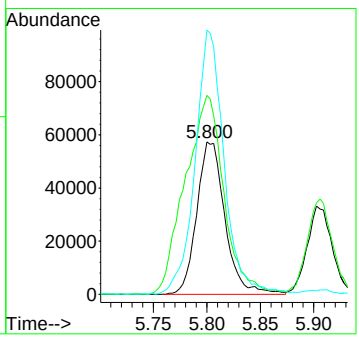


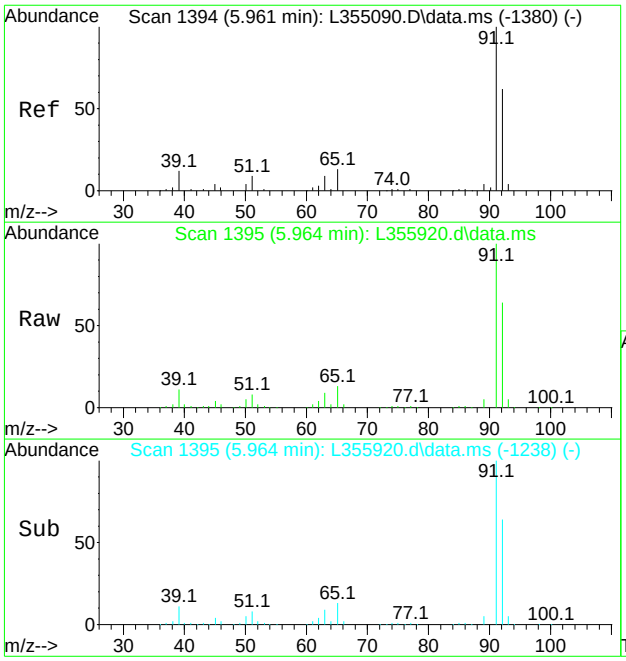


#71
3-methyl-1-butanol
Concen: 1144.9342 ug/L
RT: 5.800 min Scan# 1344
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 70 Resp: 105236

Ion	Ratio	Lower	Upper
70	100		
42	129.0	131.6	171.6#
55	171.8	180.2	220.2#

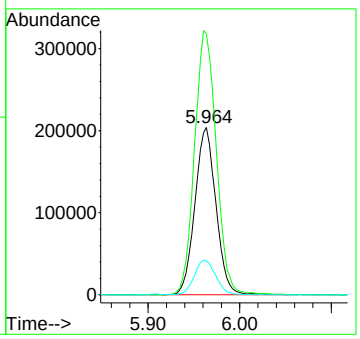


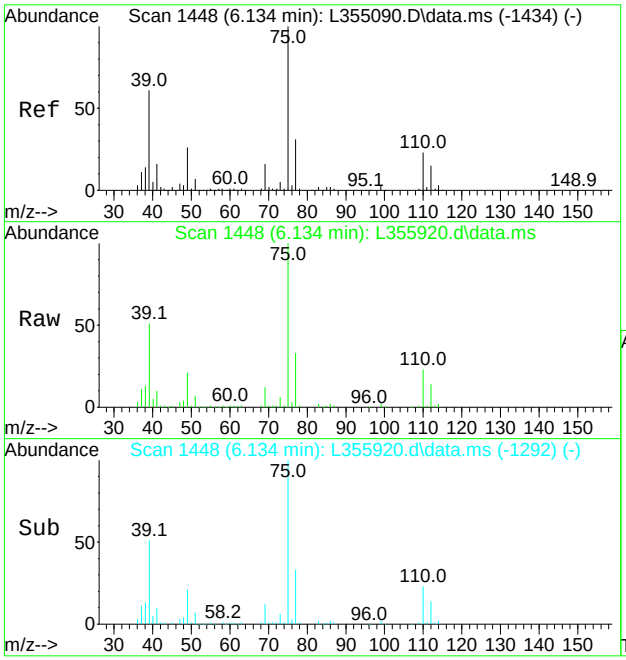


#74
toluene
Concen: 41.1154 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 92 Resp: 325410

Ion	Ratio	Lower	Upper
92	100		
91	155.9	130.7	190.7
65	20.4	0.0	51.2

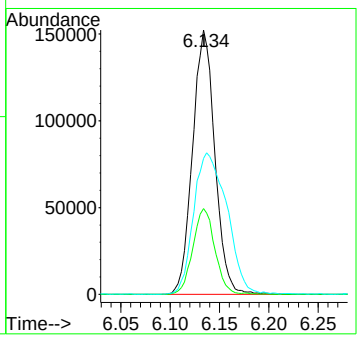


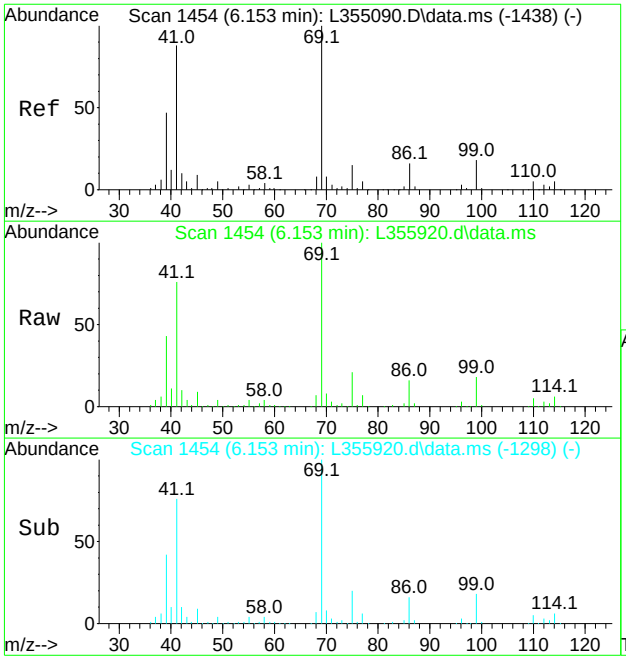


#75
trans-1,3-dichloropropene
Concen: 42.6201 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 75 Resp: 239793

Ion	Ratio	Lower	Upper
75	100		
77	32.5	1.0	61.0
39	51.3	30.8	90.8

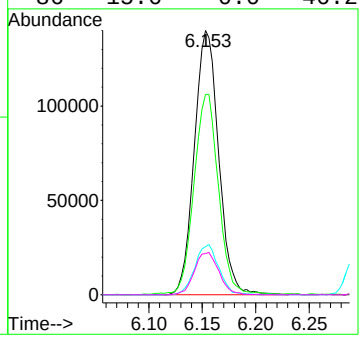


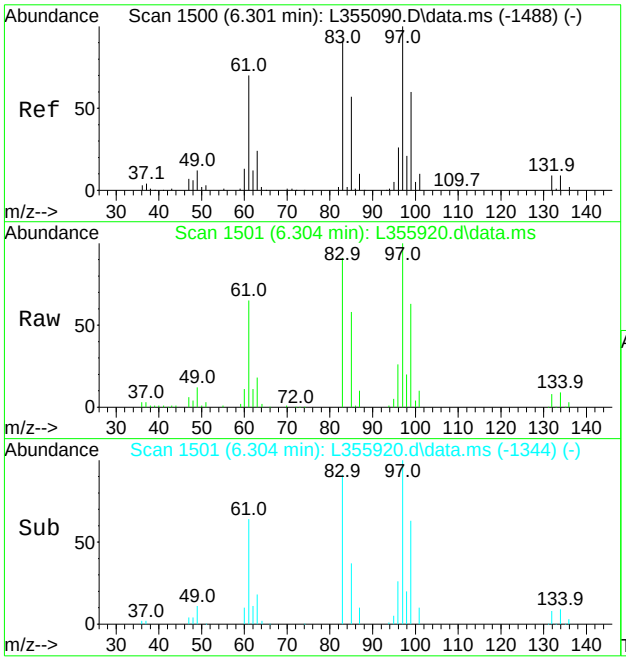


#76
ethyl methacrylate
Concen: 43.0984 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 69 Resp: 221798

Ion	Ratio	Lower	Upper
69	100		
41	75.3	57.6	117.6
99	18.2	0.0	48.5
86	15.6	0.0	46.2

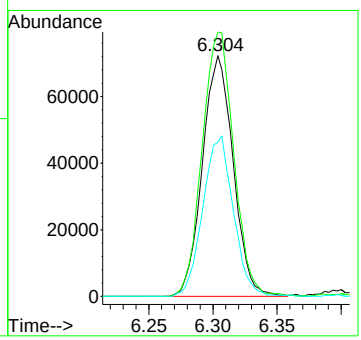


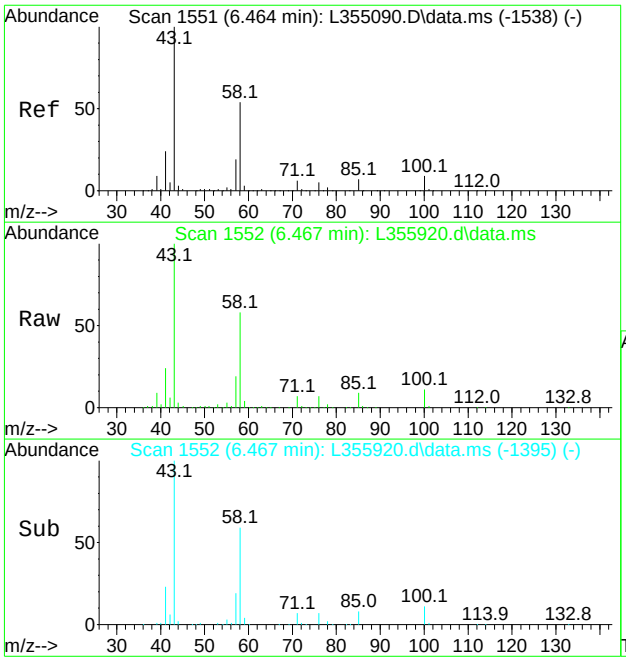


#77
1,1,2-trichloroethane
Concen: 43.2770 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 83 Resp: 121005

Ion	Ratio	Lower	Upper
83	100		
97	109.9	80.2	140.2
85	64.1	33.0	93.0

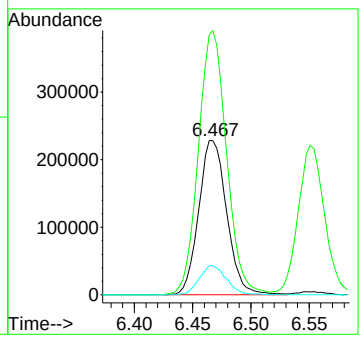


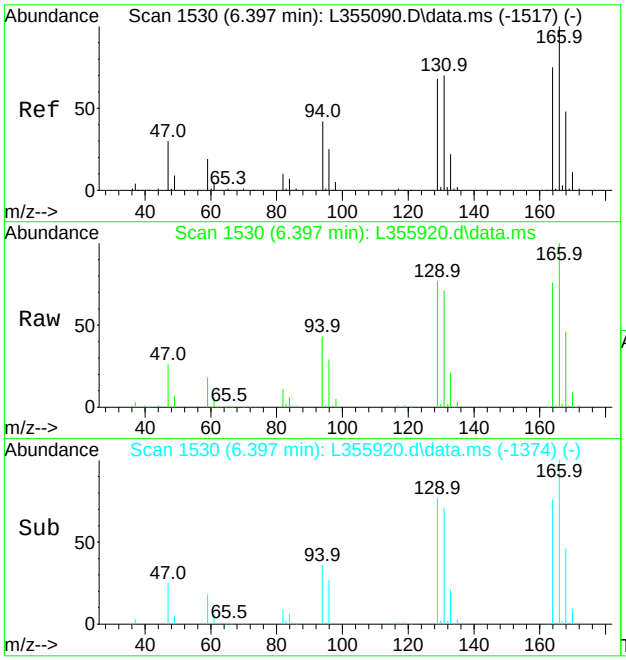


#78
2-hexanone
Concen: 164.9419 ug/L
RT: 6.467 min Scan# 1552
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 58 Resp: 382335

Ion	Ratio	Lower	Upper
58	100		
43	171.2	154.5	214.5
100	19.0	0.0	46.6

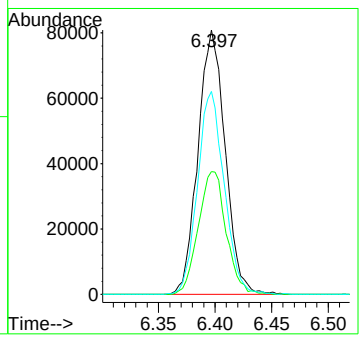


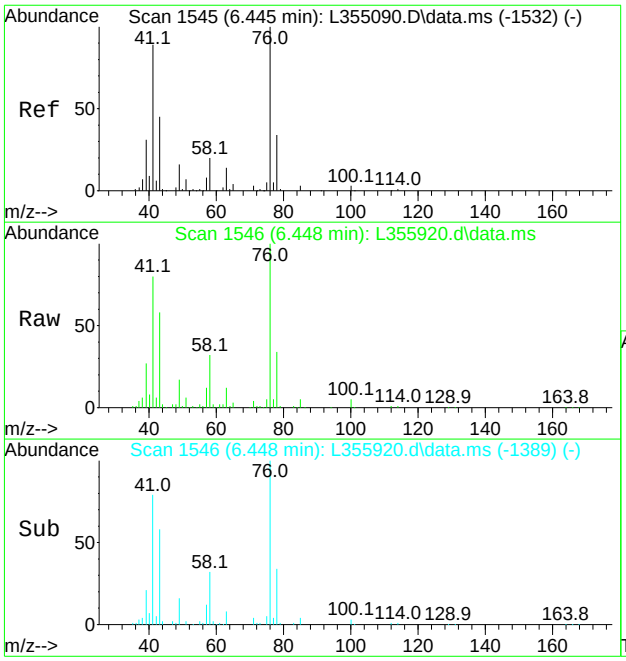


#79
tetrachloroethene
Concen: 40.8251 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:166 Resp: 134926

Ion	Ratio	Lower	Upper
166	100		
168	46.4	18.3	78.3
129	76.7	38.5	98.5

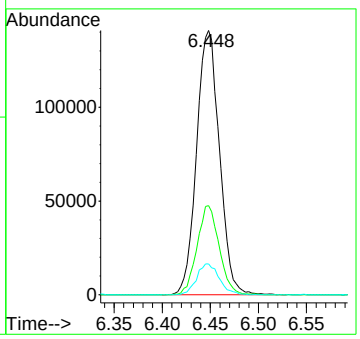


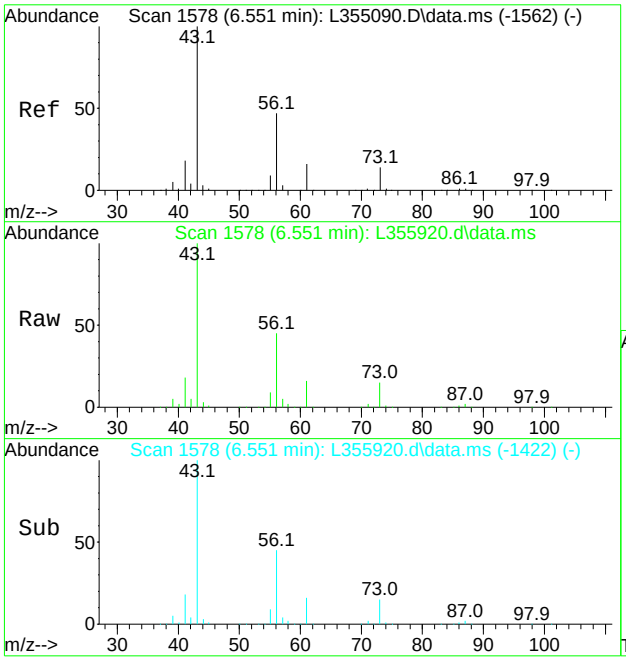


#80
1,3-dichloropropane
Concen: 42.6534 ug/L
RT: 6.448 min Scan# 1546
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 76 Resp: 233183

Ion	Ratio	Lower	Upper
76	100		
78	33.7	3.8	63.8
63	11.7	0.0	43.8

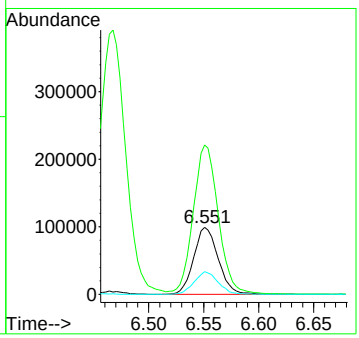


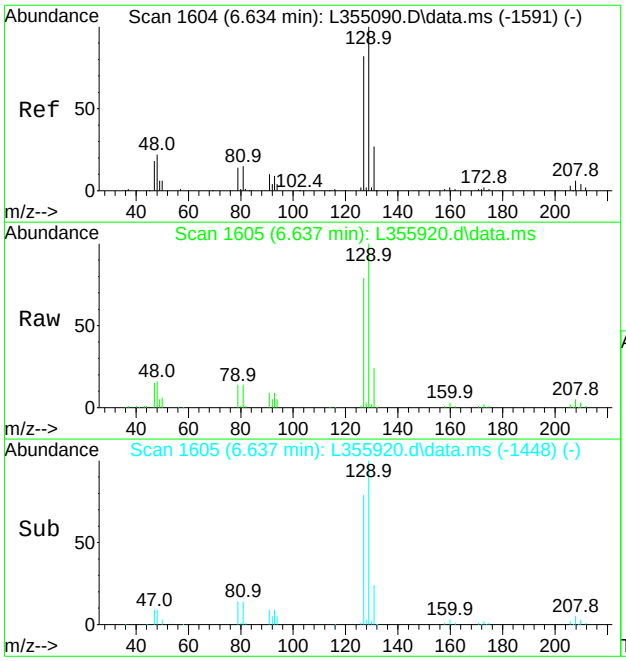


#81
butyl acetate
Concen: 41.5221 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 56 Resp: 154042

Ion	Ratio	Lower	Upper
56	100		
43	222.2	194.2	254.2
73	33.9	0.0	58.5

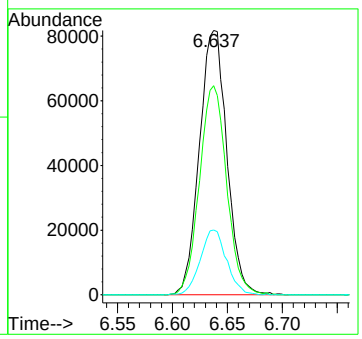


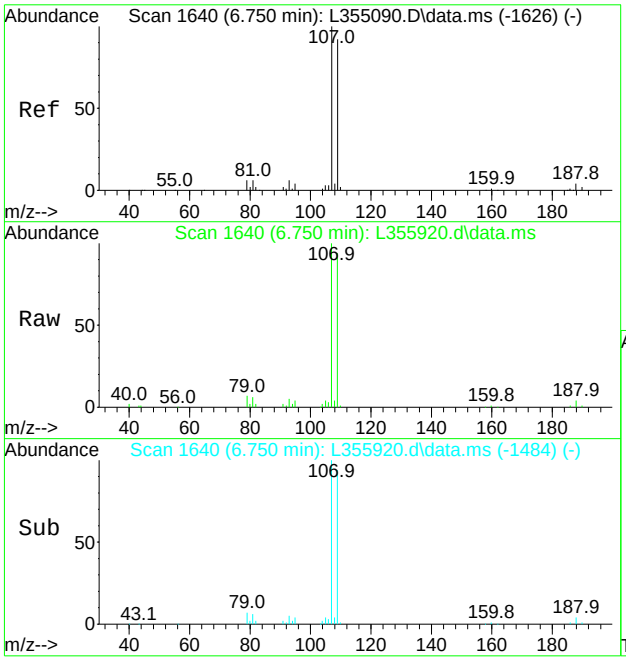


#82
dibromochloromethane
Concen: 42.4465 ug/L
RT: 6.637 min Scan# 1605
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:129 Resp: 142297

Ion	Ratio	Lower	Upper
129	100		
127	79.1	51.9	111.9
131	24.5	0.0	56.8

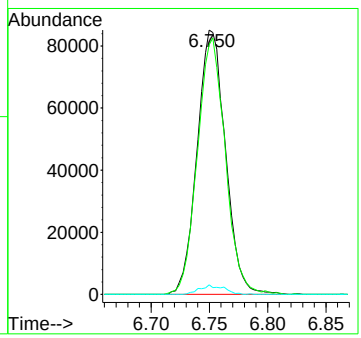


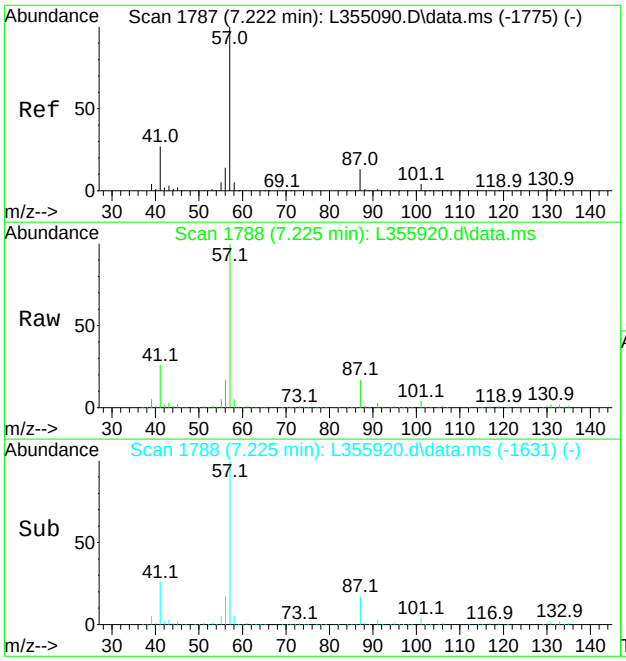


#83
1,2-dibromoethane
Concen: 43.4993 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:107 Resp: 143895

Ion	Ratio	Lower	Upper
107	100		
109	94.5	62.2	122.2
188	3.6	0.0	33.6

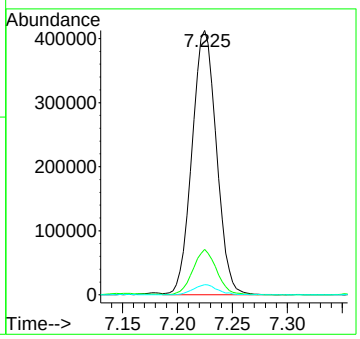


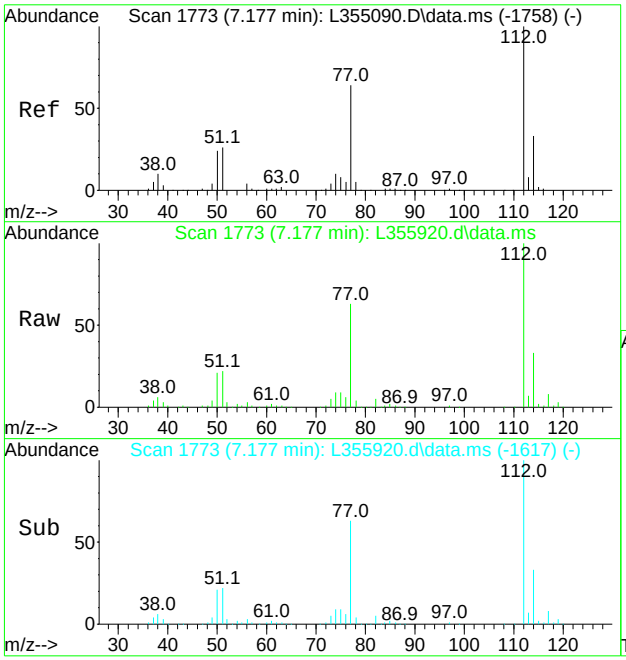


#84
n-butyl ether
Concen: 38.4425 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 57 Resp: 638481

Ion	Ratio	Lower	Upper
57	100		
87	17.1	0.0	43.5
101	3.8	0.0	33.5

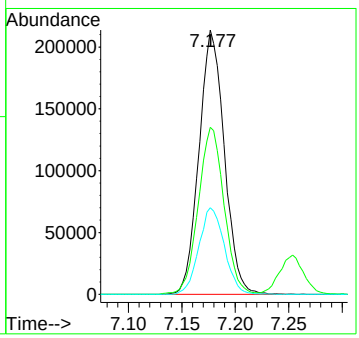


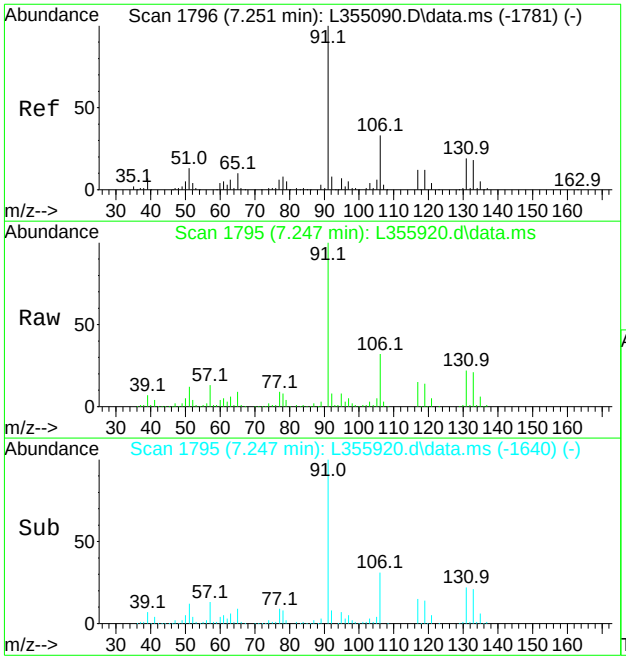


#85
chlorobenzene
Concen: 42.5611 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:112 Resp: 351684

Ion	Ratio	Lower	Upper
112	100		
77	62.9	34.0	94.0
114	32.8	2.8	62.8

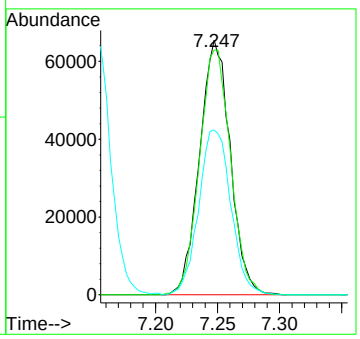


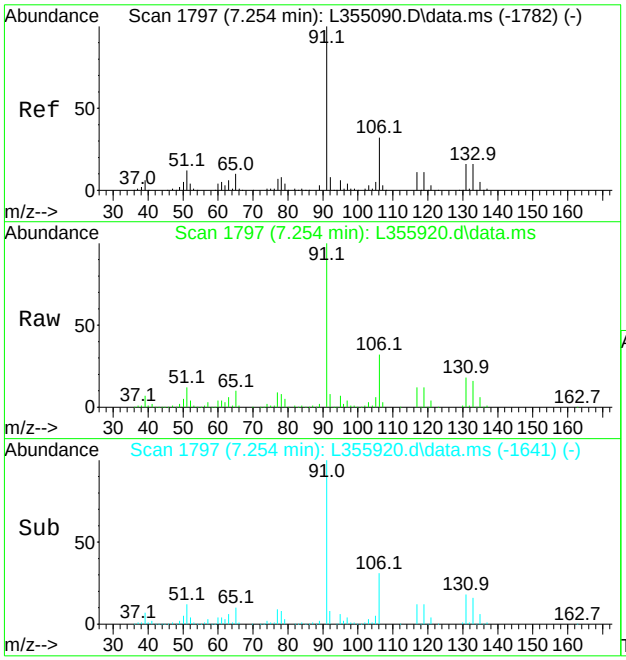


#86
1,1,1,2-tetrachloroethane
Concen: 39.2026 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.004 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:131 Resp: 112418

Ion	Ratio	Lower	Upper
131	100		
133	96.0	65.5	125.5
119	64.7	34.9	94.9

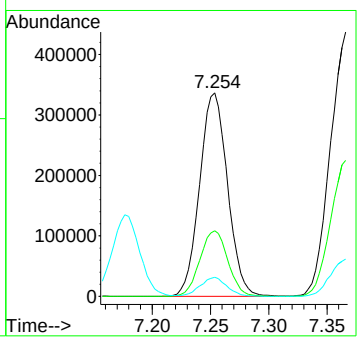


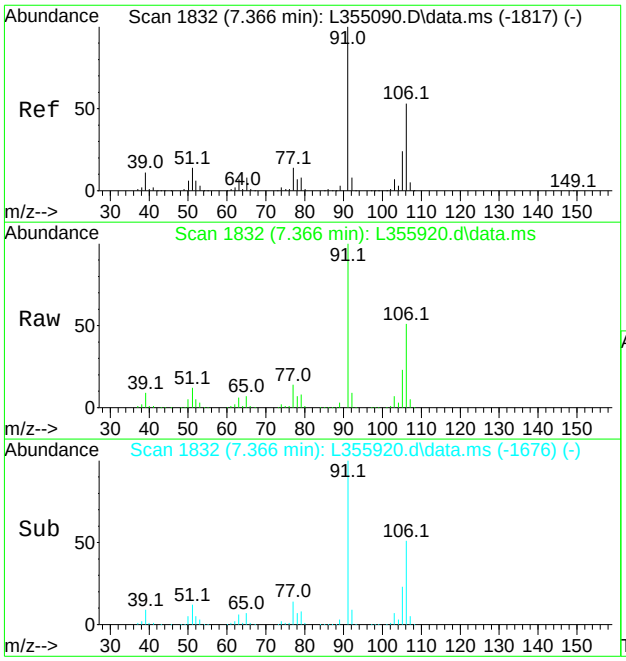


#87
ethylbenzene
Concen: 40.2544 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 91 Resp: 561702

Ion	Ratio	Lower	Upper
91	100		
106	32.2	1.8	61.8
77	9.4	0.0	38.8

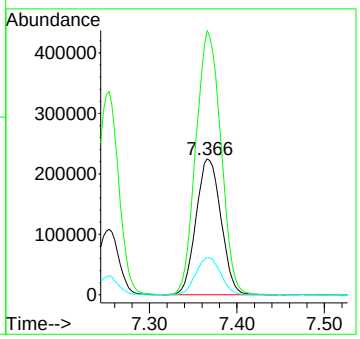


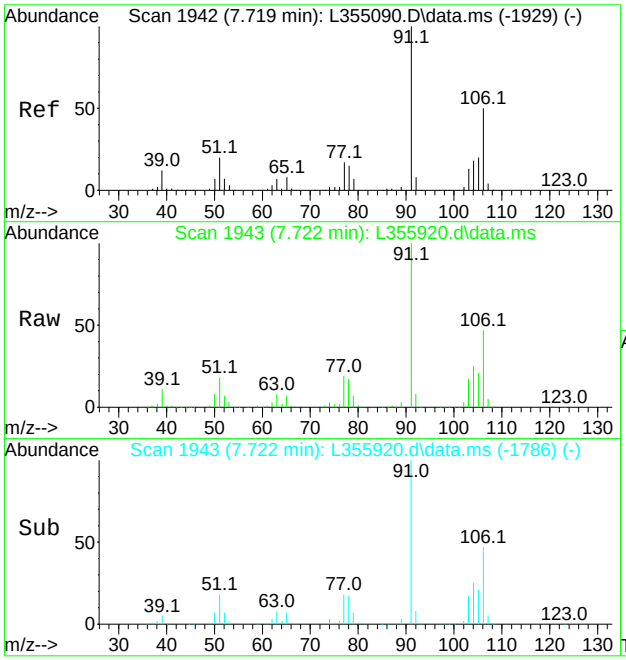


#88
m,p-xylene
Concen: 78.6952 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:106 Resp: 446424

Ion	Ratio	Lower	Upper
106	100		
91	194.2	158.2	218.2
77	27.5	6.9	46.9

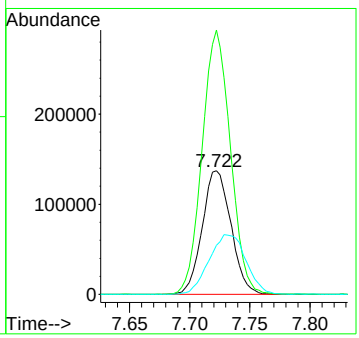


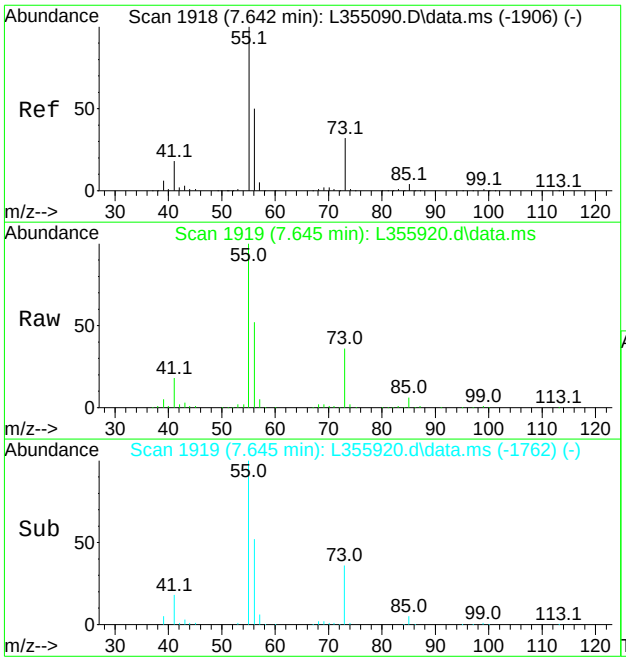


#89
o-xylene
Concen: 39.2107 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:106 Resp: 227831

Ion	Ratio	Lower	Upper
106	100		
91	213.7	170.0	230.0
77	39.6	14.0	54.0

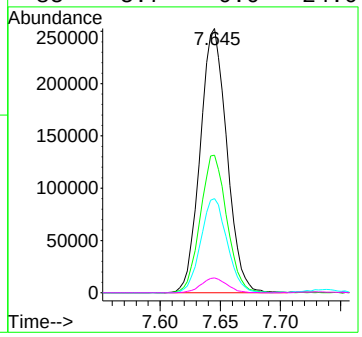


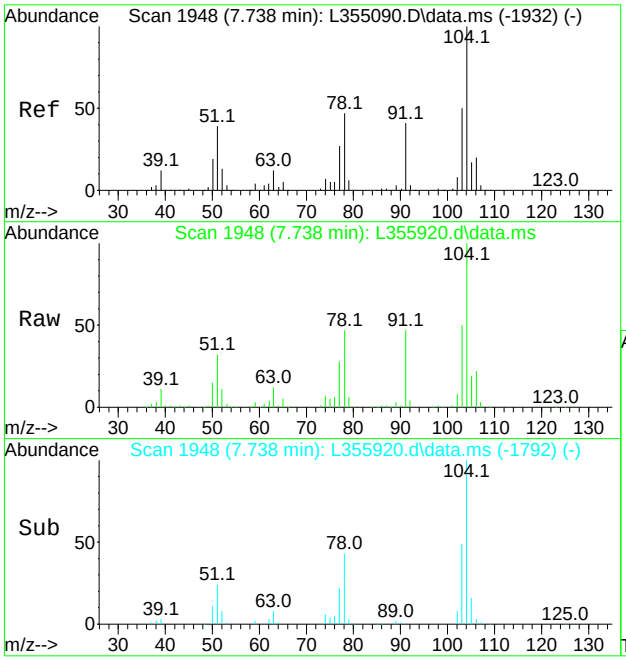


#90
butyl acrylate
Concen: 40.0316 ug/L
RT: 7.645 min Scan# 1919
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 55 Resp: 389714

Ion	Ratio	Lower	Upper
55	100		
56	52.0	30.4	70.4
73	35.6	11.9	51.9
85	5.7	0.0	24.0

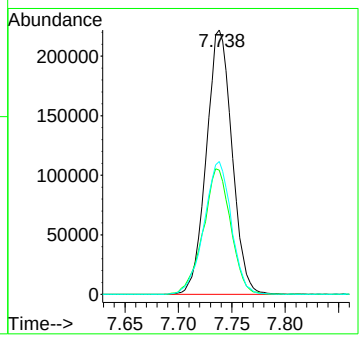


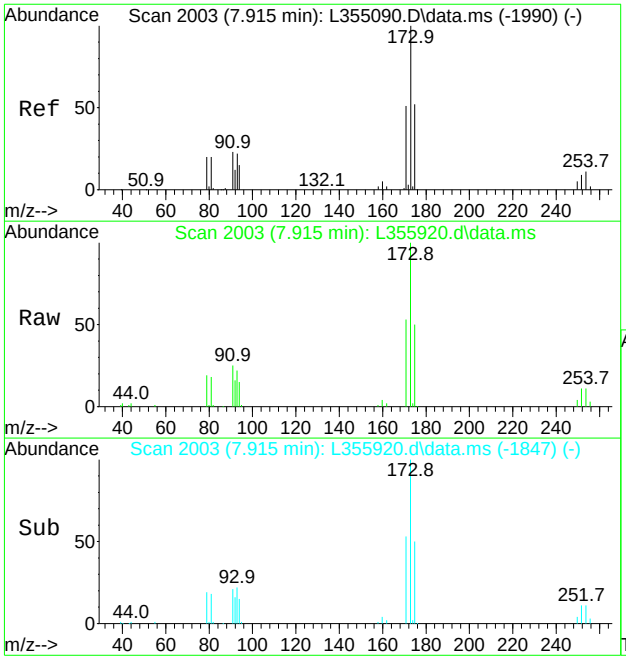


#91
styrene
Concen: 40.6968 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:104 Resp: 370996

Ion	Ratio	Lower	Upper
104	100		
78	47.0	17.3	77.3
103	50.3	19.8	79.8

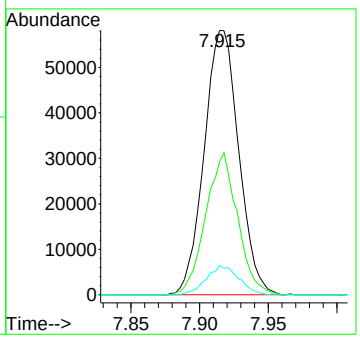


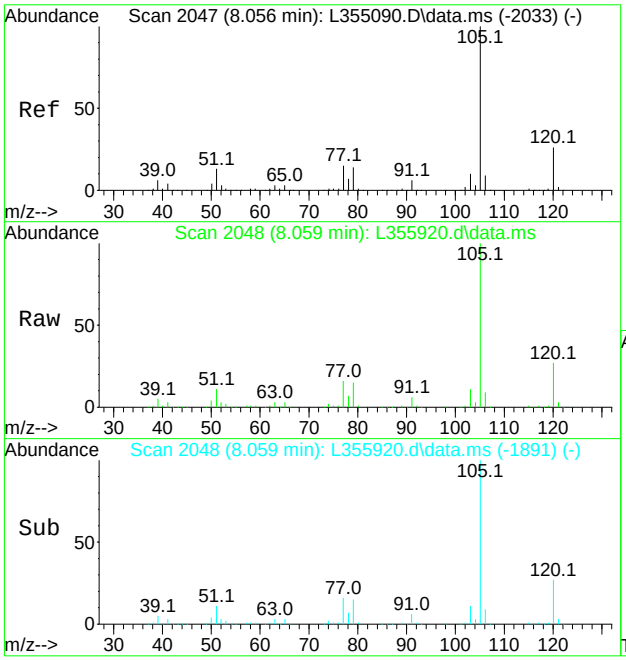


#92
bromoform
Concen: 41.1806 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:173 Resp: 101680

Ion	Ratio	Lower	Upper
173	100		
175	50.2	22.1	82.1
254	11.0	0.0	41.0

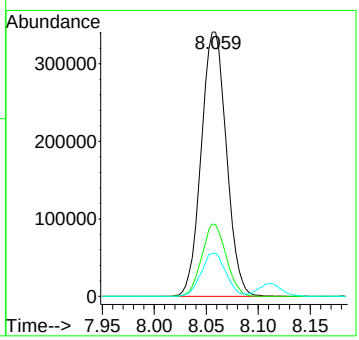


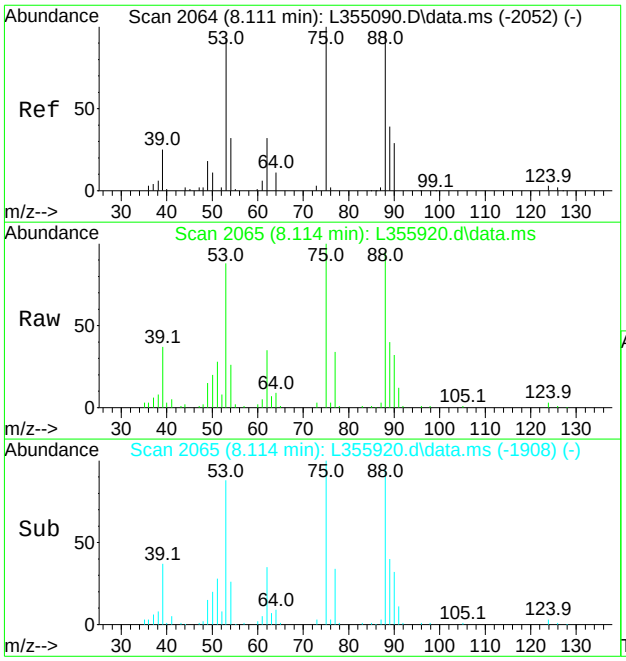


#93
isopropylbenzene
Concen: 39.7371 ug/L
RT: 8.059 min Scan# 2048
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:105 Resp: 574910

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.4	46.4
77	16.3	0.0	35.3

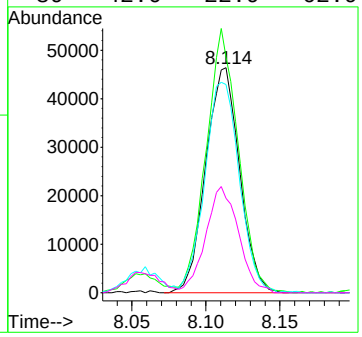


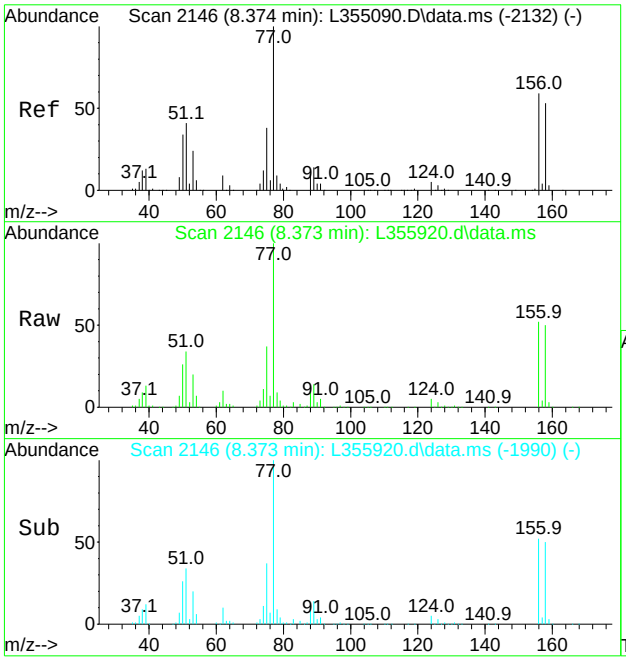


#94
cis-1,4-dichloro-2-butene
Concen: 45.7590 ug/L
RT: 8.114 min Scan# 2065
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 88 Resp: 73656

Ion	Ratio	Lower	Upper
88	100		
75	104.2	87.0	127.0
53	92.1	79.7	119.7
89	42.0	22.9	62.9

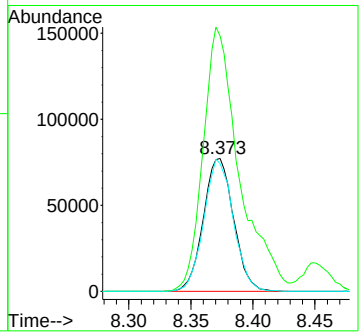


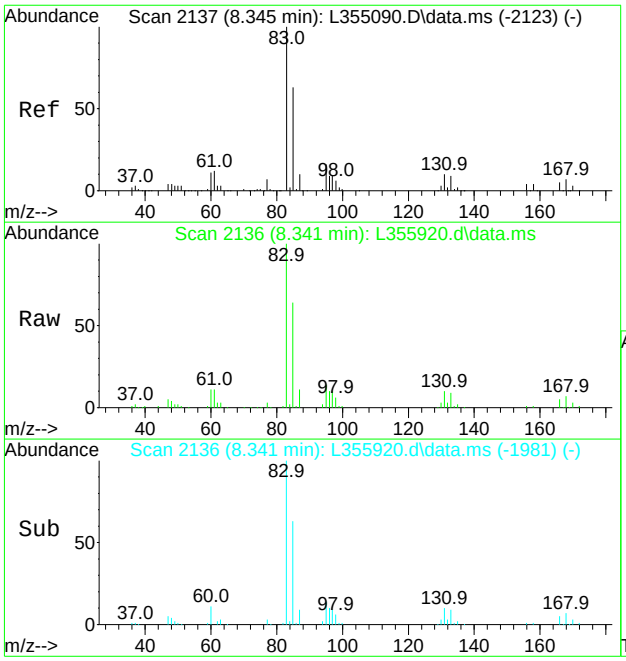


#97
bromobenzene
Concen: 44.2296 ug/L
RT: 8.373 min Scan# 2146
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:156 Resp: 131112

Ion	Ratio	Lower	Upper
156	100		
77	192.3	138.1	198.1
158	96.4	58.3	118.3

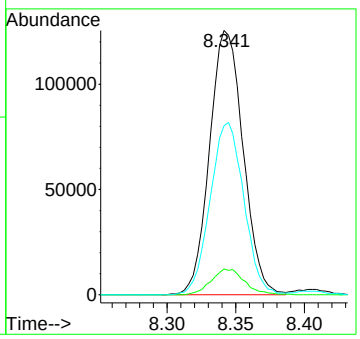


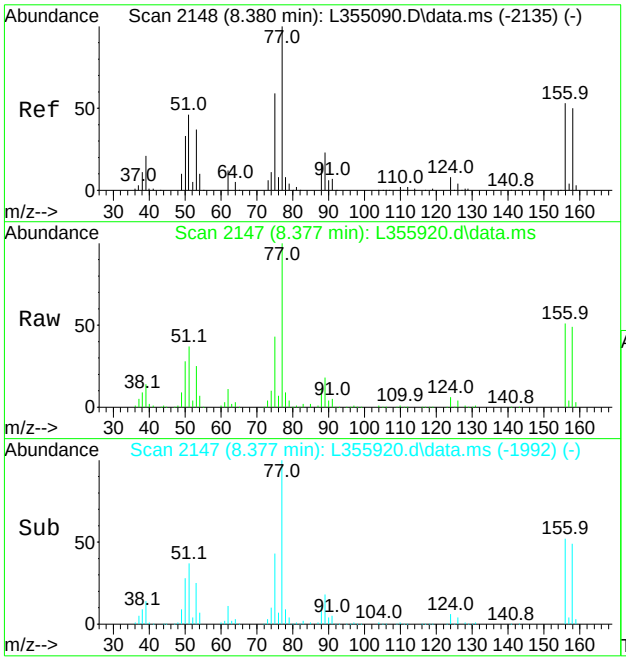


#98
1,1,2,2-tetrachloroethane
Concen: 49.5228 ug/L
RT: 8.341 min Scan# 2136
Delta R.T. -0.004 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 83 Resp: 213651

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	39.6
85	63.9	33.1	93.1

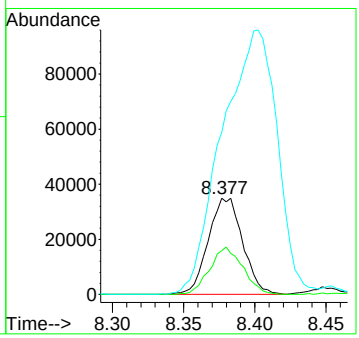


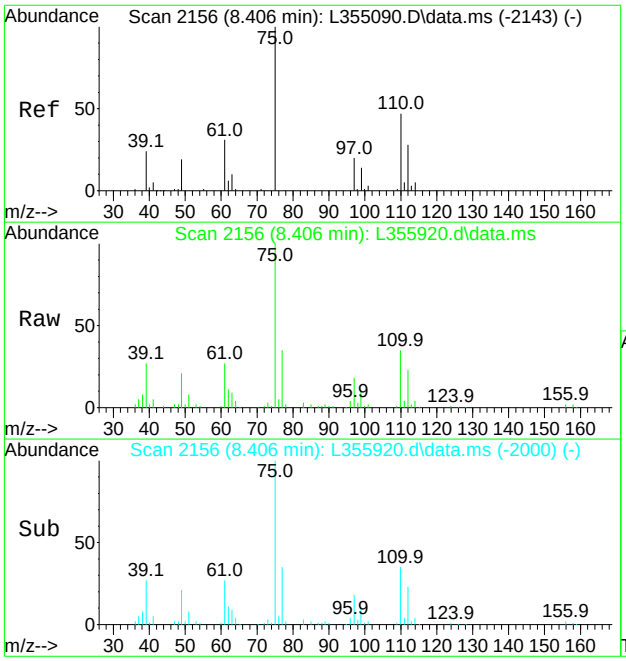


#99
trans-1,4-dichloro-2-butene
Concen: 42.4160 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 53 Resp: 58771

Ion	Ratio	Lower	Upper
53	100		
88	45.4	13.5	73.5
75	167.9	128.5	188.5

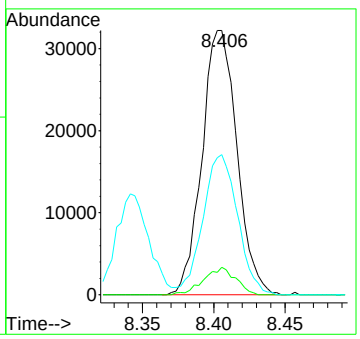


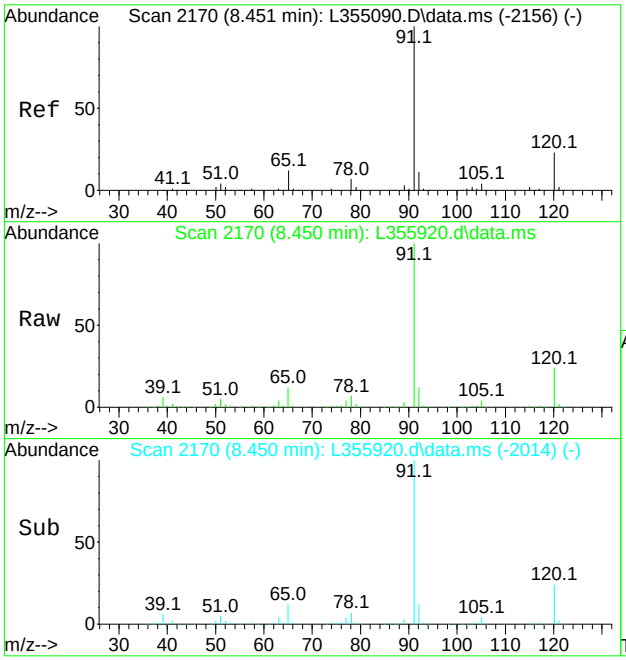


#100
1,2,3-trichloropropane
Concen: 47.5118 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:110 Resp: 54802

Ion	Ratio	Lower	Upper
110	100		
111	10.4	0.0	39.7
97	53.0	18.0	78.0

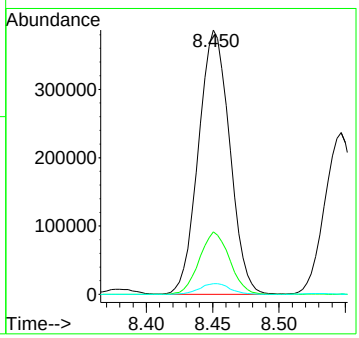


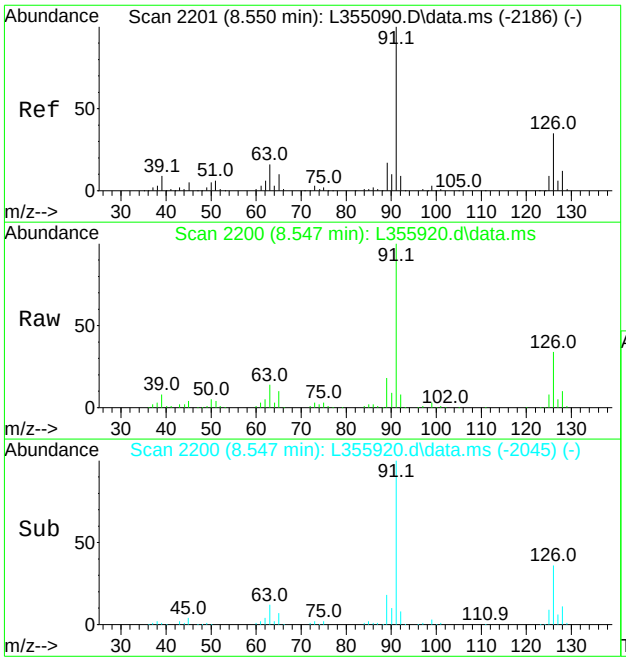


#101
n-propylbenzene
Concen: 42.3271 ug/L
RT: 8.450 min Scan# 2170
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 91 Resp: 633660

Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	53.4
105	4.0	0.0	34.1

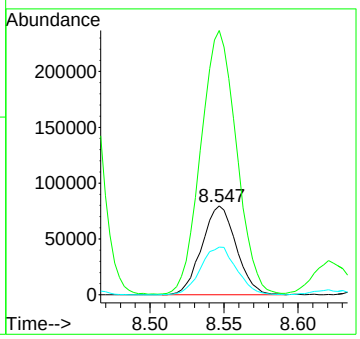


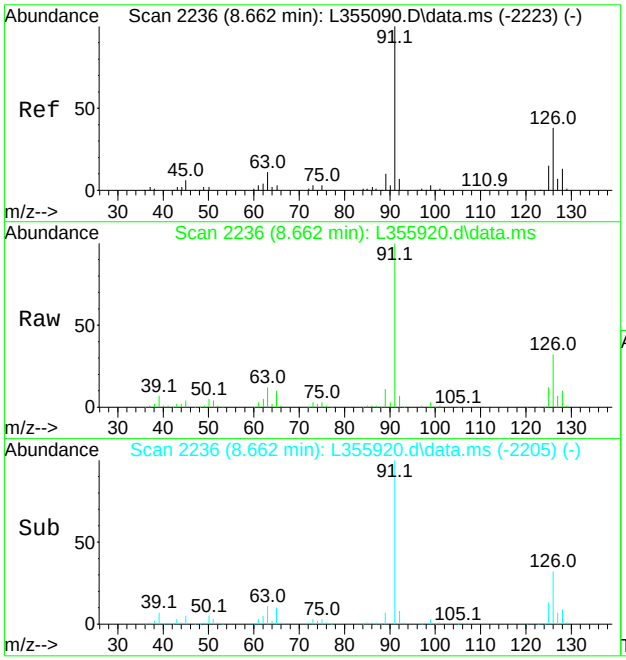


#102
2-chlorotoluene
Concen: 44.0354 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:126 Resp: 128241

Ion	Ratio	Lower	Upper
126	100		
91	296.7	258.6	318.6
89	53.7	18.8	78.8

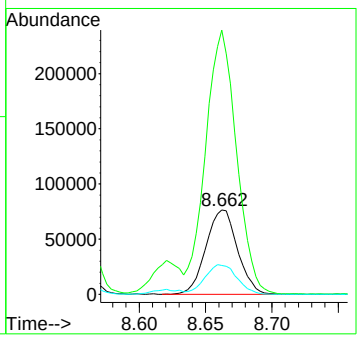


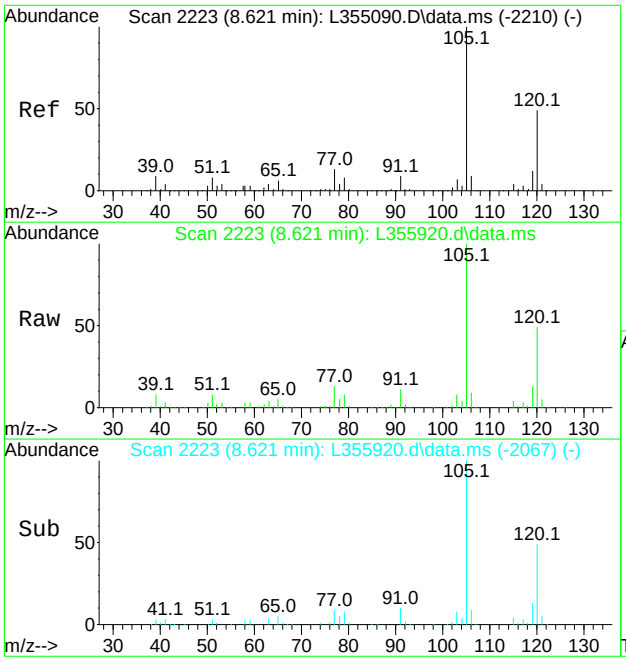


#103
4-chlorotoluene
Concen: 44.9228 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:126 Resp: 126744

Ion	Ratio	Lower	Upper
126	100		
91	312.8	272.7	332.7
89	34.4	2.4	62.4

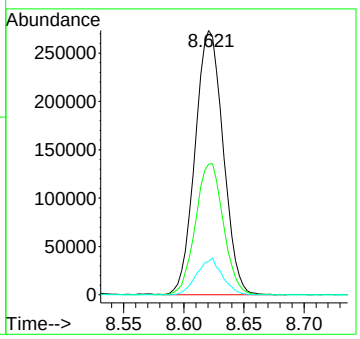


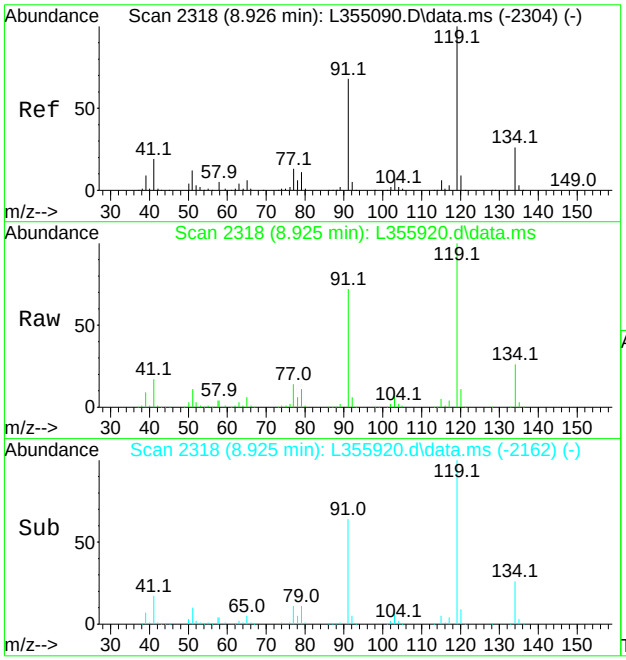


#104
1,3,5-trimethylbenzene
Concen: 42.1496 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:105 Resp: 444750

Ion	Ratio	Lower	Upper
105	100		
120	49.4	19.0	79.0
119	12.7	0.0	42.2

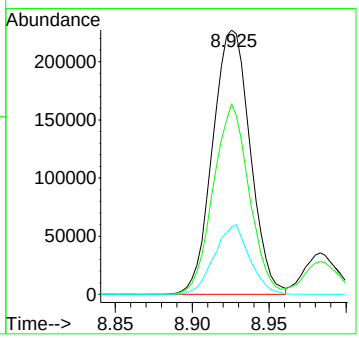


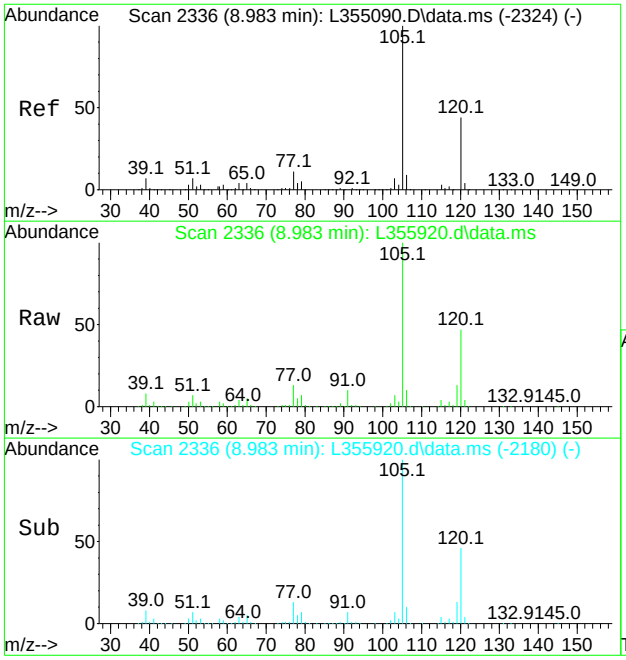


#105
tert-butylbenzene
Concen: 43.8147 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:119 Resp: 386181

Ion	Ratio	Lower	Upper
119	100		
91	72.0	38.0	98.0
134	25.6	0.0	56.2

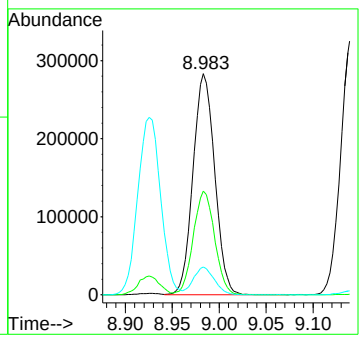


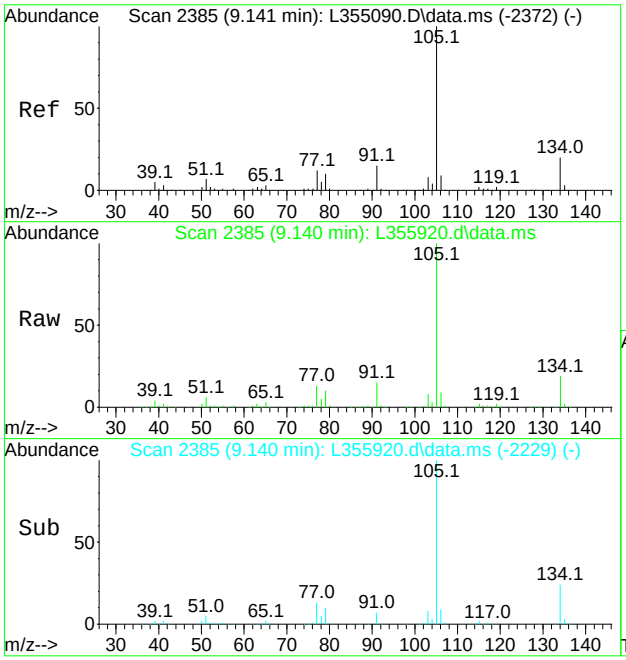


#106
1,2,4-trimethylbenzene
Concen: 43.2875 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:105 Resp: 456521

Ion	Ratio	Lower	Upper
105	100		
120	46.9	15.8	75.8
119	12.6	0.0	42.1

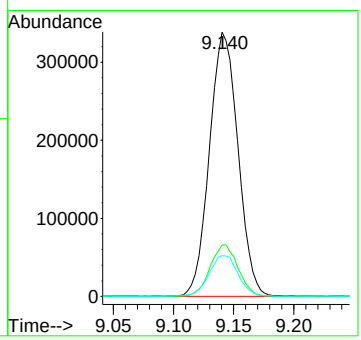


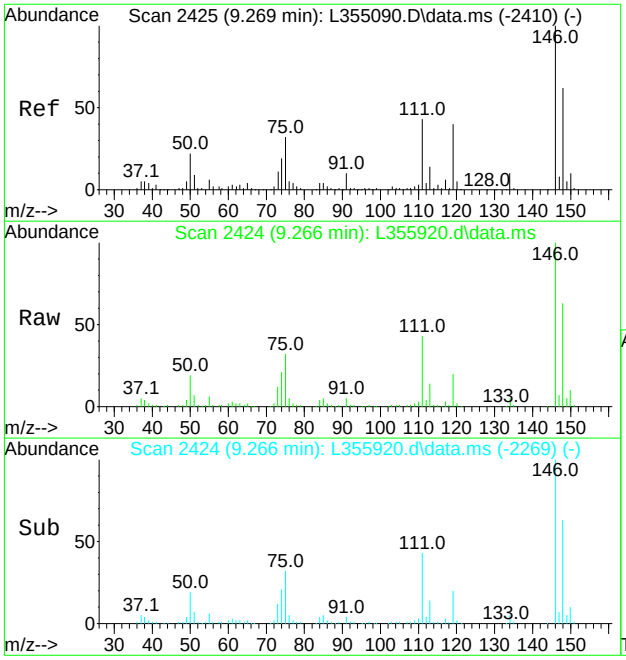


#107
sec-butylbenzene
Concen: 43.3651 ug/L
RT: 9.140 min Scan# 2385
Delta R.T. -0.001 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:105 Resp: 558273

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	50.4
91	15.4	0.0	45.4

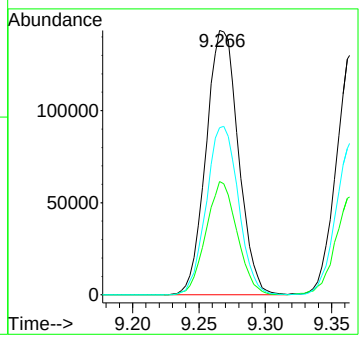


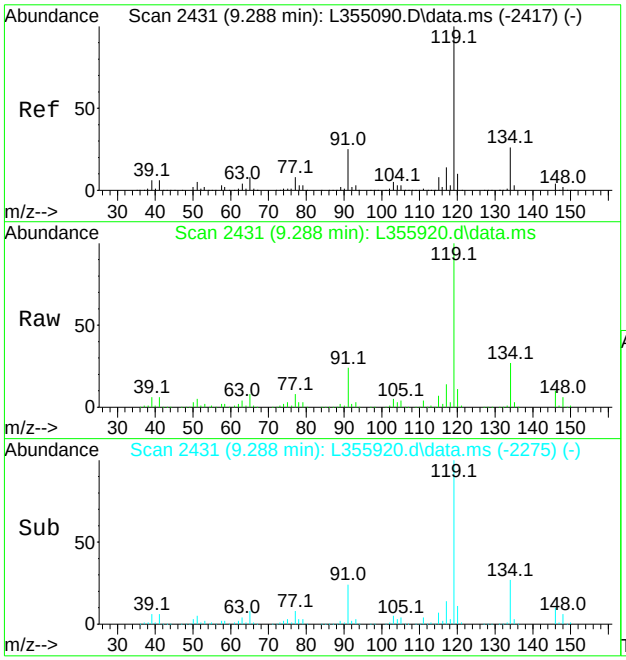


#108
1,3-dichlorobenzene
Concen: 47.3215 ug/L
RT: 9.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:146 Resp: 243380

Ion	Ratio	Lower	Upper
146	100		
111	42.9	13.1	73.1
148	63.2	32.4	92.4

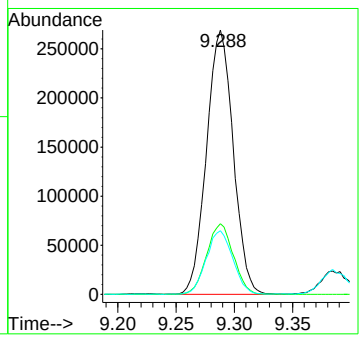


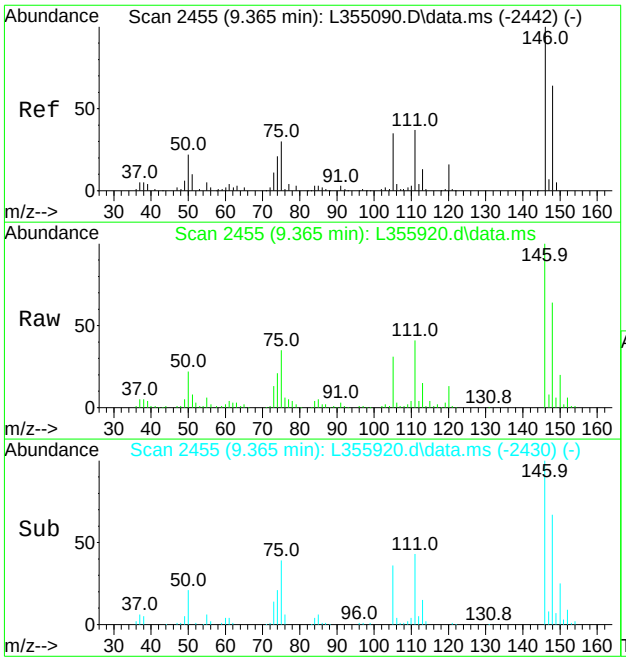


#109
p-isopropyltoluene
Concen: 43.3708 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:119 Resp: 429793

Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	56.2
91	24.0	0.0	55.0

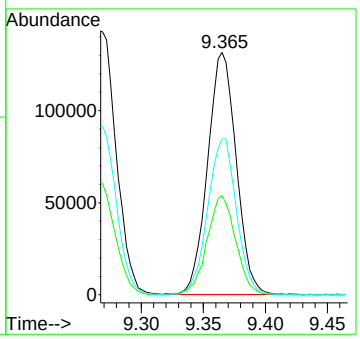


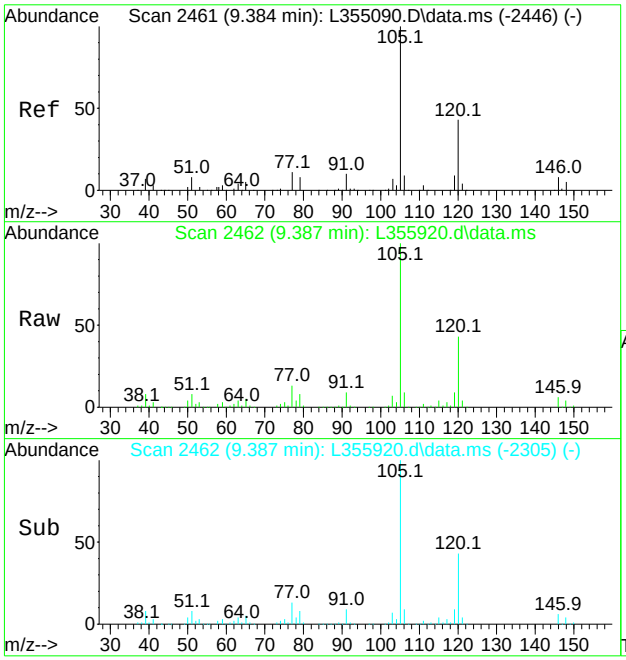


#110
1,4-dichlorobenzene
Concen: 45.1306 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:146 Resp: 210772

Ion	Ratio	Lower	Upper
146	100		
111	41.0	7.6	67.6
148	64.4	33.7	93.7

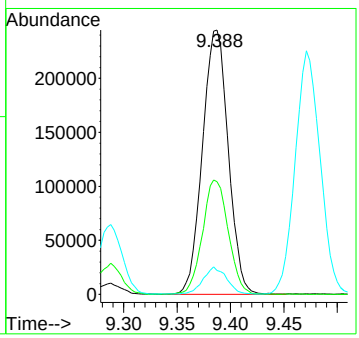


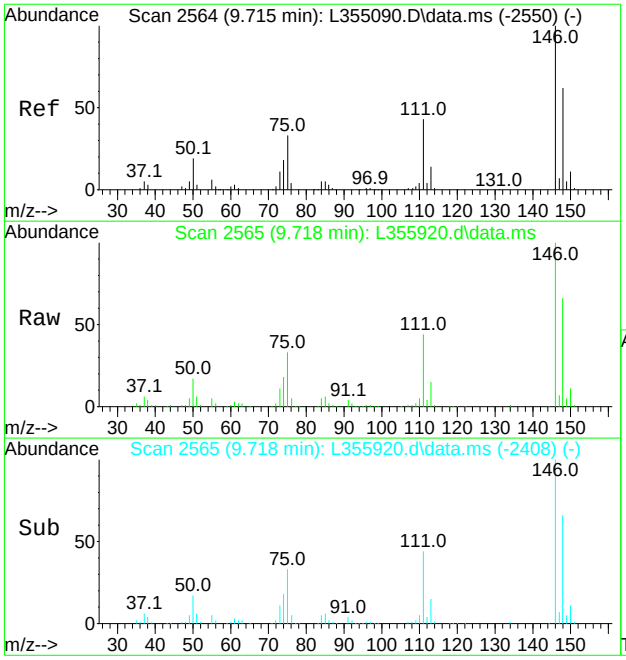


#111
1,2,3-trimethylbenzene
Concen: 42.9554 ug/L
RT: 9.387 min Scan# 2462
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:105 Resp: 411524

Ion	Ratio	Lower	Upper
105	100		
120	42.6	13.0	73.0
91	8.8	0.0	39.8

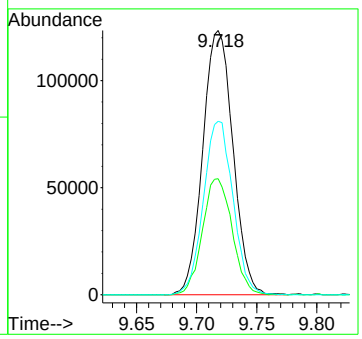


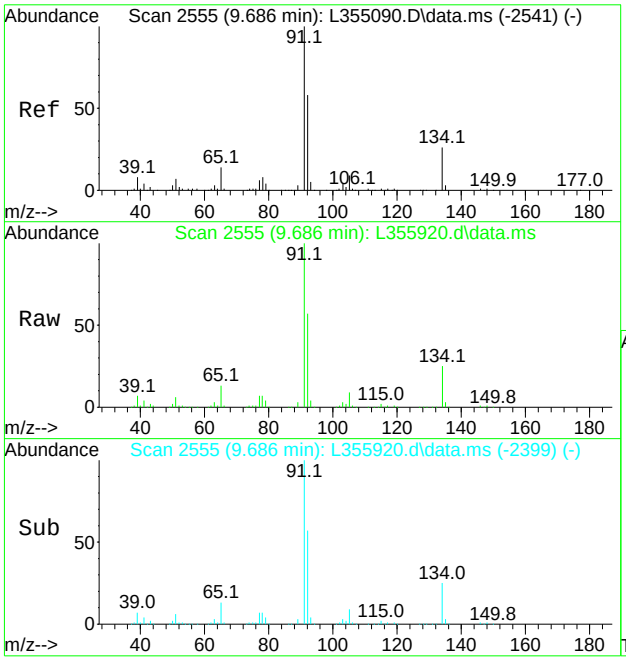


#112
1,2-dichlorobenzene
Concen: 45.3213 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:146 Resp: 215382

Ion	Ratio	Lower	Upper
146	100		
111	43.9	13.0	73.0
148	65.6	32.1	92.1

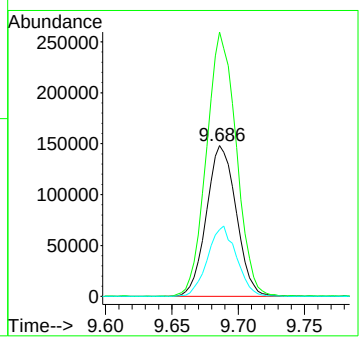


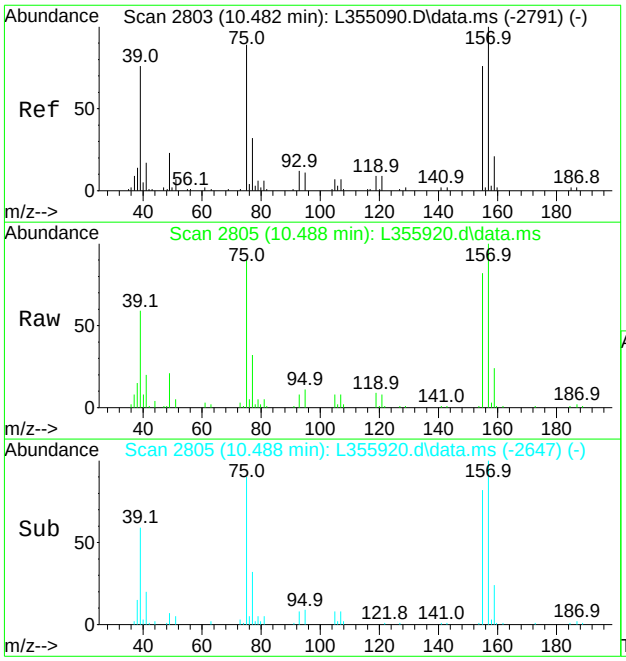


#113
n-butylbenzene
Concen: 46.6915 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 92 Resp: 231156

Ion	Ratio	Lower	Upper
92	100		
91	175.1	141.2	201.2
134	44.3	14.9	74.9

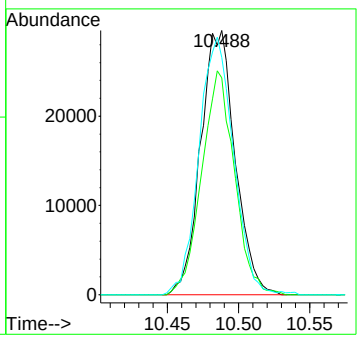


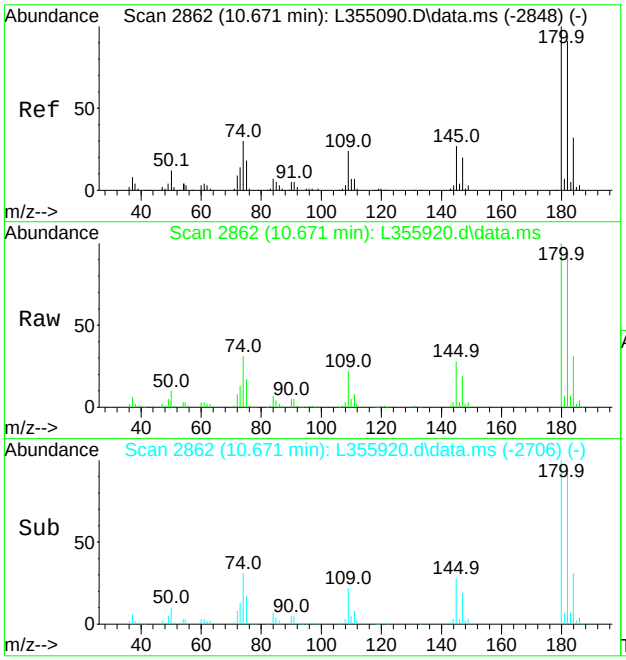


#114
1,2-dibromo-3-chloropropane
Concen: 53.8366 ug/L
RT: 10.488 min Scan# 2805
Delta R.T. 0.006 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:157 Resp: 49853

Ion	Ratio	Lower	Upper
157	100		
155	82.1	46.0	106.0
75	89.8	58.9	118.9

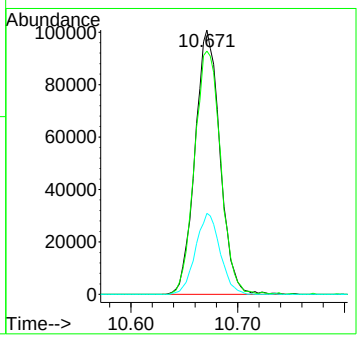


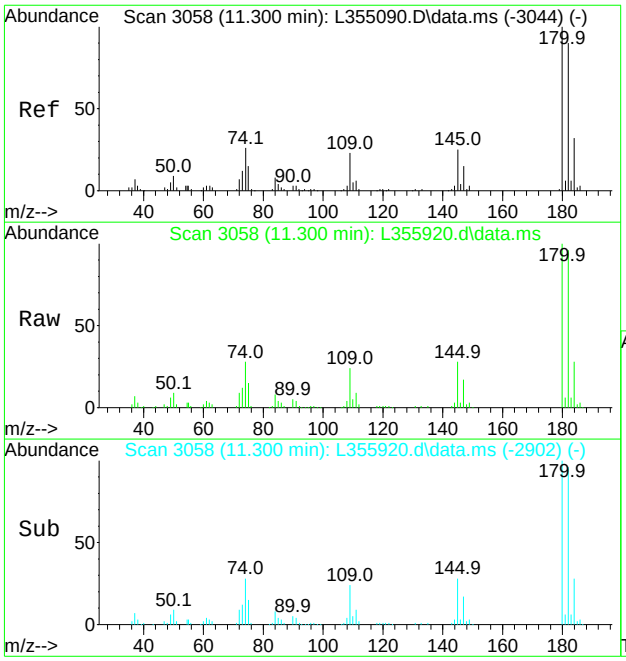


#115
1,3,5-trichlorobenzene
Concen: 51.2565 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:180 Resp: 163126

Ion	Ratio	Lower	Upper
180	100		
182	92.0	61.0	121.0
184	30.7	1.5	61.5

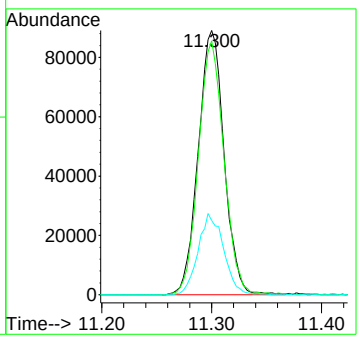


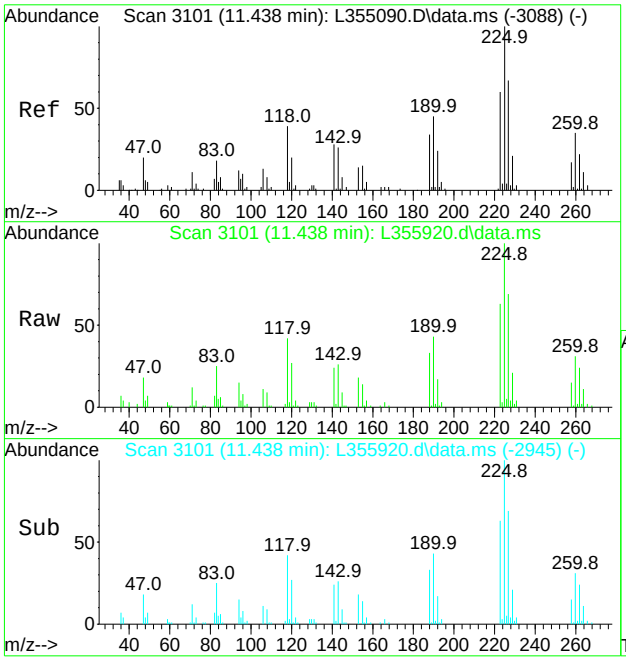


#116
1,2,4-trichlorobenzene
Concen: 56.2820 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:180 Resp: 145780

Ion	Ratio	Lower	Upper
180	100		
182	96.0	59.8	119.8
184	28.1	1.8	61.8

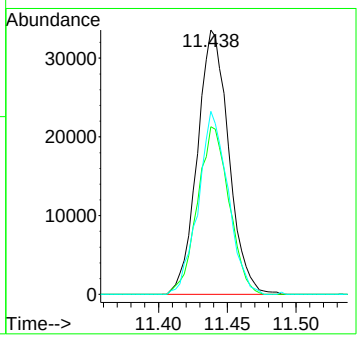


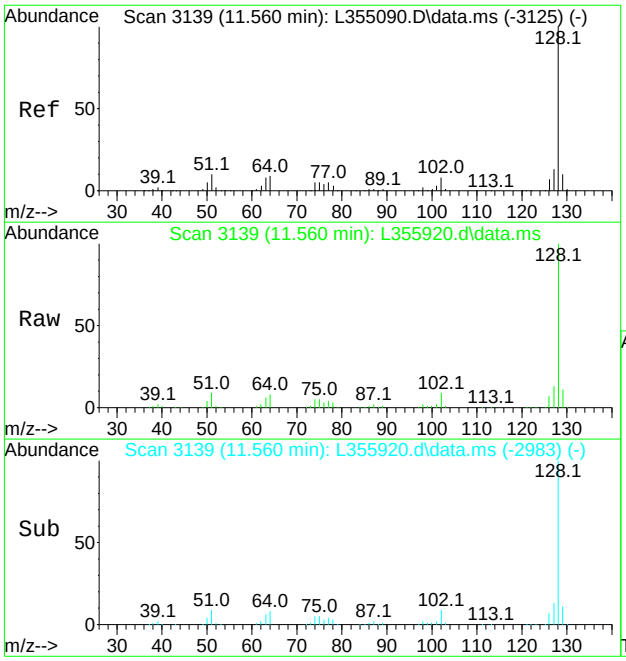


#117
hexachlorobutadiene
Concen: 44.4583 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. 0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:225 Resp: 53351

Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.5	90.5
227	69.2	37.2	97.2

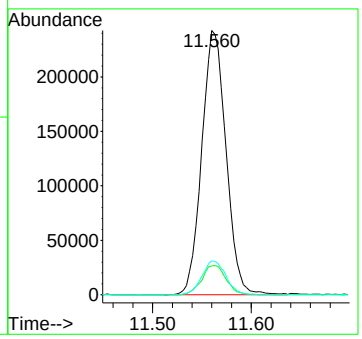


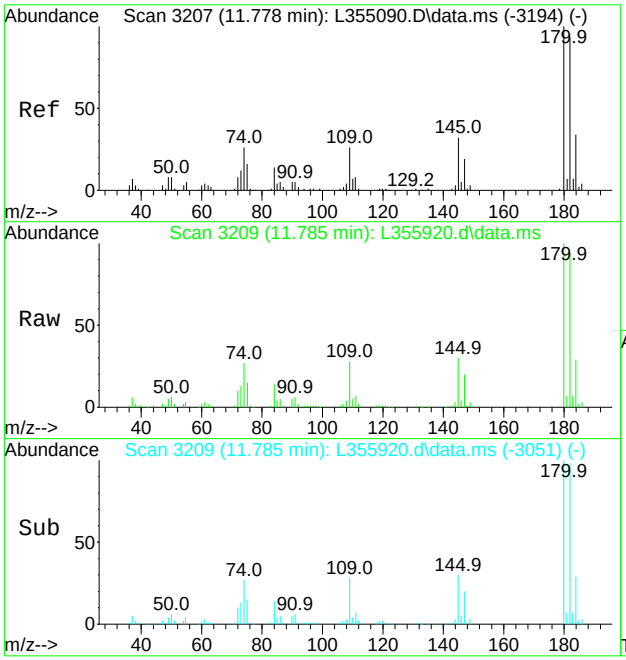


#118
naphthalene
Concen: 58.4478 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:128 Resp: 414532

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.2
127	12.8	0.0	43.0

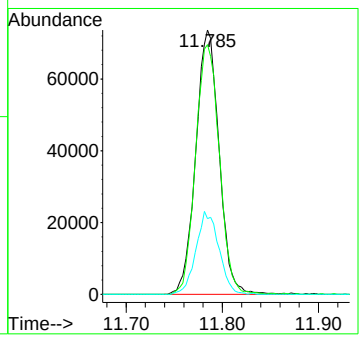


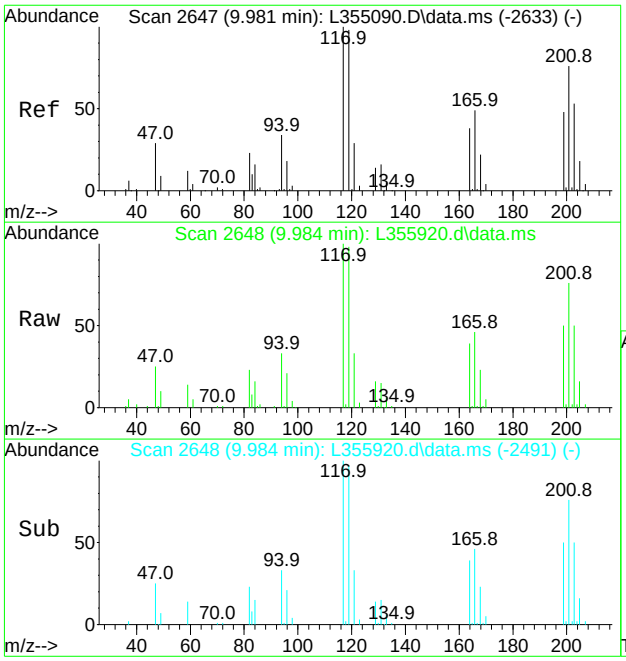


#119
1,2,3-trichlorobenzene
Concen: 56.1552 ug/L
RT: 11.785 min Scan# 3209
Delta R.T. 0.007 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:180 Resp: 124488

Ion	Ratio	Lower	Upper
180	100		
182	94.5	63.1	123.1
184	28.7	3.8	63.8

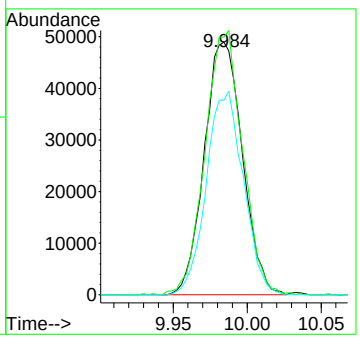


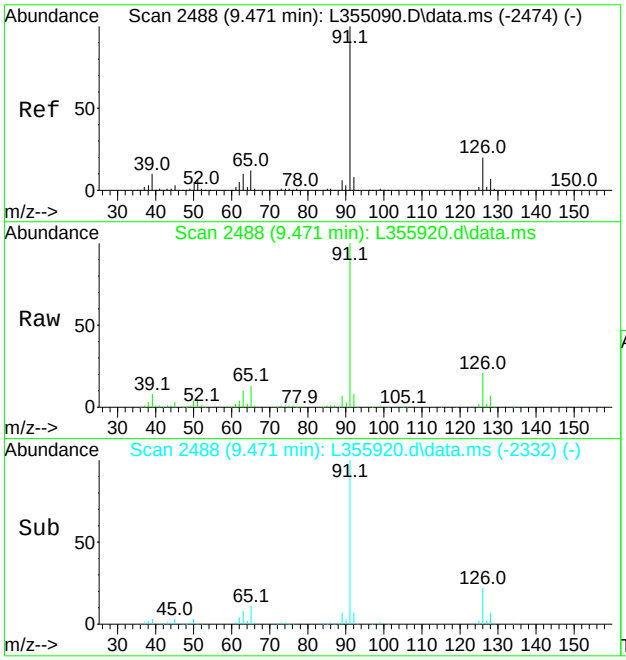


#120
hexachloroethane
Concen: 45.9696 ug/L
RT: 9.984 min Scan# 2648
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:119 Resp: 87681

Ion	Ratio	Lower	Upper
119	100		
117	101.9	71.9	131.9
201	77.0	47.2	107.2

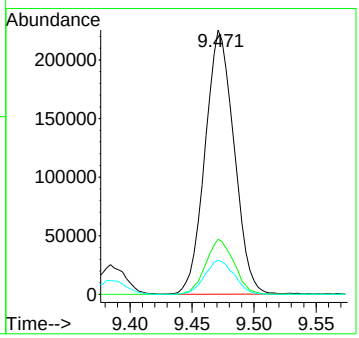


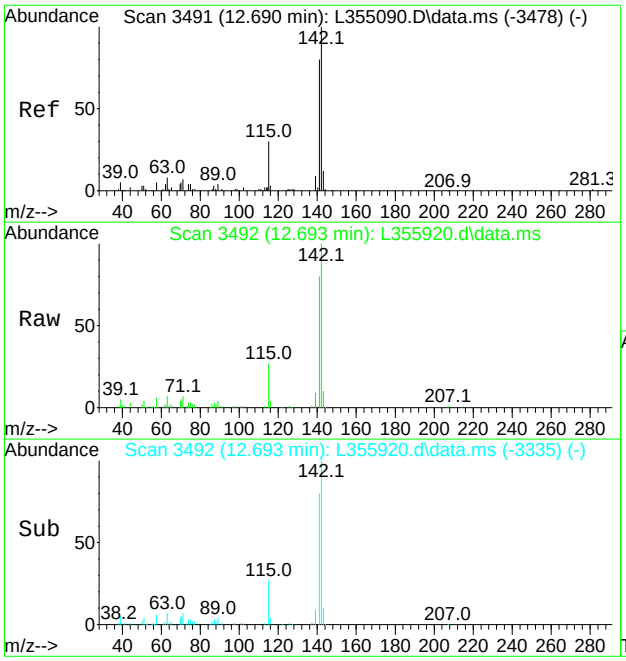


#121
benzyl chloride
Concen: 49.4851 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion: 91 Resp: 365706

Ion	Ratio	Lower	Upper
91	100		
126	21.0	0.0	50.3
65	12.8	0.0	42.2

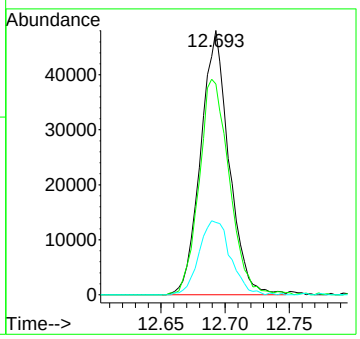




#122
2-methylnaphthalene
Concen: 24.9616 ug/L
RT: 12.693 min Scan# 3492
Delta R.T. 0.003 min
Lab File: L355920.d
Acq: 22 May 2023 9:40 am

Tgt Ion:142 Resp: 74015

Ion	Ratio	Lower	Upper
142	100		
141	79.7	59.9	99.9
115	27.4	10.4	50.4



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03692.d
Acq On : 23 May 2023 10:40 am
Operator : edwardd
Sample : bs Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 04:58:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.503	65	687046	500.00	ug/L		0.02
5) pentafluorobenzene	5.030	168	861116	50.00	ug/L		0.01
52) 1,4-difluorobenzene	5.657	114	1284985	50.00	ug/L		0.01
73) chlorobenzene-d5	7.816	117	1232477	50.00	ug/L		0.01
97) 1,4-dichlorobenzene-d4	9.264	152	565374	50.00	ug/L		0.01
125) pentafluorobenzene(a)	5.030	168	861116	50.00	ug/L		0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	565374	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.024	113	396817	53.44	ug/L		0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.88%				
53) 1,2-dichloroethane-d4 (s)	5.304	65	403947	43.31	ug/L		0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 86.62%				
74) toluene-d8 (s)	6.800	98	1635970	50.42	ug/L		0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.84%				
98) 4-bromofluorobenzene (s)	8.565	174	484916	50.88	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.76%				
Target Compounds							Qvalue
2) ethanol	2.706	45	390024	2406.0102	ug/L		99
3) tertiary butyl alcohol	3.576	59	351611	172.6236	ug/L		97
4) 1,4-dioxane	6.119	88	152066	1239.7980	ug/L		79
6) chlorodifluoromethane	1.666	51	256610	31.9448	ug/L		88
7) dichlorodifluoromethane	1.654	85	289434	45.0059	ug/L		97
8) chloromethane	1.818	50	312212	39.3528	ug/L		99
9) vinyl chloride	1.909	62	362756	55.9500	ug/L		98
10) 1,3-butadiene	1.946	54	285423	50.1380	ug/L	#	84
11) bromomethane	2.195	94	219160	81.7245	ug/L		98
12) chloroethane	2.299	64	194779	52.3516	ug/L		94
13) trichlorofluoromethane	2.542	101	390002	52.4695	ug/L		98
14) ethyl ether	2.810	74	148467	51.0364	ug/L		83
15) acrolein	2.950	56	36020	27.8442	ug/L		95
16) freon 113	3.047	151	187880	48.7567	ug/L		95
17) 1,1-dichloroethene	3.047	96	182636	50.2510	ug/L		86
18) acetone	3.077	58	173609	192.6245	ug/L	#	76
19) acetonitrile	3.339	41	456539	261.1448	ug/L		100
20) iodomethane	3.193	142	189769	30.7542	ug/L		99
21) carbon disulfide	3.260	76	626534	45.4520	ug/L		97
22) methylene chloride	3.503	84	234935	47.5482	ug/L		96
23) methyl acetate	3.363	74	72895	53.2047	ug/L	#	36
24) methyl tert butyl ether	3.734	73	751893	44.7011	ug/L		90
25) trans-1,2-dichloroethene	3.746	96	224122	47.6784	ug/L		86
26) hexane	3.984	56	178680	35.2107	ug/L		87
27) di-isopropyl ether	4.148	45	696056	32.0214	ug/L		88
28) 2-butanone	4.592	72	235868	231.7746	ug/L	#	36
29) 1,1-dichloroethane	4.130	63	417103	41.5997	ug/L		98
30) chloroprene	4.197	53	361074	37.4482	ug/L		85
31) acrylonitrile	3.710	53	108128	27.7266	ug/L		98
32) vinyl acetate	4.124	86	65457	88.6467	ug/L	#	1
33) ethyl tert-butyl ether	4.452	59	771111	41.8873	ug/L		93
34) ethyl acetate	4.623	45	60012	34.5470	ug/L	#	80
35) 2,2-dichloropropane	4.623	77	374625	50.1238	ug/L		82
36) cis-1,2-dichloroethene	4.616	96	274270	51.6784	ug/L		85
37) propionitrile	4.653	54	665656	375.2101	ug/L		93
38) methyl acrylate	4.665	85	63195	56.9438	ug/L	#	41
39) methacrylonitrile	4.781	67	161322	50.9624	ug/L	#	58
40) bromochloromethane	4.817	128	128312	50.7907	ug/L	#	67

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03692.d
Acq On : 23 May 2023 10:40 am
Operator : edwardd
Sample : bs Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 04:58:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.823	42	116175	27.7557	ug/L		69
42) chloroform	4.890	83	453112	44.5967	ug/L		94
43) tert-Butyl Formate	4.915	59	149864	58.8219	ug/L		95
45) 1,1,1-trichloroethane	5.036	97	393040	49.5686	ug/L		95
46) cyclohexane	5.097	84	371062	53.1589	ug/L	#	65
47) isobutyl alcohol	5.213	43	214720	321.1943	ug/L		96
48) 1,1-dichloropropene	5.164	75	329831	48.0930	ug/L		95
49) carbon tetrachloride	5.164	117	345202	50.5735	ug/L		97
50) tert-amyl alcohol	5.310	73	198787	257.9410	ug/L	#	82
51) isopropyl acetate	5.334	87	86441	55.1882	ug/L	#	19
54) n-butyl alcohol	5.742	56	874124	1962.6799	ug/L		82
55) 2,2,4-trimethylpentane	5.413	57	632728	33.9325	ug/L		98
56) benzene	5.328	78	1015441	46.5441	ug/L		92
57) tert-amyl methyl ether	5.419	73	811134	48.9608	ug/L		91
58) heptane	5.547	57	150223	35.9261	ug/L	#	71
59) 1,2-dichloroethane	5.365	62	355706	38.8564	ug/L		90
60) ethyl acrylate	5.894	55	439318	38.8719	ug/L		96
61) trichloroethene	5.851	95	274575	49.5557	ug/L		98
62) 2-chloroethyl vinyl ether	6.466	63	971008	221.5036	ug/L		95
63) methyl methacrylate	6.083	100	97012	53.2867	ug/L	#	50
64) methylcyclohexane	6.046	83	434142	46.3109	ug/L	#	80
65) 1,2-dichloropropane	6.064	63	269192	42.4835	ug/L		98
66) dibromomethane	6.137	93	176245	49.0365	ug/L		98
67) bromodichloromethane	6.265	83	358335	48.0495	ug/L		98
68) 2-nitropropane	6.429	41	112269	36.4112	ug/L		99
69) epichlorohydrin	6.515	57	242015	182.1695	ug/L		95
70) cis-1,3-dichloropropene	6.600	75	452778	47.6202	ug/L		83
71) 4-methyl-2-pentanone	6.691	58	686453	171.3928	ug/L	#	69
72) isoamyl alcohol	6.727	70	357711	1043.9131	ug/L	#	62
75) toluene	6.849	92	687478	47.3793	ug/L		95
76) ethyl methacrylate	7.026	69	388981	47.6065	ug/L	#	78
77) trans-1,3-dichloropropene	7.007	75	431327	46.6151	ug/L		81
78) 1,1,2-trichloroethane	7.153	83	223995	46.7650	ug/L		93
79) tetrachloroethene	7.220	164	241150	48.4840	ug/L		96
80) 2-hexanone	7.287	58	737741	160.7836	ug/L	#	75
81) 1,3-dichloropropane	7.269	76	432212	46.1416	ug/L	#	75
82) butyl acetate	7.354	56	235044	36.7459	ug/L	#	75
83) dibromochloromethane	7.421	129	309924	52.3485	ug/L		98
84) 1,2-dibromoethane	7.512	107	304741	52.3836	ug/L		96
85) n-butyl ether	7.865	57	1024940	35.8757	ug/L		93
86) chlorobenzene	7.835	112	791765	49.2006	ug/L		95
87) 1,1,1,2-tetrachloroethane	7.889	131	281210	51.1683	ug/L		98
88) ethylbenzene	7.889	91	1334106	48.0227	ug/L		94
89) m,p-xylene	7.975	106	1032696	98.8519	ug/L		91
90) o-xylene	8.224	91	1043959	47.7522	ug/L		95
91) styrene	8.236	104	873693	52.0098	ug/L		92
92) butyl acrylate	8.163	55	580822	38.5863	ug/L		93
93) n-amyl acetate	8.297	70	242609	46.5063	ug/L	#	54
94) isopropylbenzene	8.449	105	1268570	48.8727	ug/L		97
95) bromoform	8.364	173	232226	53.4823	ug/L		98
96) cis-1,4-dichloro-2-butene	8.486	88	175875	47.9110	ug/L	#	84
99) 1,1,2,2-tetrachloroethane	8.638	83	398141	49.3114	ug/L		98
100) trans-1,4-dichloro-2-b...	8.656	53	117966	34.9733	ug/L		81
101) 1,2,3-trichloropropane	8.680	110	126571	50.4995	ug/L	#	82
102) bromobenzene	8.662	156	330291	50.7279	ug/L		93
103) n-propylbenzene	8.705	91	1481063	47.6829	ug/L		95
104) 2-chlorotoluene	8.772	126	306209	51.9997	ug/L		92
105) 4-chlorotoluene	8.845	91	886805	48.3766	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03692.d
Acq On : 23 May 2023 10:40 am
Operator : edwardd
Sample : bs Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 04:58:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

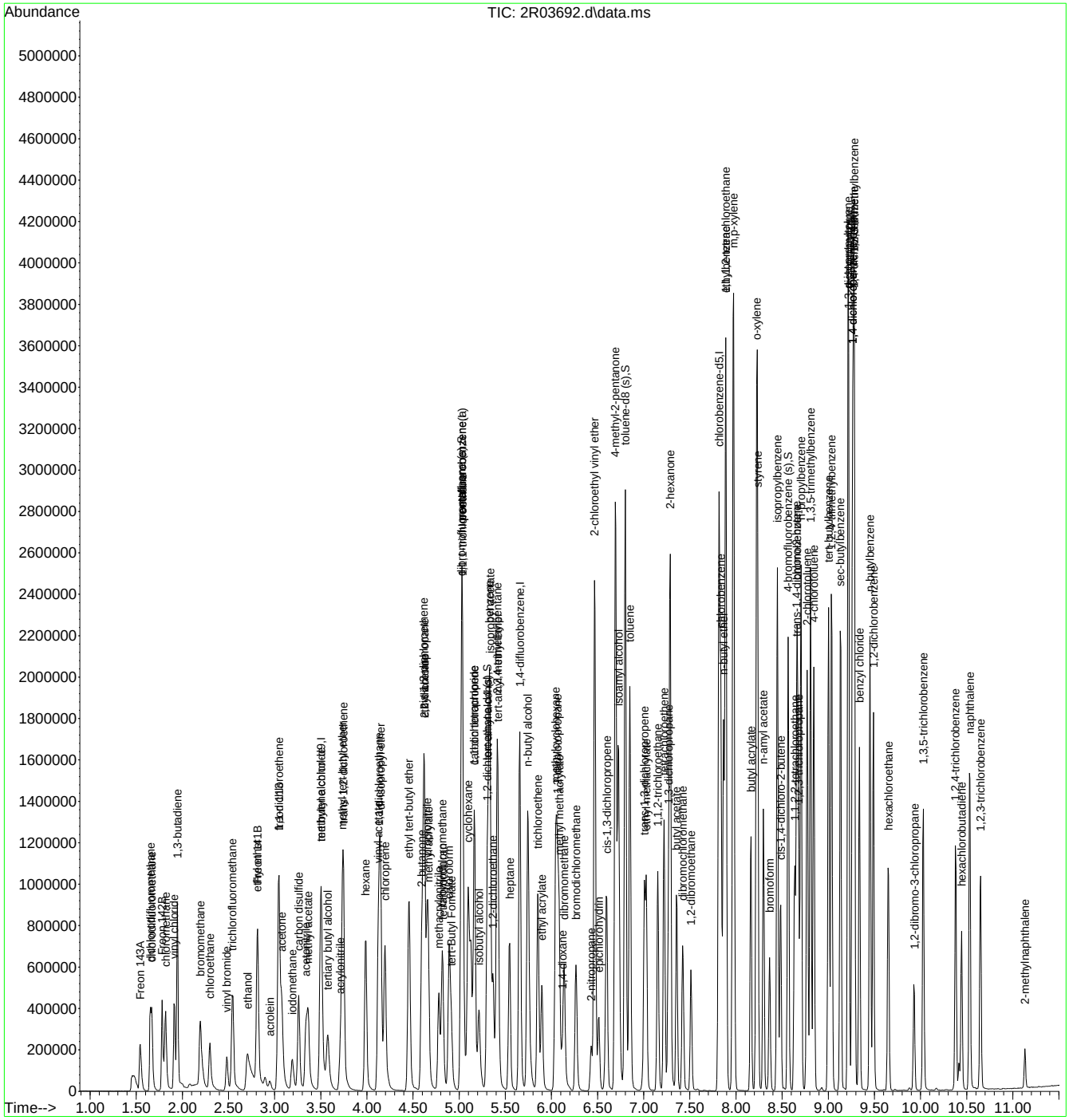
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) 1,3,5-trimethylbenzene	8.808	105	1066795	51.2949	ug/L		99
107) tert-butylbenzene	9.003	119	850276	47.4808	ug/L		99
108) 1,2,4-trimethylbenzene	9.033	105	1045637	48.9245	ug/L		98
109) sec-butylbenzene	9.130	105	1214351	46.6245	ug/L		98
110) p-isopropyltoluene	9.216	119	1051103	49.1273	ug/L		99
111) 1,2,3-trimethylbenzene	9.283	105	1018610	47.5761	ug/L		98
112) 1,3-dichlorobenzene	9.222	146	600656	49.6265	ug/L		98
113) 1,4-dichlorobenzene	9.276	146	592310	49.7440	ug/L		97
114) 1,2-dichlorobenzene	9.489	146	580616	50.9524	ug/L		100
115) benzyl chloride	9.337	91	880517	55.9514	ug/L		99
116) n-butylbenzene	9.453	92	464125	45.8953	ug/L		99
117) hexachloroethane	9.654	201	130302	48.8394	ug/L		96
118) 1,2-dibromo-3-chloropr...	9.933	157	117892	57.4448	ug/L		87
119) 1,3,5-trichlorobenzene	10.031	180	334782	45.2697	ug/L		98
120) 1,2,4-trichlorobenzene	10.378	180	290132	51.5318	ug/L		99
121) hexachlorobutadiene	10.445	225	100486	39.6839	ug/L		99
122) naphthalene	10.536	128	976524	67.0693	ug/L		92
123) 1,2,3-trichlorobenzene	10.651	180	252680	62.5850	ug/L		98
124) 2-methylnaphthalene	11.132	142	70197	67.5292	ug/L		99
126) Freon 143A	1.544	69	222672	53.7668	ug/L		100
128) Freon 142B	1.782	65	305577	50.3375	ug/L		80
129) vinyl bromide	2.481	106	110317	50.0864	ug/L		99
130) Freon 141B	2.816	81	335305	48.7517	ug/L	#	57

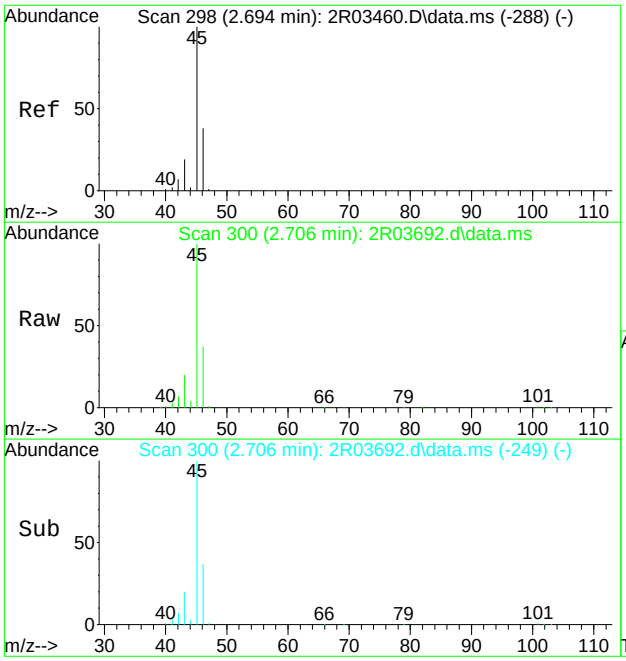
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03692.d
Acq On : 23 May 2023 10:40 am
Operator : edwardd
Sample : bs Inst : GCMSR
Misc : MS46075,V2R0125,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 04:58:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

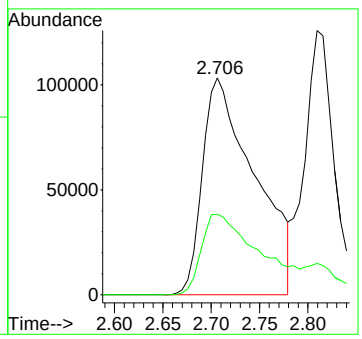


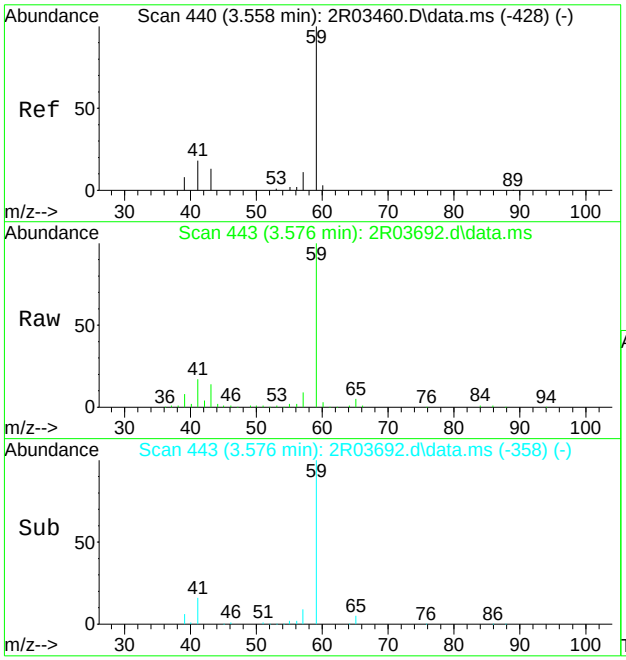


#2
ethanol
Concen: 2406.0102 ug/L
RT: 2.706 min Scan# 300
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 45 Resp: 390024

Ion	Ratio	Lower	Upper
45	100		
46	37.0	17.9	57.9

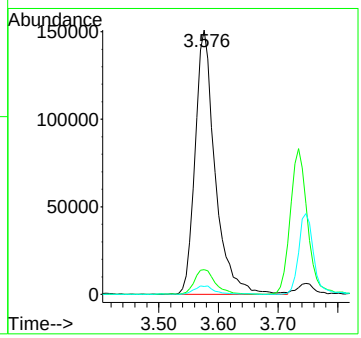


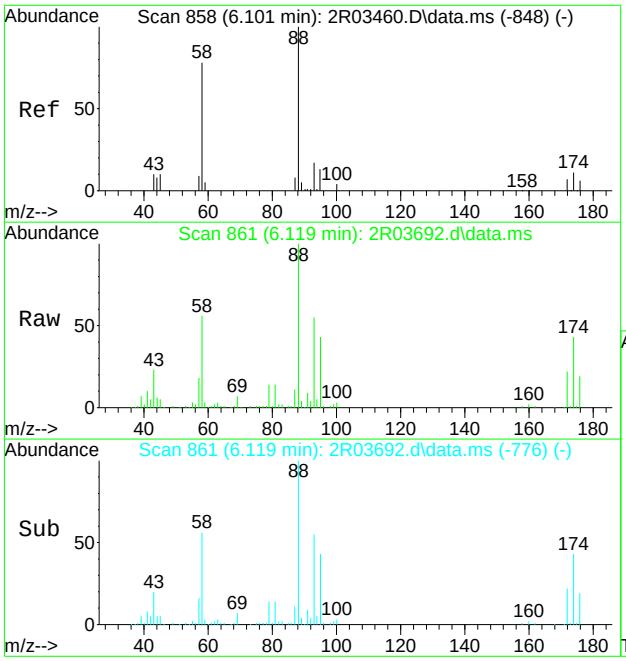


#3
tertiary butyl alcohol
Concen: 172.6236 ug/L
RT: 3.576 min Scan# 443
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 59 Resp: 351611

Ion	Ratio	Lower	Upper
59	100		
57	9.2	0.0	40.5
60	2.9	0.0	33.7

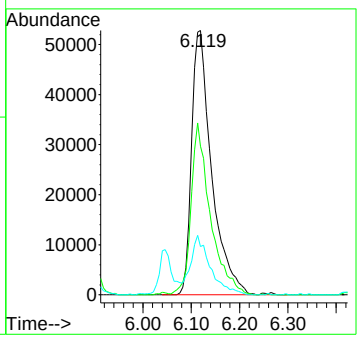


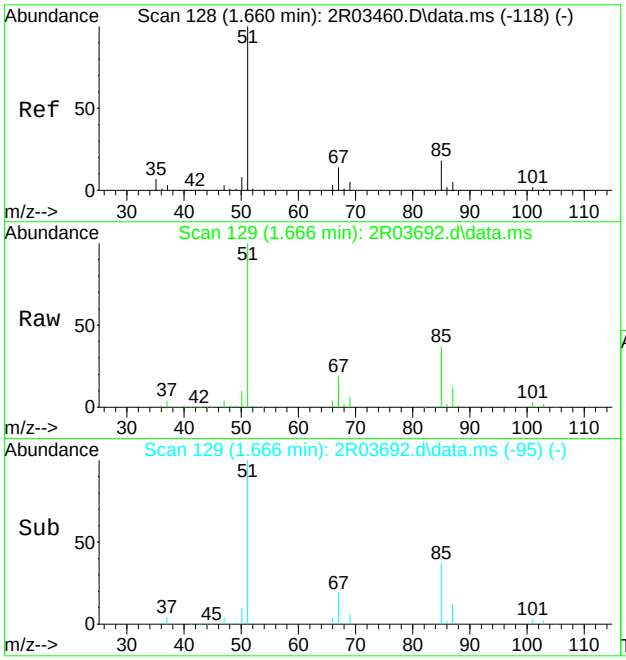


#4
1,4-dioxane
Concen: 1239.7980 ug/L
RT: 6.119 min Scan# 861
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 88 Resp: 152066

Ion	Ratio	Lower	Upper
88	100		
58	56.2	46.3	106.3
57	17.8	0.0	54.6

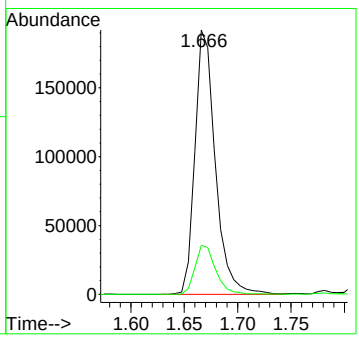


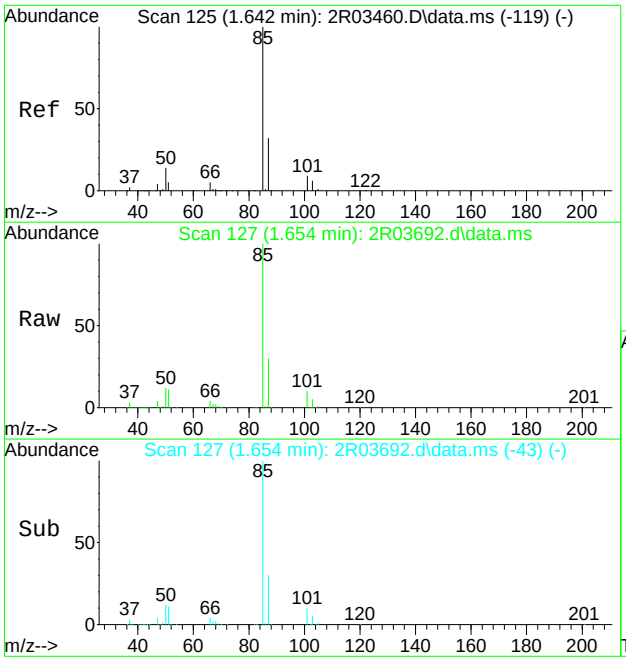


#6
chlorodifluoromethane
Concen: 31.9448 ug/L
RT: 1.666 min Scan# 129
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 51 Resp: 256610

Ion	Ratio	Lower	Upper
51	100		
67	18.6	0.0	43.9

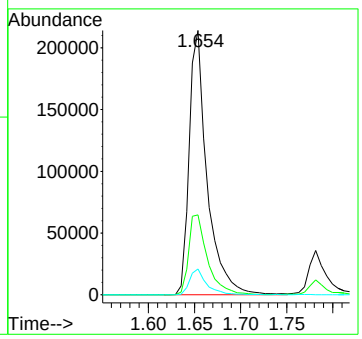


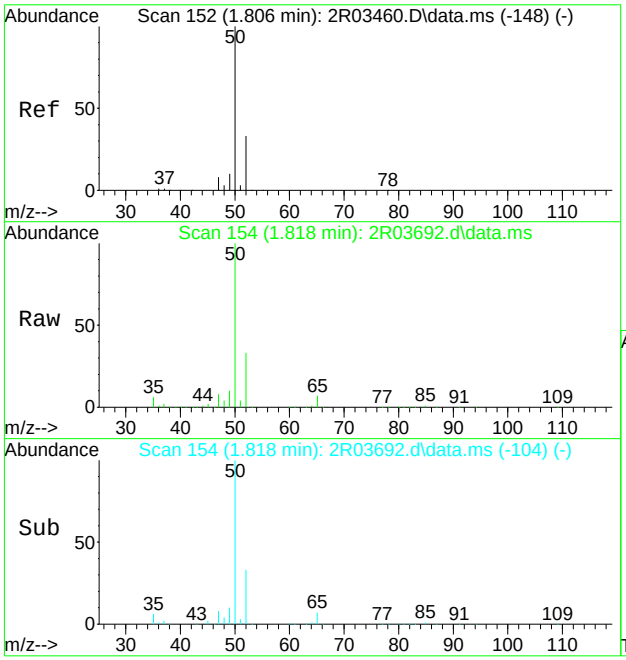


#7
dichlorodifluoromethane
Concen: 45.0059 ug/L
RT: 1.654 min Scan# 127
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 85 Resp: 289434

Ion	Ratio	Lower	Upper
85	100		
87	30.3	2.2	62.2
101	9.8	0.0	38.8

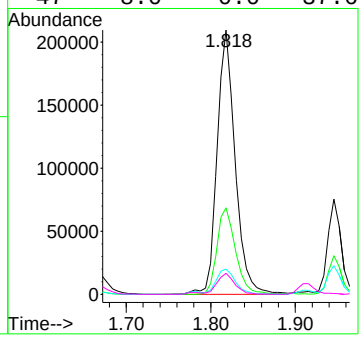


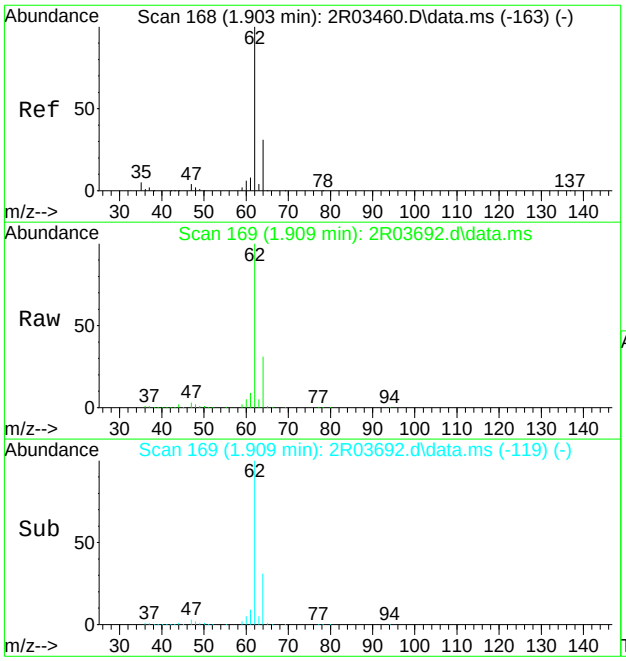


#8
chloromethane
Concen: 39.3528 ug/L
RT: 1.818 min Scan# 154
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 50 Resp: 312212

Ion	Ratio	Lower	Upper
50	100		
52	32.8	2.3	62.3
49	9.6	0.0	40.0
47	8.0	0.0	37.6

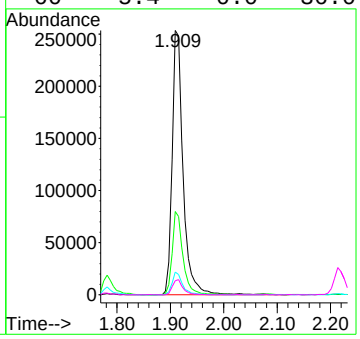


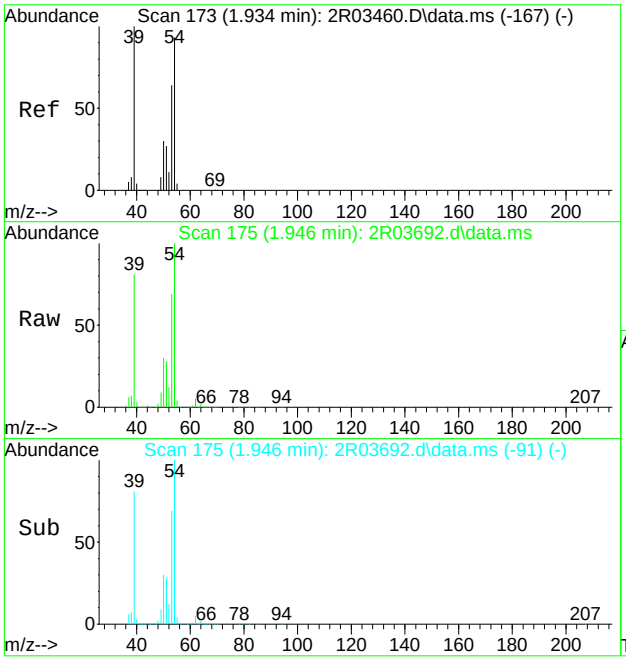


#9
vinyl chloride
Concen: 55.9500 ug/L
RT: 1.909 min Scan# 169
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 62 Resp: 362756

Ion	Ratio	Lower	Upper
62	100		
64	31.4	0.0	60.0
61	8.6	0.0	38.3
60	5.4	0.0	36.0

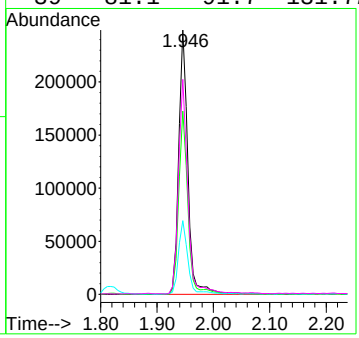


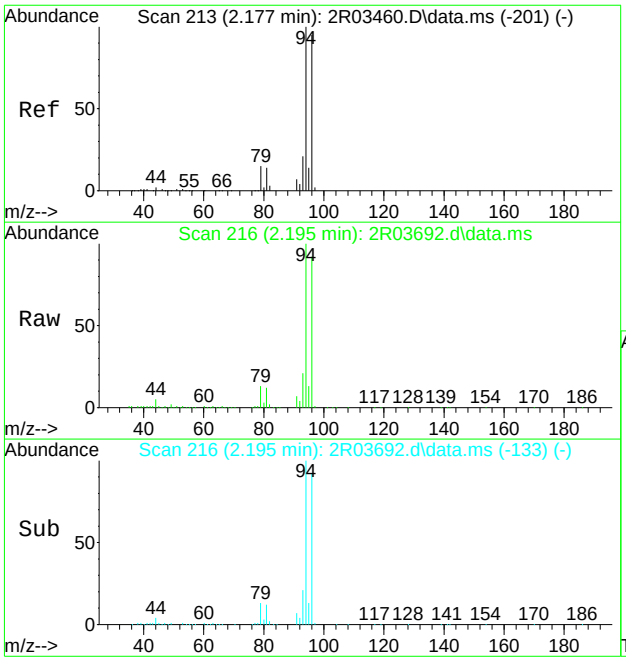


#10
1,3-butadiene
Concen: 50.1380 ug/L
RT: 1.946 min Scan# 175
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 54 Resp: 285423

Ion	Ratio	Lower	Upper
54	100		
53	69.4	49.3	89.3
51	27.8	10.0	50.0
39	81.1	91.7	131.7#

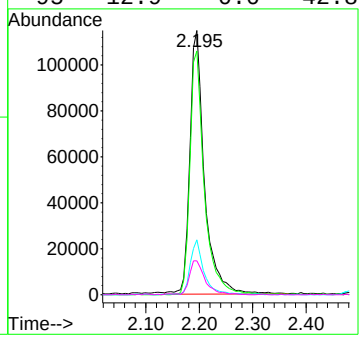


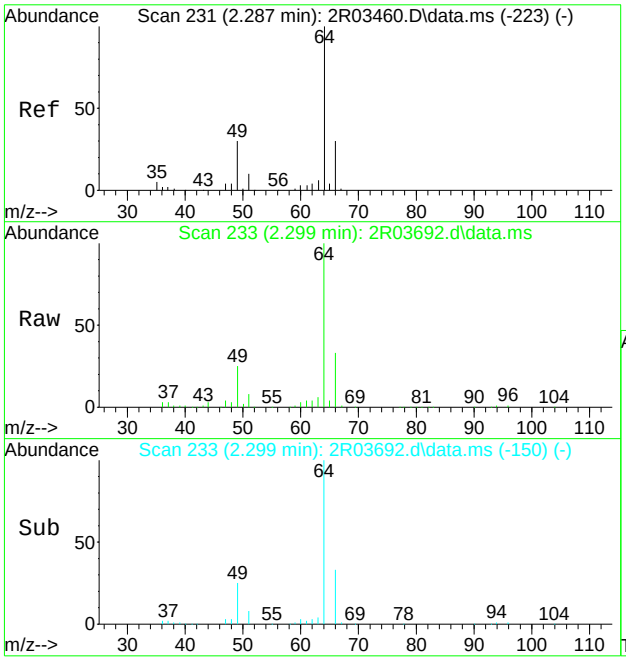


#11
bromomethane
Concen: 81.7245 ug/L
RT: 2.195 min Scan# 216
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 94 Resp: 219160

Ion	Ratio	Lower	Upper
94	100		
96	92.3	64.1	124.1
93	20.7	0.0	50.0
95	12.9	0.0	42.8

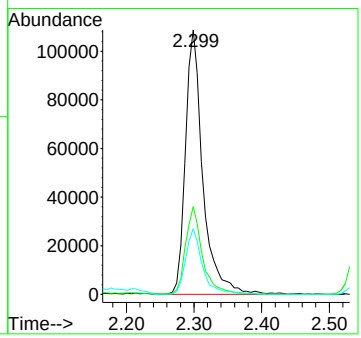


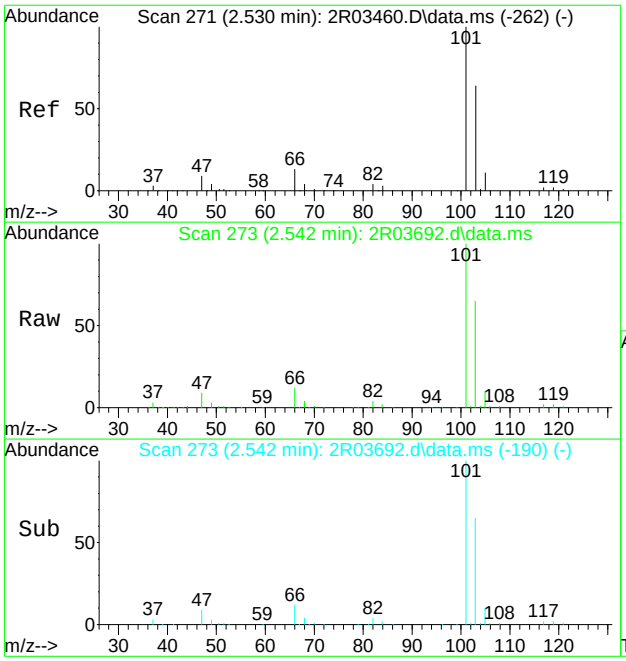


#12
chloroethane
Concen: 52.3516 ug/L
RT: 2.299 min Scan# 233
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 64 Resp: 194779

Ion	Ratio	Lower	Upper
64	100		
66	33.2	1.8	61.8
49	24.8	0.6	60.6

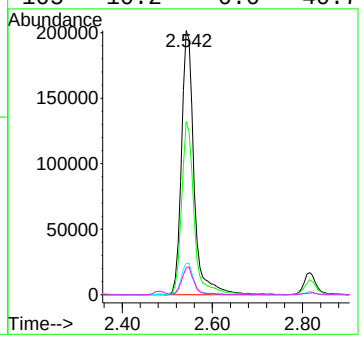


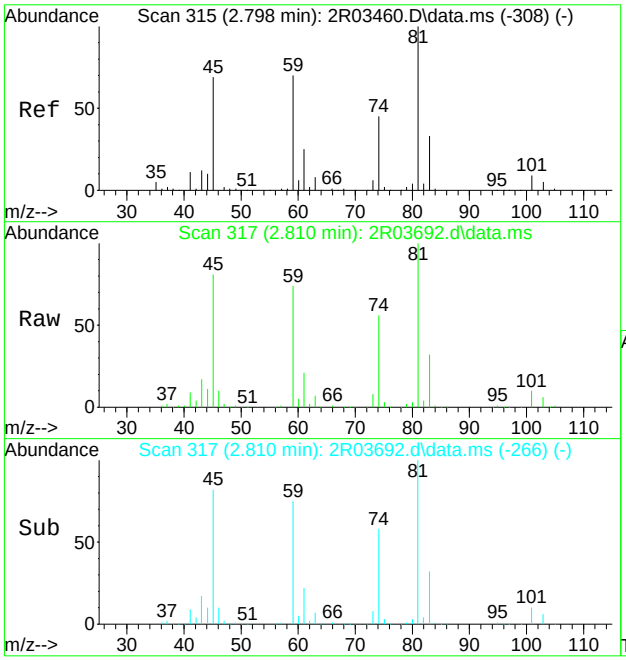


#13
trichlorofluoromethane
Concen: 52.4695 ug/L
RT: 2.542 min Scan# 273
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:101 Resp: 390002

Ion	Ratio	Lower	Upper
101	100		
103	65.5	33.7	93.7
66	12.0	0.0	42.7
105	10.2	0.0	40.7

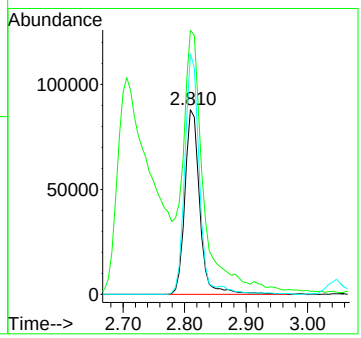


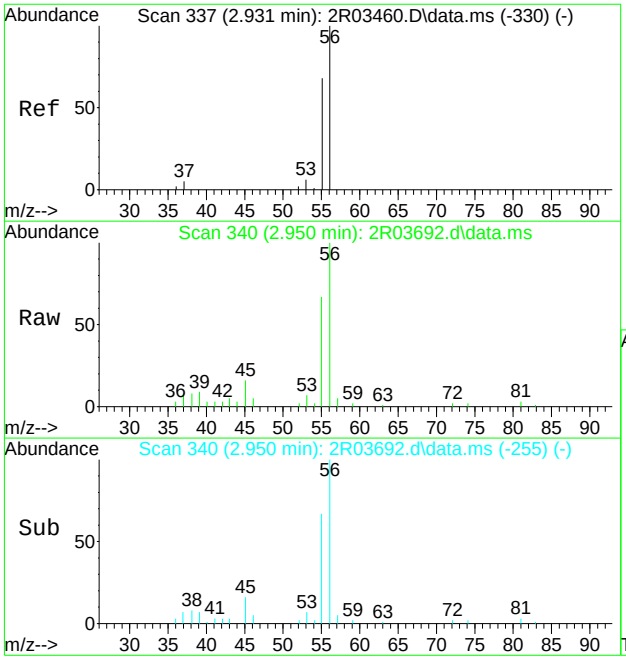


#14
ethyl ether
Concen: 51.0364 ug/L
RT: 2.810 min Scan# 317
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 74 Resp: 148467

Ion	Ratio	Lower	Upper
74	100		
45	140.5	130.1	190.1
59	130.2	124.4	184.4

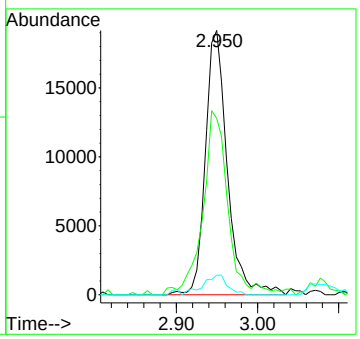


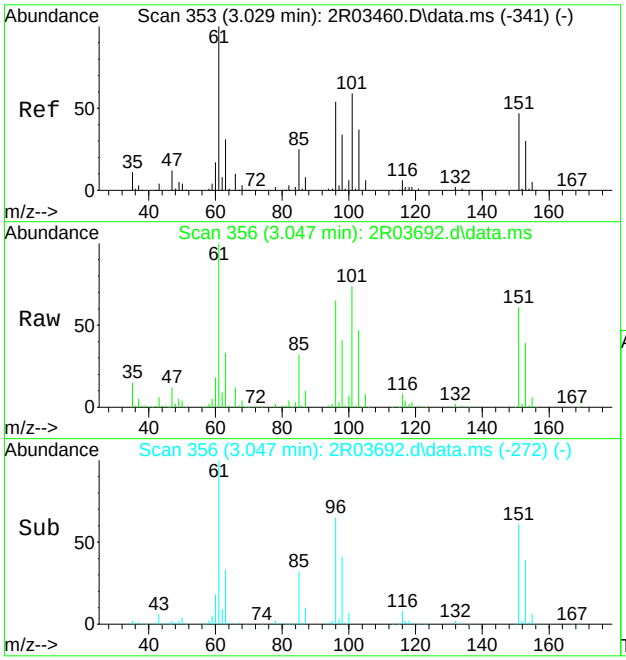


#15
acrolein
Concen: 27.8442 ug/L
RT: 2.950 min Scan# 340
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 56 Resp: 36020

Ion	Ratio	Lower	Upper
56	100		
55	66.7	32.7	92.7
53	7.4	0.0	36.3

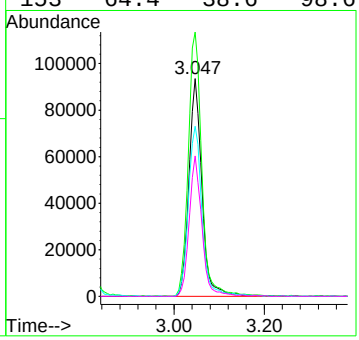


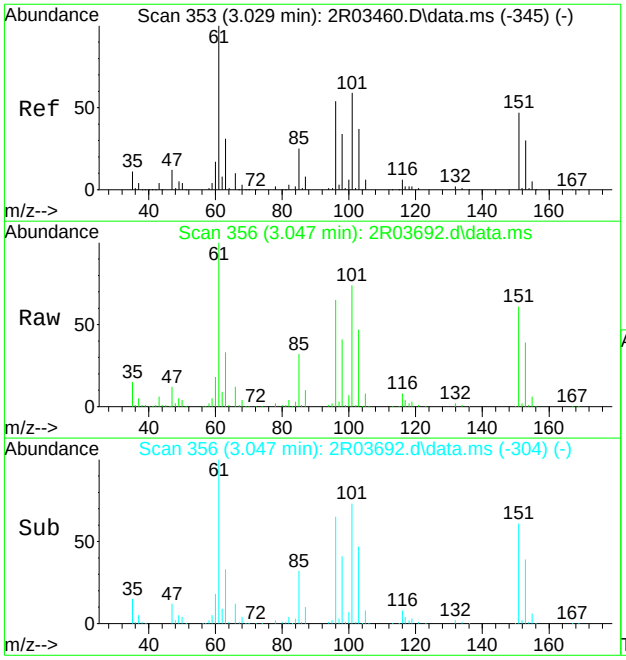


#16
freon 113
Concen: 48.7567 ug/L
RT: 3.047 min Scan# 356
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:151 Resp: 187880

Ion	Ratio	Lower	Upper
151	100		
101	121.4	97.7	157.7
103	78.0	51.1	111.1
153	64.4	38.6	98.6

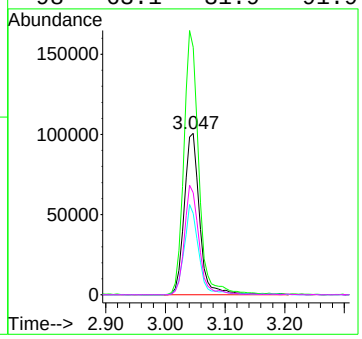


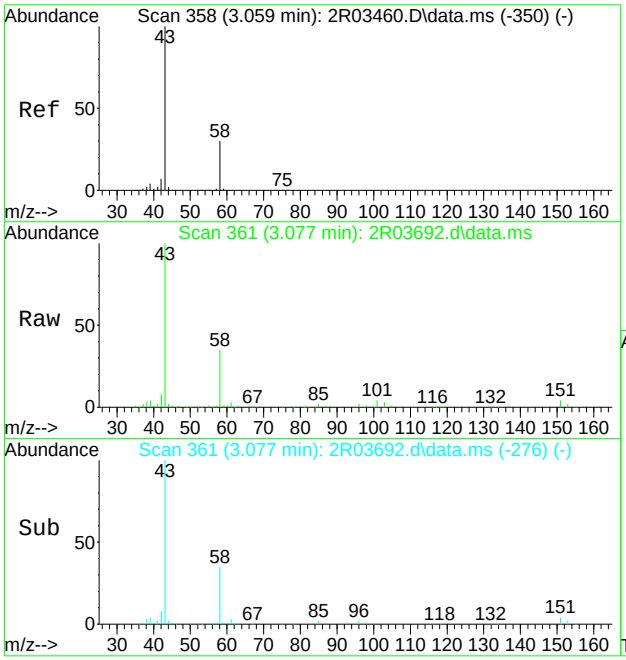


#17
1,1-dichloroethene
Concen: 50.2510 ug/L
RT: 3.047 min Scan# 356
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 96 Resp: 182636

Ion	Ratio	Lower	Upper
96	100		
61	153.2	152.3	212.3
63	50.1	26.5	86.5
98	63.1	31.9	91.9

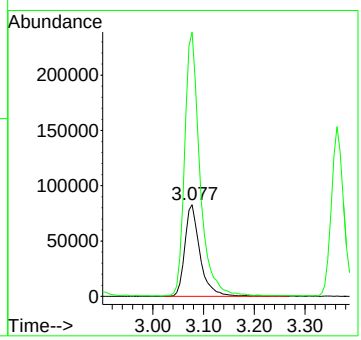


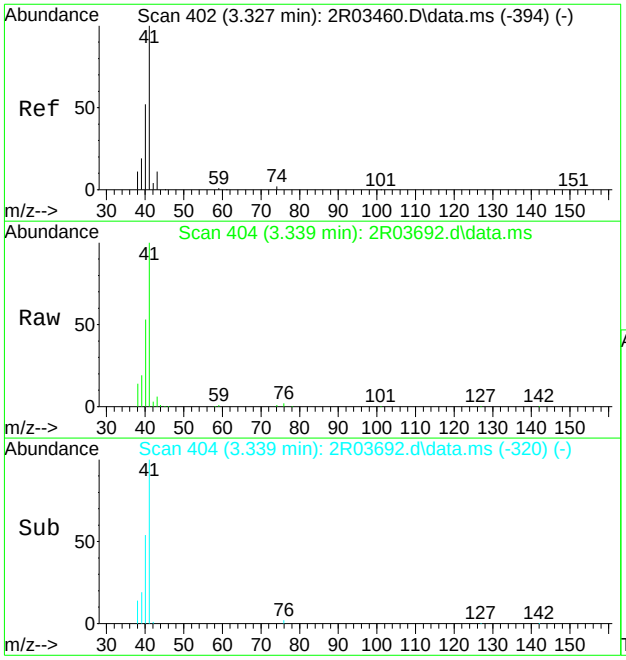


#18
acetone
Concen: 192.6245 ug/L
RT: 3.077 min Scan# 361
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 58 Resp: 173609

Ion	Ratio	Lower	Upper
58	100		
43	287.7	308.6	368.6#

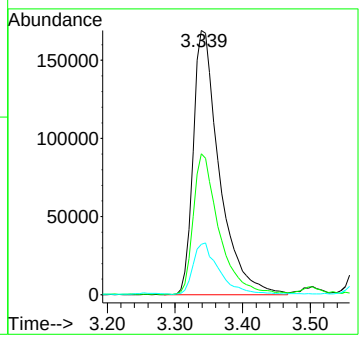


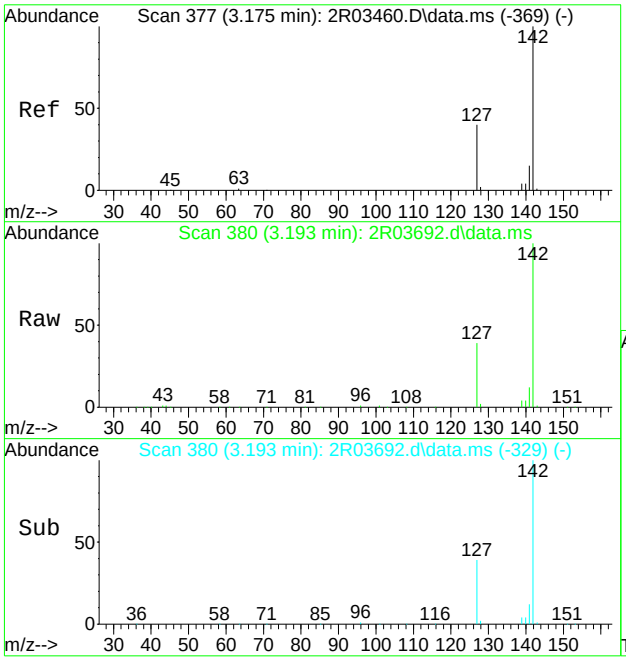


#19
acetonitrile
Concen: 261.1448 ug/L
RT: 3.339 min Scan# 404
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 41 Resp: 456539

Ion	Ratio	Lower	Upper
41	100		
40	53.1	22.9	82.9
39	18.8	0.0	48.7

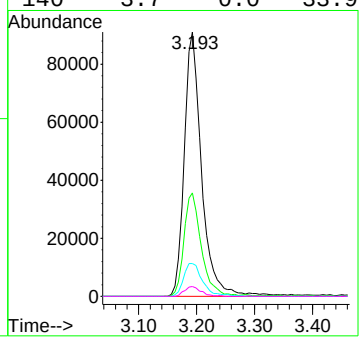


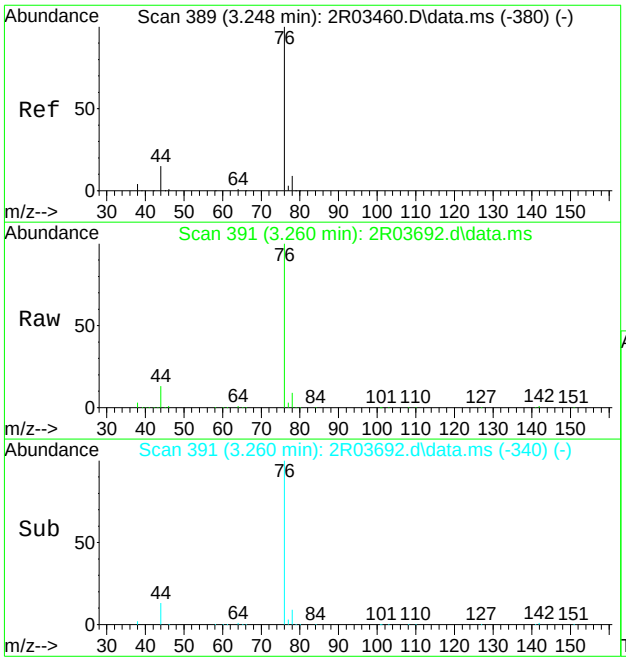


#20
iodomethane
Concen: 30.7542 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:142 Resp: 189769

Ion	Ratio	Lower	Upper
142	100		
127	39.1	8.8	68.8
141	12.4	0.0	43.6
140	3.7	0.0	33.9

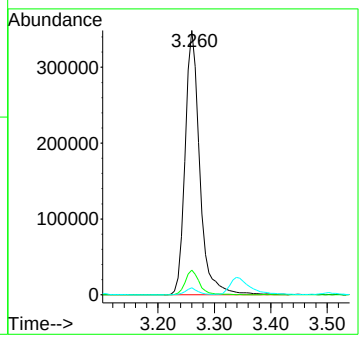


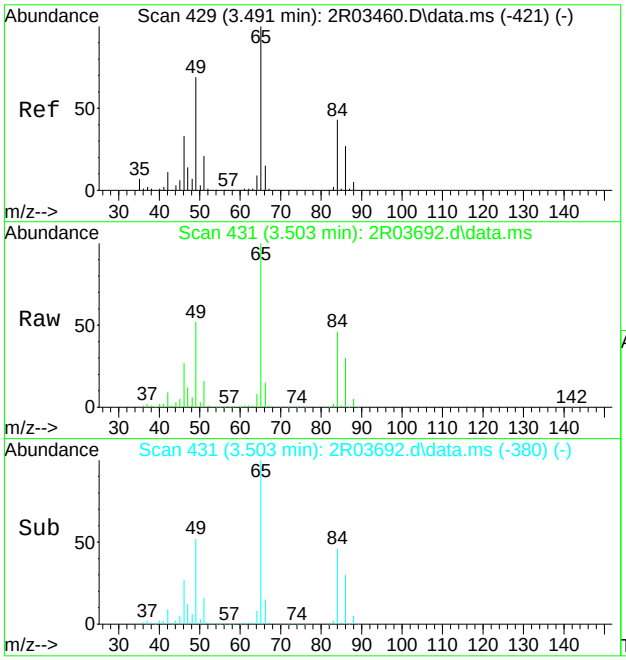


#21
carbon disulfide
Concen: 45.4520 ug/L
RT: 3.260 min Scan# 391
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 76 Resp: 626534

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	38.5
38	2.6	0.0	34.3

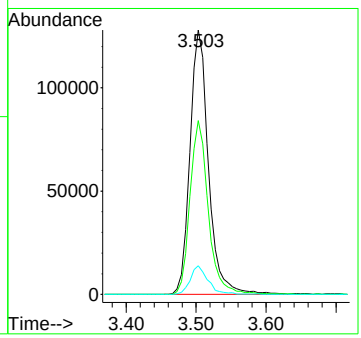


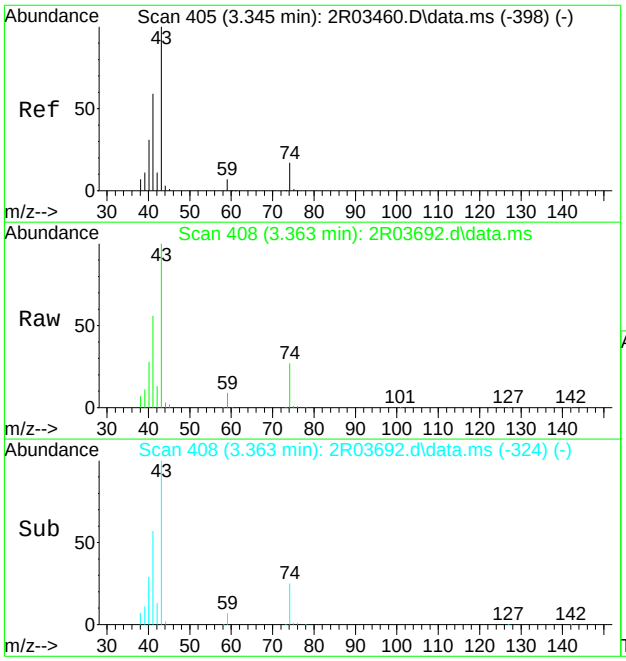


#22
methylene chloride
Concen: 47.5482 ug/L
RT: 3.503 min Scan# 431
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 84 Resp: 234935

Ion	Ratio	Lower	Upper
84	100		
86	65.7	32.5	92.5
88	10.8	0.0	40.0

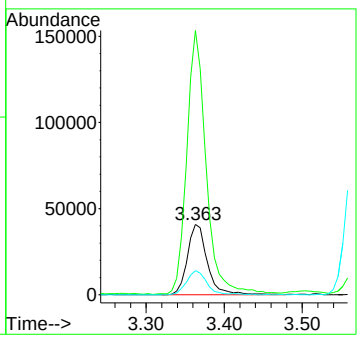


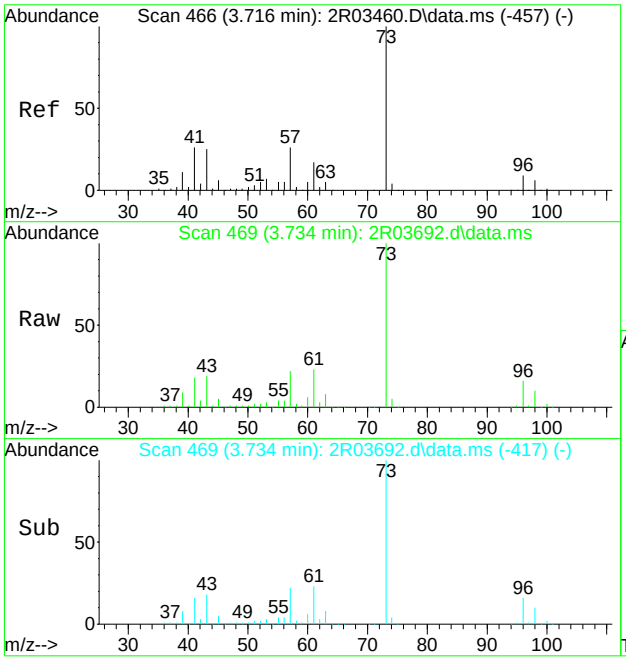


#23
methyl acetate
Concen: 53.2047 ug/L
RT: 3.363 min Scan# 408
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 74 Resp: 72895

Ion	Ratio	Lower	Upper
74	100		
43	373.8	551.2	611.2#
59	34.4	13.4	73.4

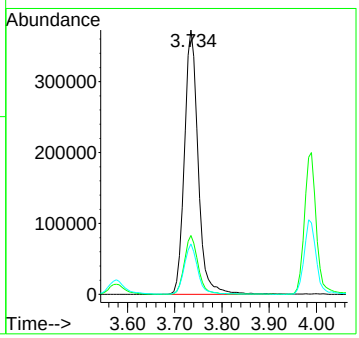


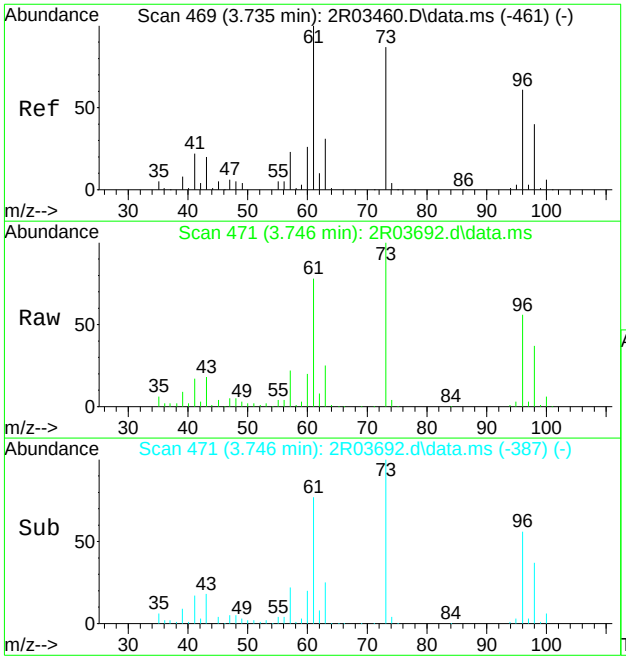


#24
methyl tert butyl ether
Concen: 44.7011 ug/L
RT: 3.734 min Scan# 469
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 73 Resp: 751893

Ion	Ratio	Lower	Upper
73	100		
57	22.3	0.0	56.0
43	19.0	0.0	55.3

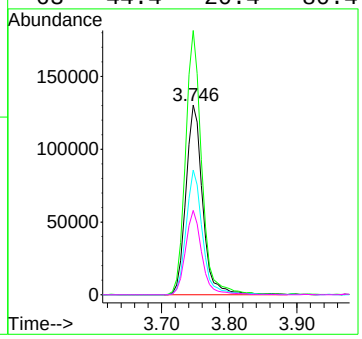


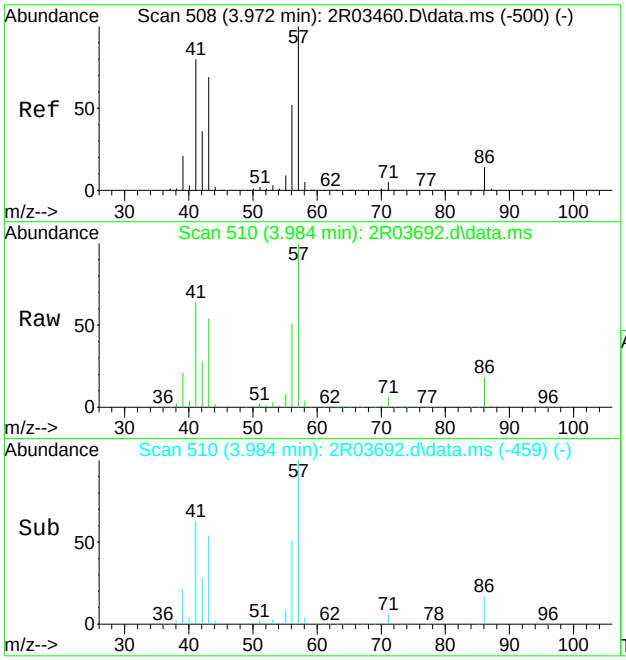


#25
trans-1,2-dichloroethene
Concen: 47.6784 ug/L
RT: 3.746 min Scan# 471
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 96 Resp: 224122

Ion	Ratio	Lower	Upper
96	100		
61	139.4	137.2	197.2
98	65.8	35.2	95.2
63	44.4	20.4	80.4

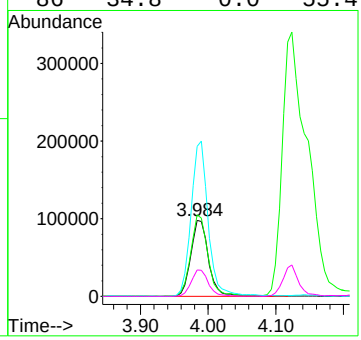


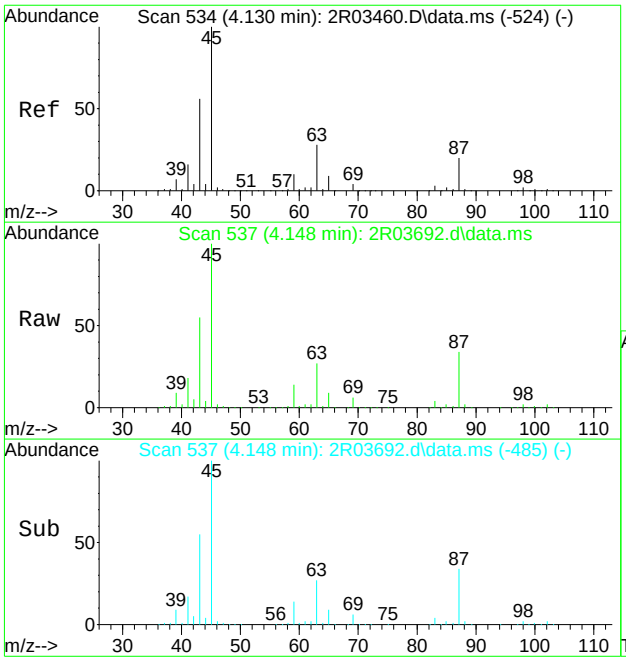


#26
hexane
Concen: 35.2107 ug/L
RT: 3.984 min Scan# 510
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 56 Resp: 178680

Ion	Ratio	Lower	Upper
56	100		
43	107.5	100.9	160.9
57	197.5	156.3	216.3
86	34.8	0.0	55.4

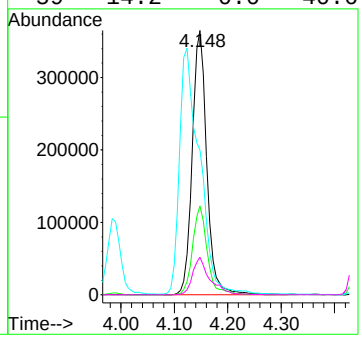


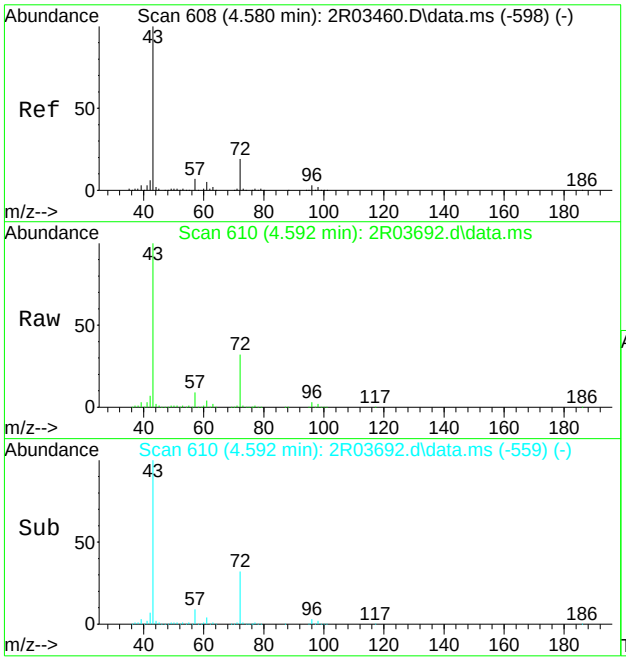


#27
di-isopropyl ether
Concen: 32.0214 ug/L
RT: 4.148 min Scan# 537
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 45 Resp: 696056

Ion	Ratio	Lower	Upper
45	100		
87	33.6	0.0	49.8
43	54.5	21.0	81.0
59	14.2	0.0	40.6

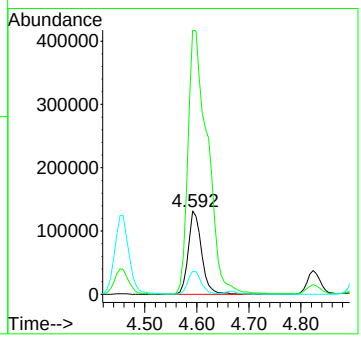


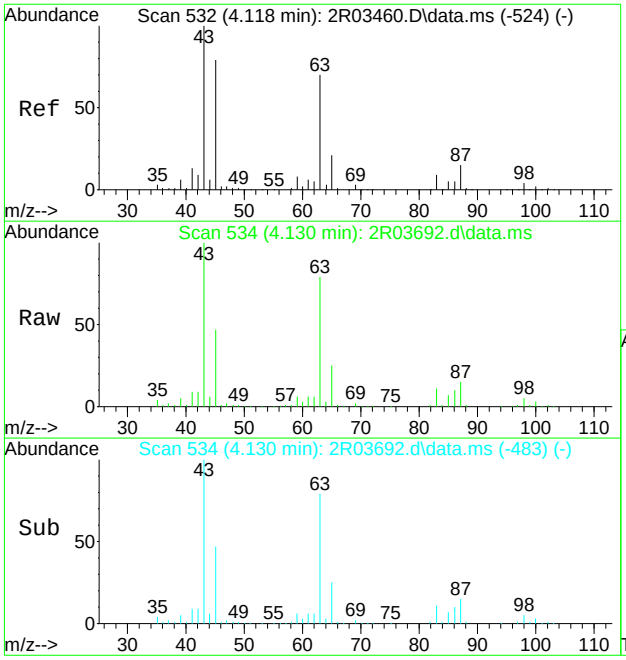


#28
2-butanone
Concen: 231.7746 ug/L
RT: 4.592 min Scan# 610
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 72 Resp: 235868

Ion	Ratio	Lower	Upper
72	100		
43	316.3	474.4	534.4#
57	27.4	5.9	65.9

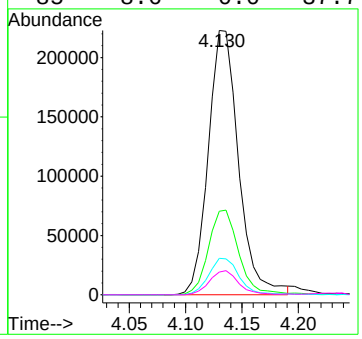


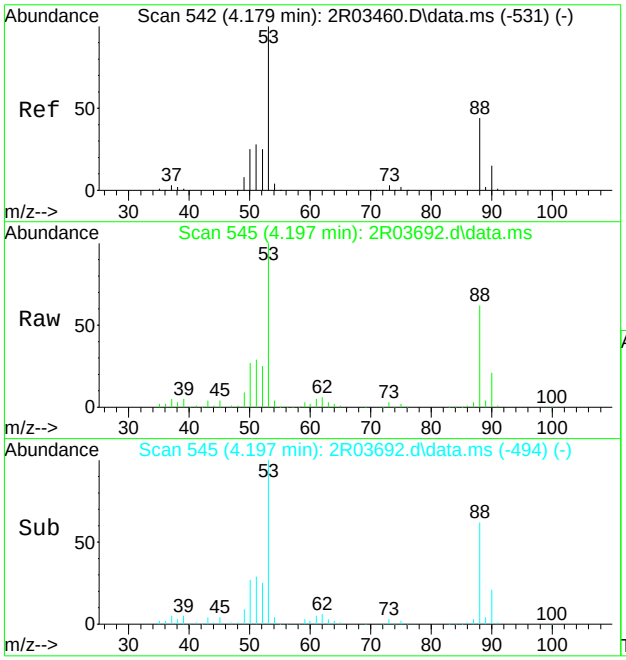


#29
1,1-dichloroethane
Concen: 41.5997 ug/L
RT: 4.130 min Scan# 534
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 63 Resp: 417103

Ion	Ratio	Lower	Upper
63	100		
65	31.6	1.0	61.0
83	13.8	0.0	42.5
85	8.6	0.0	37.7

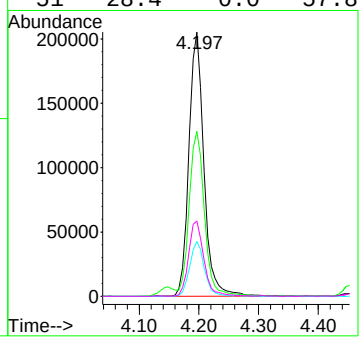


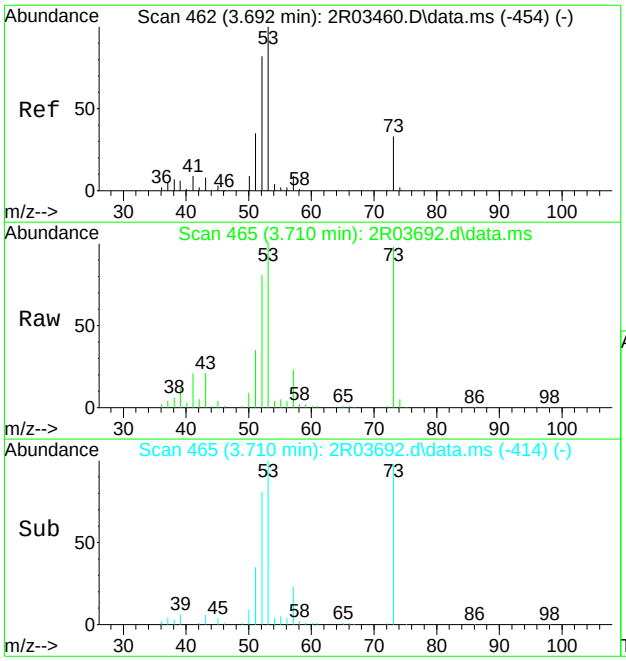


#30
chloroprene
Concen: 37.4482 ug/L
RT: 4.197 min Scan# 545
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 53 Resp: 361074

Ion	Ratio	Lower	Upper
53	100		
88	62.4	17.0	77.0
90	20.8	0.0	45.0
51	28.4	0.0	57.8

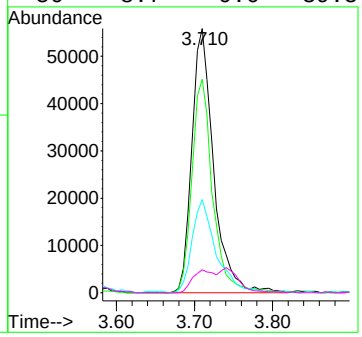


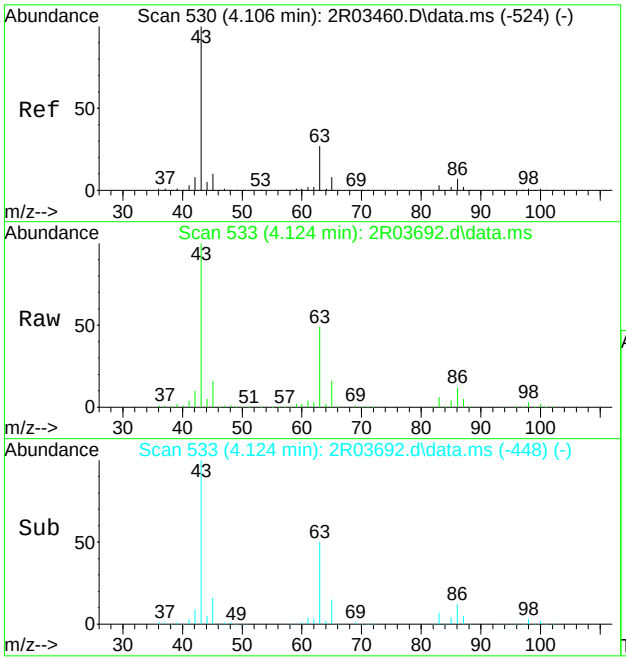


#31
acrylonitrile
Concen: 27.7266 ug/L
RT: 3.710 min Scan# 465
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 53 Resp: 108128

Ion	Ratio	Lower	Upper
53	100		
52	80.8	48.6	108.6
51	35.0	5.3	65.3
50	8.7	0.0	39.5

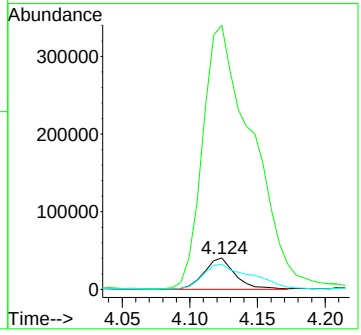


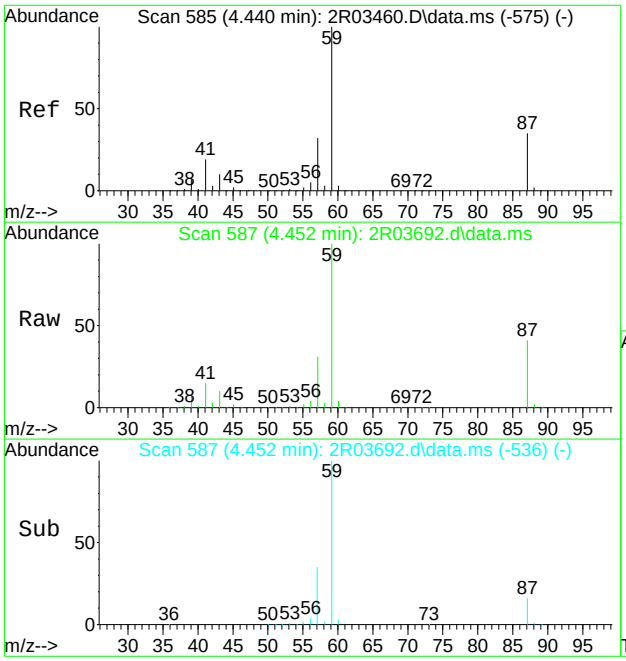


#32
vinyl acetate
Concen: 88.6467 ug/L
RT: 4.124 min Scan# 533
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 86 Resp: 65457

Ion	Ratio	Lower	Upper
86	100		
43	839.5	1491.9	1551.9#
42	79.4	93.9	153.9#

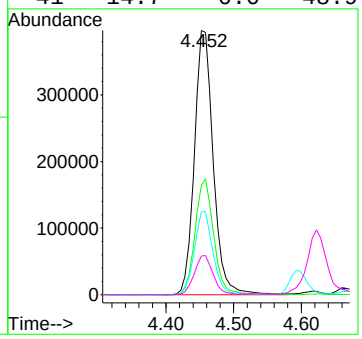


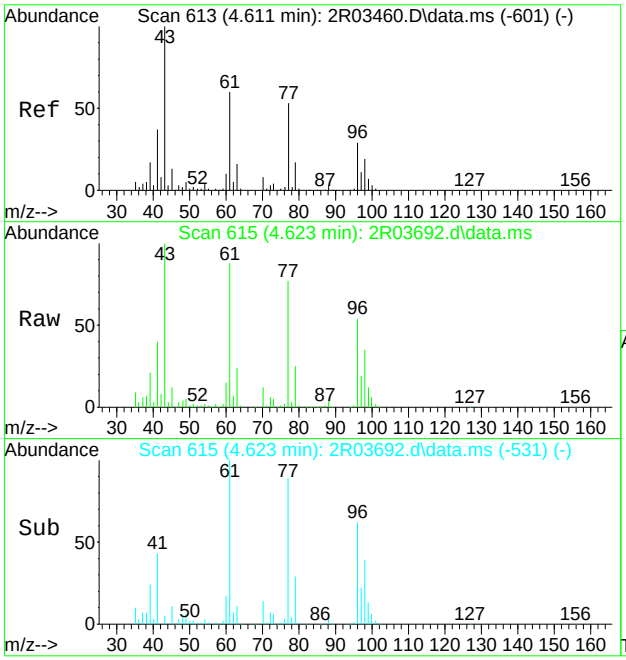


#33
ethyl tert-butyl ether
Concen: 41.8873 ug/L
RT: 4.452 min Scan# 587
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 59 Resp: 771111

Ion	Ratio	Lower	Upper
59	100		
87	41.4	5.0	65.0
57	31.3	2.2	62.2
41	14.7	0.0	48.9

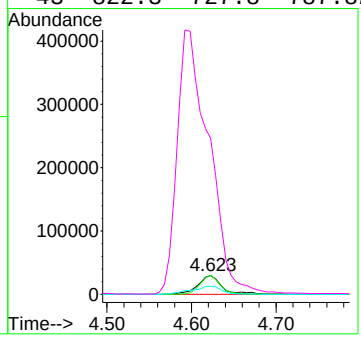


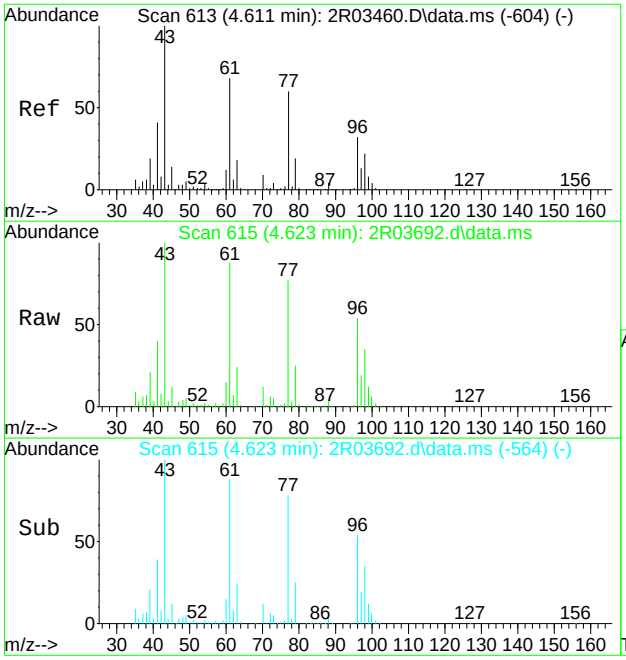


#34
ethyl acetate
Concen: 34.5470 ug/L
RT: 4.623 min Scan# 615
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 45 Resp: 60012

Ion	Ratio	Lower	Upper
45	100		
70	101.0	35.7	95.7#
73	42.0	0.0	58.5
43	822.3	727.8	787.8#

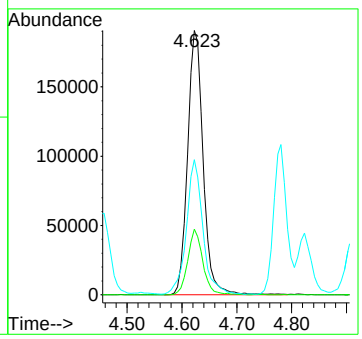


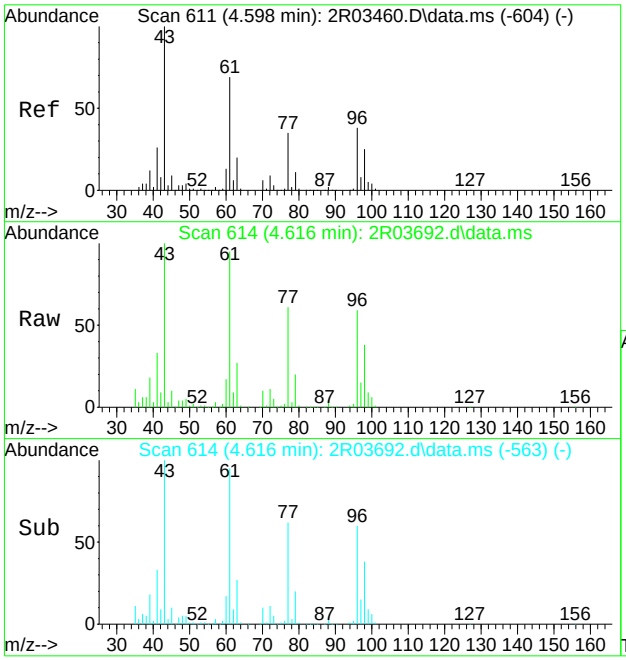


#35
2,2-dichloropropane
Concen: 50.1238 ug/L
RT: 4.623 min Scan# 615
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 77 Resp: 374625

Ion	Ratio	Lower	Upper
77	100		
97	24.8	0.0	52.0
41	50.8	38.0	98.0

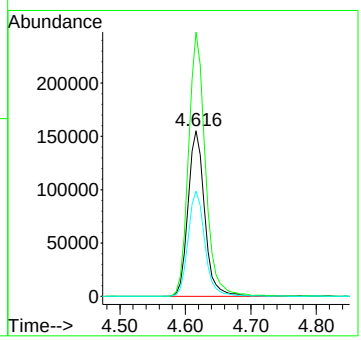


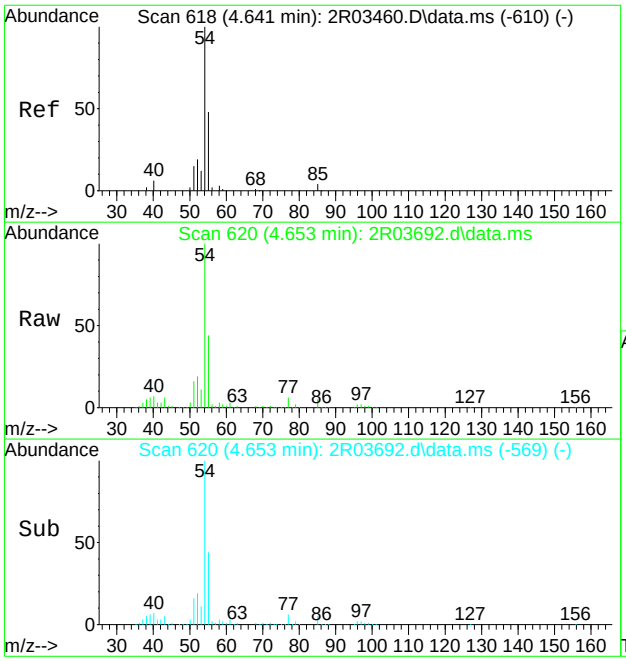


#36
cis-1,2-dichloroethene
Concen: 51.6784 ug/L
RT: 4.616 min Scan# 614
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 96 Resp: 274270

Ion	Ratio	Lower	Upper
96	100		
61	159.5	159.0	219.0
98	63.6	35.2	95.2

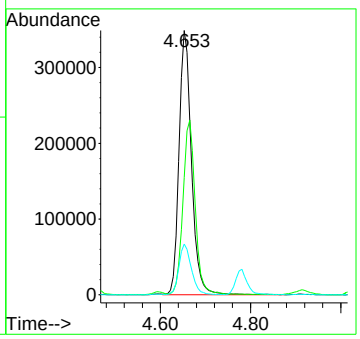


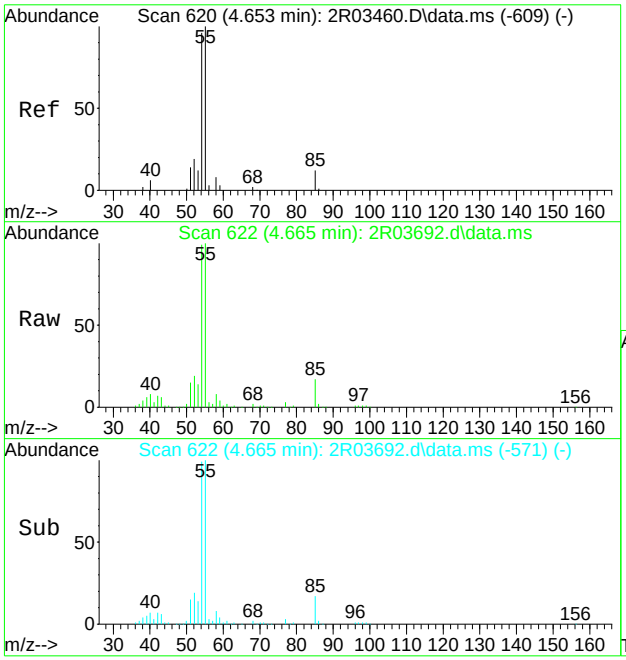


#37
propionitrile
Concen: 375.2101 ug/L
RT: 4.653 min Scan# 620
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 54 Resp: 665656

Ion	Ratio	Lower	Upper
54	100		
55	44.0	20.4	80.4
52	19.1	0.0	50.2

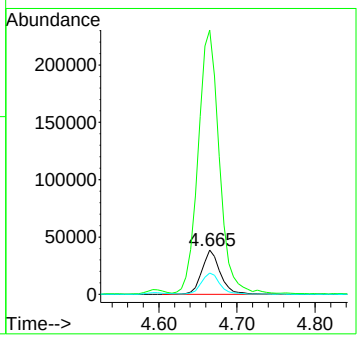


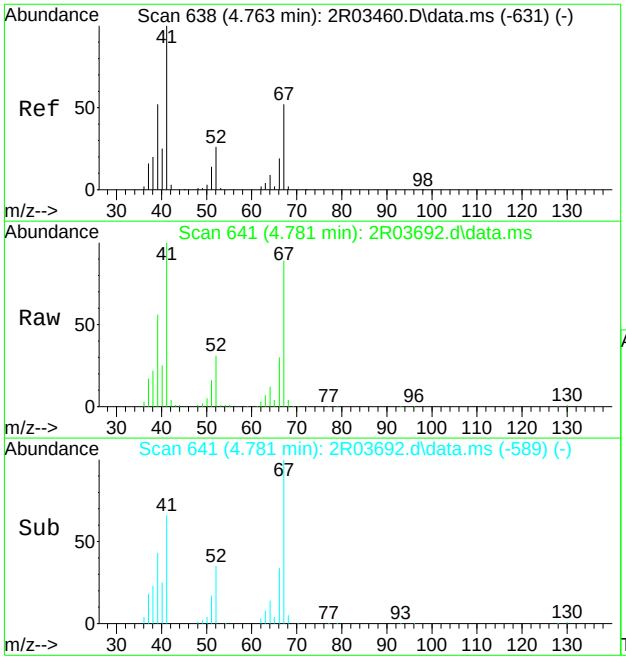


#38
methyl acrylate
Concen: 56.9438 ug/L
RT: 4.665 min Scan# 622
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 85 Resp: 63195

Ion	Ratio	Lower	Upper
85	100		
55	592.0	817.2	857.2#
58	47.8	44.7	84.7

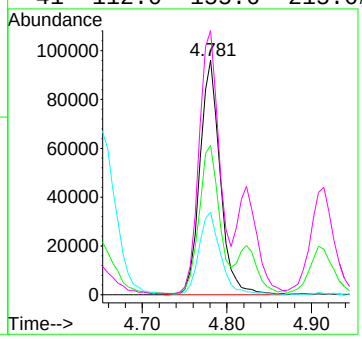


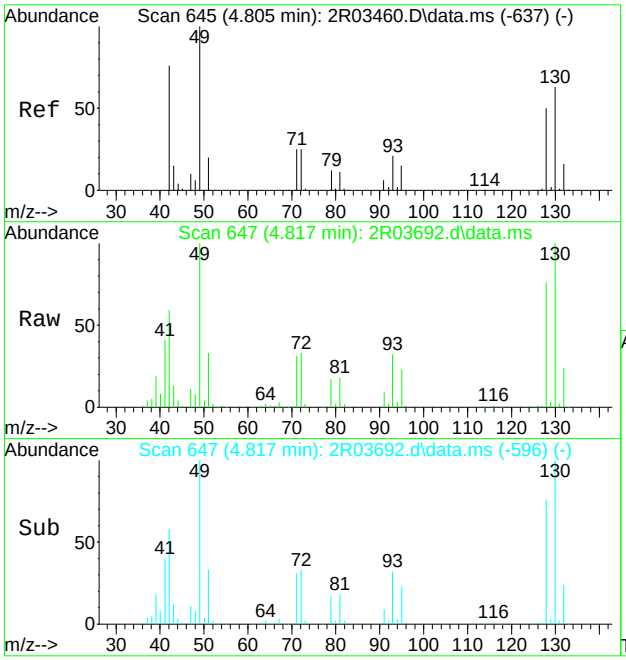


#39
methacrylonitrile
Concen: 50.9624 ug/L
RT: 4.781 min Scan# 641
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 67 Resp: 161322

Ion	Ratio	Lower	Upper
67	100		
39	63.0	70.3	130.3#
52	34.7	18.2	78.2
41	112.0	155.6	215.6#

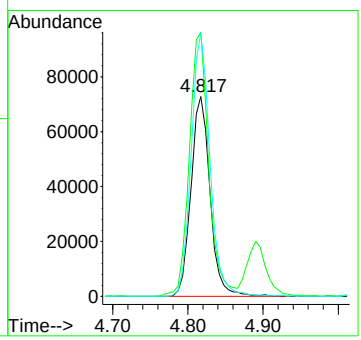


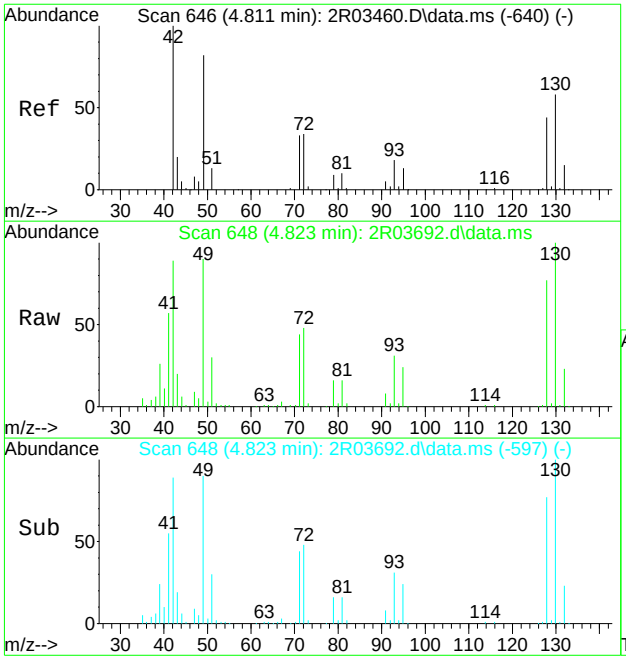


#40
bromochloromethane
Concen: 50.7907 ug/L
RT: 4.817 min Scan# 647
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:128 Resp: 128312

Ion	Ratio	Lower	Upper
128	100		
49	131.1	184.6	244.6#
130	131.7	103.2	163.2

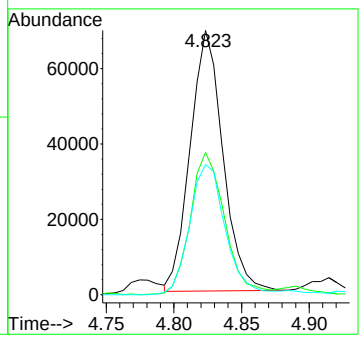


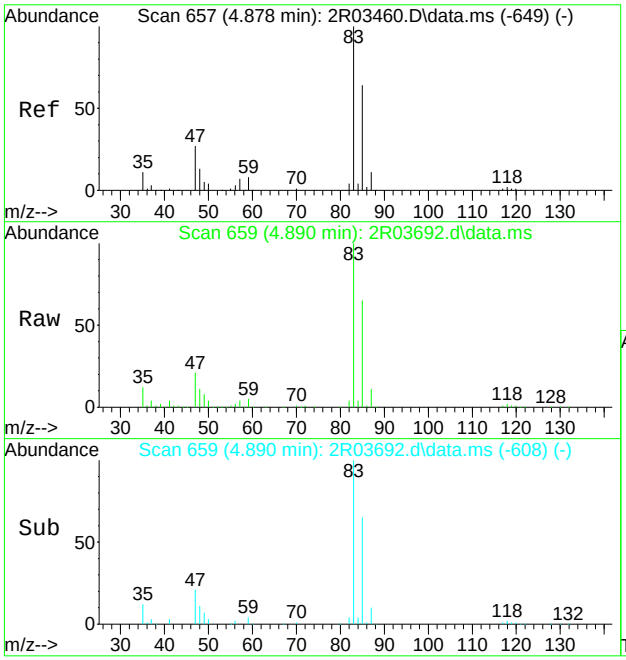


#41
tetrahydrofuran
Concen: 27.7557 ug/L
RT: 4.823 min Scan# 648
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 42 Resp: 116175

Ion	Ratio	Lower	Upper
42	100		
72	54.0	4.8	64.8
71	49.1	2.6	62.6

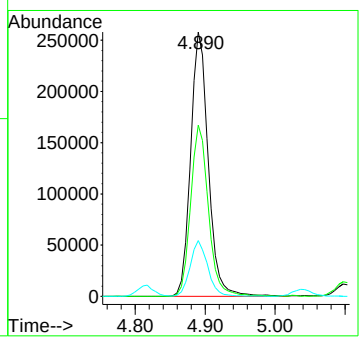


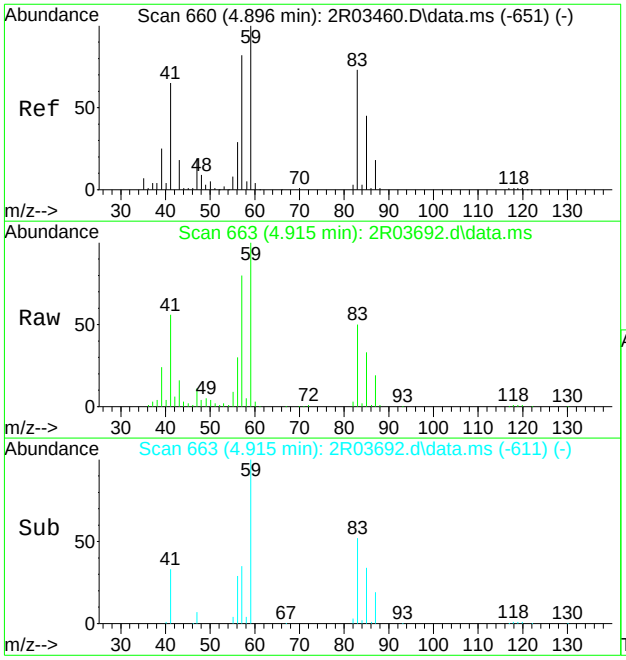


#42
chloroform
Concen: 44.5967 ug/L
RT: 4.890 min Scan# 659
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 83 Resp: 453112

Ion	Ratio	Lower	Upper
83	100		
85	64.7	34.0	94.0
47	20.7	0.0	59.2

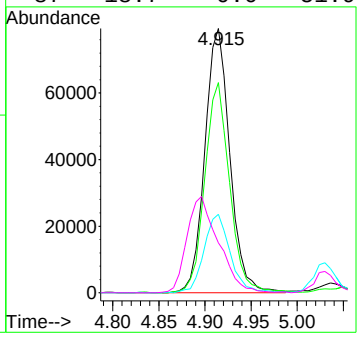


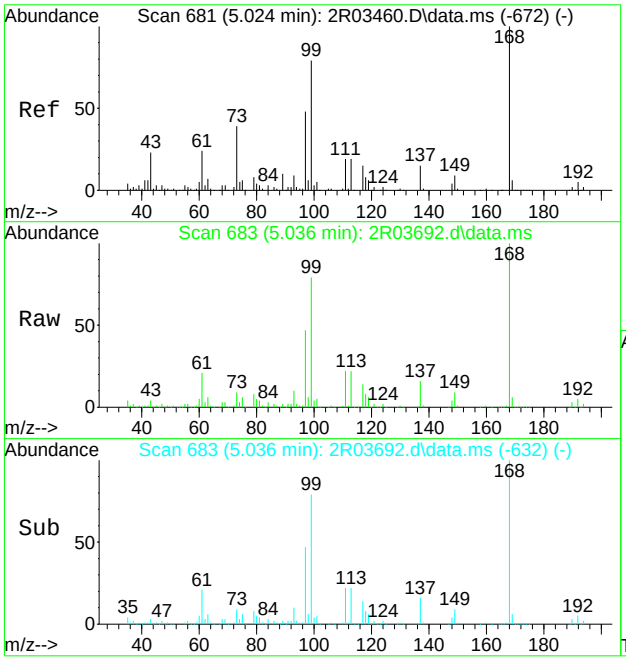


#43
tert-Butyl Formate
Concen: 58.8219 ug/L
RT: 4.915 min Scan# 663
Delta R.T. 0.019 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 59 Resp: 149864

Ion	Ratio	Lower	Upper
59	100		
57	79.5	55.3	115.3
56	29.7	0.0	59.1
87	18.7	0.0	51.9

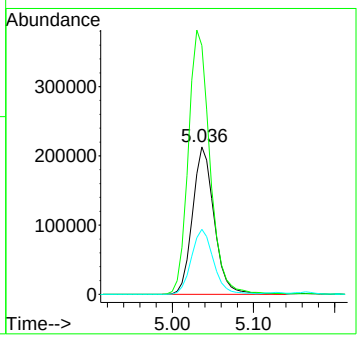


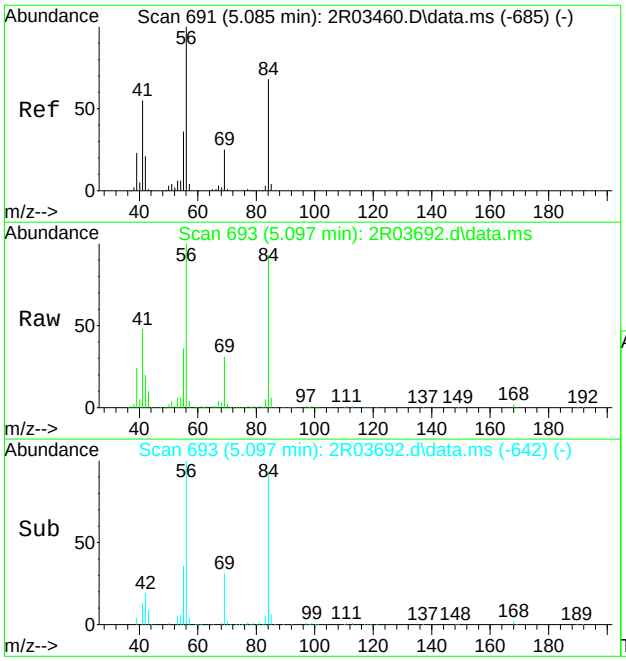


#45
1,1,1-trichloroethane
Concen: 49.5686 ug/L
RT: 5.036 min Scan# 683
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 97 Resp: 393040

Ion	Ratio	Lower	Upper
97	100		
99	168.6	132.5	192.5
61	44.0	19.5	79.5

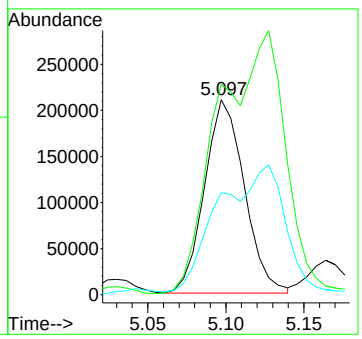


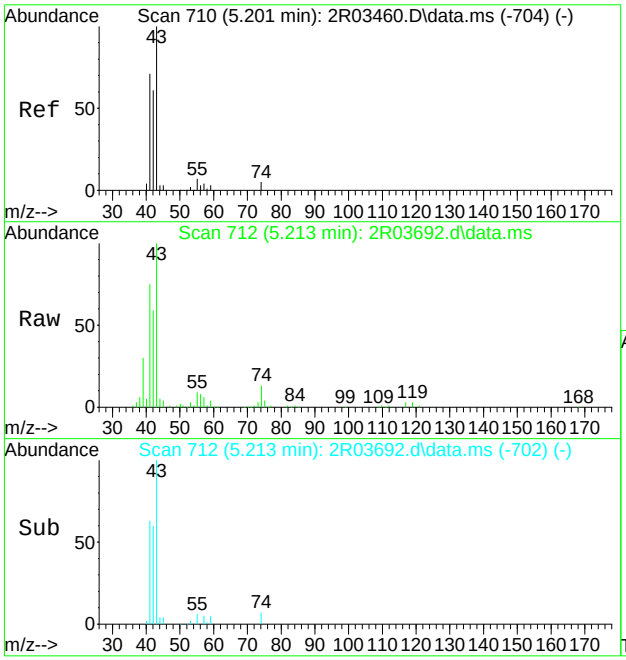


#46
cyclohexane
Concen: 53.1589 ug/L
RT: 5.097 min Scan# 693
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 84 Resp: 371062

Ion	Ratio	Lower	Upper
84	100		
56	108.2	122.5	182.5#
41	51.4	54.9	114.9#

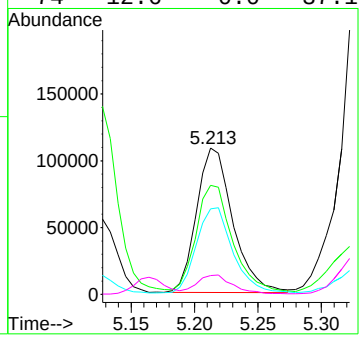


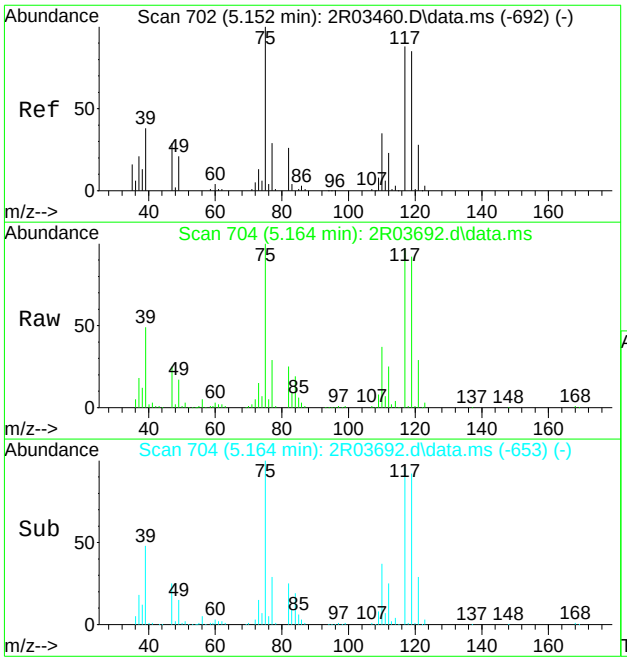


#47
isobutyl alcohol
Concen: 321.1943 ug/L
RT: 5.213 min Scan# 712
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 43 Resp: 214720

Ion	Ratio	Lower	Upper
43	100		
41	73.4	40.3	100.3
42	58.2	29.8	89.8
74	12.6	0.0	37.1

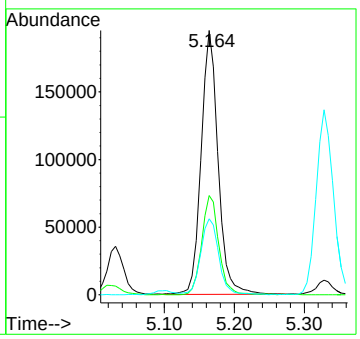


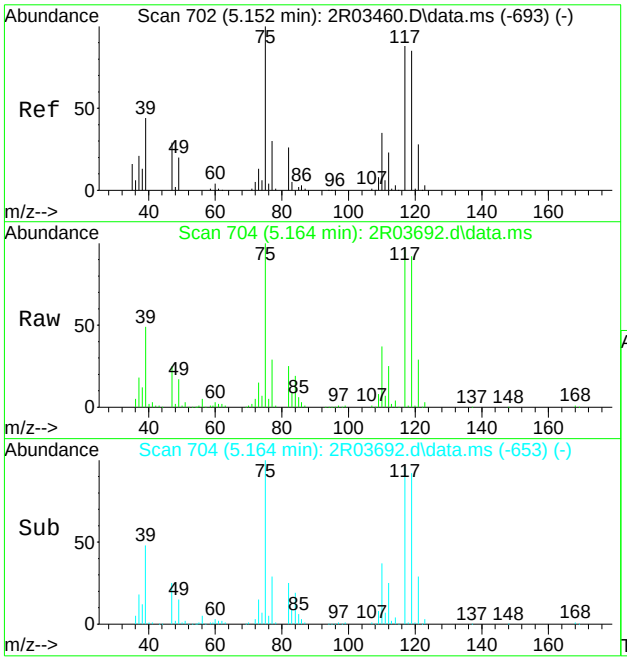


#48
1,1-dichloropropene
Concen: 48.0930 ug/L
RT: 5.164 min Scan# 704
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 75 Resp: 329831

Ion	Ratio	Lower	Upper
75	100		
110	37.5	13.9	53.9
77	28.7	10.4	50.4

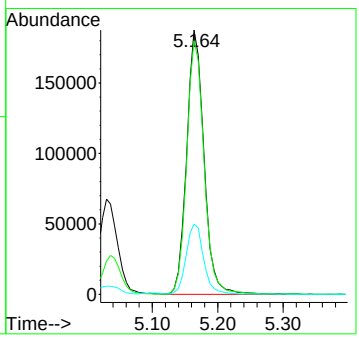


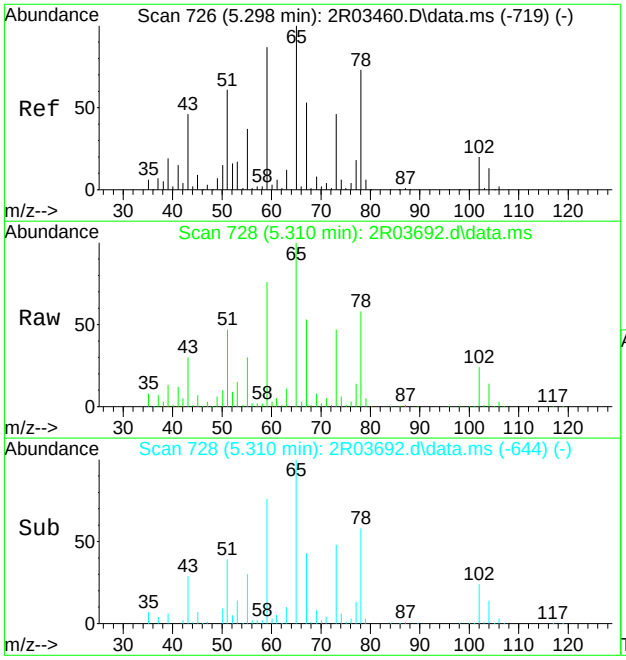


#49
carbon tetrachloride
Concen: 50.5735 ug/L
RT: 5.164 min Scan# 704
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:117 Resp: 345202

Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.2	113.2
82	26.4	0.0	58.4

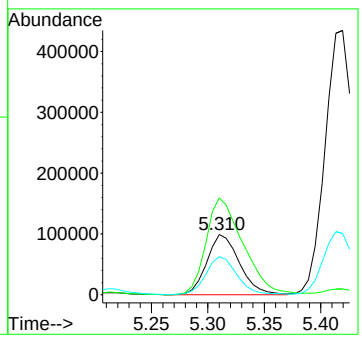


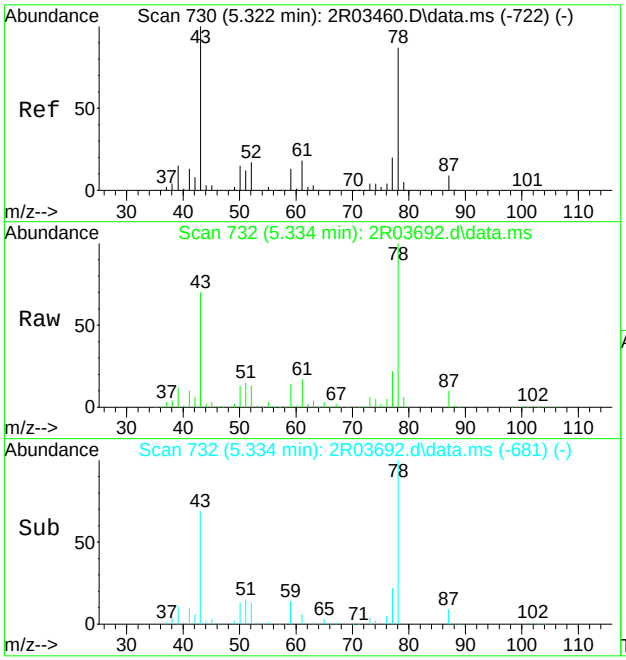


#50
tert-amyl alcohol
Concen: 257.9410 ug/L
RT: 5.310 min Scan# 728
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 73 Resp: 198787

Ion	Ratio	Lower	Upper
73	100		
59	160.7	165.8	205.8#
55	62.9	50.6	110.6

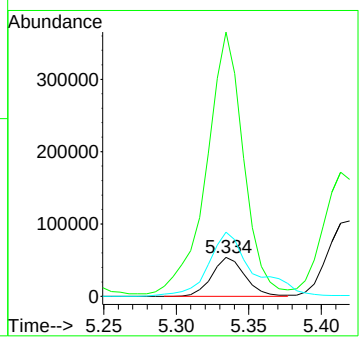


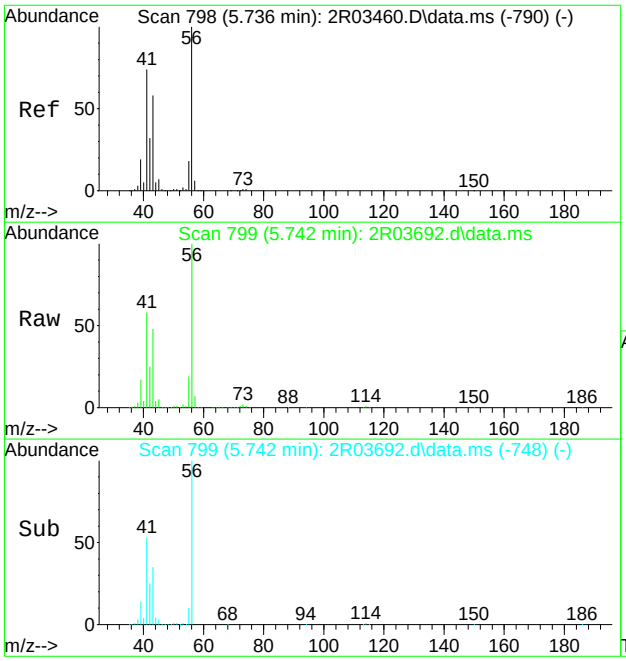


#51
isopropyl acetate
Concen: 55.1882 ug/L
RT: 5.334 min Scan# 732
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 87 Resp: 86441

Ion	Ratio	Lower	Upper
87	100		
43	661.2	1062.3	1122.3#
61	158.5	162.1	222.1#

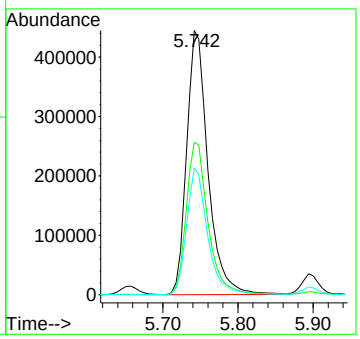


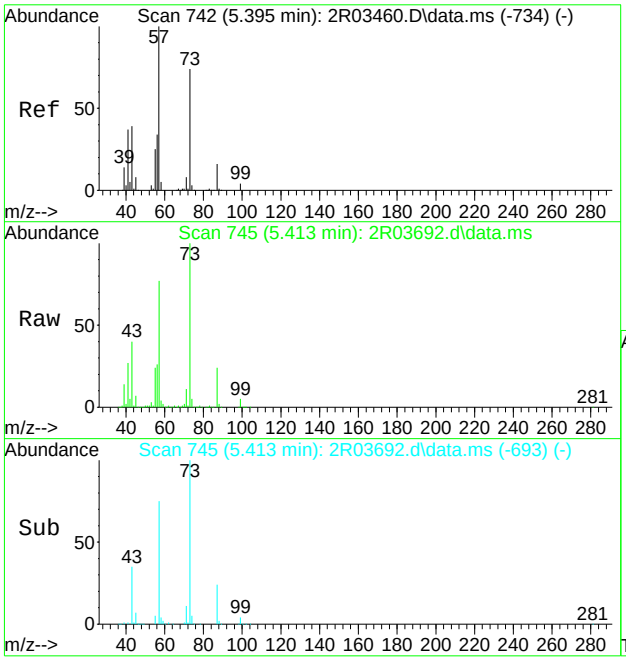


#54
n-butyl alcohol
Concen: 1962.6799 ug/L
RT: 5.742 min Scan# 799
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 56 Resp: 874124

Ion	Ratio	Lower	Upper
56	100		
41	57.7	44.9	104.9
43	48.0	29.1	89.1

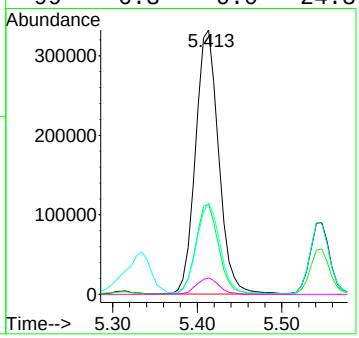


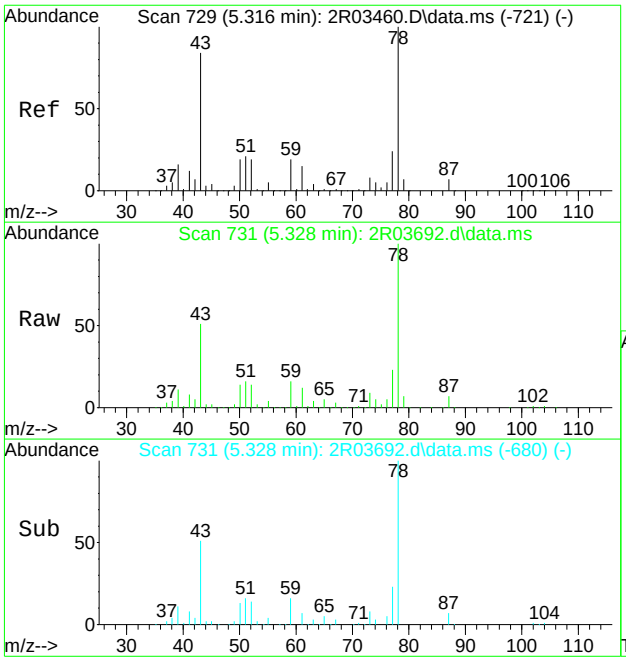


#55
2,2,4-trimethylpentane
Concen: 33.9325 ug/L
RT: 5.413 min Scan# 745
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 57 Resp: 632728

Ion	Ratio	Lower	Upper
57	100		
56	34.1	4.2	64.2
41	34.5	6.9	66.9
99	6.3	0.0	24.3

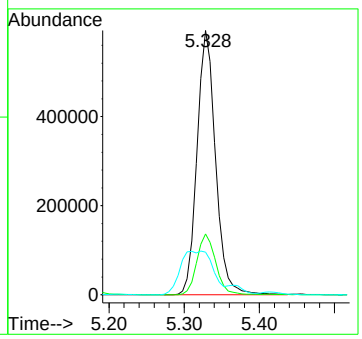


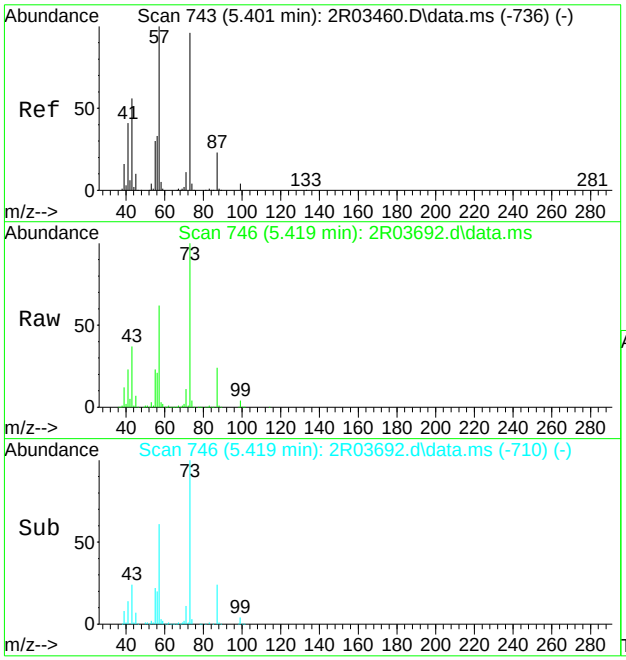


#56
benzene
Concen: 46.5441 ug/L
RT: 5.328 min Scan# 731
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 78 Resp: 1015441

Ion	Ratio	Lower	Upper
78	100		
77	23.0	0.0	53.7
51	15.9	0.0	53.3

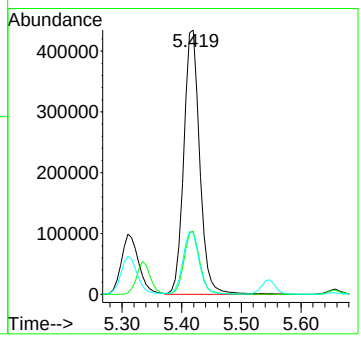


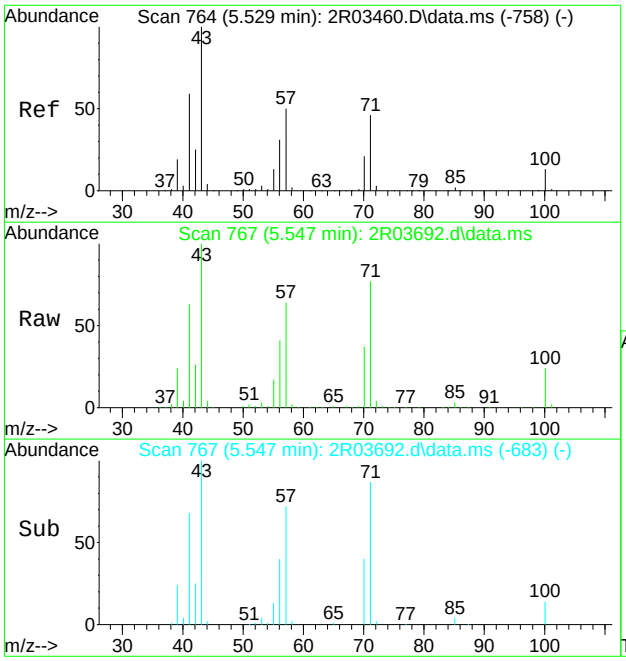


#57
tert-amyl methyl ether
Concen: 48.9608 ug/L
RT: 5.419 min Scan# 746
Delta R.T. 0.018 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 73 Resp: 811134

Ion	Ratio	Lower	Upper
73	100		
87	24.0	0.0	53.3
55	23.0	1.3	61.3

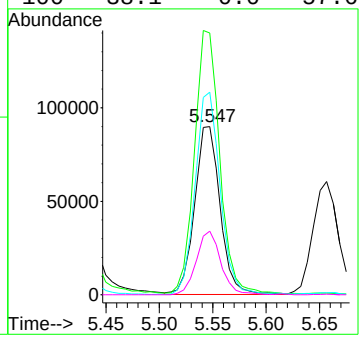


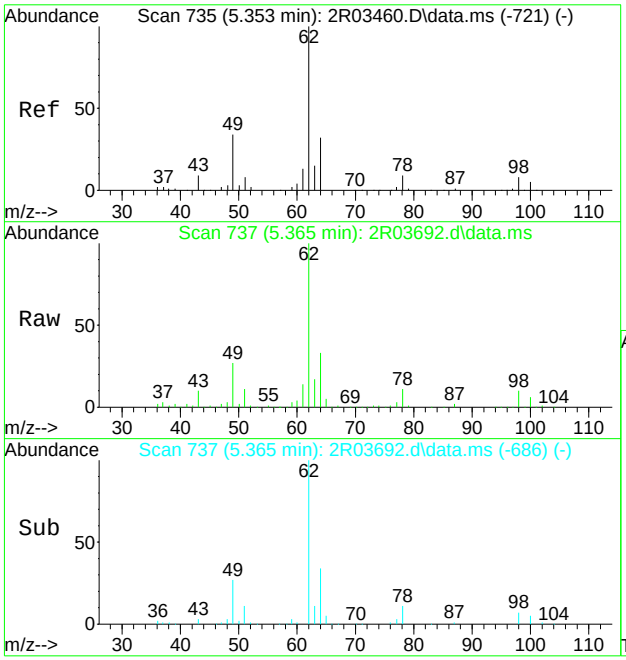


#58
heptane
Concen: 35.9261 ug/L
RT: 5.547 min Scan# 767
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 57 Resp: 150223

Ion	Ratio	Lower	Upper
57	100		
43	156.0	174.2	234.2#
71	121.0	66.6	126.6
100	38.1	0.0	57.6

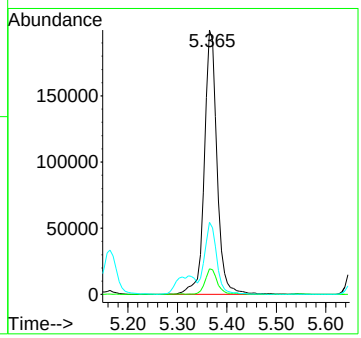


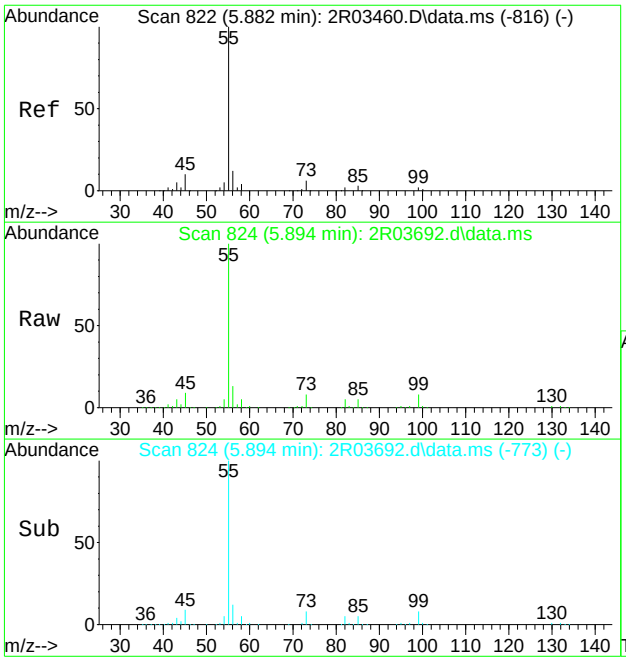


#59
1,2-dichloroethane
Concen: 38.8564 ug/L
RT: 5.365 min Scan# 737
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 62 Resp: 355706

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	38.5
49	27.2	4.3	64.3

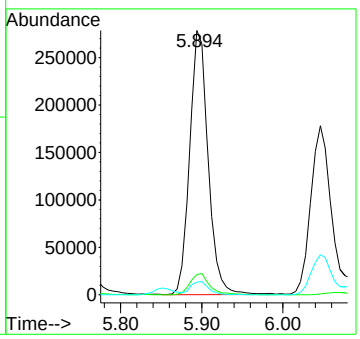


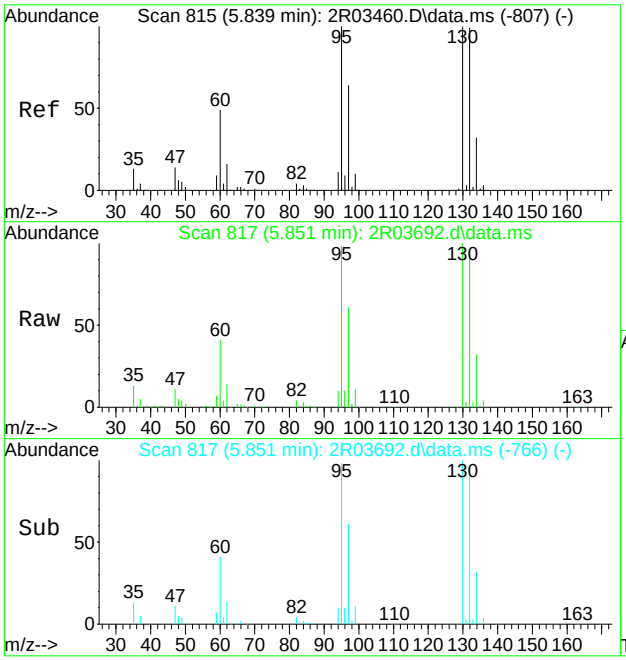


#60
ethyl acrylate
Concen: 38.8719 ug/L
RT: 5.894 min Scan# 824
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 55 Resp: 439318

Ion	Ratio	Lower	Upper
55	100		
73	7.7	0.0	26.2
82	4.7	0.0	23.6

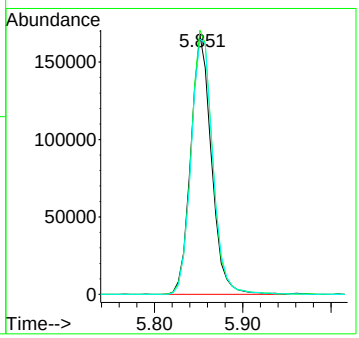


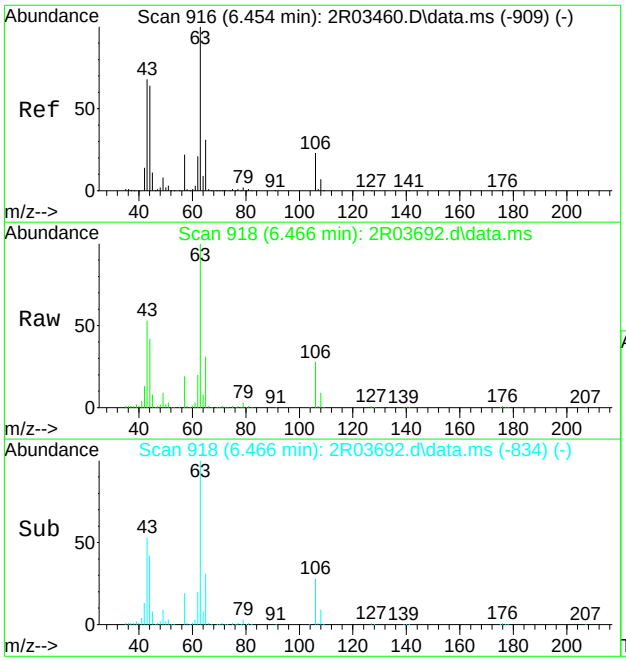


#61
trichloroethene
Concen: 49.5557 ug/L
RT: 5.851 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 95 Resp: 274575

Ion	Ratio	Lower	Upper
95	100		
130	101.8	67.3	127.3
132	98.2	67.9	127.9

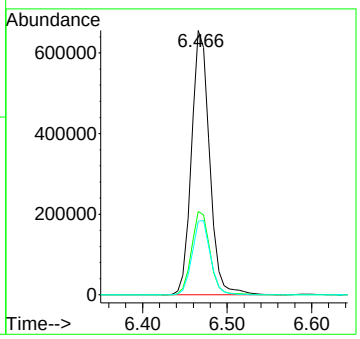


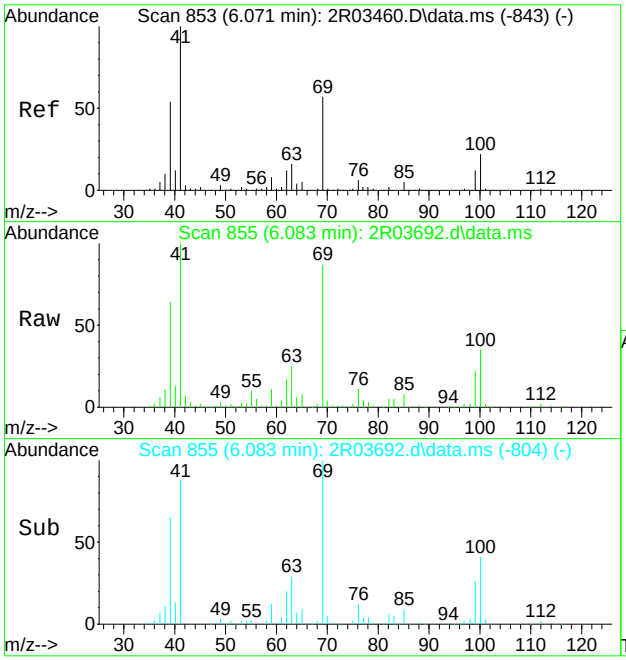


#62
2-chloroethyl vinyl ether
Concen: 221.5036 ug/L
RT: 6.466 min Scan# 918
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 63 Resp: 971008

Ion	Ratio	Lower	Upper
63	100		
65	31.5	0.9	60.9
106	27.8	0.0	53.4

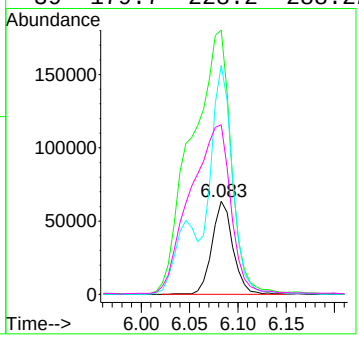


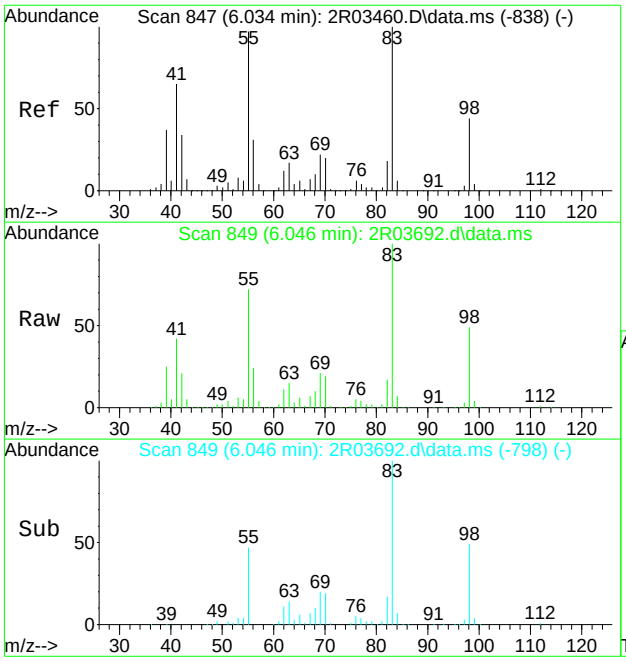


#63
methyl methacrylate
Concen: 53.2867 ug/L
RT: 6.083 min Scan# 855
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:100 Resp: 97012

Ion	Ratio	Lower	Upper
100	100		
41	281.7	448.0	508.0#
69	244.1	236.9	296.9
39	179.7	228.2	288.2#

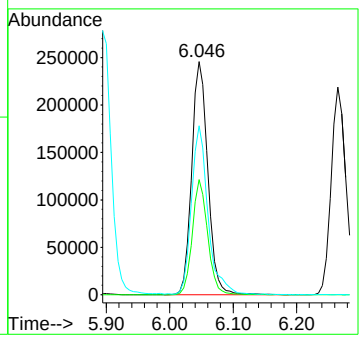


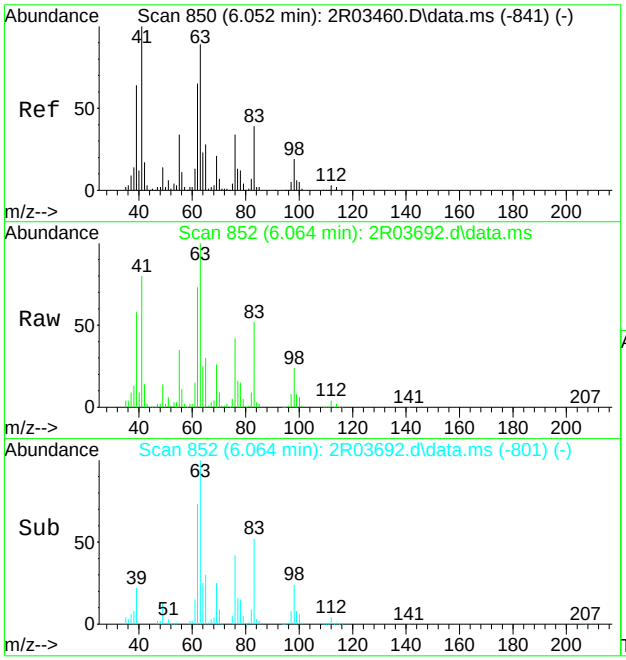


#64
methylcyclohexane
Concen: 46.3109 ug/L
RT: 6.046 min Scan# 849
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 83 Resp: 434142

Ion	Ratio	Lower	Upper
83	100		
98	49.4	24.3	64.3
55	72.4	77.0	117.0#

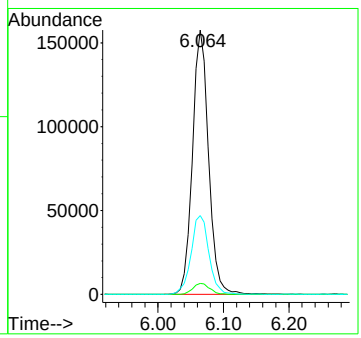


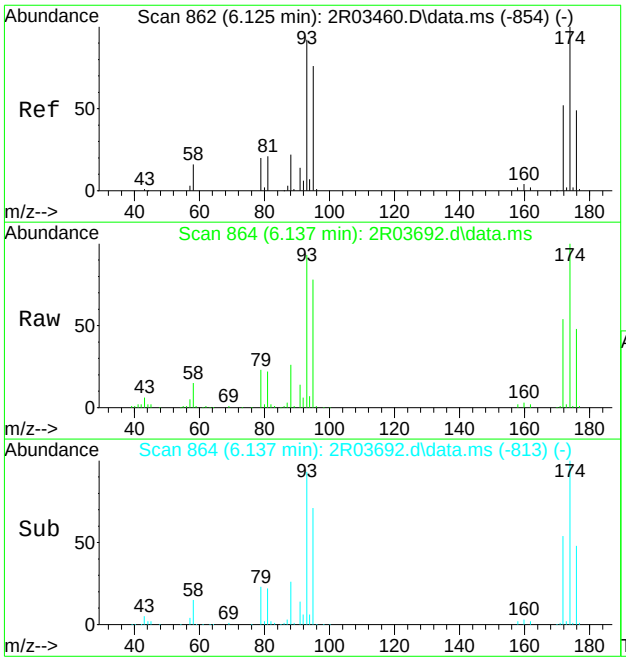


#65
1,2-dichloropropane
Concen: 42.4835 ug/L
RT: 6.064 min Scan# 852
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 63 Resp: 269192

Ion	Ratio	Lower	Upper
63	100		
112	4.2	0.0	33.8
65	29.8	0.8	60.8

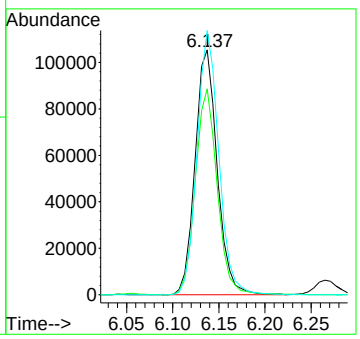


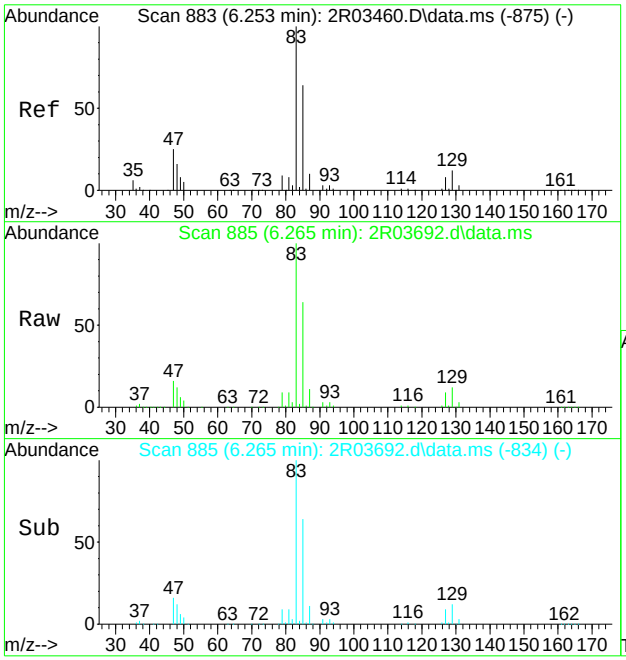


#66
dibromomethane
Concen: 49.0365 ug/L
RT: 6.137 min Scan# 864
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 93 Resp: 176245

Ion	Ratio	Lower	Upper
93	100		
95	84.1	57.3	117.3
174	107.9	79.3	139.3

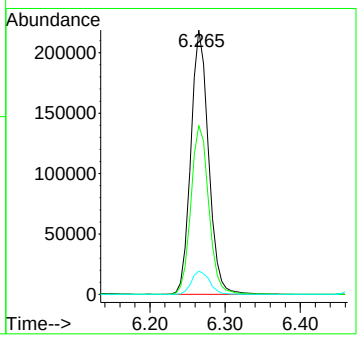


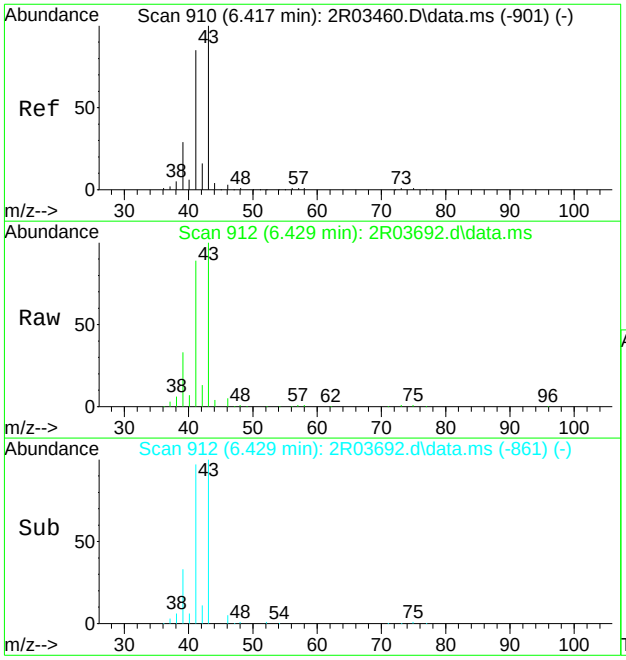


#67
bromodichloromethane
Concen: 48.0495 ug/L
RT: 6.265 min Scan# 885
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 83 Resp: 358335

Ion	Ratio	Lower	Upper
83	100		
85	63.9	32.6	92.6
127	8.9	0.0	38.2

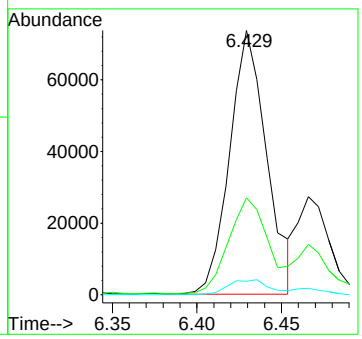


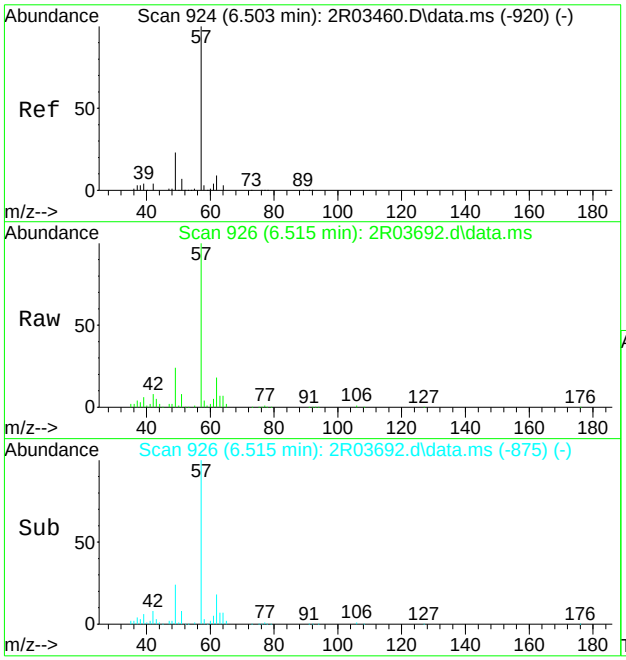


#68
2-nitropropane
Concen: 36.4112 ug/L
RT: 6.429 min Scan# 912
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 41 Resp: 112269

Ion	Ratio	Lower	Upper
41	100		
39	36.2	5.6	65.6
46	5.2	0.0	34.1

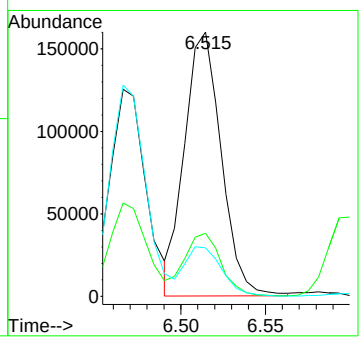


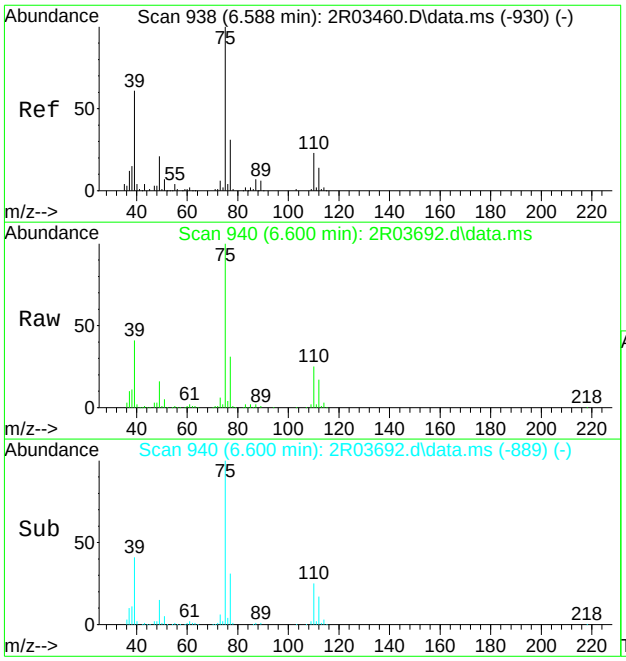


#69
epichlorohydrin
Concen: 182.1695 ug/L
RT: 6.515 min Scan# 926
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 57 Resp: 242015

Ion	Ratio	Lower	Upper
57	100		
49	23.9	0.0	57.1
62	18.5	0.0	47.4

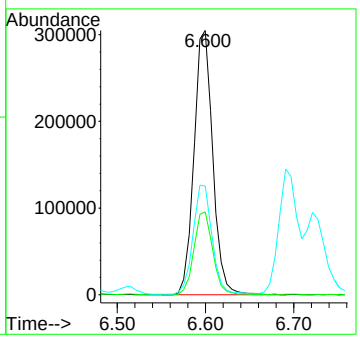


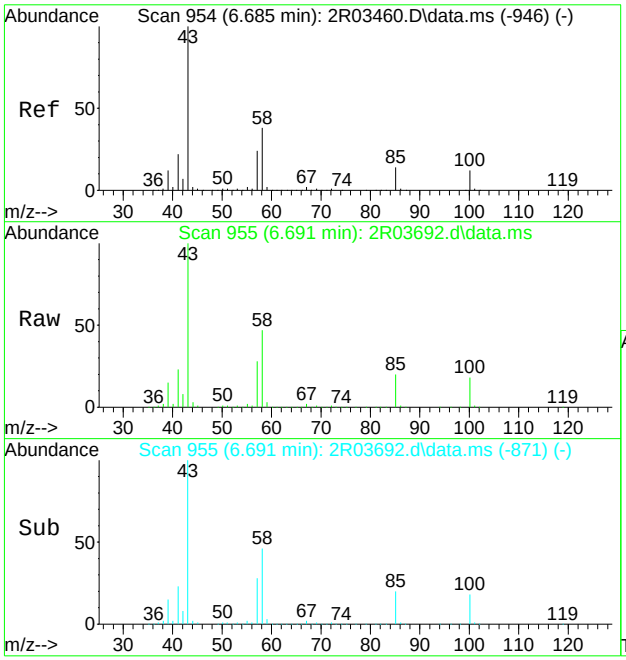


#70
cis-1,3-dichloropropene
Concen: 47.6202 ug/L
RT: 6.600 min Scan# 940
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 75 Resp: 452778

Ion	Ratio	Lower	Upper
75	100		
77	31.4	1.5	61.5
39	40.9	30.9	90.9

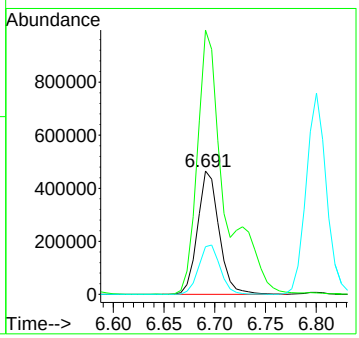


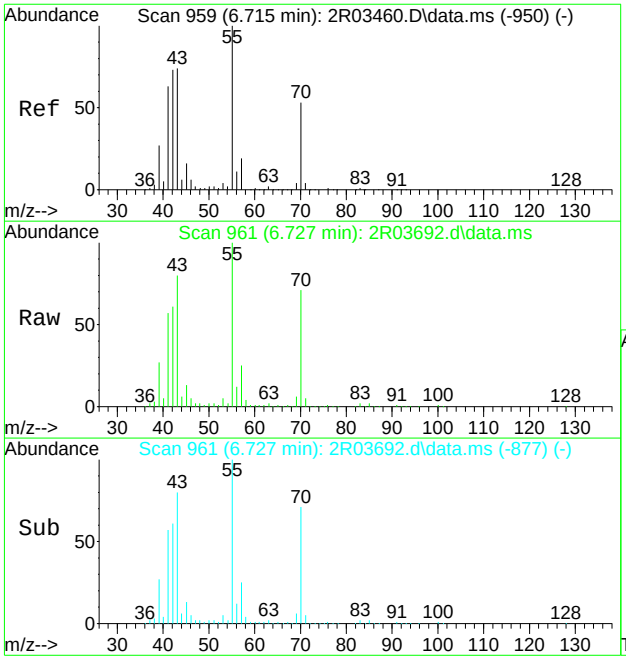


#71
4-methyl-2-pentanone
Concen: 171.3928 ug/L
RT: 6.691 min Scan# 955
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 58 Resp: 686453

Ion	Ratio	Lower	Upper
58	100		
43	214.4	245.1	305.1#
100	38.6	0.0	59.1

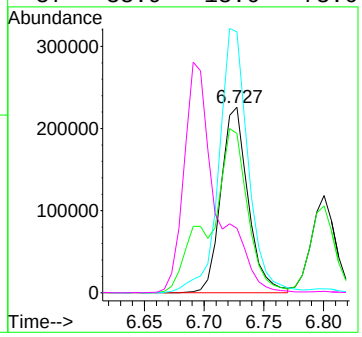


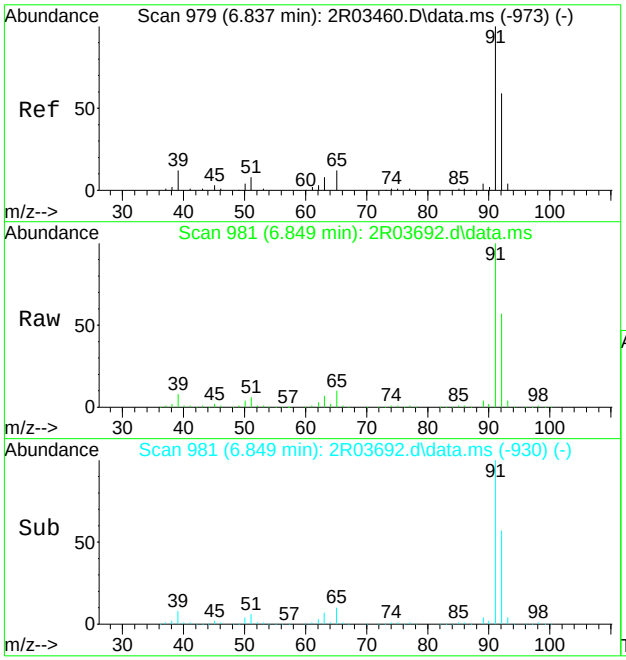


#72
isoamyl alcohol
Concen: 1043.9131 ug/L
RT: 6.727 min Scan# 961
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 70 Resp: 357711

Ion	Ratio	Lower	Upper
70	100		
42	85.1	115.3	175.3#
55	140.5	163.0	223.0#
57	33.9	13.6	73.6

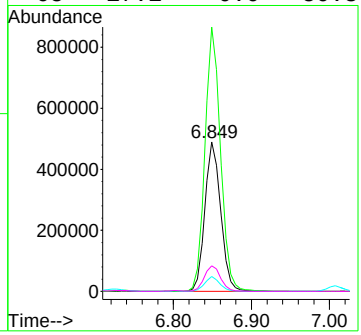


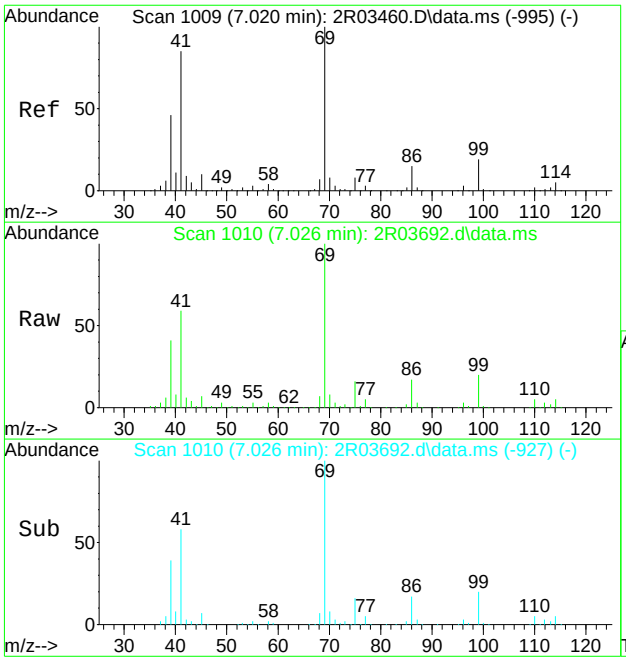


#75
toluene
Concen: 47.3793 ug/L
RT: 6.849 min Scan# 981
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 92 Resp: 687478

Ion	Ratio	Lower	Upper
92	100		
91	176.9	150.8	190.8
51	9.9	0.0	44.0
65	17.1	0.0	50.3

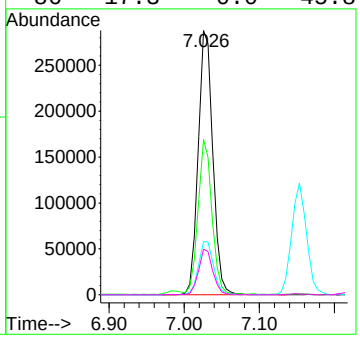


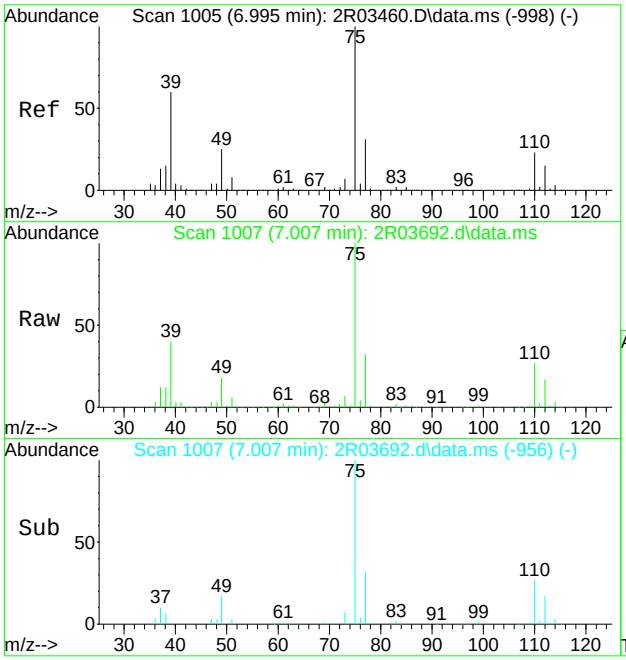


#76
ethyl methacrylate
Concen: 47.6065 ug/L
RT: 7.026 min Scan# 1010
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 69 Resp: 388981

Ion	Ratio	Lower	Upper
69	100		
41	58.5	64.9	104.9#
99	20.0	0.0	38.7
86	17.3	0.0	45.8

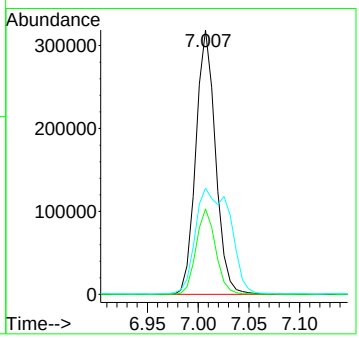


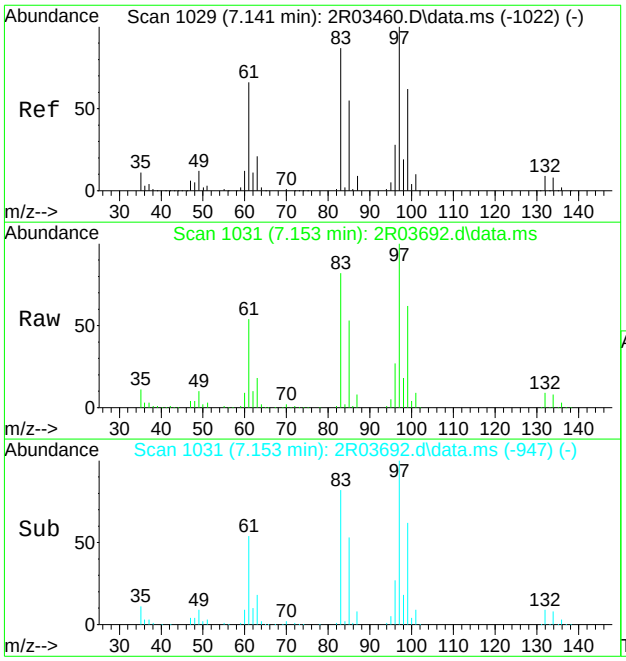


#77
trans-1,3-dichloropropene
Concen: 46.6151 ug/L
RT: 7.007 min Scan# 1007
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 75 Resp: 431327

Ion	Ratio	Lower	Upper
75	100		
77	32.4	10.9	50.9
39	40.0	30.9	90.9

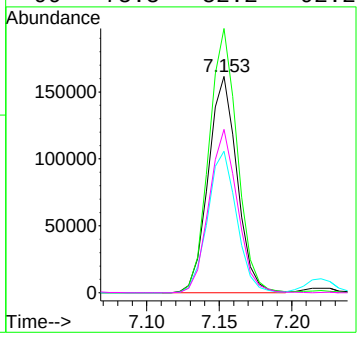


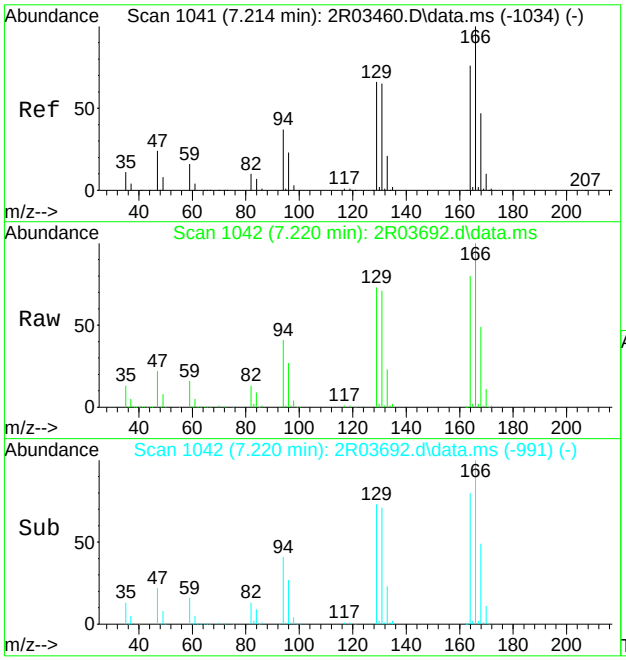


#78
1,1,2-trichloroethane
Concen: 46.7650 ug/L
RT: 7.153 min Scan# 1031
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 83 Resp: 223995

Ion	Ratio	Lower	Upper
83	100		
97	122.3	95.6	135.6
61	65.5	56.1	96.1
99	75.5	52.2	92.2

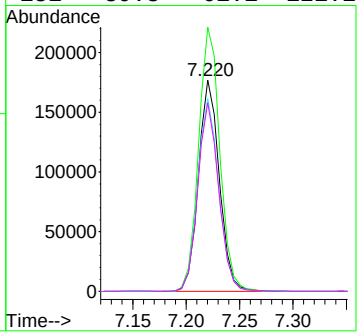


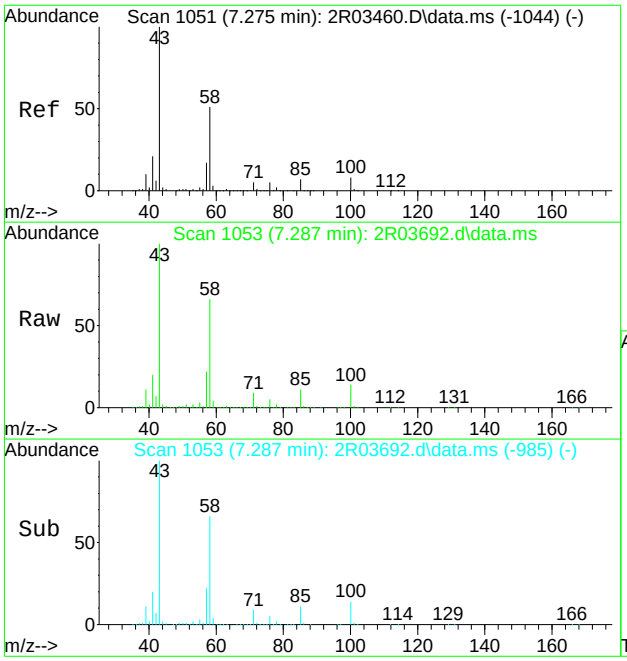


#79
tetrachloroethene
Concen: 48.4840 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:164 Resp: 241150

Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.2	162.2
129	91.2	63.0	123.0
131	89.3	61.1	121.1

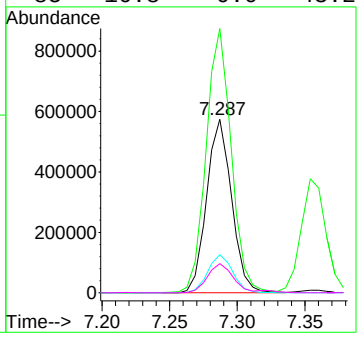


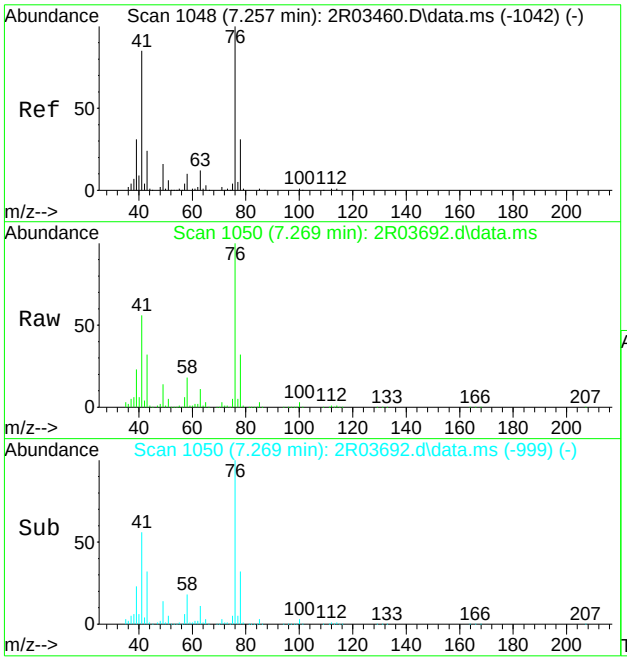


#80
2-hexanone
Concen: 160.7836 ug/L
RT: 7.287 min Scan# 1053
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 58 Resp: 737741

Ion	Ratio	Lower	Upper
58	100		
43	152.2	172.9	212.9#
100	22.0	0.0	36.1
85	16.8	0.0	43.2

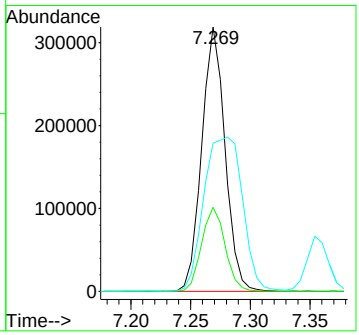


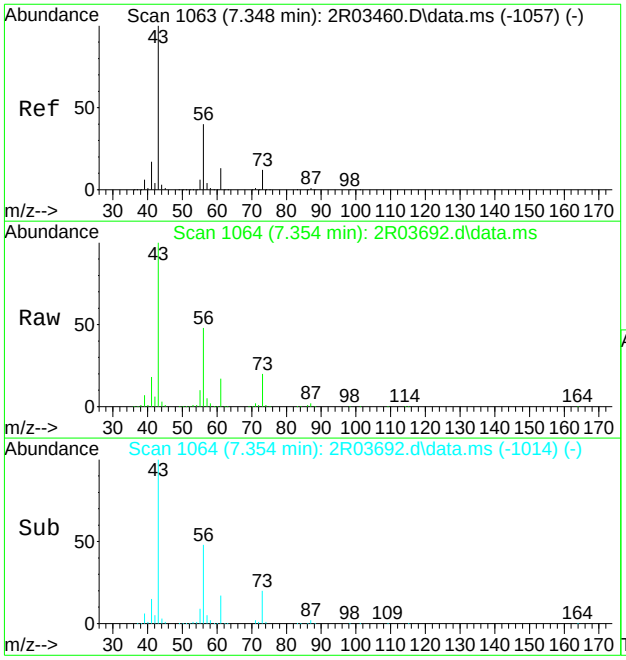


#81
1,3-dichloropropane
Concen: 46.1416 ug/L
RT: 7.269 min Scan# 1050
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 76 Resp: 432212

Ion	Ratio	Lower	Upper
76	100		
78	31.9	1.3	61.3
41	55.9	57.1	117.1#

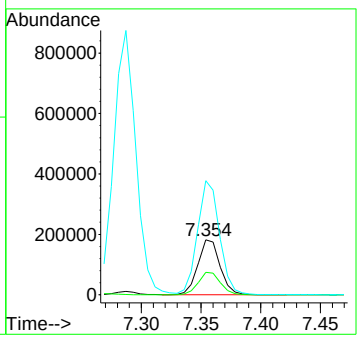


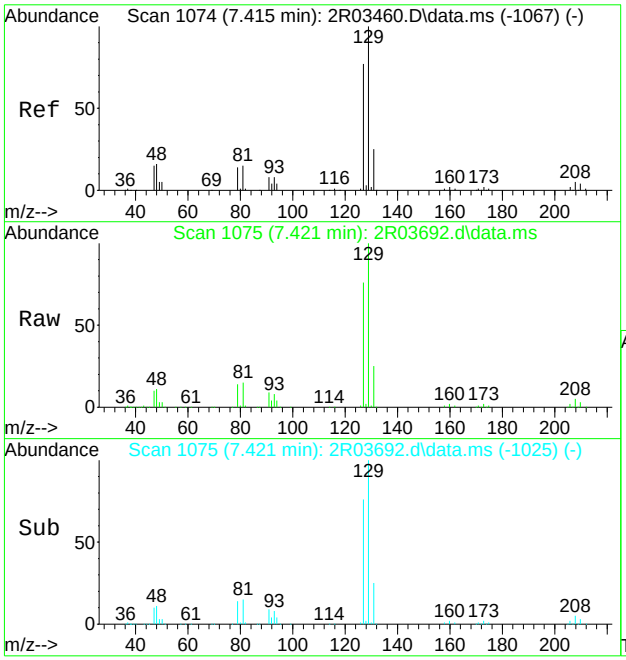


#82
butyl acetate
Concen: 36.7459 ug/L
RT: 7.354 min Scan# 1064
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 56 Resp: 235044

Ion	Ratio	Lower	Upper
56	100		
73	40.8	2.0	62.0
43	206.4	222.2	282.2#

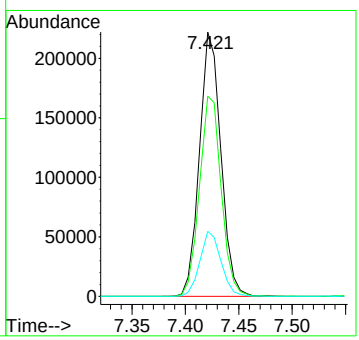


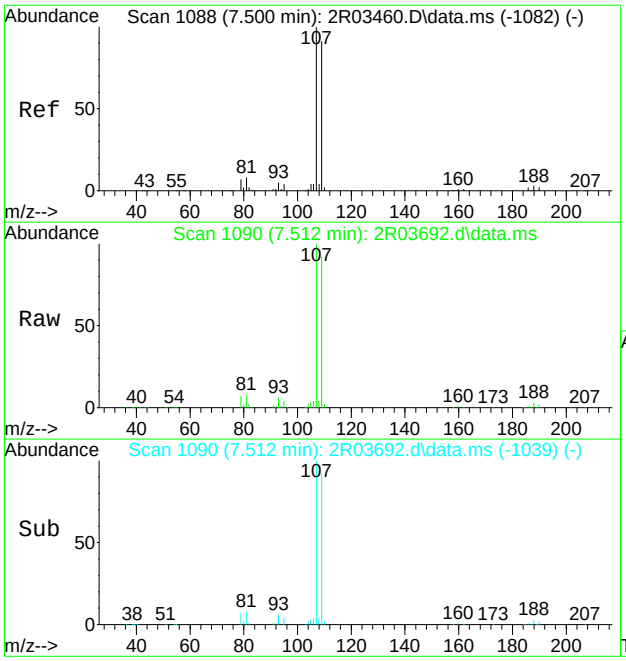


#83
dibromochloromethane
Concen: 52.3485 ug/L
RT: 7.421 min Scan# 1075
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:129 Resp: 309924

Ion	Ratio	Lower	Upper
129	100		
127	75.7	46.9	106.9
131	24.6	0.0	55.7

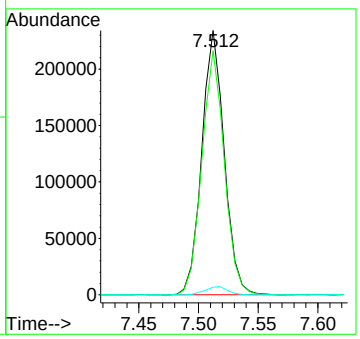


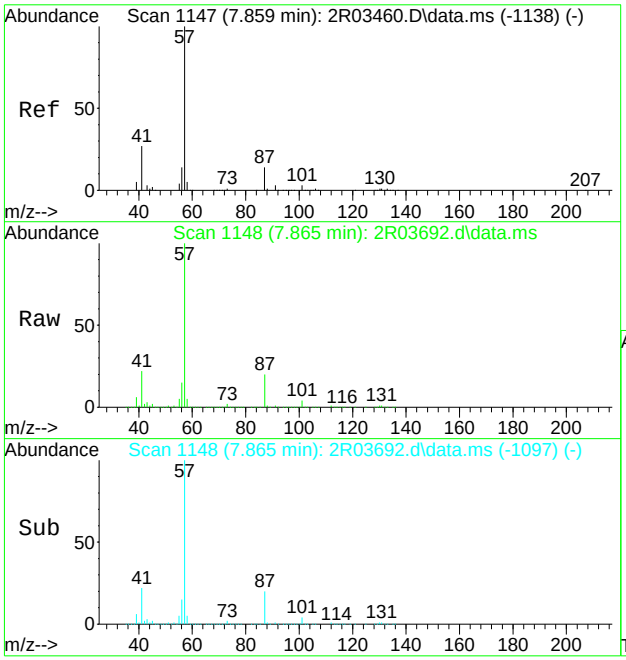


#84
1,2-dibromoethane
Concen: 52.3836 ug/L
RT: 7.512 min Scan# 1090
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:107 Resp: 304741

Ion	Ratio	Lower	Upper
107	100		
109	92.3	66.2	126.2
188	2.9	0.0	33.2

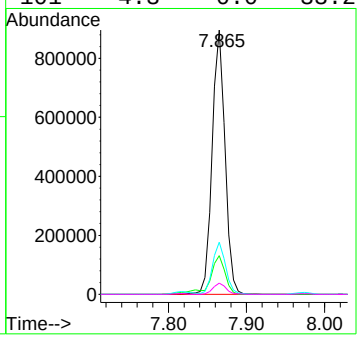


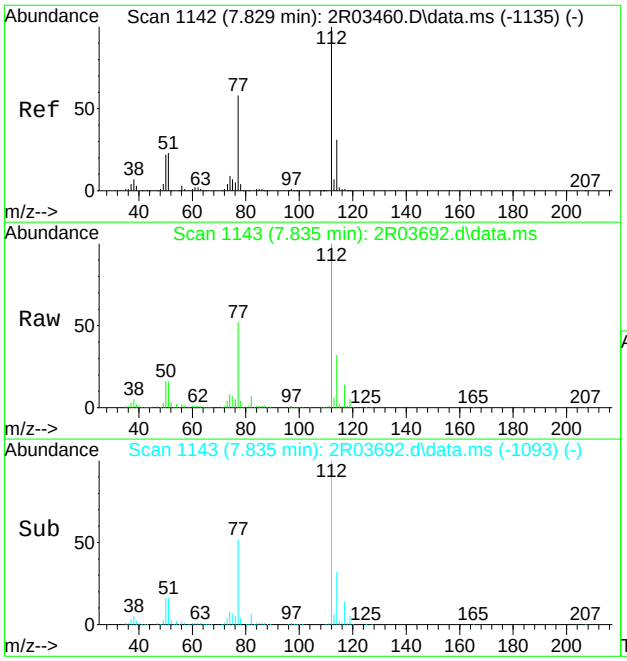


#85
n-butyl ether
Concen: 35.8757 ug/L
RT: 7.865 min Scan# 1148
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 57 Resp: 1024940

Ion	Ratio	Lower	Upper
57	100		
56	14.6	0.0	35.1
87	19.7	0.0	44.2
101	4.3	0.0	33.2

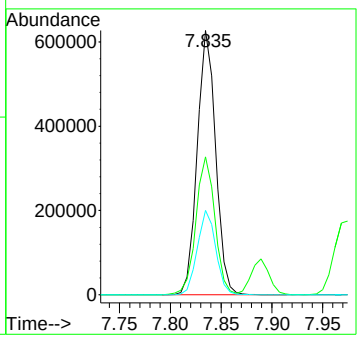


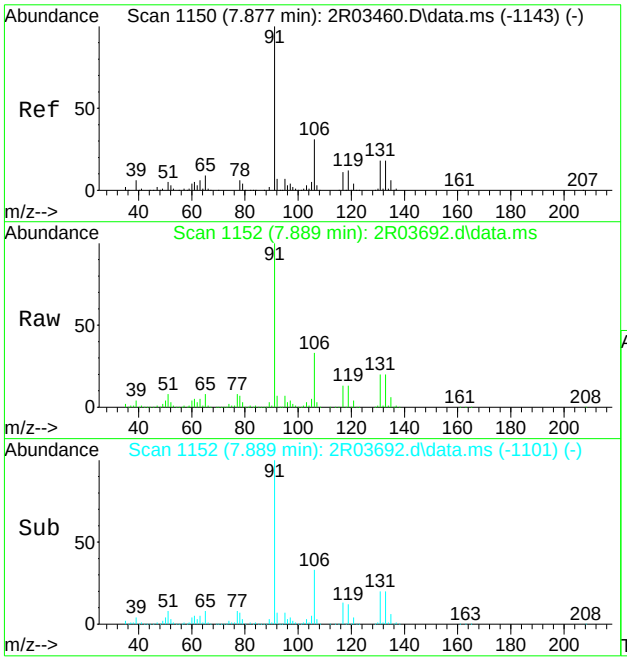


#86
chlorobenzene
Concen: 49.2006 ug/L
RT: 7.835 min Scan# 1143
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:112 Resp: 791765

Ion	Ratio	Lower	Upper
112	100		
77	52.1	28.0	88.0
114	31.9	2.3	62.3

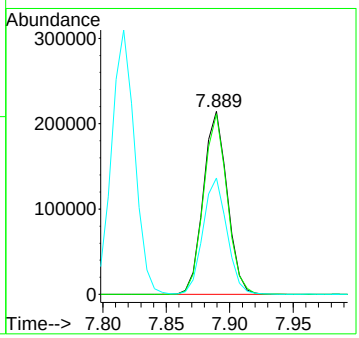


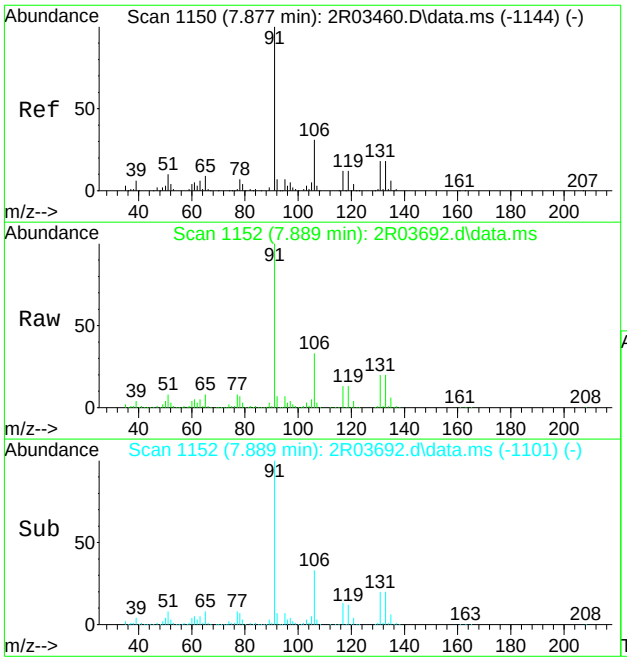


#87
1,1,1,2-tetrachloroethane
Concen: 51.1683 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:131 Resp: 281210

Ion	Ratio	Lower	Upper
131	100		
133	98.6	66.2	126.2
119	63.5	34.9	94.9

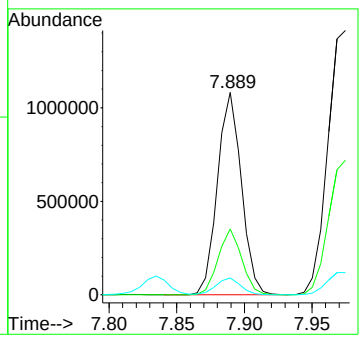


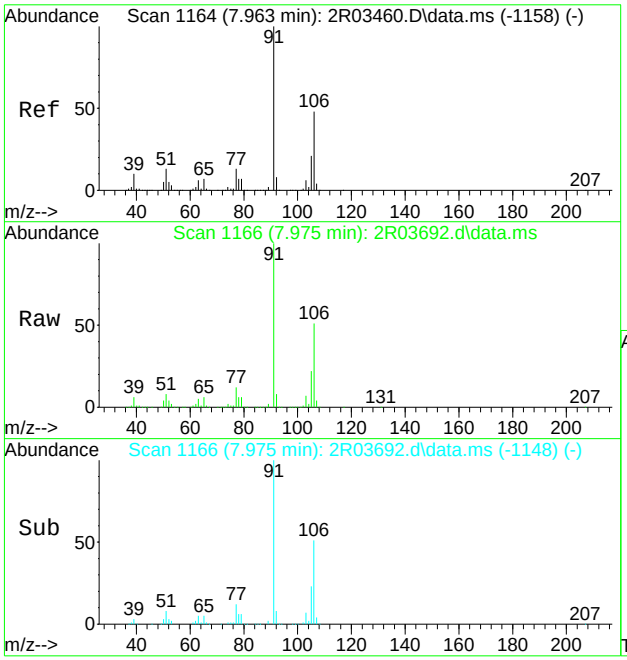


#88
ethylbenzene
Concen: 48.0227 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 91 Resp: 1334106

Ion	Ratio	Lower	Upper
91	100		
106	32.5	0.3	60.3
51	8.3	0.0	42.7

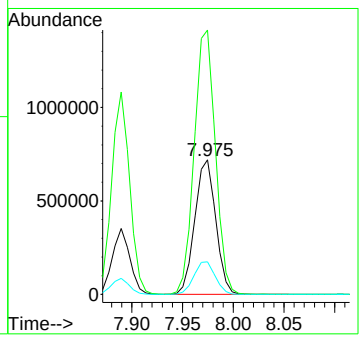


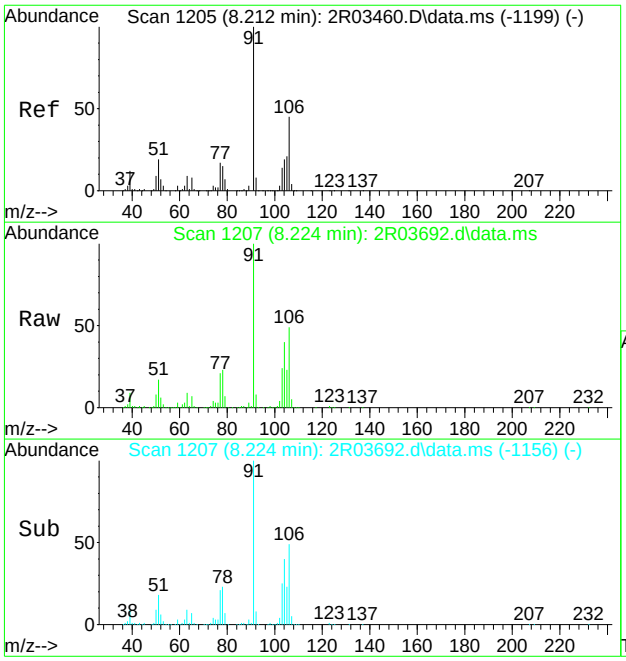


#89
m,p-xylene
Concen: 98.8519 ug/L
RT: 7.975 min Scan# 1166
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:106 Resp: 1032696

Ion	Ratio	Lower	Upper
106	100		
91	196.4	181.2	241.2
77	24.2	0.0	57.8

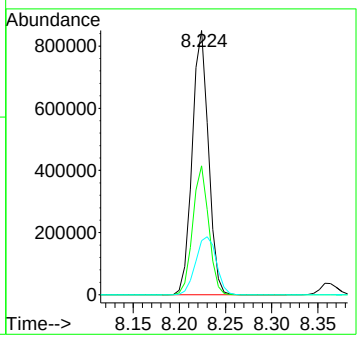


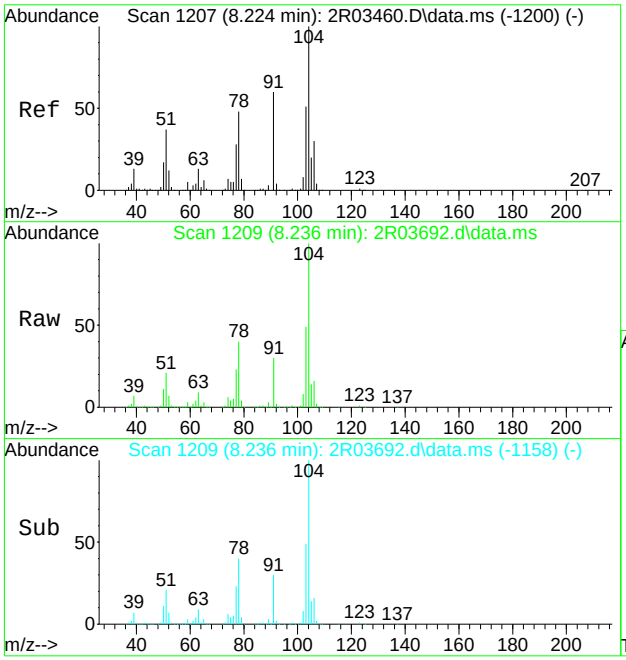


#90
o-xylene
Concen: 47.7522 ug/L
RT: 8.224 min Scan# 1207
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 91 Resp: 1043959

Ion	Ratio	Lower	Upper
91	100		
106	48.8	16.3	76.3
77	20.5	0.0	47.2

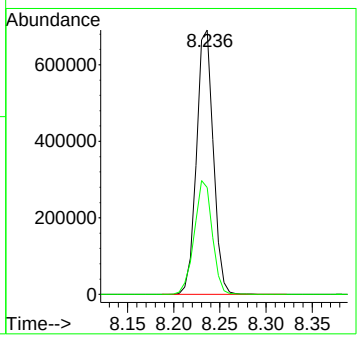


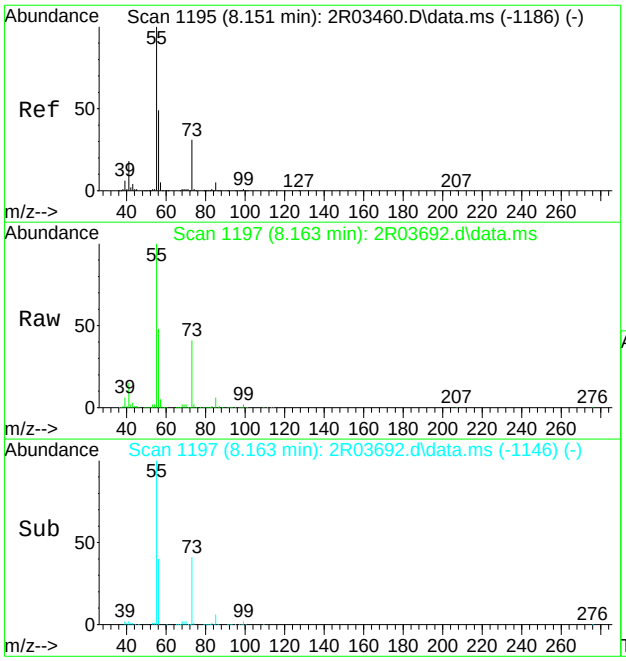


#91
styrene
Concen: 52.0098 ug/L
RT: 8.236 min Scan# 1209
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:104 Resp: 873693

Ion	Ratio	Lower	Upper
104	100		
78	40.4	16.0	76.0

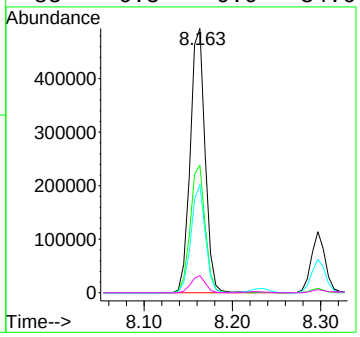


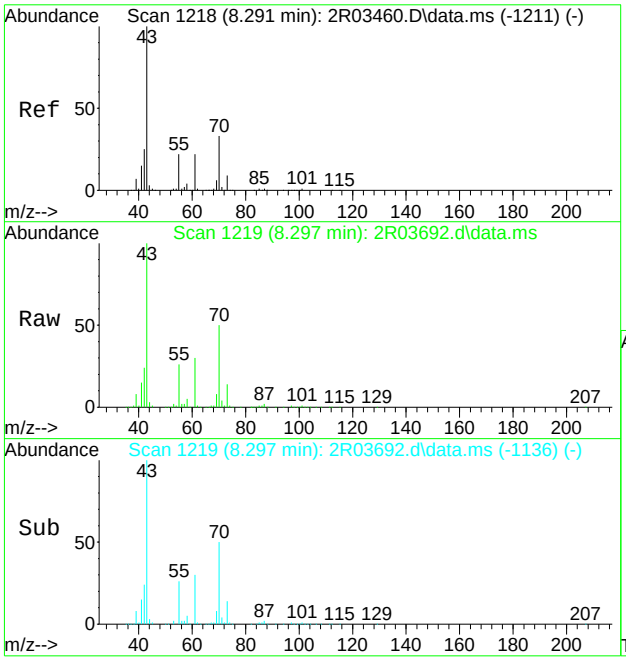


#92
butyl acrylate
Concen: 38.5863 ug/L
RT: 8.163 min Scan# 1197
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 55 Resp: 580822

Ion	Ratio	Lower	Upper
55	100		
56	48.2	29.2	69.2
73	40.9	11.6	51.6
85	6.5	0.0	34.6

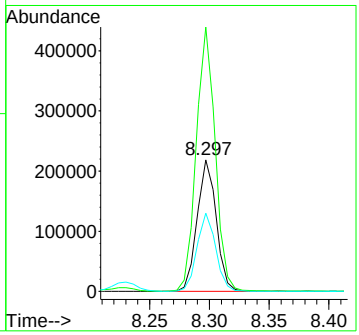


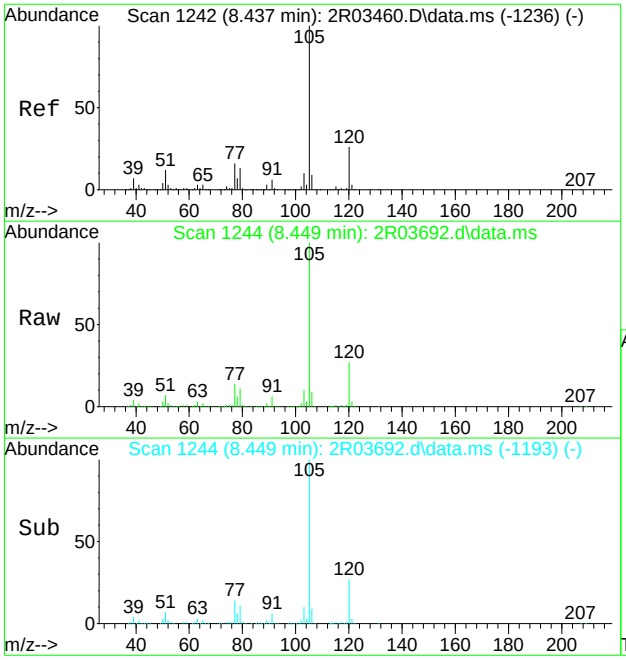


#93
n-amyl acetate
Concen: 46.5063 ug/L
RT: 8.297 min Scan# 1219
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 70 Resp: 242609

Ion	Ratio	Lower	Upper
70	100		
43	200.8	277.6	337.6#
61	59.5	38.3	98.3

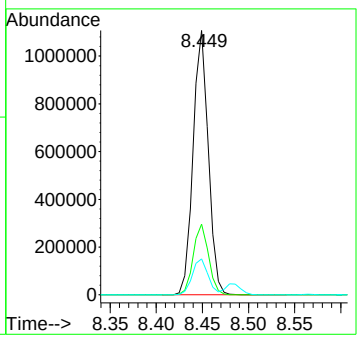


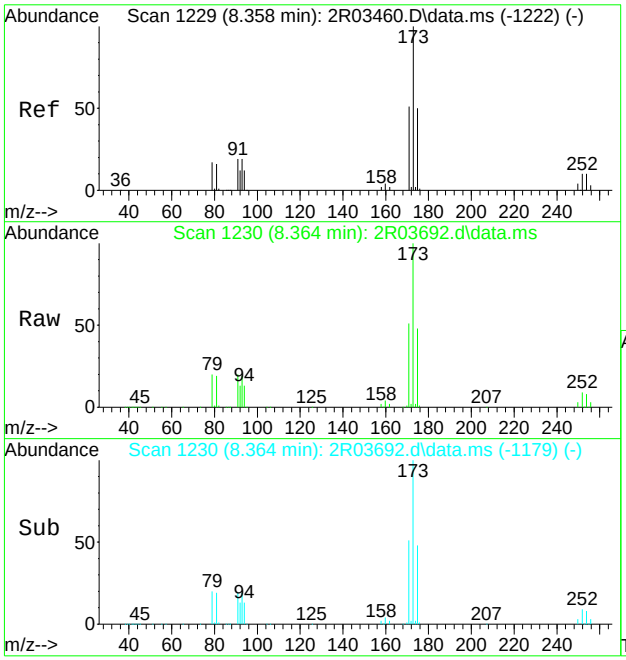


#94
isopropylbenzene
Concen: 48.8727 ug/L
RT: 8.449 min Scan# 1244
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:105 Resp: 1268570

Ion	Ratio	Lower	Upper
105	100		
120	26.7	5.6	45.6
77	13.6	0.0	35.3

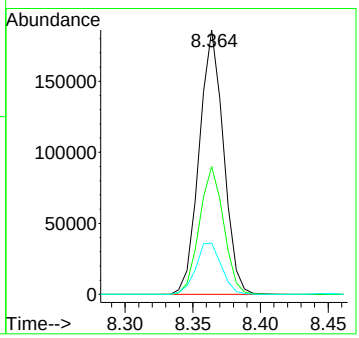


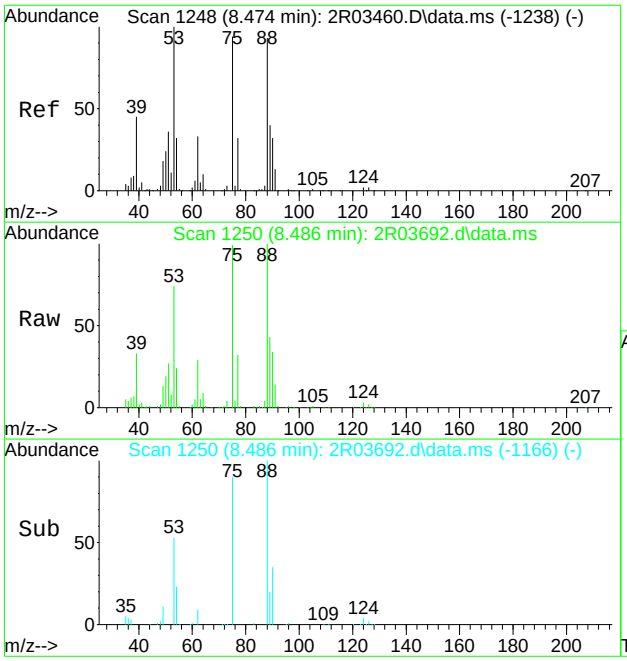


#95
bromoform
Concen: 53.4823 ug/L
RT: 8.364 min Scan# 1230
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:173 Resp: 232226

Ion	Ratio	Lower	Upper
173	100		
175	48.4	18.1	78.1
93	19.4	0.0	52.4

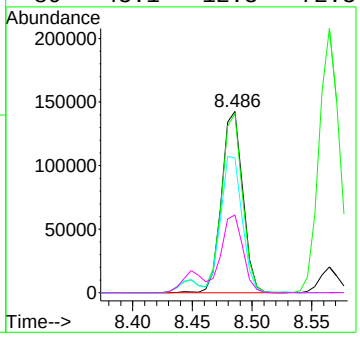


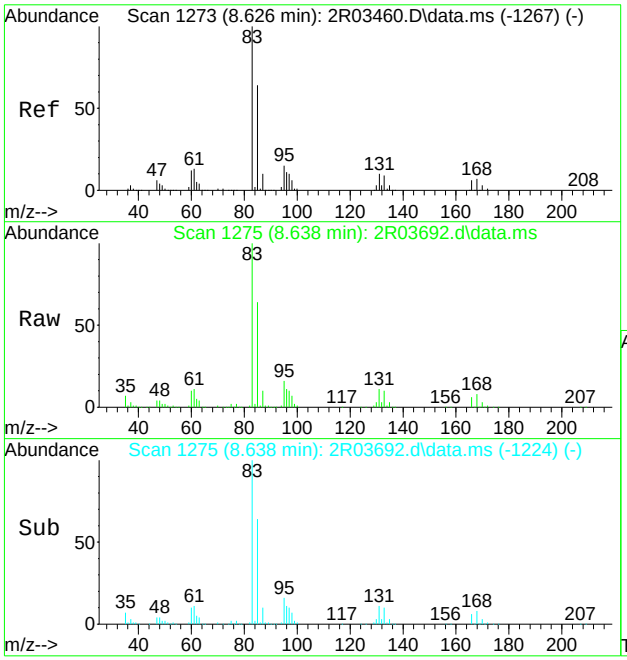


#96
cis-1,4-dichloro-2-butene
Concen: 47.9110 ug/L
RT: 8.486 min Scan# 1250
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 88 Resp: 175875

Ion	Ratio	Lower	Upper
88	100		
75	98.9	78.1	118.1
53	74.2	90.3	130.3#
89	43.1	12.3	72.3

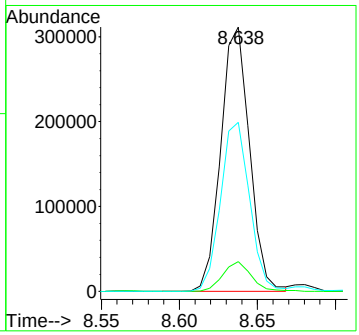


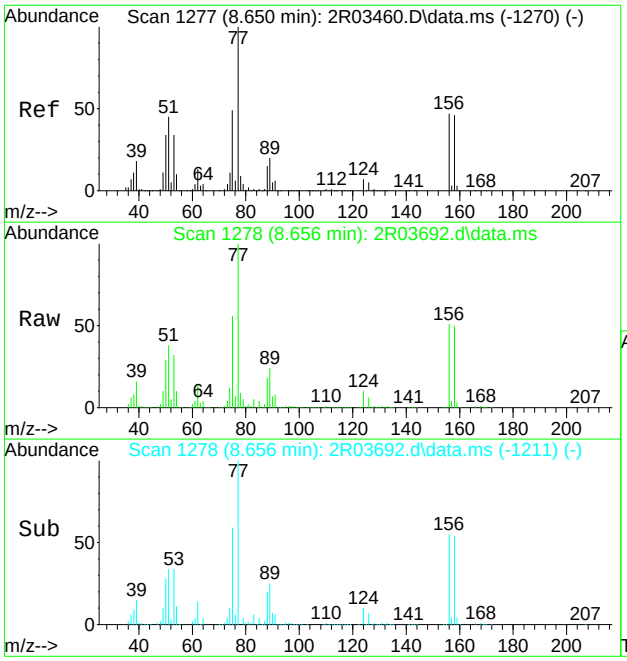


#99
1,1,2,2-tetrachloroethane
Concen: 49.3114 ug/L
RT: 8.638 min Scan# 1275
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 83 Resp: 398141

Ion	Ratio	Lower	Upper
83	100		
131	11.2	0.0	39.2
85	63.9	32.4	92.4

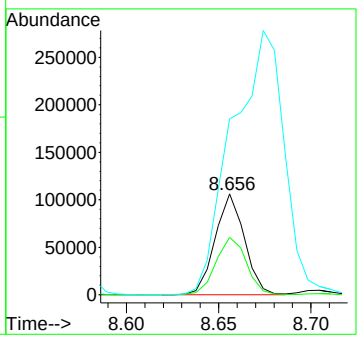


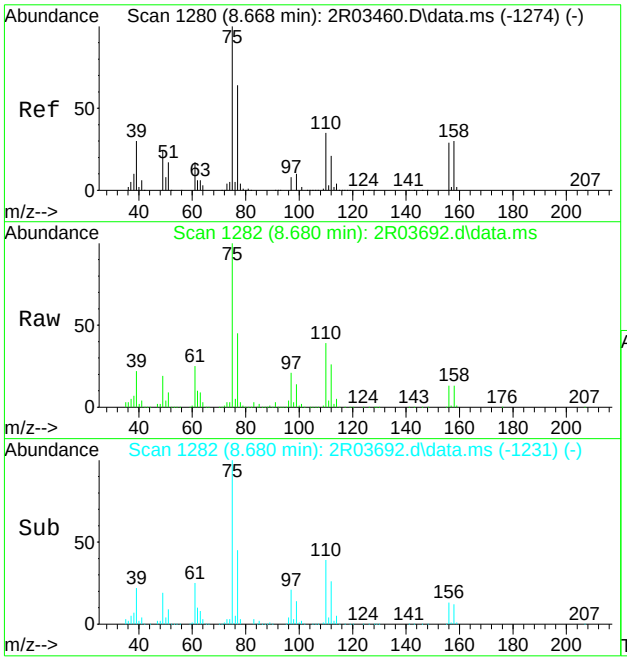


#100
trans-1,4-dichloro-2-butene
Concen: 34.9733 ug/L
RT: 8.656 min Scan# 1278
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 53 Resp: 117966

Ion	Ratio	Lower	Upper
53	100		
88	56.9	13.5	73.5
75	174.3	120.7	180.7

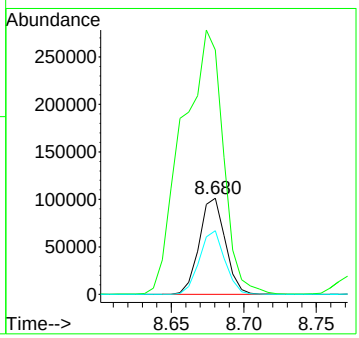


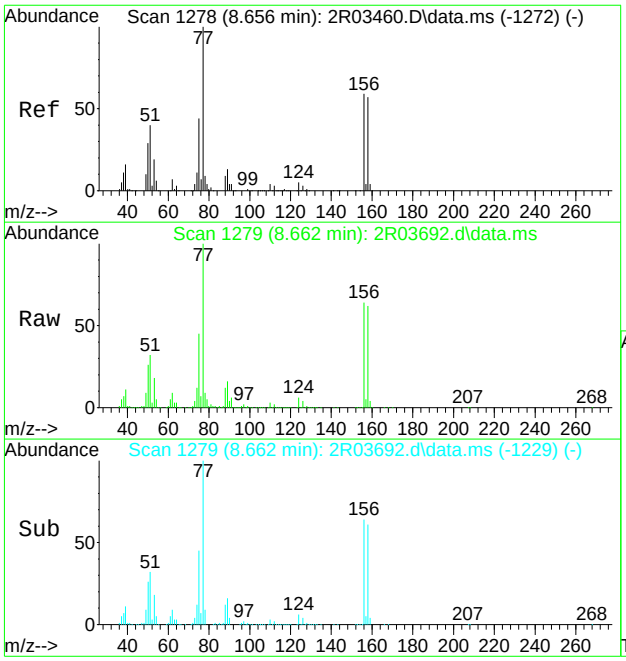


#101
1,2,3-trichloropropane
Concen: 50.4995 ug/L
RT: 8.680 min Scan# 1282
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:110 Resp: 126571

Ion	Ratio	Lower	Upper
110	100		
75	253.7	265.5	325.5#
112	66.2	35.9	95.9

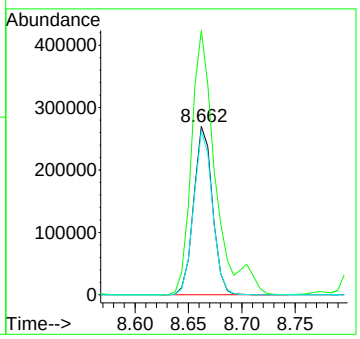


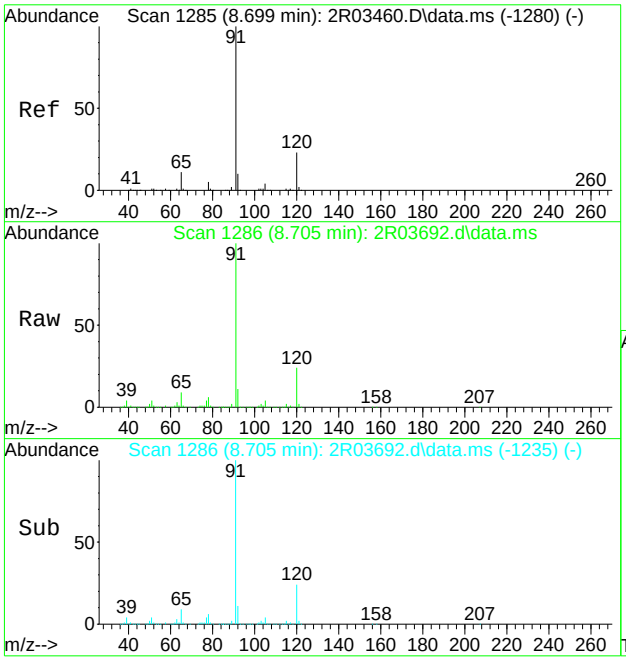


#102
bromobenzene
Concen: 50.7279 ug/L
RT: 8.662 min Scan# 1279
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:156 Resp: 330291

Ion	Ratio	Lower	Upper
156	100		
77	157.0	141.2	201.2
158	97.3	68.7	128.7

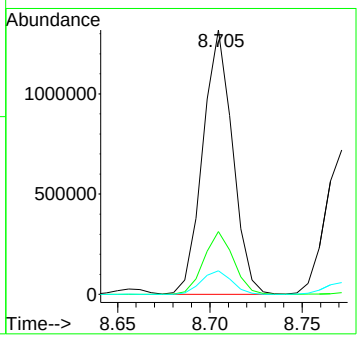


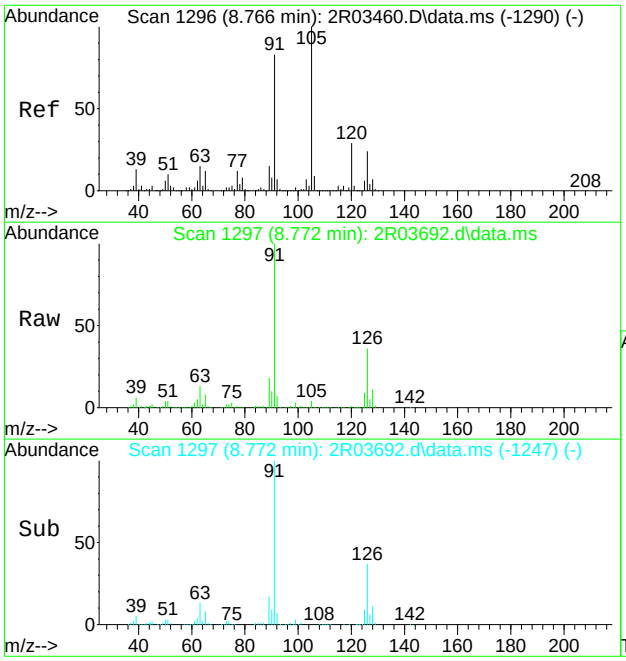


#103
n-propylbenzene
Concen: 47.6829 ug/L
RT: 8.705 min Scan# 1286
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 91 Resp: 1481063

Ion	Ratio	Lower	Upper
91	100		
120	23.8	0.0	51.3
65	8.9	0.0	40.9

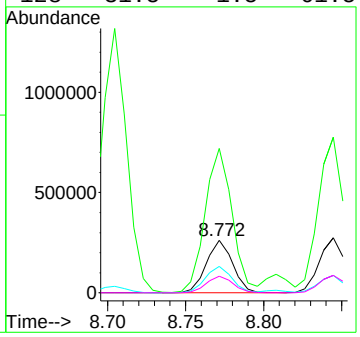


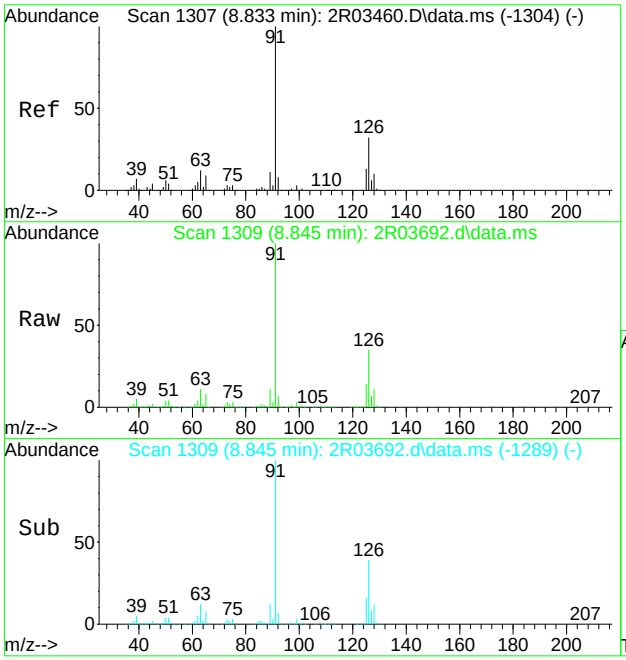


#104
2-chlorotoluene
Concen: 51.9997 ug/L
RT: 8.772 min Scan# 1297
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:126 Resp: 306209

Ion	Ratio	Lower	Upper
126	100		
91	274.6	262.0	322.0
89	50.2	23.0	83.0
128	31.5	1.5	61.5

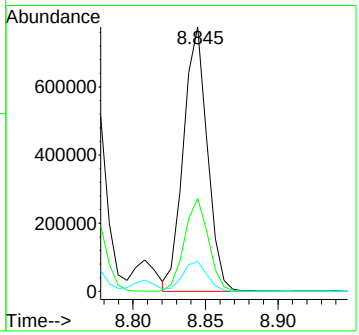


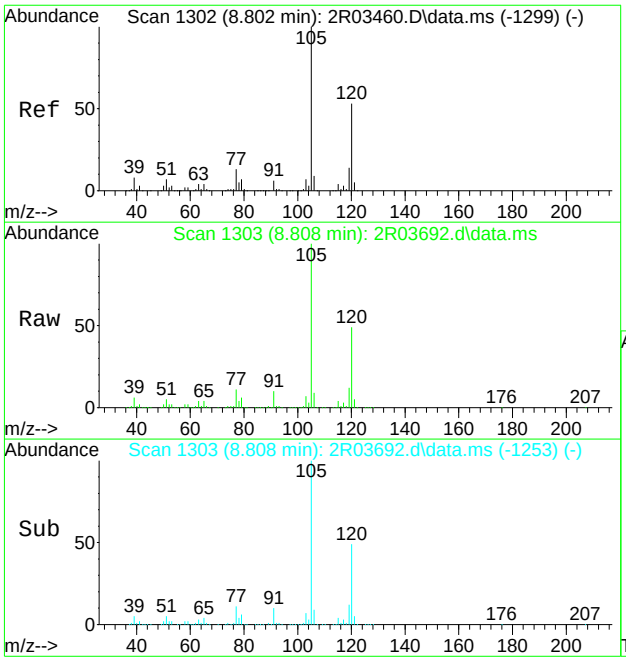


#105
4-chlorotoluene
Concen: 48.3766 ug/L
RT: 8.845 min Scan# 1309
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 91 Resp: 886805

Ion	Ratio	Lower	Upper
91	100		
126	35.2	1.2	61.2
63	11.4	0.0	43.1

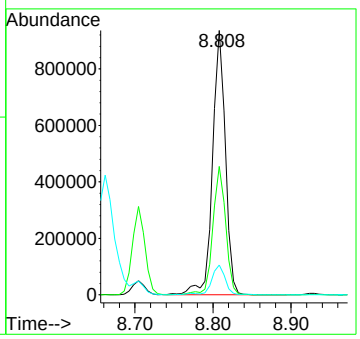


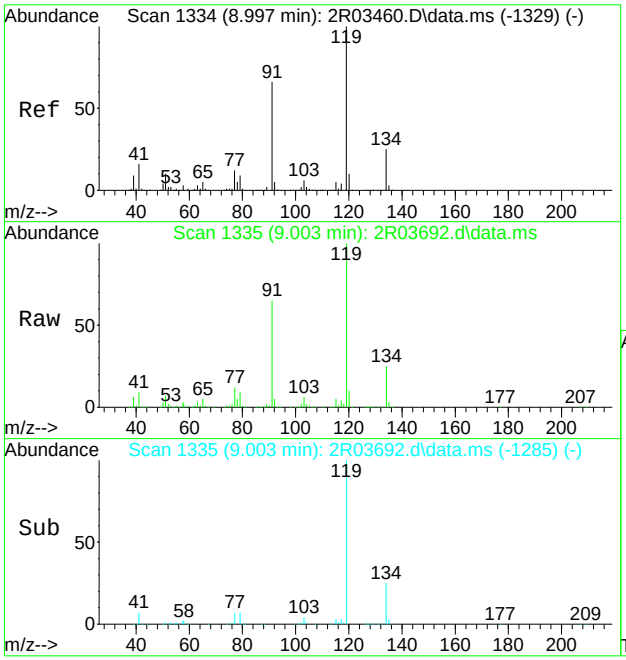


#106
1,3,5-trimethylbenzene
Concen: 51.2949 ug/L
RT: 8.808 min Scan# 1303
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:105 Resp: 1066795

Ion	Ratio	Lower	Upper
105	100		
120	48.5	18.9	78.9
77	11.3	0.0	42.1

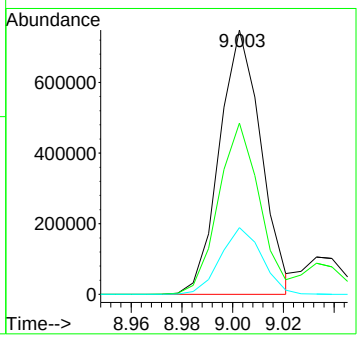


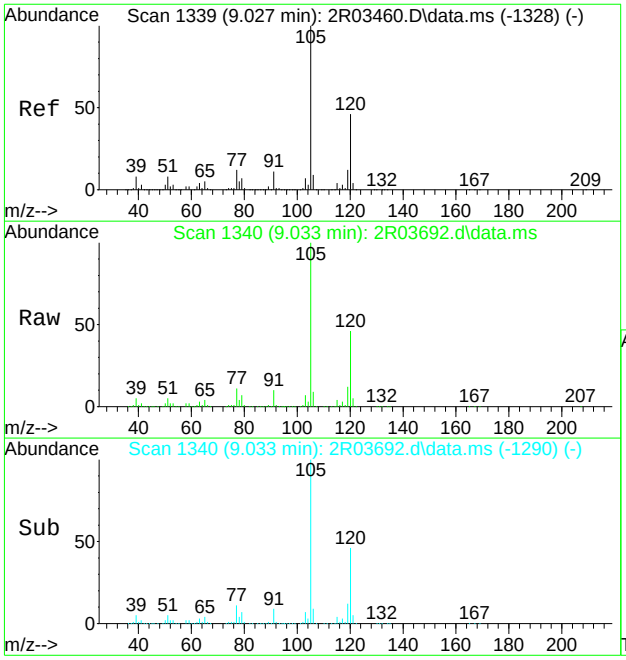


#107
tert-butylbenzene
Concen: 47.4808 ug/L
RT: 9.003 min Scan# 1335
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:119 Resp: 850276

Ion	Ratio	Lower	Upper
119	100		
91	64.7	34.3	94.3
134	25.3	0.0	54.7

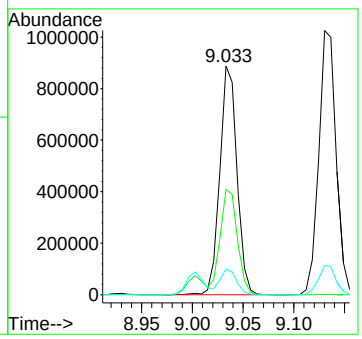


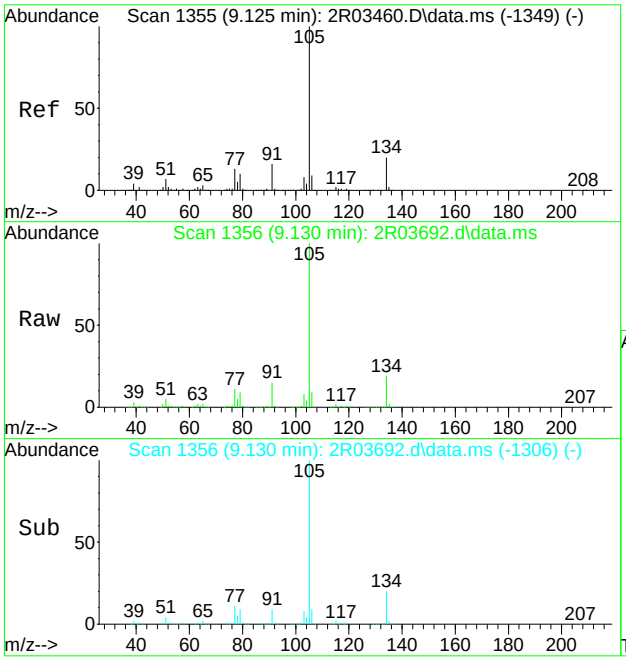


#108
1,2,4-trimethylbenzene
Concen: 48.9245 ug/L
RT: 9.033 min Scan# 1340
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:105 Resp: 1045637

Ion	Ratio	Lower	Upper
105	100		
120	46.1	14.9	74.9
77	11.3	0.0	42.4

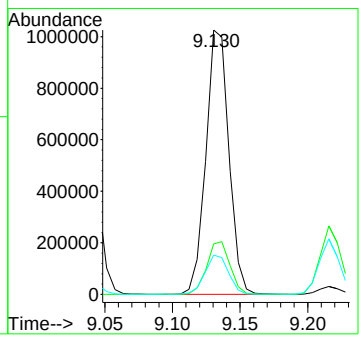


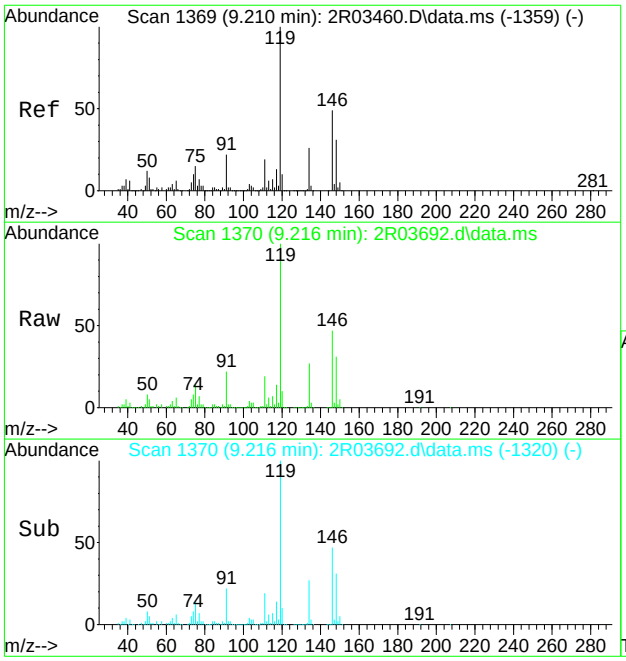


#109
sec-butylbenzene
Concen: 46.6245 ug/L
RT: 9.130 min Scan# 1356
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:105 Resp: 1214351

Ion	Ratio	Lower	Upper
105	100		
134	19.1	0.0	49.7
91	14.8	0.0	45.6

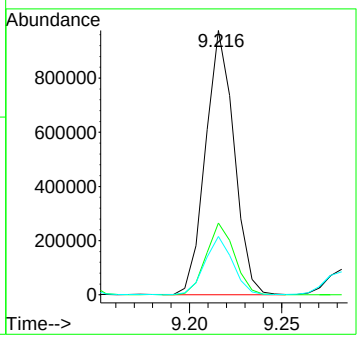


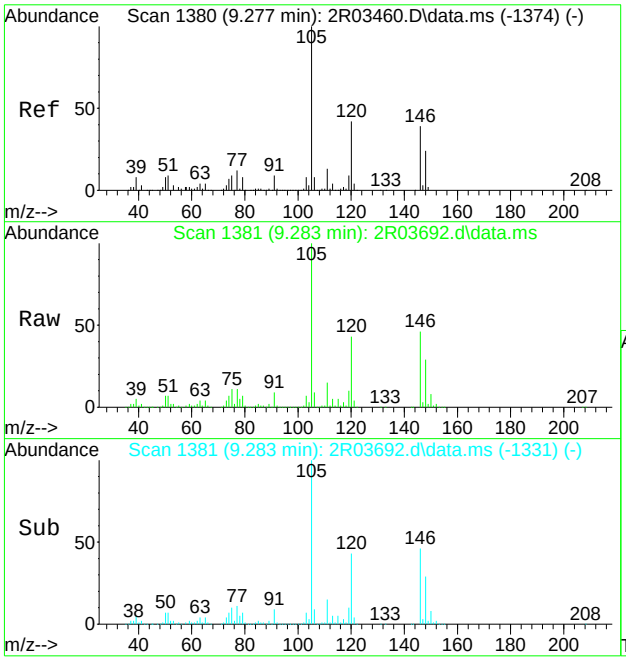


#110
p-isopropyltoluene
Concen: 49.1273 ug/L
RT: 9.216 min Scan# 1370
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:119 Resp: 1051103

Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	56.8
91	22.1	0.0	53.0

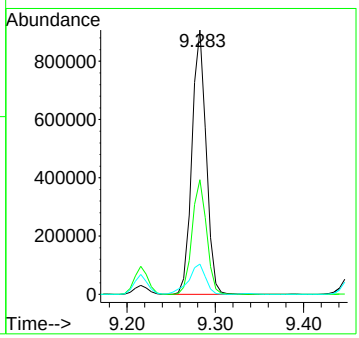


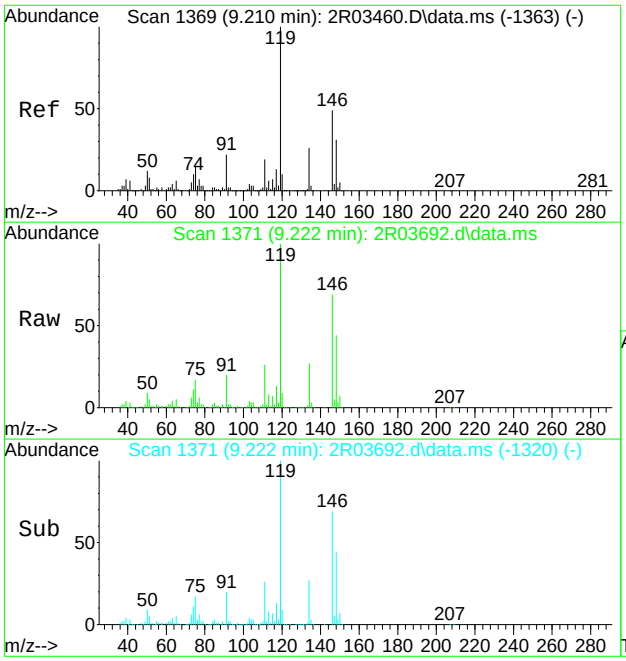


#111
1,2,3-trimethylbenzene
Concen: 47.5761 ug/L
RT: 9.283 min Scan# 1381
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:105 Resp: 1018610

Ion	Ratio	Lower	Upper
105	100		
120	43.3	12.2	72.2
77	11.4	0.0	41.9

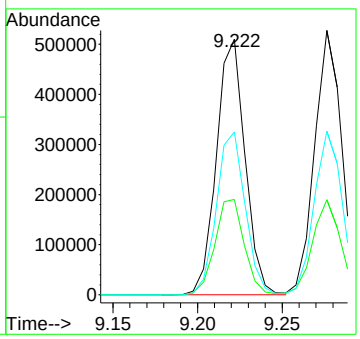


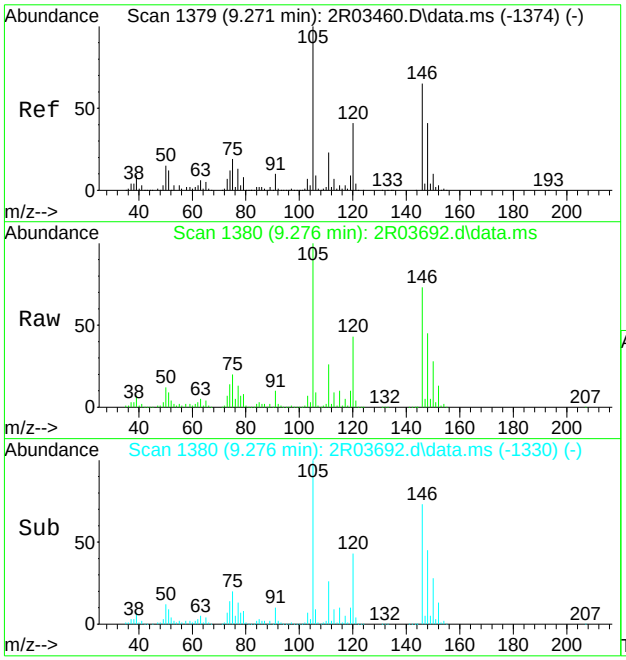


#112
1,3-dichlorobenzene
Concen: 49.6265 ug/L
RT: 9.222 min Scan# 1371
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:146 Resp: 600656

Ion	Ratio	Lower	Upper
146	100		
111	37.3	9.5	69.5
148	63.7	34.1	94.1

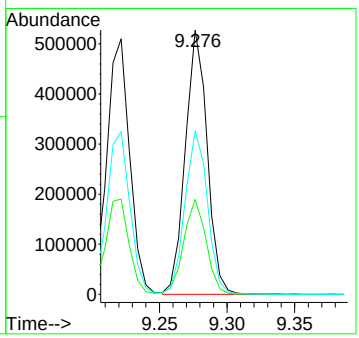


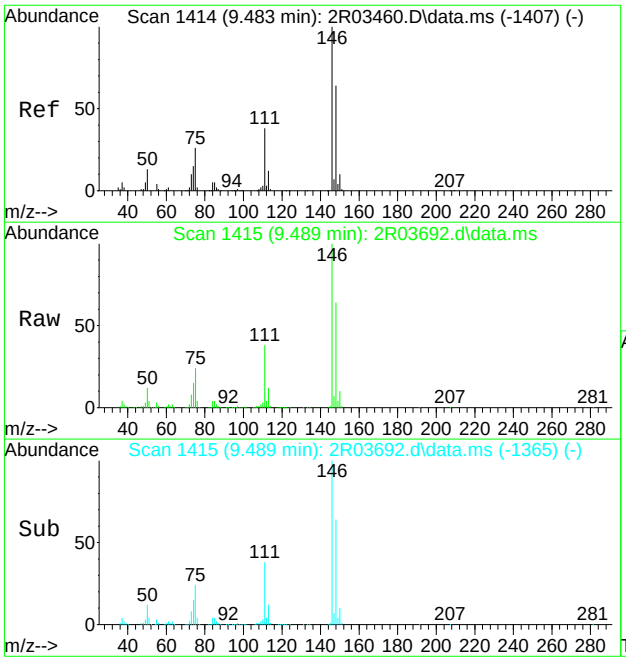


#113
1,4-dichlorobenzene
Concen: 49.7440 ug/L
RT: 9.276 min Scan# 1380
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:146 Resp: 592310

Ion	Ratio	Lower	Upper
146	100		
111	35.9	5.6	65.6
148	62.0	34.8	94.8

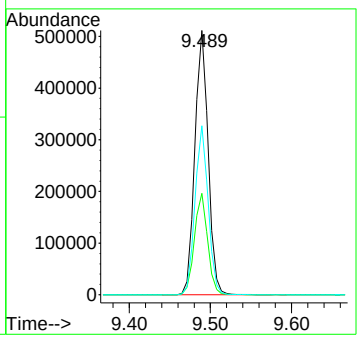


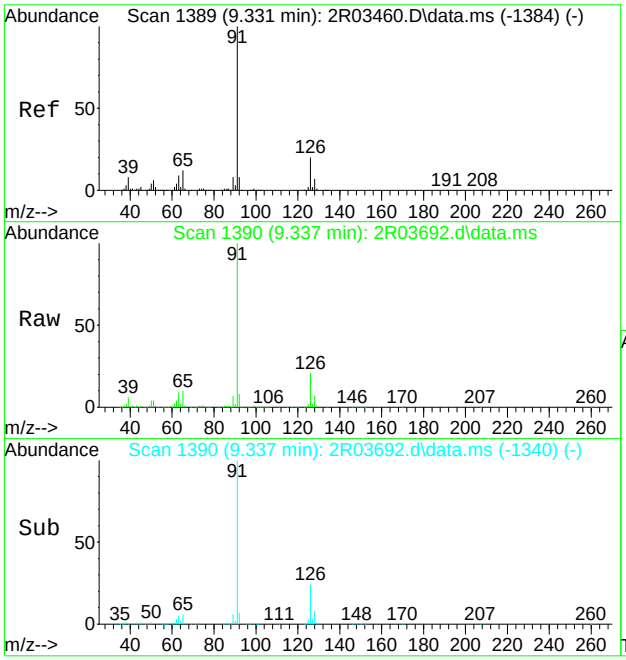


#114
1,2-dichlorobenzene
Concen: 50.9524 ug/L
RT: 9.489 min Scan# 1415
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:146 Resp: 580616

Ion	Ratio	Lower	Upper
146	100		
111	38.4	8.3	68.3
148	64.0	34.1	94.1

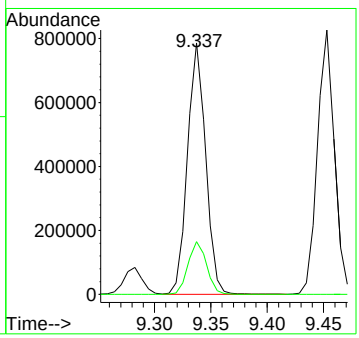


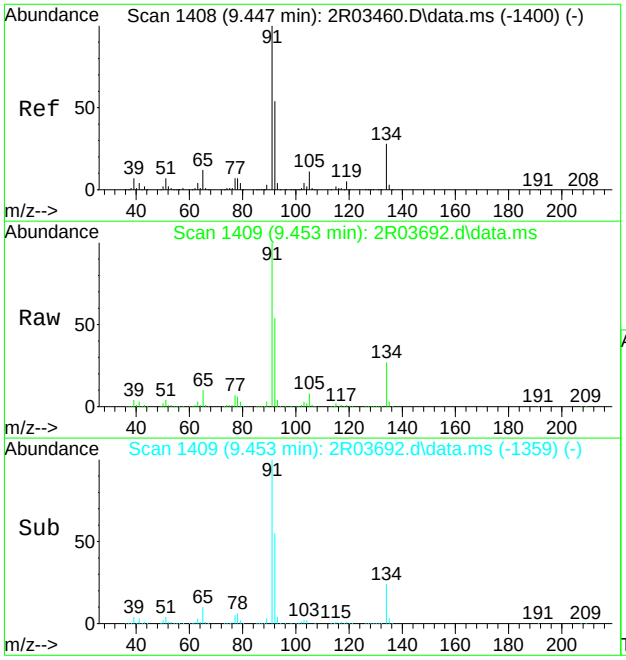


#115
benzyl chloride
Concen: 55.9514 ug/L
RT: 9.337 min Scan# 1390
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 91 Resp: 880517

Ion	Ratio	Lower	Upper
91	100		
126	21.0	0.0	50.7

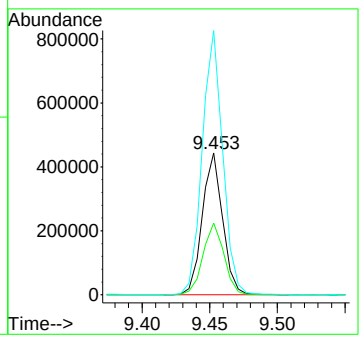


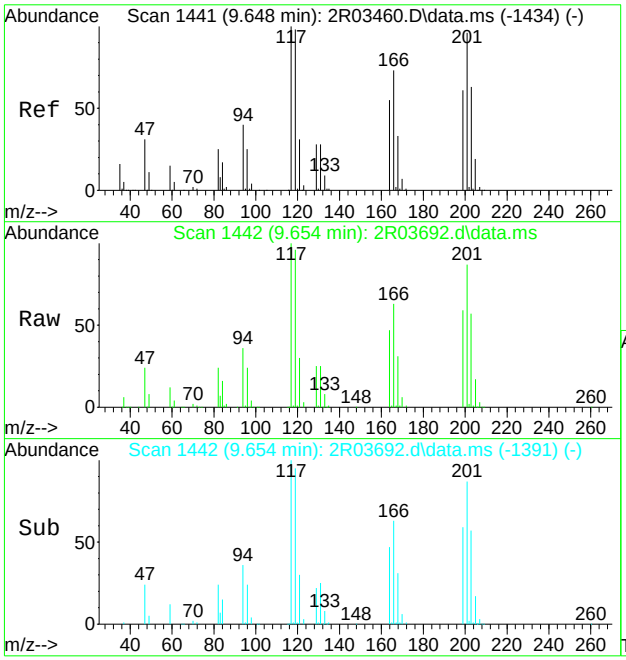


#116
n-butylbenzene
Concen: 45.8953 ug/L
RT: 9.453 min Scan# 1409
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 92 Resp: 464125

Ion	Ratio	Lower	Upper
92	100		
134	50.7	21.7	81.7
91	186.4	154.3	214.3

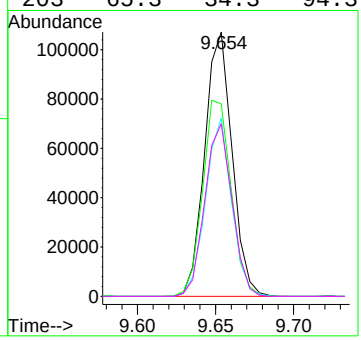


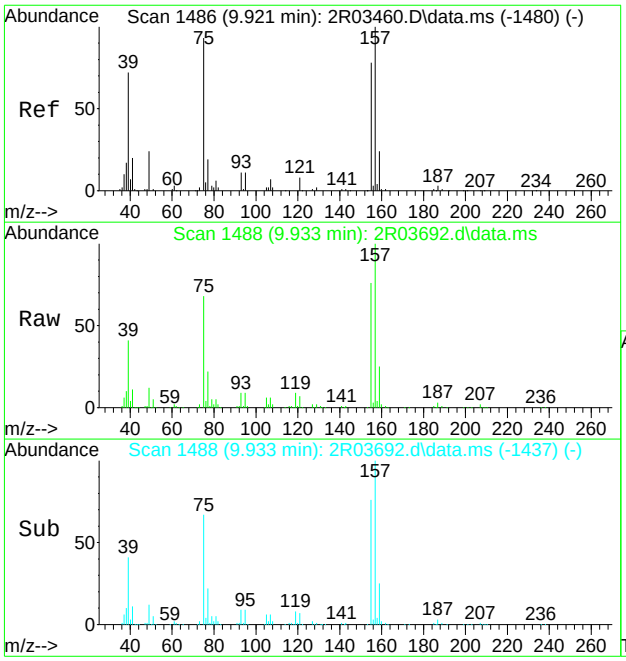


#117
hexachloroethane
Concen: 48.8394 ug/L
RT: 9.654 min Scan# 1442
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:201 Resp: 130302

Ion	Ratio	Lower	Upper
201	100		
166	72.8	46.2	106.2
199	67.4	32.2	92.2
203	65.3	34.3	94.3

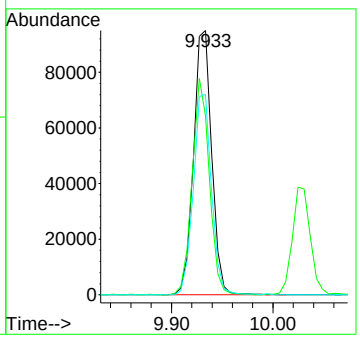


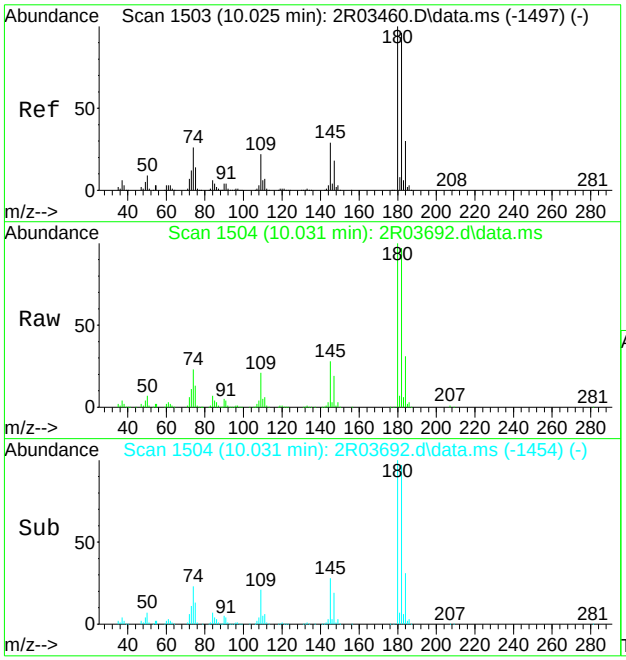


#118
1,2-dibromo-3-chloropropane
Concen: 57.4448 ug/L
RT: 9.933 min Scan# 1488
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:157 Resp: 117892

Ion	Ratio	Lower	Upper
157	100		
75	67.6	58.6	118.6
155	75.8	46.8	106.8

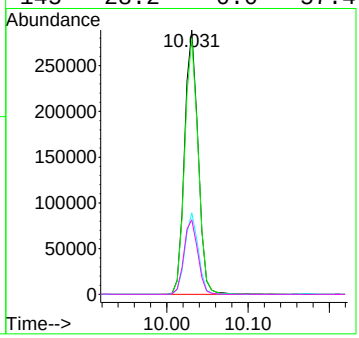


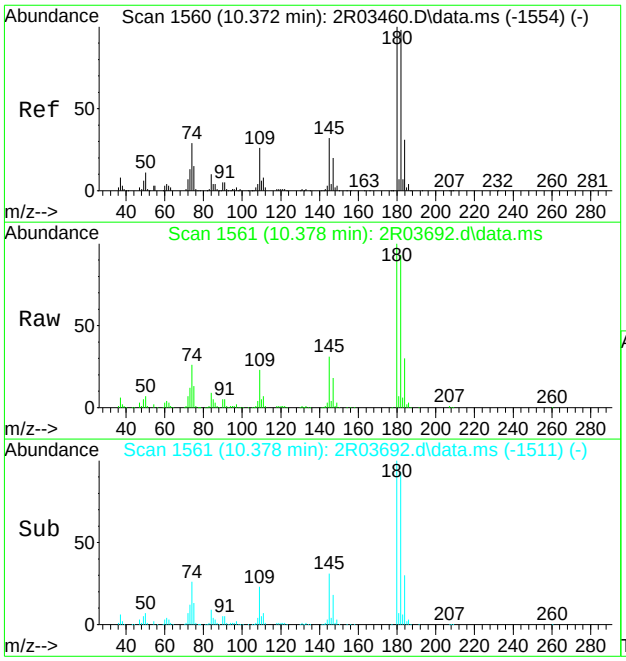


#119
1,3,5-trichlorobenzene
Concen: 45.2697 ug/L
RT: 10.031 min Scan# 1504
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:180 Resp: 334782

Ion	Ratio	Lower	Upper
180	100		
182	96.8	64.7	124.7
184	30.8	0.3	60.3
145	28.2	0.0	57.4

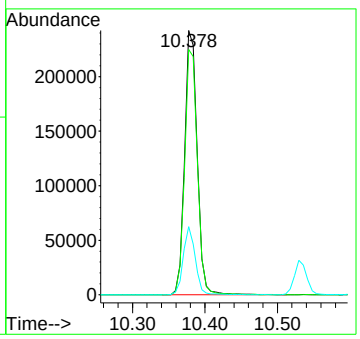


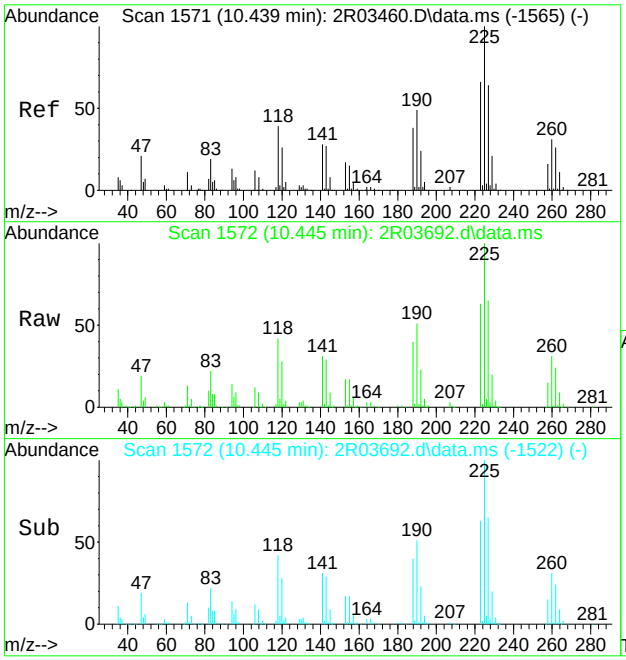


#120
1,2,4-trichlorobenzene
Concen: 51.5318 ug/L
RT: 10.378 min Scan# 1561
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:180 Resp: 290132

Ion	Ratio	Lower	Upper
180	100		
182	92.8	64.2	124.2
74	25.7	0.0	56.2

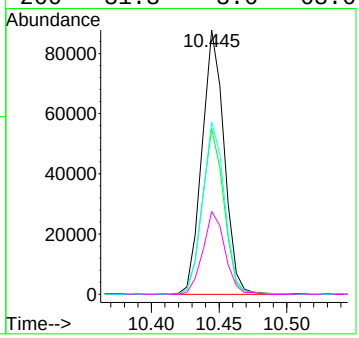


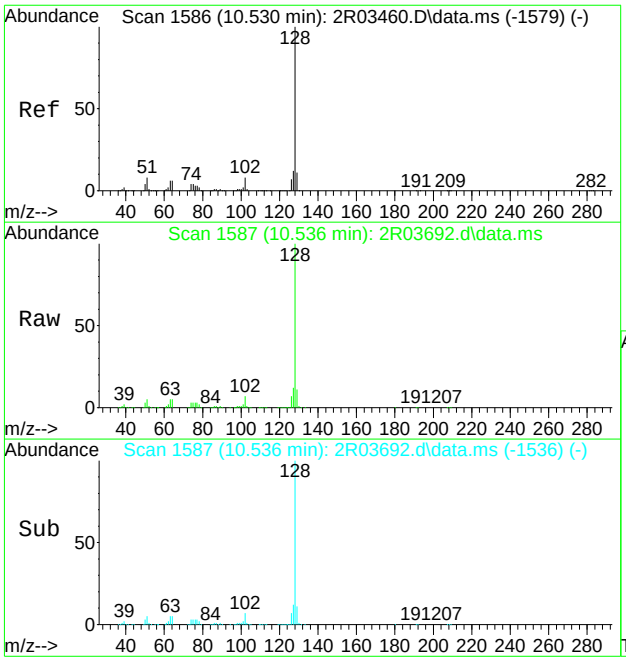


#121
hexachlorobutadiene
Concen: 39.6839 ug/L
RT: 10.445 min Scan# 1572
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:225 Resp: 100486

Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.7	92.7
227	65.2	34.8	94.8
260	31.3	3.6	63.6

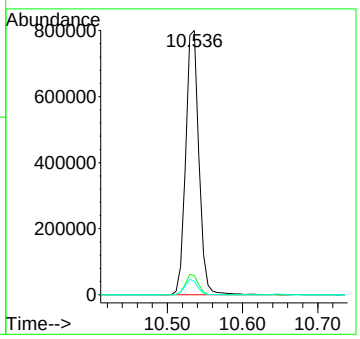


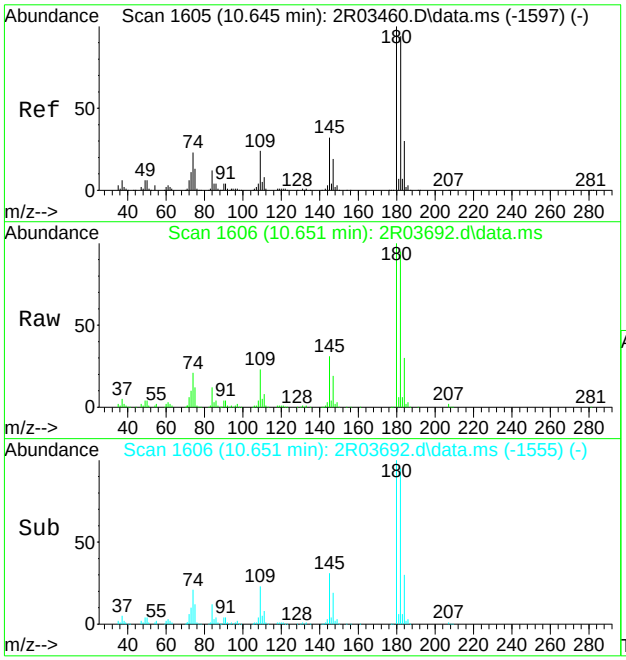


#122
naphthalene
Concen: 67.0693 ug/L
RT: 10.536 min Scan# 1587
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:128 Resp: 976524

Ion	Ratio	Lower	Upper
128	100		
102	7.4	0.0	38.9
51	5.1	0.0	39.2

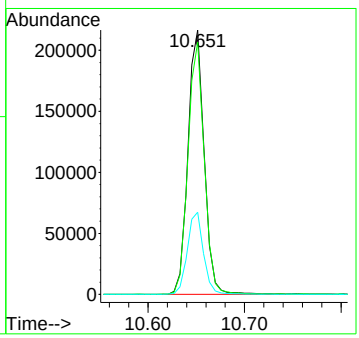


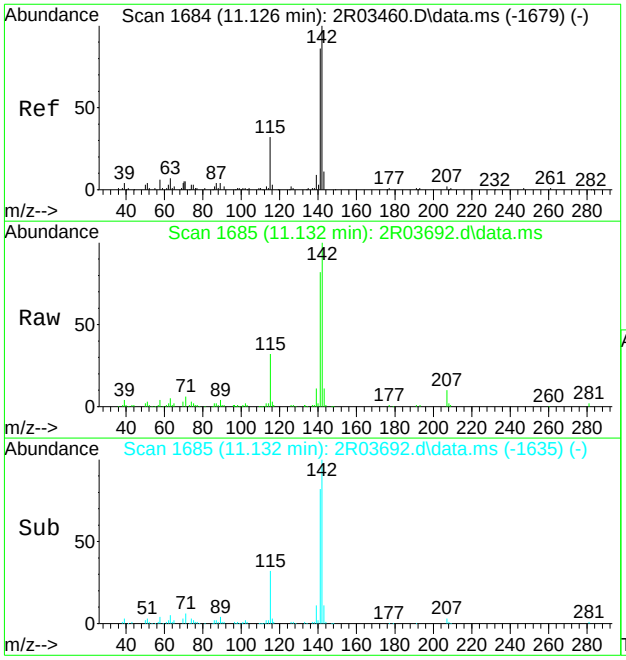


#123
1,2,3-trichlorobenzene
Concen: 62.5850 ug/L
RT: 10.651 min Scan# 1606
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:180 Resp: 252680

Ion	Ratio	Lower	Upper
180	100		
182	95.3	63.9	123.9
145	31.1	3.2	63.2

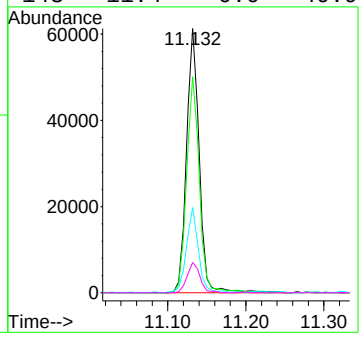


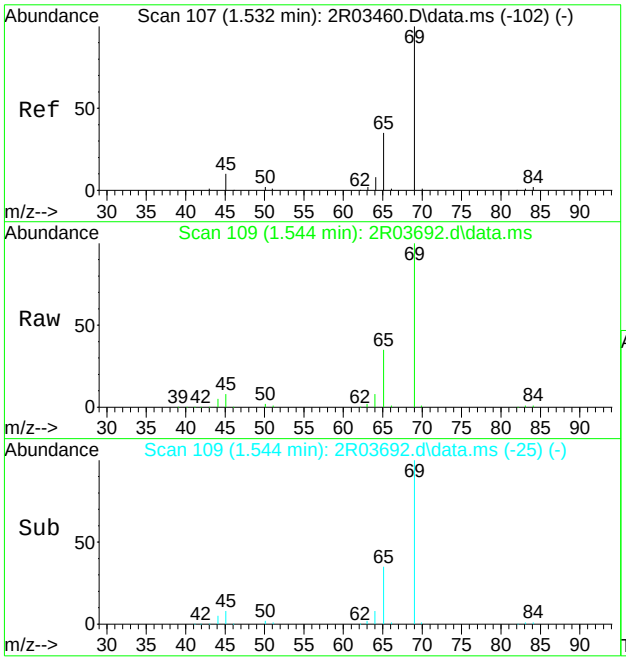


#124
2-methylnaphthalene
Concen: 67.5292 ug/L
RT: 11.132 min Scan# 1685
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:142 Resp: 70197

Ion	Ratio	Lower	Upper
142	100		
141	81.7	62.2	102.2
115	32.2	0.0	60.0
143	11.4	0.0	40.9

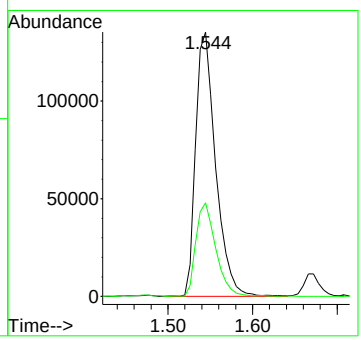


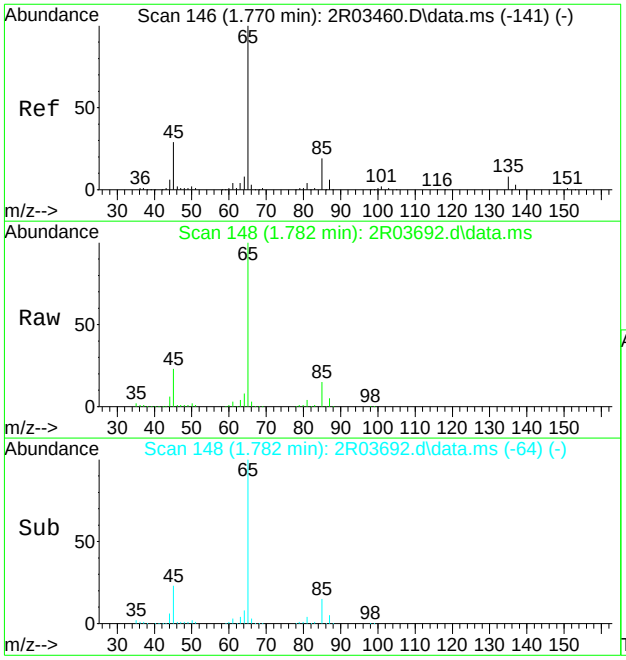


#126
Freon 143A
Concen: 53.7668 ug/L
RT: 1.544 min Scan# 109
Delta R.T. 0.012 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 69 Resp: 222672

Ion	Ratio	Lower	Upper
69	100		
65	35.4	5.6	65.6

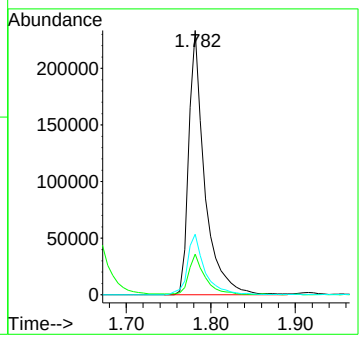


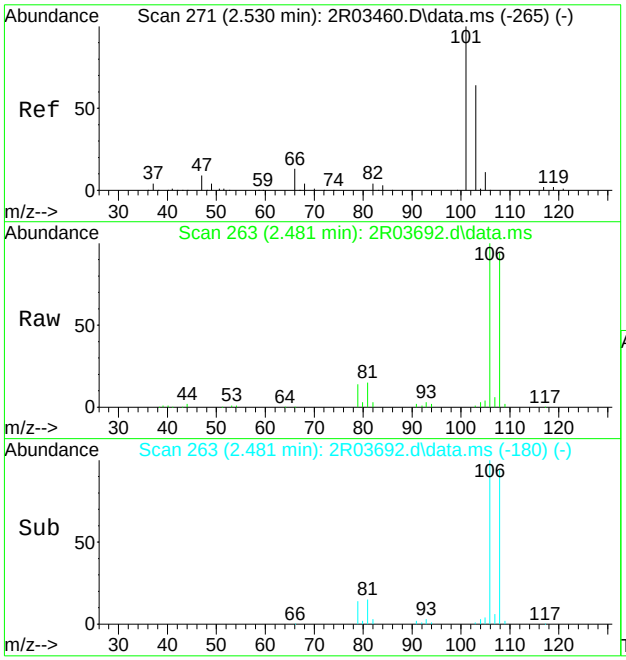


#128
Freon 142B
Concen: 50.3375 ug/L
RT: 1.782 min Scan# 148
Delta R.T. 0.013 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 65 Resp: 305577

Ion	Ratio	Lower	Upper
65	100		
85	15.2	0.0	59.9
45	22.9	0.0	59.9

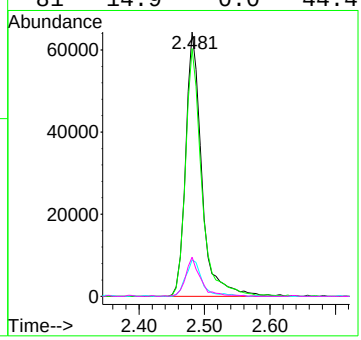


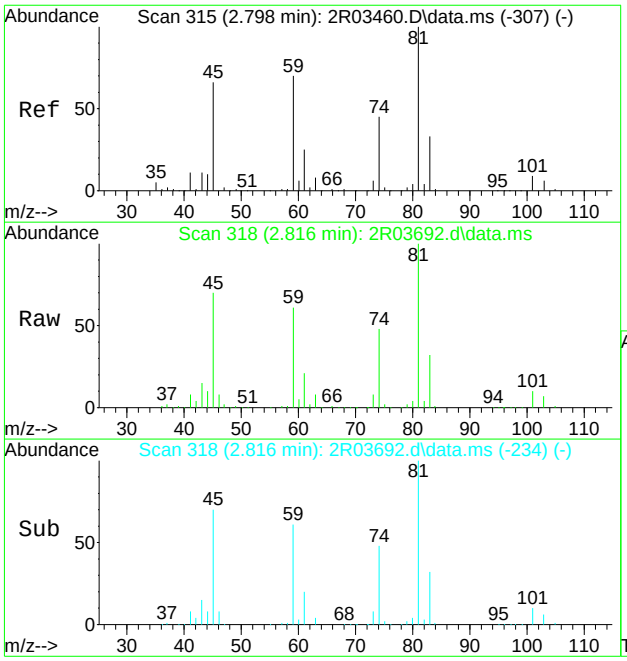


#129
vinyl bromide
Concen: 50.0864 ug/L
RT: 2.481 min Scan# 263
Delta R.T. 0.006 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion:106 Resp: 110317

Ion	Ratio	Lower	Upper
106	100		
108	93.7	64.1	124.1
79	13.8	0.0	44.9
81	14.9	0.0	44.4

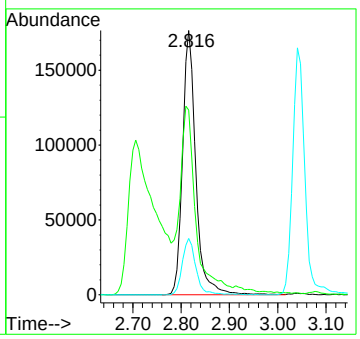




#130
Freon 141B
Concen: 48.7517 ug/L
RT: 2.816 min Scan# 318
Delta R.T. 0.013 min
Lab File: 2R03692.d
Acq: 23 May 2023 10:40 am

Tgt Ion: 81 Resp: 335305

Ion	Ratio	Lower	Upper
81	100		
45	69.1	0.2	60.2#
61	21.4	0.0	55.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5303.d
Acq On : 19 May 2023 4:42 pm
Operator : nickw
Sample : jd65823-1ms Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 22 13:12:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.431	65	347208	500.00	ug/L		0.00
5) pentafluorobenzene	3.810	168	344075	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	481383	50.00	ug/L		0.00
72) chlorobenzene-d5	6.663	117	437700	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.131	152	220932	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	148234	48.66	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 97.32%				
51) 1,2-dichloroethane-d4 (s)	3.837	65	190516	55.86	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 111.72%				
73) toluene-d8 (s)	5.472	98	546133	48.64	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.28%				
96) 4-bromofluorobenzene (s)	7.460	95	207786	49.33	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.66%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.479	59	259018	247.2590	ug/L		90
4) 1,4-dioxane	4.901	88	80063	1059.1502	ug/L		90
6) chlorodifluoromethane	1.042	51	197473	46.2360	ug/L		92
7) dichlorodifluoromethane	1.005	85	174947	52.5903	ug/L		98
8) chloromethane	1.142	50	193527	57.5130	ug/L		98
9) vinyl chloride	1.178	62	159341	52.2535	ug/L		98
10) 1,3-butadiene	1.189	39	165293	48.5322	ug/L		99
11) bromomethane	1.378	96	45455	45.0941	ug/L	#	97
12) chloroethane	1.451	64	66703	39.7573	ug/L		91
13) trichlorofluoromethane	1.535	101	195429	49.6848	ug/L		100
14) ethyl ether	1.745	74	69472	47.1965	ug/L	#	81
15) acrolein	2.070	56	56546	70.4821	ug/L		96
16) freon 113	1.886	151	96199	47.4296	ug/L		92
17) 1,1-dichloroethene	1.855	61	169798	51.4147	ug/L		97
18) acetone	2.253	58	116133	202.1316	ug/L	#	79
19) acetonitrile	2.552	41	492221	596.3117	ug/L		99
20) iodomethane	1.944	142	96141	54.2420	ug/L		97
21) carbon disulfide	1.865	76	291494	41.9405	ug/L		94
22) methylene chloride	2.222	84	112835	48.2389	ug/L	#	78
23) methyl acetate	2.342	74	36961	49.4984	ug/L	#	67
24) methyl tert butyl ether	2.405	73	394859	51.3757	ug/L		94
25) trans-1,2-dichloroethene	2.327	61	178341	51.4488	ug/L		93
26) hexane	2.384	57	317003	52.9112	ug/L		97
27) di-isopropyl ether	2.662	45	578146	58.7450	ug/L		96
28) ethyl tert-butyl ether	2.909	59	481161	54.5252	ug/L		98
29) 2-butanone	3.527	72	133174	205.9833	ug/L	#	58
30) 1,1-dichloroethane	2.730	63	242304	52.5494	ug/L		98
31) chloroprene	2.715	53	239280	54.5978	ug/L		95
32) acrylonitrile	2.762	52	102168	61.3108	ug/L		97
33) vinyl acetate	2.909	86	31093	87.2321	ug/L	#	55
34) ethyl acetate	3.401	70	28942	50.9770	ug/L	#	80
35) 2,2-dichloropropane	3.176	77	193988	54.8575	ug/L		99
36) cis-1,2-dichloroethene	3.103	96	128481	51.1183	ug/L		93
37) propionitrile	3.747	54	532965	581.4497	ug/L		99
38) methyl acrylate	3.407	85	32762	50.9092	ug/L	#	93
39) bromochloromethane	3.244	128	63021	48.9687	ug/L		87
40) tetrahydrofuran	3.412	71	36319	49.3807	ug/L	#	72
41) chloroform	3.302	47	78446	52.8188	ug/L		95
43) methacrylonitrile	3.763	67	88450	50.0240	ug/L	#	70
44) 1,1,1-trichloroethane	3.449	97	205200	52.9206	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5303.d
Acq On : 19 May 2023 4:42 pm
Operator : nickw
Sample : jd65823-1ms Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 22 13:12:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	3.244	84	165204	48.4611	ug/L		82
46) 1,1-dichloropropene	3.543	75	166132	50.6036	ug/L		98
47) carbon tetrachloride	3.401	117	182829	51.1282	ug/L		99
48) isobutyl alcohol	3.936	43	217630	643.6393	ug/L		96
49) tert-amyl alcohol	4.010	55	102701	290.5297	ug/L	#	84
52) iso-octane	3.632	57	506582	55.4307	ug/L		95
53) benzene	3.732	78	467106	48.5765	ug/L		93
54) tert-amyl methyl ether	3.837	73	396841	50.2276	ug/L		94
55) heptane	3.721	57	101632	59.0009	ug/L		93
56) isopropyl acetate	4.120	87	40704	50.6379	ug/L	#	67
57) 1,2-dichloroethane	3.889	62	213954	51.0986	ug/L		98
58) n-butyl alcohol	4.523	56	708280	2992.1000	ug/L		96
59) ethyl acrylate	4.696	55	314414	58.1739	ug/L		98
60) trichloroethene	4.209	130	141071	48.7807	ug/L		97
62) 2-chloroethyl vinyl ether	5.268	63	25928	12.5791	ug/L		99
63) methyl methacrylate	4.880	100	46693	53.5462	ug/L	#	79
64) 1,2-dichloropropane	4.644	63	143237	52.6389	ug/L		96
65) methylcyclohexane	4.198	55	214002	54.4937	ug/L		89
66) dibromomethane	4.555	93	88133	48.2221	ug/L		98
67) bromodichloromethane	4.712	83	185737	51.8972	ug/L		100
69) cis-1,3-dichloropropene	5.305	75	215173	50.4562	ug/L		92
70) 4-methyl-2-pentanone	5.850	58	454431	235.5465	ug/L		92
71) 3-methyl-1-butanol	5.714	70	210530	1102.2917	ug/L	#	80
74) toluene	5.520	92	317086	49.6831	ug/L		99
75) ethyl methacrylate	6.028	69	190574	51.6628	ug/L		89
76) trans-1,3-dichloropropene	5.876	75	222524	53.0695	ug/L		98
77) 1,1,2-trichloroethane	5.997	83	106221	49.0725	ug/L		94
78) tetrachloroethene	5.839	166	257402	85.2800	ug/L		99
79) 2-hexanone	6.484	58	508001	235.3890	ug/L		93
80) 1,3-dichloropropane	6.196	76	206245	49.3481	ug/L		98
81) butyl acetate	6.437	56	155022	59.3315	ug/L		98
82) dibromochloromethane	6.128	129	154281	52.0552	ug/L		98
83) 1,2-dibromoethane	6.290	107	139460	48.7368	ug/L		99
84) n-butyl ether	6.652	57	657041	55.6259	ug/L		98
85) chlorobenzene	6.673	112	380567	49.8439	ug/L		99
86) 1,1,1,2-tetrachloroethane	6.726	131	140817	53.3508	ug/L		99
87) ethylbenzene	6.705	91	627646	50.4278	ug/L		98
88) m,p-xylene	6.809	106	474432	102.2149	ug/L		100
89) o-xylene	7.087	106	227574	49.3944	ug/L		99
90) styrene	7.124	104	387800	51.9028	ug/L		98
91) bromoform	7.129	173	124159	55.4110	ug/L		98
92) butyl acrylate	7.224	55	395963	59.3473	ug/L		97
93) isopropylbenzene	7.292	105	602270	51.1909	ug/L		98
94) cis-1,4-dichloro-2-butene	7.507	88	92638	56.6776	ug/L		96
97) bromobenzene	7.517	156	165030	50.4933	ug/L		91
98) 1,1,2,2-tetrachloroethane	7.596	83	215716	53.6208	ug/L		99
99) trans-1,4-dichloro-2-b...	7.701	53	92146	62.7378	ug/L		84
100) 1,2,3-trichloropropane	7.669	110	68155	50.5854	ug/L		97
101) n-propylbenzene	7.549	91	740346	50.8664	ug/L		99
102) 2-chlorotoluene	7.638	126	151267	50.7378	ug/L		97
103) 4-chlorotoluene	7.737	91	459042	50.7272	ug/L		99
104) 1,3,5-trimethylbenzene	7.675	105	531831	52.1804	ug/L		99
105) tert-butylbenzene	7.858	119	437171	49.8472	ug/L		94
106) 1,2,4-trimethylbenzene	7.900	105	545634	51.3637	ug/L		98
107) sec-butylbenzene	7.963	105	643023	51.3148	ug/L		98
108) 1,3-dichlorobenzene	8.083	146	315456	50.8315	ug/L		98
109) p-isopropyltoluene	8.052	119	566332	52.7165	ug/L		99
110) 1,4-dichlorobenzene	8.136	146	309770	49.8217	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5303.d
Acq On : 19 May 2023 4:42 pm
Operator : nickw
Sample : jd65823-1ms Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 22 13:12:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

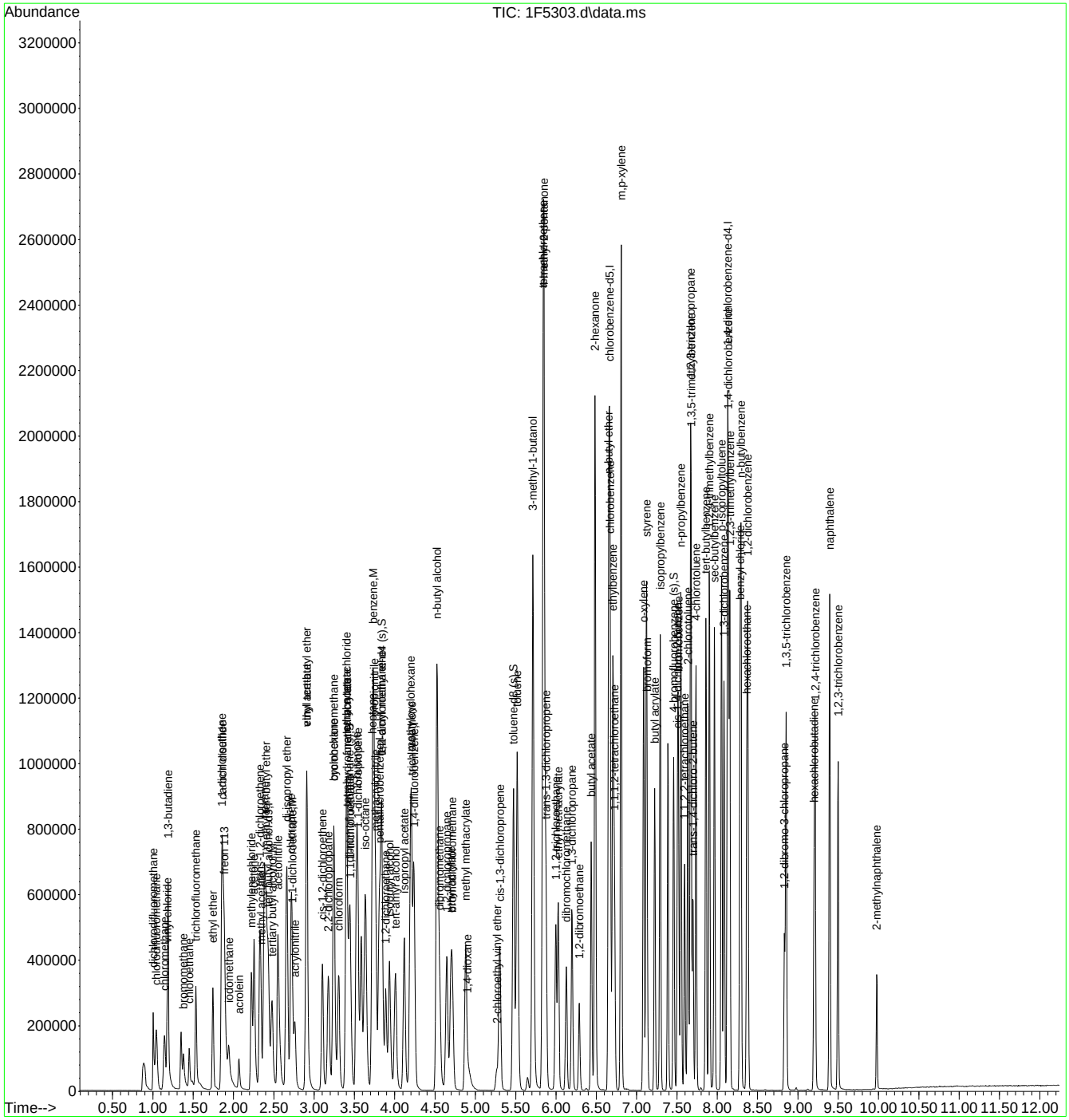
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,2-dichlorobenzene	8.377	146	306904	50.4630	ug/L	97
112) 1,2,3-trimethylbenzene	8.157	105	554848	50.1672	ug/L	100
113) n-butylbenzene	8.293	92	305525	54.9827	ug/L	84
114) 1,2-dibromo-3-chloropr...	8.833	157	77733	52.2267	ug/L	92
115) 1,3,5-trichlorobenzene	8.854	180	229119	52.5649	ug/L	99
116) 1,2,4-trichlorobenzene	9.216	180	200183	52.1220	ug/L	99
117) hexachlorobutadiene	9.200	225	79575	55.4367	ug/L	98
118) naphthalene	9.394	128	648043	53.3930	ug/L	99
119) 1,2,3-trichlorobenzene	9.499	180	192752	52.8233	ug/L	99
120) hexachloroethane	8.367	119	96540	59.9459	ug/L	93
121) benzyl chloride	8.283	126	97425	63.8174	ug/L	96
122) 2-methylnaphthalene	9.976	142	100788	20.8203	ug/L	99

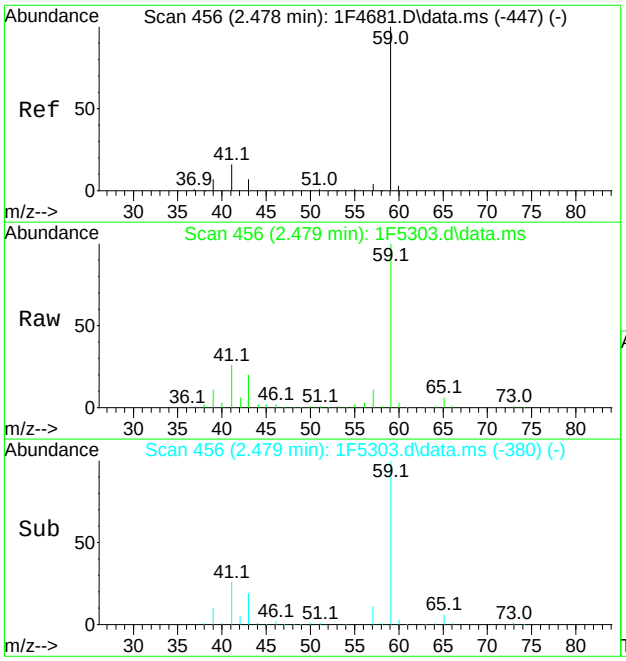
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5303.d
Acq On : 19 May 2023 4:42 pm
Operator : nickw
Sample : jd65823-1ms Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 22 13:12:02 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

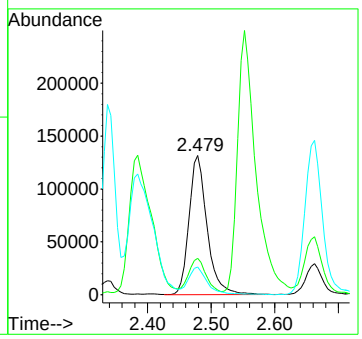


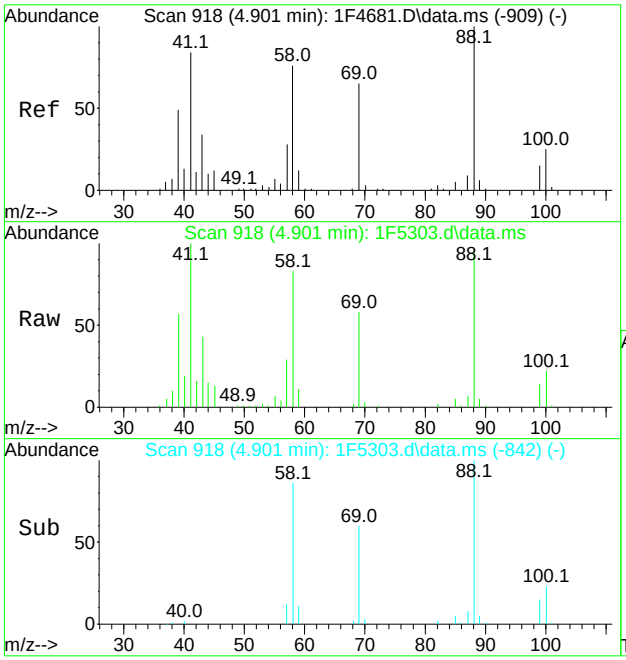


#3
tertiary butyl alcohol
Concen: 247.2590 ug/L
RT: 2.479 min Scan# 456
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 59 Resp: 259018

Ion	Ratio	Lower	Upper
59	100		
41	20.3	0.0	45.9
43	19.4	0.0	45.3

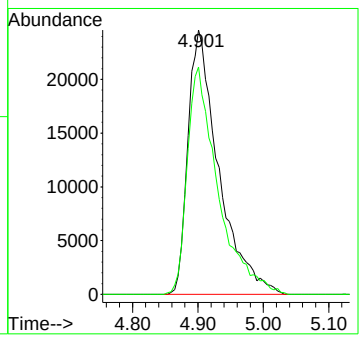


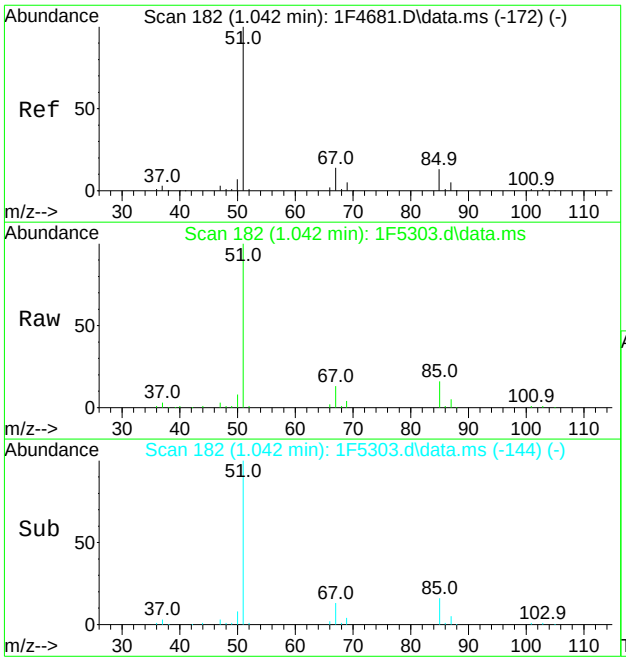


#4
1,4-dioxane
Concen: 1059.1502 ug/L
RT: 4.901 min Scan# 918
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 88 Resp: 80063

Ion	Ratio	Lower	Upper
88	100		
58	86.0	56.9	96.9

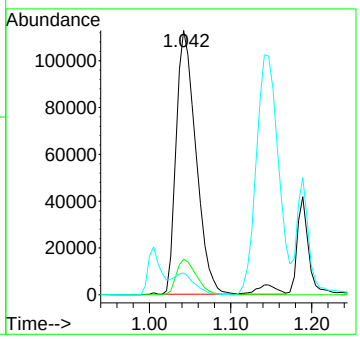


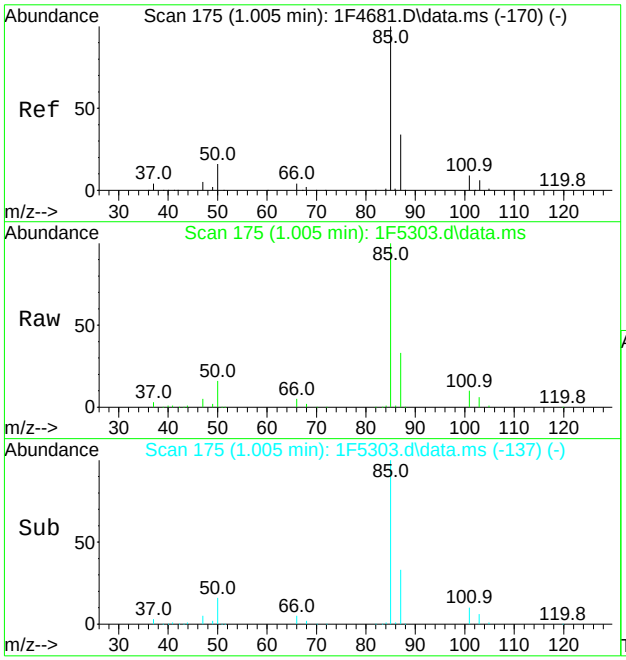


#6
chlorodifluoromethane
Concen: 46.2360 ug/L
RT: 1.042 min Scan# 182
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 51 Resp: 197473

Ion	Ratio	Lower	Upper
51	100		
67	13.5	0.0	44.0
50	0.2	0.0	37.2

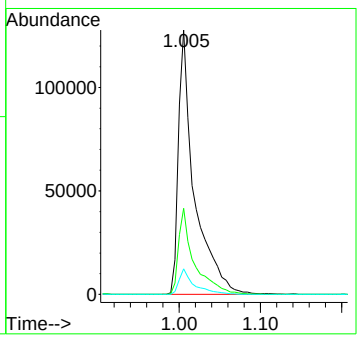


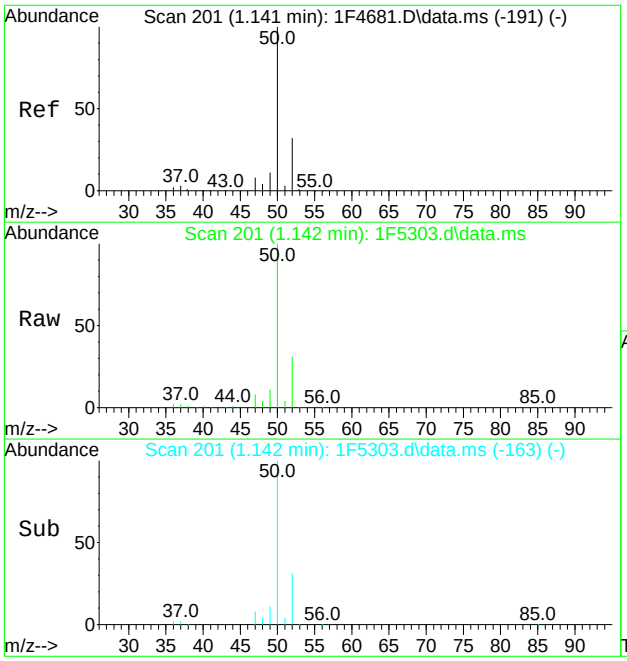


#7
dichlorodifluoromethane
Concen: 52.5903 ug/L
RT: 1.005 min Scan# 175
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 85 Resp: 174947

Ion	Ratio	Lower	Upper
85	100		
87	32.6	3.9	63.9
101	9.6	0.0	39.4

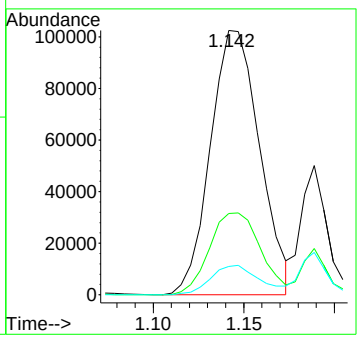


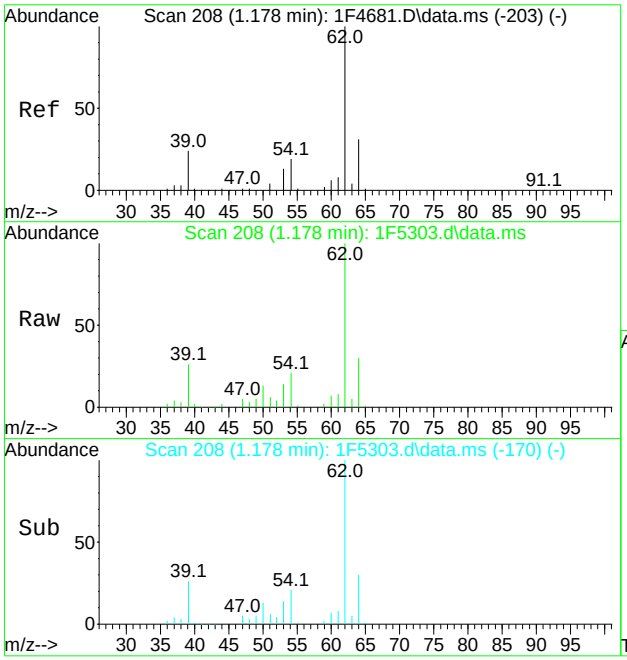


#8
chloromethane
Concen: 57.5130 ug/L
RT: 1.142 min Scan# 201
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 50 Resp: 193527

Ion	Ratio	Lower	Upper
50	100		
52	30.7	1.9	61.9
49	10.7	0.0	40.6

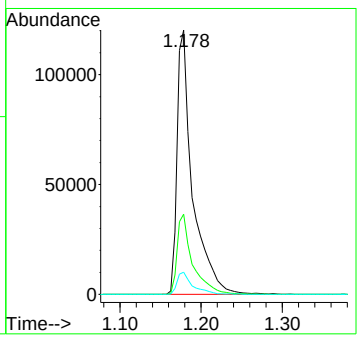


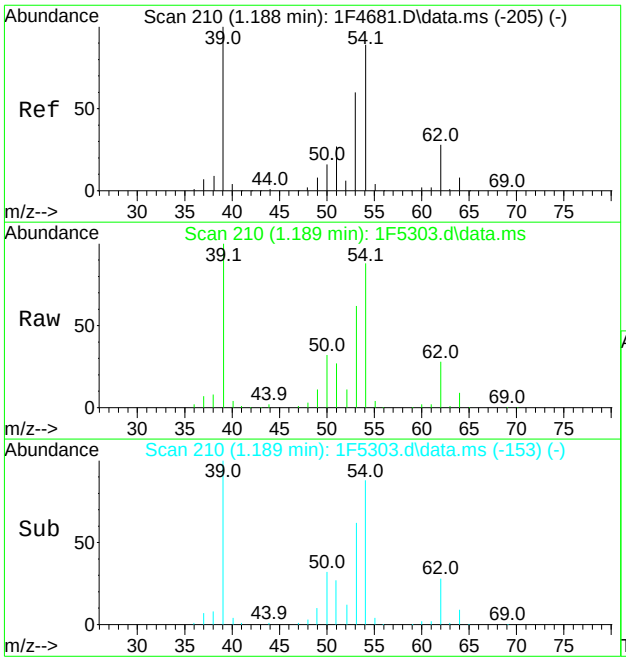


#9
vinyl chloride
Concen: 52.2535 ug/L
RT: 1.178 min Scan# 208
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 62 Resp: 159341

Ion	Ratio	Lower	Upper
62	100		
64	30.3	1.4	61.4
61	8.4	0.0	38.3

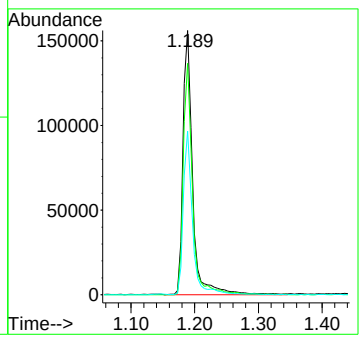


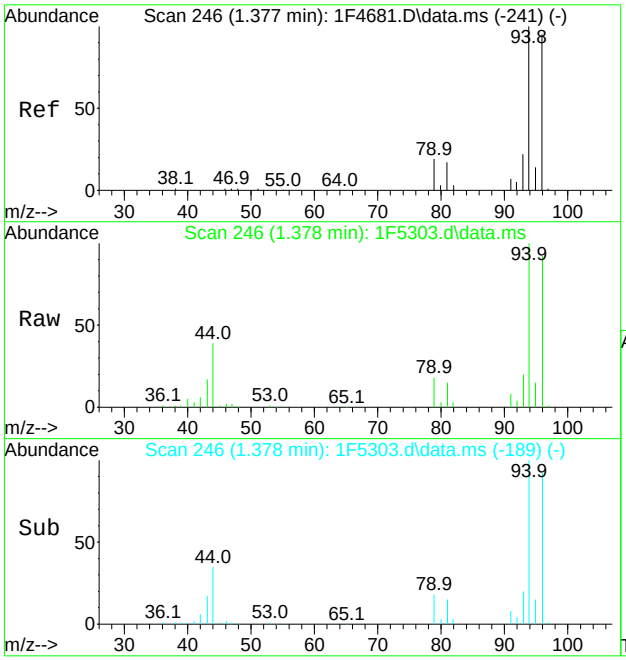


#10
1,3-butadiene
Concen: 48.5322 ug/L
RT: 1.189 min Scan# 210
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 39 Resp: 165293

Ion	Ratio	Lower	Upper
39	100		
54	87.5	58.6	118.6
53	61.9	30.5	90.5

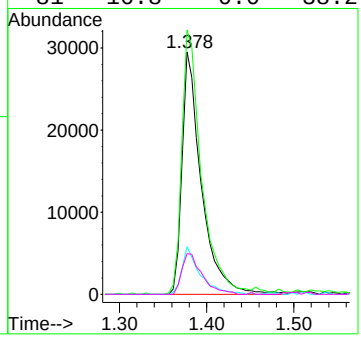


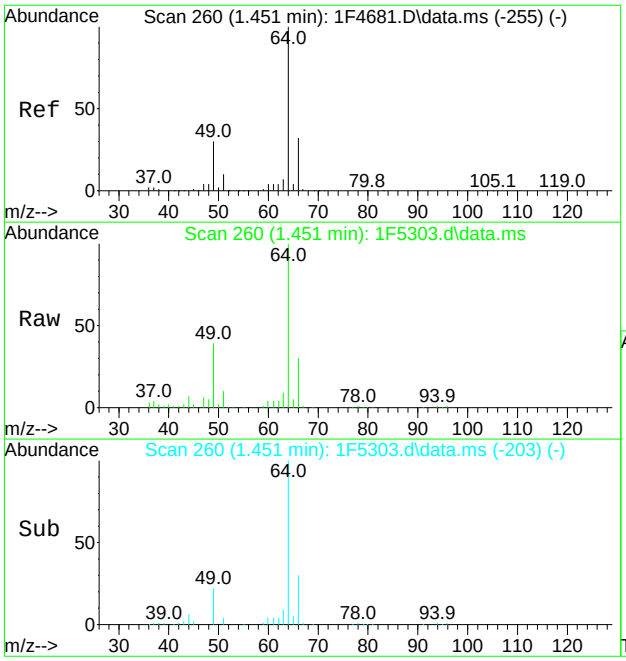


#11
bromomethane
Concen: 45.0941 ug/L
RT: 1.378 min Scan# 246
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 96 Resp: 45455

Ion	Ratio	Lower	Upper
96	100		
94	109.1	75.6	135.6
79	19.7	20.0	20.0#
81	16.8	0.0	38.2

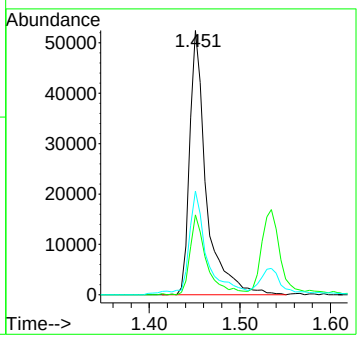


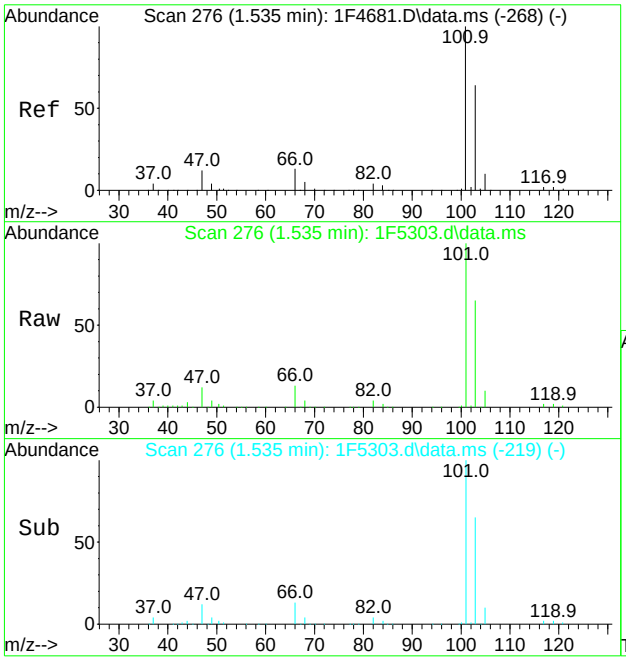


#12
chloroethane
Concen: 39.7573 ug/L
RT: 1.451 min Scan# 260
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 64 Resp: 66703

Ion	Ratio	Lower	Upper
64	100		
66	29.8	1.9	61.9
49	37.9	0.0	60.0

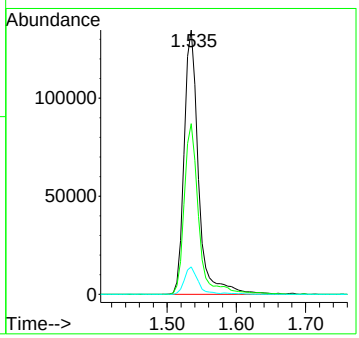


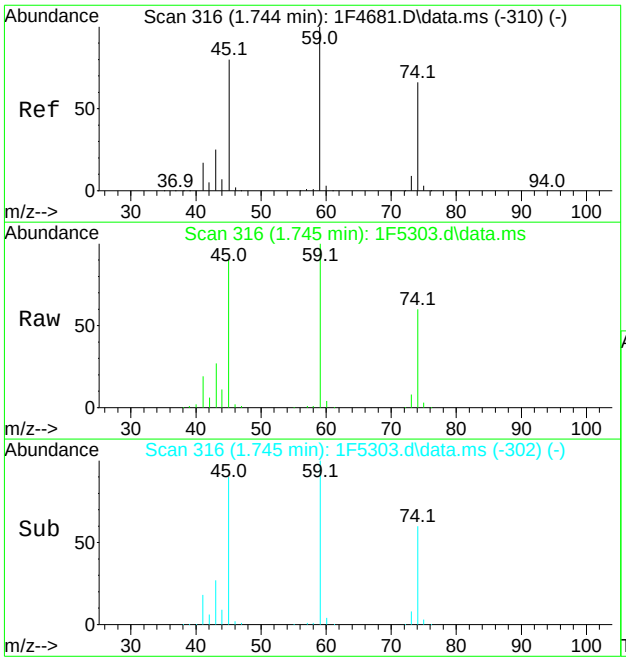


#13
trichlorofluoromethane
Concen: 49.6848 ug/L
RT: 1.535 min Scan# 276
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:101 Resp: 195429

Ion	Ratio	Lower	Upper
101	100		
103	64.5	34.3	94.3
105	10.4	0.0	40.3

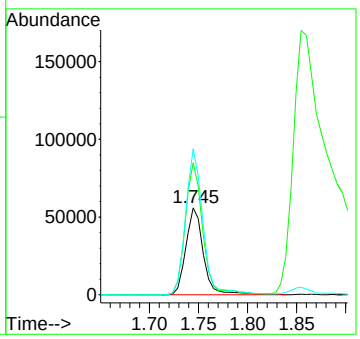


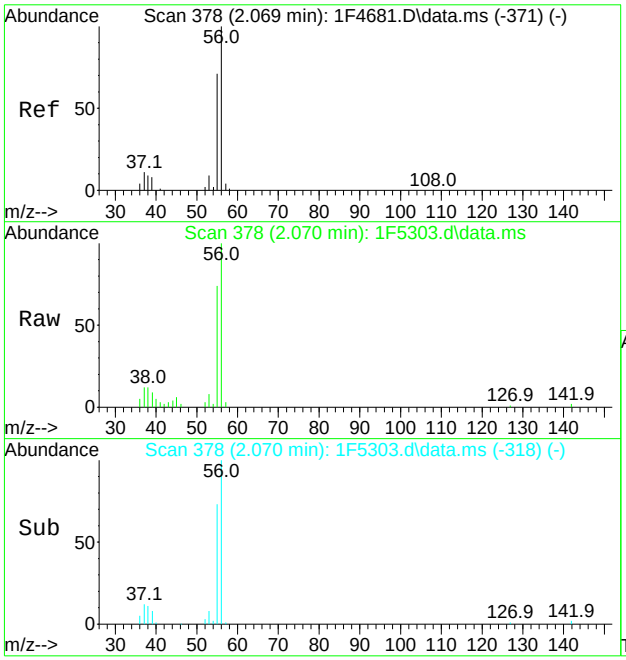


#14
ethyl ether
Concen: 47.1965 ug/L
RT: 1.745 min Scan# 316
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 74 Resp: 69472

Ion	Ratio	Lower	Upper
74	100		
45	151.6	91.3	151.3#
59	167.6	122.4	182.4

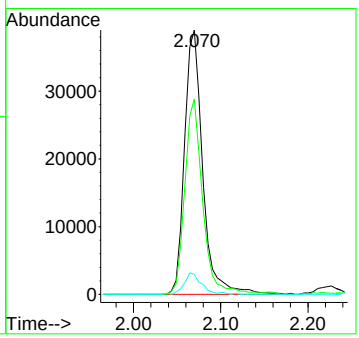


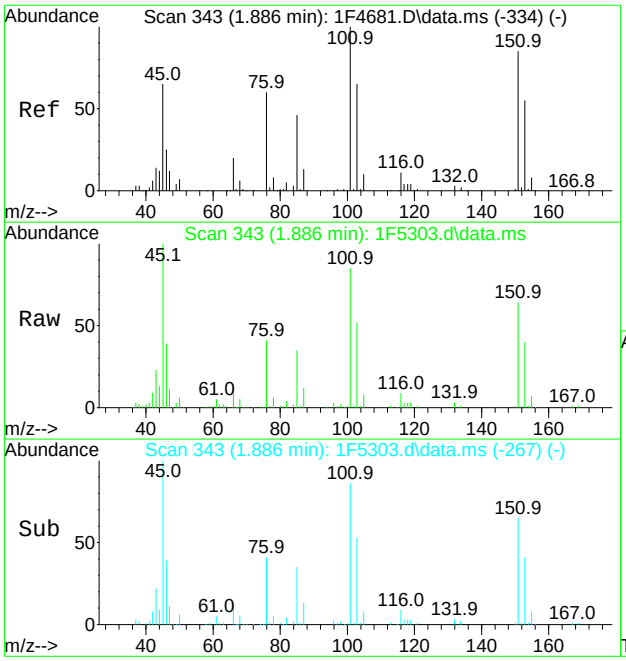


#15
acrolein
Concen: 70.4821 ug/L
RT: 2.070 min Scan# 378
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 56 Resp: 56546

Ion	Ratio	Lower	Upper
56	100		
55	73.9	40.8	100.8
53	7.5	0.0	38.6

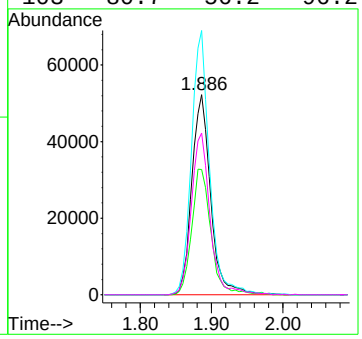


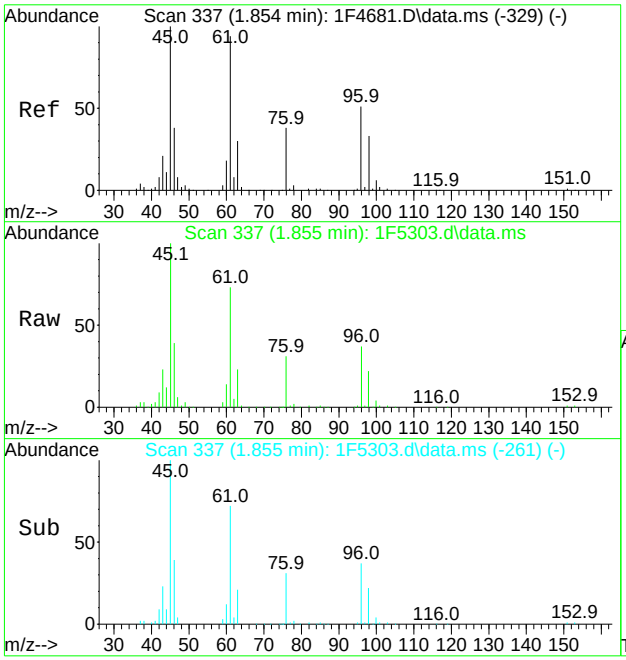


#16
freon 113
Concen: 47.4296 ug/L
RT: 1.886 min Scan# 343
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:151 Resp: 96199

Ion	Ratio	Lower	Upper
151	100		
153	62.5	44.8	84.8
101	132.1	97.8	137.8
103	80.7	56.2	96.2

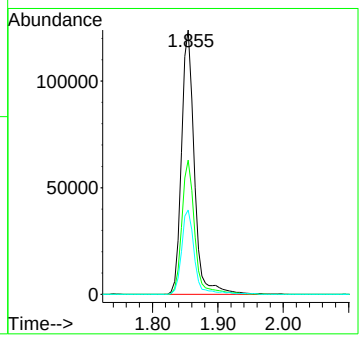


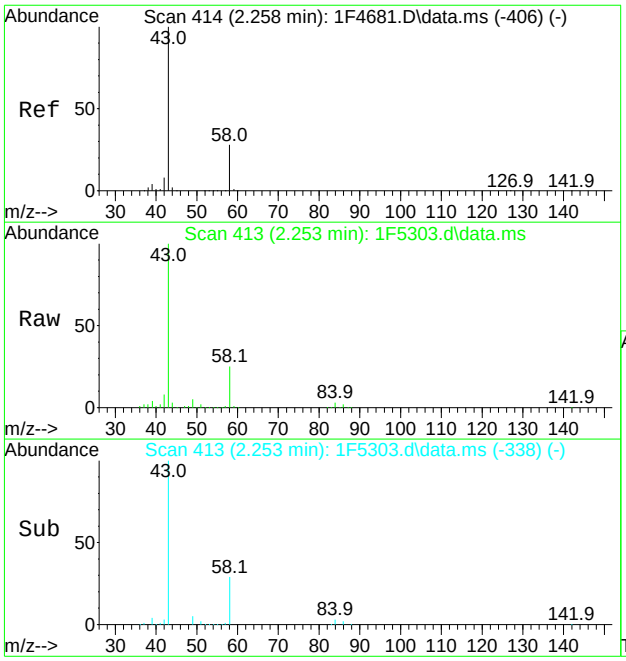


#17
1,1-dichloroethene
Concen: 51.4147 ug/L
RT: 1.855 min Scan# 337
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 61 Resp: 169798

Ion	Ratio	Lower	Upper
61	100		
96	50.8	24.6	84.6
63	31.9	2.0	62.0

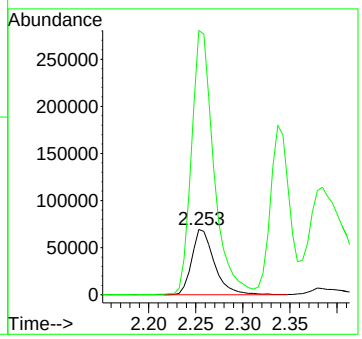


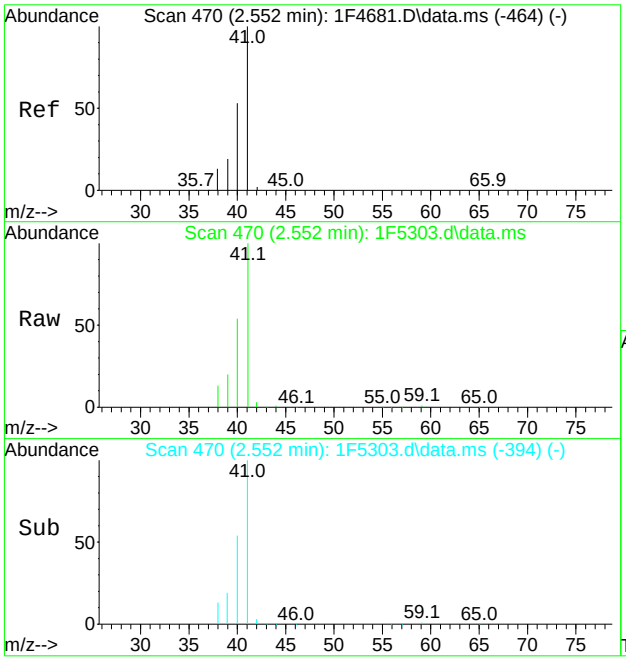


#18
acetone
Concen: 202.1316 ug/L
RT: 2.253 min Scan# 413
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 58 Resp: 116133

Ion	Ratio	Lower	Upper
58	100		
43	402.6	326.8	386.8#

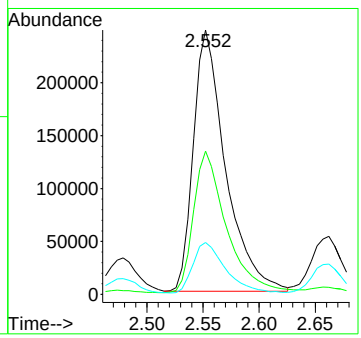


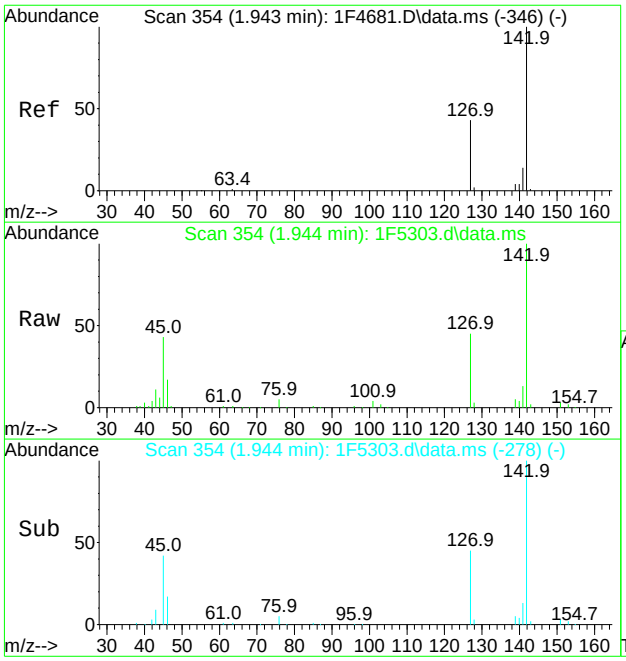


#19
acetonitrile
Concen: 596.3117 ug/L
RT: 2.552 min Scan# 470
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 41 Resp: 492221

Ion	Ratio	Lower	Upper
41	100		
40	54.2	23.1	83.1
39	19.2	0.0	49.3

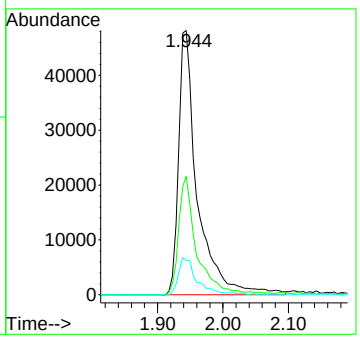


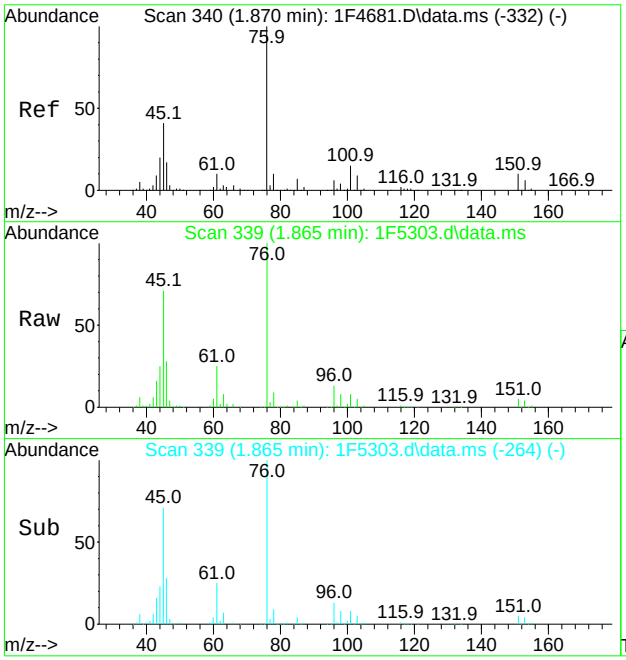


#20
iodomethane
Concen: 54.2420 ug/L
RT: 1.944 min Scan# 354
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:142 Resp: 96141

Ion	Ratio	Lower	Upper
142	100		
127	44.8	12.9	72.9
141	13.0	0.0	44.2

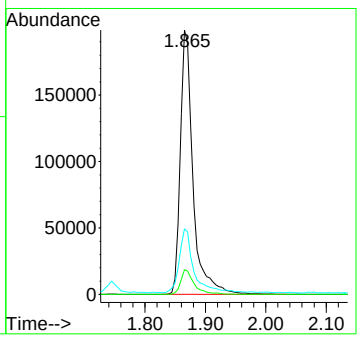


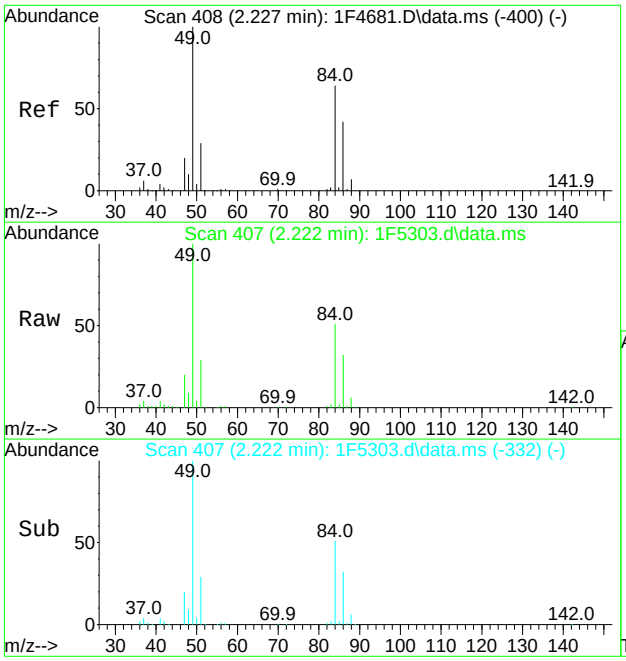


#21
carbon disulfide
Concen: 41.9405 ug/L
RT: 1.865 min Scan# 339
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 76 Resp: 291494

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	39.7
44	24.2	0.0	50.4

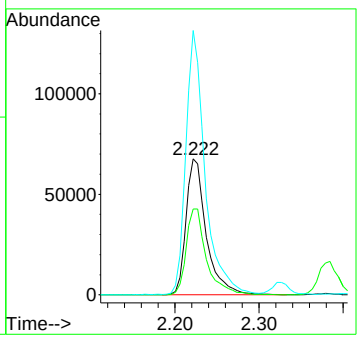


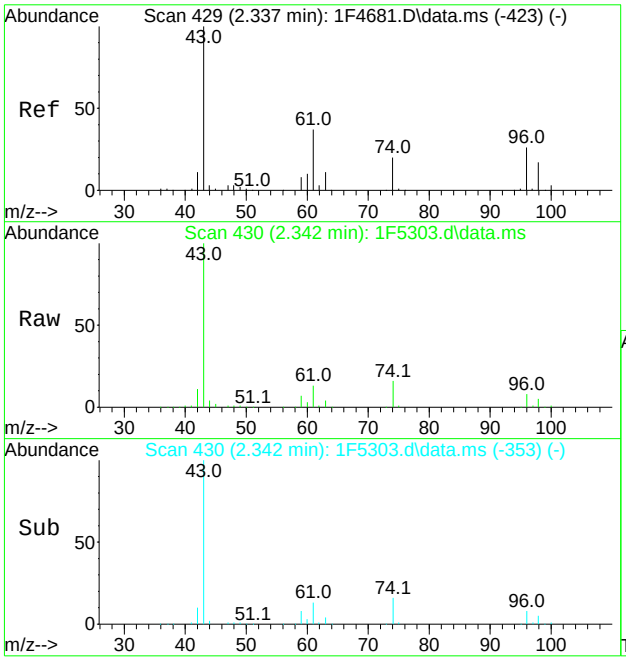


#22
methylene chloride
Concen: 48.2389 ug/L
RT: 2.222 min Scan# 407
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 84 Resp: 112835

Ion	Ratio	Lower	Upper
84	100		
86	63.1	36.6	96.6
49	194.4	126.8	186.8#

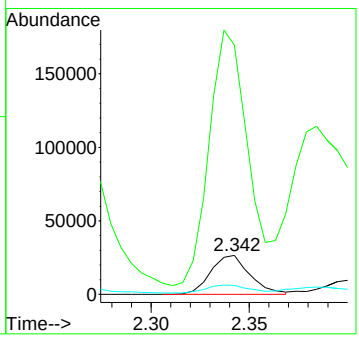


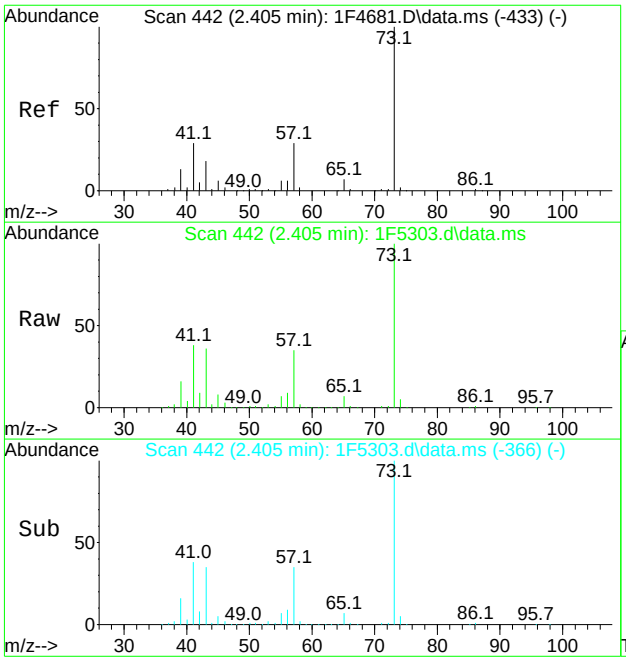


#23
methyl acetate
Concen: 49.4984 ug/L
RT: 2.342 min Scan# 430
Delta R.T. 0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 74 Resp: 36961

Ion	Ratio	Lower	Upper
74	100		
43	607.5	481.9	541.9#
44	19.8	0.0	47.1

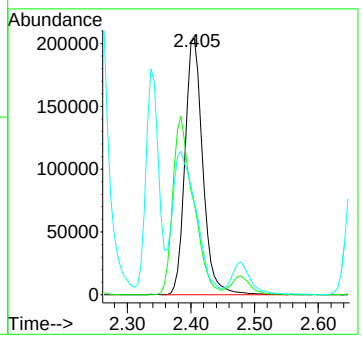


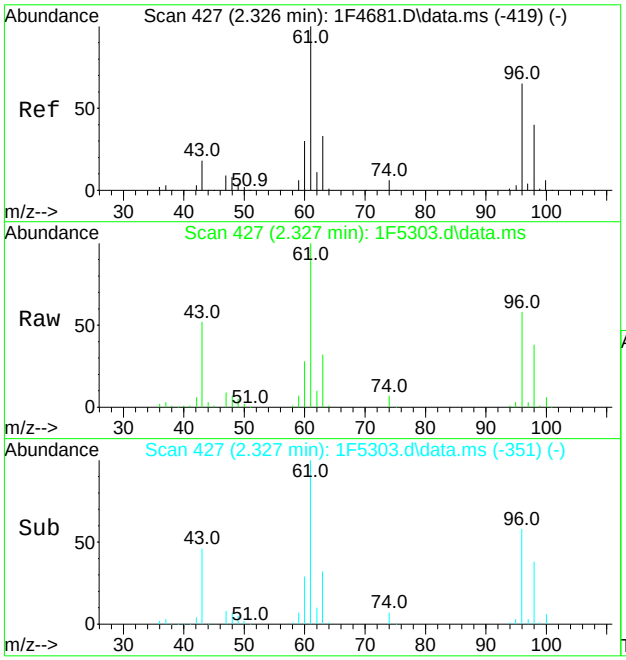


#24
methyl tert butyl ether
Concen: 51.3757 ug/L
RT: 2.405 min Scan# 442
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 73 Resp: 394859

Ion	Ratio	Lower	Upper
73	100		
57	35.3	2.6	62.6
43	35.6	2.1	62.1

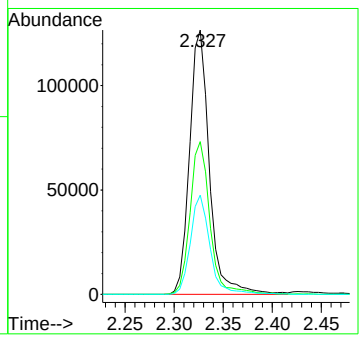


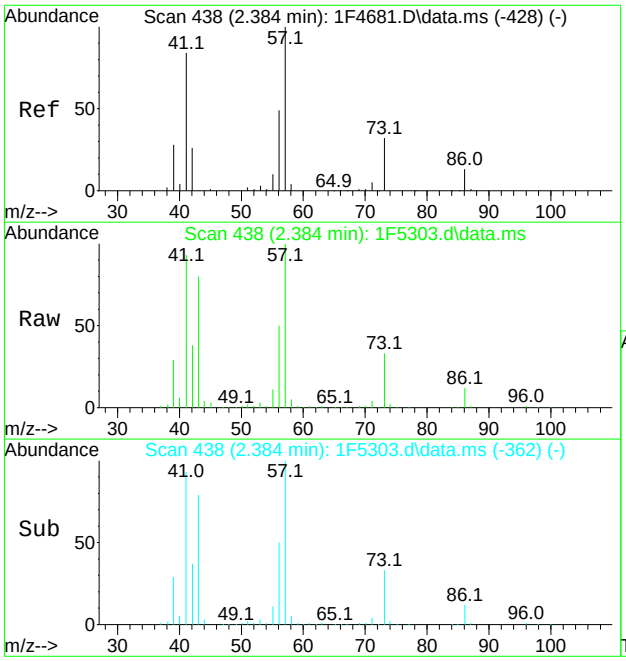


#25
trans-1,2-dichloroethene
Concen: 51.4488 ug/L
RT: 2.327 min Scan# 427
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 61 Resp: 178341

Ion	Ratio	Lower	Upper
61	100		
96	57.8	34.9	94.9
98	37.6	10.2	70.2

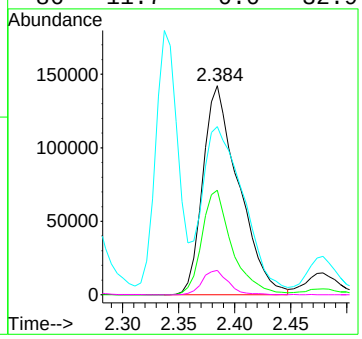


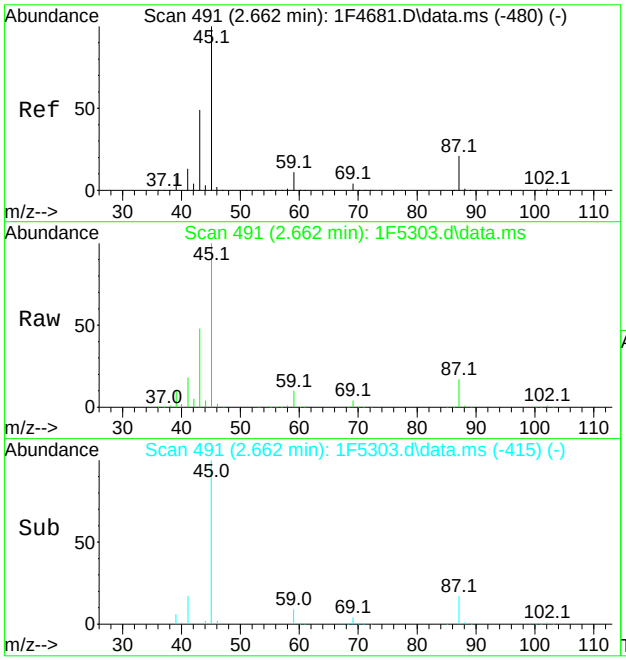


#26
hexane
Concen: 52.9112 ug/L
RT: 2.384 min Scan# 438
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 57 Resp: 317003

Ion	Ratio	Lower	Upper
57	100		
56	50.0	29.1	69.1
43	76.8	52.7	92.7
86	11.7	0.0	32.9

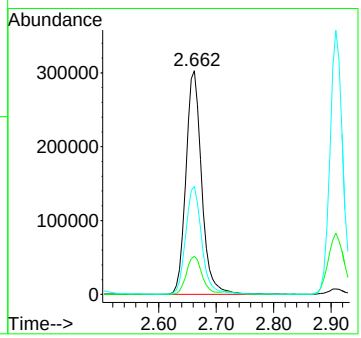


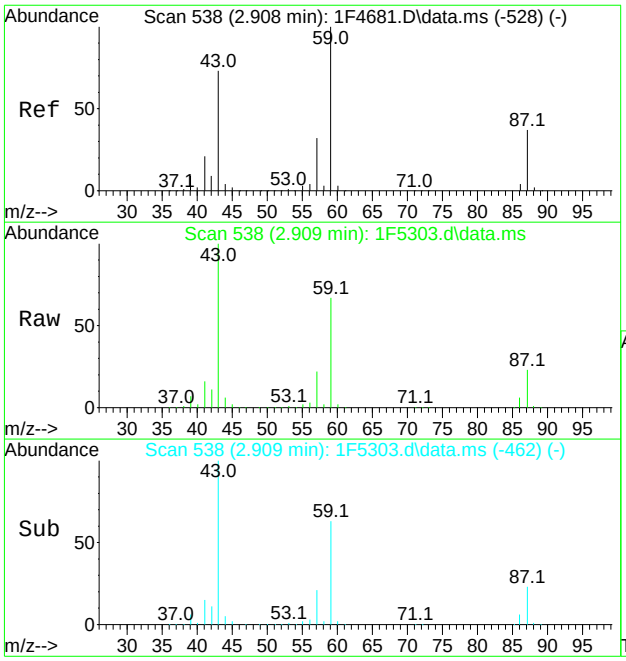


#27
di-isopropyl ether
Concen: 58.7450 ug/L
RT: 2.662 min Scan# 491
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 45 Resp: 578146

Ion	Ratio	Lower	Upper
45	100		
87	17.1	0.0	51.0
43	48.1	19.4	79.4

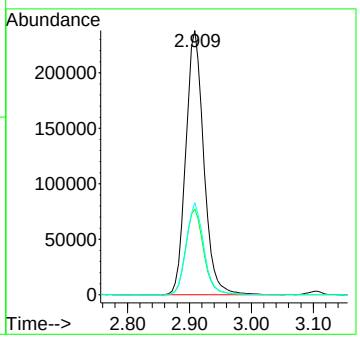


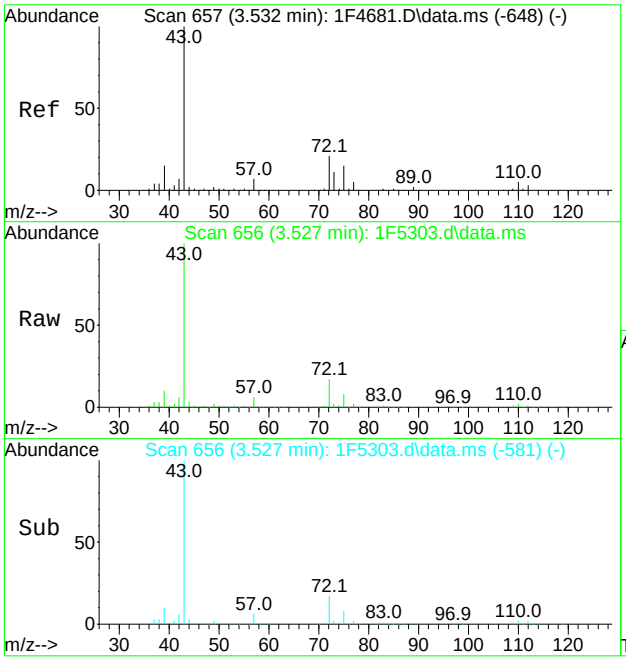


#28
ethyl tert-butyl ether
Concen: 54.5252 ug/L
RT: 2.909 min Scan# 538
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 59 Resp: 481161

Ion	Ratio	Lower	Upper
59	100		
57	32.4	2.3	62.3
87	34.9	6.5	66.5

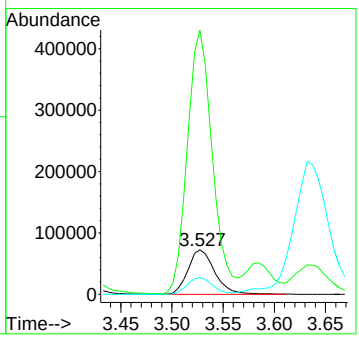


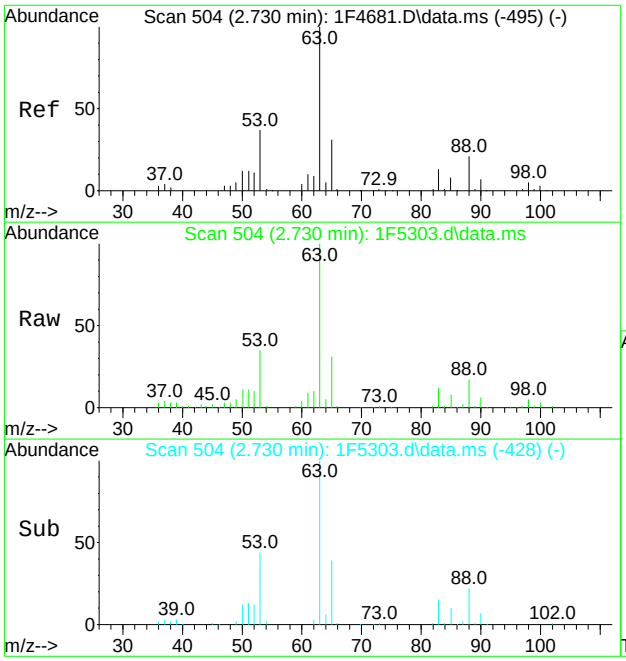


#29
2-butanone
Concen: 205.9833 ug/L
RT: 3.527 min Scan# 656
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 72 Resp: 133174

Ion	Ratio	Lower	Upper
72	100		
43	589.7	443.2	503.2#
57	38.0	2.9	62.9

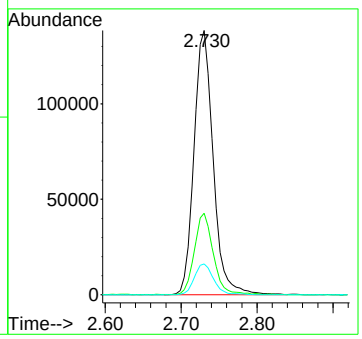


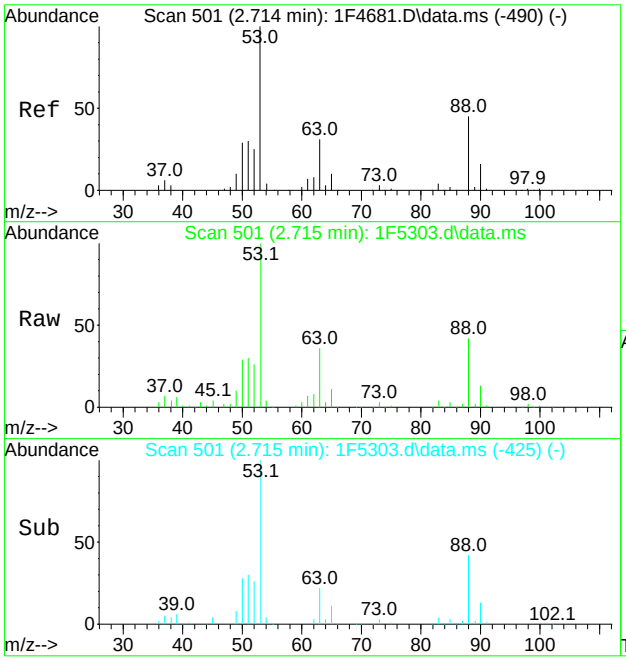


#30
1,1-dichloroethane
Concen: 52.5494 ug/L
RT: 2.730 min Scan# 504
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 63 Resp: 242304

Ion	Ratio	Lower	Upper
63	100		
65	30.8	1.5	61.5
83	11.7	0.0	42.7

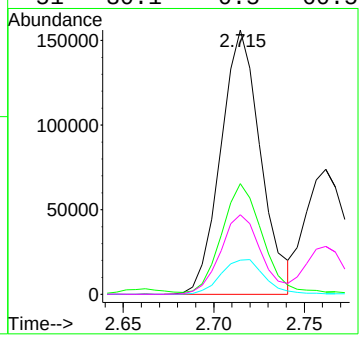


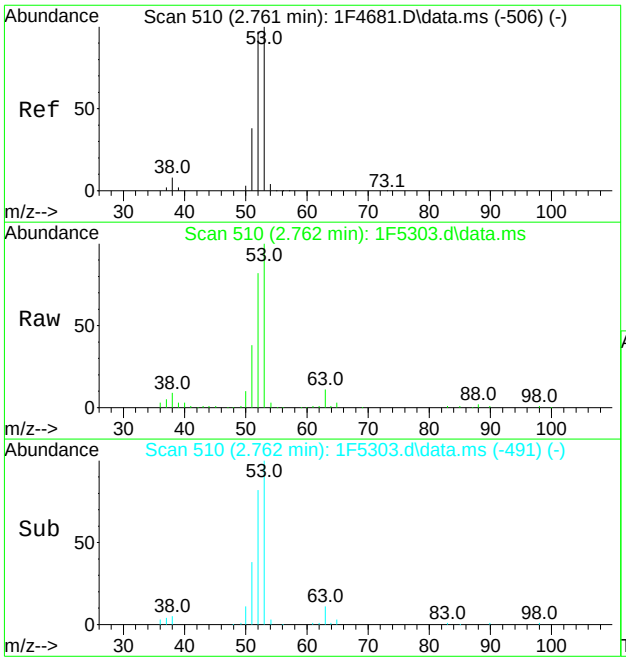


#31
chloroprene
Concen: 54.5978 ug/L
RT: 2.715 min Scan# 501
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 53 Resp: 239280

Ion	Ratio	Lower	Upper
53	100		
88	40.6	15.2	75.2
90	13.0	0.0	46.1
51	30.1	0.5	60.5

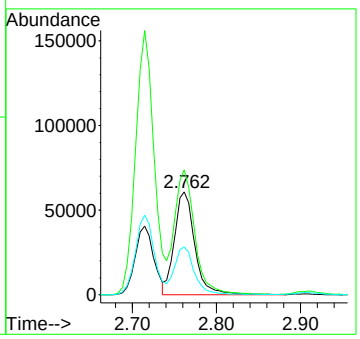


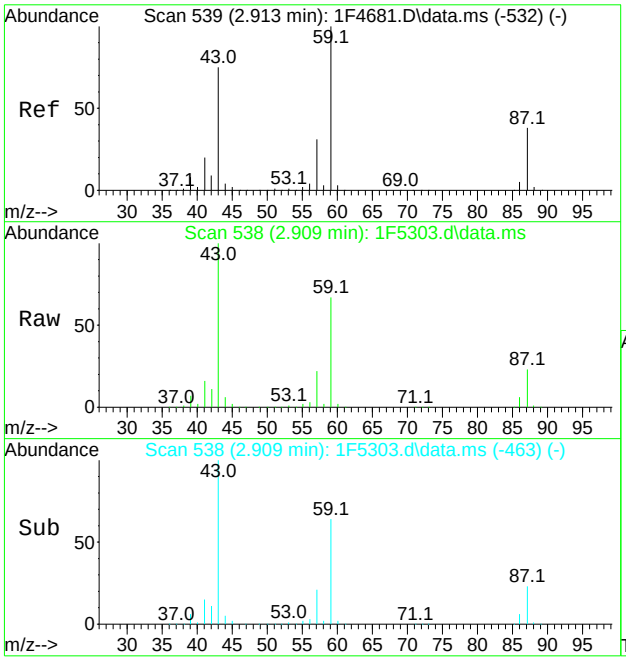


#32
acrylonitrile
Concen: 61.3108 ug/L
RT: 2.762 min Scan# 510
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 52 Resp: 102168

Ion	Ratio	Lower	Upper
52	100		
53	121.0	93.9	153.9
51	46.1	14.3	74.3

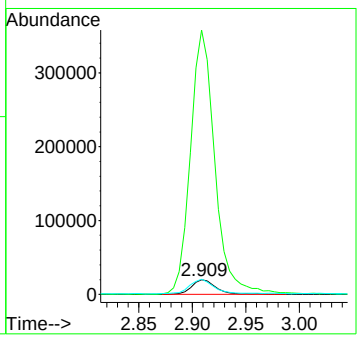


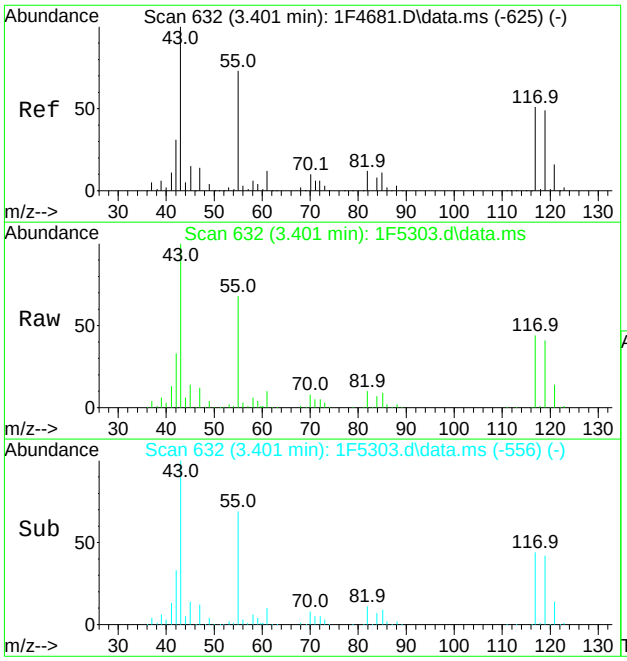


#33
vinyl acetate
Concen: 87.2321 ug/L
RT: 2.909 min Scan# 538
Delta R.T. -0.004 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 86 Resp: 31093

Ion	Ratio	Lower	Upper
86	100		
43	1788.0	1480.6	1540.6#
44	96.4	46.0	106.0

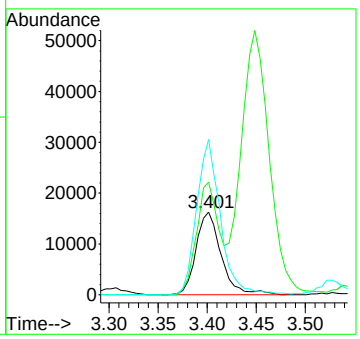


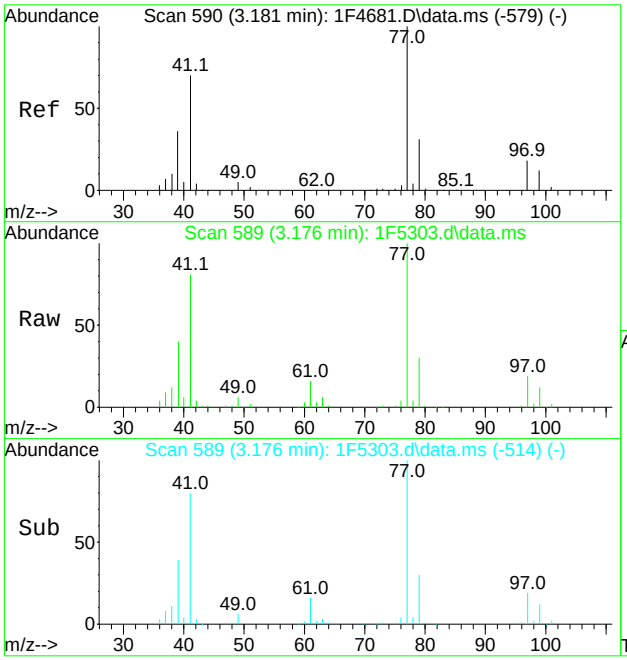


#34
ethyl acetate
Concen: 50.9770 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 70 Resp: 28942

Ion	Ratio	Lower	Upper
70	100		
61	136.1	97.3	157.3
45	187.6	118.7	178.7#

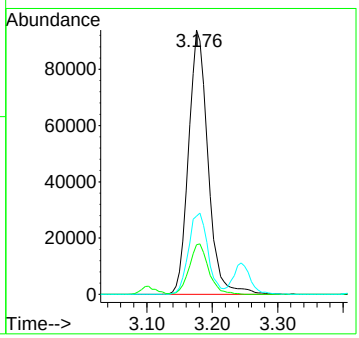


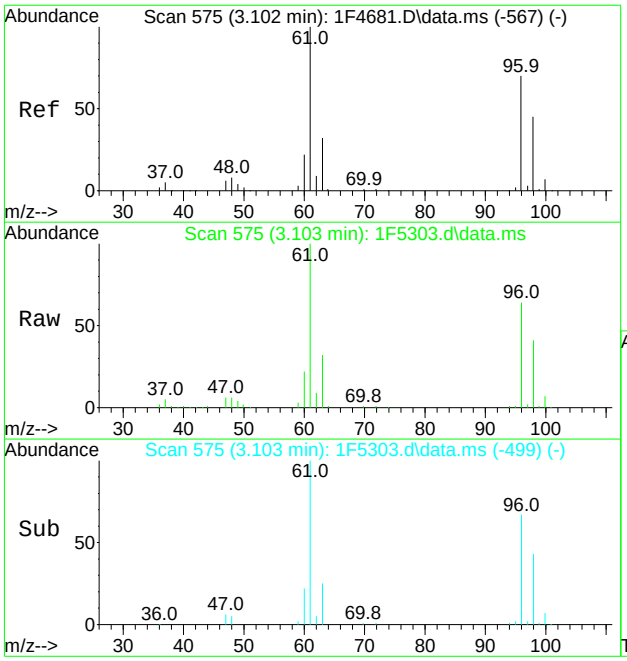


#35
2,2-dichloropropane
Concen: 54.8575 ug/L
RT: 3.176 min Scan# 589
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 77 Resp: 193988

Ion	Ratio	Lower	Upper
77	100		
97	18.8	0.0	48.4
79	29.6	0.6	60.6

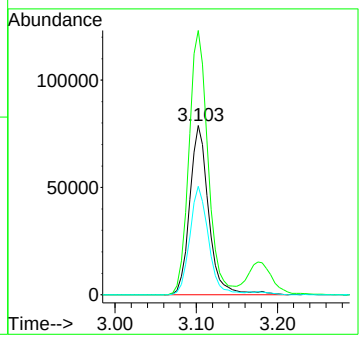


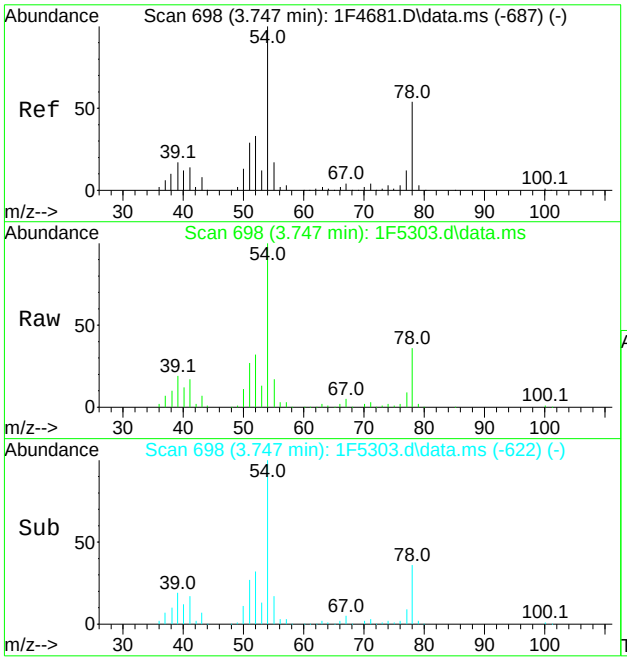


#36
cis-1,2-dichloroethene
Concen: 51.1183 ug/L
RT: 3.103 min Scan# 575
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 96 Resp: 128481

Ion	Ratio	Lower	Upper
96	100		
61	156.1	113.8	173.8
98	64.1	34.7	94.7

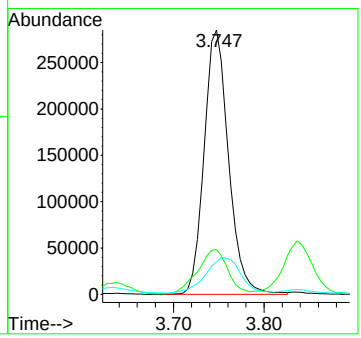


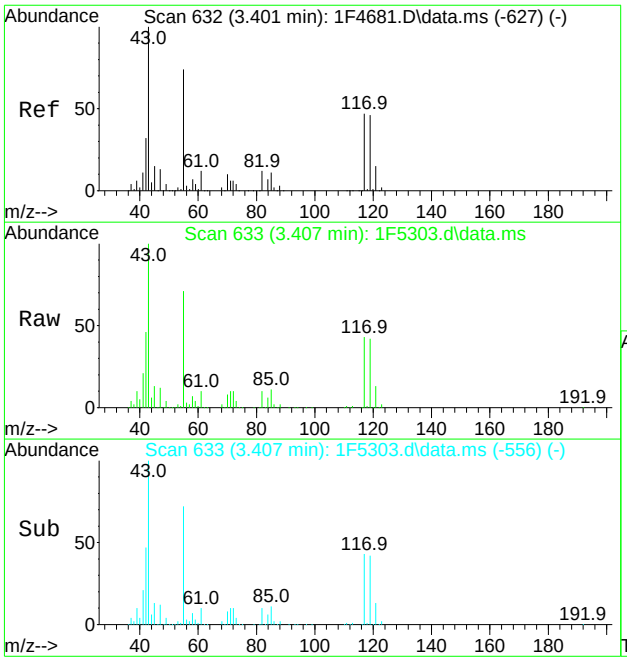


#37
propionitrile
Concen: 581.4497 ug/L
RT: 3.747 min Scan# 698
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 54 Resp: 532965

Ion	Ratio	Lower	Upper
54	100		
55	16.8	0.0	47.4
40	11.8	0.0	41.6

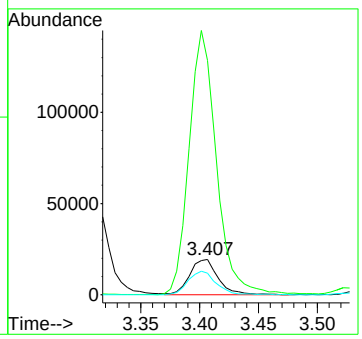


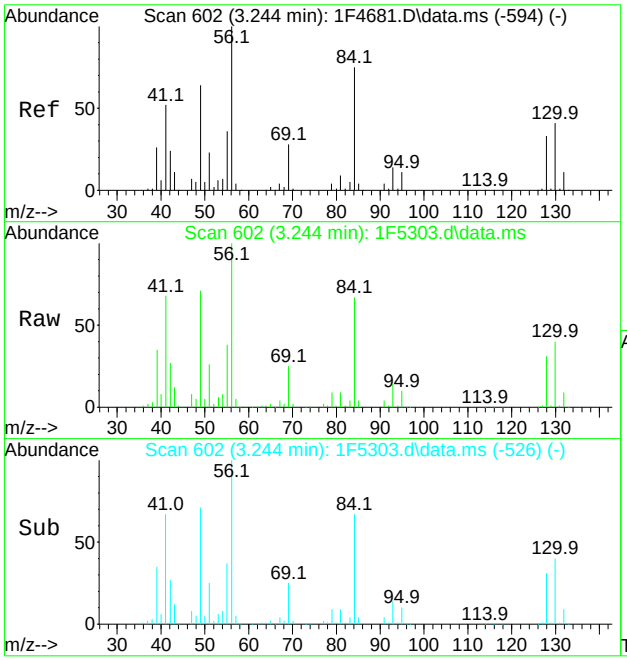


#38
methyl acrylate
Concen: 50.9092 ug/L
RT: 3.407 min Scan# 633
Delta R.T. 0.006 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 85 Resp: 32762

Ion	Ratio	Lower	Upper
85	100		
55	660.1	618.9	658.9#
58	61.5	35.4	75.4

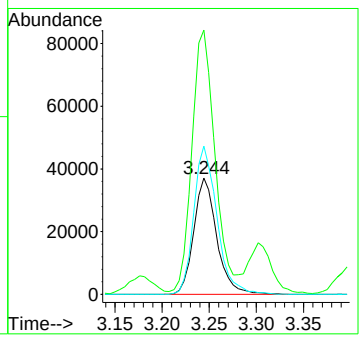


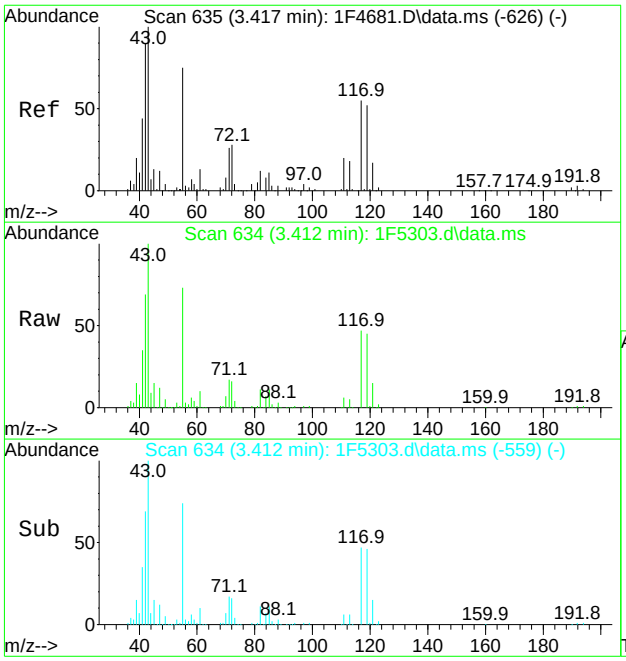


#39
bromochloromethane
Concen: 48.9687 ug/L
RT: 3.244 min Scan# 602
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:128 Resp: 63021

Ion	Ratio	Lower	Upper
128	100		
49	224.6	165.9	225.9
130	127.5	94.8	154.8

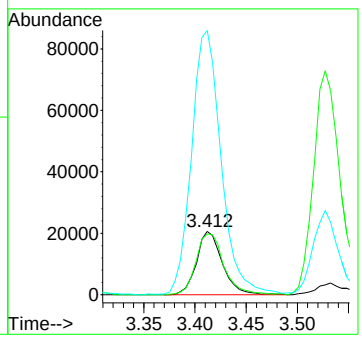


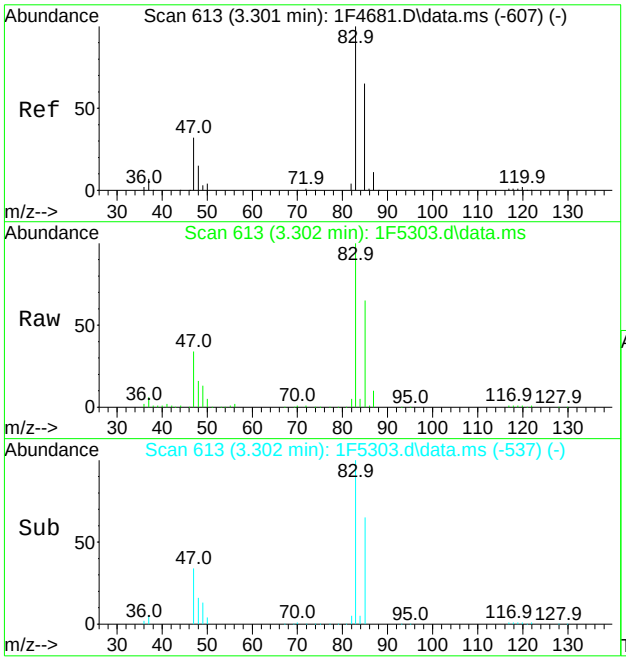


#40
tetrahydrofuran
Concen: 49.3807 ug/L
RT: 3.412 min Scan# 634
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 71 Resp: 36319

Ion	Ratio	Lower	Upper
71	100		
72	95.7	76.2	136.2
42	414.8	313.6	373.6#

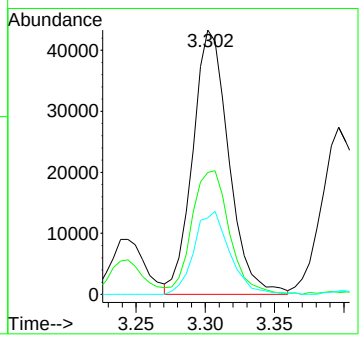


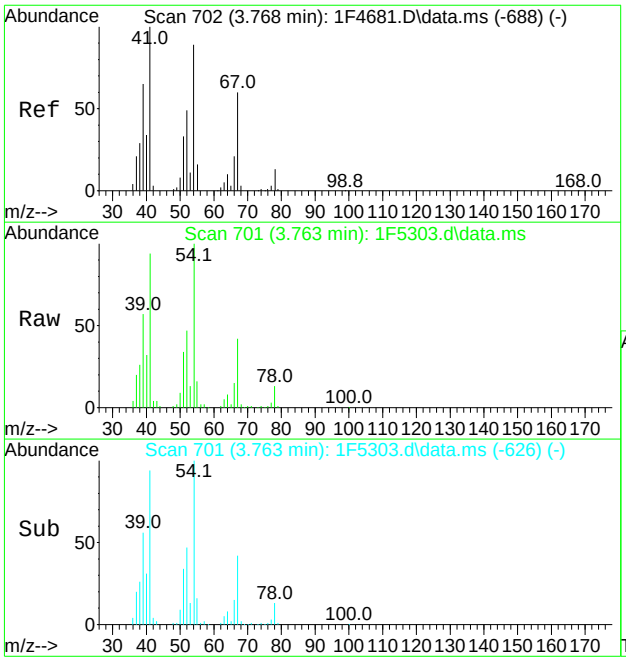


#41
chloroform
Concen: 52.8188 ug/L
RT: 3.302 min Scan# 613
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 47 Resp: 78446

Ion	Ratio	Lower	Upper
47	100		
48	46.3	18.3	78.3
87	29.4	3.4	63.4

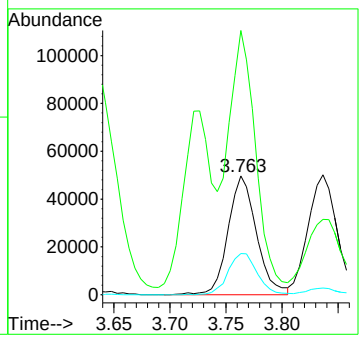


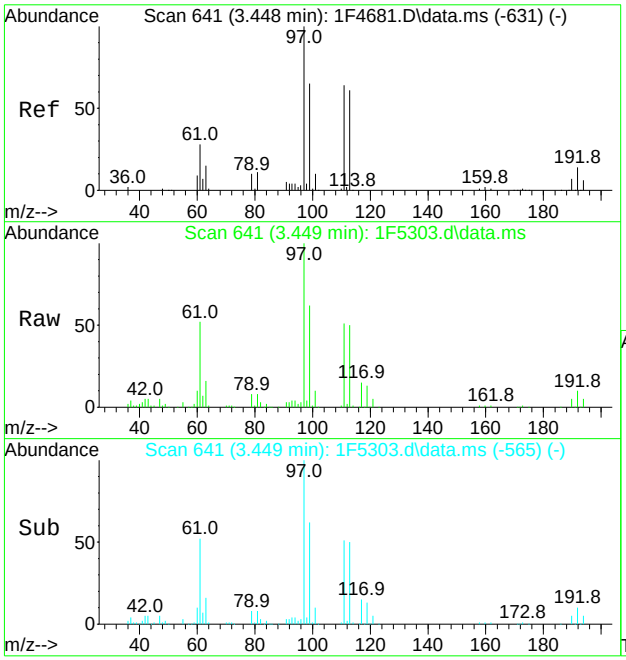


#43
methacrylonitrile
Concen: 50.0240 ug/L
RT: 3.763 min Scan# 701
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 67 Resp: 88450

Ion	Ratio	Lower	Upper
67	100		
41	213.2	135.5	195.5#
66	34.6	4.0	64.0

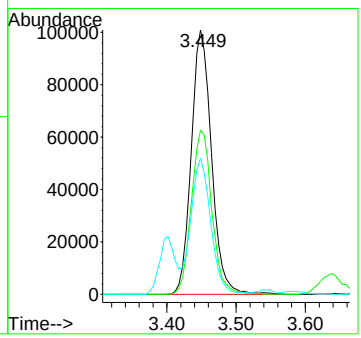


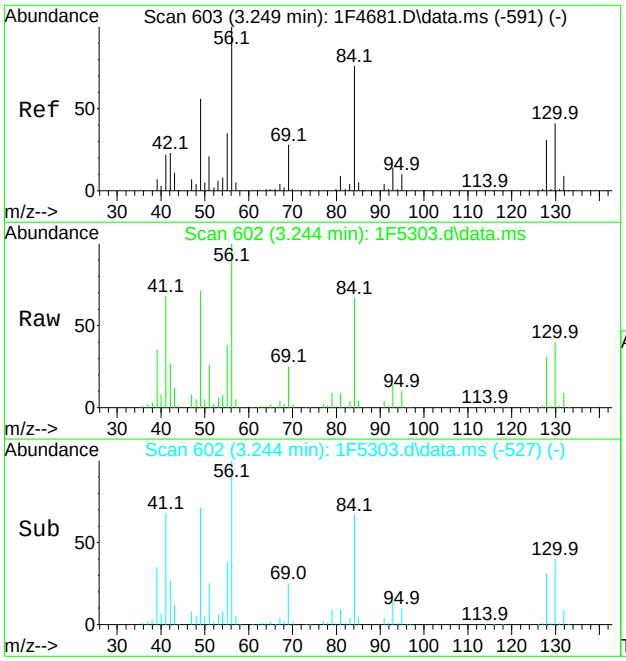


#44
1,1,1-trichloroethane
Concen: 52.9206 ug/L
RT: 3.449 min Scan# 641
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 97 Resp: 205200

Ion	Ratio	Lower	Upper
97	100		
99	62.1	34.5	94.5
61	50.4	17.5	77.5

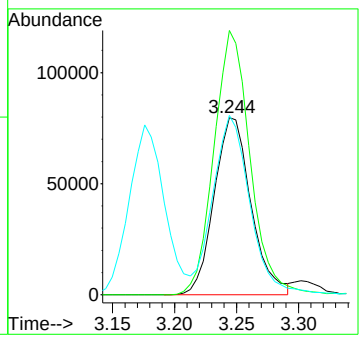


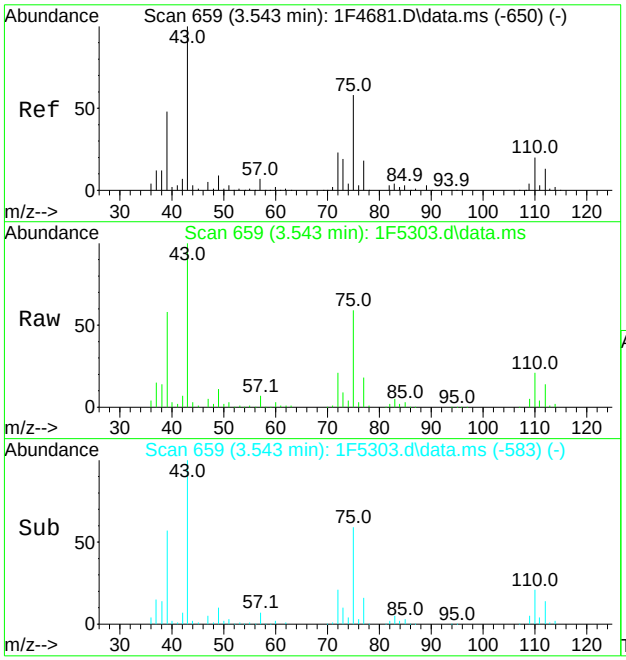


#45
cyclohexane
Concen: 48.4611 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 84 Resp: 165204

Ion	Ratio	Lower	Upper
84	100		
56	149.3	111.7	151.7
41	97.6	58.3	98.3

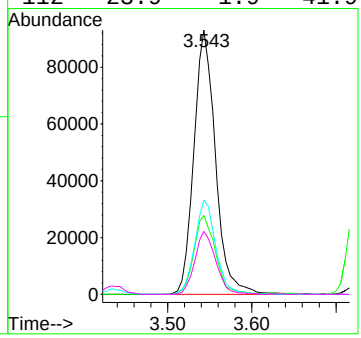


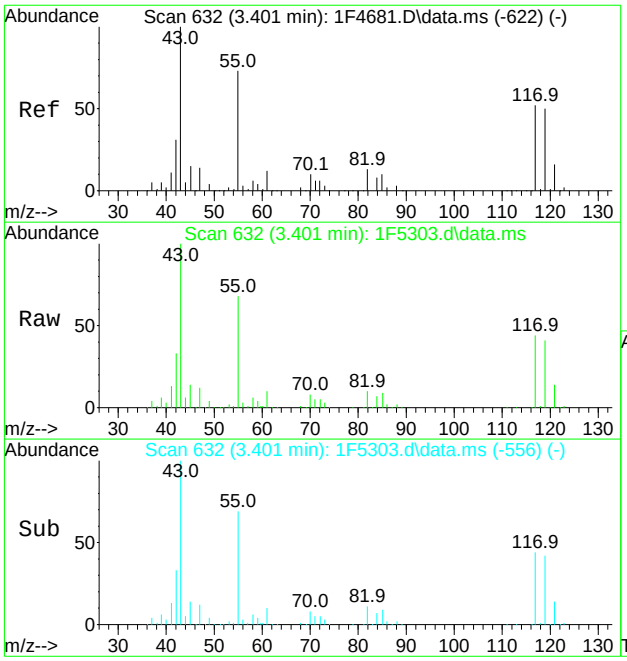


#46
1,1-dichloropropene
Concen: 50.6036 ug/L
RT: 3.543 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 75 Resp: 166132

Ion	Ratio	Lower	Upper
75	100		
77	29.9	10.1	50.1
110	35.6	14.5	54.5
112	23.9	1.9	41.9

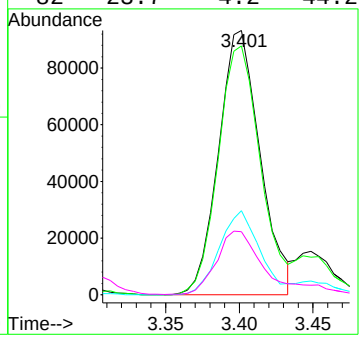


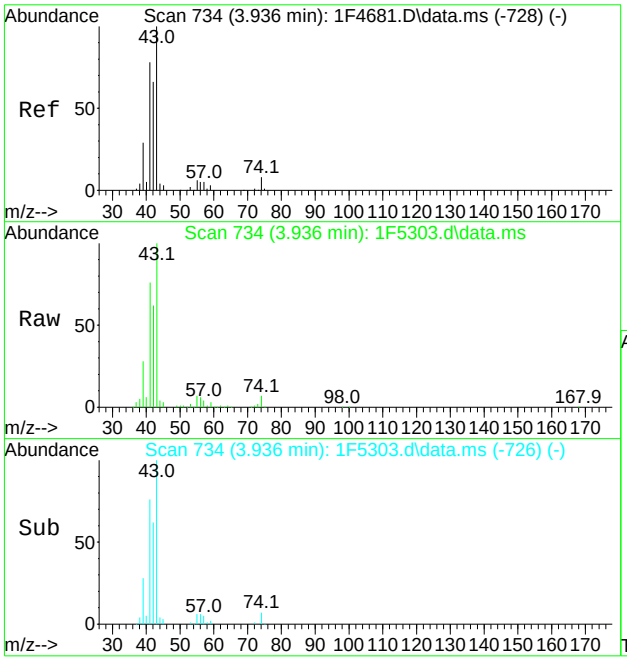


#47
carbon tetrachloride
Concen: 51.1282 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:117 Resp: 182829

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.2	115.2
121	31.9	10.5	50.5
82	23.7	4.2	44.2

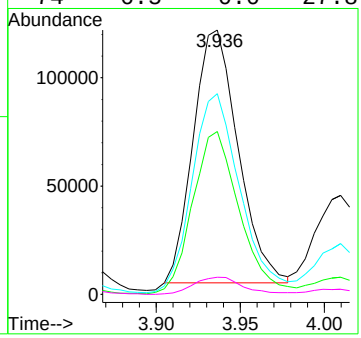


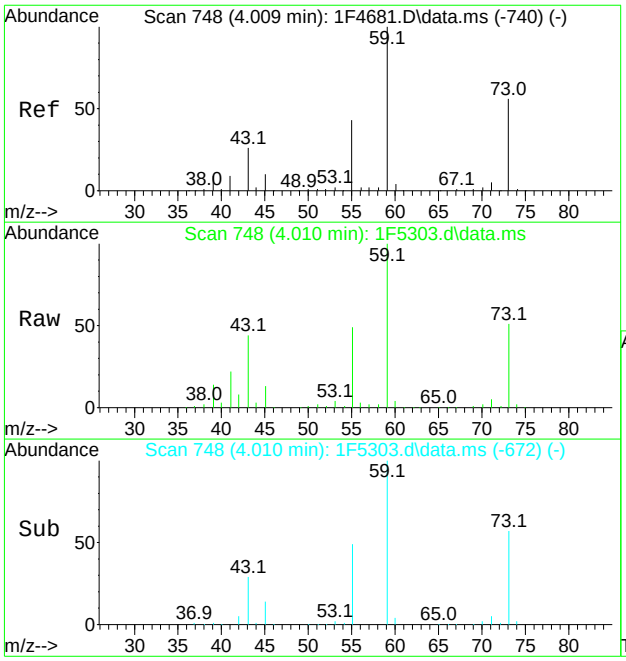


#48
isobutyl alcohol
Concen: 643.6393 ug/L
RT: 3.936 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 43 Resp: 217630

Ion	Ratio	Lower	Upper
43	100		
42	62.2	46.5	86.5
41	76.0	57.7	97.7
74	6.5	0.0	27.8

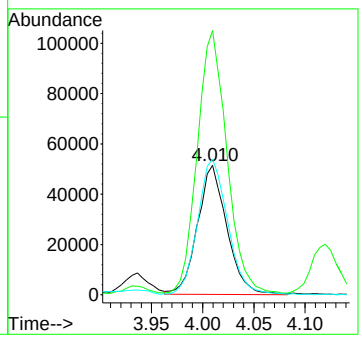


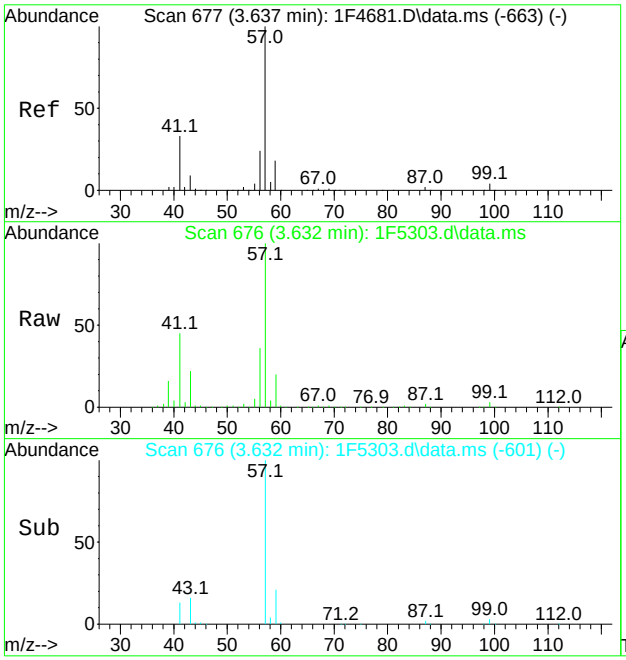


#49
tert-amyl alcohol
Concen: 290.5297 ug/L
RT: 4.010 min Scan# 748
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 55 Resp: 102701

Ion	Ratio	Lower	Upper
55	100		
59	204.5	207.4	247.4#
73	105.1	108.9	148.9#

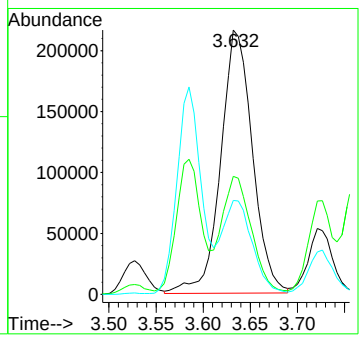


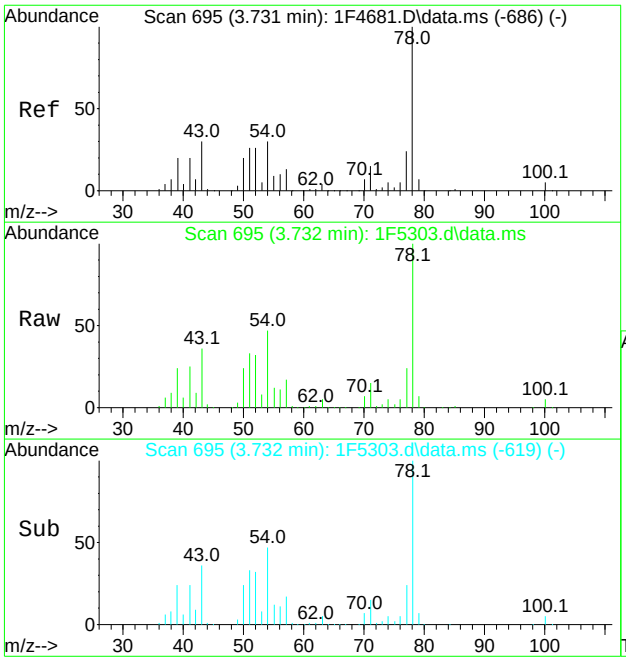


#52
iso-octane
Concen: 55.4307 ug/L
RT: 3.632 min Scan# 676
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 57 Resp: 506582

Ion	Ratio	Lower	Upper
57	100		
41	43.7	19.0	59.0
56	35.0	14.0	54.0

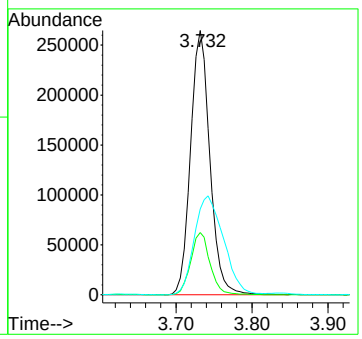


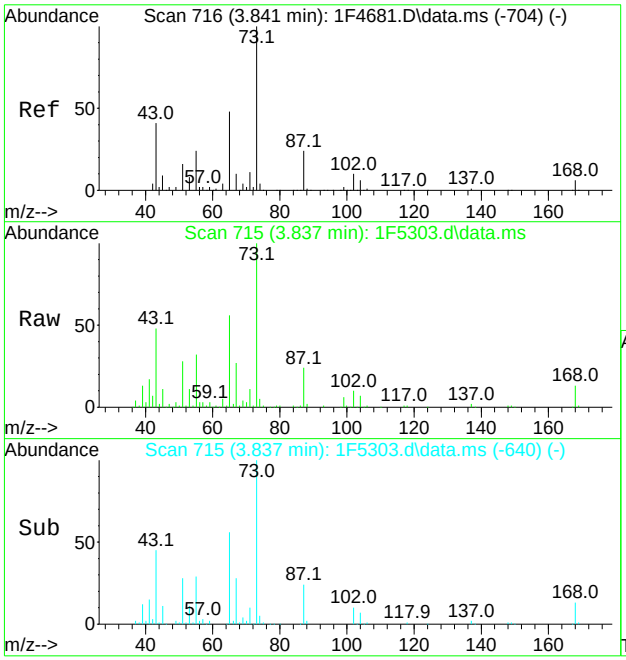


#53
benzene
Concen: 48.5765 ug/L
RT: 3.732 min Scan# 695
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 78 Resp: 467106

Ion	Ratio	Lower	Upper
78	100		
77	23.6	0.0	53.7
52	32.5	0.0	56.0

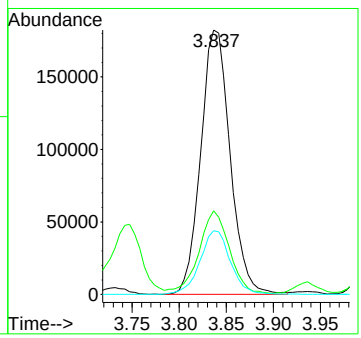


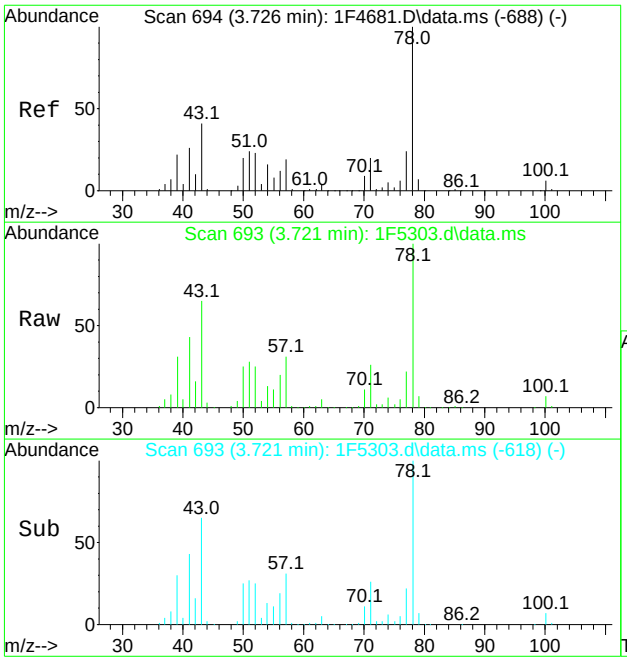


#54
tert-amyl methyl ether
Concen: 50.2276 ug/L
RT: 3.837 min Scan# 715
Delta R.T. -0.004 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 73 Resp: 396841

Ion	Ratio	Lower	Upper
73	100		
55	30.3	4.7	44.7
87	24.0	3.8	43.8

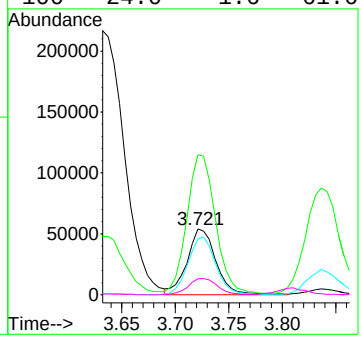


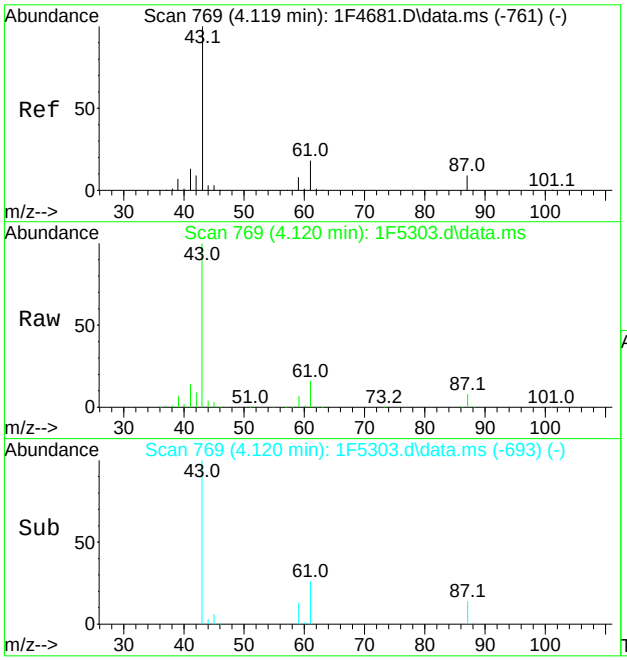


#55
heptane
Concen: 59.0009 ug/L
RT: 3.721 min Scan# 693
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 57 Resp: 101632

Ion	Ratio	Lower	Upper
57	100		
43	210.6	178.1	238.1
71	84.2	70.9	130.9
100	24.0	1.6	61.6

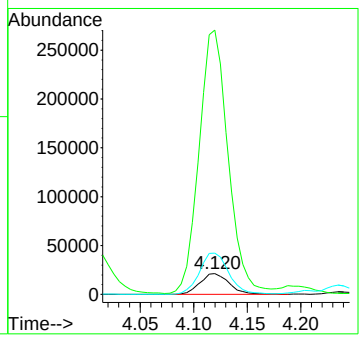


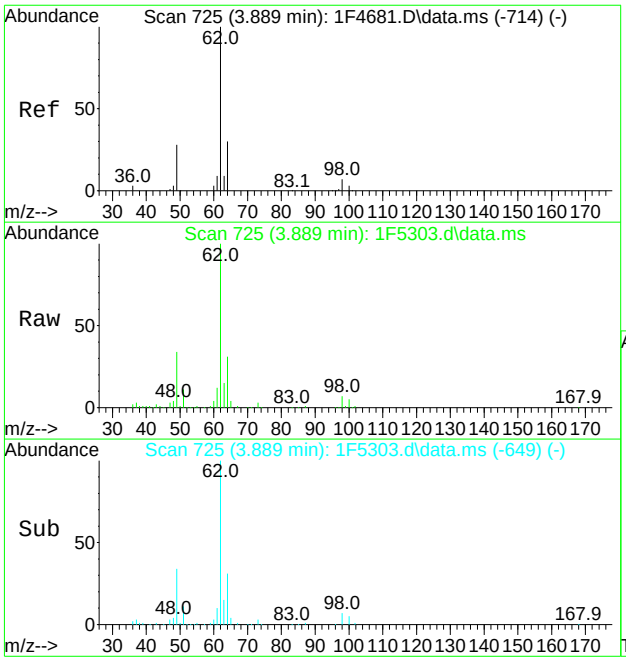


#56
isopropyl acetate
Concen: 50.6379 ug/L
RT: 4.120 min Scan# 769
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 87 Resp: 40704

Ion	Ratio	Lower	Upper
87	100		
43	1260.7	1045.8	1105.8#
61	198.1	166.3	226.3

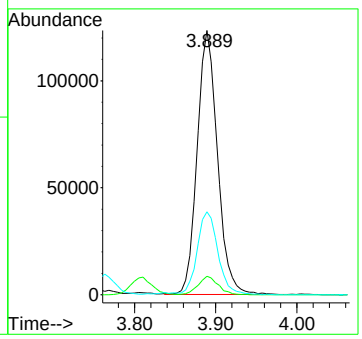


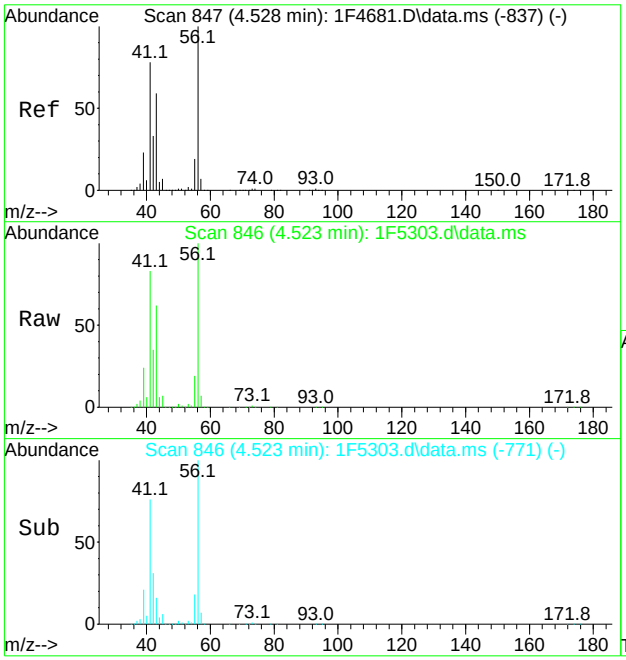


#57
1,2-dichloroethane
Concen: 51.0986 ug/L
RT: 3.889 min Scan# 725
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 62 Resp: 213954

Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	38.4
64	31.4	0.6	60.6

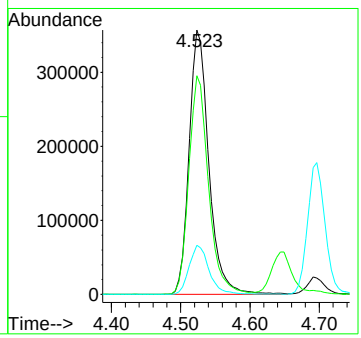


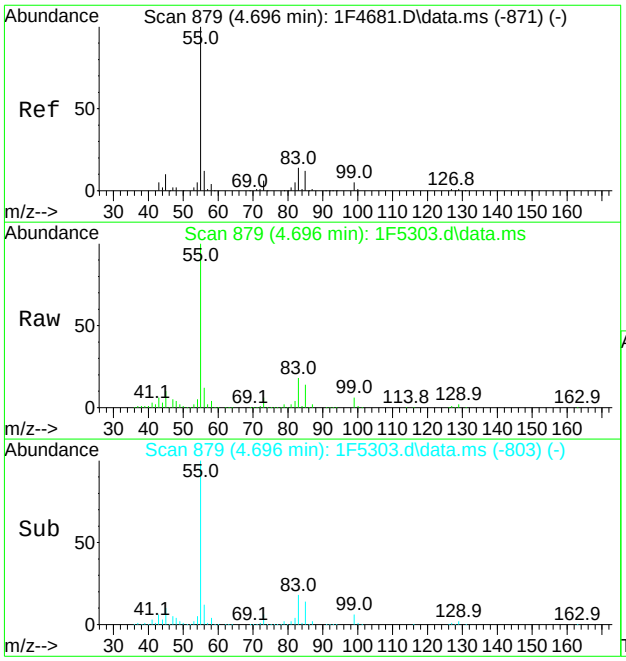


#58
n-butyl alcohol
Concen: 2992.1000 ug/L
RT: 4.523 min Scan# 846
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 56 Resp: 708280

Ion	Ratio	Lower	Upper
56	100		
41	82.6	58.4	98.4
55	18.5	0.0	38.7

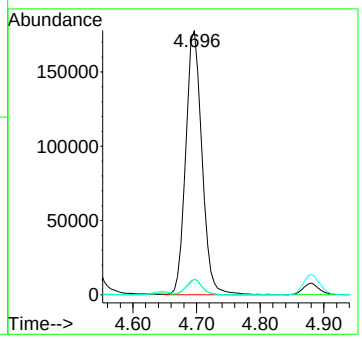


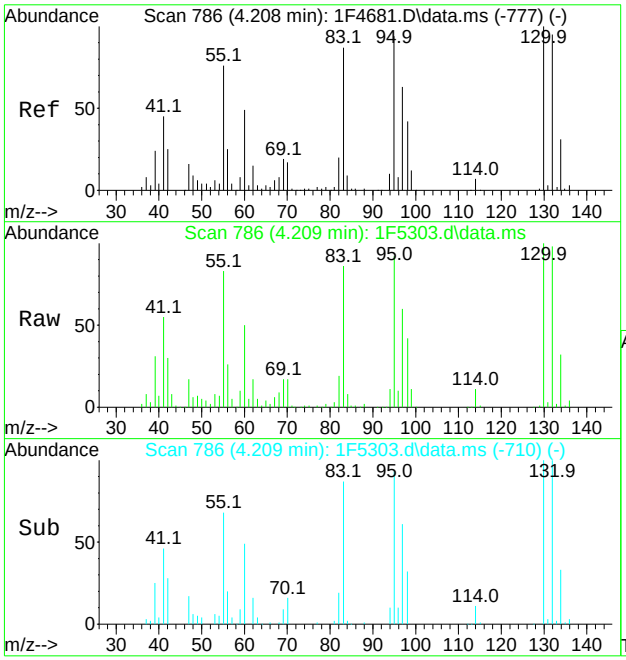


#59
ethyl acrylate
Concen: 58.1739 ug/L
RT: 4.696 min Scan# 879
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 55 Resp: 314414

Ion	Ratio	Lower	Upper
55	100		
73	6.0	0.0	36.5
99	5.8	0.0	36.3

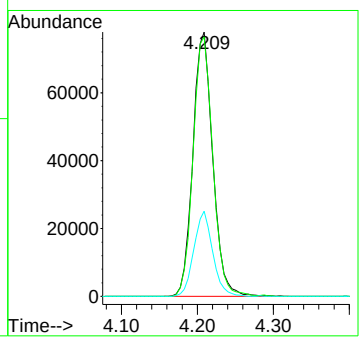


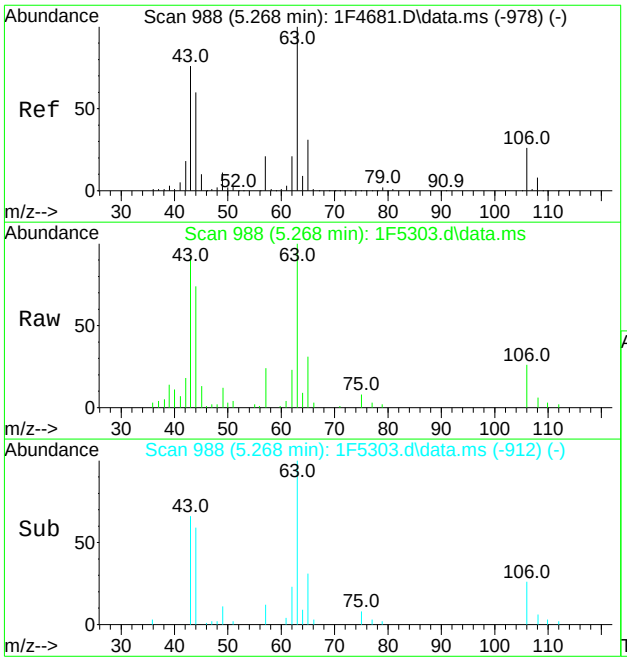


#60
trichloroethene
Concen: 48.7807 ug/L
RT: 4.209 min Scan# 786
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:130 Resp: 141071

Ion	Ratio	Lower	Upper
130	100		
132	98.1	65.1	125.1
134	32.3	0.7	60.7

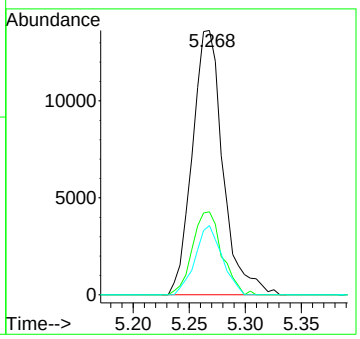


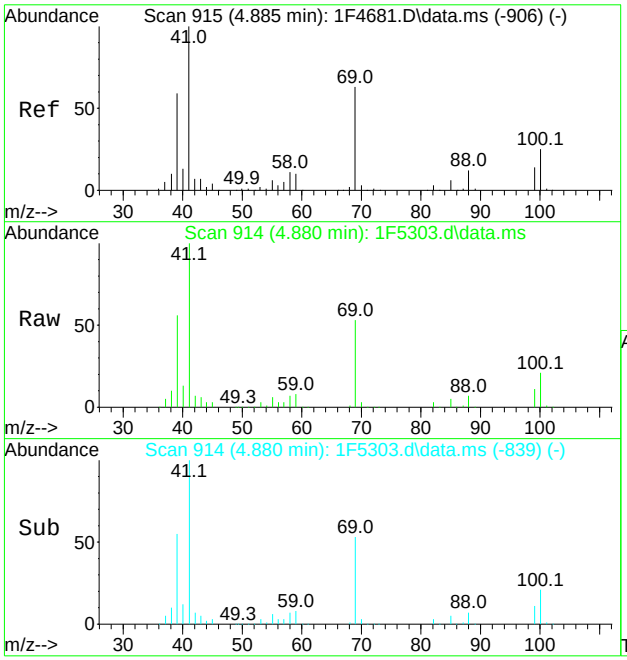


#62
2-chloroethyl vinyl ether
Concen: 12.5791 ug/L
RT: 5.268 min Scan# 988
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 63 Resp: 25928

Ion	Ratio	Lower	Upper
63	100		
65	31.4	1.4	61.4
106	26.2	0.0	55.6

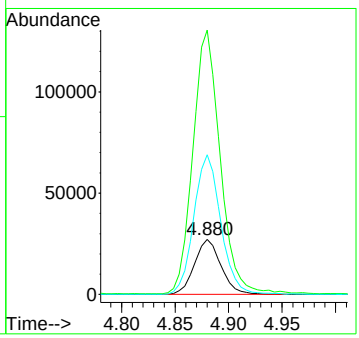


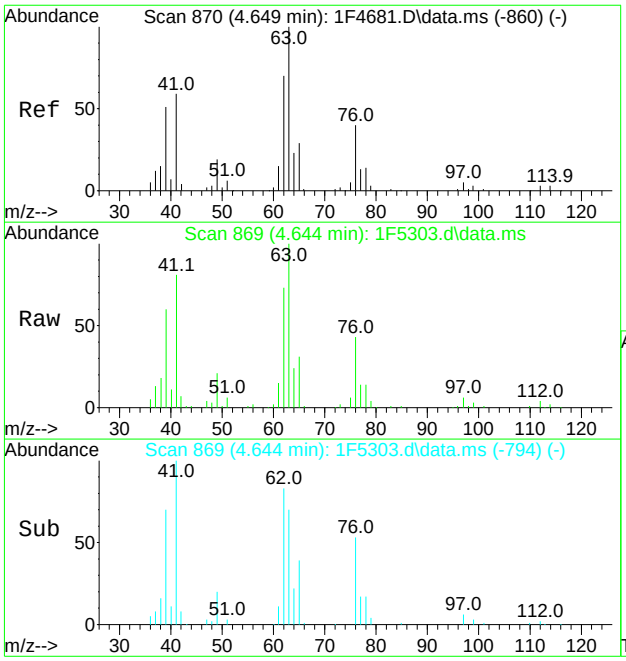


#63
methyl methacrylate
Concen: 53.5462 ug/L
RT: 4.880 min Scan# 914
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:100 Resp: 46693

Ion	Ratio	Lower	Upper
100	100		
41	480.2	371.0	431.0#
69	254.2	223.0	283.0

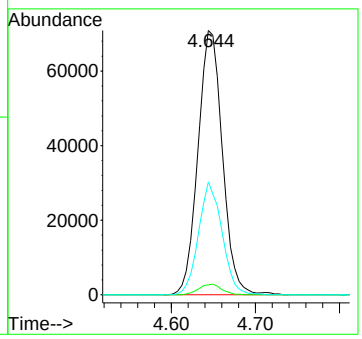


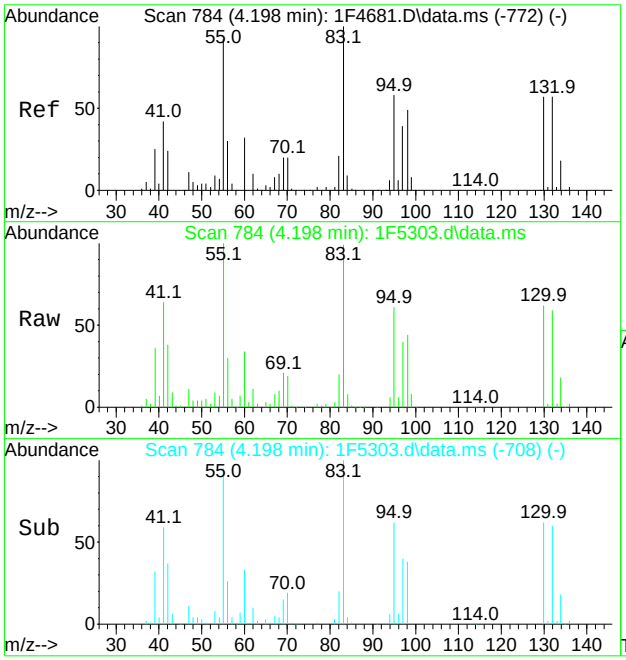


#64
1,2-dichloropropane
Concen: 52.6389 ug/L
RT: 4.644 min Scan# 869
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 63 Resp: 143237

Ion	Ratio	Lower	Upper
63	100		
112	3.8	0.0	33.3
76	42.7	10.3	70.3

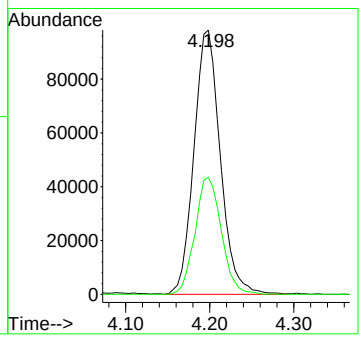


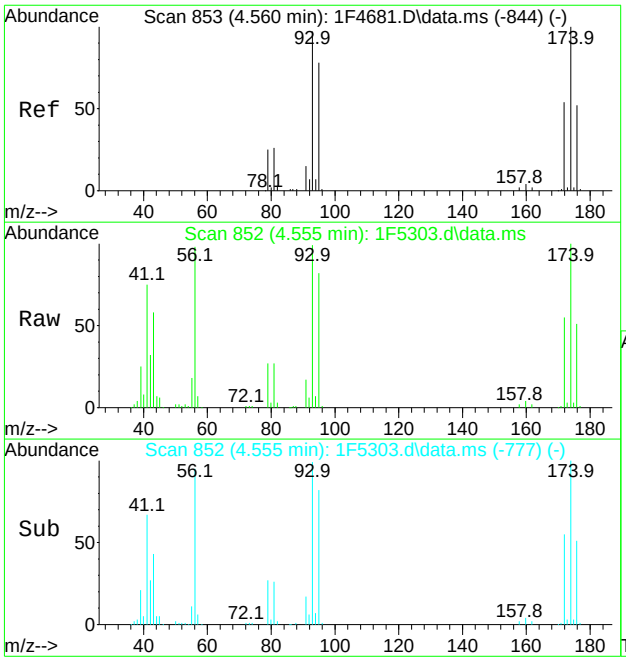


#65
methylcyclohexane
Concen: 54.4937 ug/L
RT: 4.198 min Scan# 784
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 55 Resp: 214002

Ion	Ratio	Lower	Upper
55	100		
98	44.3	22.3	82.3

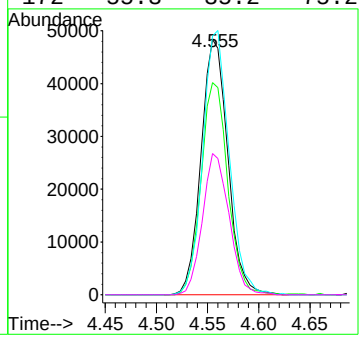


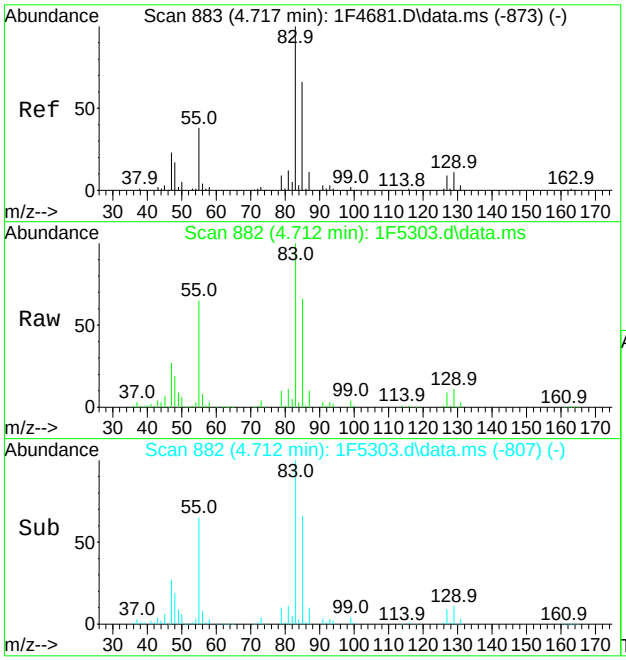


#66
dibromomethane
Concen: 48.2221 ug/L
RT: 4.555 min Scan# 852
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 93 Resp: 88133

Ion	Ratio	Lower	Upper
93	100		
95	83.1	50.3	110.3
174	101.3	73.1	133.1
172	55.3	35.2	75.2

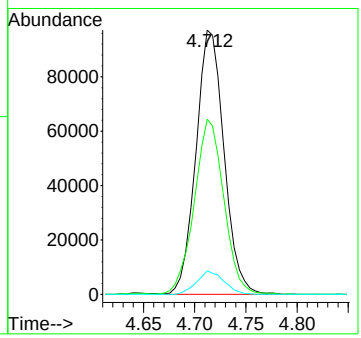


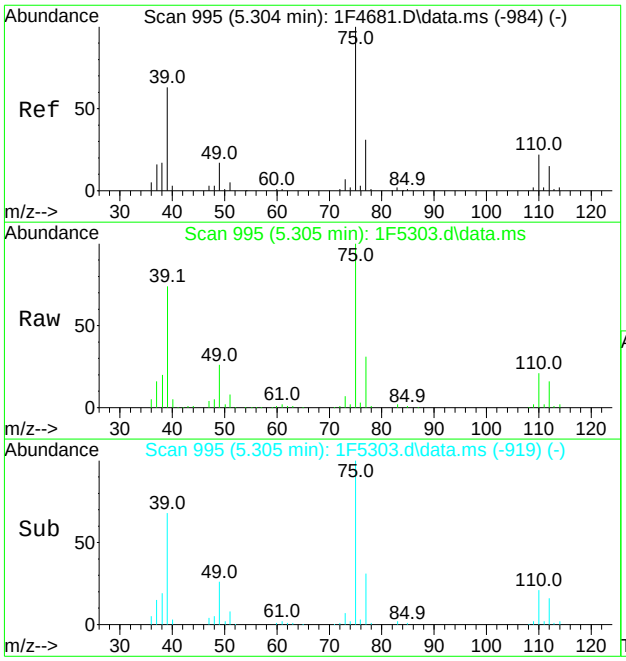


#67
bromodichloromethane
Concen: 51.8972 ug/L
RT: 4.712 min Scan# 882
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 83 Resp: 185737

Ion	Ratio	Lower	Upper
83	100		
85	66.1	36.2	96.2
127	8.9	0.0	39.3

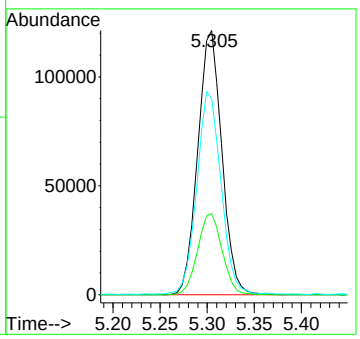


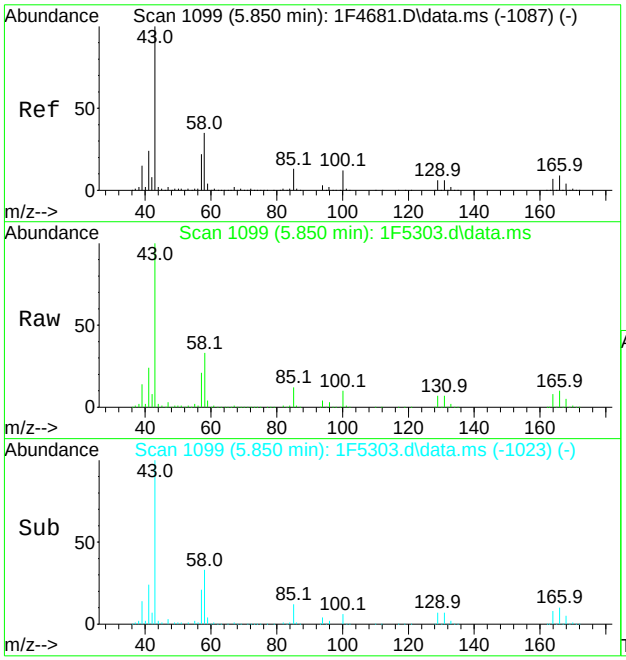


#69
cis-1,3-dichloropropene
Concen: 50.4562 ug/L
RT: 5.305 min Scan# 995
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 75 Resp: 215173

Ion	Ratio	Lower	Upper
75	100		
77	30.7	1.6	61.6
39	74.2	34.9	94.9

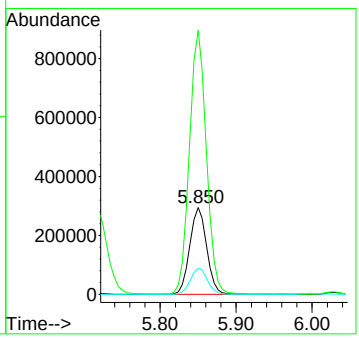


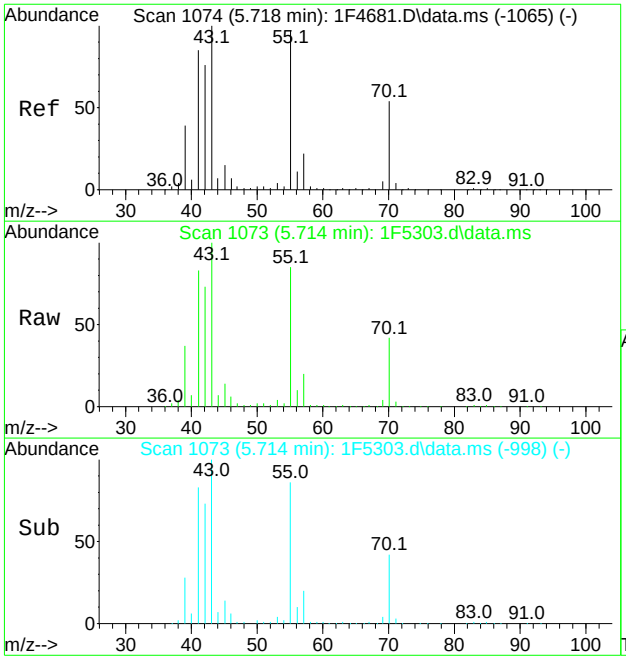


#70
4-methyl-2-pentanone
Concen: 235.5465 ug/L
RT: 5.850 min Scan# 1099
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 58 Resp: 454431

Ion	Ratio	Lower	Upper
58	100		
43	303.6	257.8	317.8
100	29.9	3.4	63.4

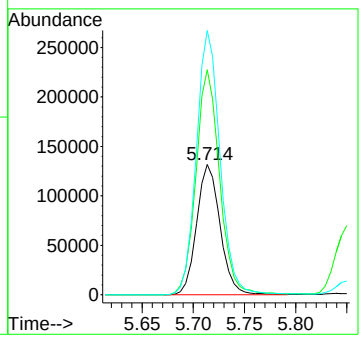


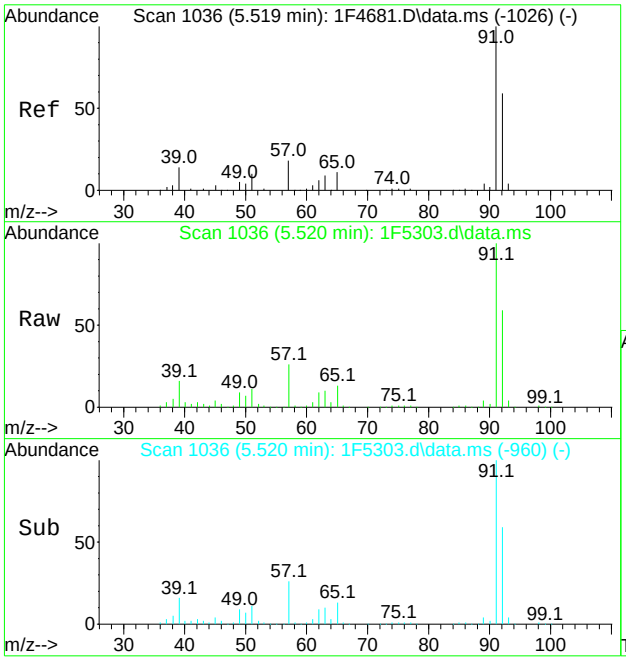


#71
3-methyl-1-butanol
Concen: 1102.2917 ug/L
RT: 5.714 min Scan# 1073
Delta R.T. -0.004 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 70 Resp: 210530

Ion	Ratio	Lower	Upper
70	100		
42	172.7	111.6	171.6#
55	202.9	150.0	210.0

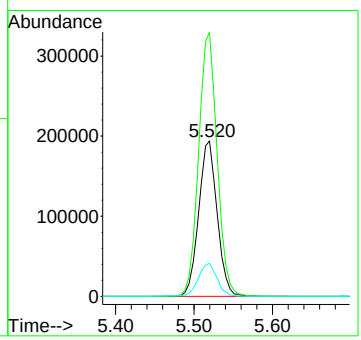


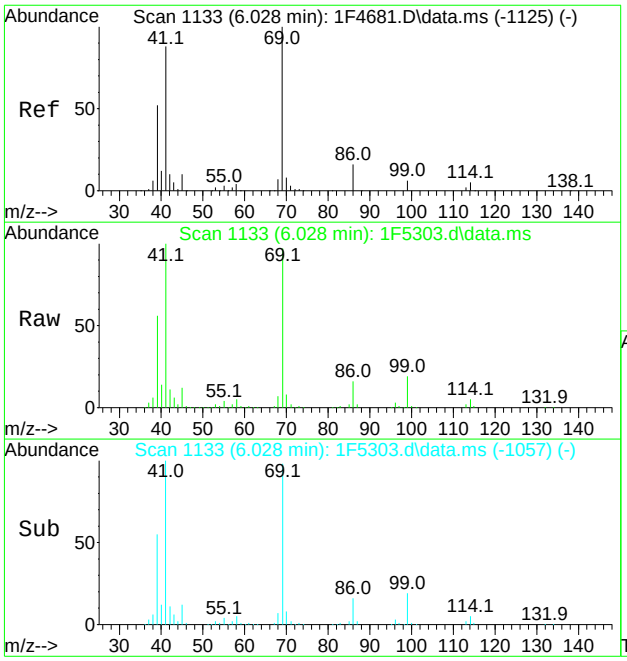


#74
toluene
Concen: 49.6831 ug/L
RT: 5.520 min Scan# 1036
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 92 Resp: 317086

Ion	Ratio	Lower	Upper
92	100		
91	170.0	149.7	189.7
65	21.3	0.0	39.3

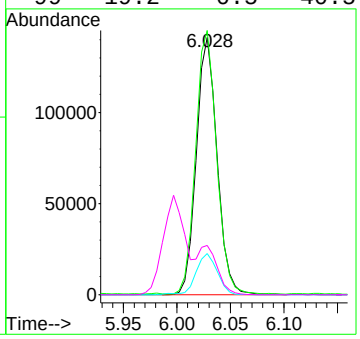


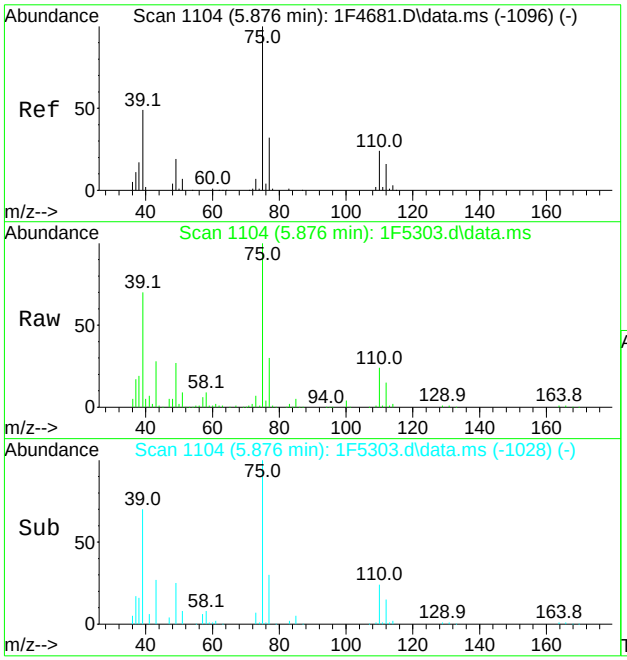


#75
ethyl methacrylate
Concen: 51.6628 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 69 Resp: 190574

Ion	Ratio	Lower	Upper
69	100		
41	102.5	68.4	108.4
86	16.0	0.0	35.9
99	19.2	0.5	40.5

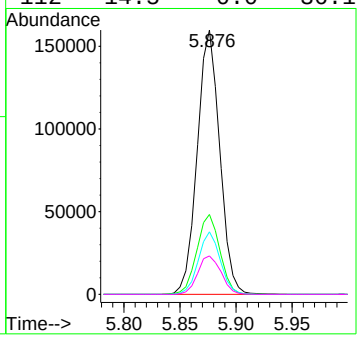


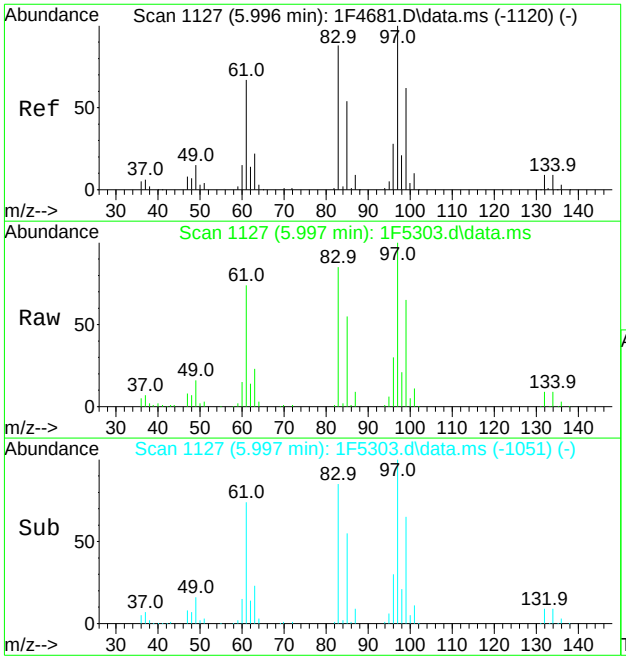


#76
trans-1,3-dichloropropene
Concen: 53.0695 ug/L
RT: 5.876 min Scan# 1104
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 75 Resp: 222524

Ion	Ratio	Lower	Upper
75	100		
77	30.2	11.9	51.9
110	23.6	4.0	44.0
112	14.5	0.0	36.1

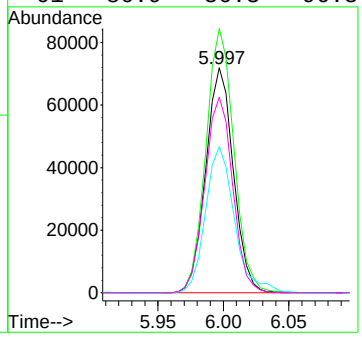


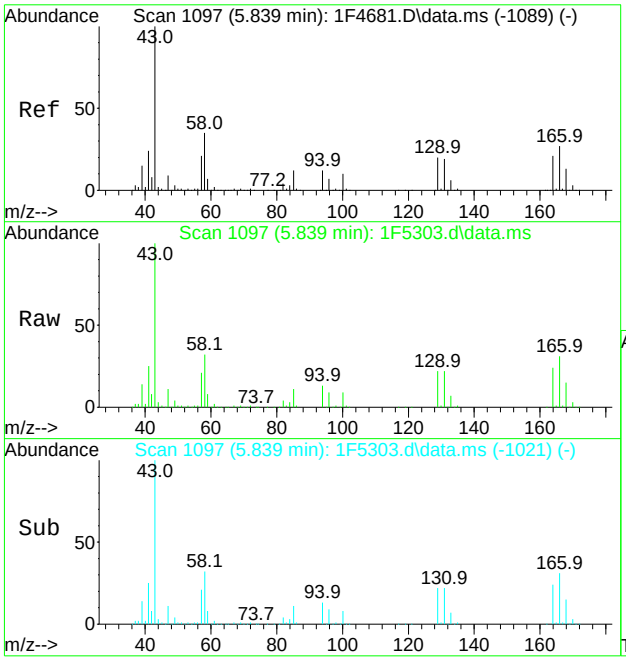


#77
1,1,2-trichloroethane
Concen: 49.0725 ug/L
RT: 5.997 min Scan# 1127
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 83 Resp: 106221

Ion	Ratio	Lower	Upper
83	100		
97	117.4	93.8	133.8
85	65.0	41.5	81.5
61	86.9	56.3	96.3

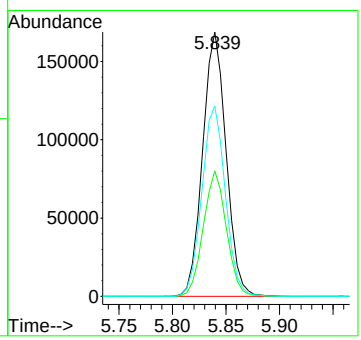


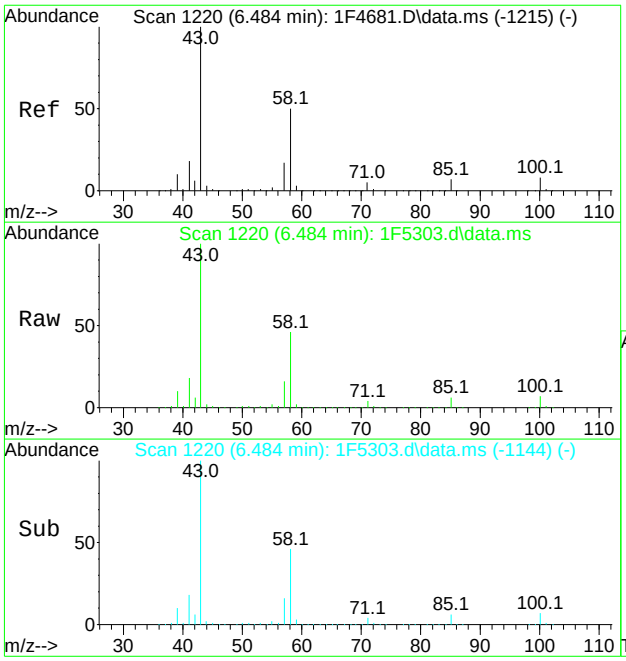


#78
tetrachloroethene
Concen: 85.2800 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:166 Resp: 257402

Ion	Ratio	Lower	Upper
166	100		
168	47.5	17.4	77.4
129	72.0	42.9	102.9

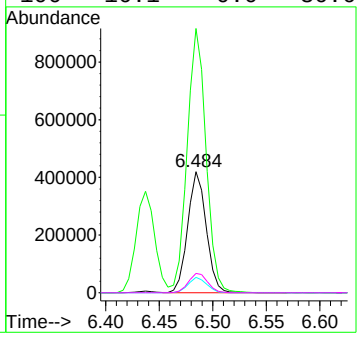


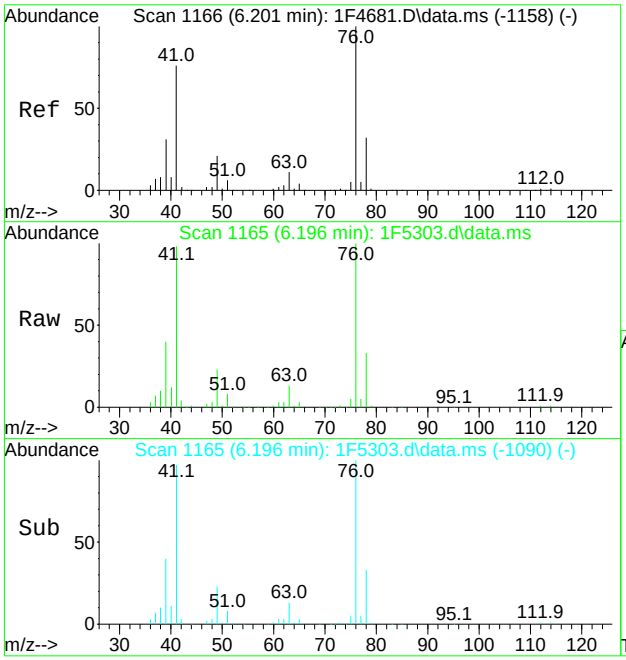


#79
2-hexanone
Concen: 235.3890 ug/L
RT: 6.484 min Scan# 1220
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 58 Resp: 508001

Ion	Ratio	Lower	Upper
58	100		
43	218.4	186.4	226.4
85	12.7	0.0	33.7
100	16.1	0.0	36.6

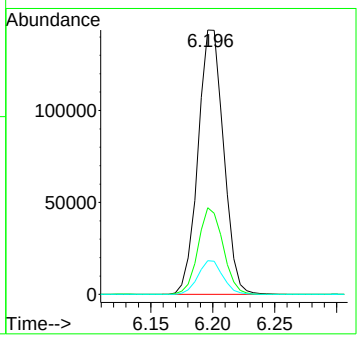


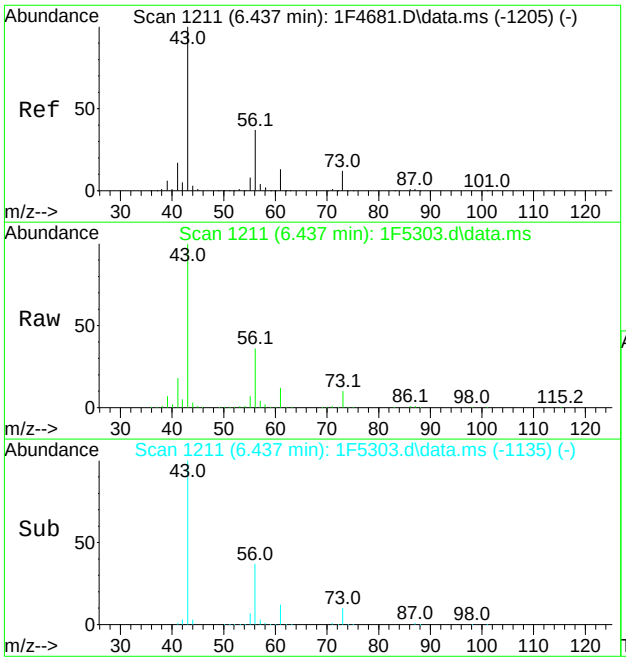


#80
1,3-dichloropropane
Concen: 49.3481 ug/L
RT: 6.196 min Scan# 1165
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 76 Resp: 206245

Ion	Ratio	Lower	Upper
76	100		
78	32.7	1.8	61.8
63	12.8	0.0	41.2

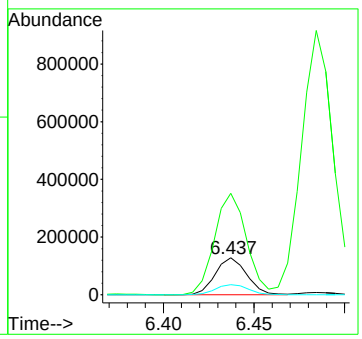


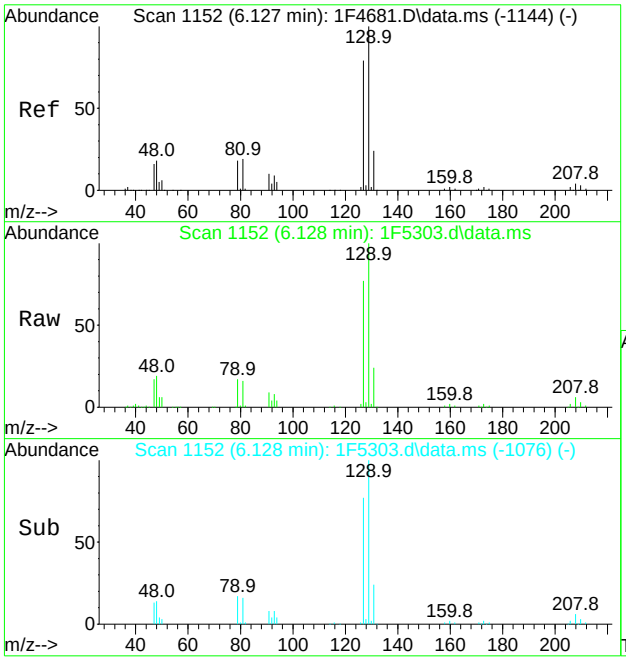


#81
butyl acetate
Concen: 59.3315 ug/L
RT: 6.437 min Scan# 1211
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 56 Resp: 155022

Ion	Ratio	Lower	Upper
56	100		
43	274.6	242.5	302.5
73	27.8	3.8	63.8

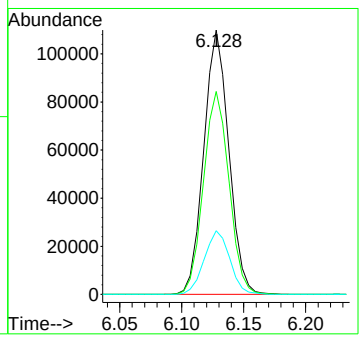


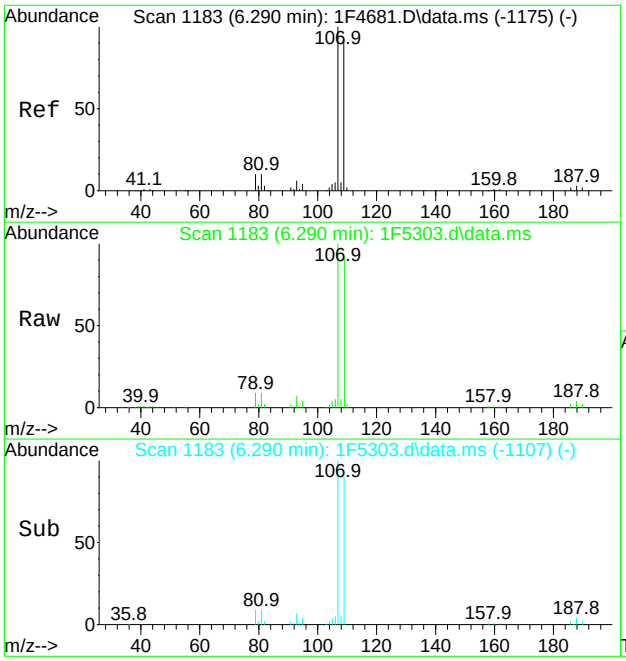


#82
dibromochloromethane
Concen: 52.0552 ug/L
RT: 6.128 min Scan# 1152
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:129 Resp: 154281

Ion	Ratio	Lower	Upper
129	100		
127	76.7	49.3	109.3
131	24.1	0.0	54.2

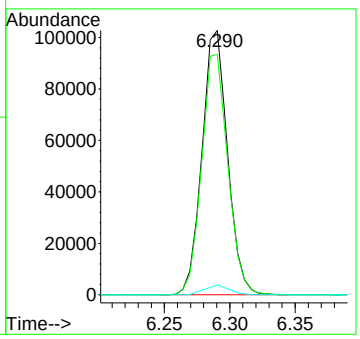


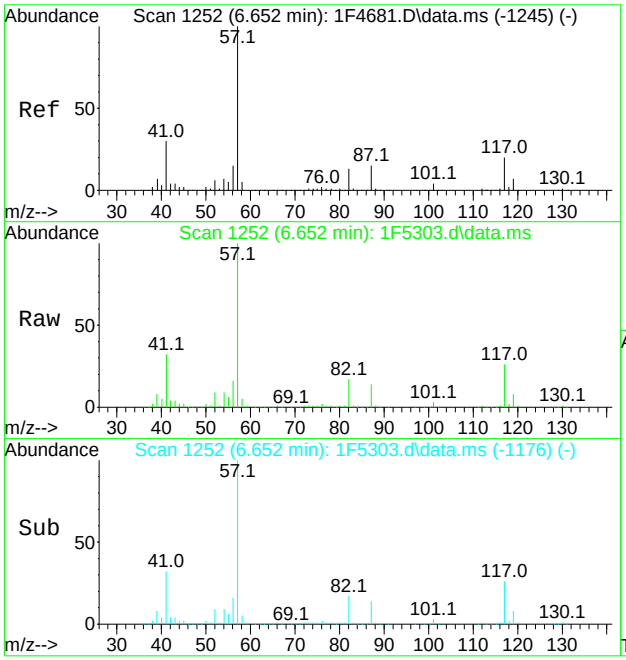


#83
1,2-dibromoethane
Concen: 48.7368 ug/L
RT: 6.290 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:107 Resp: 139460

Ion	Ratio	Lower	Upper
107	100		
109	90.9	62.2	122.2
188	3.7	0.0	33.1

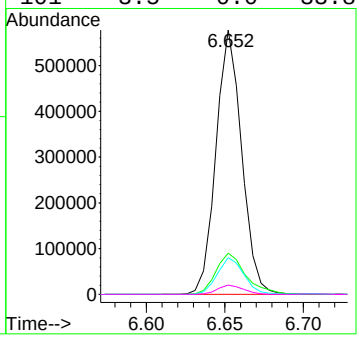


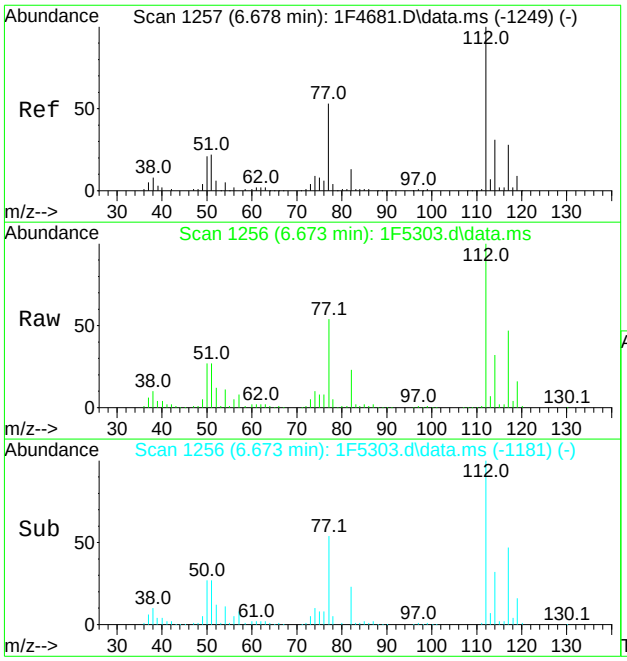


#84
n-butyl ether
Concen: 55.6259 ug/L
RT: 6.652 min Scan# 1252
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 57 Resp: 657041

Ion	Ratio	Lower	Upper
57	100		
56	15.6	0.0	45.2
87	13.9	0.0	45.1
101	3.5	0.0	33.8

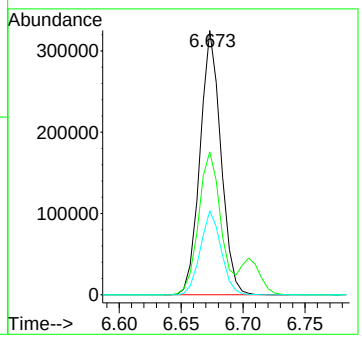


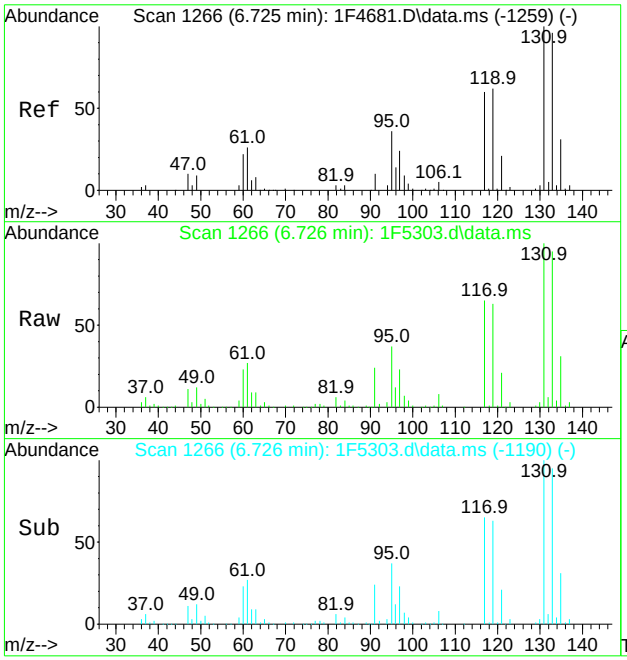


#85
chlorobenzene
Concen: 49.8439 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:112 Resp: 380567

Ion	Ratio	Lower	Upper
112	100		
77	54.0	23.0	83.0
114	31.8	0.9	60.9

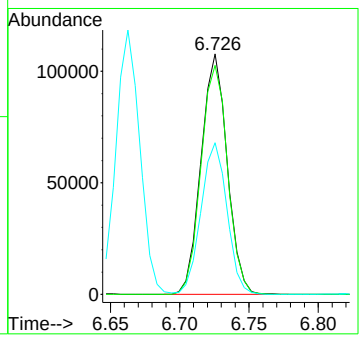


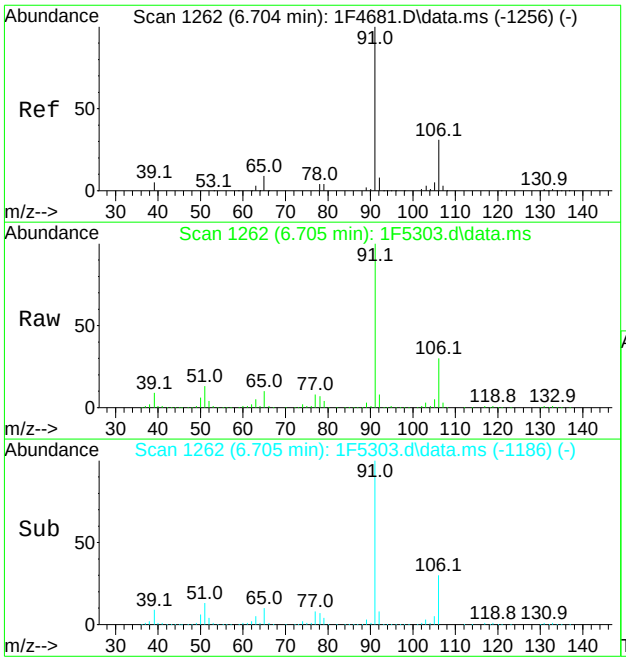


#86
1,1,1,2-tetrachloroethane
Concen: 53.3508 ug/L
RT: 6.726 min Scan# 1266
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:131 Resp: 140817

Ion	Ratio	Lower	Upper
131	100		
133	95.3	65.8	125.8
119	63.1	34.8	94.8

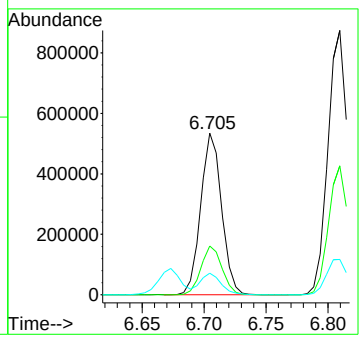


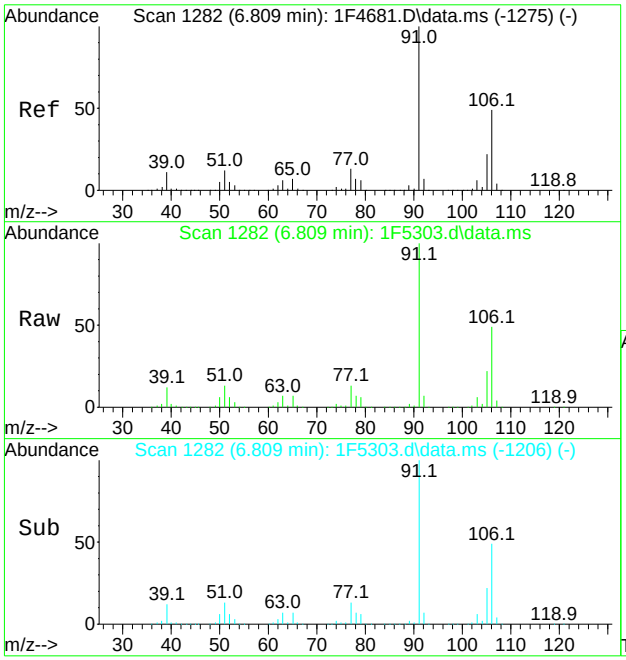


#87
ethylbenzene
Concen: 50.4278 ug/L
RT: 6.705 min Scan# 1262
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 91 Resp: 627646

Ion	Ratio	Lower	Upper
91	100		
106	30.2	1.1	61.1
51	13.4	0.0	41.8

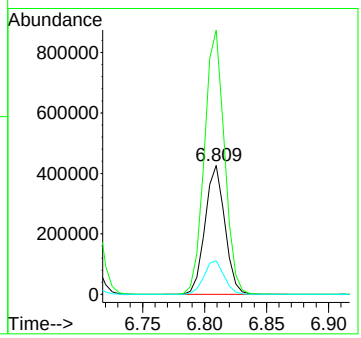


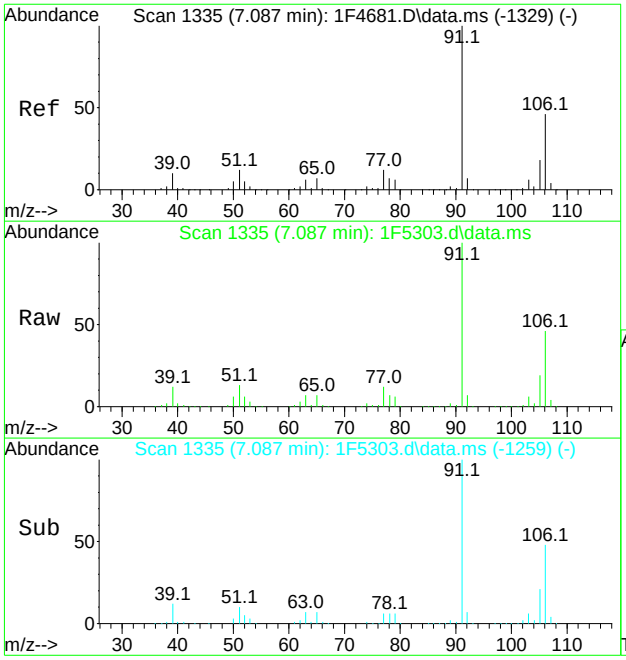


#88
m,p-xylene
Concen: 102.2149 ug/L
RT: 6.809 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:106 Resp: 474432

Ion	Ratio	Lower	Upper
106	100		
91	205.2	175.7	235.7
77	26.1	6.5	46.5

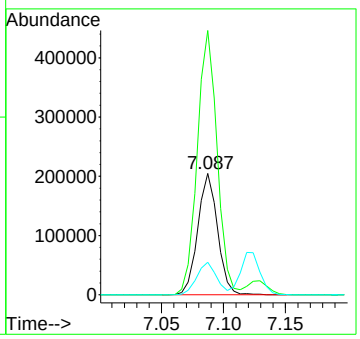


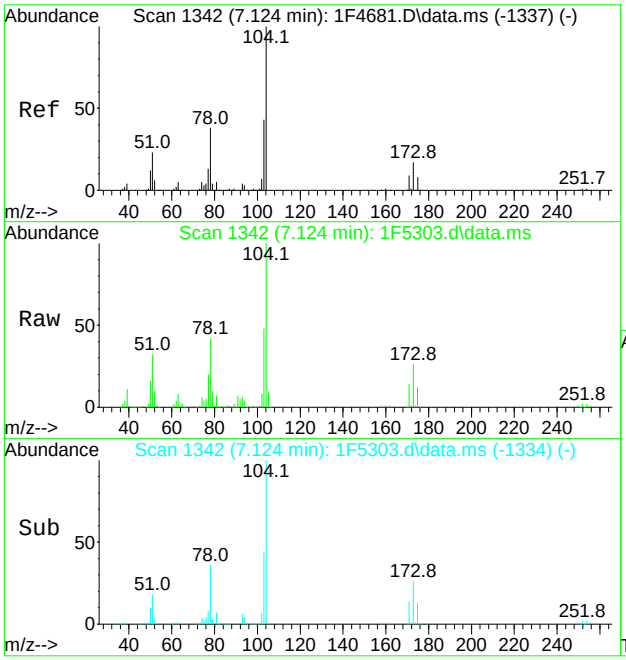


#89
o-xylene
Concen: 49.3944 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:106 Resp: 227574

Ion	Ratio	Lower	Upper
106	100		
91	217.9	187.1	247.1
77	26.9	5.8	45.8

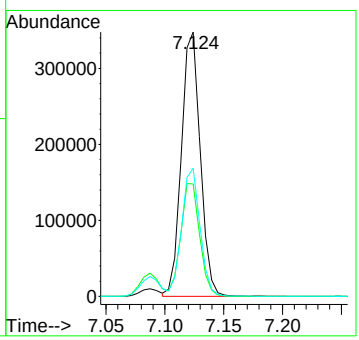


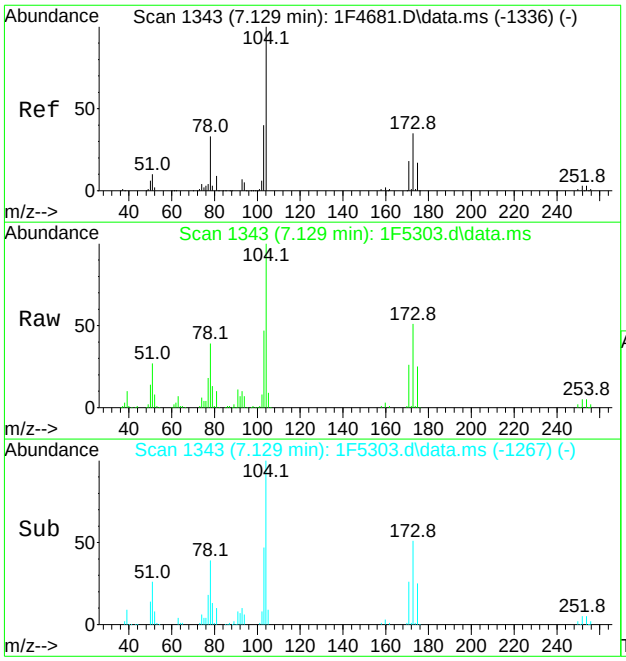


#90
styrene
Concen: 51.9028 ug/L
RT: 7.124 min Scan# 1342
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:104 Resp: 387800

Ion	Ratio	Lower	Upper
104	100		
78	42.5	11.5	71.5
103	48.5	16.4	76.4

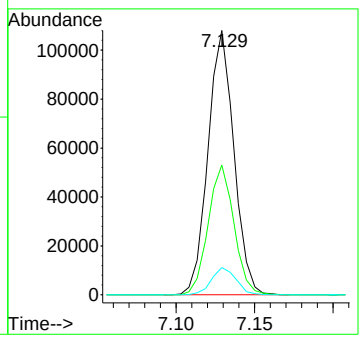


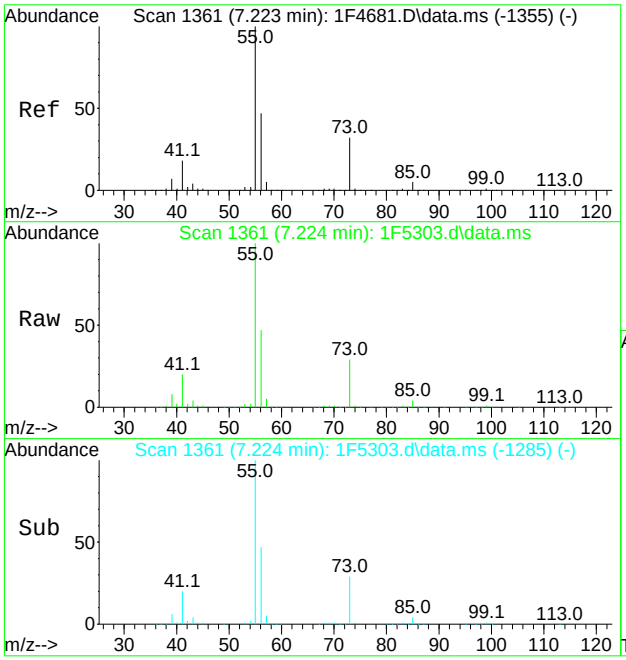


#91
bromoform
Concen: 55.4110 ug/L
RT: 7.129 min Scan# 1343
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:173 Resp: 124159

Ion	Ratio	Lower	Upper
173	100		
175	49.1	18.2	78.2
254	10.3	0.0	39.2

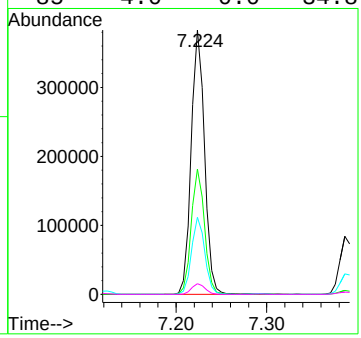


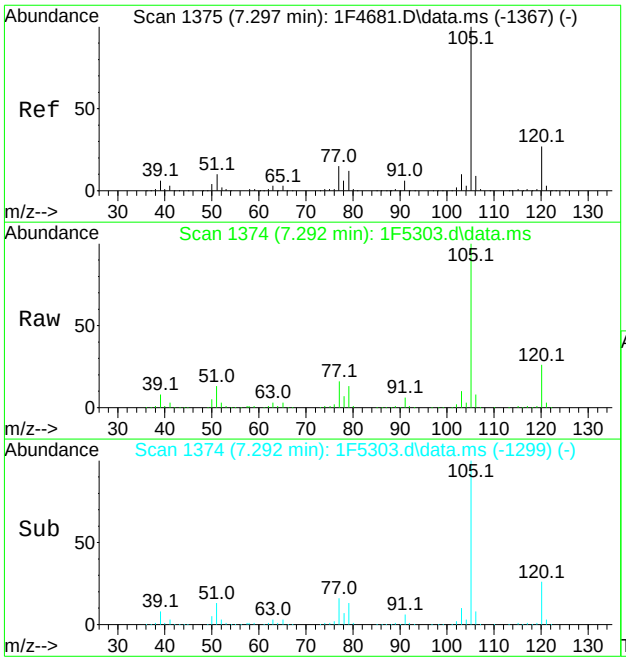


#92
butyl acrylate
Concen: 59.3473 ug/L
RT: 7.224 min Scan# 1361
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 55 Resp: 395963

Ion	Ratio	Lower	Upper
55	100		
56	47.4	16.7	76.7
73	29.2	1.8	61.8
85	4.0	0.0	34.8

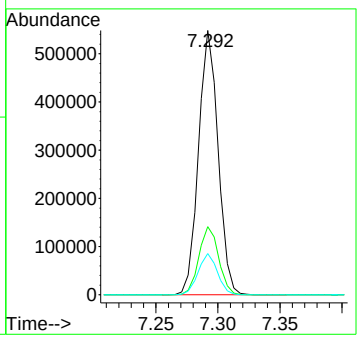


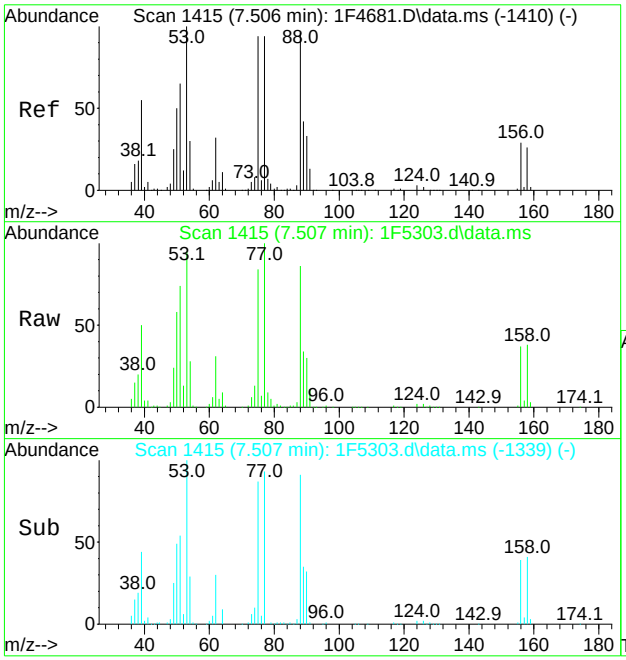


#93
isopropylbenzene
Concen: 51.1909 ug/L
RT: 7.292 min Scan# 1374
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:105 Resp: 602270

Ion	Ratio	Lower	Upper
105	100		
120	25.8	7.4	47.4
77	15.6	0.0	35.0

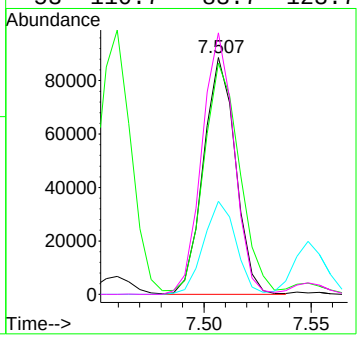


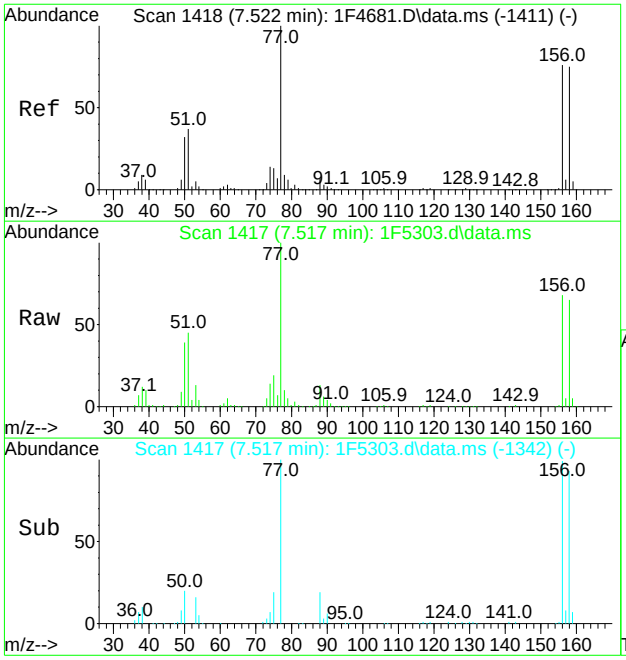


#94
cis-1,4-dichloro-2-butene
Concen: 56.6776 ug/L
RT: 7.507 min Scan# 1415
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 88 Resp: 92638

Ion	Ratio	Lower	Upper
88	100		
75	96.4	77.0	117.0
89	39.5	23.1	63.1
53	110.7	83.7	123.7

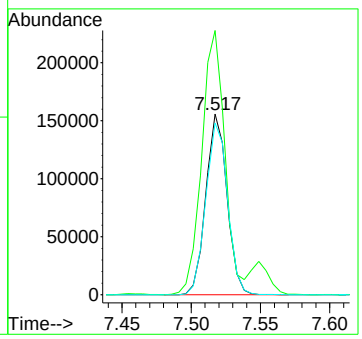


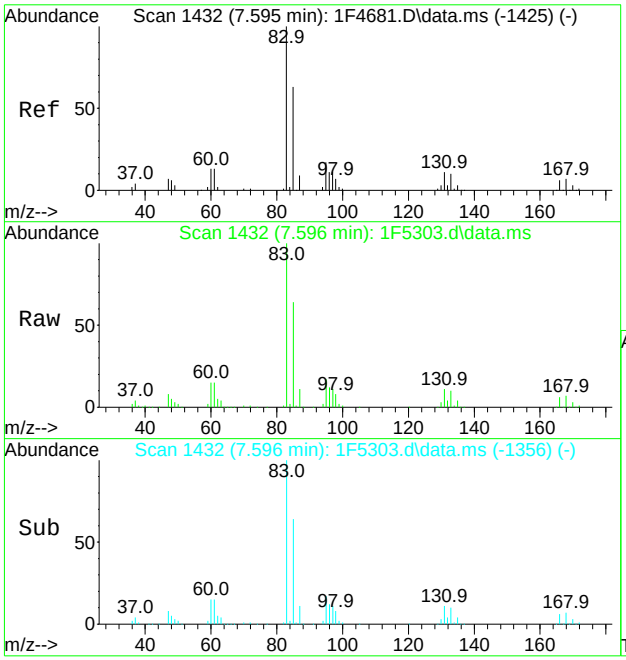


#97
bromobenzene
Concen: 50.4933 ug/L
RT: 7.517 min Scan# 1417
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:156 Resp: 165030

Ion	Ratio	Lower	Upper
156	100		
77	146.3	100.9	160.9
158	95.2	68.7	128.7

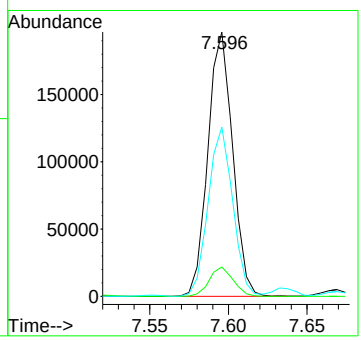


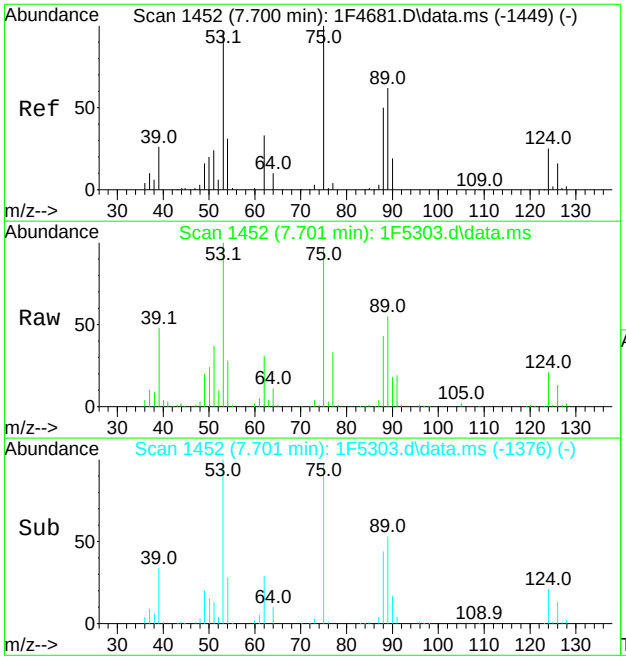


#98
1,1,2,2-tetrachloroethane
Concen: 53.6208 ug/L
RT: 7.596 min Scan# 1432
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 83 Resp: 215716

Ion	Ratio	Lower	Upper
83	100		
131	11.1	0.0	40.8
85	63.8	33.2	93.2

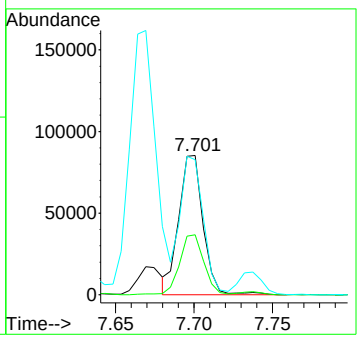


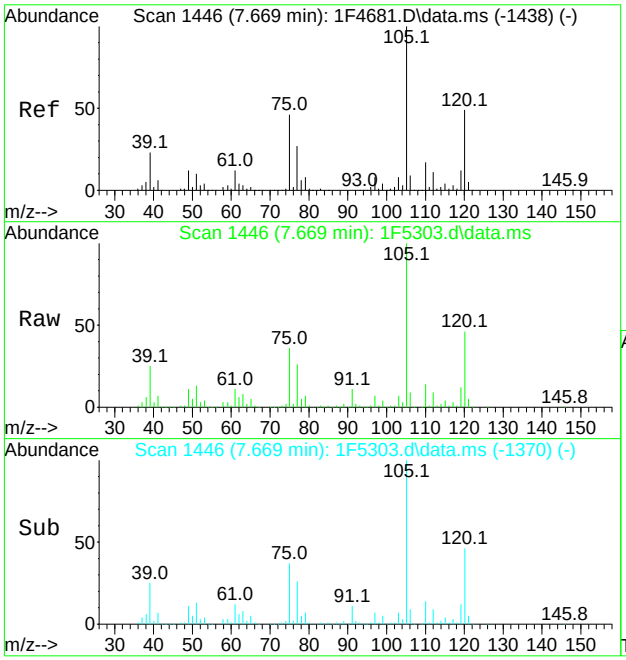


#99
trans-1,4-dichloro-2-butene
Concen: 62.7378 ug/L
RT: 7.701 min Scan# 1452
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 53 Resp: 92146

Ion	Ratio	Lower	Upper
53	100		
88	43.0	18.2	78.2
75	96.6	87.5	147.5

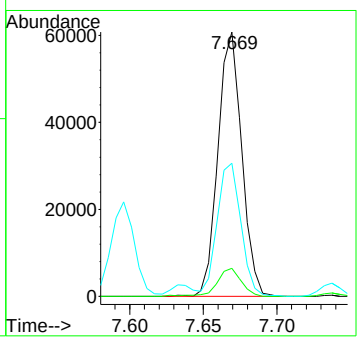


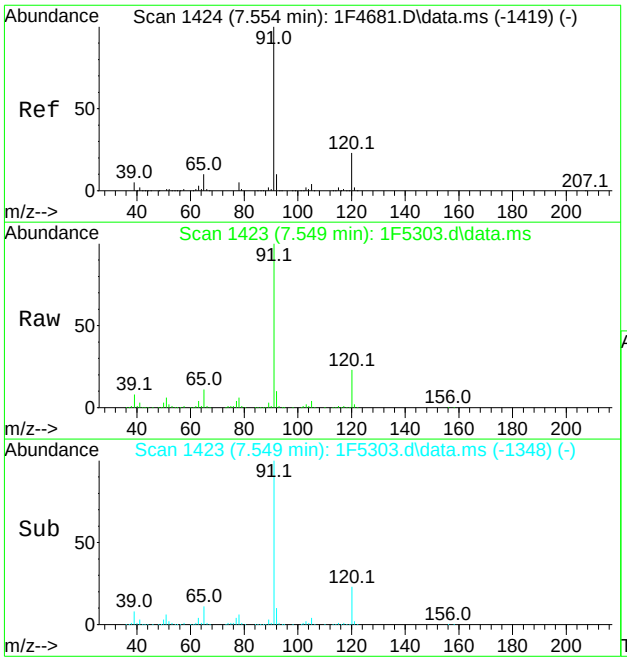


#100
1,2,3-trichloropropane
Concen: 50.5854 ug/L
RT: 7.669 min Scan# 1446
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:110 Resp: 68155

Ion	Ratio	Lower	Upper
110	100		
111	10.6	0.0	40.2
97	50.4	18.4	78.4

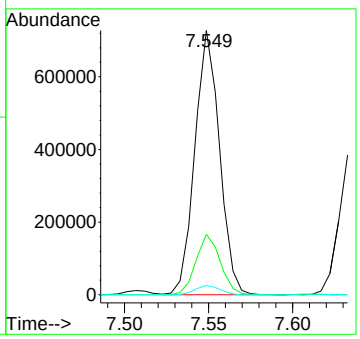


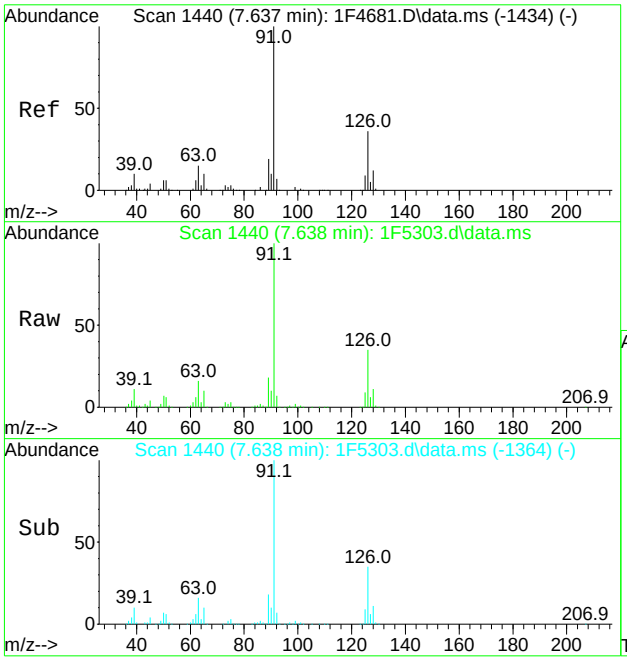


#101
n-propylbenzene
Concen: 50.8664 ug/L
RT: 7.549 min Scan# 1423
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 91 Resp: 740346

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	52.5
105	3.5	0.0	33.7

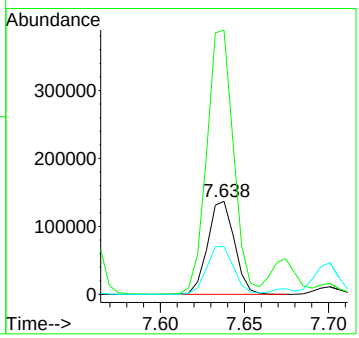


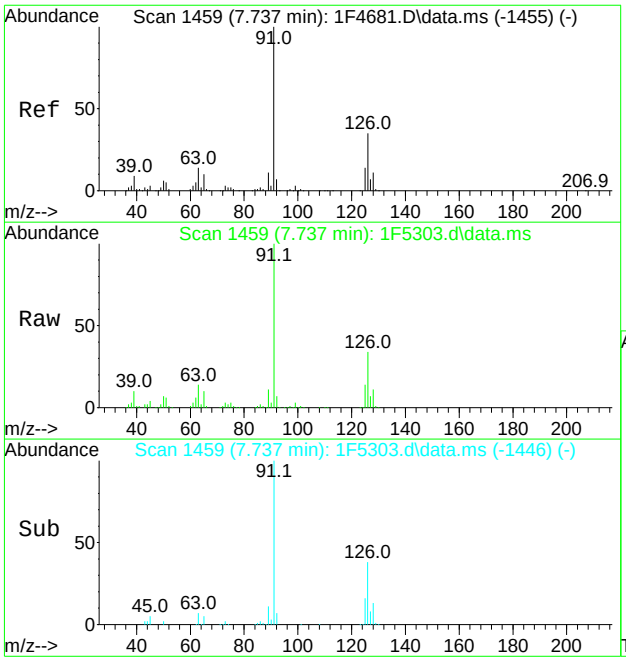


#102
2-chlorotoluene
Concen: 50.7378 ug/L
RT: 7.638 min Scan# 1440
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:126 Resp: 151267

Ion	Ratio	Lower	Upper
126	100		
91	283.8	247.5	307.5
89	51.3	21.5	81.5

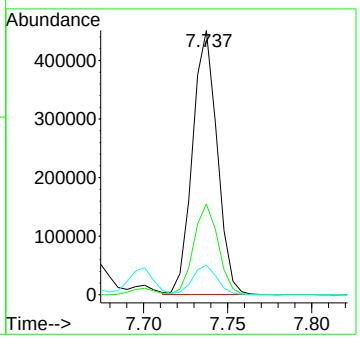


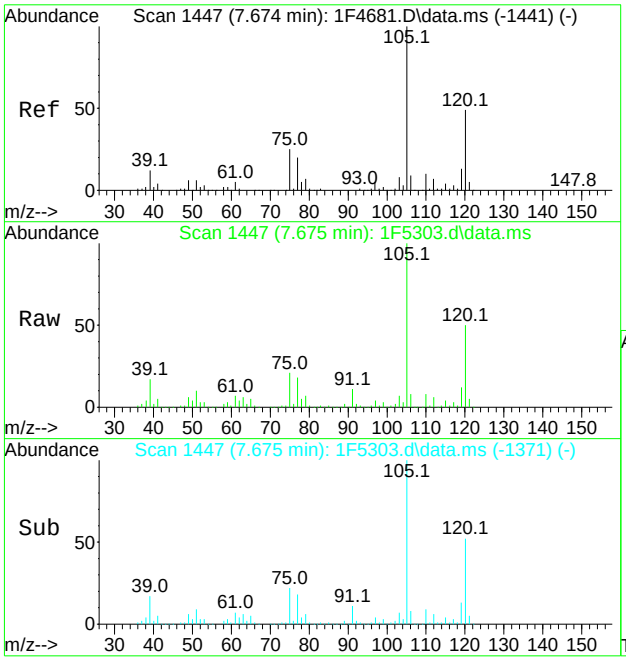


#103
4-chlorotoluene
Concen: 50.7272 ug/L
RT: 7.737 min Scan# 1459
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 91 Resp: 459042

Ion	Ratio	Lower	Upper
91	100		
126	34.3	4.6	64.6
89	11.2	0.0	41.6

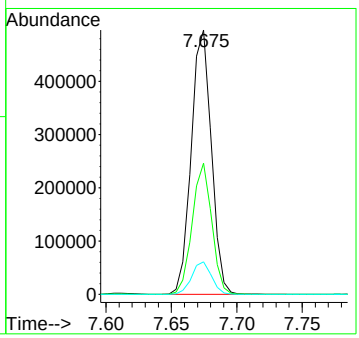


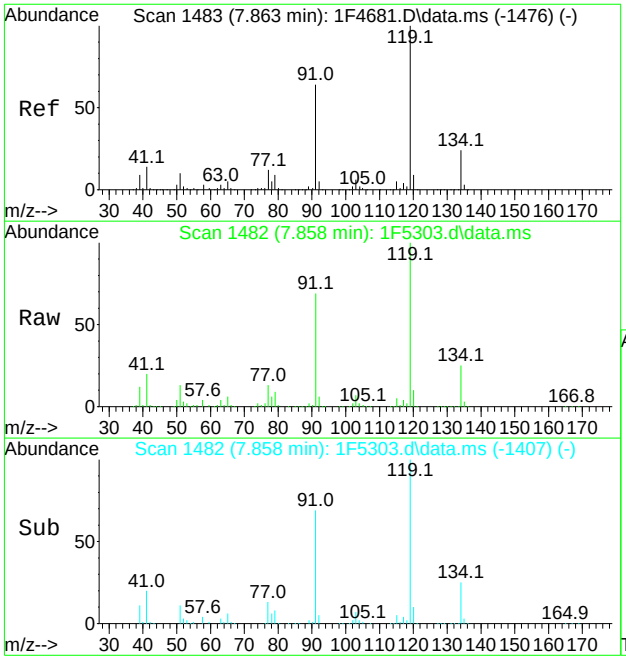


#104
1,3,5-trimethylbenzene
Concen: 52.1804 ug/L
RT: 7.675 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:105 Resp: 531831

Ion	Ratio	Lower	Upper
105	100		
120	49.6	18.8	78.8
119	12.3	0.0	42.6

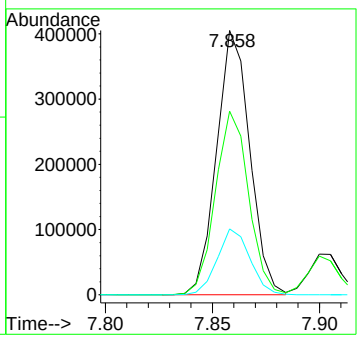


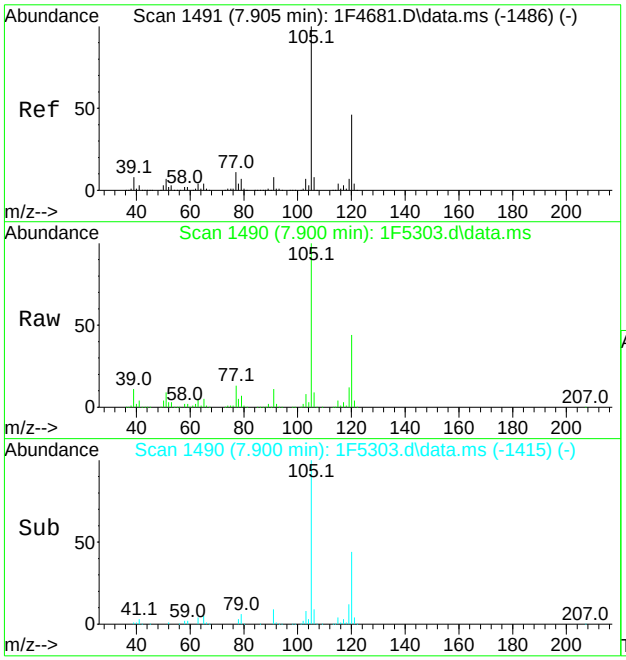


#105
tert-butylbenzene
Concen: 49.8472 ug/L
RT: 7.858 min Scan# 1482
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:119 Resp: 437171

Ion	Ratio	Lower	Upper
119	100		
91	69.4	33.5	93.5
134	24.9	0.0	54.1

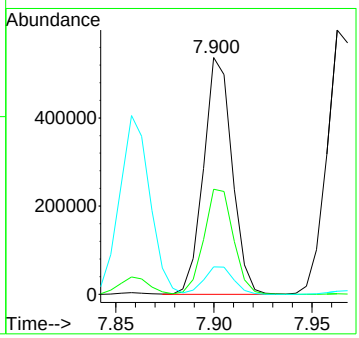


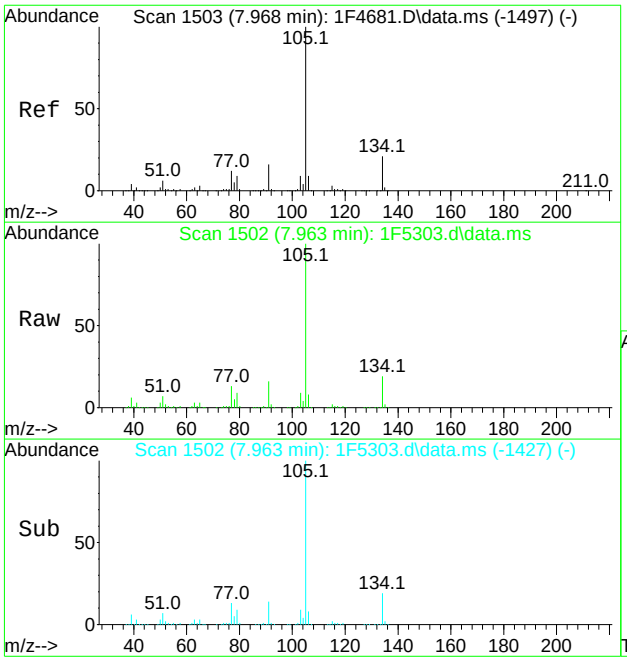


#106
1,2,4-trimethylbenzene
Concen: 51.3637 ug/L
RT: 7.900 min Scan# 1490
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:105 Resp: 545634

Ion	Ratio	Lower	Upper
105	100		
120	44.4	16.3	76.3
119	11.6	0.0	41.6

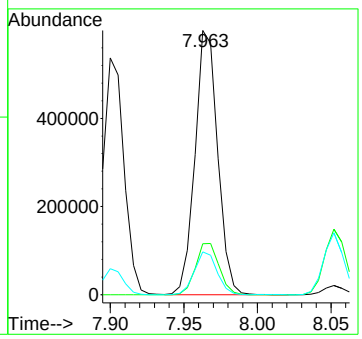


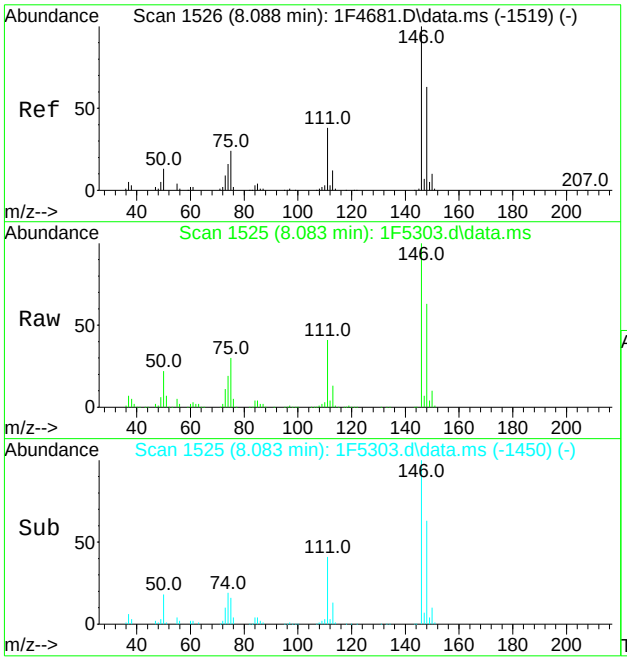


#107
sec-butylbenzene
Concen: 51.3148 ug/L
RT: 7.963 min Scan# 1502
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:105 Resp: 643023

Ion	Ratio	Lower	Upper
105	100		
134	19.4	0.0	50.6
91	16.3	0.0	45.9

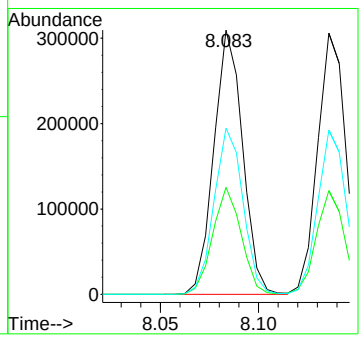


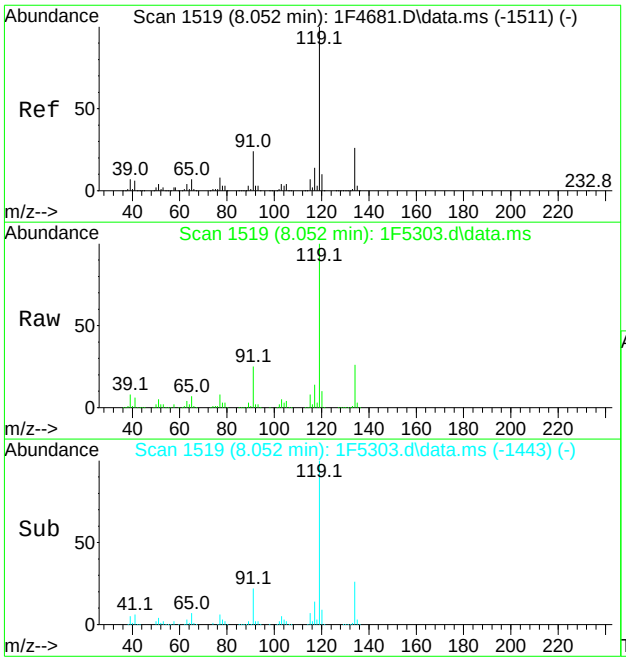


#108
1,3-dichlorobenzene
Concen: 50.8315 ug/L
RT: 8.083 min Scan# 1525
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:146 Resp: 315456

Ion	Ratio	Lower	Upper
146	100		
111	40.5	7.9	67.9
148	62.8	33.0	93.0

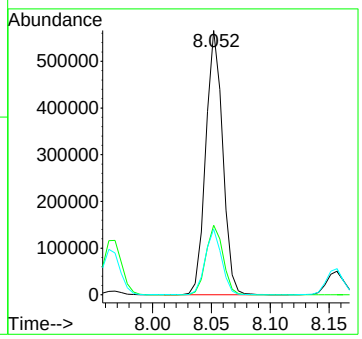


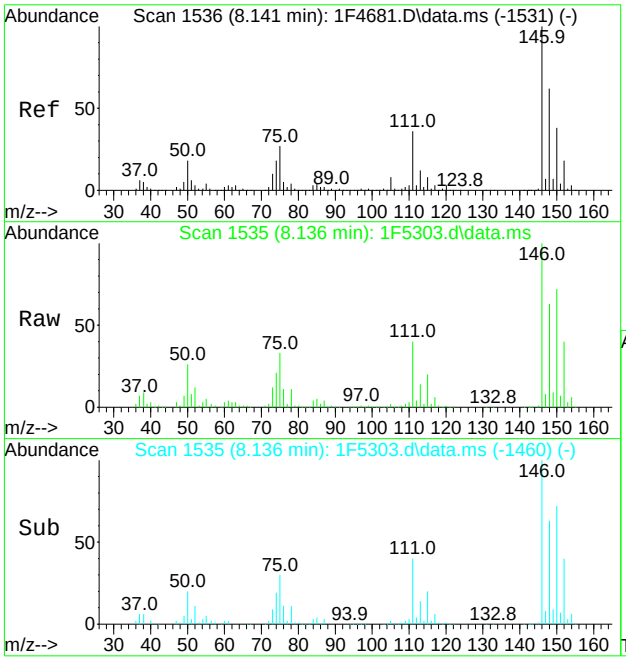


#109
p-isopropyltoluene
Concen: 52.7165 ug/L
RT: 8.052 min Scan# 1519
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:119 Resp: 566332

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	56.3
91	24.8	0.0	54.0

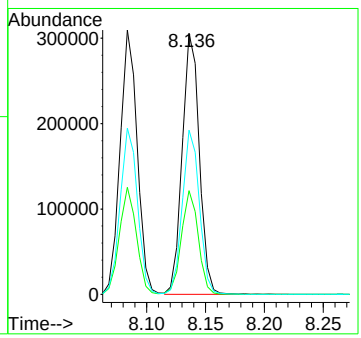


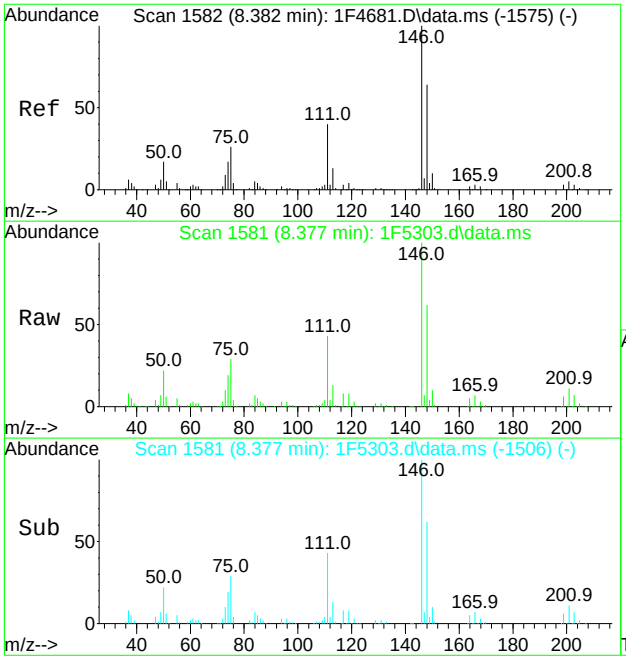


#110
1,4-dichlorobenzene
Concen: 49.8217 ug/L
RT: 8.136 min Scan# 1535
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:146 Resp: 309770

Ion	Ratio	Lower	Upper
146	100		
111	39.7	6.4	66.4
148	62.9	32.0	92.0

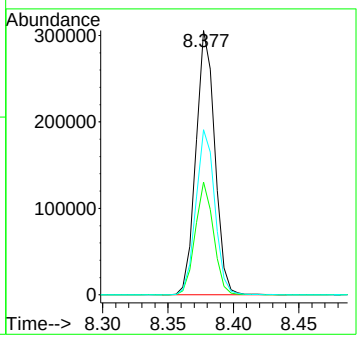


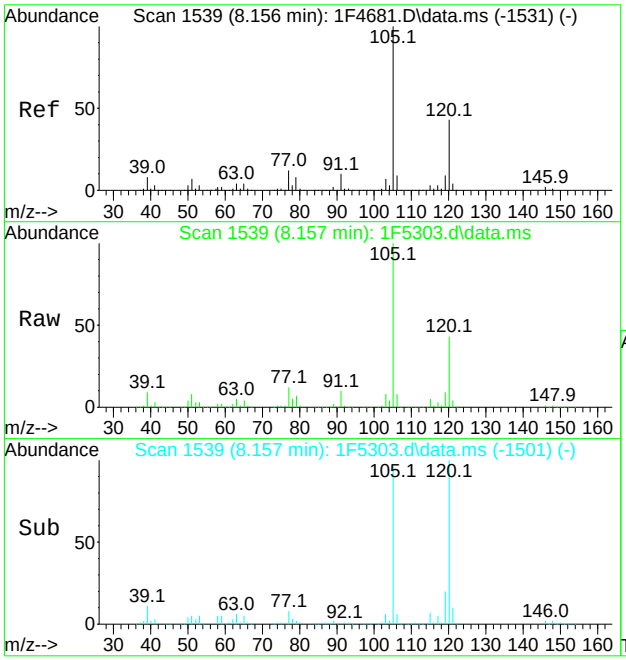


#111
1,2-dichlorobenzene
Concen: 50.4630 ug/L
RT: 8.377 min Scan# 1581
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:146 Resp: 306904

Ion	Ratio	Lower	Upper
146	100		
111	42.6	9.9	69.9
148	62.4	33.9	93.9

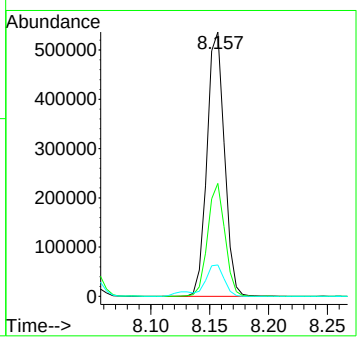


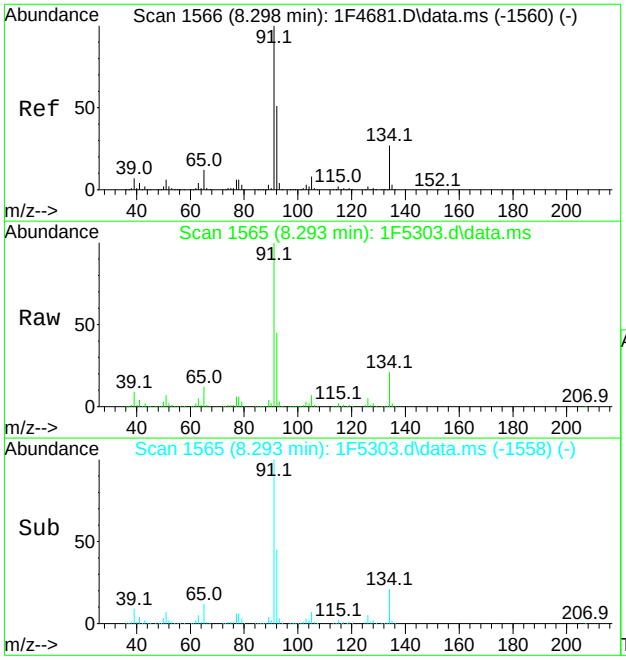


#112
1,2,3-trimethylbenzene
Concen: 50.1672 ug/L
RT: 8.157 min Scan# 1539
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:105 Resp: 554848

Ion	Ratio	Lower	Upper
105	100		
120	42.8	12.6	72.6
77	11.9	0.0	42.0

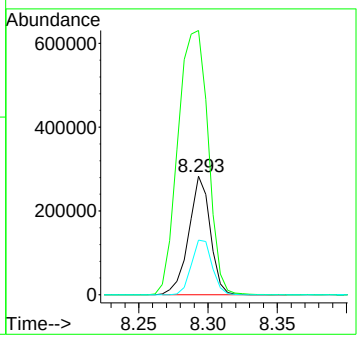


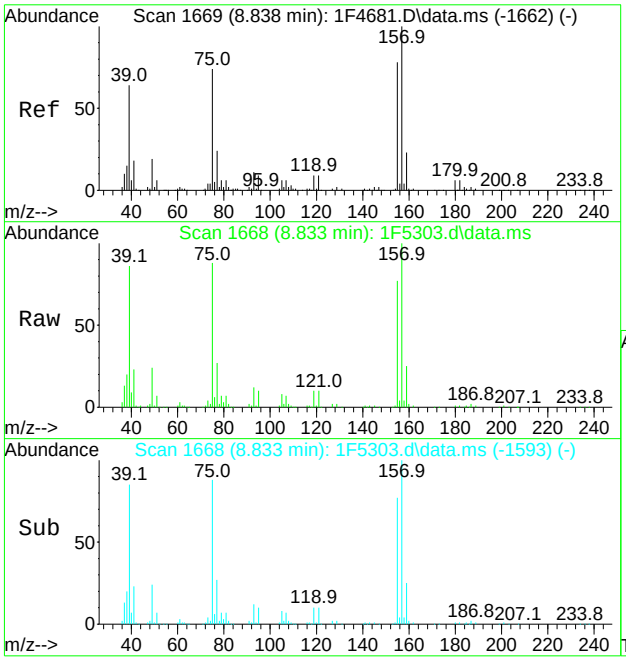


#113
n-butylbenzene
Concen: 54.9827 ug/L
RT: 8.293 min Scan# 1565
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion: 92 Resp: 305525

Ion	Ratio	Lower	Upper
92	100		
91	223.1	166.9	226.9
134	46.3	23.2	83.2

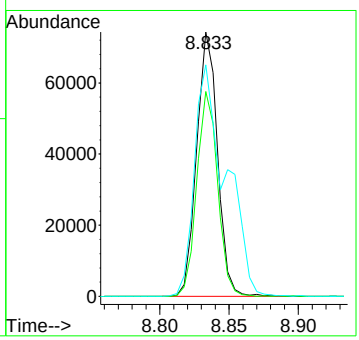


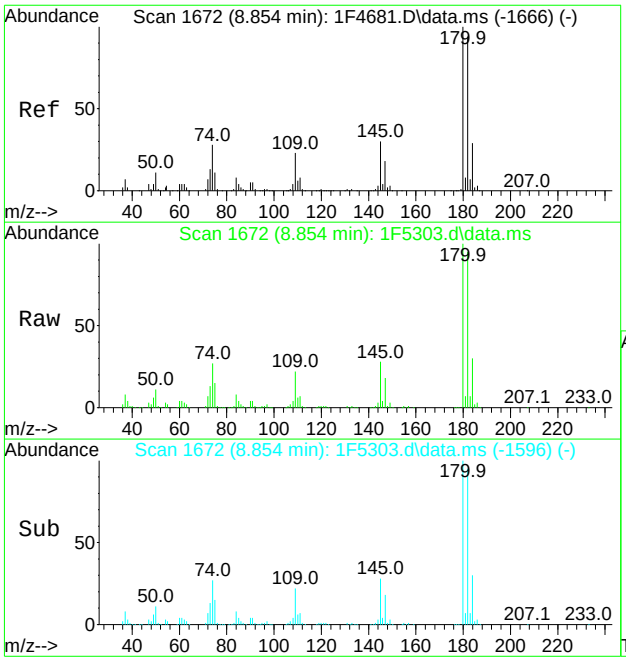


#114
1,2-dibromo-3-chloropropane
Concen: 52.2267 ug/L
RT: 8.833 min Scan# 1668
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:157 Resp: 77733

Ion	Ratio	Lower	Upper
157	100		
155	77.5	47.9	107.9
75	87.6	43.7	103.7

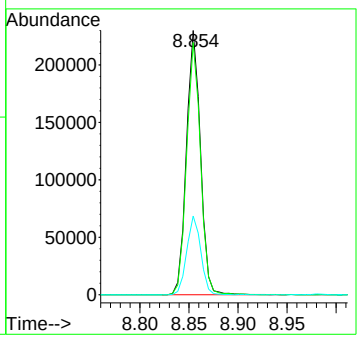


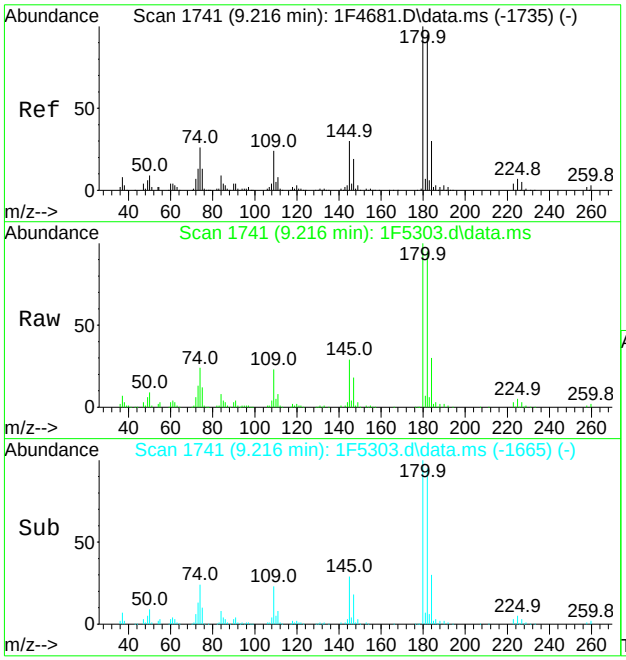


#115
1,3,5-trichlorobenzene
Concen: 52.5649 ug/L
RT: 8.854 min Scan# 1672
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:180 Resp: 229119

Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	113.8
184	29.8	9.5	49.5

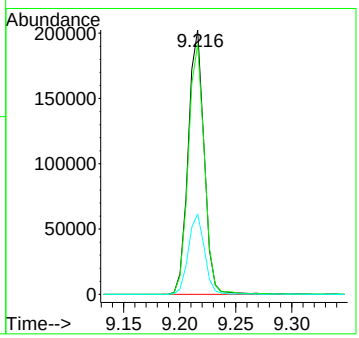


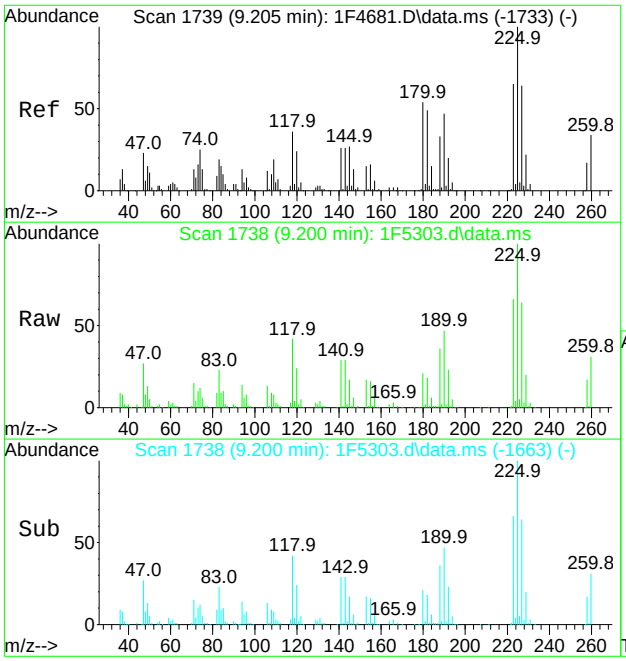


#116
1,2,4-trichlorobenzene
Concen: 52.1220 ug/L
RT: 9.216 min Scan# 1741
Delta R.T. -0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:180 Resp: 200183

Ion	Ratio	Lower	Upper
180	100		
182	94.6	65.0	125.0
184	30.4	0.0	60.0

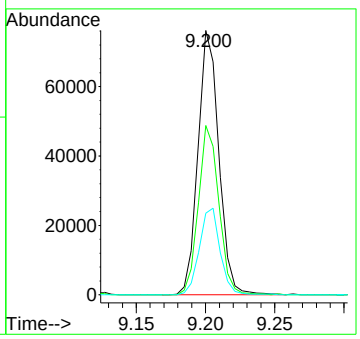


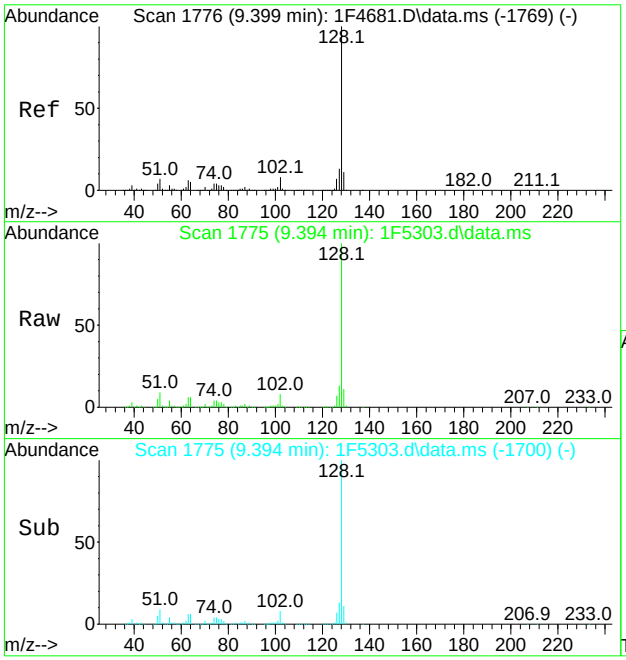


#117
hexachlorobutadiene
Concen: 55.4367 ug/L
RT: 9.200 min Scan# 1738
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:225 Resp: 79575

Ion	Ratio	Lower	Upper
225	100		
227	64.1	33.6	93.6
260	30.9	3.6	63.6

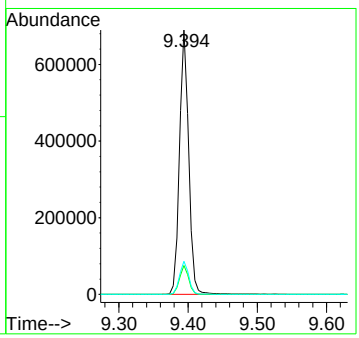


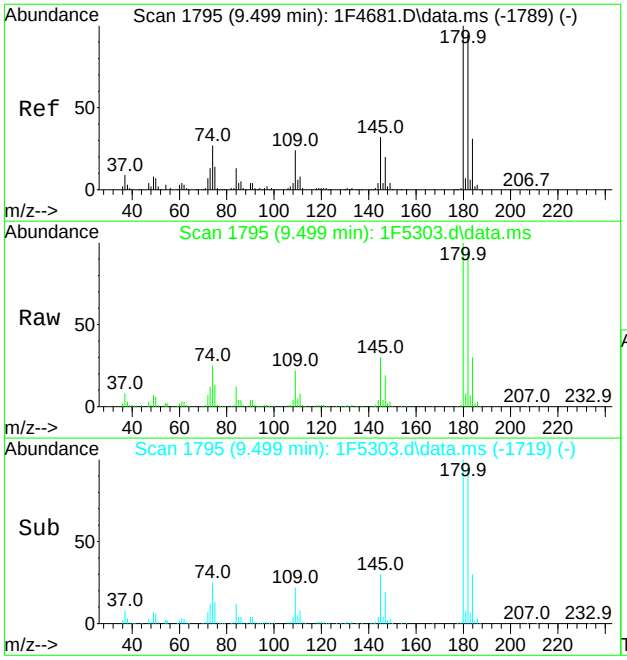


#118
naphthalene
Concen: 53.3930 ug/L
RT: 9.394 min Scan# 1775
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:128 Resp: 648043

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.7
127	12.6	0.0	43.1

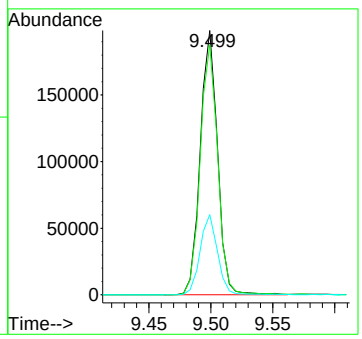


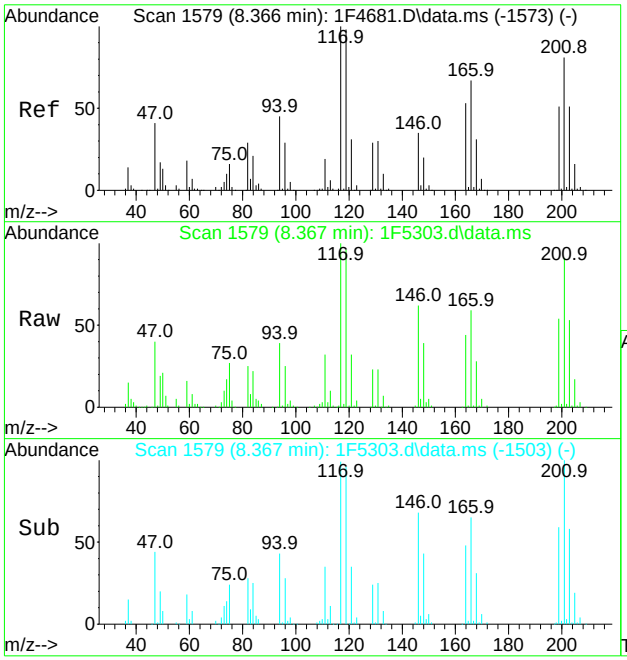


#119
1,2,3-trichlorobenzene
Concen: 52.8233 ug/L
RT: 9.499 min Scan# 1795
Delta R.T. 0.000 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:180 Resp: 192752

Ion	Ratio	Lower	Upper
180	100		
182	94.6	65.1	125.1
184	30.3	1.2	61.2

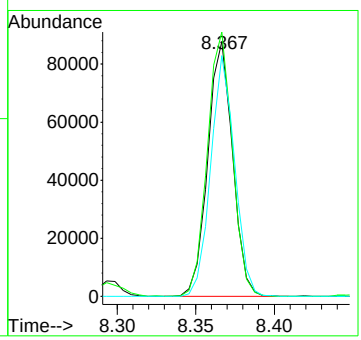


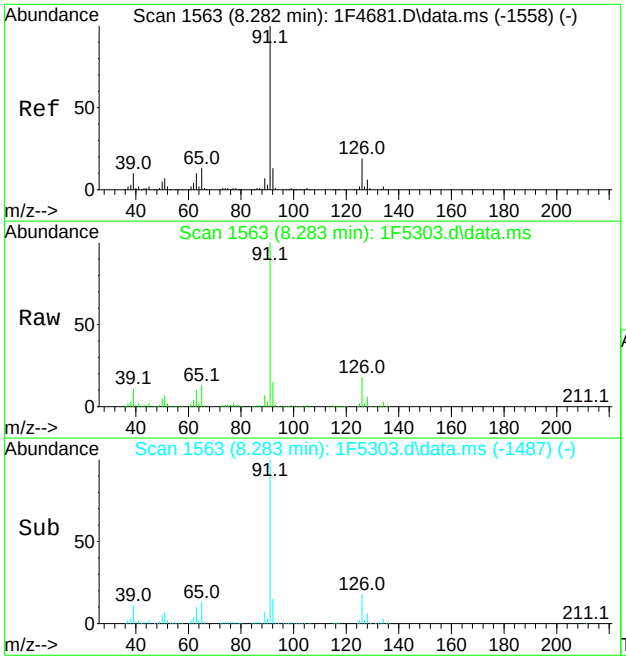


#120
hexachloroethane
Concen: 59.9459 ug/L
RT: 8.367 min Scan# 1579
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:119 Resp: 96540

Ion	Ratio	Lower	Upper
119	100		
117	103.8	72.4	132.4
201	94.5	52.5	112.5

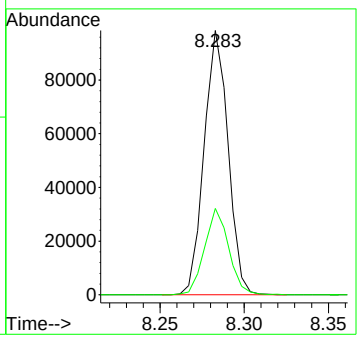


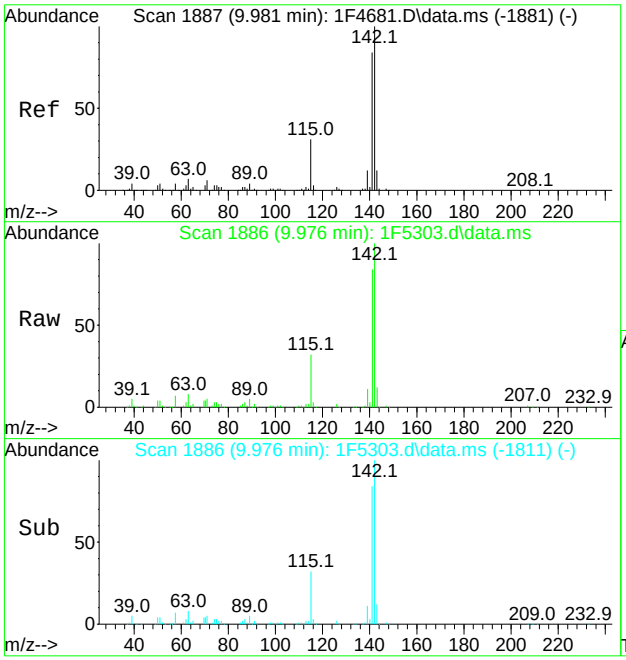


#121
benzyl chloride
Concen: 63.8174 ug/L
RT: 8.283 min Scan# 1563
Delta R.T. 0.001 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:126 Resp: 97425

Ion	Ratio	Lower	Upper
126	100		
128	32.7	0.7	60.7

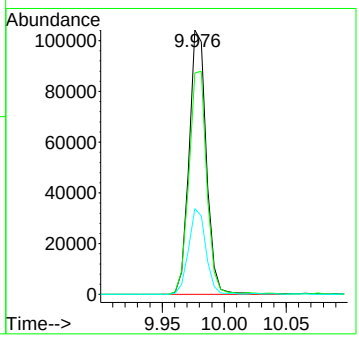




#122
2-methylnaphthalene
Concen: 20.8203 ug/L
RT: 9.976 min Scan# 1886
Delta R.T. -0.005 min
Lab File: 1F5303.d
Acq: 19 May 2023 4:42 pm

Tgt Ion:142 Resp: 100788

Ion	Ratio	Lower	Upper
142	100		
141	83.7	54.1	114.1
115	32.4	0.6	60.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5304.d
Acq On : 19 May 2023 5:08 pm
Operator : nickw
Sample : jd65823-1msd Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 13:13:11 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.426	65	334377	500.00	ug/L	0.00
5) pentafluorobenzene	3.810	168	353205	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	485285	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	442576	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	219702	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	149369	47.77	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 95.54%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	178429	51.90	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 103.80%			
73) toluene-d8 (s)	5.472	98	553252	48.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.46%			
96) 4-bromofluorobenzene (s)	7.459	95	206304	49.25	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.50%			
Target Compounds						Qvalue
3) tertiary butyl alcohol	2.473	59	270469	268.0976	ug/L	92
4) 1,4-dioxane	4.901	88	85034	1168.0774	ug/L	98
6) chlorodifluoromethane	1.037	51	206214	47.0345	ug/L	98
7) dichlorodifluoromethane	1.000	85	176270	51.6184	ug/L	98
8) chloromethane	1.141	50	202320	58.5719	ug/L	99
9) vinyl chloride	1.173	62	167269	53.4355	ug/L	98
10) 1,3-butadiene	1.183	39	166025	47.4870	ug/L	97
11) bromomethane	1.377	96	57033	55.1177	ug/L #	99
12) chloroethane	1.451	64	68857	39.9981	ug/L	93
13) trichlorofluoromethane	1.529	101	199340	49.3692	ug/L	98
14) ethyl ether	1.739	74	69328	45.8812	ug/L #	72
15) acrolein	2.064	56	58211	70.6819	ug/L	100
16) freon 113	1.881	151	99422	47.7515	ug/L	97
17) 1,1-dichloroethene	1.849	61	176122	51.9511	ug/L	96
18) acetone	2.253	58	116792	198.0241	ug/L #	81
19) acetonitrile	2.547	41	501460	591.8010	ug/L	99
20) iodomethane	1.938	142	106300	57.5446	ug/L	98
21) carbon disulfide	1.865	76	302144	42.3491	ug/L	98
22) methylene chloride	2.222	84	114395	47.6417	ug/L #	82
23) methyl acetate	2.337	74	37427	48.8269	ug/L #	41
24) methyl tert butyl ether	2.400	73	408872	51.8239	ug/L	92
25) trans-1,2-dichloroethene	2.321	61	185997	52.2705	ug/L	91
26) hexane	2.379	57	325837	52.9799	ug/L	94
27) di-isopropyl ether	2.657	45	593456	58.7419	ug/L	98
28) ethyl tert-butyl ether	2.903	59	488994	53.9805	ug/L	97
29) 2-butanone	3.527	72	130217	196.2034	ug/L #	63
30) 1,1-dichloroethane	2.725	63	249446	52.6999	ug/L	98
31) chloroprene	2.709	53	251289	55.8558	ug/L	93
32) acrylonitrile	2.756	52	102148	59.7143	ug/L	96
33) vinyl acetate	2.908	86	30853	84.3213	ug/L #	52
34) ethyl acetate	3.396	70	29018	49.7897	ug/L #	82
35) 2,2-dichloropropane	3.176	77	196978	54.2632	ug/L	99
36) cis-1,2-dichloroethene	3.102	96	132938	51.5244	ug/L	94
37) propionitrile	3.742	54	536957	570.6624	ug/L	98
38) methyl acrylate	3.401	85	33711	51.0297	ug/L #	73
39) bromochloromethane	3.244	128	65469	49.5558	ug/L	88
40) tetrahydrofuran	3.412	71	37339	49.4552	ug/L #	73
41) chloroform	3.302	47	80573	52.8486	ug/L	95
43) methacrylonitrile	3.763	67	85737	47.2362	ug/L #	73
44) 1,1,1-trichloroethane	3.448	97	208430	52.3641	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5304.d
Acq On : 19 May 2023 5:08 pm
Operator : nickw
Sample : jd65823-1msd Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 13:13:11 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45) cyclohexane	3.244	84	166641	47.6191	ug/L	86
46) 1,1-dichloropropene	3.543	75	168343	49.9516	ug/L	99
47) carbon tetrachloride	3.396	117	190483	51.8917	ug/L	97
48) isobutyl alcohol	3.931	43	209665	604.0544	ug/L	97
49) tert-amyl alcohol	4.004	55	101767	280.4459	ug/L #	86
52) iso-octane	3.632	57	512408	55.6173	ug/L	94
53) benzene	3.732	78	484450	49.9751	ug/L	91
54) tert-amyl methyl ether	3.836	73	404545	50.7910	ug/L	94
55) heptane	3.721	57	102848	59.2267	ug/L	89
56) isopropyl acetate	4.114	87	41021	50.6220	ug/L #	84
57) 1,2-dichloroethane	3.889	62	218713	51.8152	ug/L	98
58) n-butyl alcohol	4.523	56	721407	3023.0502	ug/L	96
59) ethyl acrylate	4.691	55	317116	58.2020	ug/L	98
60) trichloroethene	4.203	130	140084	48.0500	ug/L	94
62) 2-chloroethyl vinyl ether	5.263	63	16786	8.0783	ug/L	95
63) methyl methacrylate	4.880	100	47158	53.6446	ug/L #	73
64) 1,2-dichloropropane	4.644	63	144596	52.7111	ug/L	98
65) methylcyclohexane	4.193	55	215053	54.3210	ug/L	93
66) dibromomethane	4.555	93	89591	48.6257	ug/L	97
67) bromodichloromethane	4.712	83	187516	51.9730	ug/L	99
69) cis-1,3-dichloropropene	5.304	75	218361	50.7921	ug/L	94
70) 4-methyl-2-pentanone	5.850	58	462222	237.6584	ug/L	94
71) 3-methyl-1-butanol	5.713	70	216400	1123.9156	ug/L	79
74) toluene	5.514	92	325718	50.4734	ug/L	99
75) ethyl methacrylate	6.028	69	191806	51.4239	ug/L	89
76) trans-1,3-dichloropropene	5.876	75	221592	52.2650	ug/L	99
77) 1,1,2-trichloroethane	5.997	83	106402	48.6146	ug/L	92
78) tetrachloroethene	5.839	166	262784	86.1039	ug/L	98
79) 2-hexanone	6.484	58	511652	234.4688	ug/L	93
80) 1,3-dichloropropane	6.196	76	208361	49.3051	ug/L	98
81) butyl acetate	6.437	56	157824	59.7384	ug/L	98
82) dibromochloromethane	6.128	129	155322	51.8291	ug/L	99
83) 1,2-dibromoethane	6.290	107	138616	47.9082	ug/L	98
84) n-butyl ether	6.652	57	673993	56.4325	ug/L	98
85) chlorobenzene	6.673	112	389471	50.4481	ug/L	98
86) 1,1,1,2-tetrachloroethane	6.725	131	144471	54.1321	ug/L	96
87) ethylbenzene	6.704	91	642441	51.0479	ug/L	98
88) m,p-xylene	6.809	106	491774	104.7839	ug/L	99
89) o-xylene	7.087	106	232487	49.9048	ug/L	100
90) styrene	7.124	104	400348	52.9919	ug/L	100
91) bromoform	7.129	173	125005	55.1739	ug/L	97
92) butyl acrylate	7.223	55	401037	59.4455	ug/L	97
93) isopropylbenzene	7.292	105	628887	52.8644	ug/L	98
94) cis-1,4-dichloro-2-butene	7.507	88	94688	57.2935	ug/L	95
97) bromobenzene	7.517	156	168638	51.8861	ug/L	89
98) 1,1,2,2-tetrachloroethane	7.596	83	217145	54.2782	ug/L	99
99) trans-1,4-dichloro-2-b...	7.695	53	90621	62.0449	ug/L	83
100) 1,2,3-trichloropropane	7.669	110	68803	51.3523	ug/L	98
101) n-propylbenzene	7.548	91	758160	52.3819	ug/L	100
102) 2-chlorotoluene	7.638	126	152386	51.3993	ug/L	98
103) 4-chlorotoluene	7.737	91	467206	51.9184	ug/L	99
104) 1,3,5-trimethylbenzene	7.674	105	540219	53.3001	ug/L	100
105) tert-butylbenzene	7.858	119	452395	51.8719	ug/L	93
106) 1,2,4-trimethylbenzene	7.900	105	554621	52.5020	ug/L	97
107) sec-butylbenzene	7.968	105	656651	52.6957	ug/L	99
108) 1,3-dichlorobenzene	8.083	146	319992	51.8511	ug/L	98
109) p-isopropyltoluene	8.052	119	577857	54.0904	ug/L	100
110) 1,4-dichlorobenzene	8.136	146	312846	50.5981	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5304.d
Acq On : 19 May 2023 5:08 pm
Operator : nickw
Sample : jd65823-1msd Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 13:13:11 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

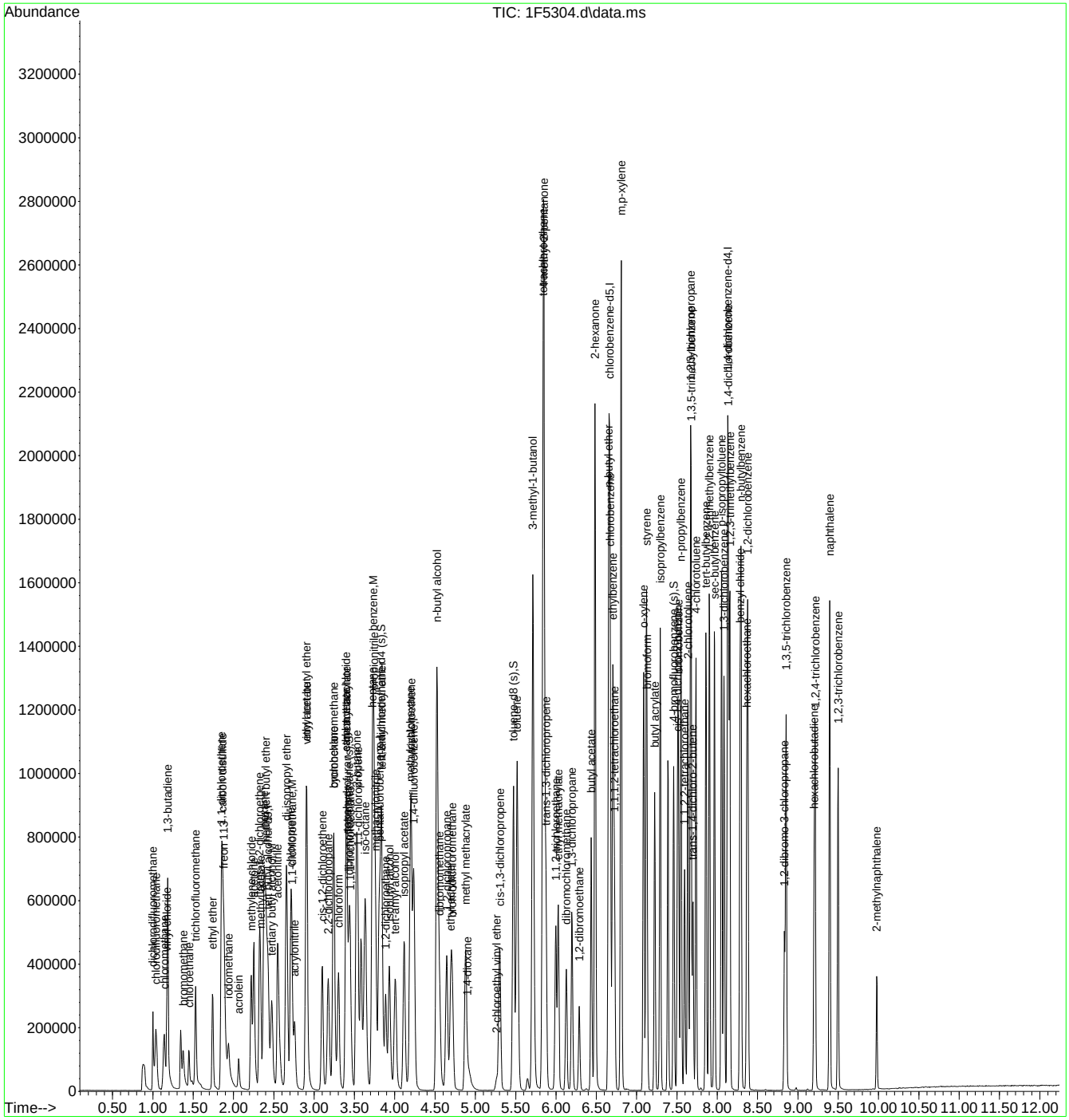
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,2-dichlorobenzene	8.377	146	309680	51.2045	ug/L	97
112) 1,2,3-trimethylbenzene	8.157	105	557582	50.6966	ug/L	99
113) n-butylbenzene	8.293	92	307924	55.7246	ug/L	83
114) 1,2-dibromo-3-chloropr...	8.833	157	79705	53.8514	ug/L	91
115) 1,3,5-trichlorobenzene	8.854	180	231254	53.3517	ug/L	98
116) 1,2,4-trichlorobenzene	9.216	180	204337	53.5014	ug/L	98
117) hexachlorobutadiene	9.200	225	79518	55.7071	ug/L	97
118) naphthalene	9.394	128	651618	53.9881	ug/L	100
119) 1,2,3-trichlorobenzene	9.499	180	198122	54.5989	ug/L	97
120) hexachloroethane	8.366	119	100004	62.4445	ug/L	98
121) benzyl chloride	8.282	126	95320	62.7881	ug/L	99
122) 2-methylnaphthalene	9.976	142	105913	22.0014	ug/L	99

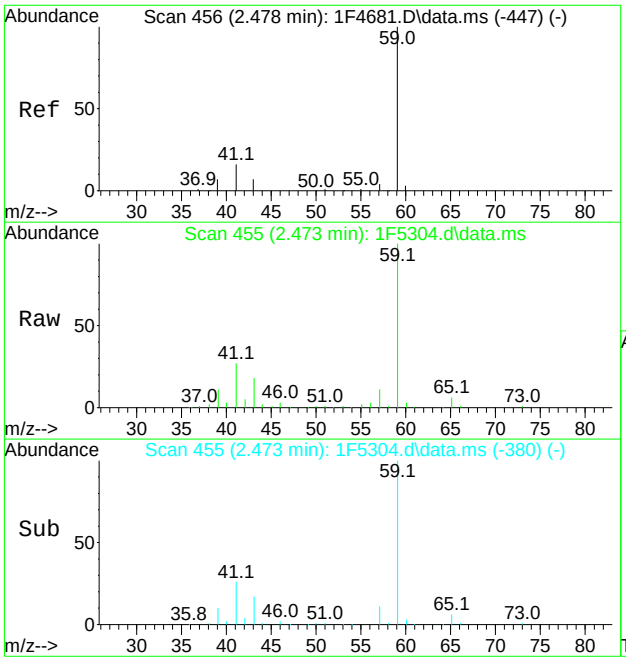
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5304.d
Acq On : 19 May 2023 5:08 pm
Operator : nickw
Sample : jd65823-1msd Inst : GCMS-F
Misc : MS69505,V1F178,5,,,,10
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 13:13:11 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

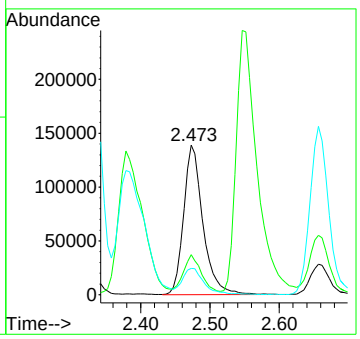


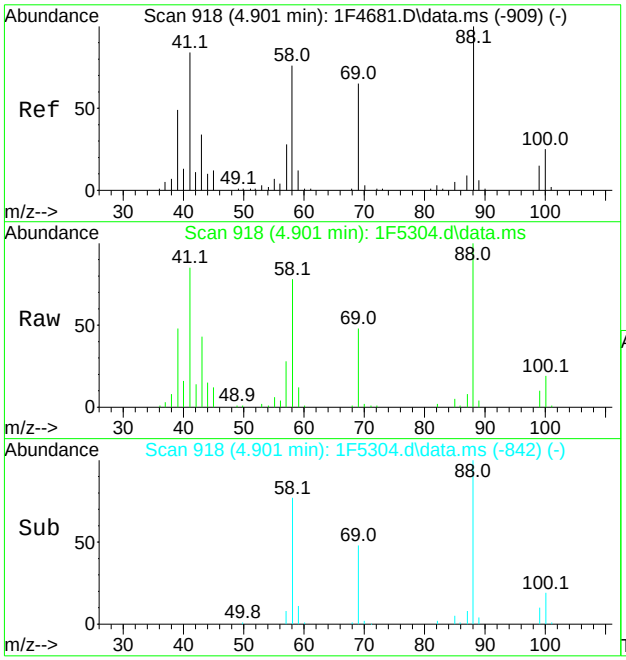


#3
tertiary butyl alcohol
Concen: 268.0976 ug/L
RT: 2.473 min Scan# 455
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 59 Resp: 270469

Ion	Ratio	Lower	Upper
59	100		
41	20.5	0.0	45.9
43	17.5	0.0	45.3

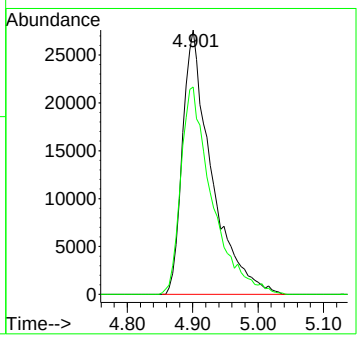


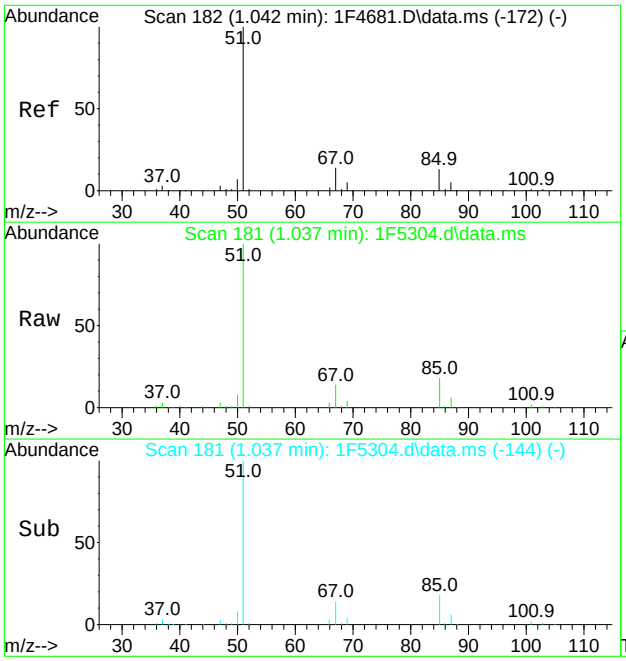


#4
1,4-dioxane
Concen: 1168.0774 ug/L
RT: 4.901 min Scan# 918
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 88 Resp: 85034

Ion	Ratio	Lower	Upper
88	100		
58	78.4	56.9	96.9

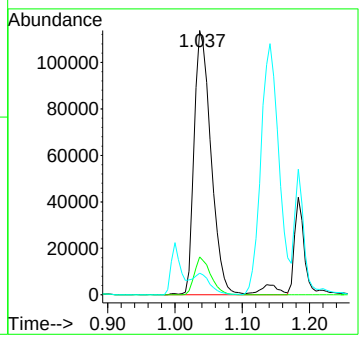


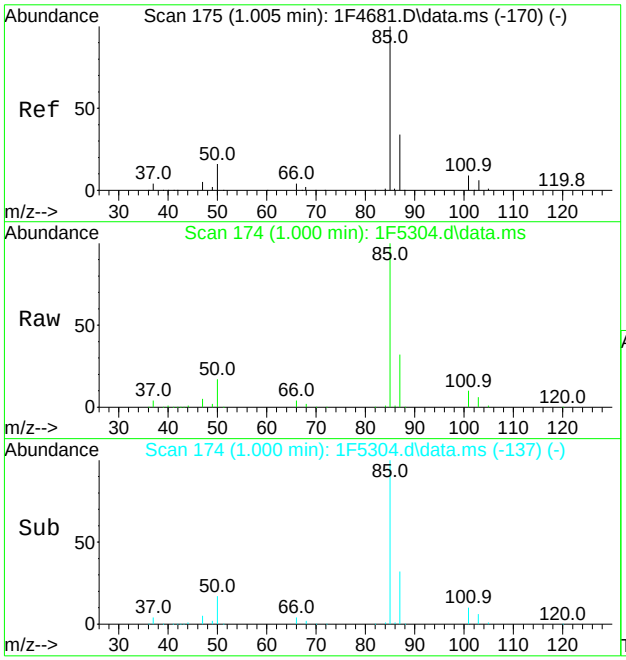


#6
chlorodifluoromethane
Concen: 47.0345 ug/L
RT: 1.037 min Scan# 181
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 51 Resp: 206214

Ion	Ratio	Lower	Upper
51	100		
67	14.4	0.0	44.0
50	8.1	0.0	37.2

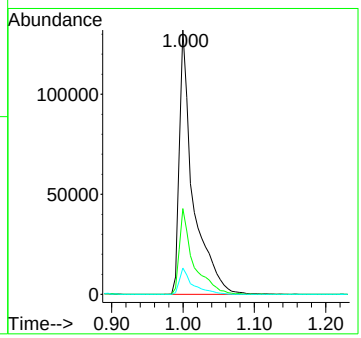


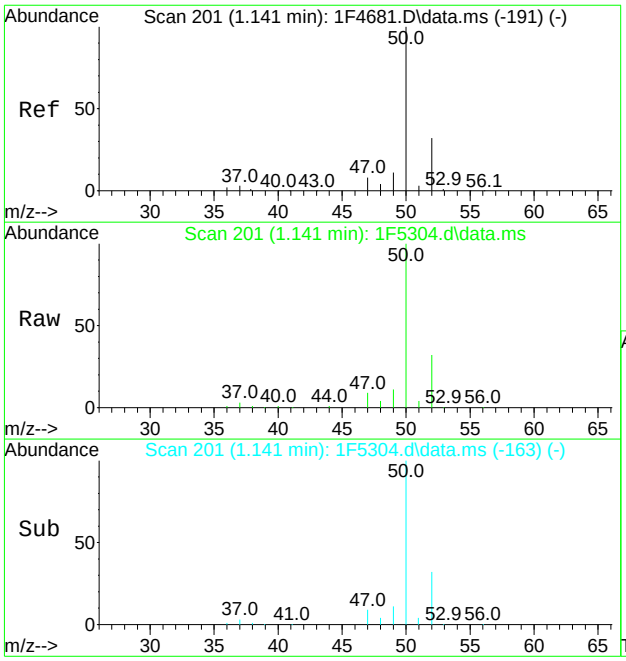


#7
dichlorodifluoromethane
Concen: 51.6184 ug/L
RT: 1.000 min Scan# 174
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 85 Resp: 176270

Ion	Ratio	Lower	Upper
85	100		
87	32.5	3.9	63.9
101	10.0	0.0	39.4

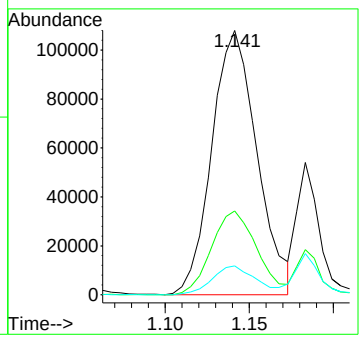


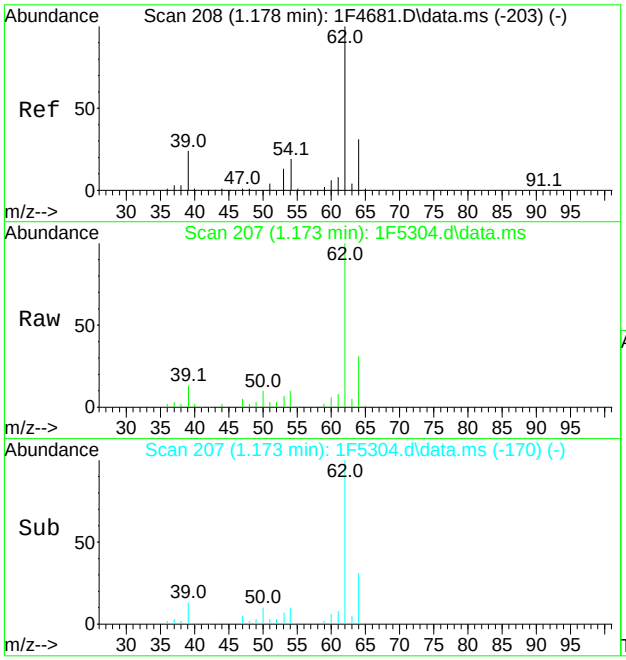


#8
chloromethane
Concen: 58.5719 ug/L
RT: 1.141 min Scan# 201
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 50 Resp: 202320

Ion	Ratio	Lower	Upper
50	100		
52	31.7	1.9	61.9
49	10.9	0.0	40.6

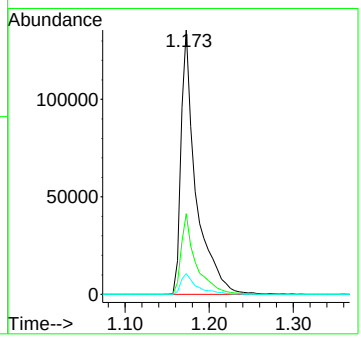


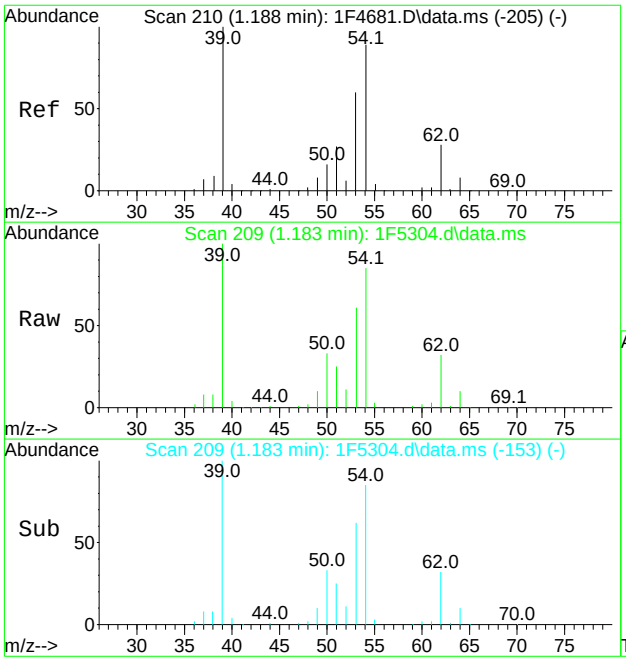


#9
vinyl chloride
Concen: 53.4355 ug/L
RT: 1.173 min Scan# 207
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 62 Resp: 167269

Ion	Ratio	Lower	Upper
62	100		
64	30.5	1.4	61.4
61	7.8	0.0	38.3

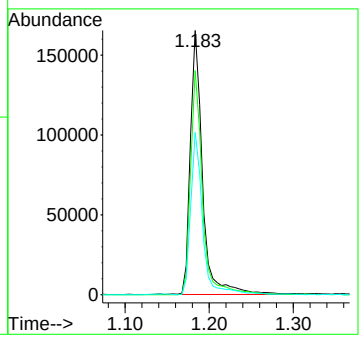


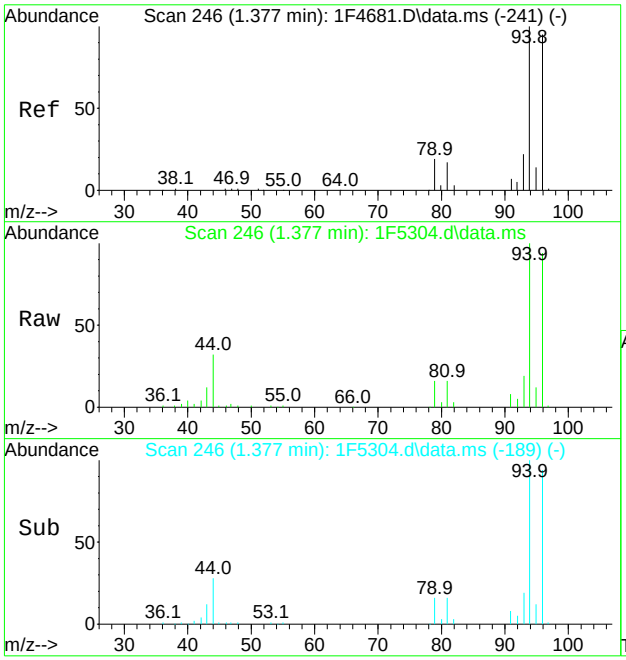


#10
1,3-butadiene
Concen: 47.4870 ug/L
RT: 1.183 min Scan# 209
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 39 Resp: 166025

Ion	Ratio	Lower	Upper
39	100		
54	85.0	58.6	118.6
53	61.2	30.5	90.5

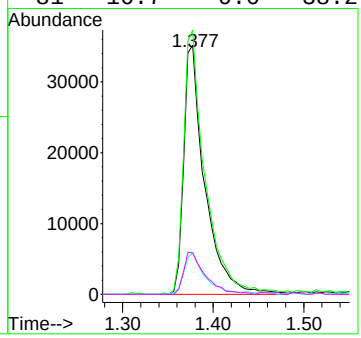


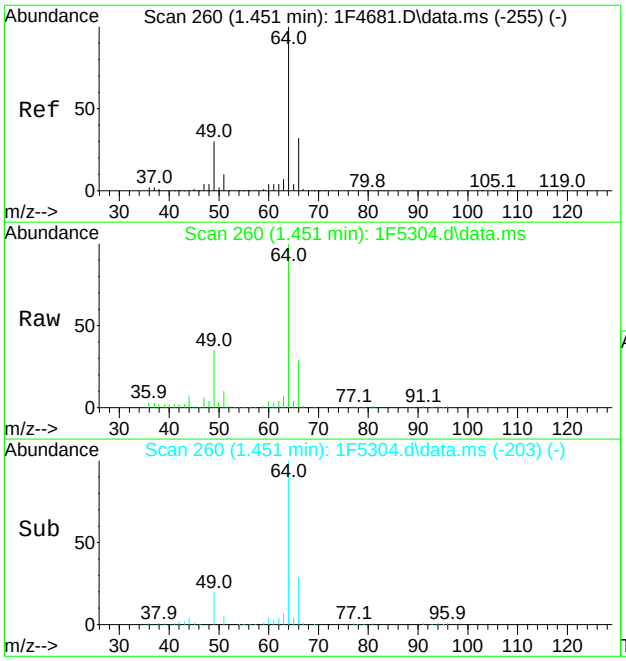


#11
bromomethane
Concen: 55.1177 ug/L
RT: 1.377 min Scan# 246
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 96 Resp: 57033

Ion	Ratio	Lower	Upper
96	100		
94	105.5	75.6	135.6
79	16.9	20.0	20.0#
81	16.7	0.0	38.2

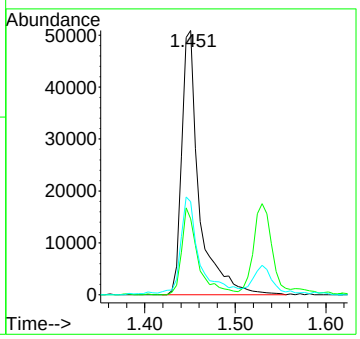


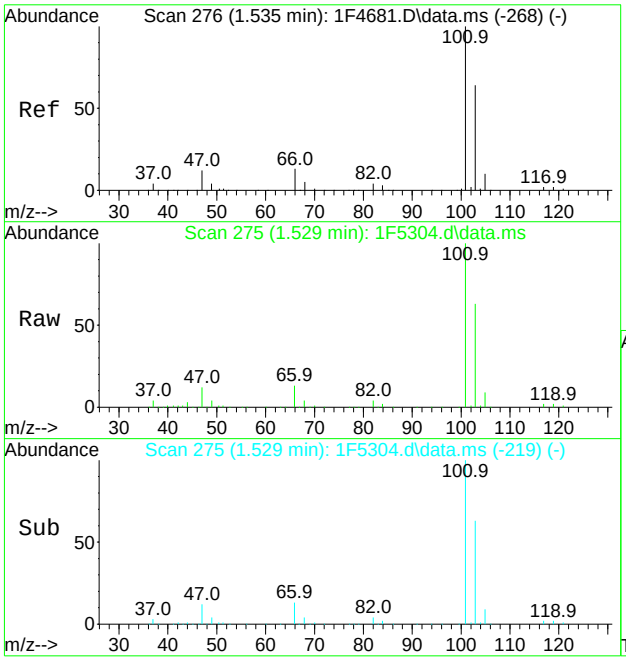


#12
chloroethane
Concen: 39.9981 ug/L
RT: 1.451 min Scan# 260
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 64 Resp: 68857

Ion	Ratio	Lower	Upper
64	100		
66	28.7	1.9	61.9
49	34.2	0.0	60.0

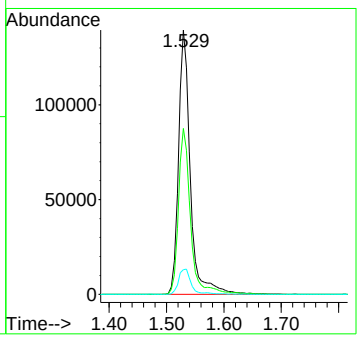


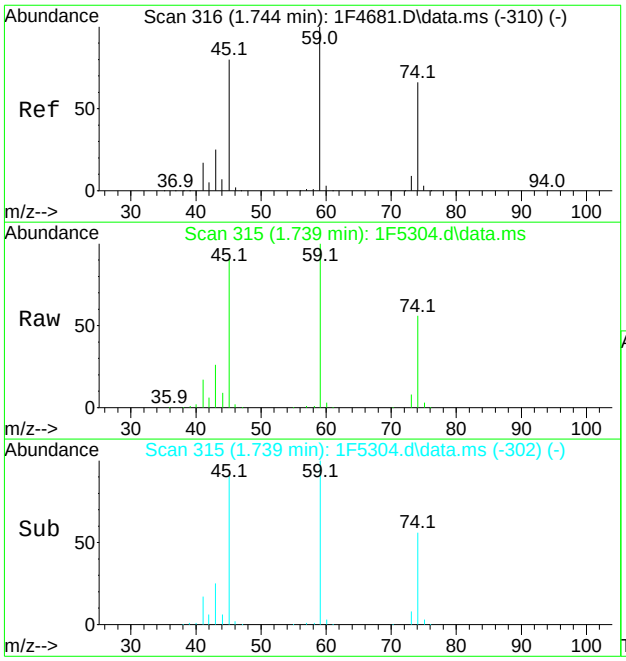


#13
trichlorofluoromethane
Concen: 49.3692 ug/L
RT: 1.529 min Scan# 275
Delta R.T. -0.006 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:101 Resp: 199340

Ion	Ratio	Lower	Upper
101	100		
103	62.7	34.3	94.3
105	9.4	0.0	40.3

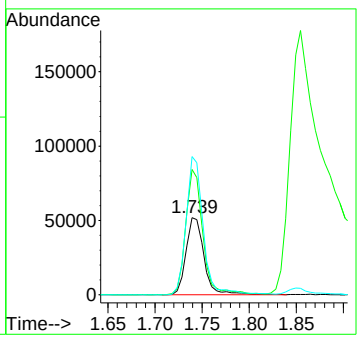


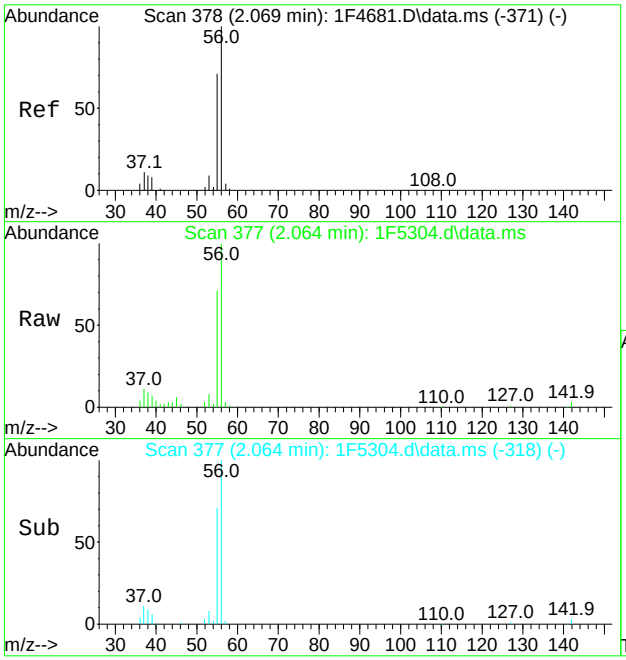


#14
ethyl ether
Concen: 45.8812 ug/L
RT: 1.739 min Scan# 315
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 74 Resp: 69328

Ion	Ratio	Lower	Upper
74	100		
45	162.6	91.3	151.3#
59	179.2	122.4	182.4

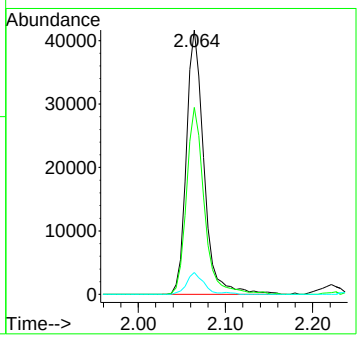


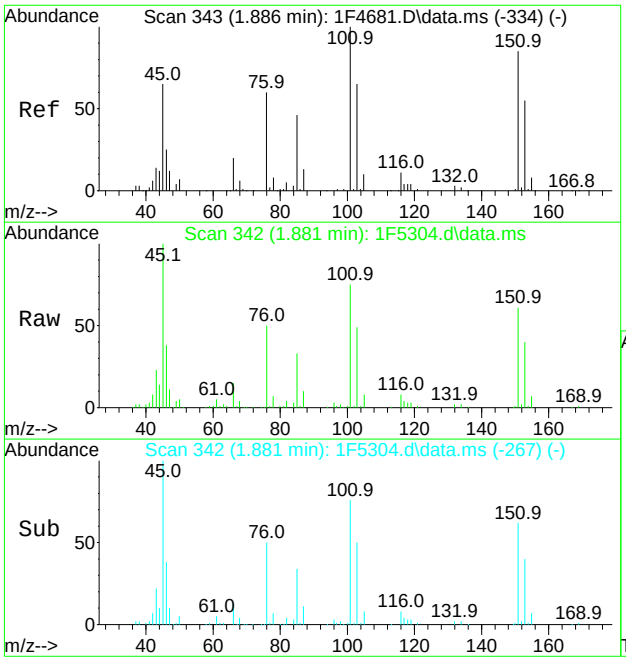


#15
acrolein
Concen: 70.6819 ug/L
RT: 2.064 min Scan# 377
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 56 Resp: 58211

Ion	Ratio	Lower	Upper
56	100		
55	70.7	40.8	100.8
53	8.2	0.0	38.6

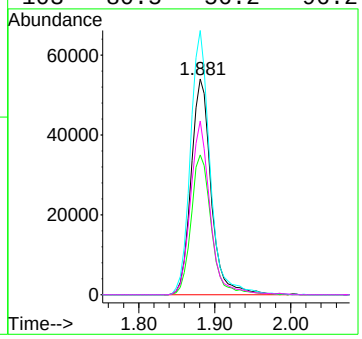


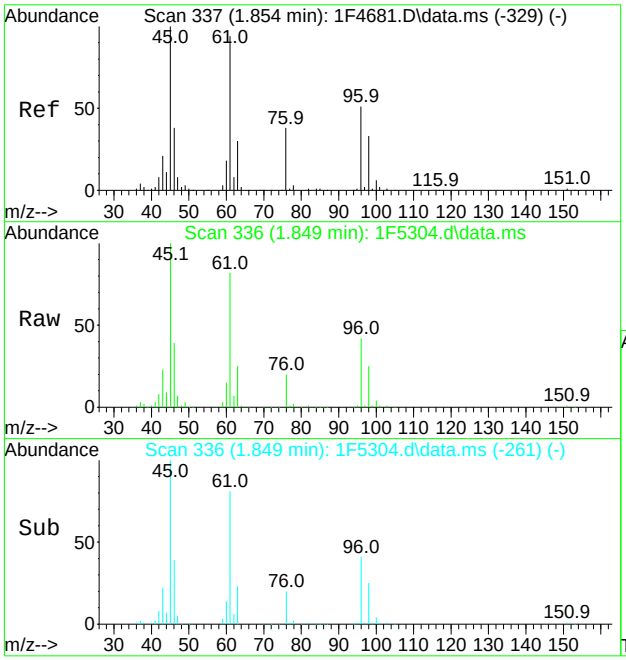


#16
freon 113
Concen: 47.7515 ug/L
RT: 1.881 min Scan# 342
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:151 Resp: 99422

Ion	Ratio	Lower	Upper
151	100		
153	64.8	44.8	84.8
101	122.5	97.8	137.8
103	80.5	56.2	96.2

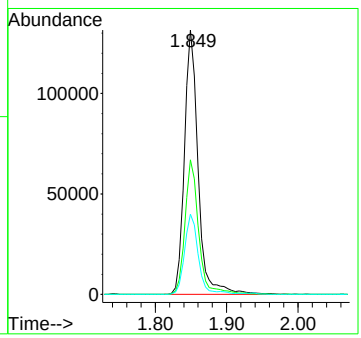


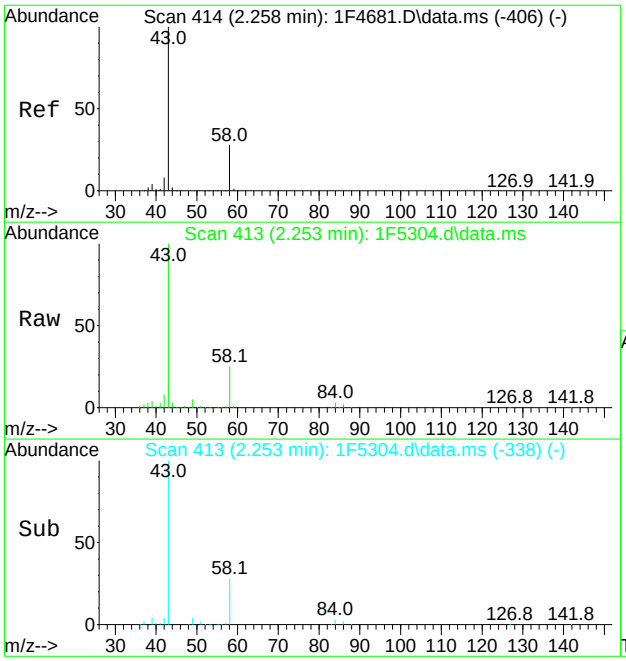


#17
1,1-dichloroethene
Concen: 51.9511 ug/L
RT: 1.849 min Scan# 336
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 61 Resp: 176122

Ion	Ratio	Lower	Upper
61	100		
96	50.9	24.6	84.6
63	30.3	2.0	62.0

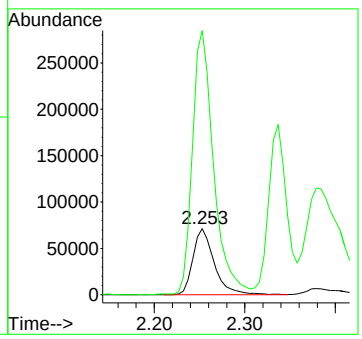


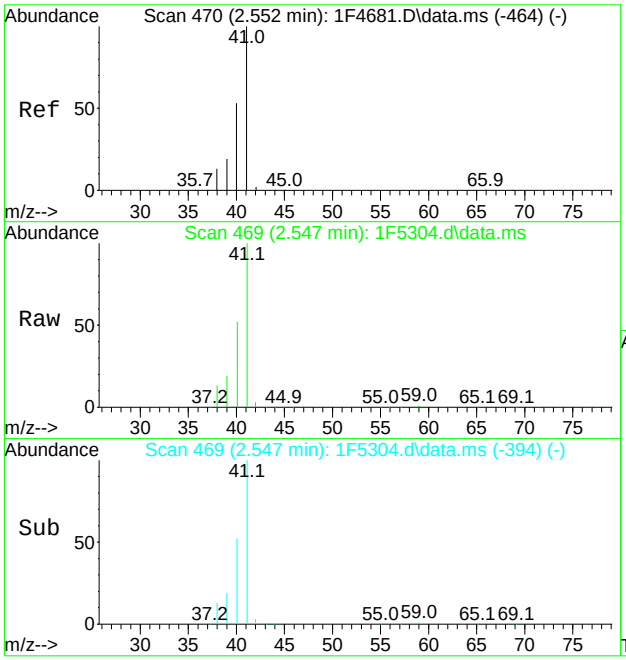


#18
acetone
Concen: 198.0241 ug/L
RT: 2.253 min Scan# 413
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 58 Resp: 116792

Ion	Ratio	Lower	Upper
58	100		
43	399.1	326.8	386.8#

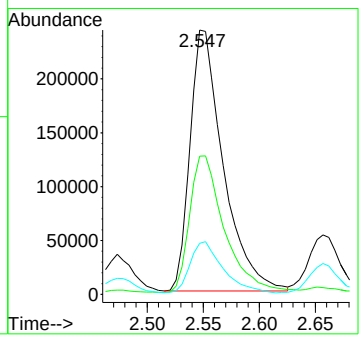


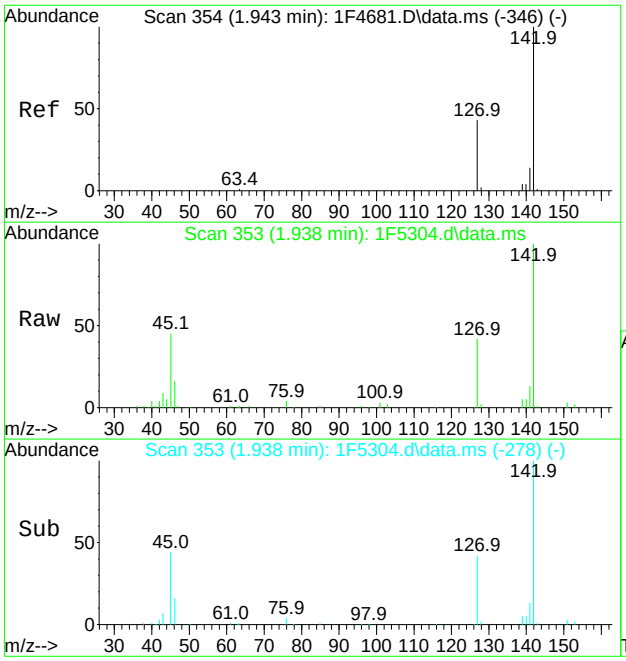


#19
acetonitrile
Concen: 591.8010 ug/L
RT: 2.547 min Scan# 469
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 41 Resp: 501460

Ion	Ratio	Lower	Upper
41	100		
40	52.3	23.1	83.1
39	18.9	0.0	49.3

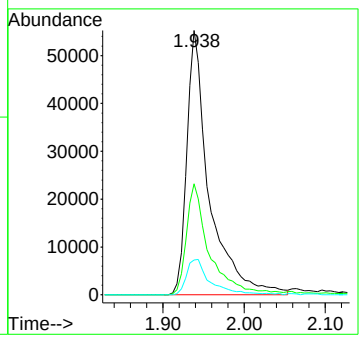


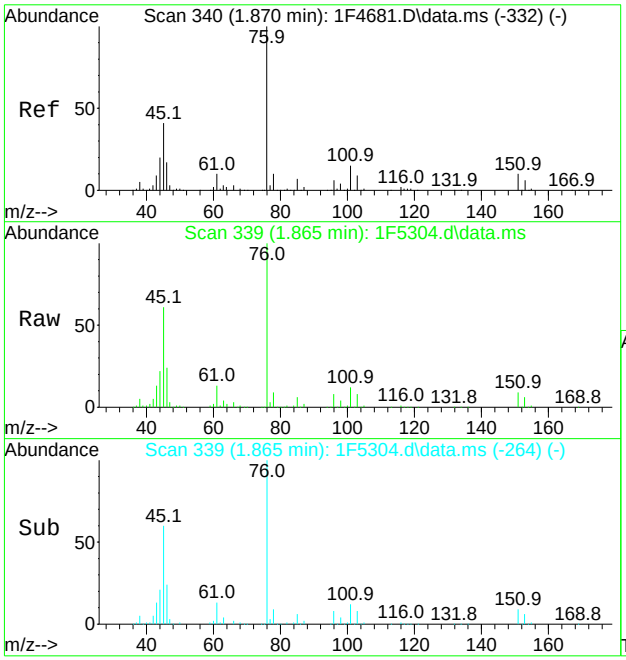


#20
iodomethane
Concen: 57.5446 ug/L
RT: 1.938 min Scan# 353
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:142 Resp: 106300

Ion	Ratio	Lower	Upper
142	100		
127	42.0	12.9	72.9
141	13.2	0.0	44.2

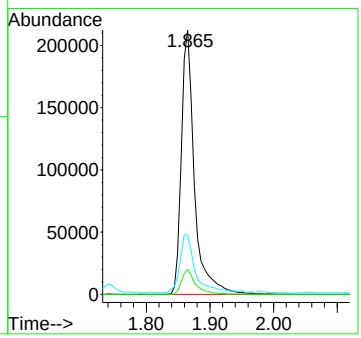


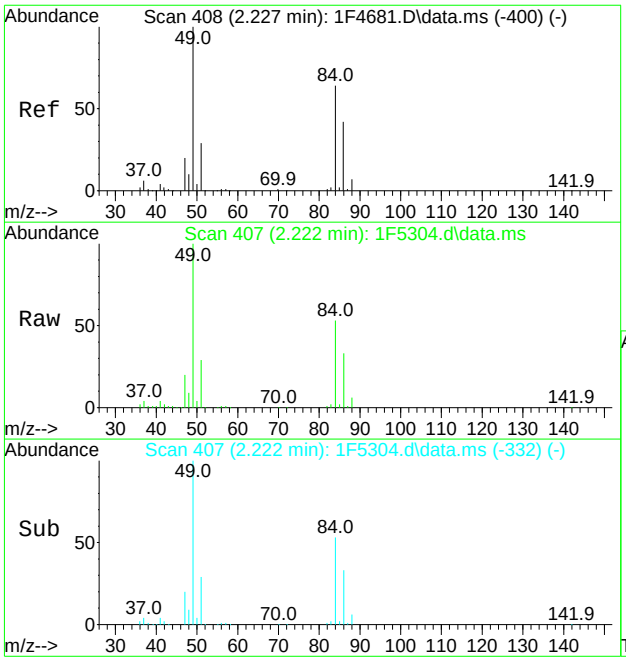


#21
carbon disulfide
Concen: 42.3491 ug/L
RT: 1.865 min Scan# 339
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 76 Resp: 302144

Ion	Ratio	Lower	Upper
76	100		
78	9.5	0.0	39.7
44	21.8	0.0	50.4

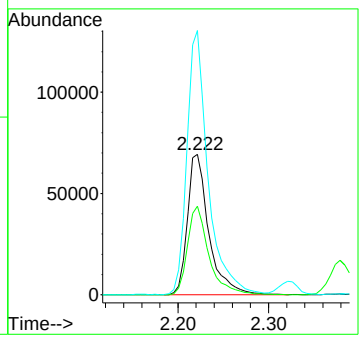


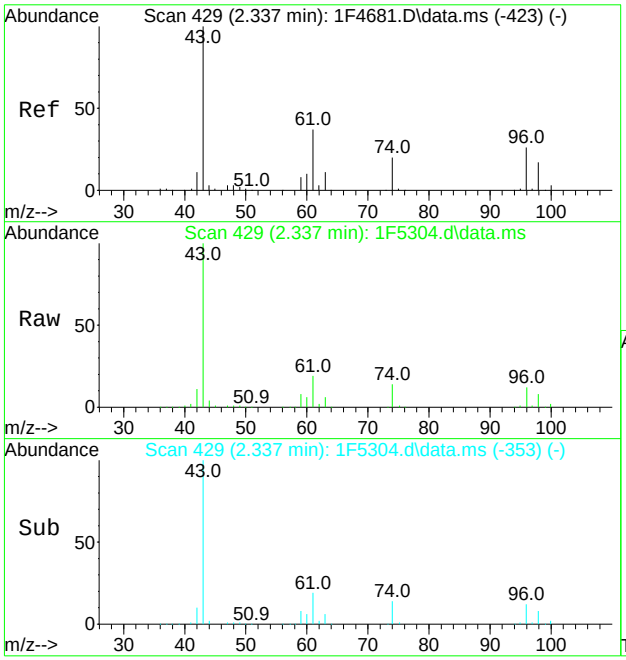


#22
methylene chloride
Concen: 47.6417 ug/L
RT: 2.222 min Scan# 407
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 84 Resp: 114395

Ion	Ratio	Lower	Upper
84	100		
86	62.9	36.6	96.6
49	187.9	126.8	186.8#

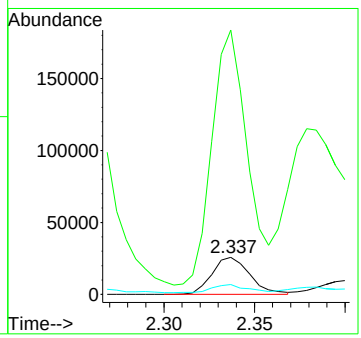


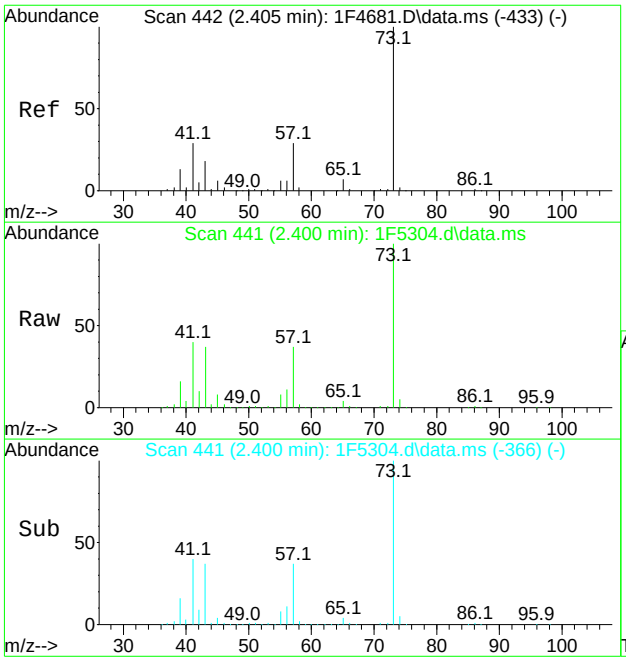


#23
methyl acetate
Concen: 48.8269 ug/L
RT: 2.337 min Scan# 429
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 74 Resp: 37427

Ion	Ratio	Lower	Upper
74	100		
43	680.4	481.9	541.9#
44	21.7	0.0	47.1

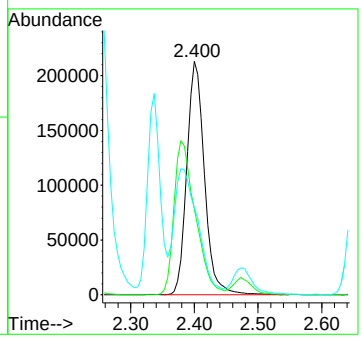


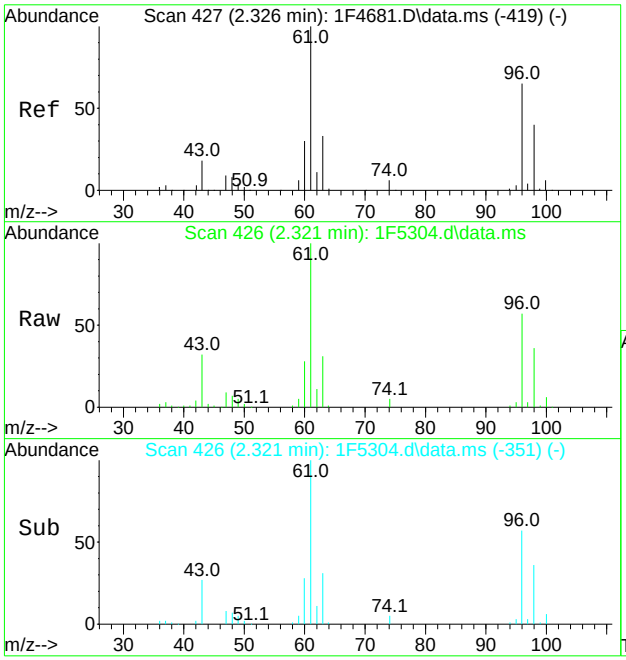


#24
methyl tert butyl ether
Concen: 51.8239 ug/L
RT: 2.400 min Scan# 441
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 73 Resp: 408872

Ion	Ratio	Lower	Upper
73	100		
57	36.6	2.6	62.6
43	37.1	2.1	62.1

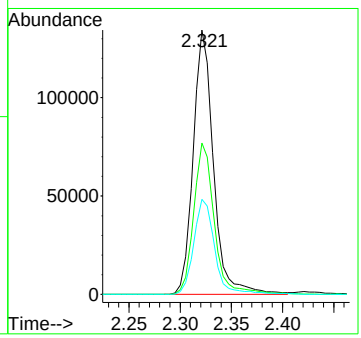


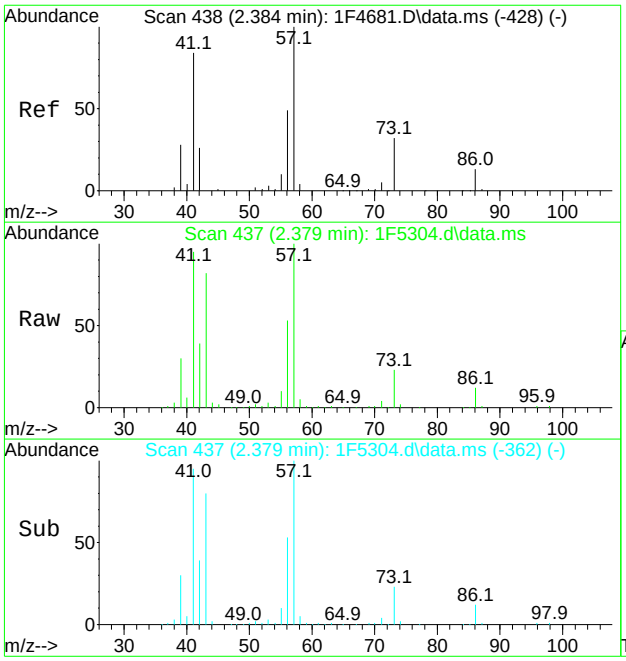


#25
trans-1,2-dichloroethene
Concen: 52.2705 ug/L
RT: 2.321 min Scan# 426
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 61 Resp: 185997

Ion	Ratio	Lower	Upper
61	100		
96	57.3	34.9	94.9
98	36.0	10.2	70.2

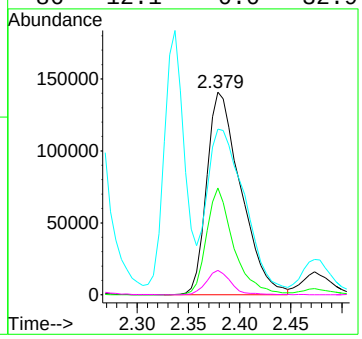


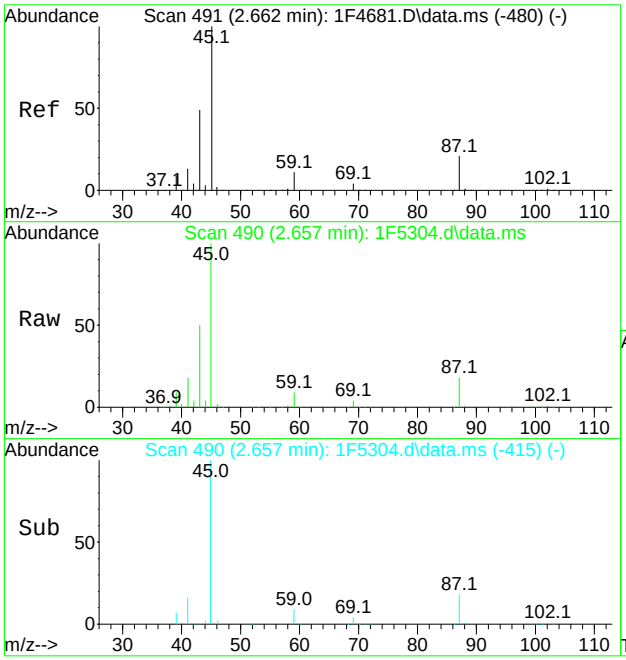


#26
hexane
Concen: 52.9799 ug/L
RT: 2.379 min Scan# 437
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 57 Resp: 325837

Ion	Ratio	Lower	Upper
57	100		
56	52.7	29.1	69.1
43	78.2	52.7	92.7
86	12.1	0.0	32.9

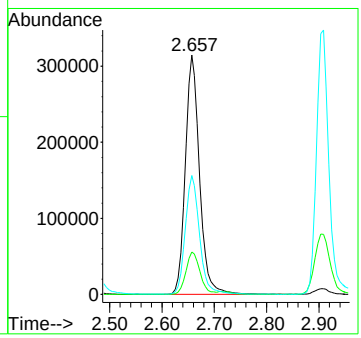


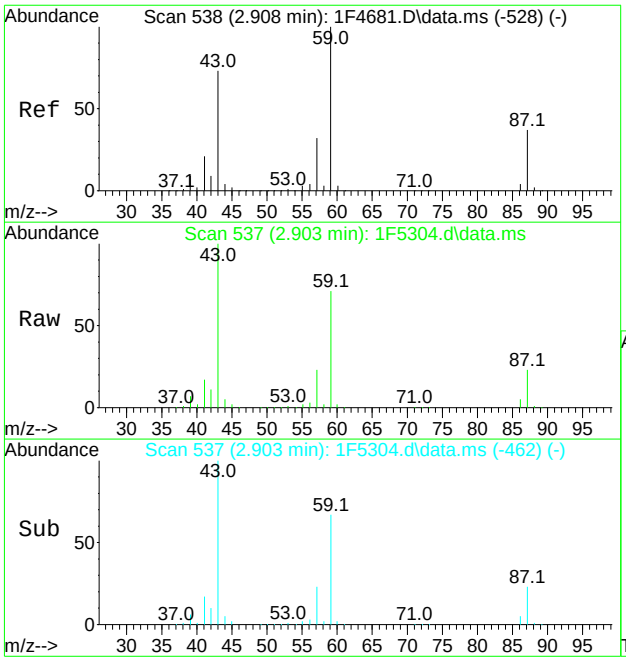


#27
di-isopropyl ether
Concen: 58.7419 ug/L
RT: 2.657 min Scan# 490
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 45 Resp: 593456

Ion	Ratio	Lower	Upper
45	100		
87	17.7	0.0	51.0
43	49.6	19.4	79.4

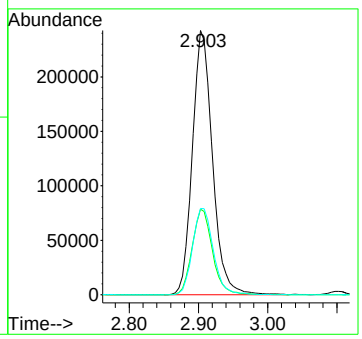


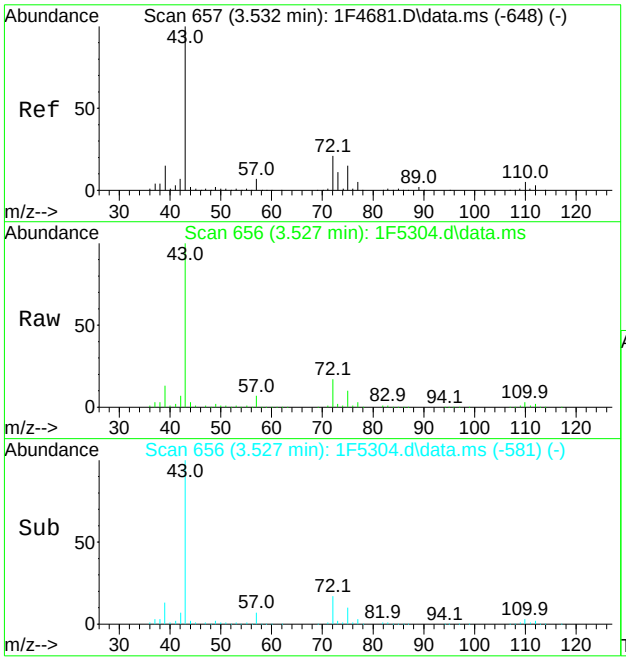


#28
ethyl tert-butyl ether
Concen: 53.9805 ug/L
RT: 2.903 min Scan# 537
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 59 Resp: 488994

Ion	Ratio	Lower	Upper
59	100		
57	32.3	2.3	62.3
87	32.7	6.5	66.5

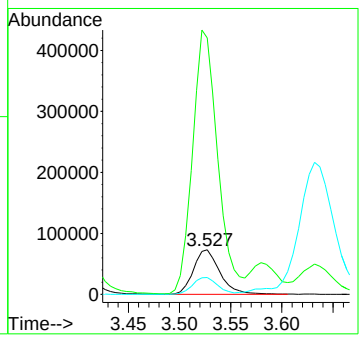


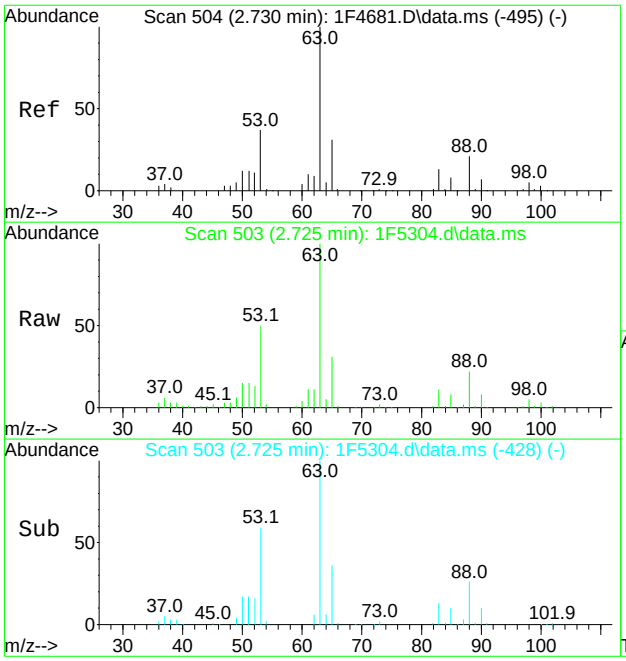


#29
2-butanone
Concen: 196.2034 ug/L
RT: 3.527 min Scan# 656
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 72 Resp: 130217

Ion	Ratio	Lower	Upper
72	100		
43	576.3	443.2	503.2#
57	38.0	2.9	62.9

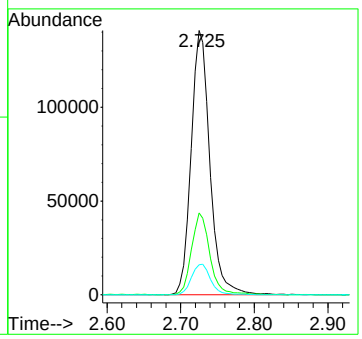


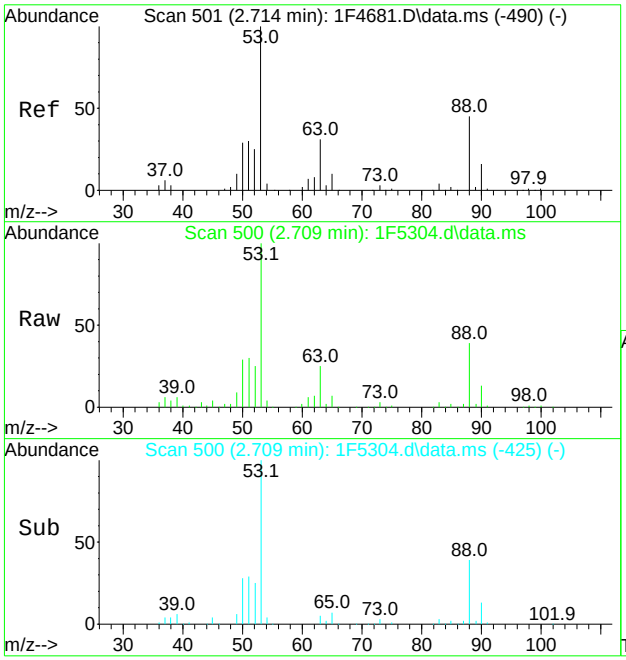


#30
1,1-dichloroethane
Concen: 52.6999 ug/L
RT: 2.725 min Scan# 503
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 63 Resp: 249446

Ion	Ratio	Lower	Upper
63	100		
65	31.0	1.5	61.5
83	11.4	0.0	42.7

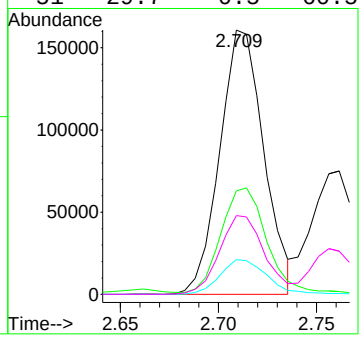


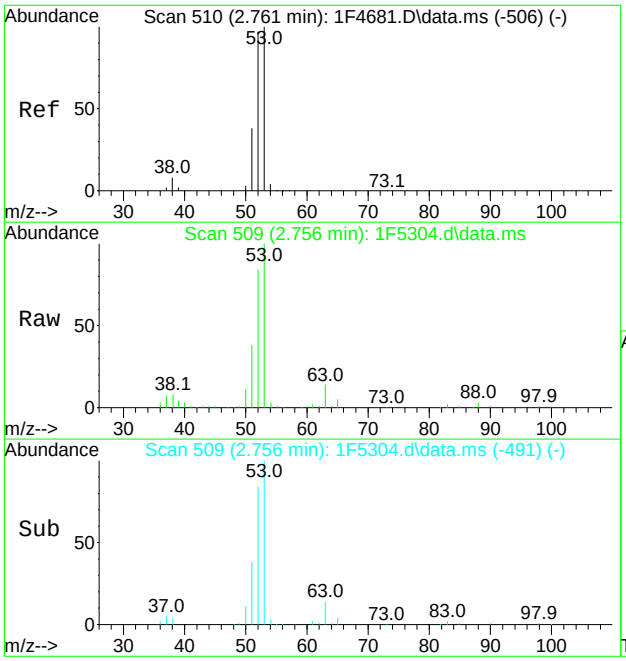


#31
chloroprene
Concen: 55.8558 ug/L
RT: 2.709 min Scan# 500
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 53 Resp: 251289

Ion	Ratio	Lower	Upper
53	100		
88	38.1	15.2	75.2
90	13.1	0.0	46.1
51	29.7	0.5	60.5

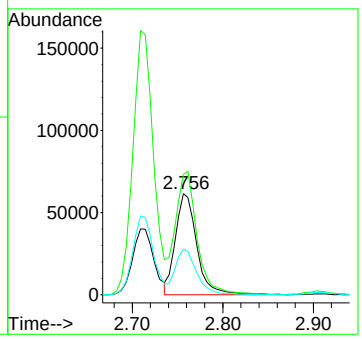


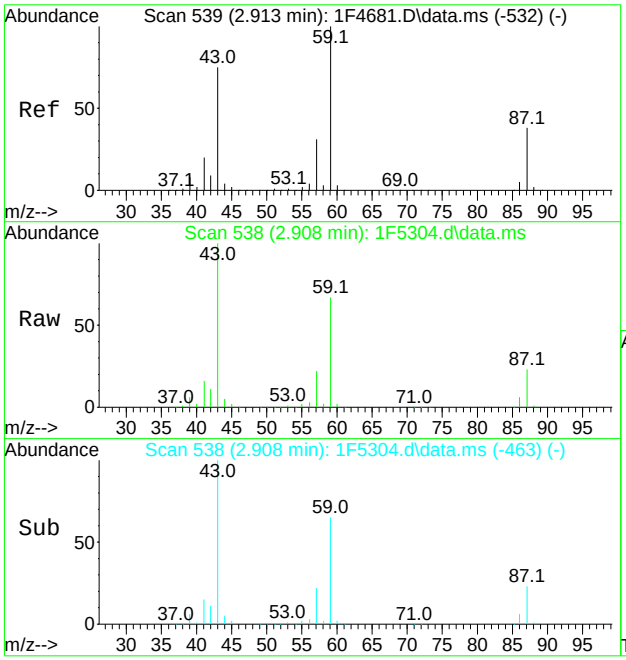


#32
acrylonitrile
Concen: 59.7143 ug/L
RT: 2.756 min Scan# 509
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 52 Resp: 102148

Ion	Ratio	Lower	Upper
52	100		
53	118.5	93.9	153.9
51	45.1	14.3	74.3

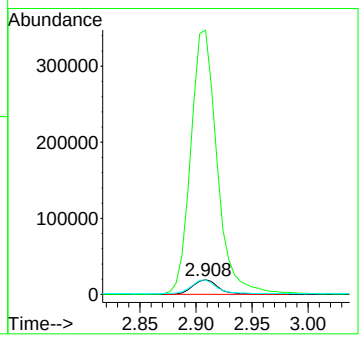


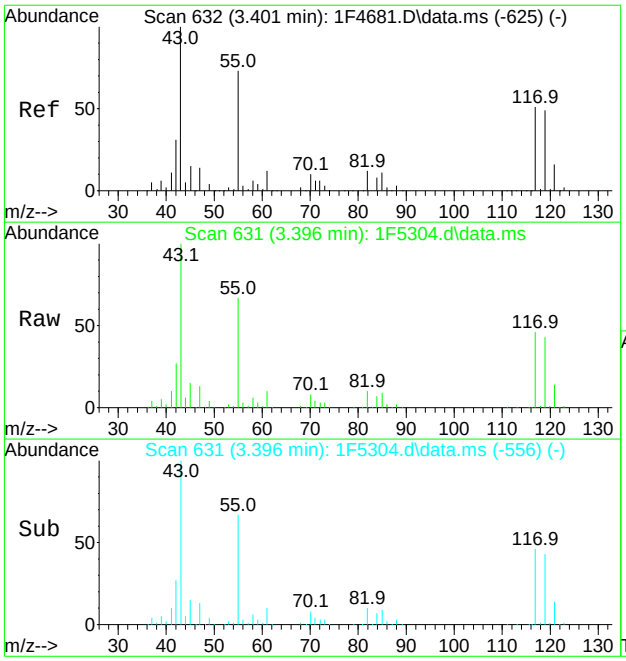


#33
vinyl acetate
Concen: 84.3213 ug/L
RT: 2.908 min Scan# 538
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 86 Resp: 30853

Ion	Ratio	Lower	Upper
86	100		
43	1809.1	1480.6	1540.6#
44	92.2	46.0	106.0

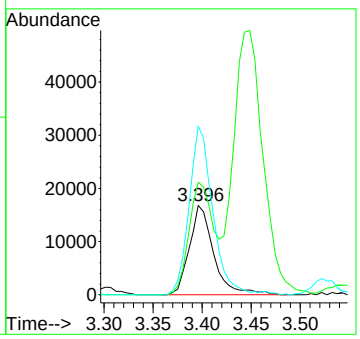


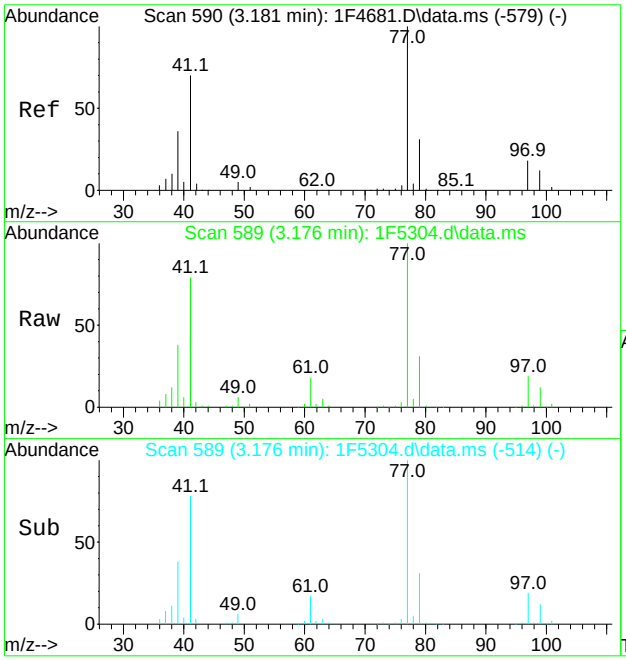


#34
ethyl acetate
Concen: 49.7897 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 70 Resp: 29018

Ion	Ratio	Lower	Upper
70	100		
61	125.8	97.3	157.3
45	188.6	118.7	178.7#

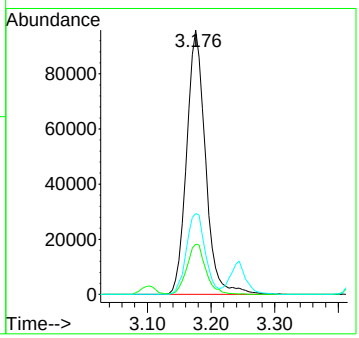


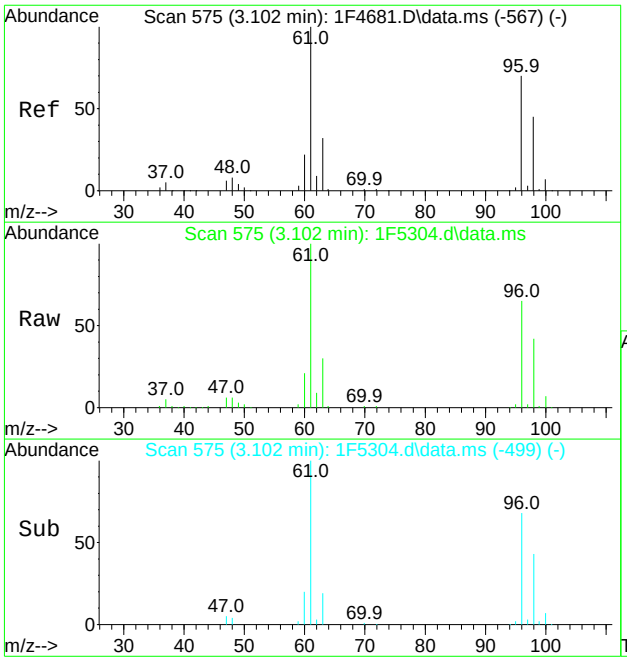


#35
2,2-dichloropropane
Concen: 54.2632 ug/L
RT: 3.176 min Scan# 589
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 77 Resp: 196978

Ion	Ratio	Lower	Upper
77	100		
97	19.0	0.0	48.4
79	30.5	0.6	60.6

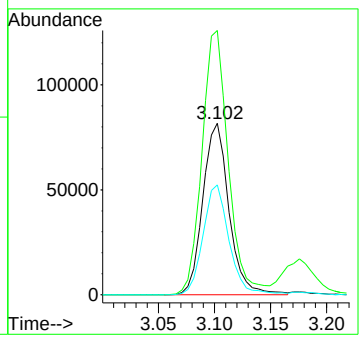


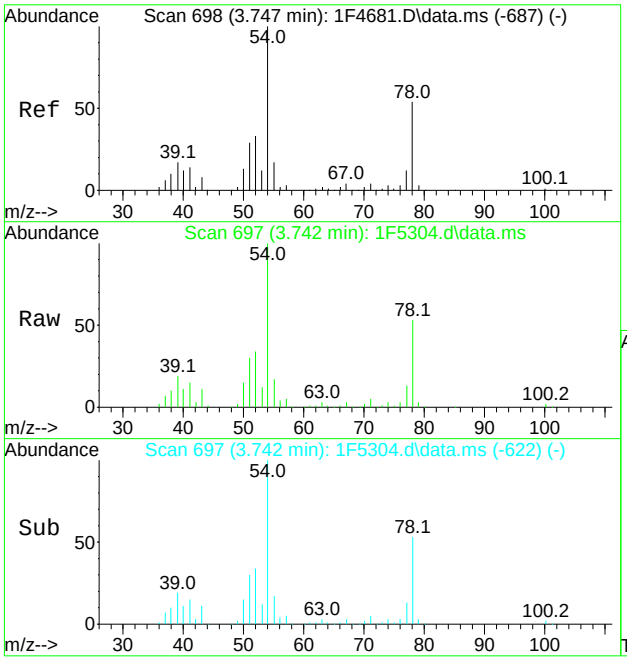


#36
cis-1,2-dichloroethene
Concen: 51.5244 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 96 Resp: 132938

Ion	Ratio	Lower	Upper
96	100		
61	154.2	113.8	173.8
98	64.0	34.7	94.7

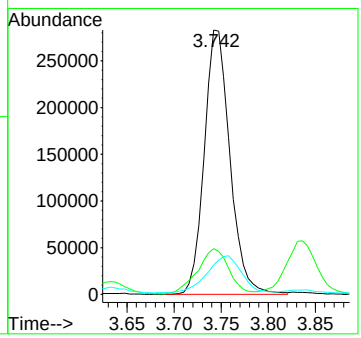


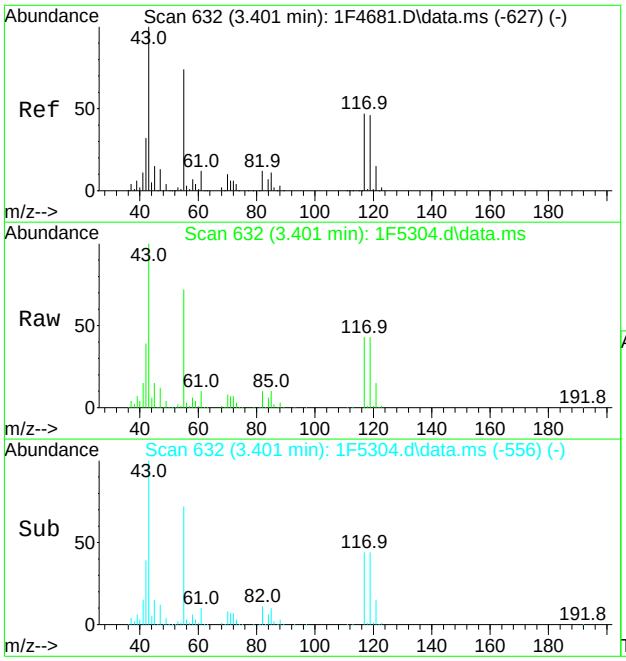


#37
propionitrile
Concen: 570.6624 ug/L
RT: 3.742 min Scan# 697
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 54 Resp: 536957

Ion	Ratio	Lower	Upper
54	100		
55	17.1	0.0	47.4
40	10.5	0.0	41.6

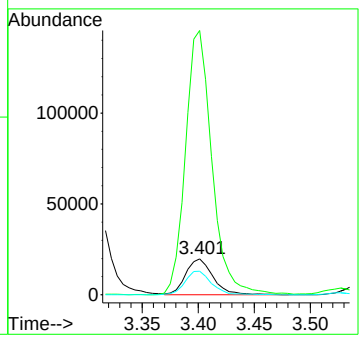


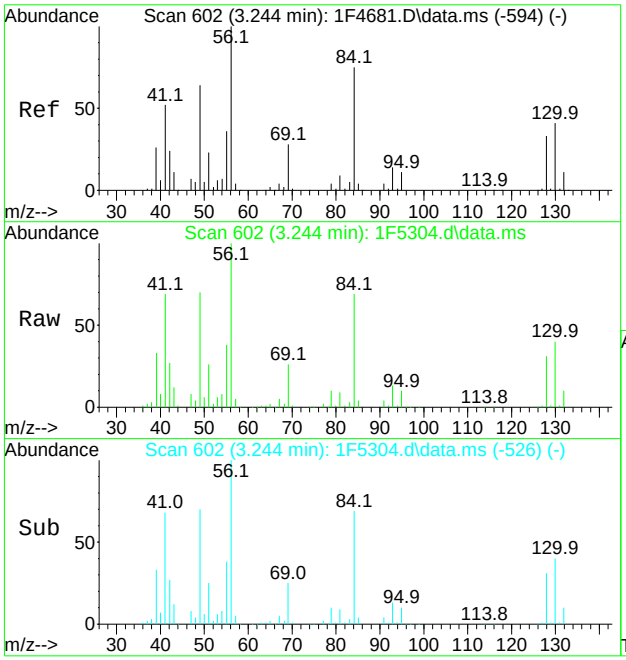


#38
methyl acrylate
Concen: 51.0297 ug/L
RT: 3.401 min Scan# 632
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 85 Resp: 33711

Ion	Ratio	Lower	Upper
85	100		
55	729.0	618.9	658.9#
58	65.4	35.4	75.4

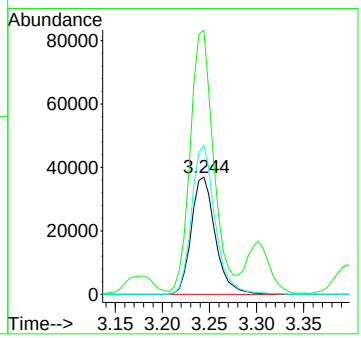


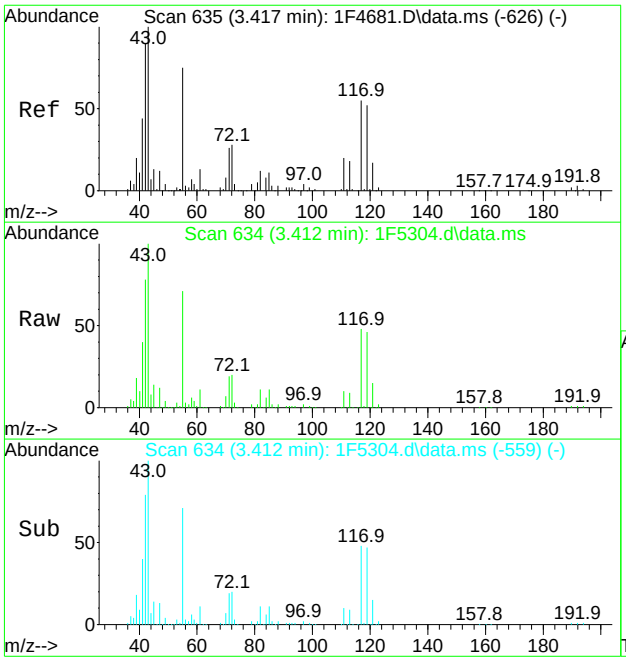


#39
bromochloromethane
Concen: 49.5558 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:128 Resp: 65469

Ion	Ratio	Lower	Upper
128	100		
49	222.3	165.9	225.9
130	127.3	94.8	154.8

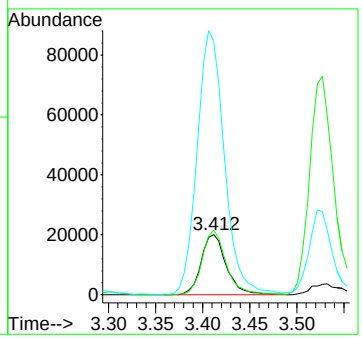


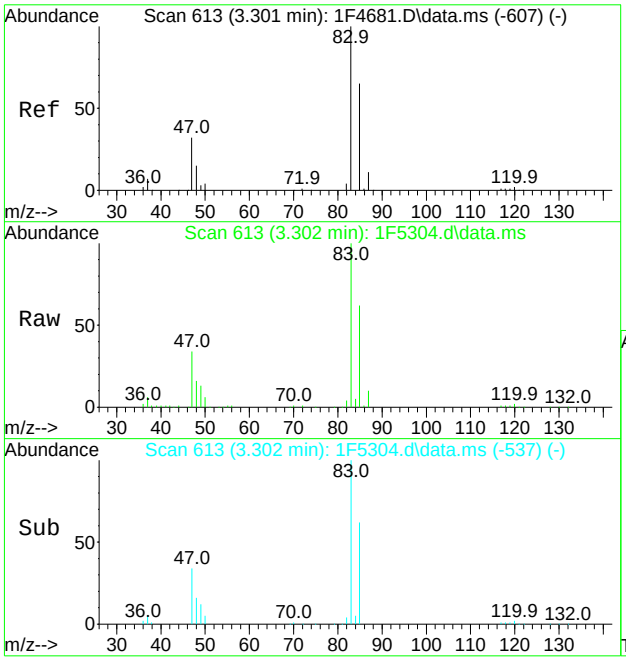


#40
tetrahydrofuran
Concen: 49.4552 ug/L
RT: 3.412 min Scan# 634
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 71 Resp: 37339

Ion	Ratio	Lower	Upper
71	100		
72	107.1	76.2	136.2
42	419.5	313.6	373.6#

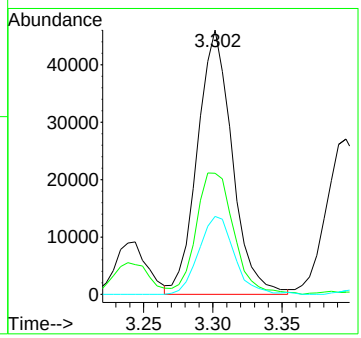


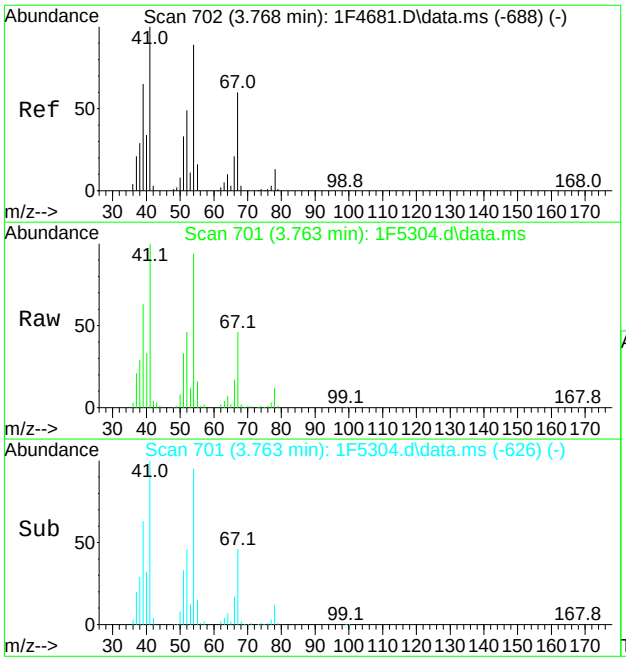


#41
chloroform
Concen: 52.8486 ug/L
RT: 3.302 min Scan# 613
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 47 Resp: 80573

Ion	Ratio	Lower	Upper
47	100		
48	45.9	18.3	78.3
87	30.0	3.4	63.4

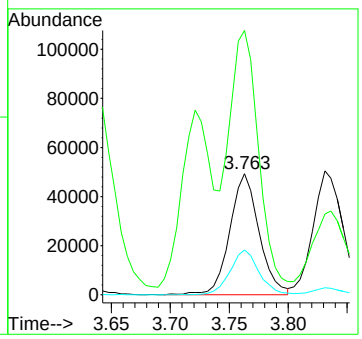


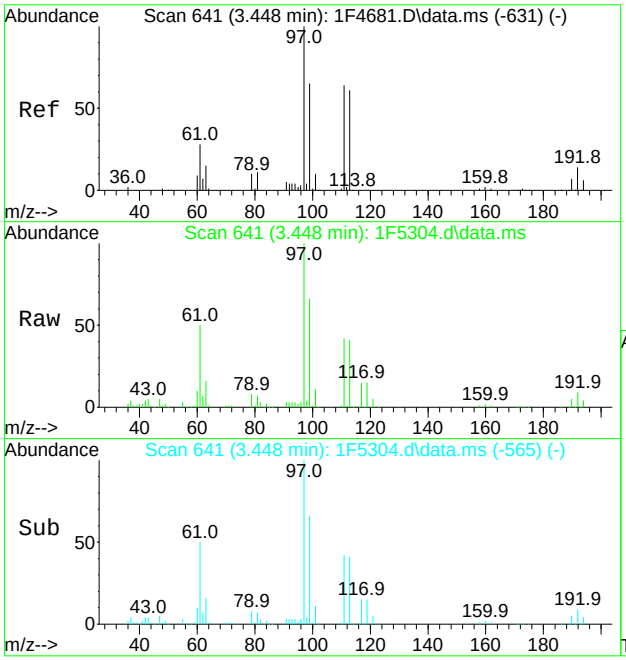


#43
methacrylonitrile
Concen: 47.2362 ug/L
RT: 3.763 min Scan# 701
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 67 Resp: 85737

Ion	Ratio	Lower	Upper
67	100		
41	207.2	135.5	195.5#
66	37.0	4.0	64.0

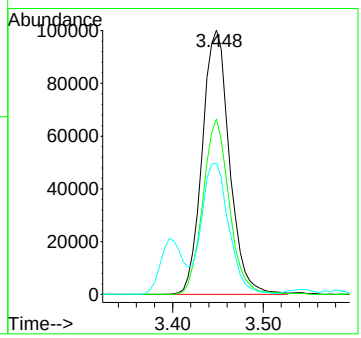


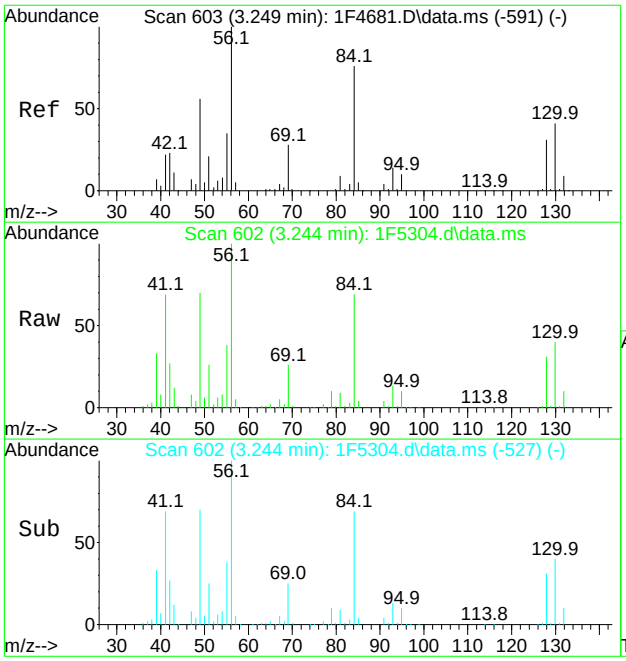


#44
1,1,1-trichloroethane
Concen: 52.3641 ug/L
RT: 3.448 min Scan# 641
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 97 Resp: 208430

Ion	Ratio	Lower	Upper
97	100		
99	66.4	34.5	94.5
61	48.3	17.5	77.5

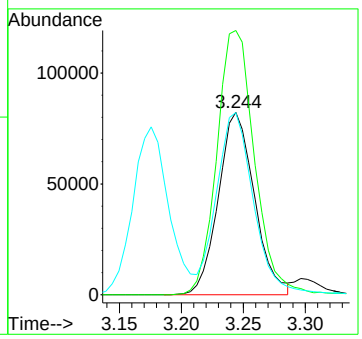


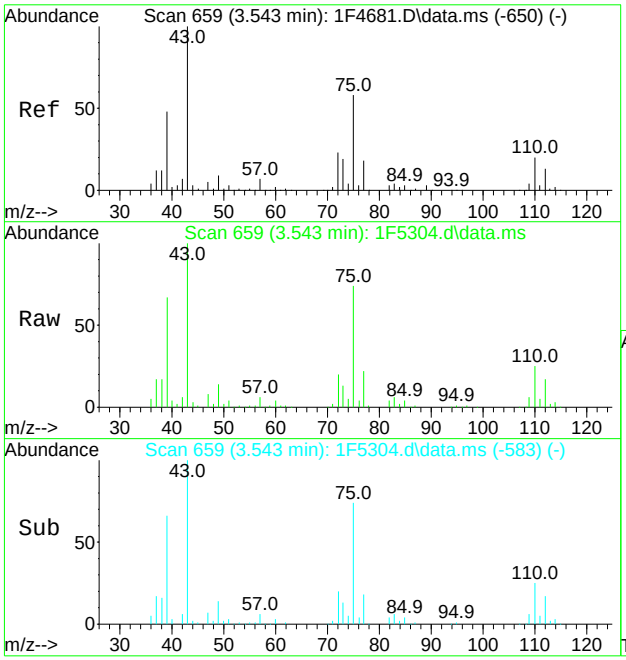


#45
cyclohexane
Concen: 47.6191 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 84 Resp: 166641

Ion	Ratio	Lower	Upper
84	100		
56	145.0	111.7	151.7
41	95.3	58.3	98.3

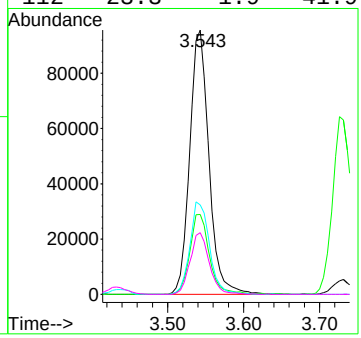


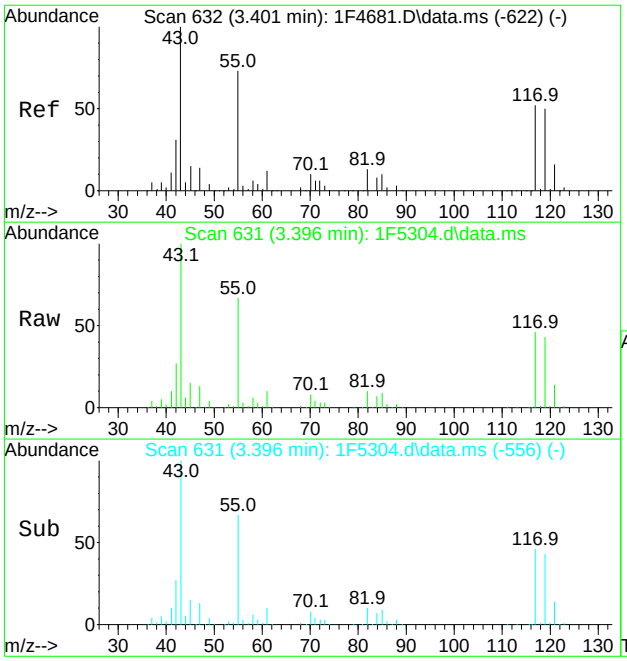


#46
1,1-dichloropropene
Concen: 49.9516 ug/L
RT: 3.543 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 75 Resp: 168343

Ion	Ratio	Lower	Upper
75	100		
77	30.3	10.1	50.1
110	33.9	14.5	54.5
112	23.3	1.9	41.9

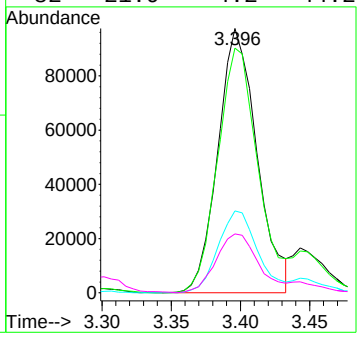


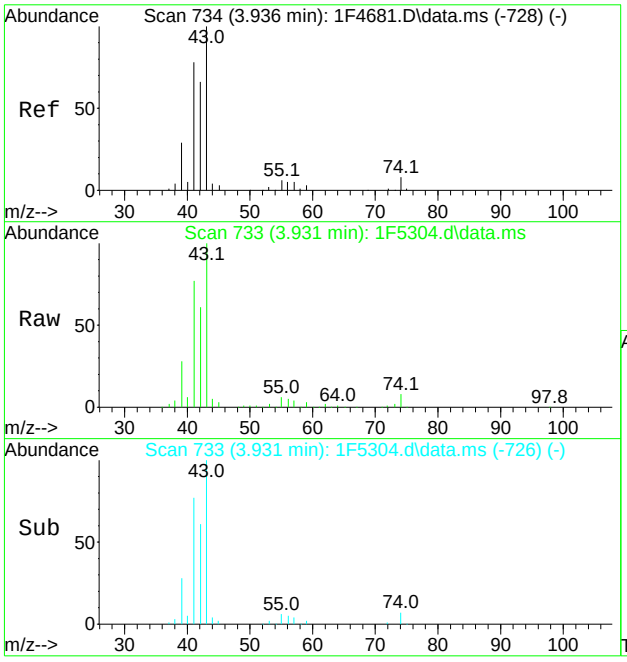


#47
carbon tetrachloride
Concen: 51.8917 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:117 Resp: 190483

Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.2	115.2
121	30.9	10.5	50.5
82	21.9	4.2	44.2

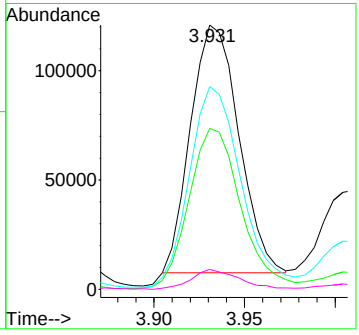


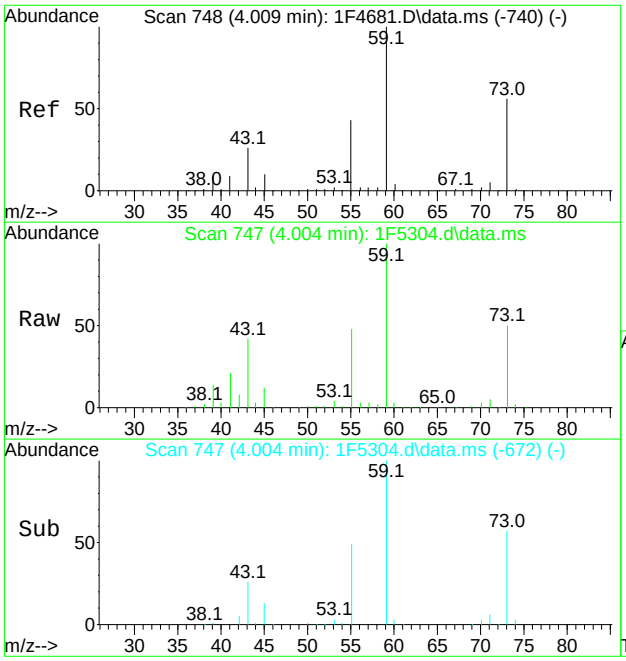


#48
isobutyl alcohol
Concen: 604.0544 ug/L
RT: 3.931 min Scan# 733
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 43 Resp: 209665

Ion	Ratio	Lower	Upper
43	100		
42	61.3	46.5	86.5
41	77.0	57.7	97.7
74	7.6	0.0	27.8

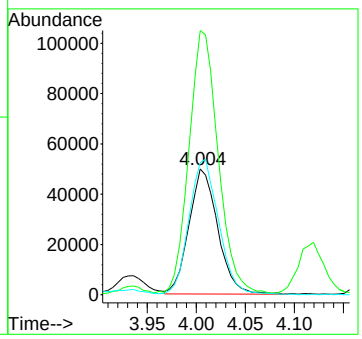


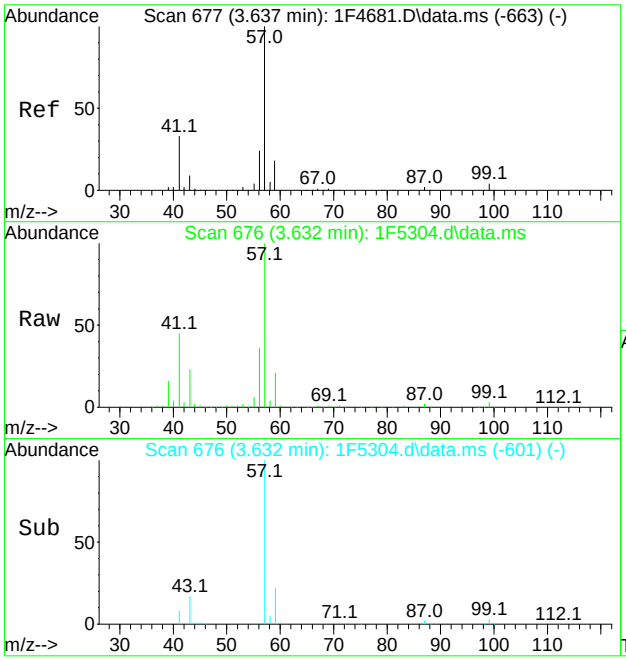


#49
tert-amyl alcohol
Concen: 280.4459 ug/L
RT: 4.004 min Scan# 747
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 55 Resp: 101767

Ion	Ratio	Lower	Upper
55	100		
59	209.2	207.4	247.4
73	105.2	108.9	148.9#

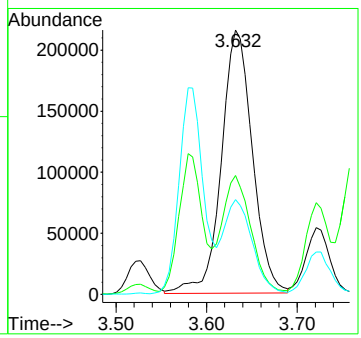


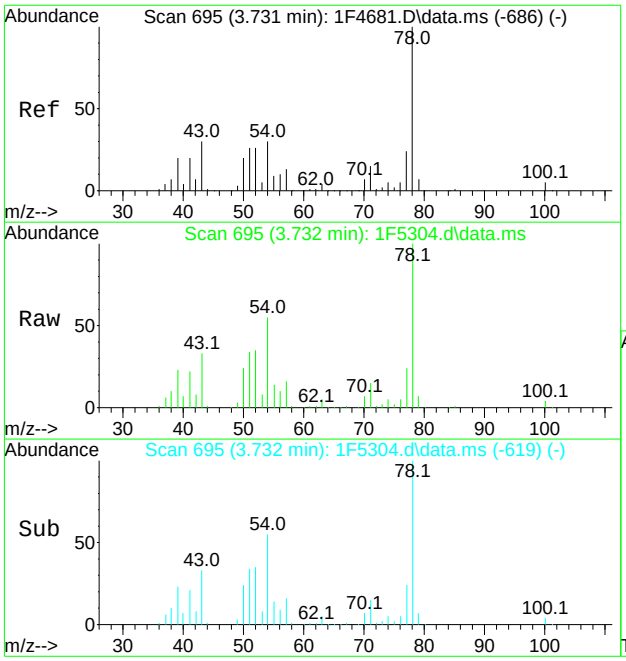


#52
iso-octane
Concen: 55.6173 ug/L
RT: 3.632 min Scan# 676
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 57 Resp: 512408

Ion	Ratio	Lower	Upper
57	100		
41	44.0	19.0	59.0
56	35.5	14.0	54.0

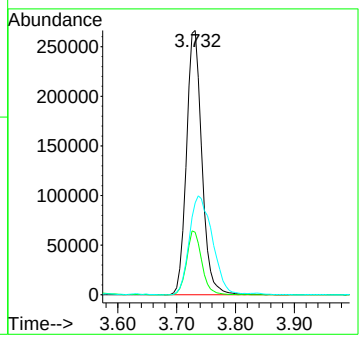


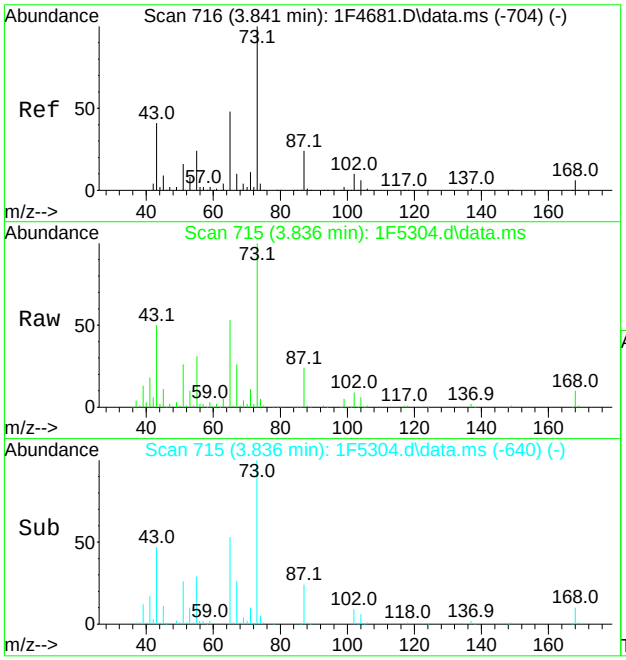


#53
benzene
Concen: 49.9751 ug/L
RT: 3.732 min Scan# 695
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 78 Resp: 484450

Ion	Ratio	Lower	Upper
78	100		
77	23.7	0.0	53.7
52	34.8	0.0	56.0

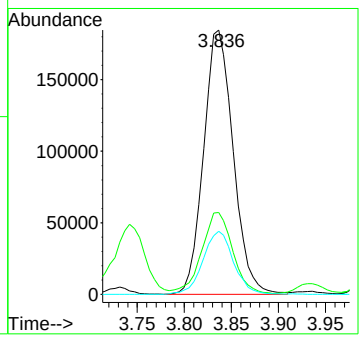


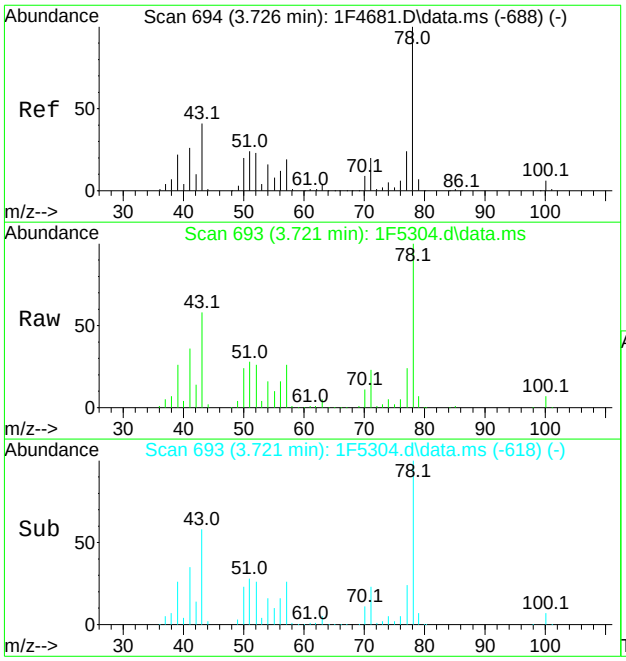


#54
tert-amyl methyl ether
Concen: 50.7910 ug/L
RT: 3.836 min Scan# 715
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 73 Resp: 404545

Ion	Ratio	Lower	Upper
73	100		
55	30.1	4.7	44.7
87	23.9	3.8	43.8

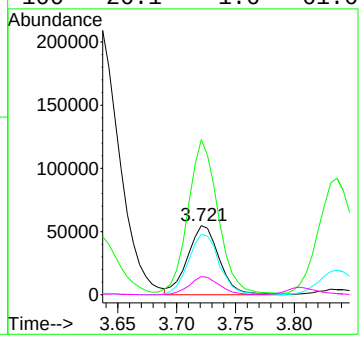


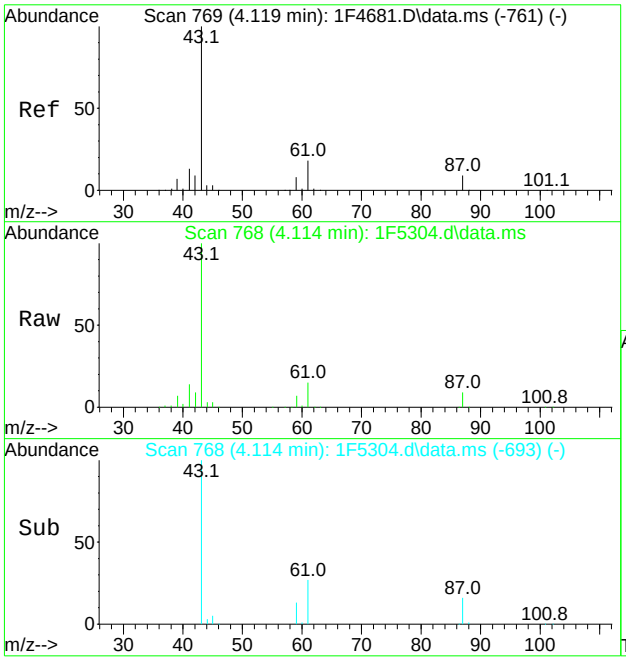


#55
heptane
Concen: 59.2267 ug/L
RT: 3.721 min Scan# 693
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 57 Resp: 102848

Ion	Ratio	Lower	Upper
57	100		
43	223.1	178.1	238.1
71	87.7	70.9	130.9
100	26.1	1.6	61.6

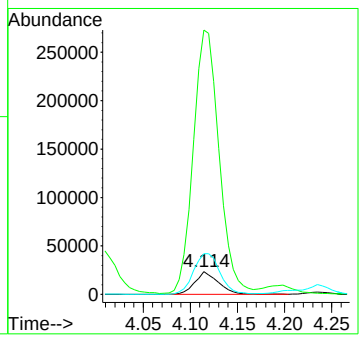


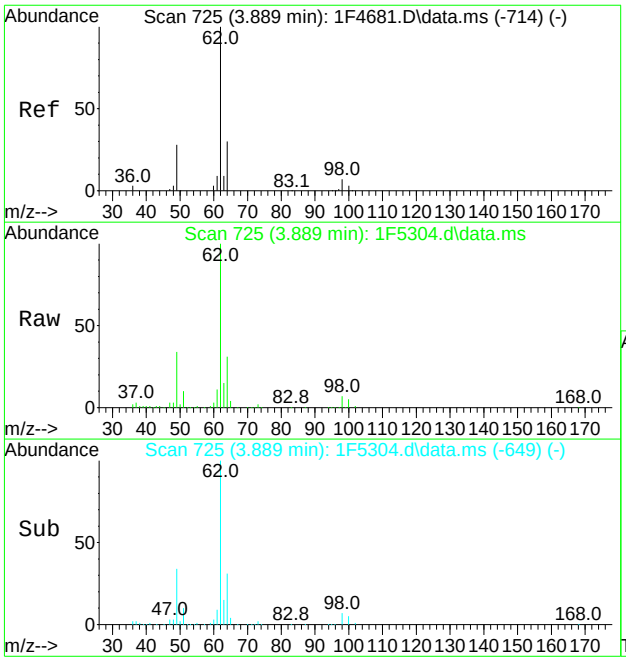


#56
isopropyl acetate
Concen: 50.6220 ug/L
RT: 4.114 min Scan# 768
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 87 Resp: 41021

Ion	Ratio	Lower	Upper
87	100		
43	1152.1	1045.8	1105.8#
61	178.2	166.3	226.3

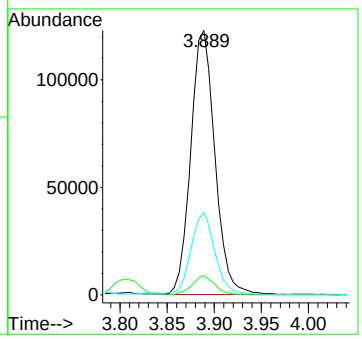


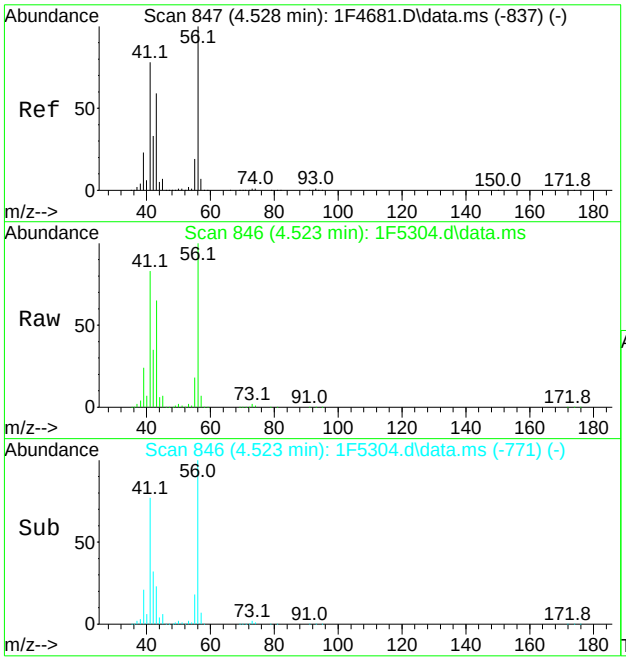


#57
1,2-dichloroethane
Concen: 51.8152 ug/L
RT: 3.889 min Scan# 725
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 62 Resp: 218713

Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	38.4
64	31.2	0.6	60.6

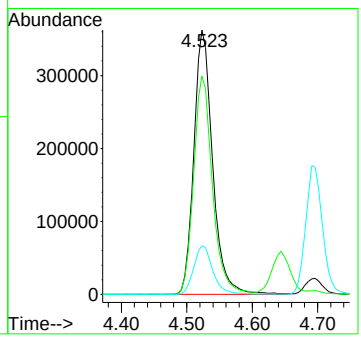


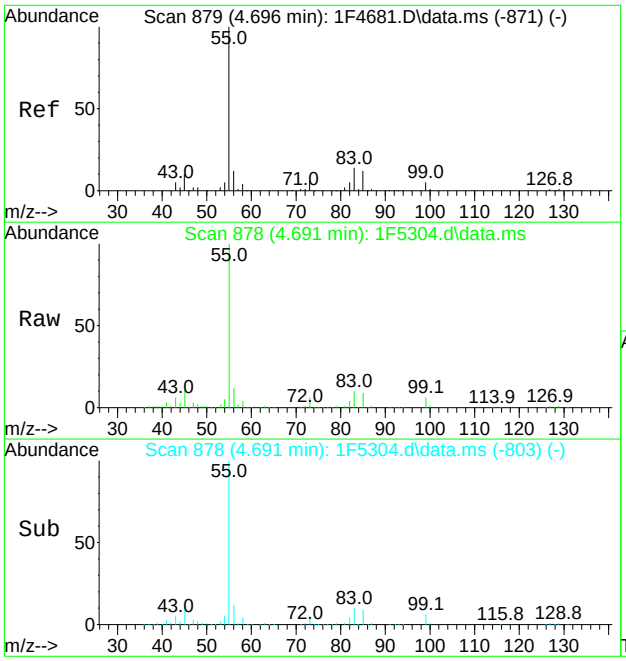


#58
n-butyl alcohol
Concen: 3023.0502 ug/L
RT: 4.523 min Scan# 846
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 56 Resp: 721407

Ion	Ratio	Lower	Upper
56	100		
41	82.5	58.4	98.4
55	18.3	0.0	38.7

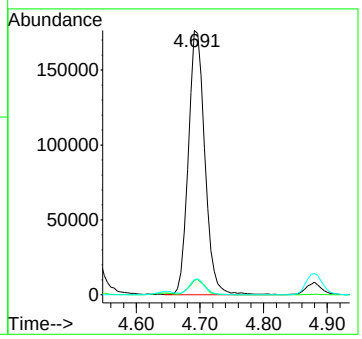


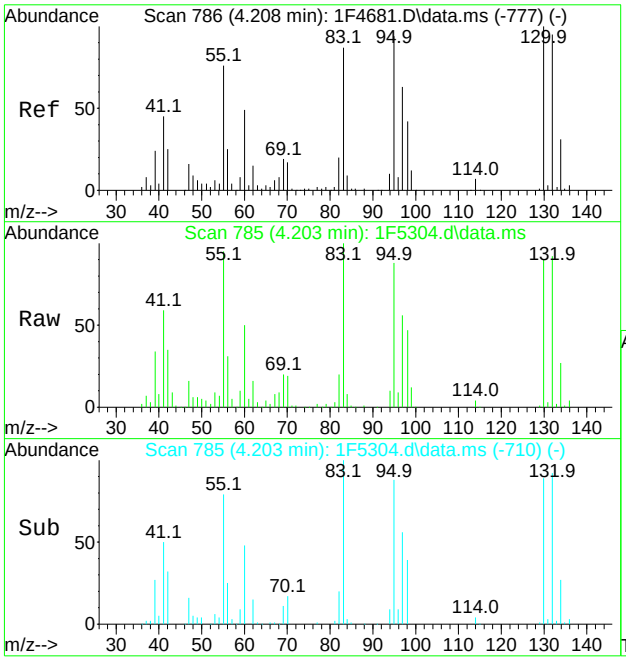


#59
ethyl acrylate
Concen: 58.2020 ug/L
RT: 4.691 min Scan# 878
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 55 Resp: 317116

Ion	Ratio	Lower	Upper
55	100		
73	5.6	0.0	36.5
99	5.8	0.0	36.3

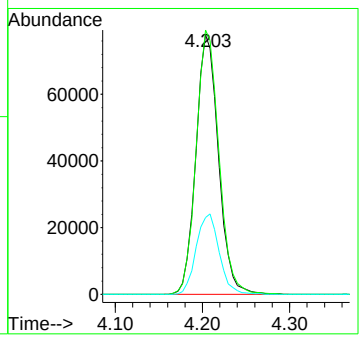


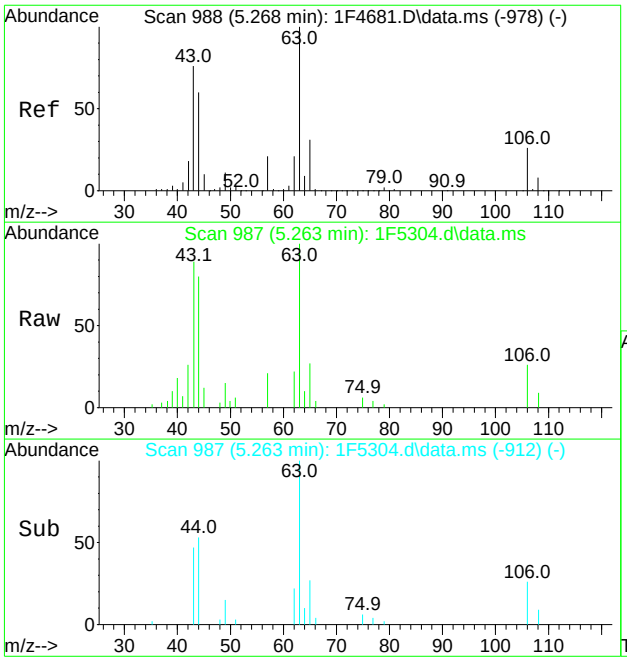


#60
trichloroethene
Concen: 48.0500 ug/L
RT: 4.203 min Scan# 785
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:130 Resp: 140084

Ion	Ratio	Lower	Upper
130	100		
132	101.9	65.1	125.1
134	29.6	0.7	60.7

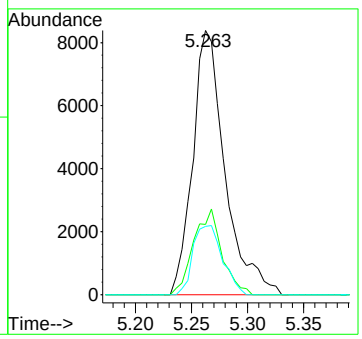


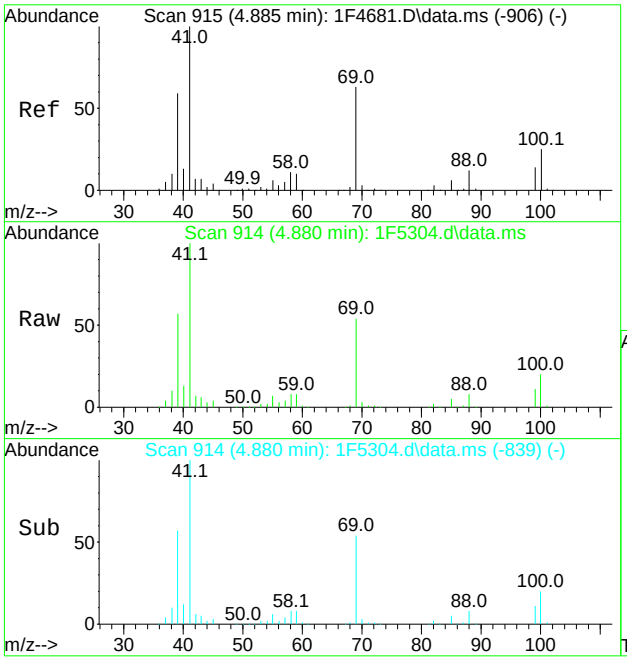


#62
2-chloroethyl vinyl ether
Concen: 8.0783 ug/L
RT: 5.263 min Scan# 987
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 63 Resp: 16786

Ion	Ratio	Lower	Upper
63	100		
65	26.6	1.4	61.4
106	25.9	0.0	55.6

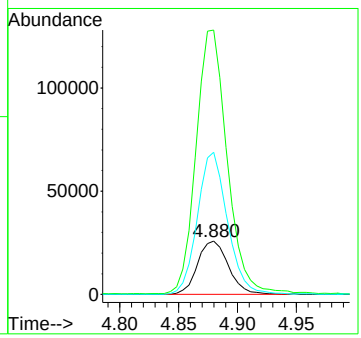


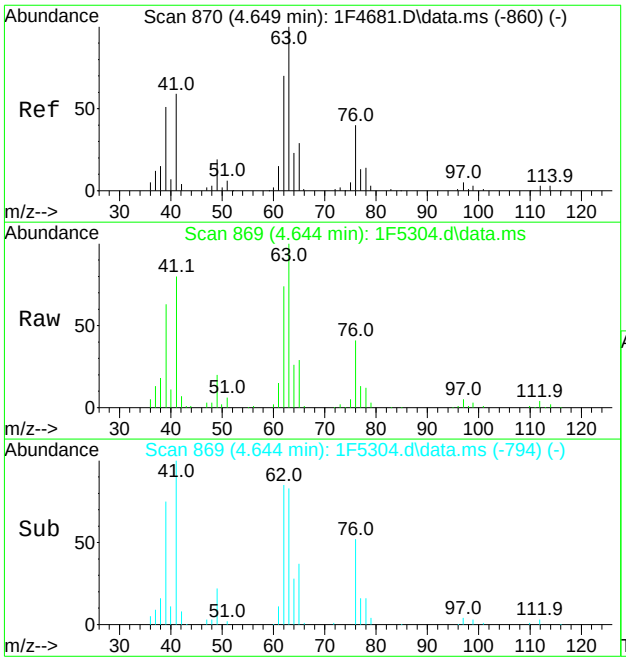


#63
methyl methacrylate
Concen: 53.6446 ug/L
RT: 4.880 min Scan# 914
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:100 Resp: 47158

Ion	Ratio	Lower	Upper
100	100		
41	495.2	371.0	431.0#
69	267.4	223.0	283.0

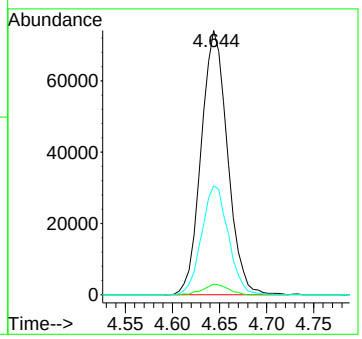


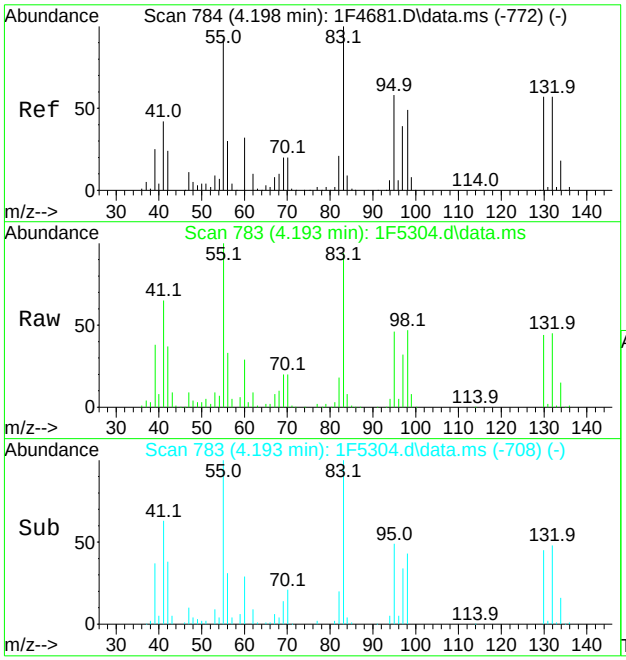


#64
1,2-dichloropropane
Concen: 52.7111 ug/L
RT: 4.644 min Scan# 869
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 63 Resp: 144596

Ion	Ratio	Lower	Upper
63	100		
112	4.0	0.0	33.3
76	41.2	10.3	70.3

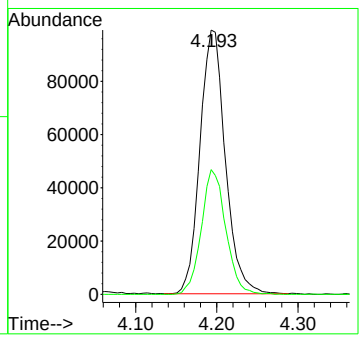


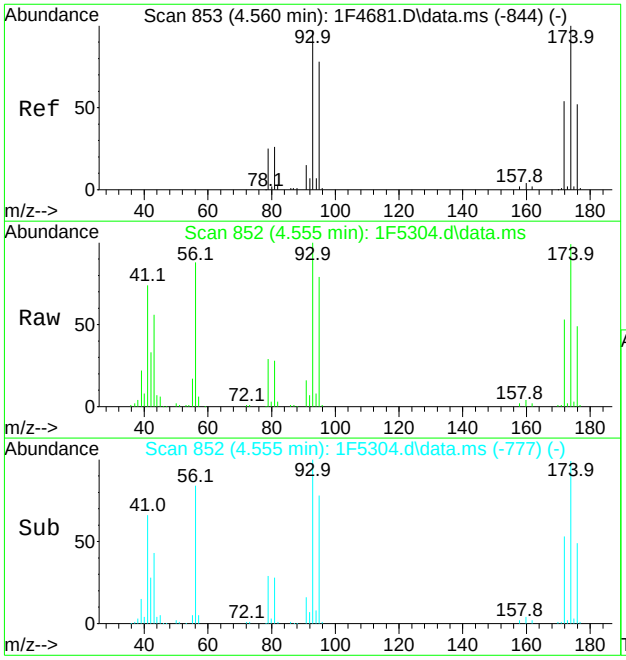


#65
methylcyclohexane
Concen: 54.3210 ug/L
RT: 4.193 min Scan# 783
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 55 Resp: 215053

Ion	Ratio	Lower	Upper
55	100		
98	47.3	22.3	82.3

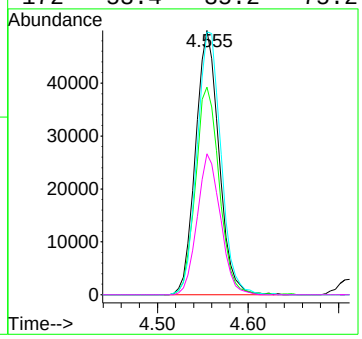


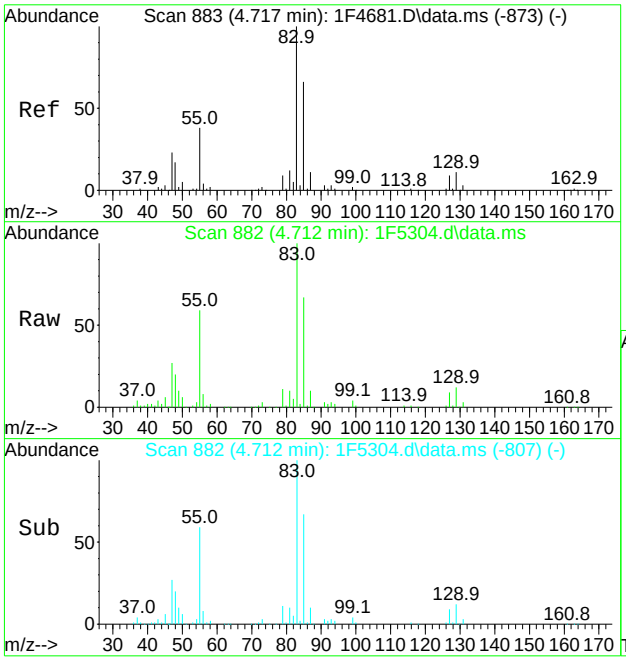


#66
dibromomethane
Concen: 48.6257 ug/L
RT: 4.555 min Scan# 852
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 93 Resp: 89591

Ion	Ratio	Lower	Upper
93	100		
95	78.6	50.3	110.3
174	99.4	73.1	133.1
172	53.4	35.2	75.2

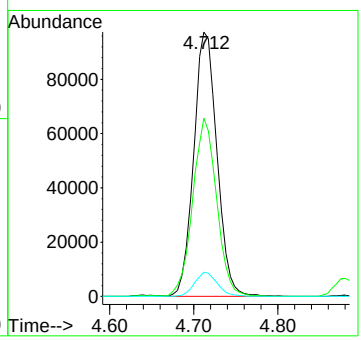


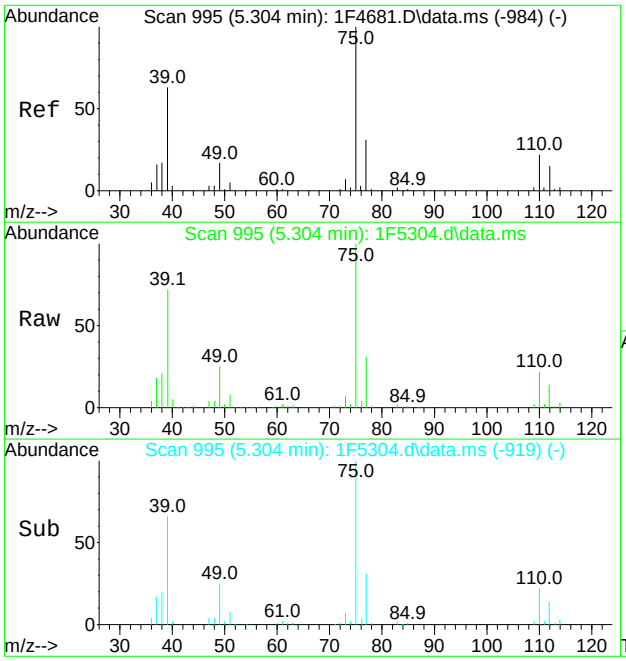


#67
bromodichloromethane
Concen: 51.9730 ug/L
RT: 4.712 min Scan# 882
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 83 Resp: 187516

Ion	Ratio	Lower	Upper
83	100		
85	67.4	36.2	96.2
127	9.2	0.0	39.3

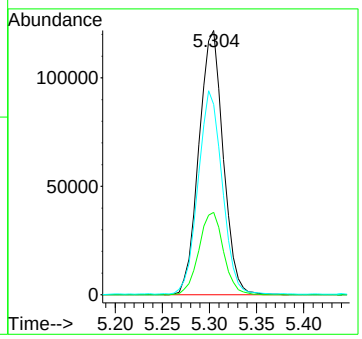


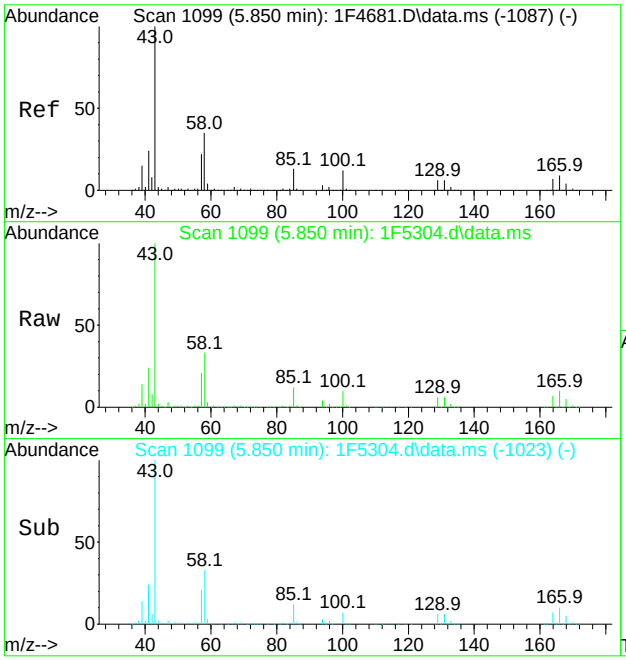


#69
cis-1,3-dichloropropene
Concen: 50.7921 ug/L
RT: 5.304 min Scan# 995
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 75 Resp: 218361

Ion	Ratio	Lower	Upper
75	100		
77	31.2	1.6	61.6
39	71.6	34.9	94.9

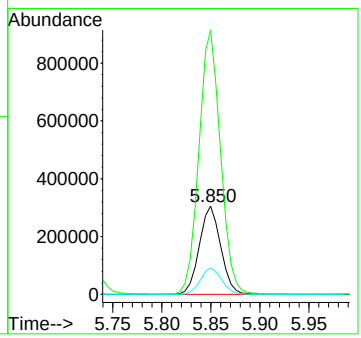


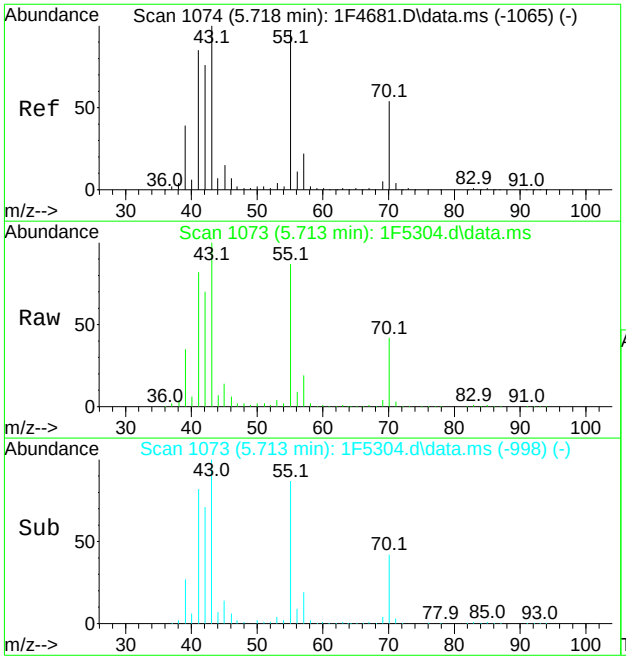


#70
4-methyl-2-pentanone
Concen: 237.6584 ug/L
RT: 5.850 min Scan# 1099
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 58 Resp: 462222

Ion	Ratio	Lower	Upper
58	100		
43	299.2	257.8	317.8
100	30.2	3.4	63.4

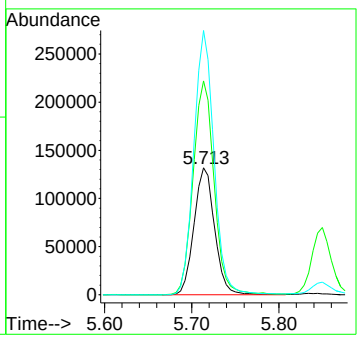


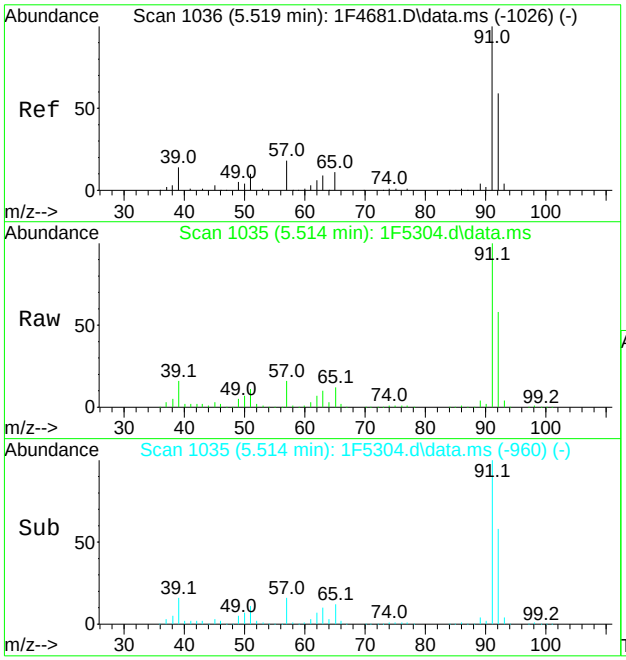


#71
3-methyl-1-butanol
Concen: 1123.9156 ug/L
RT: 5.713 min Scan# 1073
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 70 Resp: 216400

Ion	Ratio	Lower	Upper
70	100		
42	168.3	111.6	171.6
55	208.2	150.0	210.0

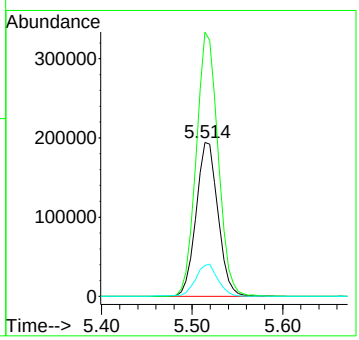


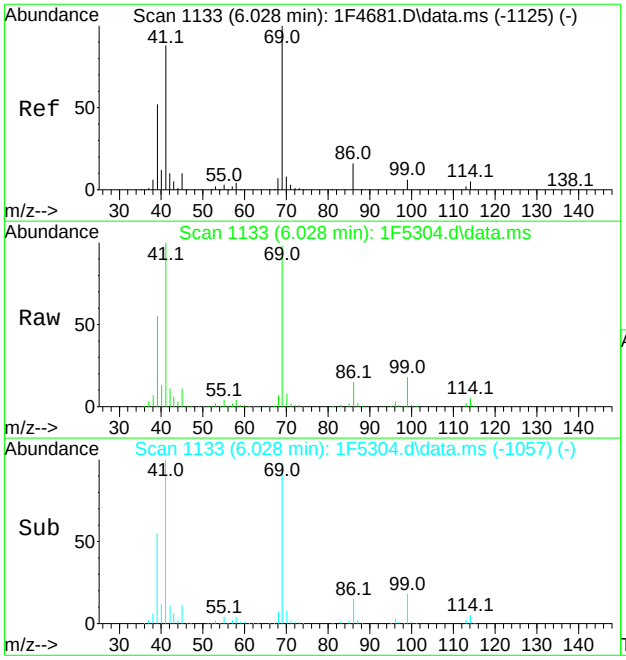


#74
toluene
Concen: 50.4734 ug/L
RT: 5.514 min Scan# 1035
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 92 Resp: 325718

Ion	Ratio	Lower	Upper
92	100		
91	171.7	149.7	189.7
65	20.1	0.0	39.3

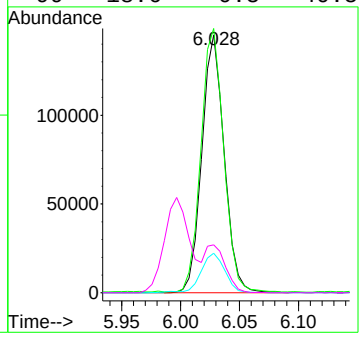


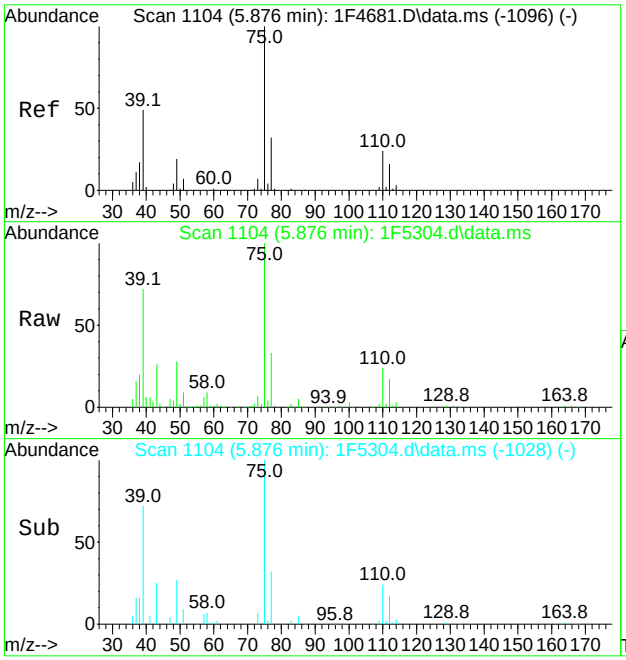


#75
ethyl methacrylate
Concen: 51.4239 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 69 Resp: 191806

Ion	Ratio	Lower	Upper
69	100		
41	102.2	68.4	108.4
86	15.4	0.0	35.9
99	18.6	0.5	40.5

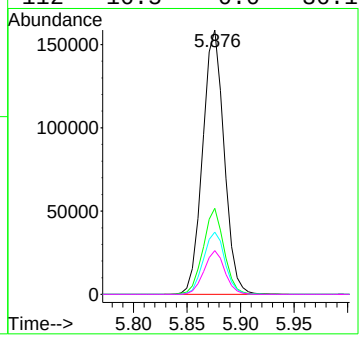


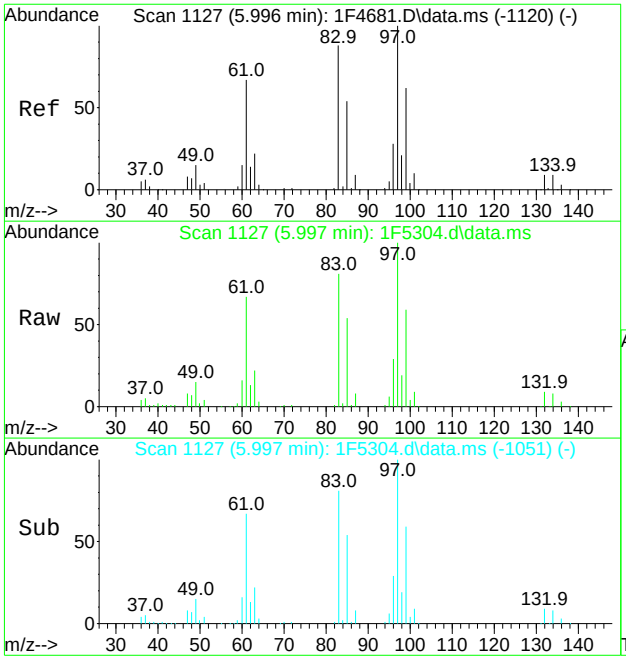


#76
trans-1,3-dichloropropene
Concen: 52.2650 ug/L
RT: 5.876 min Scan# 1104
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 75 Resp: 221592

Ion	Ratio	Lower	Upper
75	100		
77	32.6	11.9	51.9
110	23.5	4.0	44.0
112	16.5	0.0	36.1

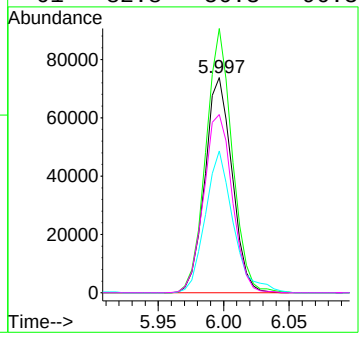


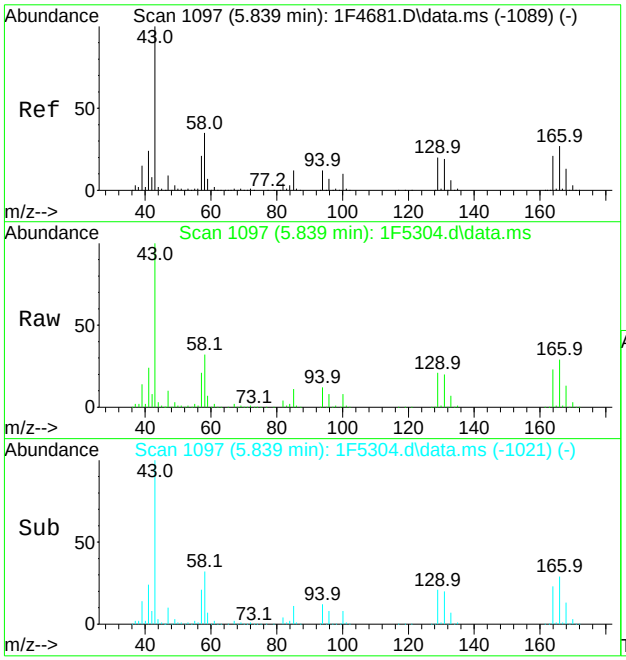


#77
1,1,2-trichloroethane
Concen: 48.6146 ug/L
RT: 5.997 min Scan# 1127
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 83 Resp: 106402

Ion	Ratio	Lower	Upper
83	100		
97	122.9	93.8	133.8
85	66.0	41.5	81.5
61	82.8	56.3	96.3

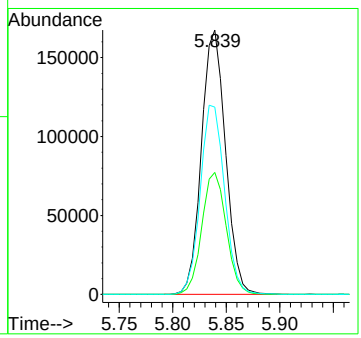


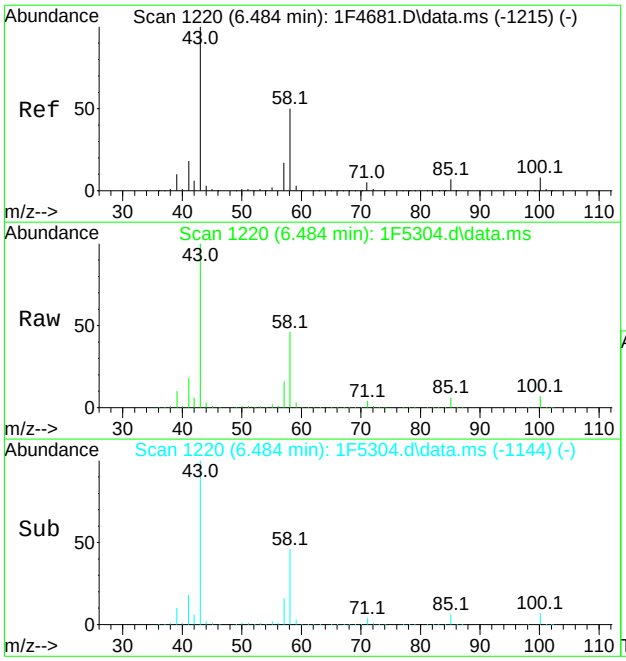


#78
tetrachloroethene
Concen: 86.1039 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:166 Resp: 262784

Ion	Ratio	Lower	Upper
166	100		
168	46.1	17.4	77.4
129	70.8	42.9	102.9

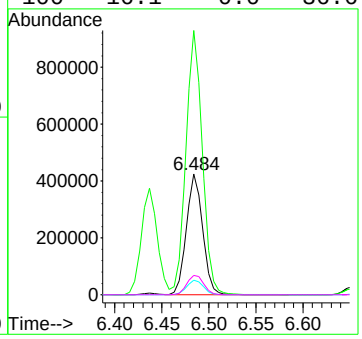


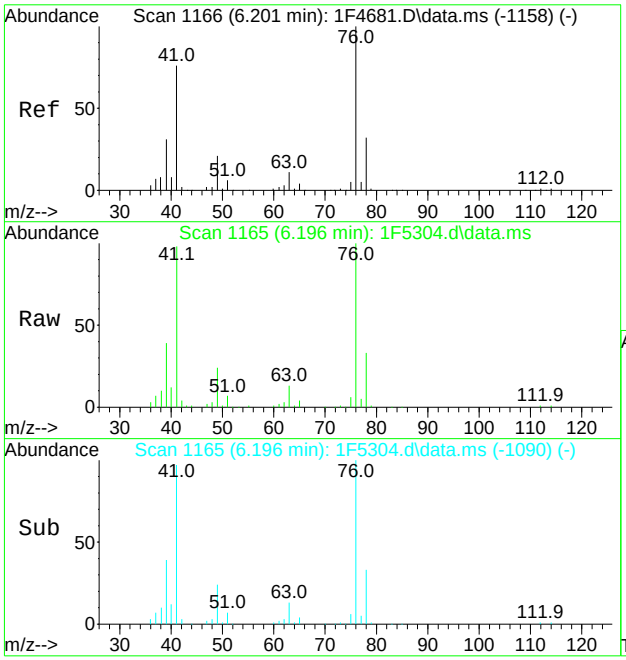


#79
2-hexanone
Concen: 234.4688 ug/L
RT: 6.484 min Scan# 1220
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 58 Resp: 511652

Ion	Ratio	Lower	Upper
58	100		
43	218.6	186.4	226.4
85	12.1	0.0	33.7
100	16.1	0.0	36.6

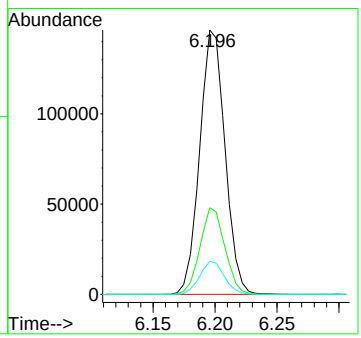


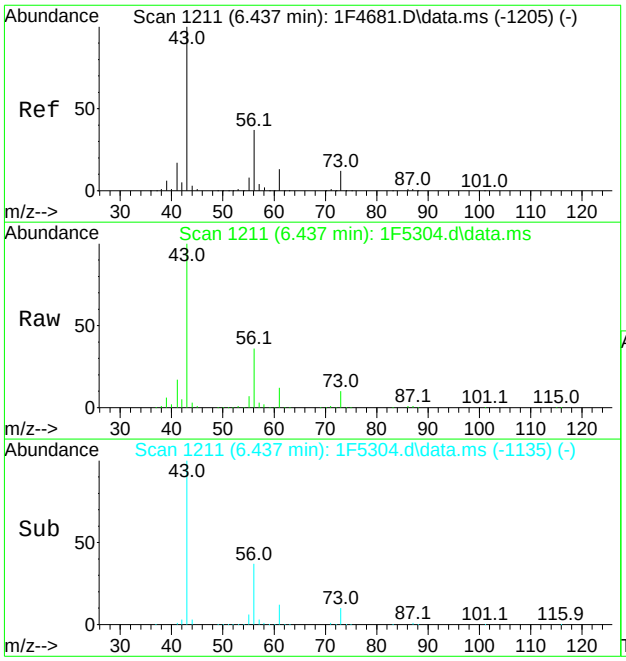


#80
1,3-dichloropropane
Concen: 49.3051 ug/L
RT: 6.196 min Scan# 1165
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 76 Resp: 208361

Ion	Ratio	Lower	Upper
76	100		
78	32.7	1.8	61.8
63	12.6	0.0	41.2

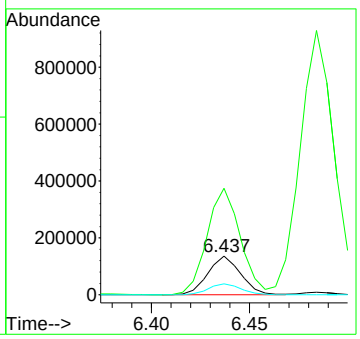


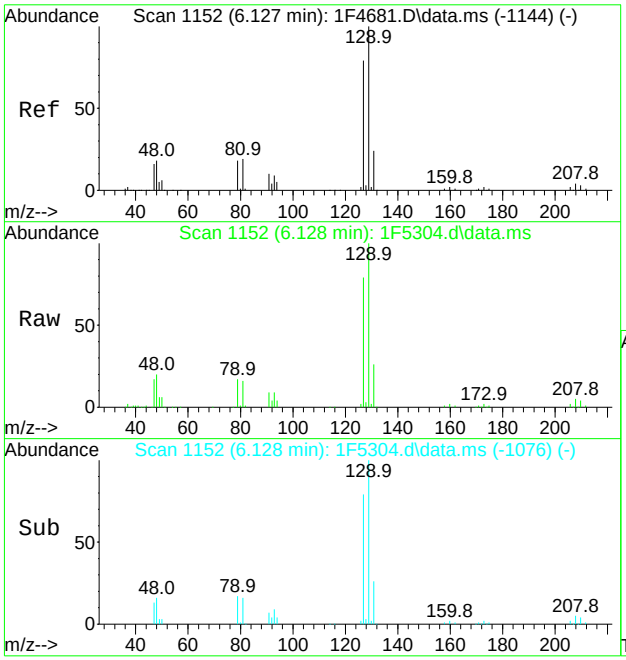


#81
butyl acetate
Concen: 59.7384 ug/L
RT: 6.437 min Scan# 1211
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 56 Resp: 157824

Ion	Ratio	Lower	Upper
56	100		
43	275.4	242.5	302.5
73	28.6	3.8	63.8

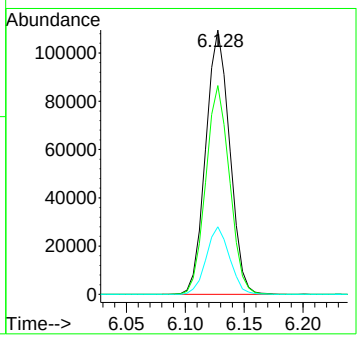


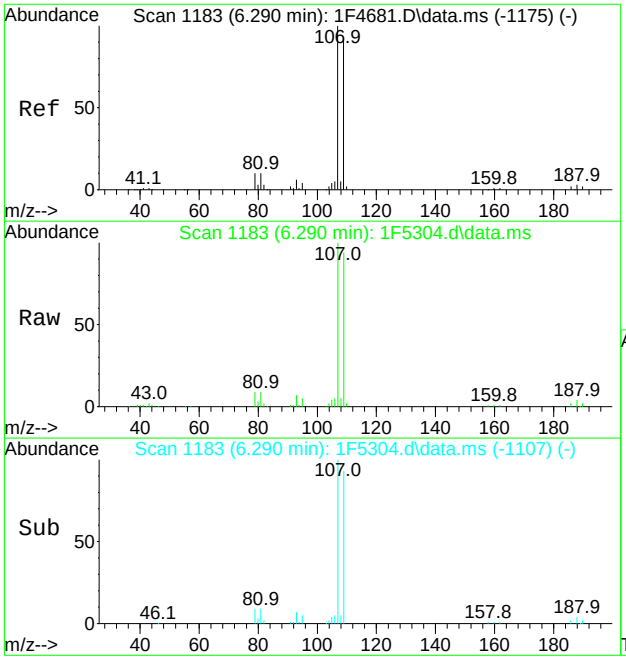


#82
dibromochloromethane
Concen: 51.8291 ug/L
RT: 6.128 min Scan# 1152
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:129 Resp: 155322

Ion	Ratio	Lower	Upper
129	100		
127	79.0	49.3	109.3
131	25.6	0.0	54.2

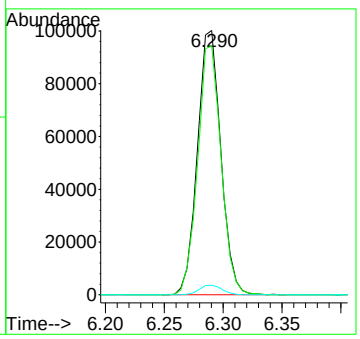


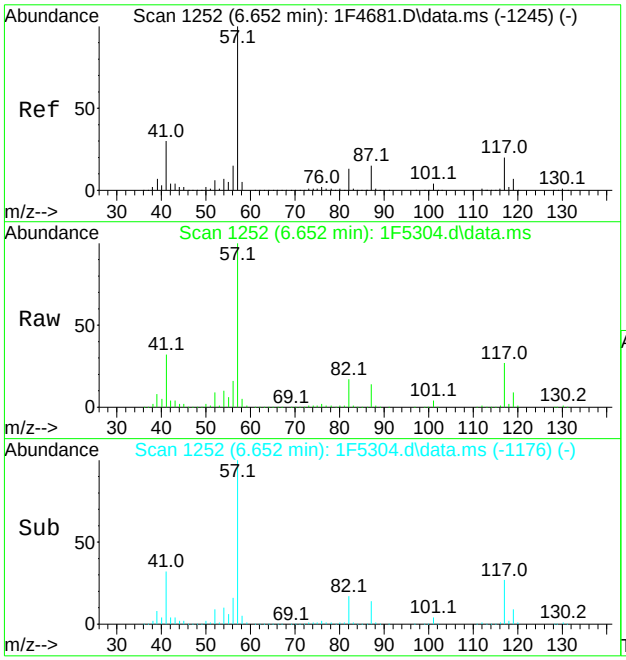


#83
1,2-dibromoethane
Concen: 47.9082 ug/L
RT: 6.290 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:107 Resp: 138616

Ion	Ratio	Lower	Upper
107	100		
109	94.1	62.2	122.2
188	3.6	0.0	33.1

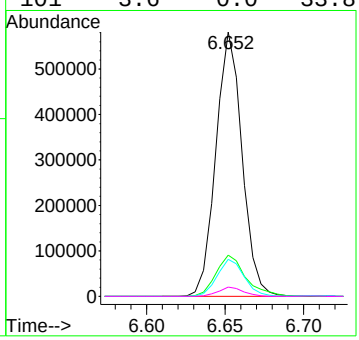


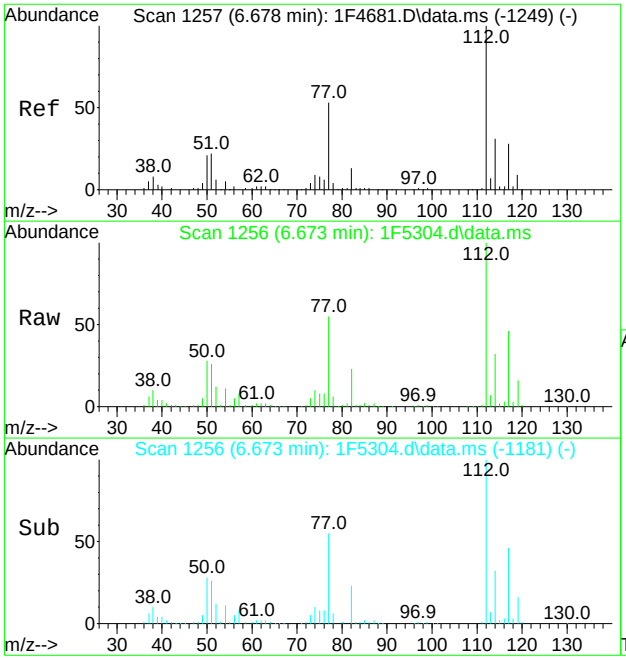


#84
n-butyl ether
Concen: 56.4325 ug/L
RT: 6.652 min Scan# 1252
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 57 Resp: 673993

Ion	Ratio	Lower	Upper
57	100		
56	15.6	0.0	45.2
87	14.0	0.0	45.1
101	3.6	0.0	33.8

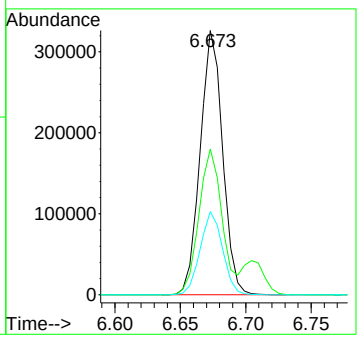


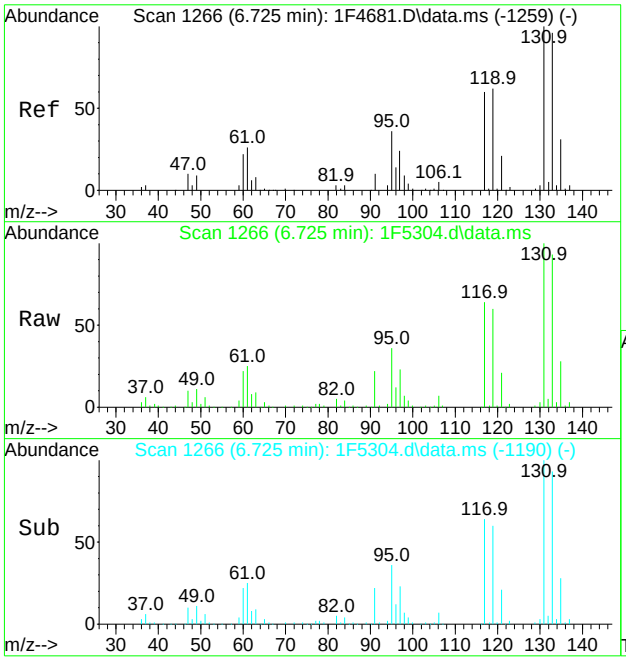


#85
chlorobenzene
Concen: 50.4481 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:112 Resp: 389471

Ion	Ratio	Lower	Upper
112	100		
77	55.0	23.0	83.0
114	31.5	0.9	60.9

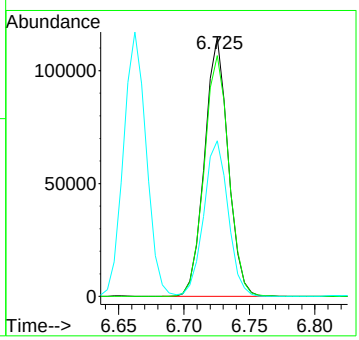


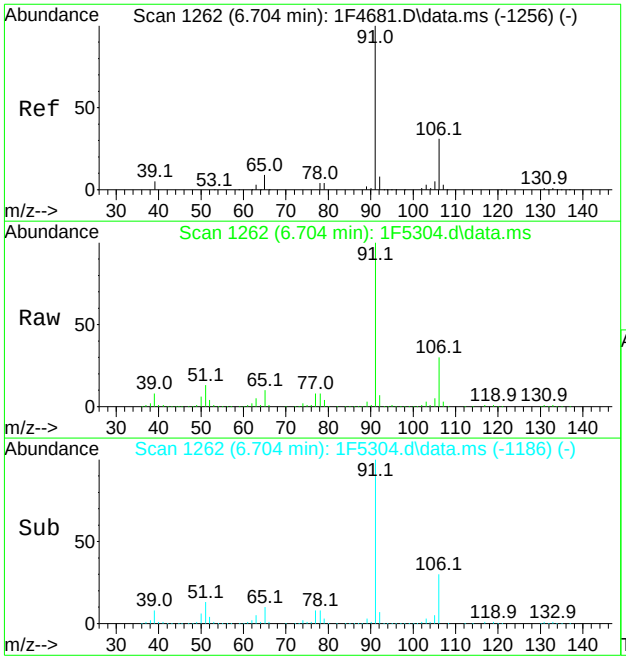


#86
1,1,1,2-tetrachloroethane
Concen: 54.1321 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:131 Resp: 144471

Ion	Ratio	Lower	Upper
131	100		
133	92.9	65.8	125.8
119	60.0	34.8	94.8

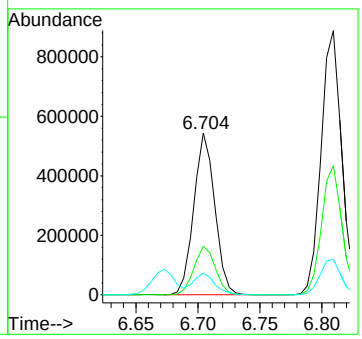


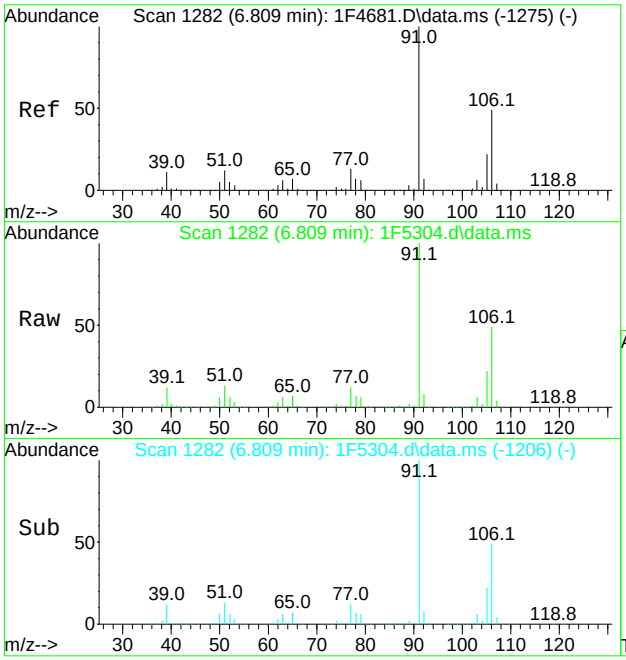


#87
ethylbenzene
Concen: 51.0479 ug/L
RT: 6.704 min Scan# 1262
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 91 Resp: 642441

Ion	Ratio	Lower	Upper
91	100		
106	30.1	1.1	61.1
51	13.4	0.0	41.8

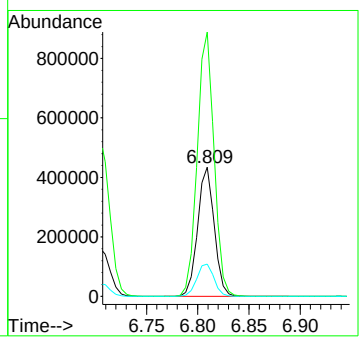


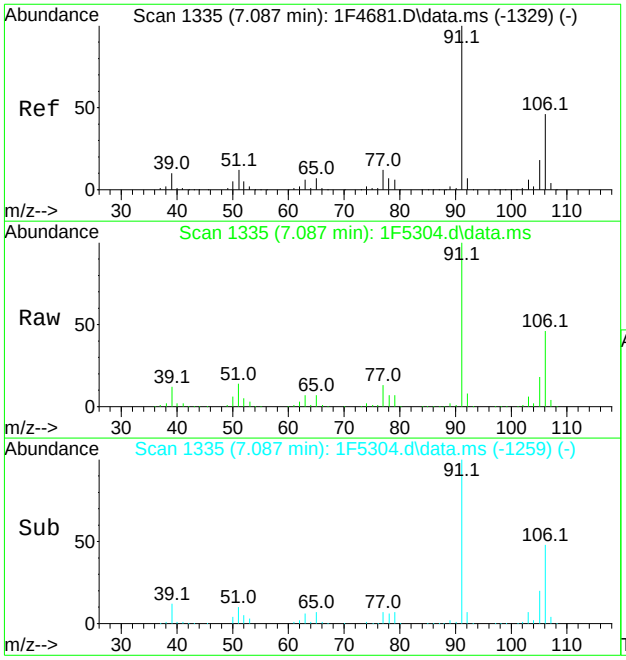


#88
m,p-xylene
Concen: 104.7839 ug/L
RT: 6.809 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:106 Resp: 491774

Ion	Ratio	Lower	Upper
106	100		
91	204.6	175.7	235.7
77	25.1	6.5	46.5

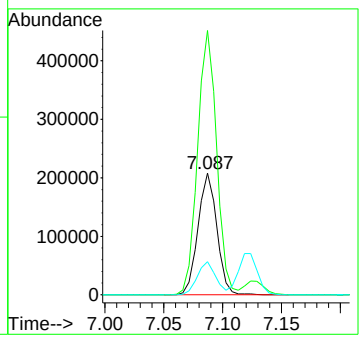


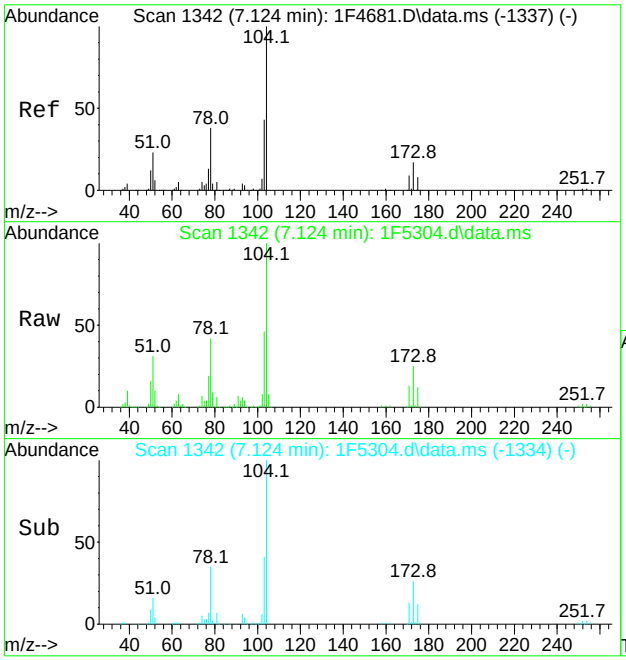


#89
o-xylene
Concen: 49.9048 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:106 Resp: 232487

Ion	Ratio	Lower	Upper
106	100		
91	217.1	187.1	247.1
77	27.3	5.8	45.8

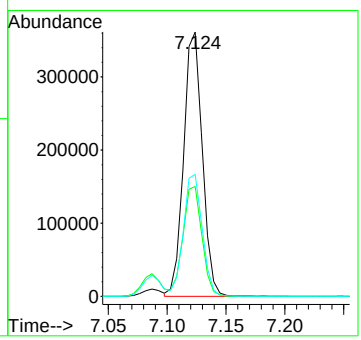


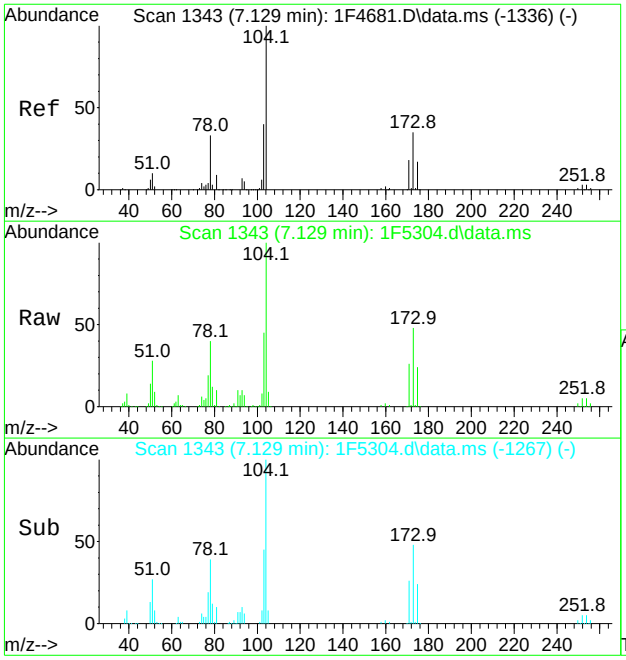


#90
styrene
Concen: 52.9919 ug/L
RT: 7.124 min Scan# 1342
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:104 Resp: 400348

Ion	Ratio	Lower	Upper
104	100		
78	41.6	11.5	71.5
103	46.1	16.4	76.4

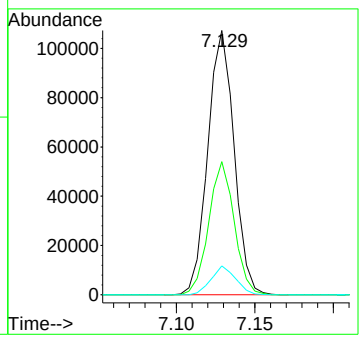


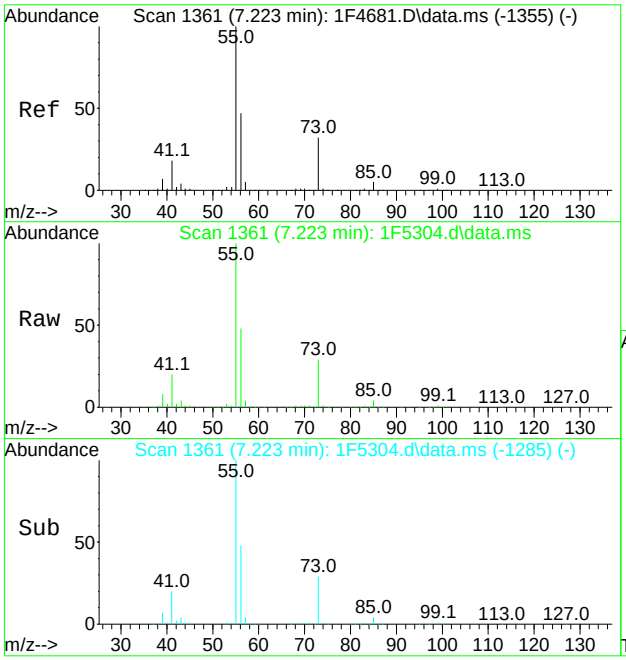


#91
bromoform
Concen: 55.1739 ug/L
RT: 7.129 min Scan# 1343
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:173 Resp: 125005

Ion	Ratio	Lower	Upper
173	100		
175	50.3	18.2	78.2
254	10.9	0.0	39.2

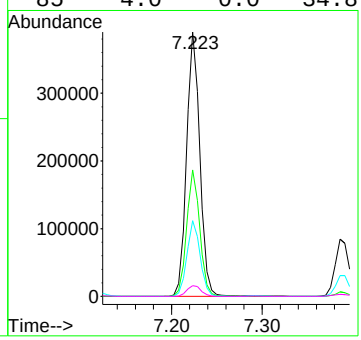


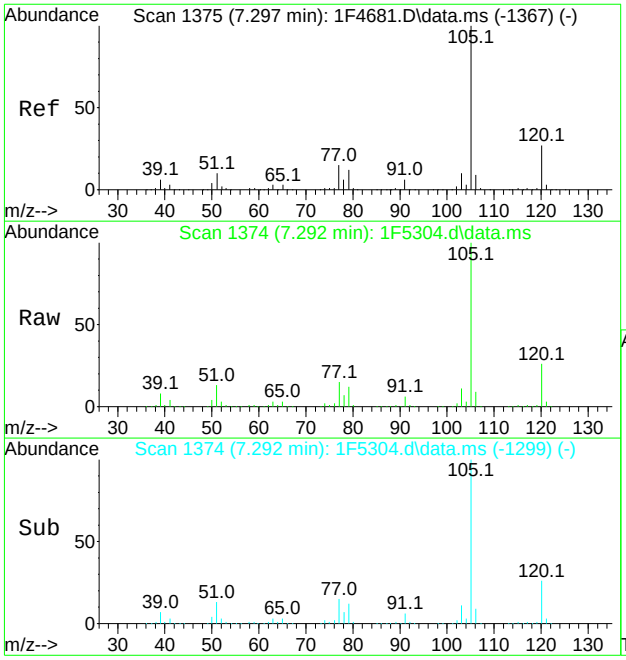


#92
butyl acrylate
Concen: 59.4455 ug/L
RT: 7.223 min Scan# 1361
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 55 Resp: 401037

Ion	Ratio	Lower	Upper
55	100		
56	47.8	16.7	76.7
73	28.6	1.8	61.8
85	4.0	0.0	34.8

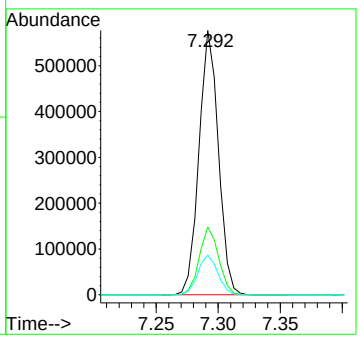


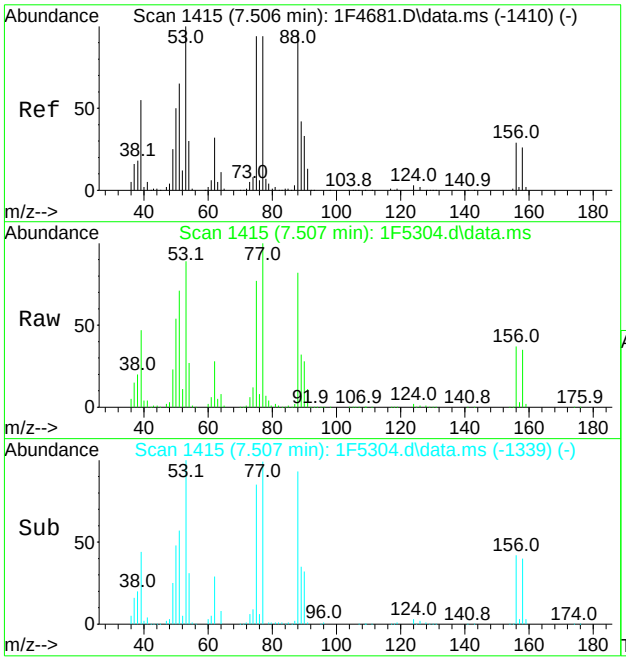


#93
isopropylbenzene
Concen: 52.8644 ug/L
RT: 7.292 min Scan# 1374
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:105 Resp: 628887

Ion	Ratio	Lower	Upper
105	100		
120	25.7	7.4	47.4
77	15.1	0.0	35.0

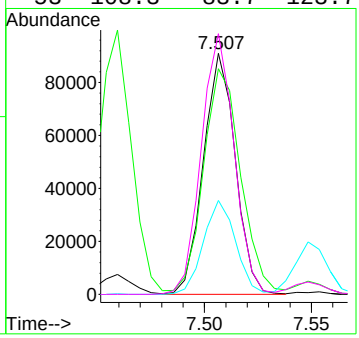


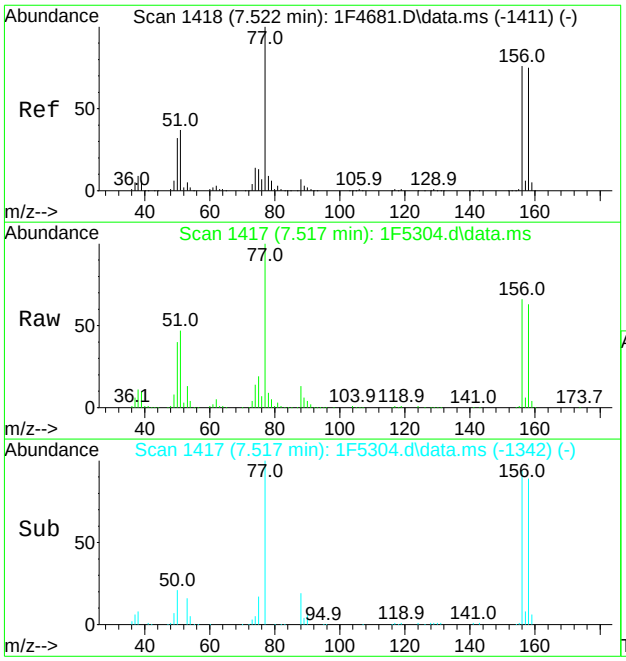


#94
cis-1,4-dichloro-2-butene
Concen: 57.2935 ug/L
RT: 7.507 min Scan# 1415
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 88 Resp: 94688

Ion	Ratio	Lower	Upper
88	100		
75	92.3	77.0	117.0
89	39.1	23.1	63.1
53	108.3	83.7	123.7

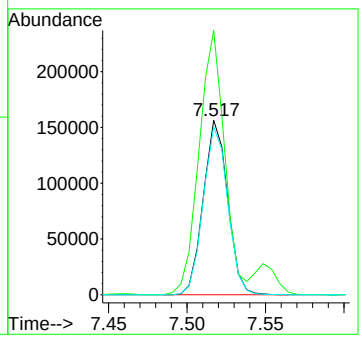


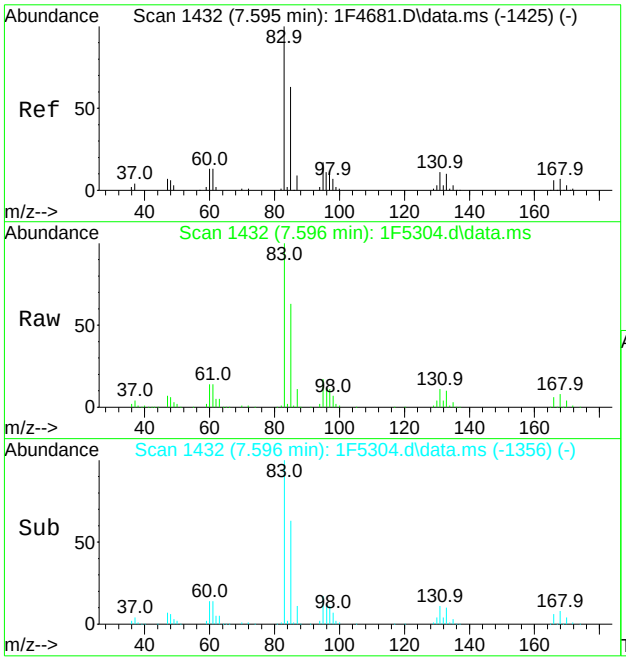


#97
bromobenzene
Concen: 51.8861 ug/L
RT: 7.517 min Scan# 1417
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:156 Resp: 168638

Ion	Ratio	Lower	Upper
156	100		
77	151.1	100.9	160.9
158	96.1	68.7	128.7

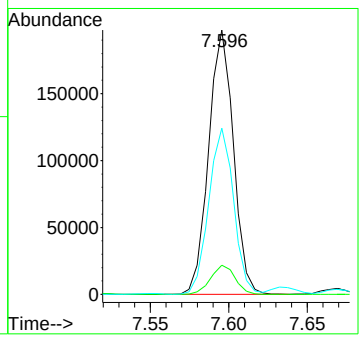


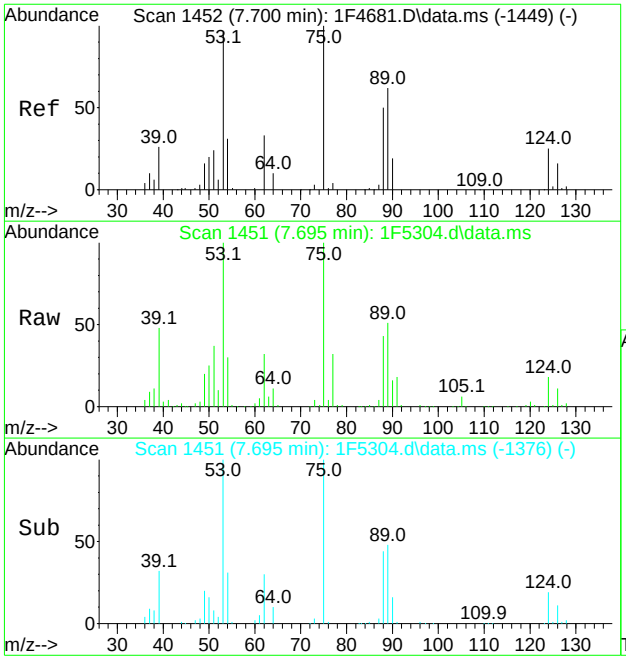


#98
1,1,2,2-tetrachloroethane
Concen: 54.2782 ug/L
RT: 7.596 min Scan# 1432
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 83 Resp: 217145

Ion	Ratio	Lower	Upper
83	100		
131	11.0	0.0	40.8
85	62.6	33.2	93.2

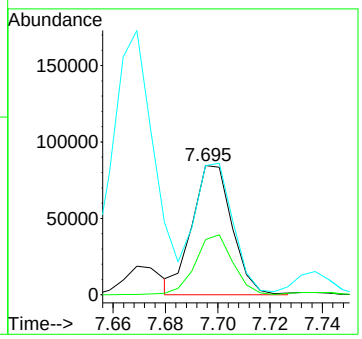


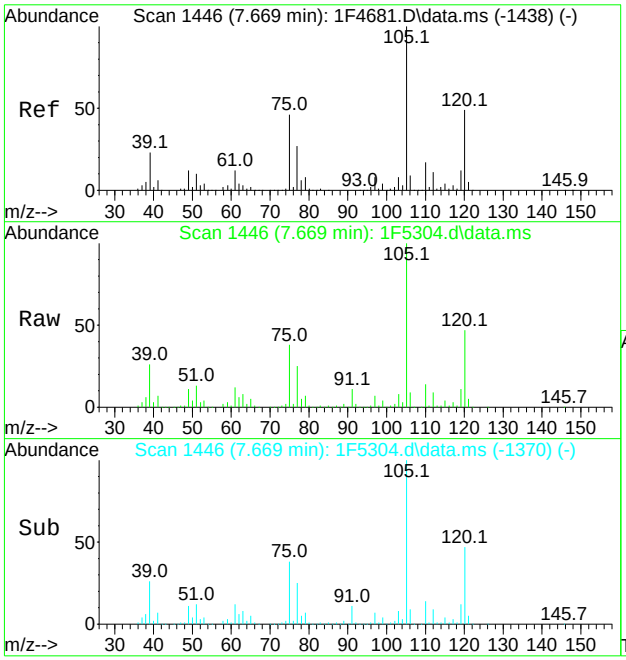


#99
trans-1,4-dichloro-2-butene
Concen: 62.0449 ug/L
RT: 7.695 min Scan# 1451
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 53 Resp: 90621

Ion	Ratio	Lower	Upper
53	100		
88	42.3	18.2	78.2
75	95.3	87.5	147.5

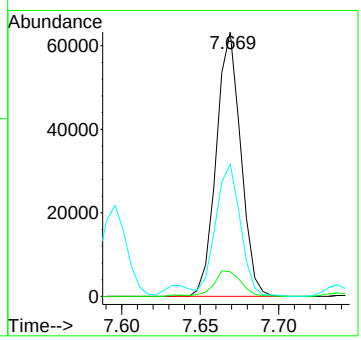


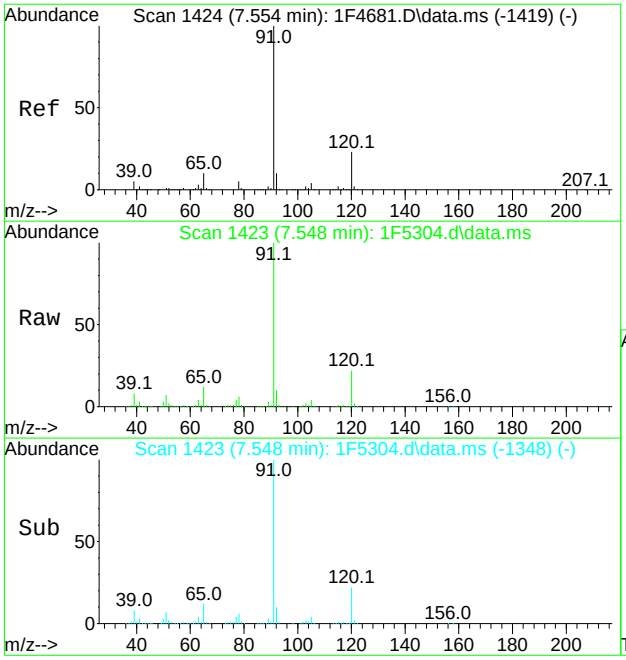


#100
1,2,3-trichloropropane
Concen: 51.3523 ug/L
RT: 7.669 min Scan# 1446
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:110 Resp: 68803

Ion	Ratio	Lower	Upper
110	100		
111	9.4	0.0	40.2
97	50.1	18.4	78.4

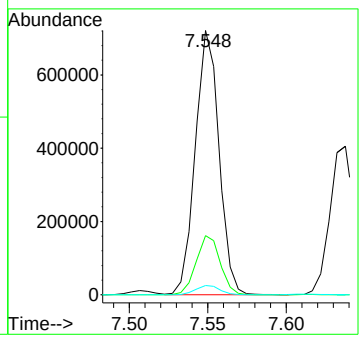


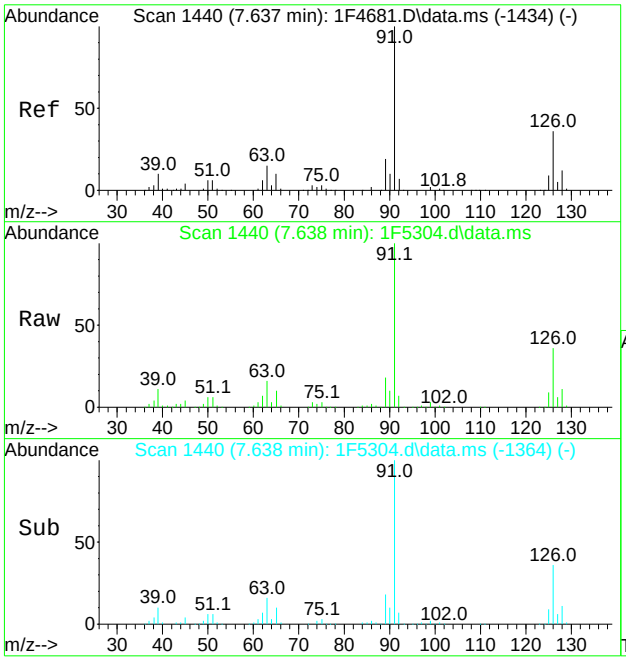


#101
n-propylbenzene
Concen: 52.3819 ug/L
RT: 7.548 min Scan# 1423
Delta R.T. -0.006 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 91 Resp: 758160

Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	52.5
105	3.5	0.0	33.7

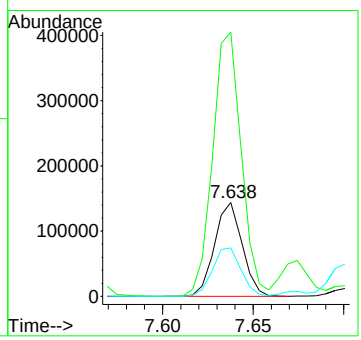


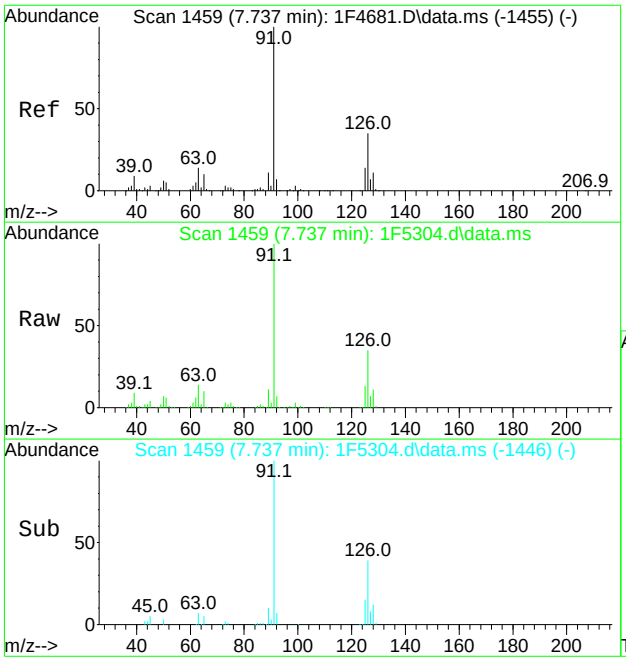


#102
2-chlorotoluene
Concen: 51.3993 ug/L
RT: 7.638 min Scan# 1440
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:126 Resp: 152386

Ion	Ratio	Lower	Upper
126	100		
91	281.1	247.5	307.5
89	51.6	21.5	81.5

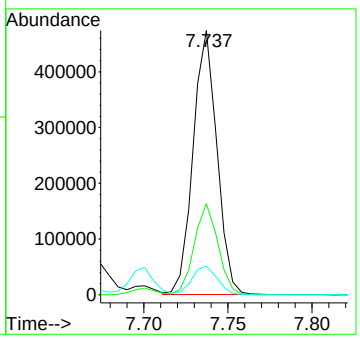


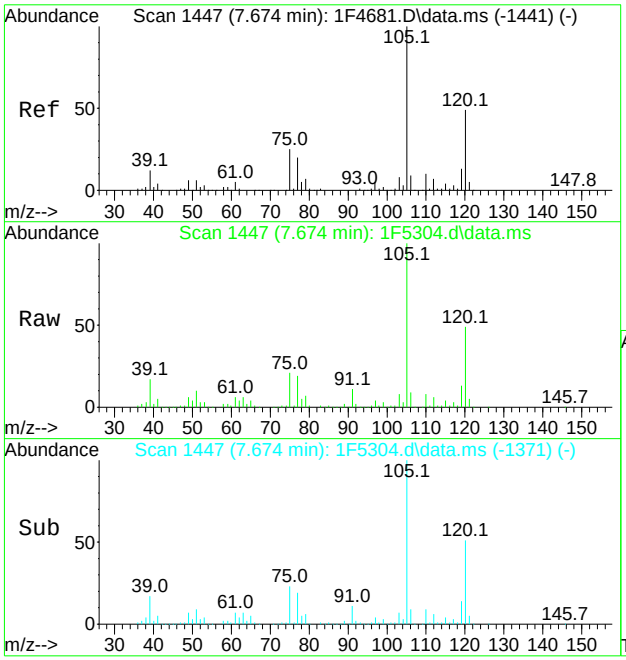


#103
4-chlorotoluene
Concen: 51.9184 ug/L
RT: 7.737 min Scan# 1459
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 91 Resp: 467206

Ion	Ratio	Lower	Upper
91	100		
126	34.6	4.6	64.6
89	10.8	0.0	41.6

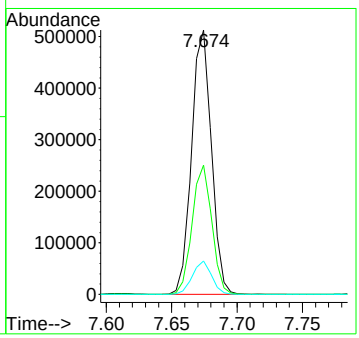


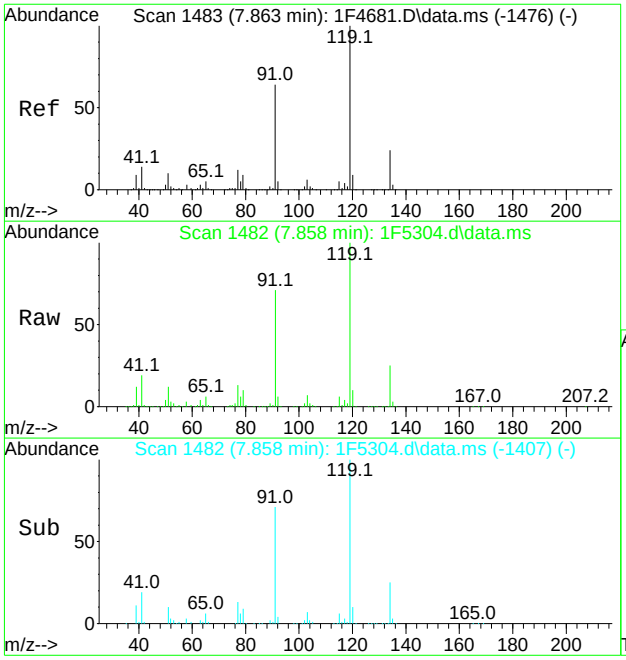


#104
1,3,5-trimethylbenzene
Concen: 53.3001 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:105 Resp: 540219

Ion	Ratio	Lower	Upper
105	100		
120	48.9	18.8	78.8
119	12.7	0.0	42.6

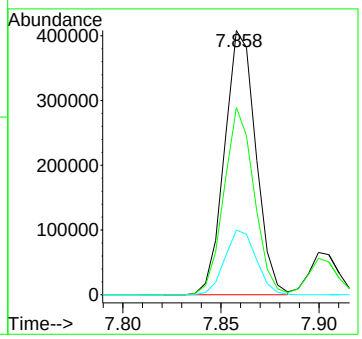


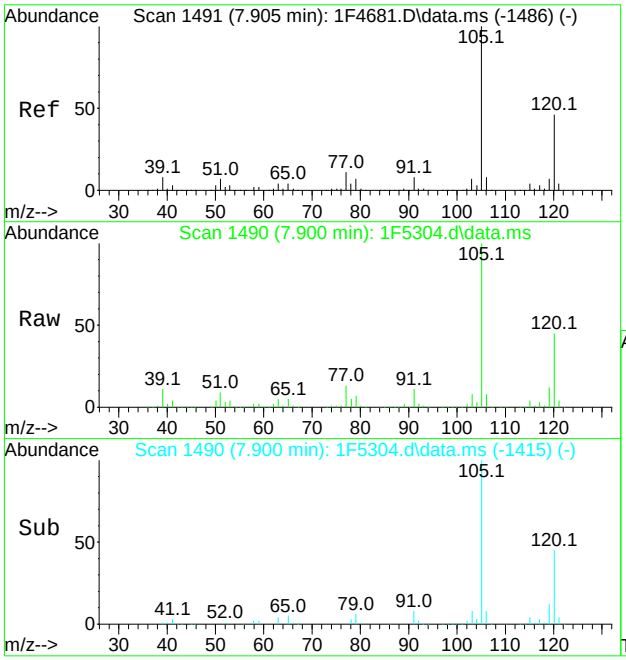


#105
tert-butylbenzene
Concen: 51.8719 ug/L
RT: 7.858 min Scan# 1482
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:119 Resp: 452395

Ion	Ratio	Lower	Upper
119	100		
91	70.8	33.5	93.5
134	24.5	0.0	54.1

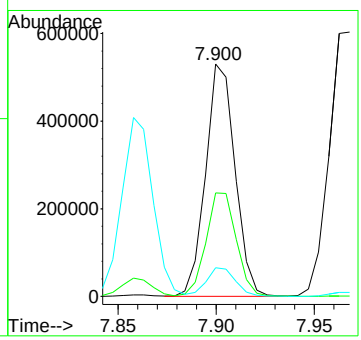


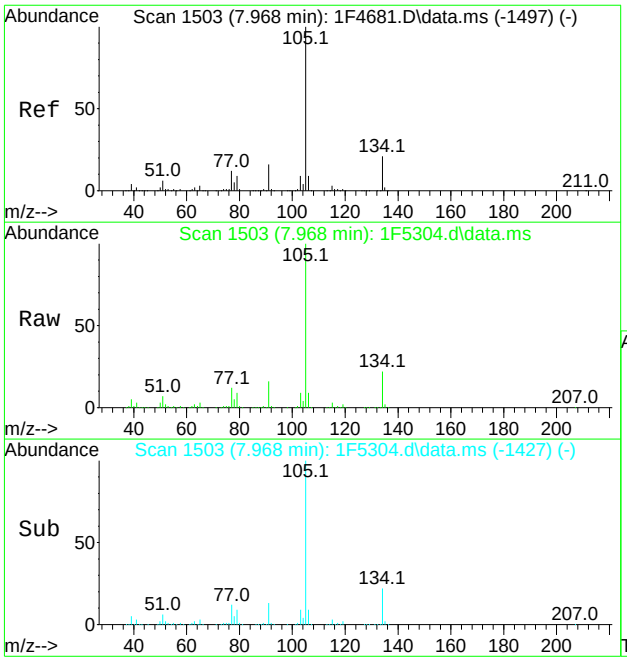


#106
1,2,4-trimethylbenzene
Concen: 52.5020 ug/L
RT: 7.900 min Scan# 1490
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:105 Resp: 554621

Ion	Ratio	Lower	Upper
105	100		
120	44.5	16.3	76.3
119	12.3	0.0	41.6

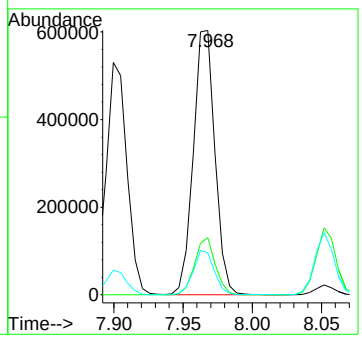


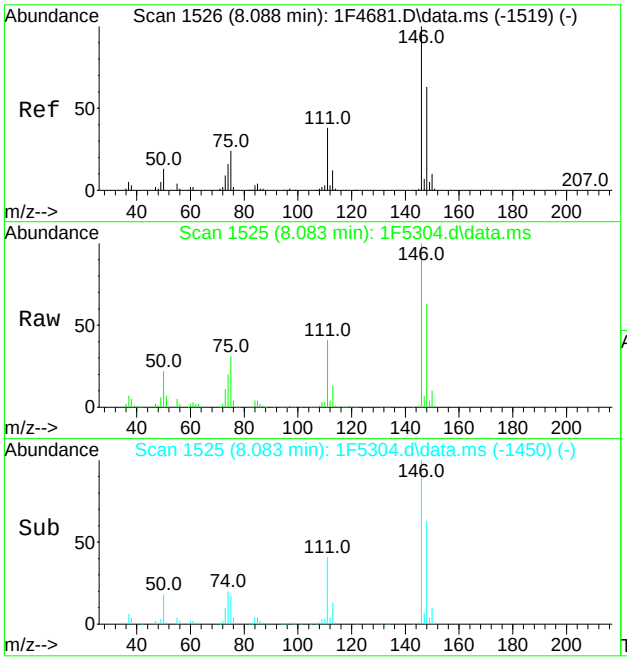


#107
sec-butylbenzene
Concen: 52.6957 ug/L
RT: 7.968 min Scan# 1503
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:105 Resp: 656651

Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	50.6
91	15.9	0.0	45.9

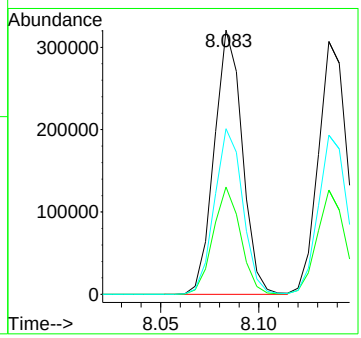


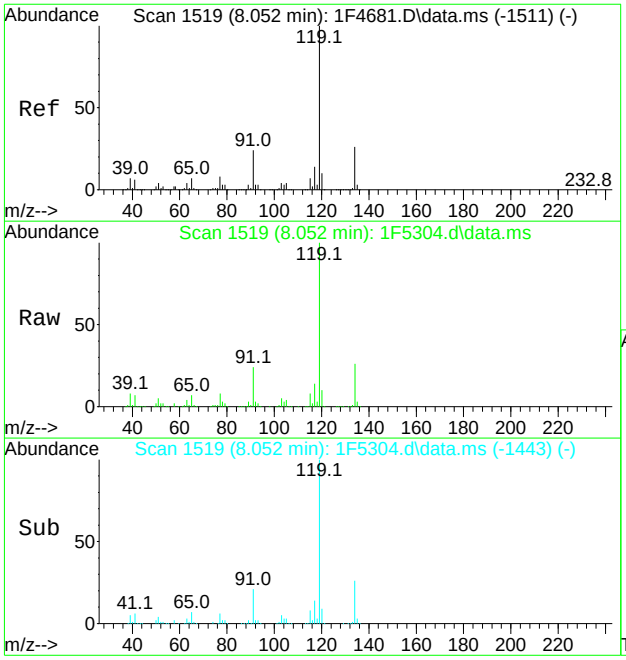


#108
1,3-dichlorobenzene
Concen: 51.8511 ug/L
RT: 8.083 min Scan# 1525
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:146 Resp: 319992

Ion	Ratio	Lower	Upper
146	100		
111	40.6	7.9	67.9
148	62.6	33.0	93.0

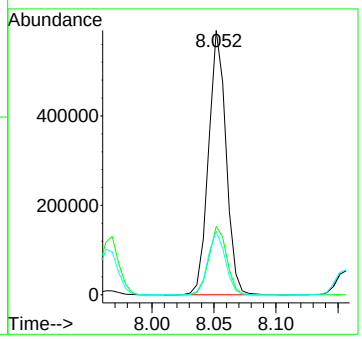


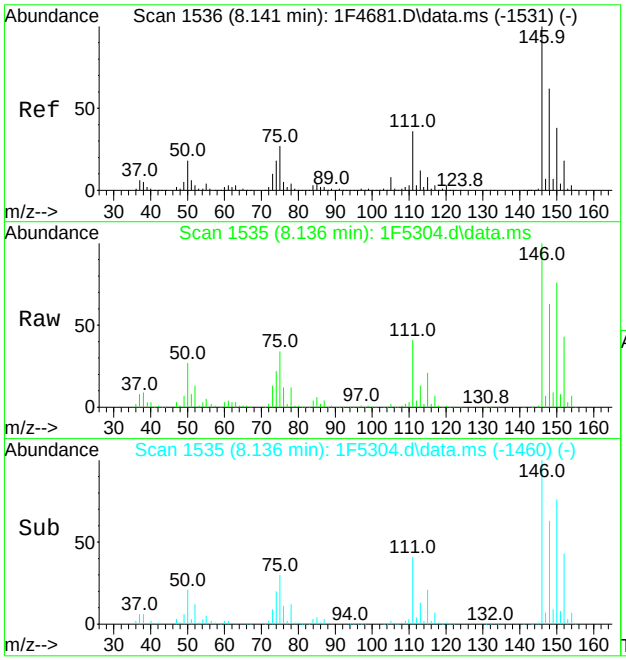


#109
p-isopropyltoluene
Concen: 54.0904 ug/L
RT: 8.052 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:119 Resp: 577857

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	56.3
91	24.1	0.0	54.0

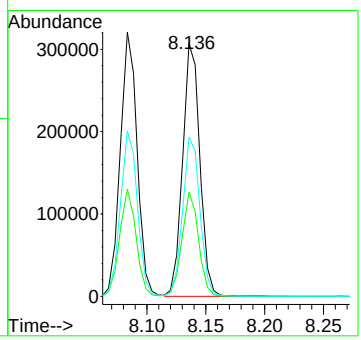


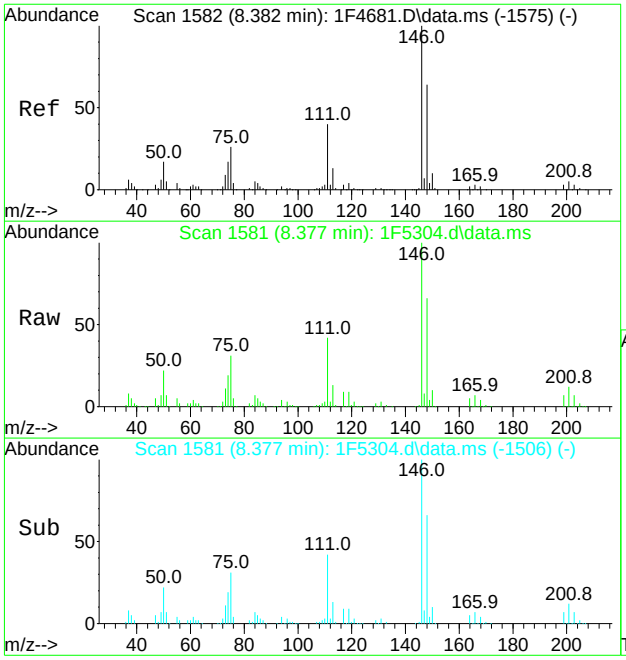


#110
1,4-dichlorobenzene
Concen: 50.5981 ug/L
RT: 8.136 min Scan# 1535
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:146 Resp: 312846

Ion	Ratio	Lower	Upper
146	100		
111	41.3	6.4	66.4
148	63.0	32.0	92.0

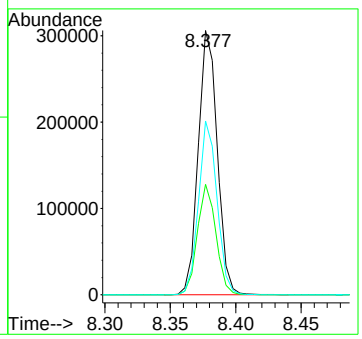


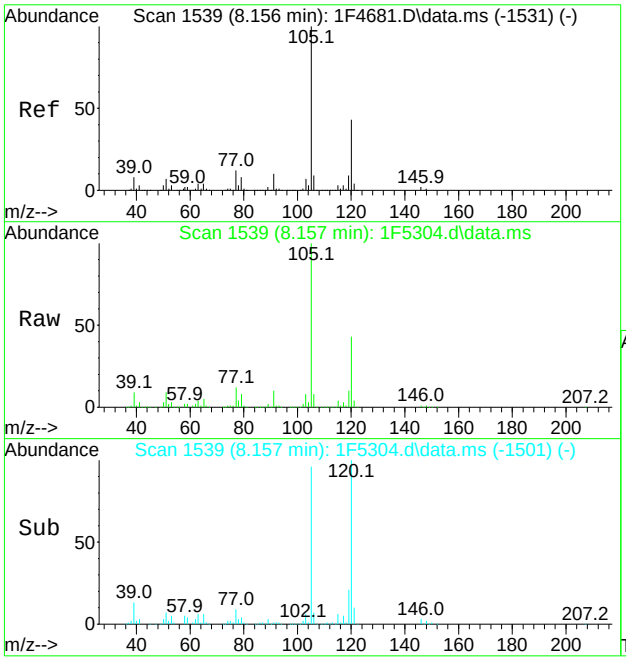


#111
1,2-dichlorobenzene
Concen: 51.2045 ug/L
RT: 8.377 min Scan# 1581
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:146 Resp: 309680

Ion	Ratio	Lower	Upper
146	100		
111	41.8	9.9	69.9
148	65.8	33.9	93.9

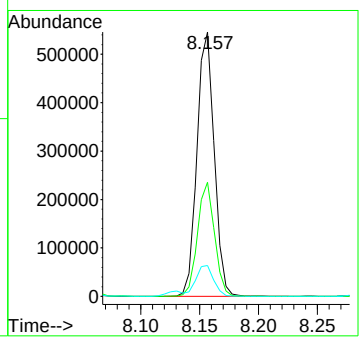


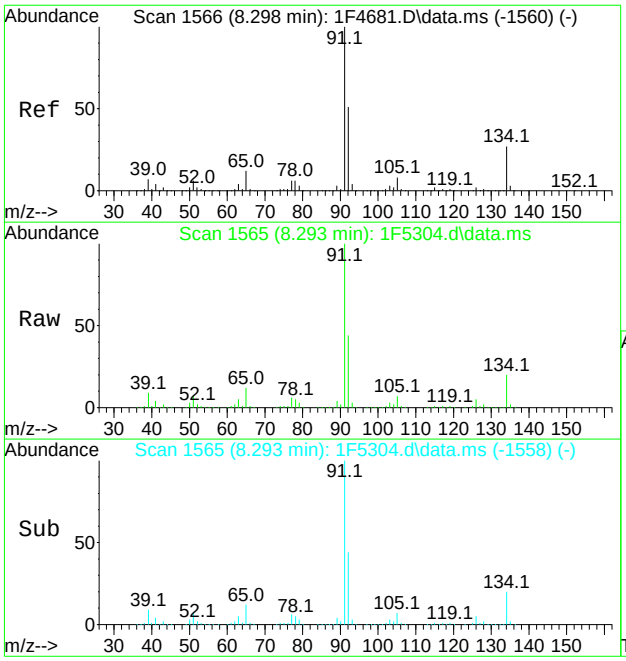


#112
1,2,3-trimethylbenzene
Concen: 50.6966 ug/L
RT: 8.157 min Scan# 1539
Delta R.T. 0.001 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:105 Resp: 557582

Ion	Ratio	Lower	Upper
105	100		
120	43.2	12.6	72.6
77	11.7	0.0	42.0

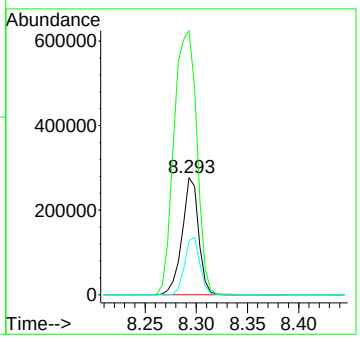


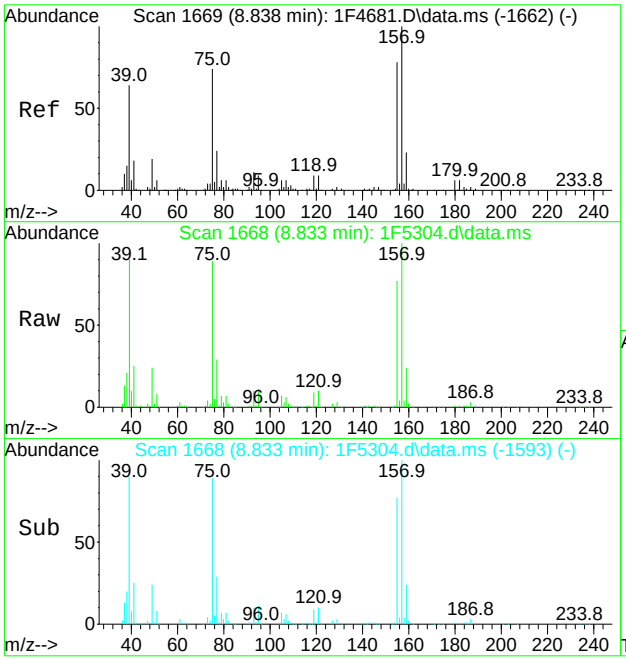


#113
n-butylbenzene
Concen: 55.7246 ug/L
RT: 8.293 min Scan# 1565
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion: 92 Resp: 307924

Ion	Ratio	Lower	Upper
92	100		
91	225.5	166.9	226.9
134	46.2	23.2	83.2

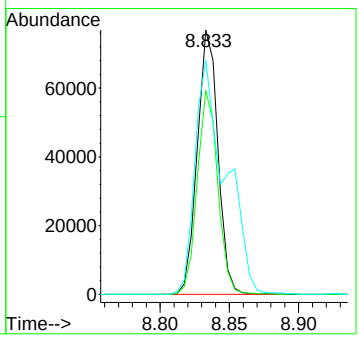


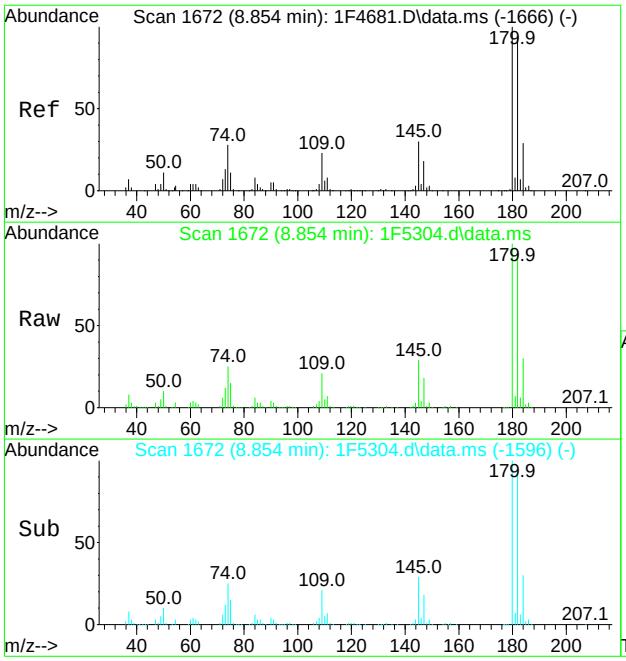


#114
1,2-dibromo-3-chloropropane
Concen: 53.8514 ug/L
RT: 8.833 min Scan# 1668
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:157 Resp: 79705

Ion	Ratio	Lower	Upper
157	100		
155	77.2	47.9	107.9
75	88.6	43.7	103.7

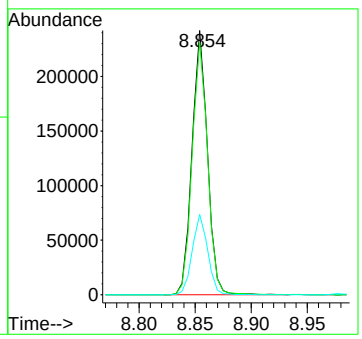


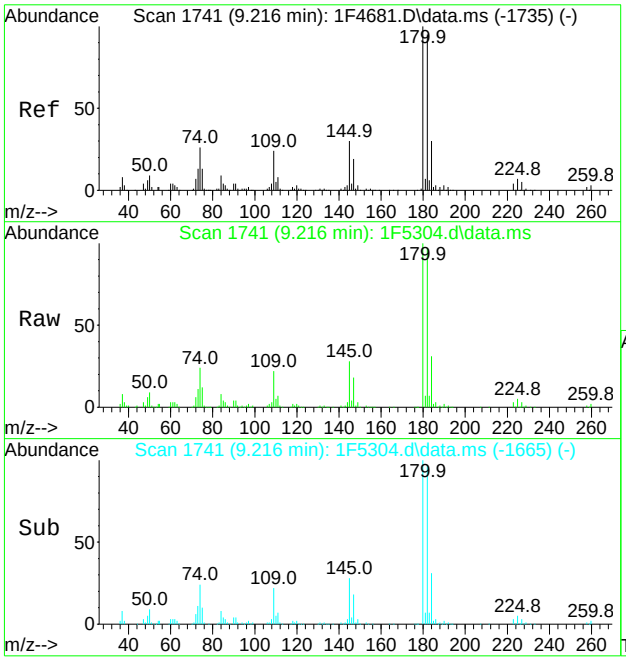


#115
1,3,5-trichlorobenzene
Concen: 53.3517 ug/L
RT: 8.854 min Scan# 1672
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:180 Resp: 231254

Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	113.8
184	30.4	9.5	49.5

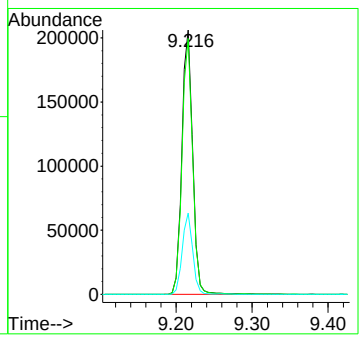


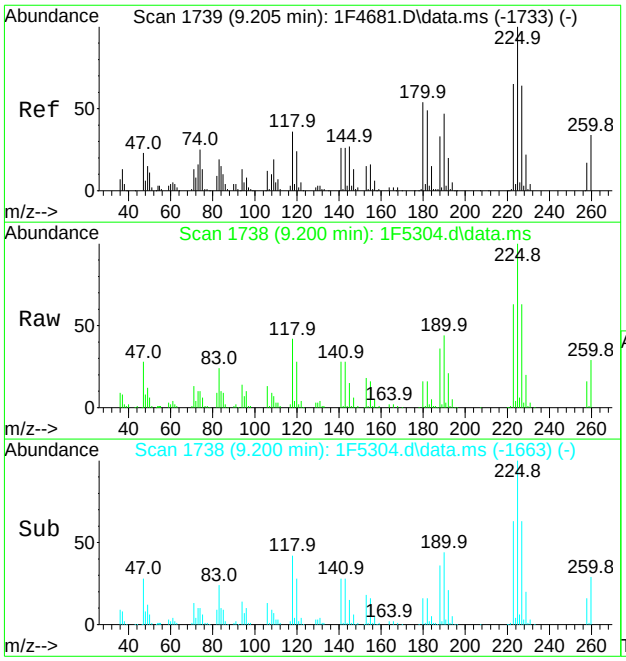


#116
1,2,4-trichlorobenzene
Concen: 53.5014 ug/L
RT: 9.216 min Scan# 1741
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:180 Resp: 204337

Ion	Ratio	Lower	Upper
180	100		
182	96.7	65.0	125.0
184	30.8	0.0	60.0

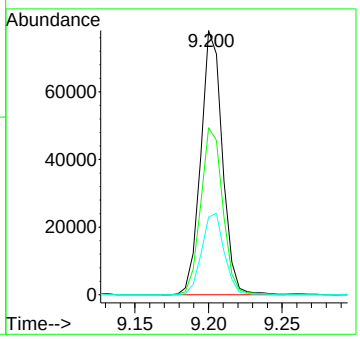


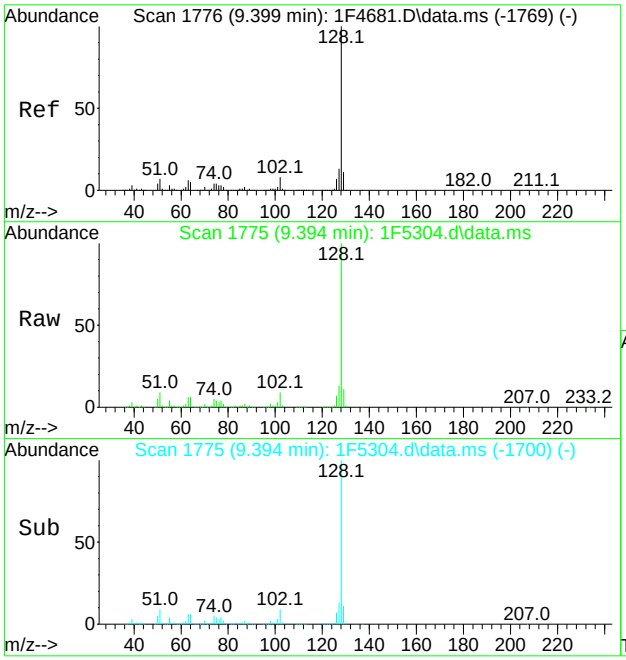


#117
hexachlorobutadiene
Concen: 55.7071 ug/L
RT: 9.200 min Scan# 1738
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:225 Resp: 79518

Ion	Ratio	Lower	Upper
225	100		
227	63.2	33.6	93.6
260	29.3	3.6	63.6

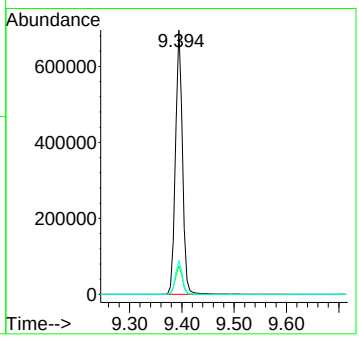


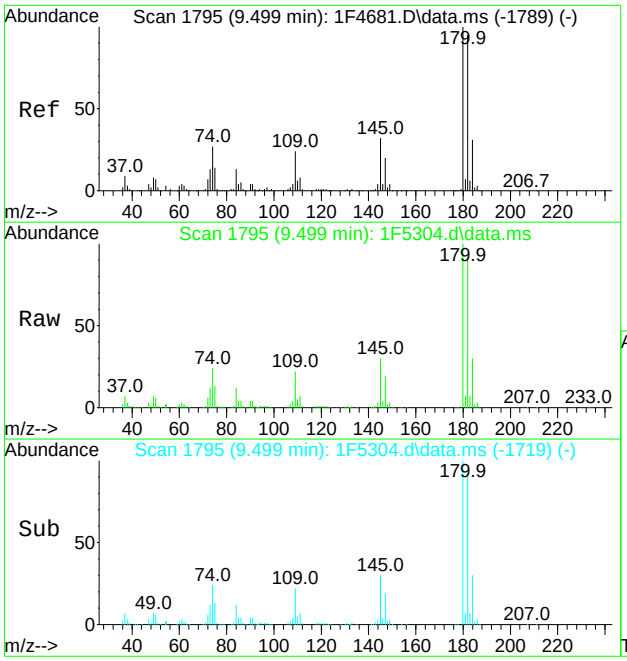


#118
naphthalene
Concen: 53.9881 ug/L
RT: 9.394 min Scan# 1775
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:128 Resp: 651618

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	40.7
127	12.9	0.0	43.1

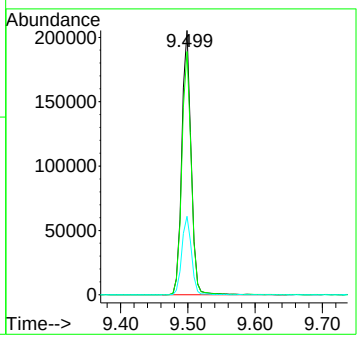


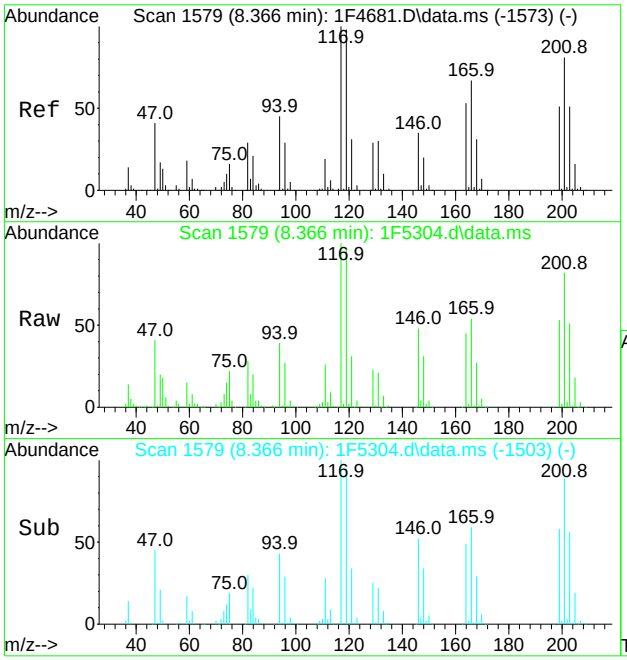


#119
1,2,3-trichlorobenzene
Concen: 54.5989 ug/L
RT: 9.499 min Scan# 1795
Delta R.T. -0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:180 Resp: 198122

Ion	Ratio	Lower	Upper
180	100		
182	92.0	65.1	125.1
184	29.7	1.2	61.2

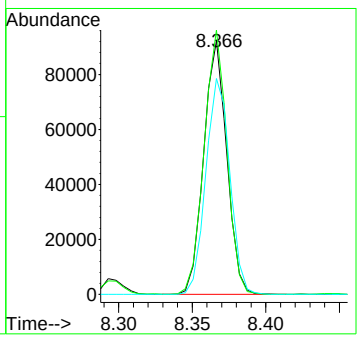


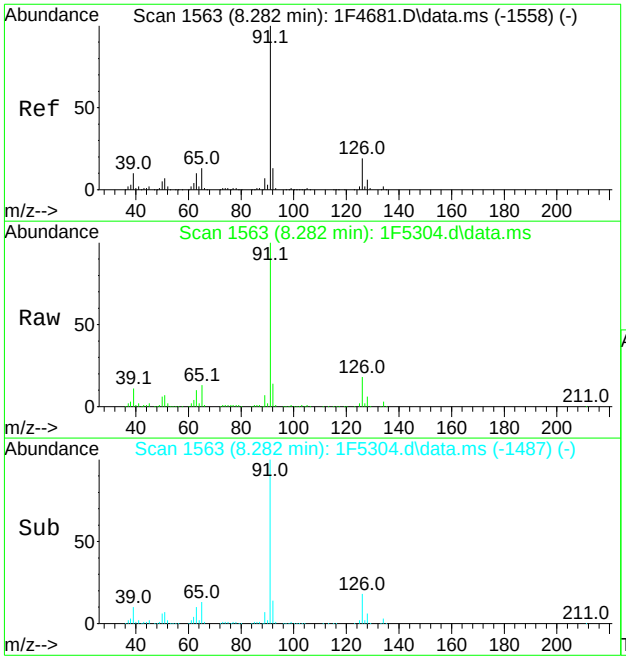


#120
hexachloroethane
Concen: 62.4445 ug/L
RT: 8.366 min Scan# 1579
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:119 Resp: 100004

Ion	Ratio	Lower	Upper
119	100		
117	104.2	72.4	132.4
201	85.0	52.5	112.5

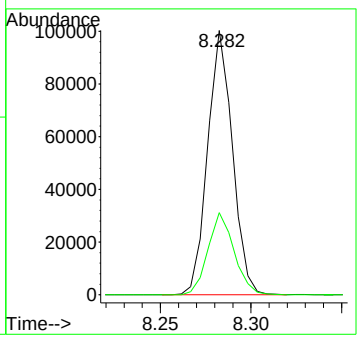


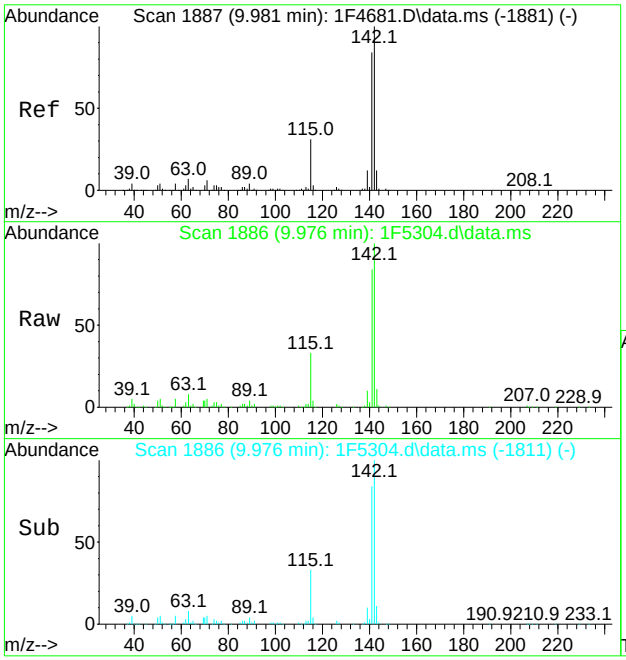


#121
benzyl chloride
Concen: 62.7881 ug/L
RT: 8.282 min Scan# 1563
Delta R.T. 0.000 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:126 Resp: 95320

Ion	Ratio	Lower	Upper
126	100		
128	31.1	0.7	60.7

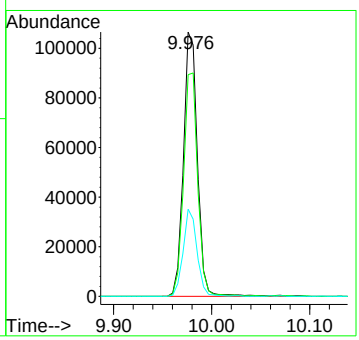




#122
2-methylnaphthalene
Concen: 22.0014 ug/L
RT: 9.976 min Scan# 1886
Delta R.T. -0.005 min
Lab File: 1F5304.d
Acq: 19 May 2023 5:08 pm

Tgt Ion:142 Resp: 105913

Ion	Ratio	Lower	Upper
142	100		
141	83.8	54.1	114.1
115	33.0	0.6	60.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355934.d
Acq On : 22 May 2023 3:11 pm
Operator : louied
Sample : jd65823-8ms Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 23 10:41:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.996	65	195333	500.00	ug/L	0.00
5) pentafluorobenzene	4.199	168	250567	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.764	114	384045	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	368666	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.340	152	136363	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.199	168	250567	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.340	152	136363	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.205	113	114764	55.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.12%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	134346	49.51	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 99.02%			
73) toluene-d8 (s)	5.903	98	460652	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			
96) 4-bromofluorobenzene (s)	8.226	95	171939	53.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.92%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.194	88	20582	1512.8604	ug/L	84
3) ethanol	2.424	45	148854	4789.3909	ug/L	99
4) tertiary butyl alcohol	3.050	59	149253	224.5938	ug/L	93
6) chlorodifluoromethane	1.613	51	265366	39.4476	ug/L #	94
7) dichlorodifluoromethane	1.596	85	281237	55.6434	ug/L	99
8) chloromethane	1.754	50	252605	45.7711	ug/L	98
9) vinyl chloride	1.831	62	240367	56.0970	ug/L	96
10) 1,3-butadiene	1.863	54	207291	44.2123	ug/L	97
11) bromomethane	2.084	96	78103	47.3686	ug/L	96
12) chloroethane	2.161	64	121608	55.3393	ug/L	96
13) trichlorofluoromethane	2.338	101	249851	55.3985	ug/L	97
14) ethyl ether	2.517	74	109689	55.1906	ug/L	85
15) acrolein	2.617	56	56961	57.6915	ug/L	88
16) freon 113	2.691	151	111287	46.0676	ug/L	94
17) 1,1-dichloroethene	2.694	96	115357	49.3907	ug/L	89
18) acetone	2.704	58	93376	184.3732	ug/L	90
19) acetonitrile	2.893	40	161327	549.7653	ug/L	98
20) iodomethane	2.806	142	97046	38.4242	ug/L	97
21) iso-butyl alcohol	4.347	43	104114	551.5888	ug/L	92
22) carbon disulfide	2.867	76	427278	43.6331	ug/L	97
23) methylene chloride	3.021	84	143642	49.8616	ug/L #	83
24) methyl acetate	2.909	74	43103	59.9839	ug/L #	80
25) methyl tert butyl ether	3.185	73	468698	50.1999	ug/L	95
26) trans-1,2-dichloroethene	3.201	96	126628	47.0467	ug/L	94
27) hexane	3.377	57	272501	39.0422	ug/L	97
28) di-isopropyl ether	3.487	45	556766	39.7701	ug/L	95
29) ethyl tert-butyl ether	3.730	59	532705	45.1297	ug/L	97
30) 2-butanone	3.849	72	116611	232.3390	ug/L #	64
31) 1,1-dichloroethane	3.493	63	258883	42.7976	ug/L	95
32) chloroprene	3.544	53	248511	39.7282	ug/L	90
33) acrylonitrile	3.166	53	105910	51.6106	ug/L	94
34) vinyl acetate	3.467	86	44792	65.3771	ug/L #	43
35) ethyl acetate	3.862	45	42382	48.4066	ug/L #	60
36) 2,2-dichloropropane	3.888	77	193366	43.2373	ug/L	98
37) cis-1,2-dichloroethene	3.878	96	149606	51.6591	ug/L	92
38) propionitrile	3.897	54	316382	479.0324	ug/L	94
39) methyl acrylate	3.904	85	30695	55.5289	ug/L #	85
40) bromochloromethane	4.042	128	64783	49.3653	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355934.d
Acq On : 22 May 2023 3:11 pm
Operator : louied
Sample : jd65823-8ms Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 23 10:41:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.055	72	34475	59.2811	ug/L	#	75
42) chloroform	4.096	83	244139	46.6752	ug/L		95
44) methacrylonitrile	4.006	67	94879	55.2197	ug/L	#	81
45) 1,1,1-trichloroethane	4.237	97	190859	47.8480	ug/L		96
46) cyclohexane	4.295	84	215569	49.1984	ug/L		94
47) 1,1-dichloropropene	4.343	75	177507	45.7240	ug/L		97
48) carbon tetrachloride	4.347	117	156518	44.4220	ug/L		99
49) isopropyl acetate	4.462	87	45224	55.5621	ug/L	#	58
50) tert amyl alcohol	4.440	55	54502	305.6836	ug/L	#	91
53) tert-amyl methyl ether	4.552	73	417702	43.0156	ug/L		94
54) 2,2,4-trimethylpentane	4.549	57	416079	33.2498	ug/L		98
55) n-butyl alcohol	4.821	56	296355	3343.4531	ug/L		99
56) benzene	4.488	78	523469	42.9131	ug/L		98
57) heptane	4.661	57	107698	36.6468	ug/L		91
58) 1,2-dichloroethane	4.513	62	189127	41.9274	ug/L		99
59) trichloroethene	4.953	95	172808	53.5682	ug/L		94
60) ethyl acrylate	4.975	55	287713	43.2887	ug/L		99
61) 2-nitropropane	5.505	41	70446	43.8297	ug/L		92
63) methyl methacrylate	5.152	100	50269	50.9184	ug/L	#	70
64) 1,2-dichloropropane	5.152	63	159689	40.9572	ug/L		91
65) methylcyclohexane	5.142	83	252486	42.9207	ug/L		87
66) dibromomethane	5.223	93	86771	45.5550	ug/L		96
67) bromodichloromethane	5.341	83	201940	44.6508	ug/L		93
68) cis-1,3-dichloropropene	5.681	75	273556	47.1372	ug/L		92
69) epichlorohydrin	5.588	57	129508	249.9061	ug/L		98
70) 4-methyl-2-pentanone	5.778	58	403156	188.4162	ug/L	#	89
71) 3-methyl-1-butanol	5.800	70	118925	1288.9137	ug/L	#	76
74) toluene	5.961	92	337347	41.4143	ug/L		99
75) trans-1,3-dichloropropene	6.131	75	243428	42.0386	ug/L		92
76) ethyl methacrylate	6.150	69	228430	43.1277	ug/L		92
77) 1,1,2-trichloroethane	6.304	83	124980	43.4304	ug/L		97
78) 2-hexanone	6.464	58	381878	160.0705	ug/L		90
79) tetrachloroethene	6.394	166	435482	128.0269	ug/L		91
80) 1,3-dichloropropane	6.445	76	228637	40.6352	ug/L		98
81) butyl acetate	6.548	56	159667	41.8172	ug/L		94
82) dibromochloromethane	6.634	129	146186	42.3693	ug/L		93
83) 1,2-dibromoethane	6.750	107	149371	43.8735	ug/L		98
84) n-butyl ether	7.222	57	652978	38.1998	ug/L		92
85) chlorobenzene	7.177	112	360529	42.3936	ug/L		98
86) 1,1,1,2-tetrachloroethane	7.244	131	116579	39.5002	ug/L		98
87) ethylbenzene	7.251	91	578981	40.3154	ug/L		98
88) m,p-xylene	7.366	106	464041	79.4798	ug/L		98
89) o-xylene	7.719	106	240300	40.1832	ug/L		96
90) butyl acrylate	7.642	55	402225	40.1444	ug/L		96
91) styrene	7.738	104	379464	40.4447	ug/L		97
92) bromoform	7.915	173	107100	42.1451	ug/L		92
93) isopropylbenzene	8.056	105	594648	39.9352	ug/L		98
94) cis-1,4-dichloro-2-butene	8.104	88	65959	39.8146	ug/L		94
97) bromobenzene	8.374	156	133719	45.0260	ug/L		94
98) 1,1,2,2-tetrachloroethane	8.345	83	225991	52.2867	ug/L		98
99) trans-1,4-dichloro-2-b...	8.377	53	55580	40.0391	ug/L		90
100) 1,2,3-trichloropropane	8.403	110	57818	50.0344	ug/L		91
101) n-propylbenzene	8.447	91	655215	43.6864	ug/L		99
102) 2-chlorotoluene	8.547	126	133574	45.7823	ug/L		97
103) 4-chlorotoluene	8.659	126	130004	45.9935	ug/L		92
104) 1,3,5-trimethylbenzene	8.618	105	456563	43.1895	ug/L		99
105) tert-butylbenzene	8.926	119	391710	44.3602	ug/L		99
106) 1,2,4-trimethylbenzene	8.983	105	466271	44.1306	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355934.d
Acq On : 22 May 2023 3:11 pm
Operator : louied
Sample : jd65823-8ms Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 23 10:41:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

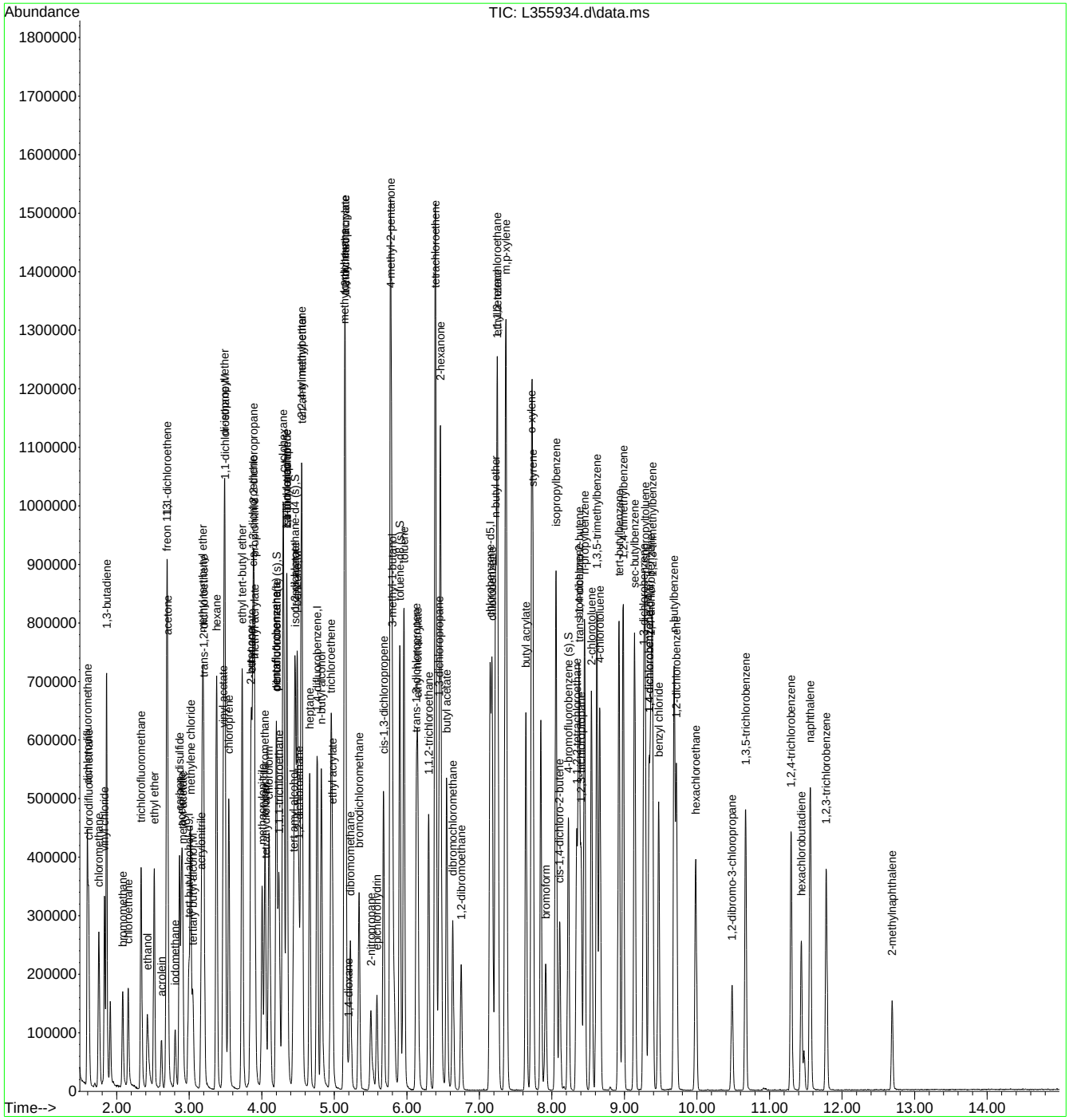
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) sec-butylbenzene	9.141	105	562004	43.5745	ug/L	98
108) 1,3-dichlorobenzene	9.266	146	242820	47.1257	ug/L	98
109) p-isopropyltoluene	9.288	119	431451	43.4579	ug/L	100
110) 1,4-dichlorobenzene	9.365	146	217677	46.5233	ug/L	100
111) 1,2,3-trimethylbenzene	9.384	105	420507	43.8122	ug/L	100
112) 1,2-dichlorobenzene	9.715	146	221076	46.4338	ug/L	96
113) n-butylbenzene	9.683	92	231615	46.6981	ug/L	99
114) 1,2-dibromo-3-chloropr...	10.482	157	51497	55.5096	ug/L	91
115) 1,3,5-trichlorobenzene	10.671	180	163232	51.1954	ug/L	93
116) 1,2,4-trichlorobenzene	11.297	180	144071	55.5198	ug/L	92
117) hexachlorobutadiene	11.438	225	53352	44.3773	ug/L	98
118) naphthalene	11.560	128	424761	59.7798	ug/L	99
119) 1,2,3-trichlorobenzene	11.782	180	125717	56.6052	ug/L	96
120) hexachloroethane	9.985	119	84908	44.4338	ug/L	95
121) benzyl chloride	9.471	91	363127	49.0457	ug/L	98
122) 2-methylnaphthalene	12.690	142	76766	25.7062	ug/L	93

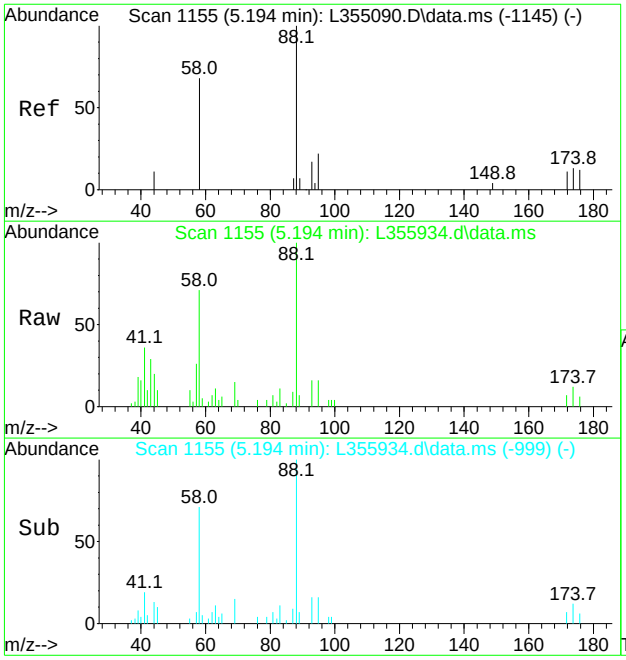
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355934.d
Acq On : 22 May 2023 3:11 pm
Operator : louied
Sample : jd65823-8ms Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 23 10:41:16 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

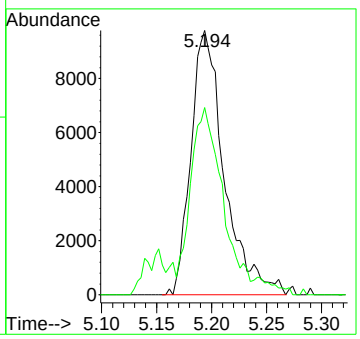


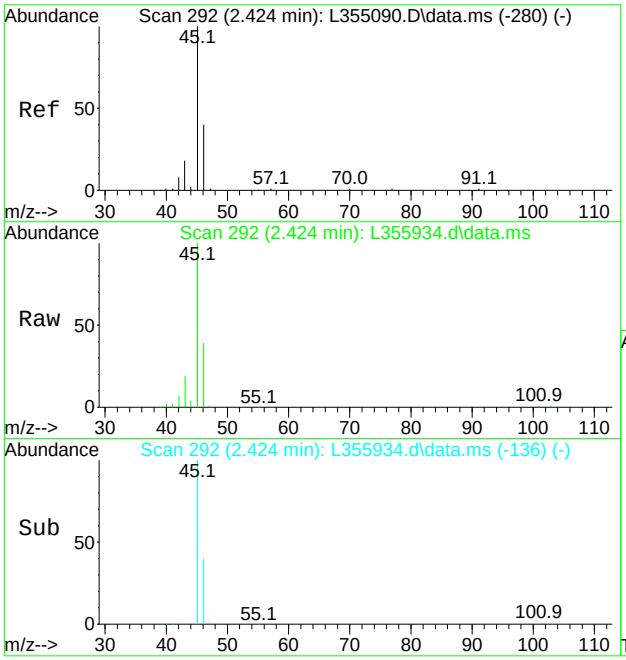


#2
1,4-dioxane
Concen: 1512.8604 ug/L
RT: 5.194 min Scan# 1155
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 88 Resp: 20582

Ion	Ratio	Lower	Upper
88	100		
58	68.7	53.2	113.2

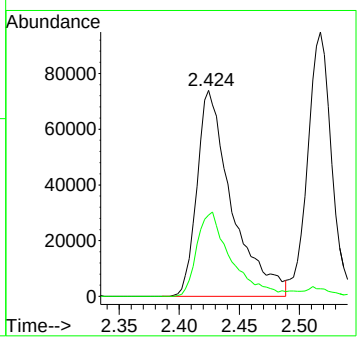


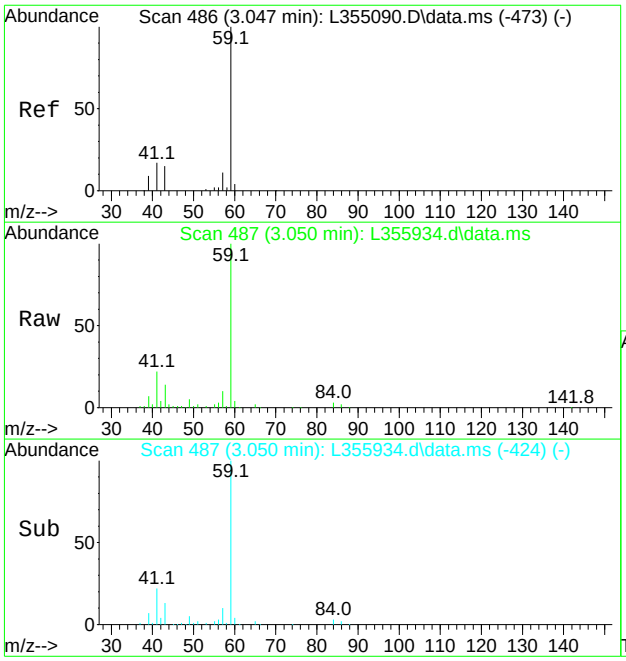


#3
ethanol
Concen: 4789.3909 ug/L
RT: 2.424 min Scan# 292
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 45 Resp: 148854

Ion	Ratio	Lower	Upper
45	100		
46	39.5	20.0	60.0

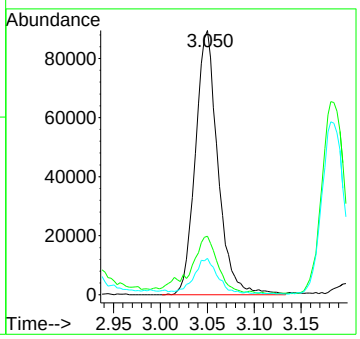


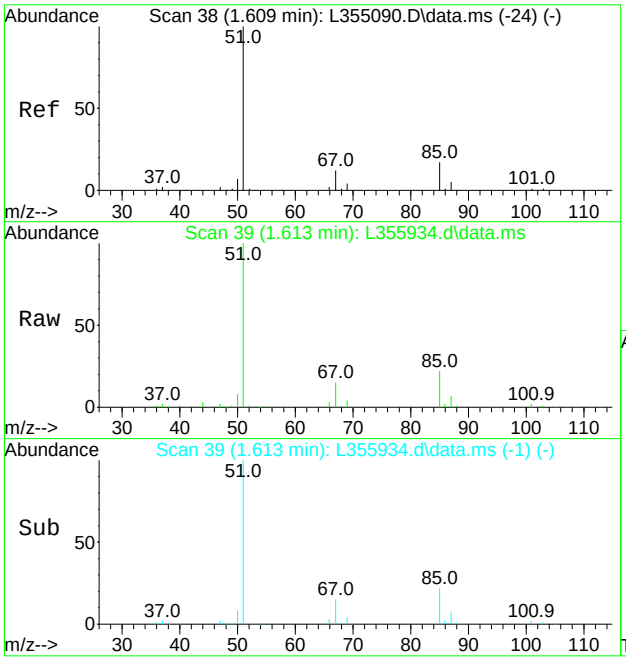


#4
tertiary butyl alcohol
Concen: 224.5938 ug/L
RT: 3.050 min Scan# 487
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 59 Resp: 149253

Ion	Ratio	Lower	Upper
59	100		
41	21.5	0.0	47.4
43	13.4	0.0	44.8

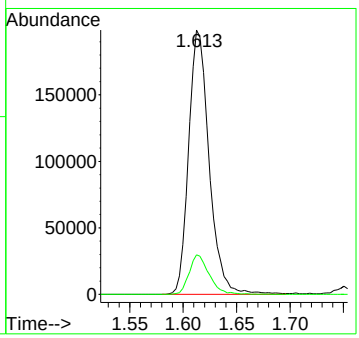


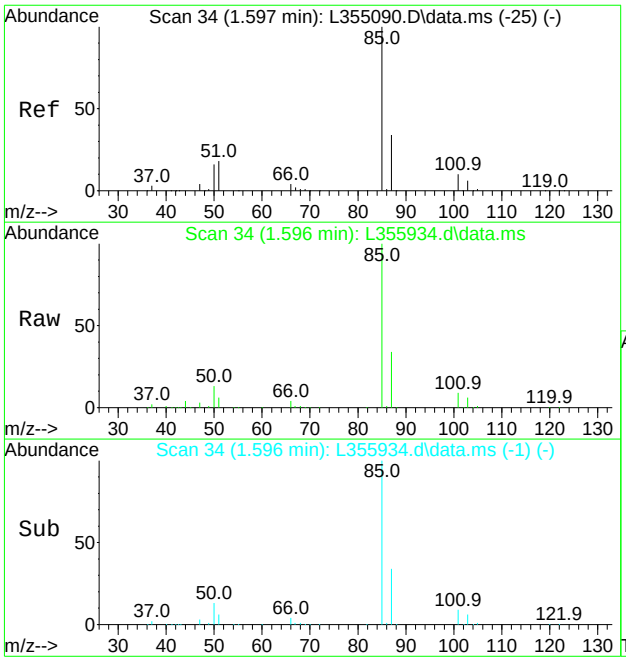


#6
chlorodifluoromethane
Concen: 39.4476 ug/L
RT: 1.613 min Scan# 39
Delta R.T. 0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 51 Resp: 265366

Ion	Ratio	Lower	Upper
51	100		
67	14.9	12.4	12.4#

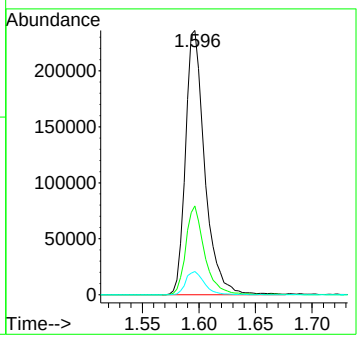


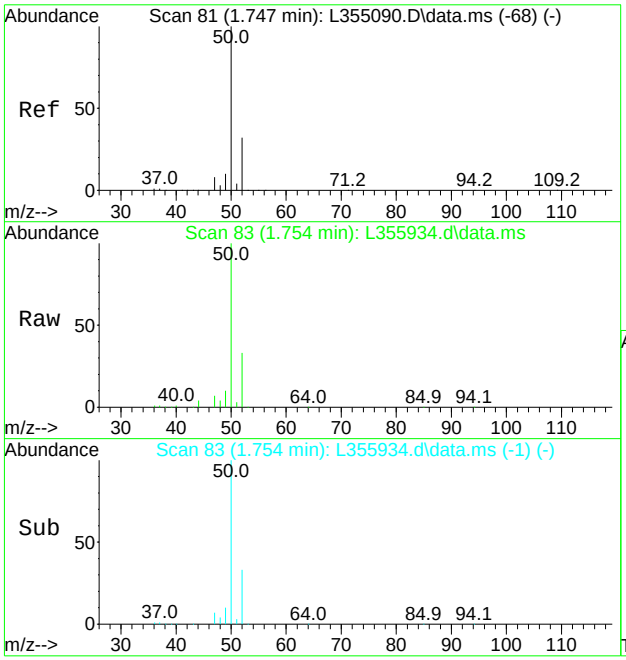


#7
dichlorodifluoromethane
Concen: 55.6434 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.001 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 85 Resp: 281237

Ion	Ratio	Lower	Upper
85	100		
87	33.6	3.9	63.9
101	8.8	0.0	39.7

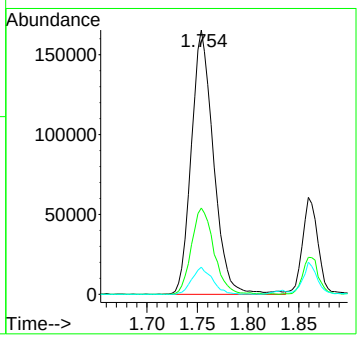


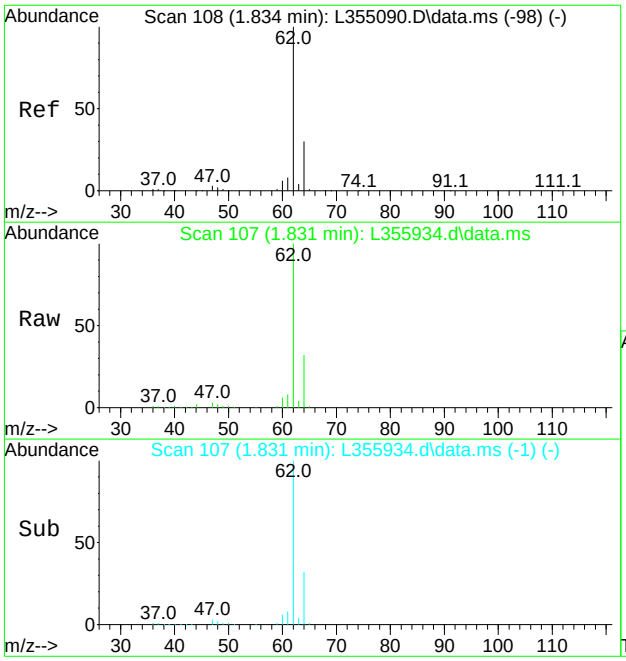


#8
chloromethane
Concen: 45.7711 ug/L
RT: 1.754 min Scan# 83
Delta R.T. 0.007 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 50 Resp: 252605

Ion	Ratio	Lower	Upper
50	100		
52	32.7	1.7	61.7
49	10.3	0.0	40.1

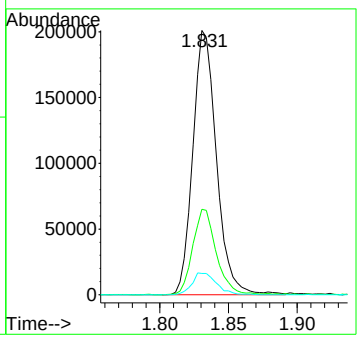


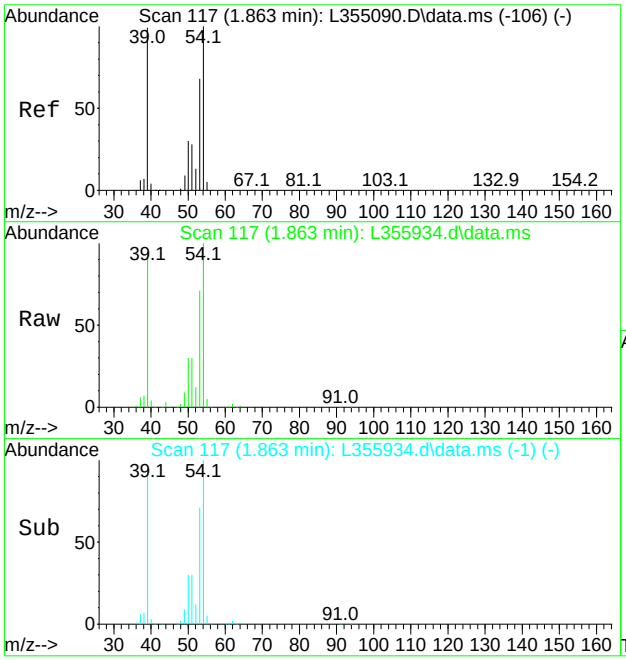


#9
vinyl chloride
Concen: 56.0970 ug/L
RT: 1.831 min Scan# 107
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 62 Resp: 240367

Ion	Ratio	Lower	Upper
62	100		
64	32.3	0.0	60.0
61	8.1	0.0	37.5

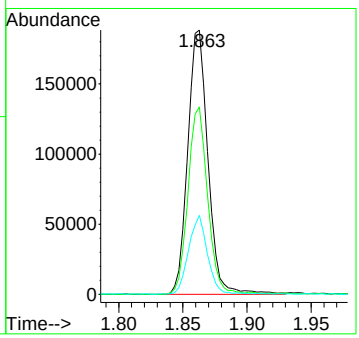


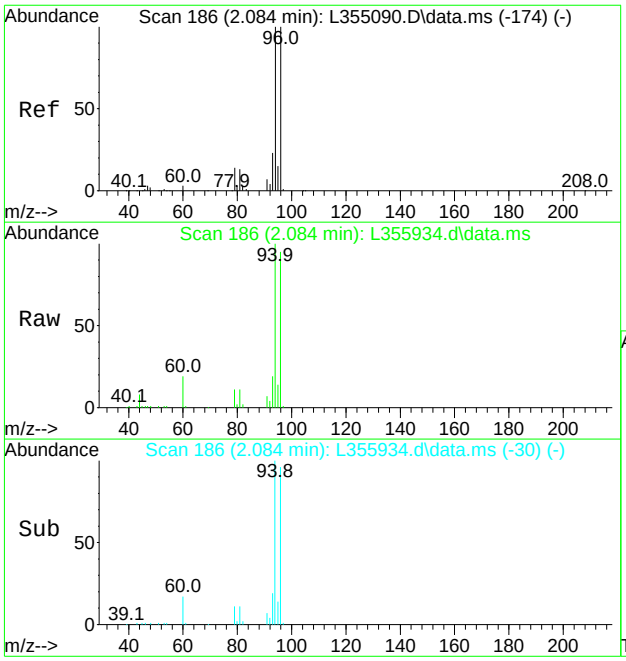


#10
1,3-butadiene
Concen: 44.2123 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 54 Resp: 207291

Ion	Ratio	Lower	Upper
54	100		
53	70.9	38.4	98.4
51	29.8	0.0	57.9

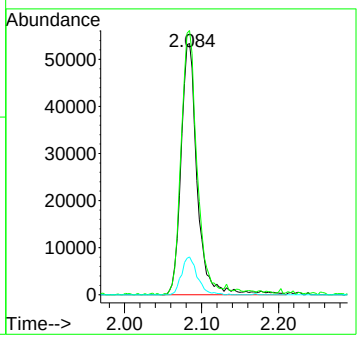


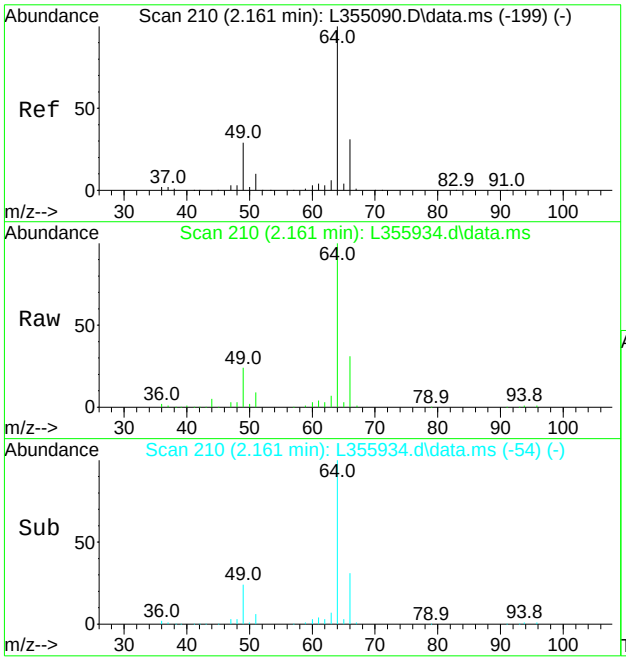


#11
bromomethane
Concen: 47.3686 ug/L
RT: 2.084 min Scan# 186
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 96 Resp: 78103

Ion	Ratio	Lower	Upper
96	100		
94	105.1	70.4	130.4
95	15.1	0.0	44.4

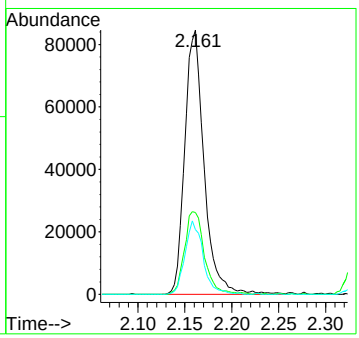


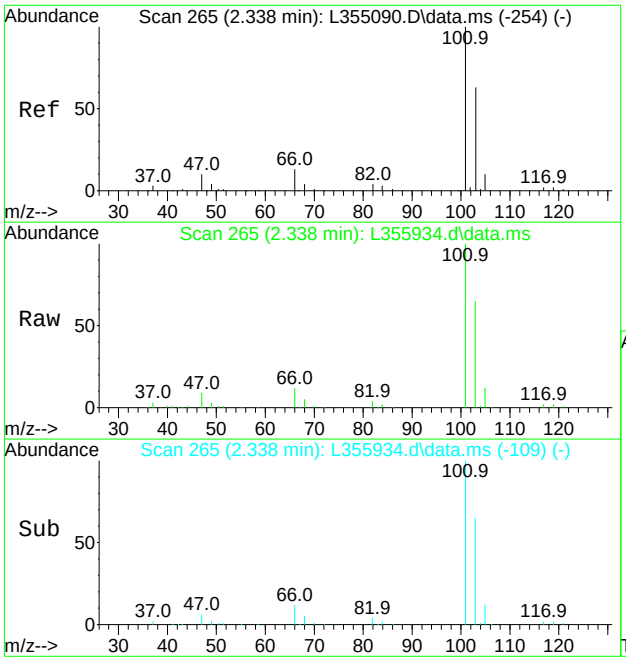


#12
chloroethane
Concen: 55.3393 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 64 Resp: 121608

Ion	Ratio	Lower	Upper
64	100		
66	31.0	1.3	61.3
49	24.5	0.0	58.9

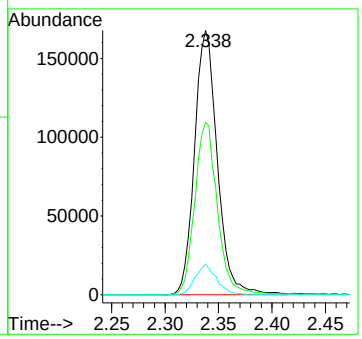


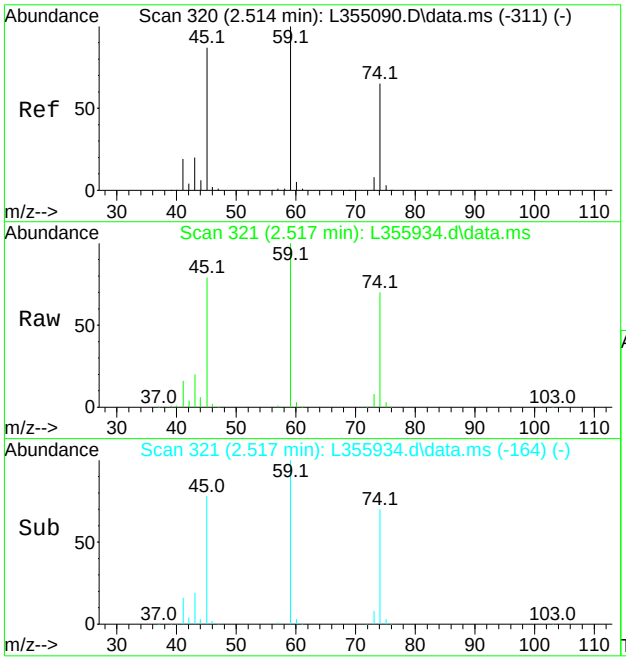


#13
trichlorofluoromethane
Concen: 55.3985 ug/L
RT: 2.338 min Scan# 265
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:101 Resp: 249851

Ion	Ratio	Lower	Upper
101	100		
103	65.3	32.9	92.9
105	11.6	0.0	40.4

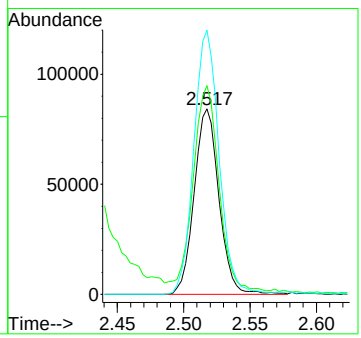


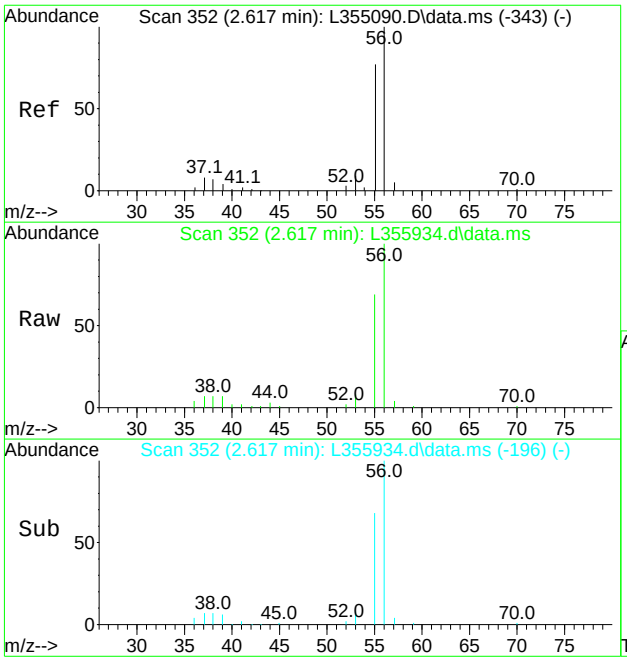


#14
ethyl ether
Concen: 55.1906 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 74 Resp: 109689

Ion	Ratio	Lower	Upper
74	100		
45	110.9	108.0	168.0
59	142.5	124.3	184.3

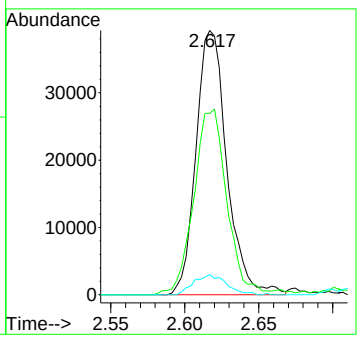


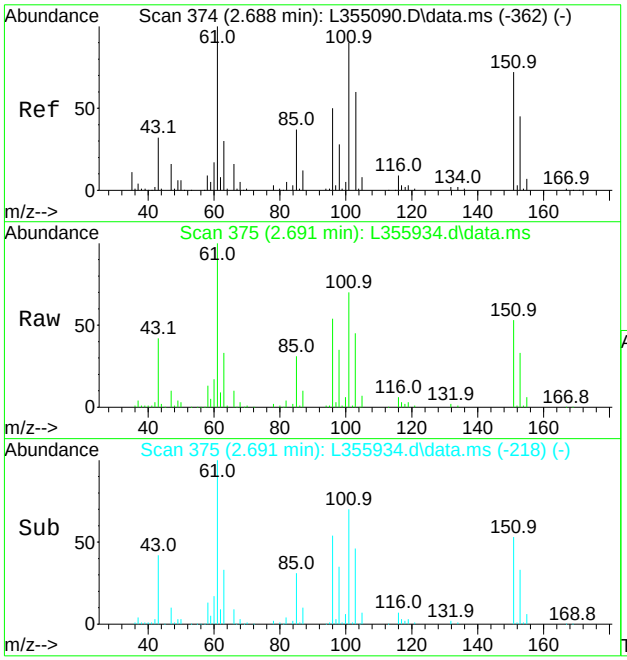


#15
acrolein
Concen: 57.6915 ug/L
RT: 2.617 min Scan# 352
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 56 Resp: 56961

Ion	Ratio	Lower	Upper
56	100		
55	67.5	48.6	108.6
53	7.6	0.0	38.7

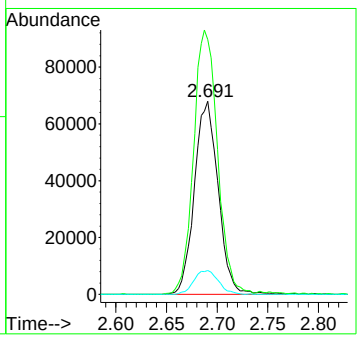


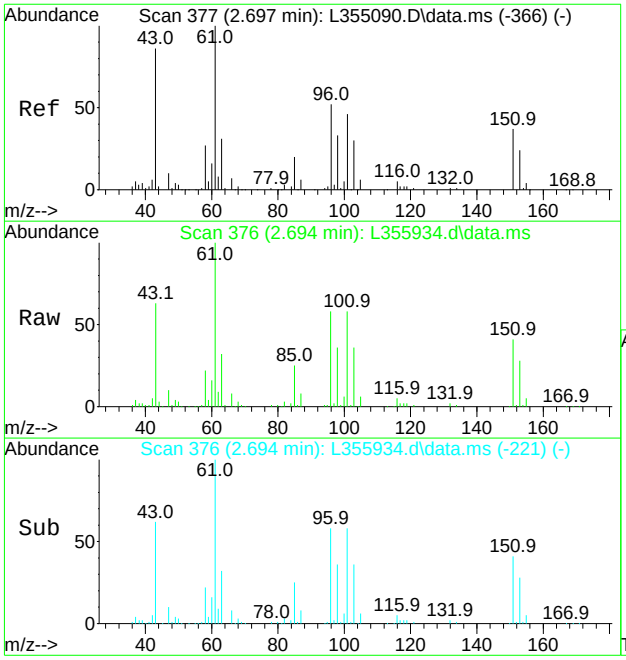


#16
freon 113
Concen: 46.0676 ug/L
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:151 Resp: 111287

Ion	Ratio	Lower	Upper
151	100		
101	132.0	105.0	145.0
116	12.3	0.0	31.9

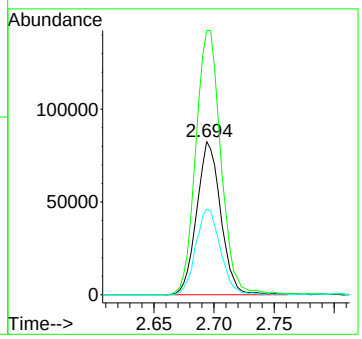


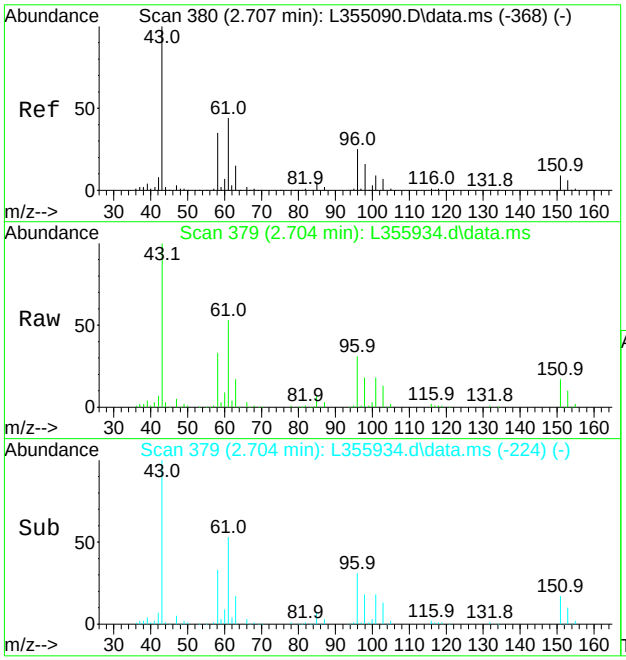


#17
1,1-dichloroethene
Concen: 49.3907 ug/L
RT: 2.694 min Scan# 376
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 96 Resp: 115357

Ion	Ratio	Lower	Upper
96	100		
61	172.3	160.9	220.9
63	56.0	29.9	89.9

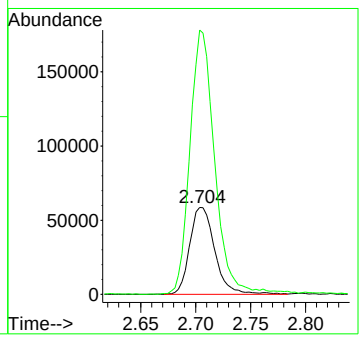


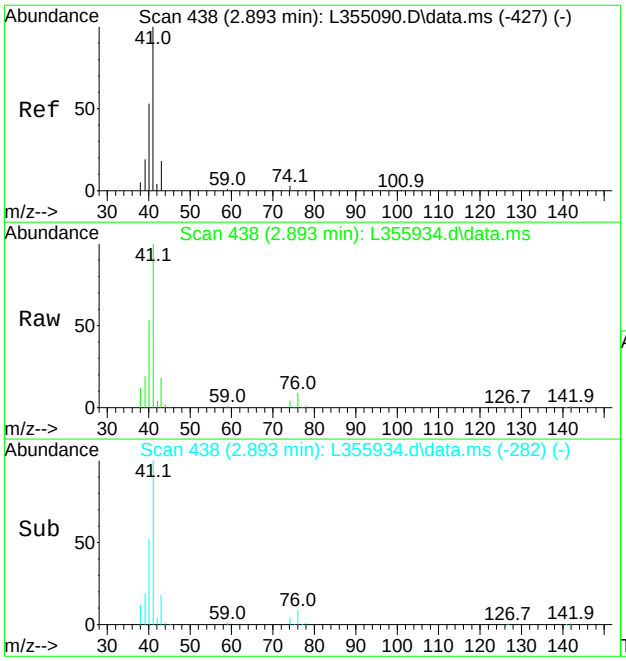


#18
acetone
Concen: 184.3732 ug/L
RT: 2.704 min Scan# 379
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 58 Resp: 93376

Ion	Ratio	Lower	Upper
58	100		
43	303.1	253.7	313.7

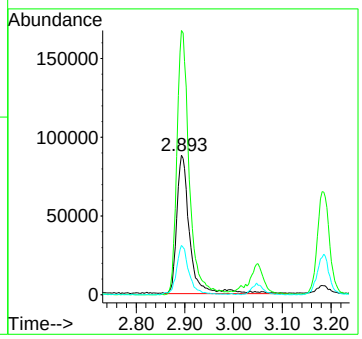


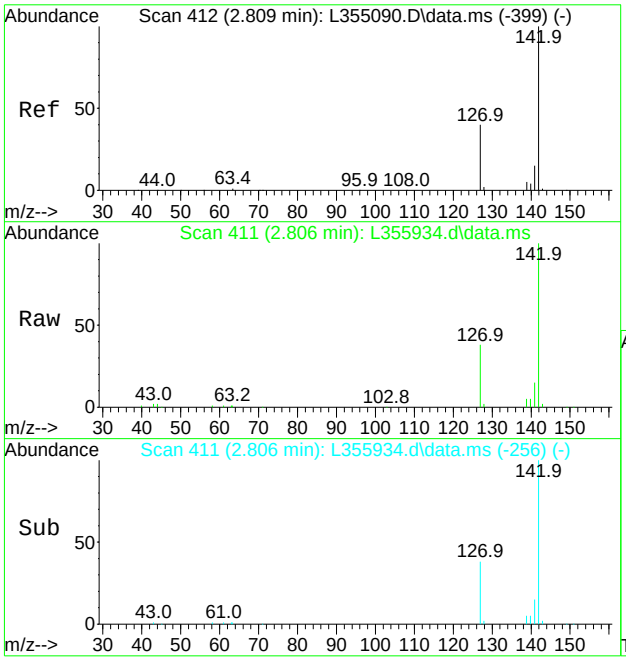


#19
acetonitrile
Concen: 549.7653 ug/L
RT: 2.893 min Scan# 438
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 40 Resp: 161327

Ion	Ratio	Lower	Upper
40	100		
41	191.1	156.9	216.9
39	35.4	5.5	65.5

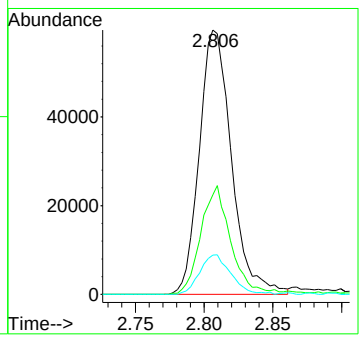


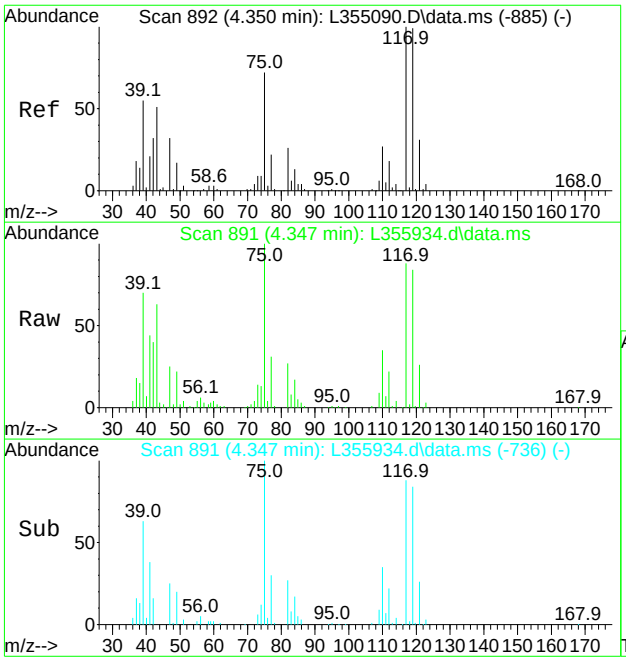


#20
iodomethane
Concen: 38.4242 ug/L
RT: 2.806 min Scan# 411
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:142 Resp: 97046

Ion	Ratio	Lower	Upper
142	100		
127	37.7	9.8	69.8
141	14.8	0.0	45.4

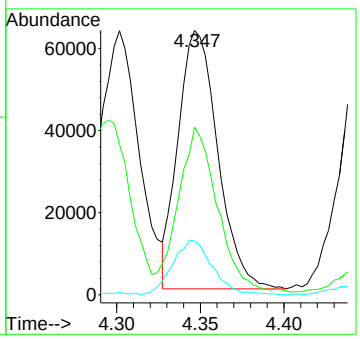


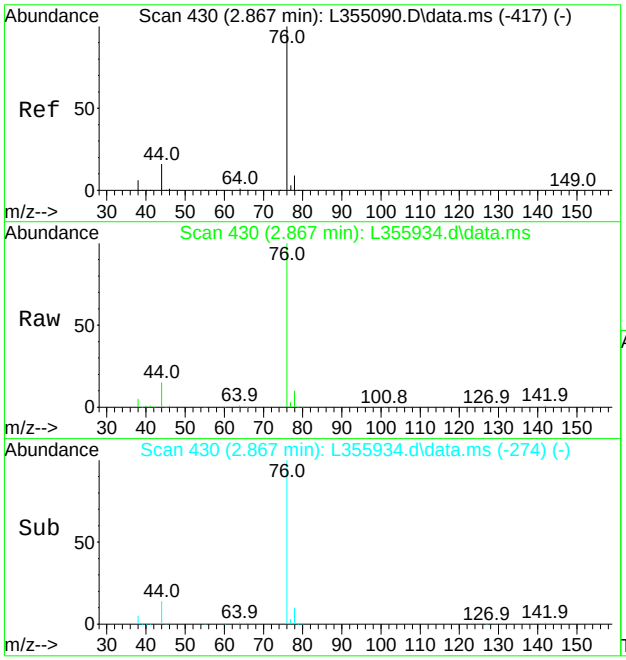


#21
iso-butyl alcohol
Concen: 551.5888 ug/L
RT: 4.347 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 43 Resp: 104114

Ion	Ratio	Lower	Upper
43	100		
42	63.2	26.5	86.5
74	20.9	0.0	48.2

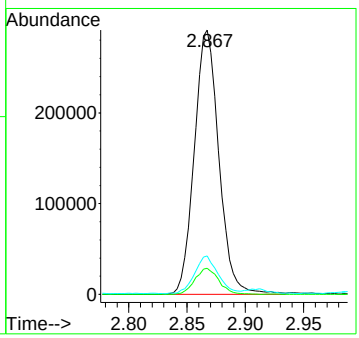


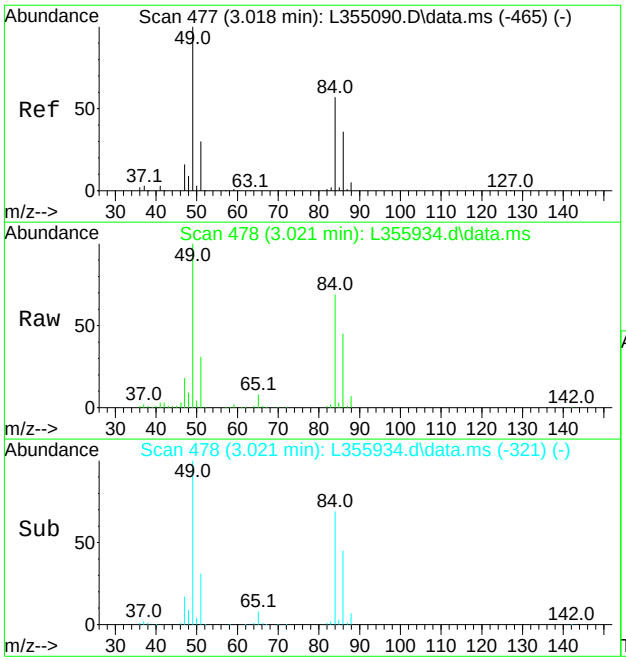


#22
carbon disulfide
Concen: 43.6331 ug/L
RT: 2.867 min Scan# 430
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 76 Resp: 427278

Ion	Ratio	Lower	Upper
76	100		
78	9.9	0.0	39.1
44	14.3	0.0	45.8

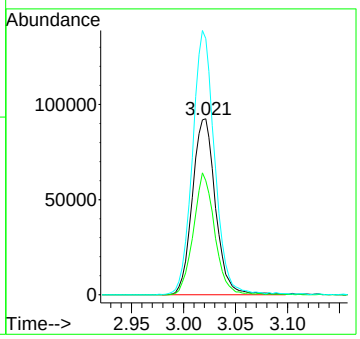


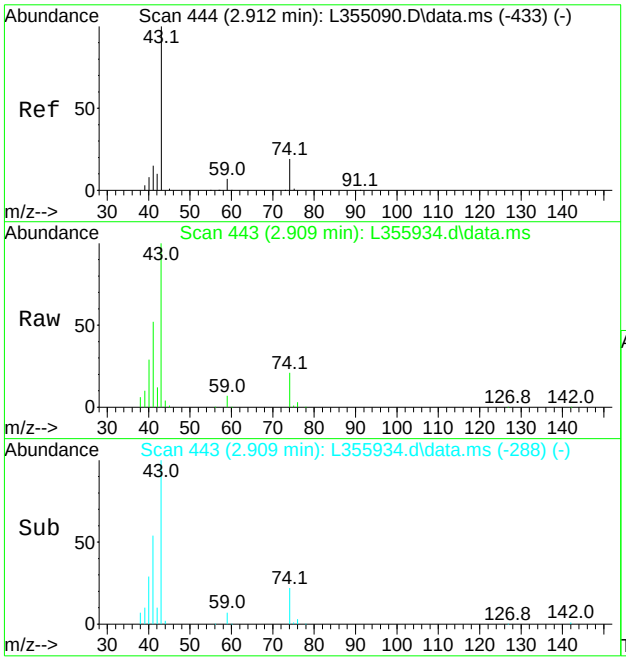


#23
methylene chloride
Concen: 49.8616 ug/L
RT: 3.021 min Scan# 478
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 84 Resp: 143642

Ion	Ratio	Lower	Upper
84	100		
86	64.8	33.9	93.9
49	145.3	146.7	206.7#

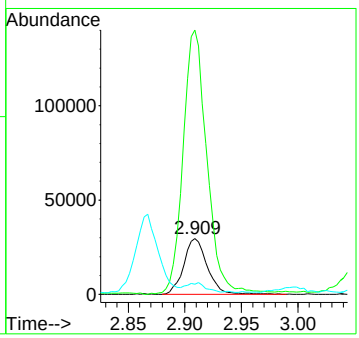


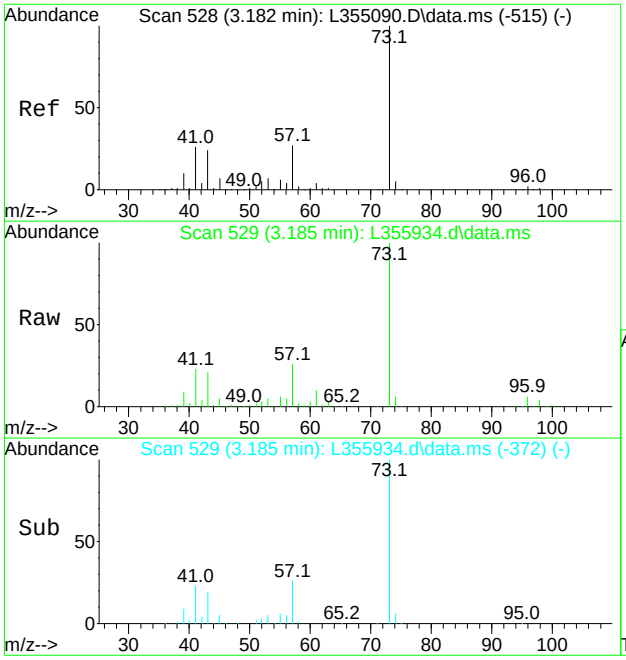


#24
methyl acetate
Concen: 59.9839 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 74 Resp: 43103

Ion	Ratio	Lower	Upper
74	100		
43	470.8	495.9	555.9#
44	5.8	0.0	47.9

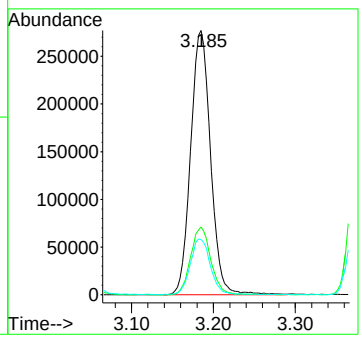


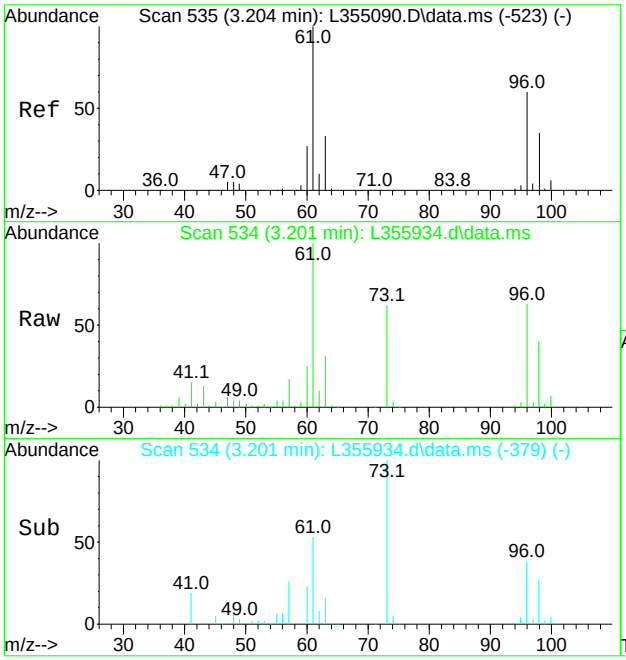


#25
methyl tert butyl ether
Concen: 50.1999 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 73 Resp: 468698

Ion	Ratio	Lower	Upper
73	100		
57	25.6	0.0	57.4
43	20.9	0.0	54.2

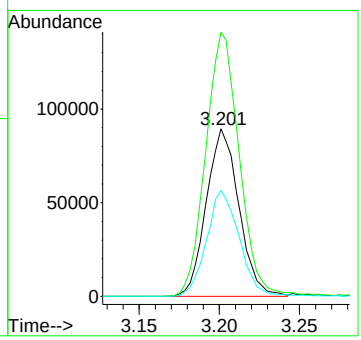


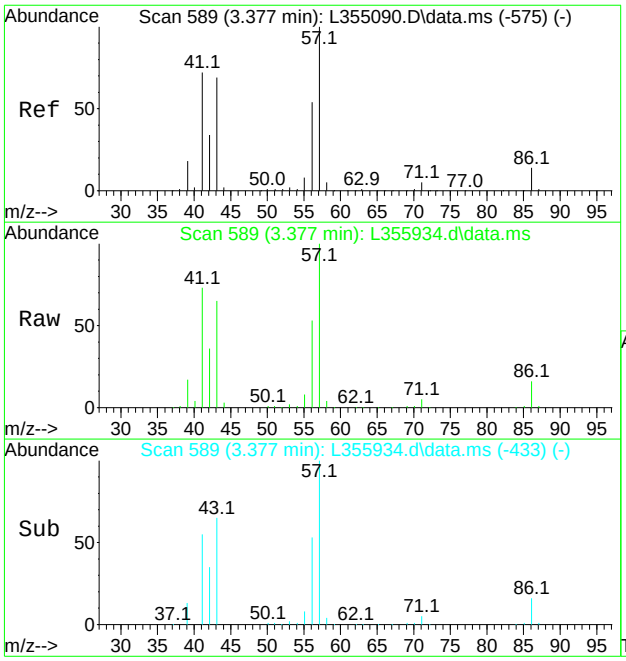


#26
trans-1,2-dichloroethene
Concen: 47.0467 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 96 Resp: 126628

Ion	Ratio	Lower	Upper
96	100		
61	157.8	136.4	196.4
98	63.2	28.2	88.2

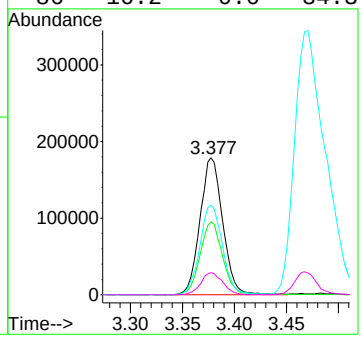


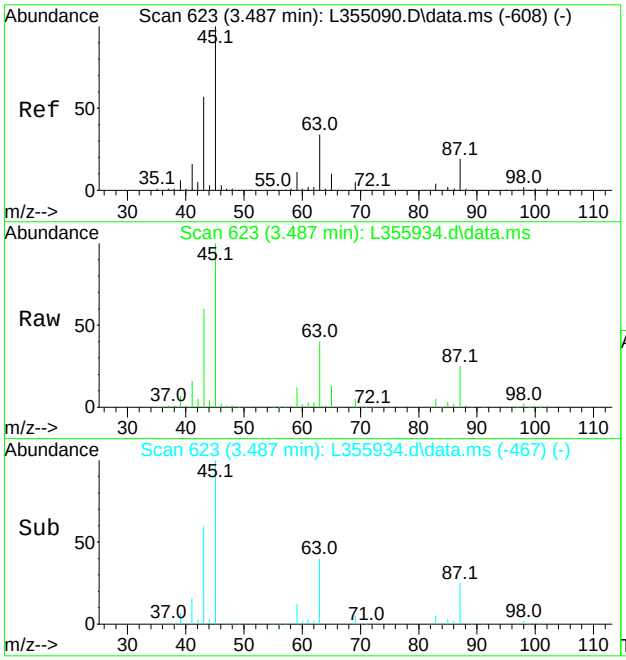


#27
hexane
Concen: 39.0422 ug/L
RT: 3.377 min Scan# 589
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 57 Resp: 272501

Ion	Ratio	Lower	Upper
57	100		
56	53.4	33.8	73.8
43	65.3	49.1	89.1
86	16.2	0.0	34.3

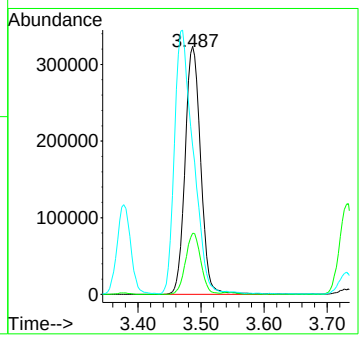


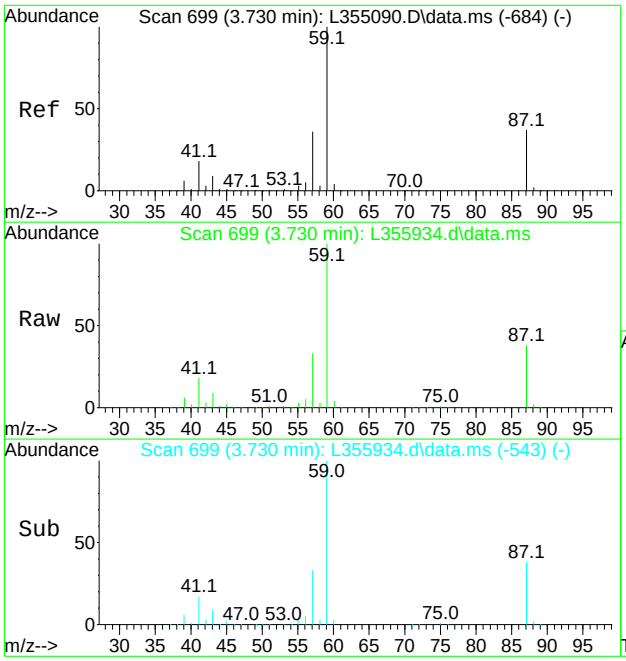


#28
di-isopropyl ether
Concen: 39.7701 ug/L
RT: 3.487 min Scan# 623
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 45 Resp: 556766

Ion	Ratio	Lower	Upper
45	100		
87	24.7	0.0	49.3
43	59.5	27.4	87.4

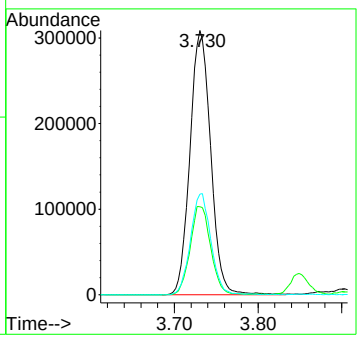


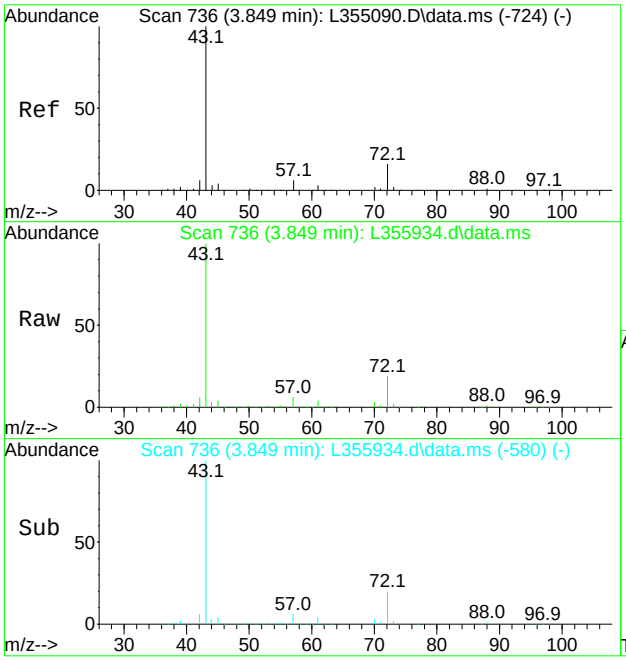


#29
ethyl tert-butyl ether
Concen: 45.1297 ug/L
RT: 3.730 min Scan# 699
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 59 Resp: 532705

Ion	Ratio	Lower	Upper
59	100		
57	33.3	5.9	65.9
87	38.1	6.7	66.7

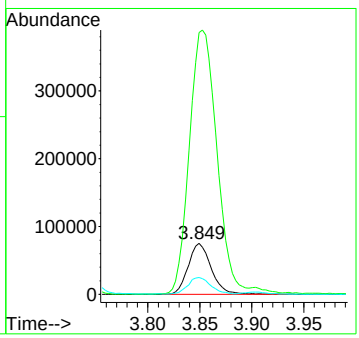


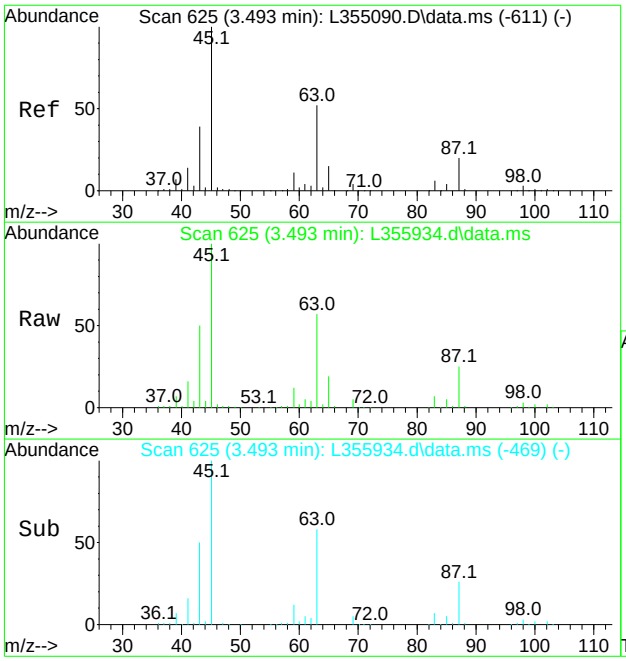


#30
2-butanone
Concen: 232.3390 ug/L
RT: 3.849 min Scan# 736
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 72 Resp: 116611

Ion	Ratio	Lower	Upper
72	100		
43	511.8	604.7	664.7#
57	32.7	10.0	70.0

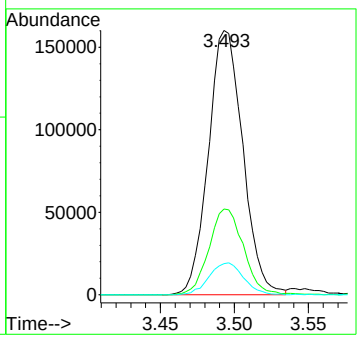


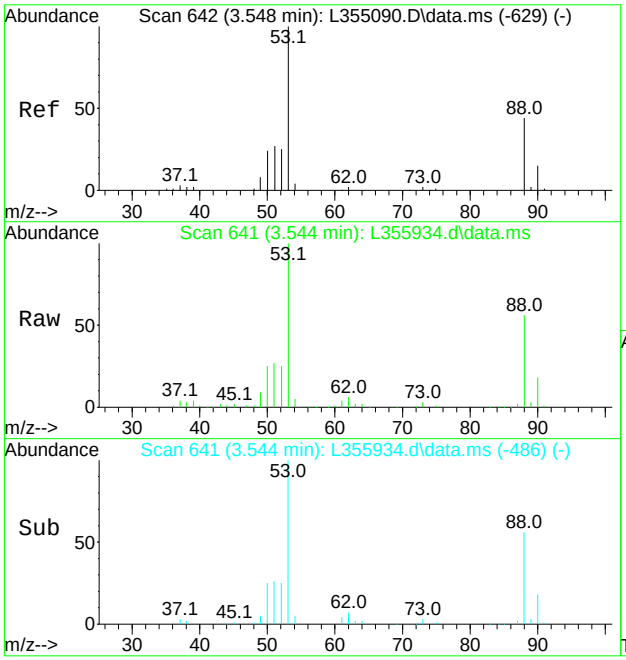


#31
1,1-dichloroethane
Concen: 42.7976 ug/L
RT: 3.493 min Scan# 625
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 63 Resp: 258883

Ion	Ratio	Lower	Upper
63	100		
65	32.4	0.0	59.0
83	11.8	0.0	41.4

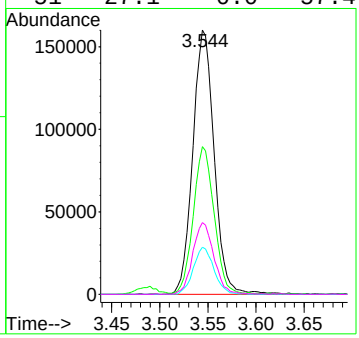


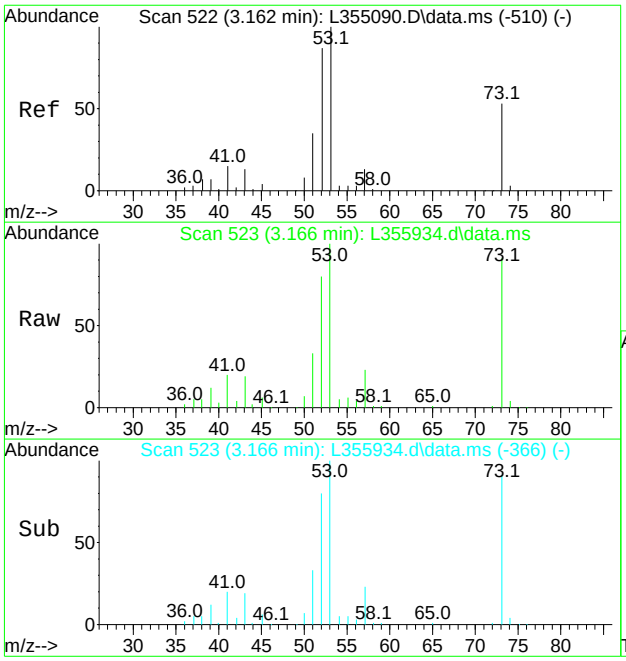


#32
chloroprene
Concen: 39.7282 ug/L
RT: 3.544 min Scan# 641
Delta R.T. -0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 53 Resp: 248511

Ion	Ratio	Lower	Upper
53	100		
88	55.6	14.5	74.5
90	17.9	0.0	45.2
51	27.1	0.0	57.4

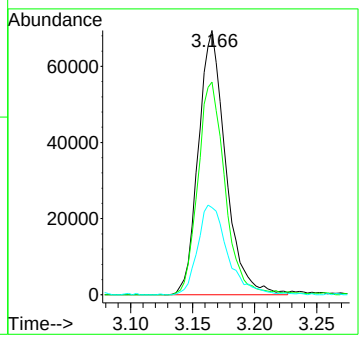


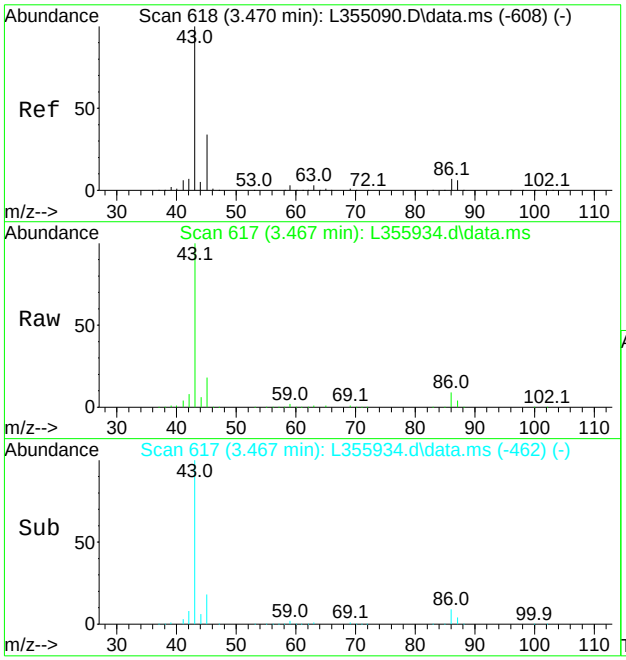


#33
acrylonitrile
Concen: 51.6106 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 53 Resp: 105910

Ion	Ratio	Lower	Upper
53	100		
52	80.5	57.3	117.3
51	33.0	5.3	65.3

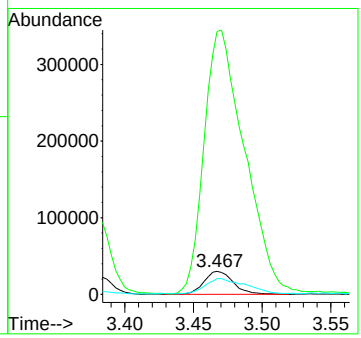


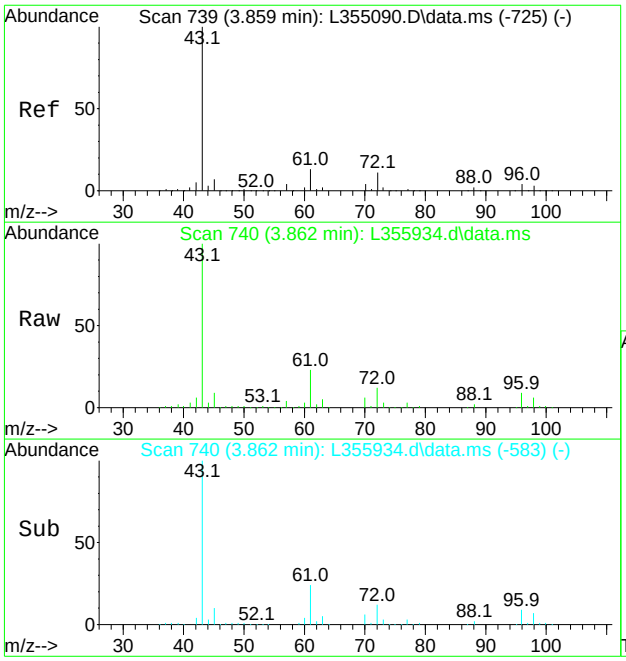


#34
vinyl acetate
Concen: 65.3771 ug/L
RT: 3.467 min Scan# 617
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 86 Resp: 44792

Ion	Ratio	Lower	Upper
86	100		
43	1141.3	1461.6	1521.6#
44	65.7	45.2	105.2

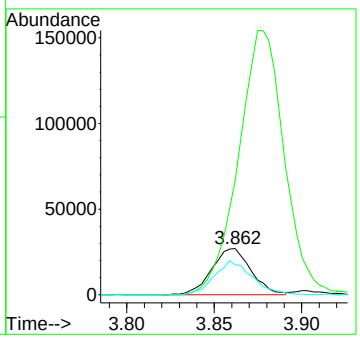


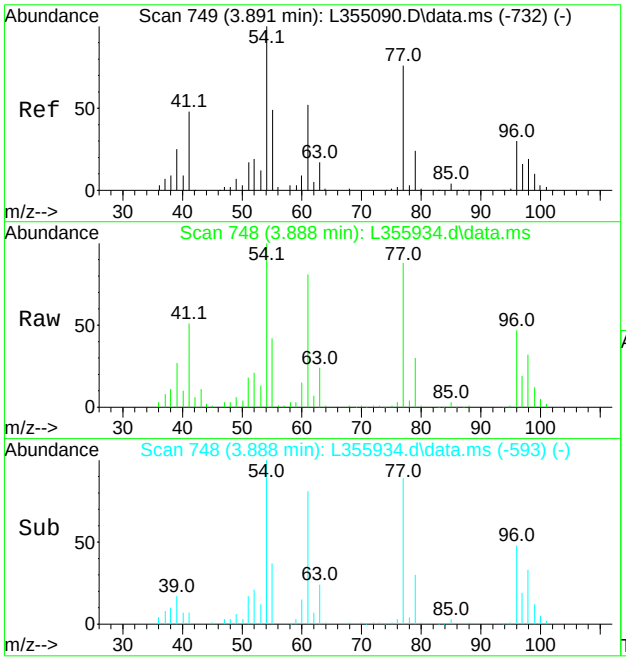


#35
ethyl acetate
Concen: 48.4066 ug/L
RT: 3.862 min Scan# 740
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 45 Resp: 42382

Ion	Ratio	Lower	Upper
45	100		
61	247.0	146.7	206.7#
70	64.9	27.4	87.4

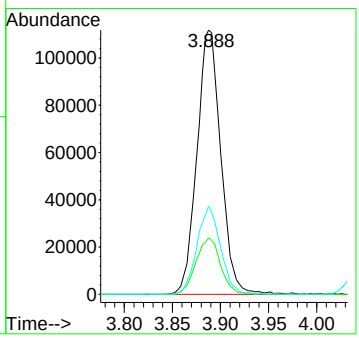


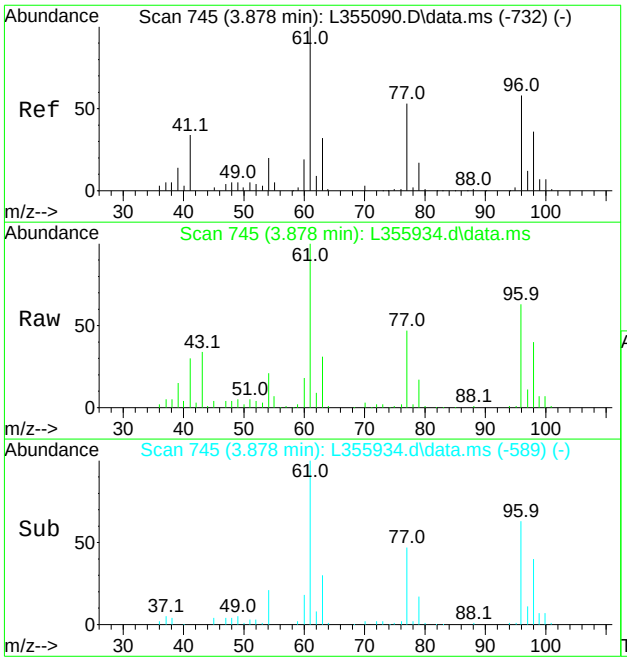


#36
2,2-dichloropropane
Concen: 43.2373 ug/L
RT: 3.888 min Scan# 748
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 77 Resp: 193366

Ion	Ratio	Lower	Upper
77	100		
97	21.3	0.0	51.0
79	33.4	1.4	61.4

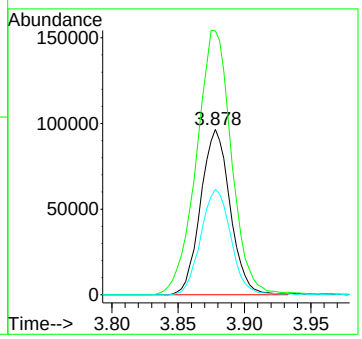


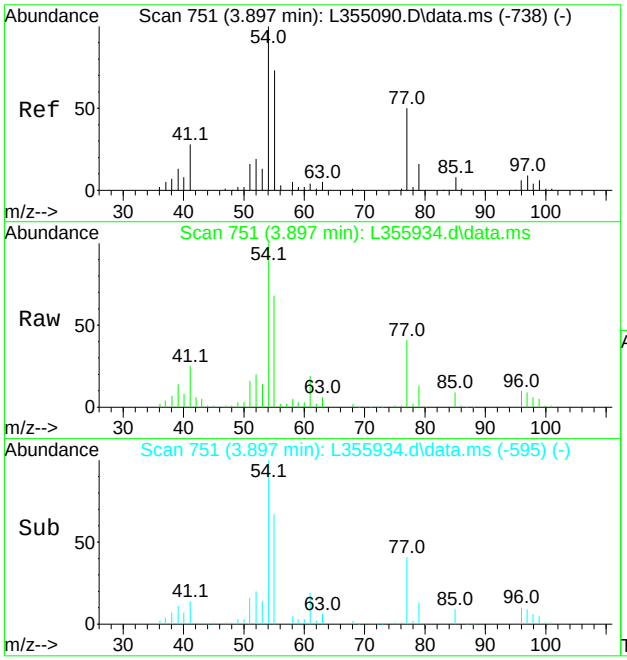


#37
cis-1,2-dichloroethene
Concen: 51.6591 ug/L
RT: 3.878 min Scan# 745
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 96 Resp: 149606

Ion	Ratio	Lower	Upper
96	100		
61	158.1	141.8	201.8
98	63.8	32.2	92.2

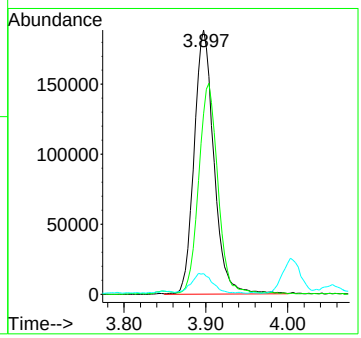


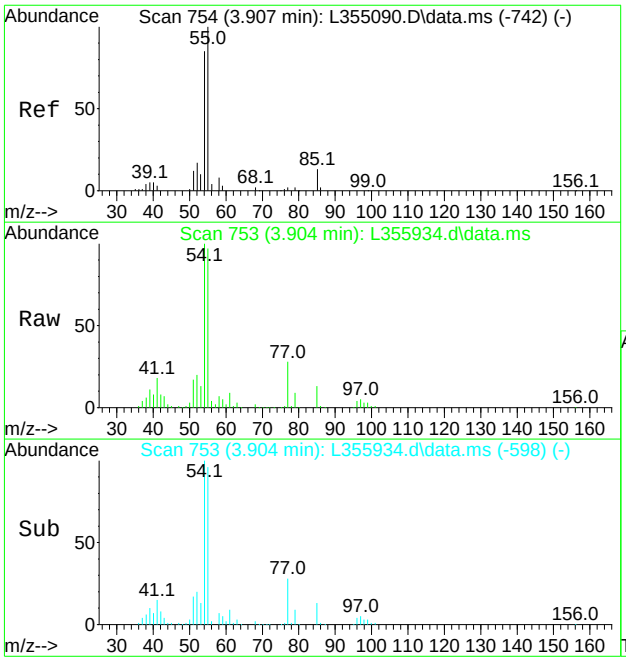


#38
propionitrile
Concen: 479.0324 ug/L
RT: 3.897 min Scan# 751
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 54 Resp: 316382

Ion	Ratio	Lower	Upper
54	100		
55	68.1	43.2	103.2
40	6.7	0.0	38.0

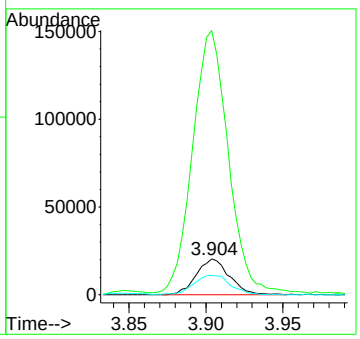


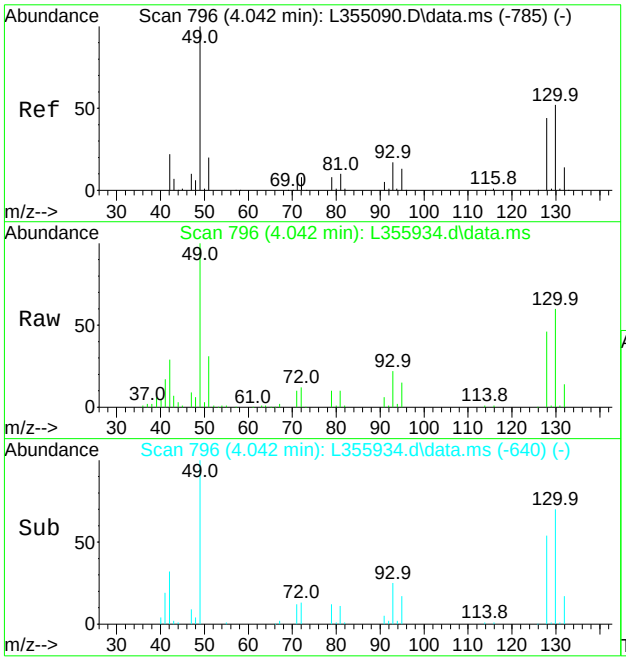


#39
methyl acrylate
Concen: 55.5289 ug/L
RT: 3.904 min Scan# 753
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 85 Resp: 30695

Ion	Ratio	Lower	Upper
85	100		
55	723.7	762.7	802.7#
58	54.0	40.5	80.5

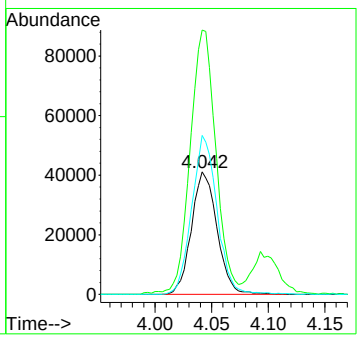


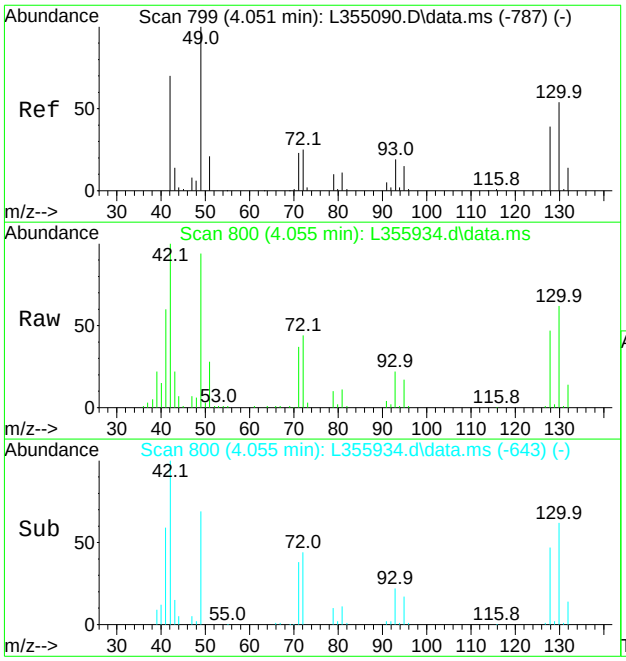


#40
bromochloromethane
Concen: 49.3653 ug/L
RT: 4.042 min Scan# 796
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:128 Resp: 64783

Ion	Ratio	Lower	Upper
128	100		
49	213.9	196.9	256.9
130	129.9	87.7	147.7

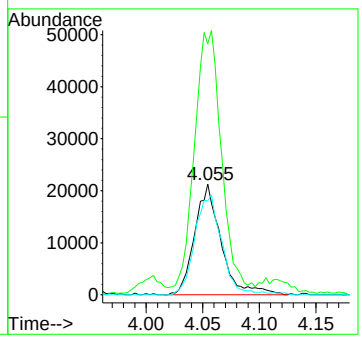


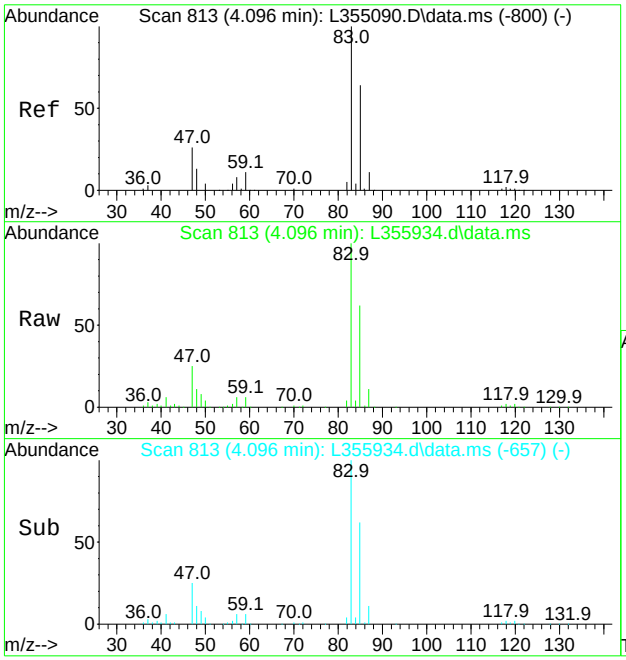


#41
tetrahydrofuran
Concen: 59.2811 ug/L
RT: 4.055 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 72 Resp: 34475

Ion	Ratio	Lower	Upper
72	100		
42	219.2	246.3	306.3#
71	84.9	61.6	121.6

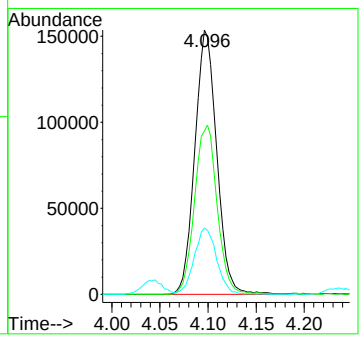


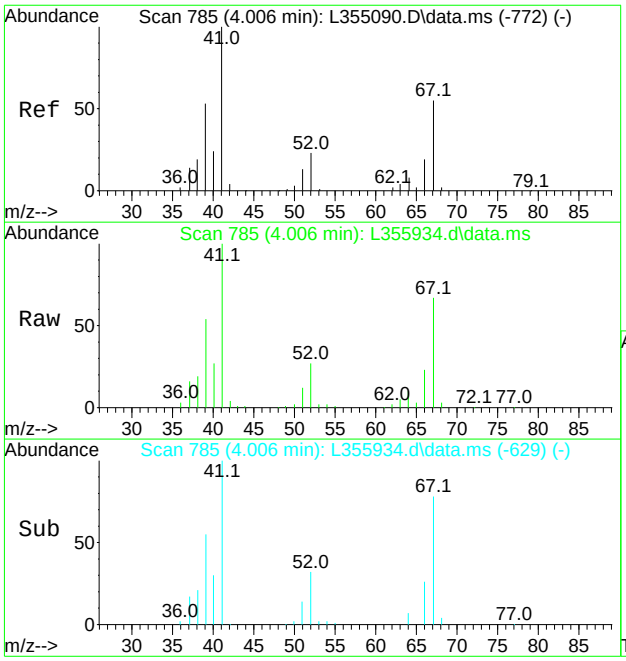


#42
chloroform
Concen: 46.6752 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 83 Resp: 244139

Ion	Ratio	Lower	Upper
83	100		
85	61.8	34.3	94.3
47	25.2	0.0	59.3

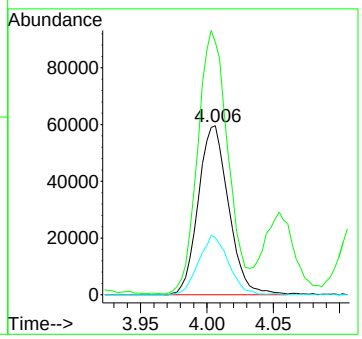


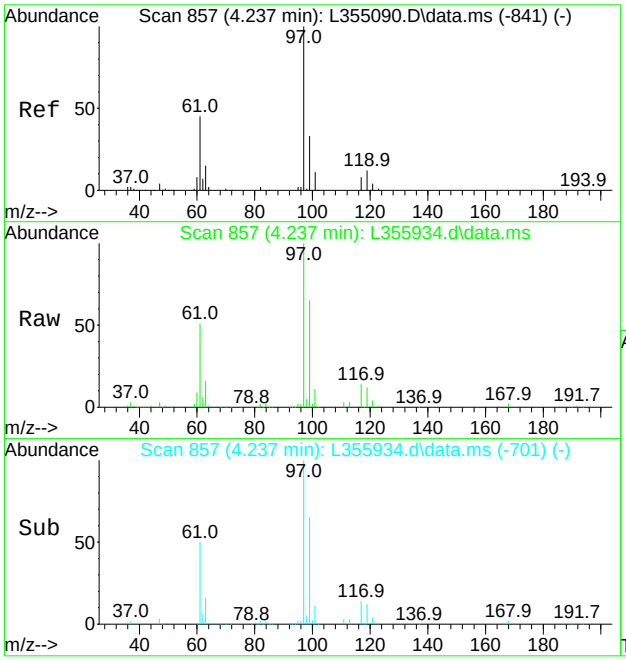


#44
methacrylonitrile
Concen: 55.2197 ug/L
RT: 4.006 min Scan# 785
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 67 Resp: 94879

Ion	Ratio	Lower	Upper
67	100		
41	148.9	150.2	210.2#
66	33.9	3.6	63.6

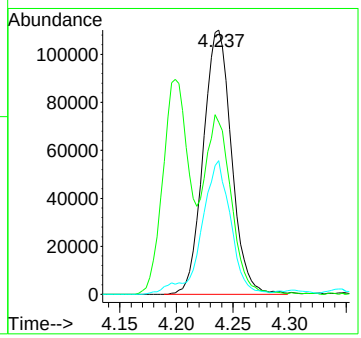


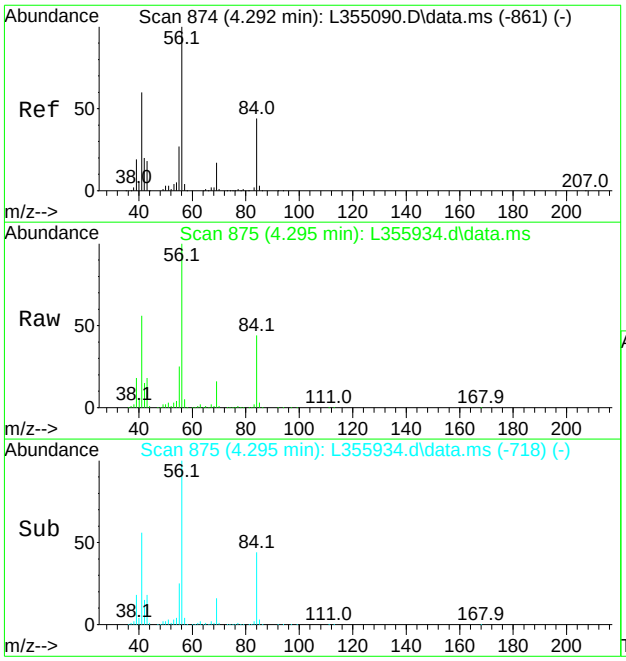


#45
1,1,1-trichloroethane
Concen: 47.8480 ug/L
RT: 4.237 min Scan# 857
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 97 Resp: 190859

Ion	Ratio	Lower	Upper
97	100		
99	64.7	33.3	93.3
61	49.2	14.9	74.9

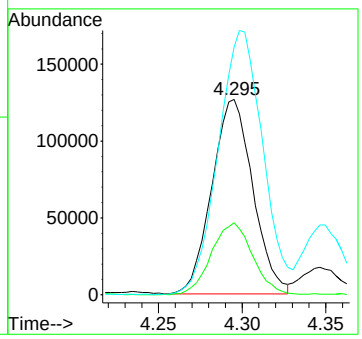


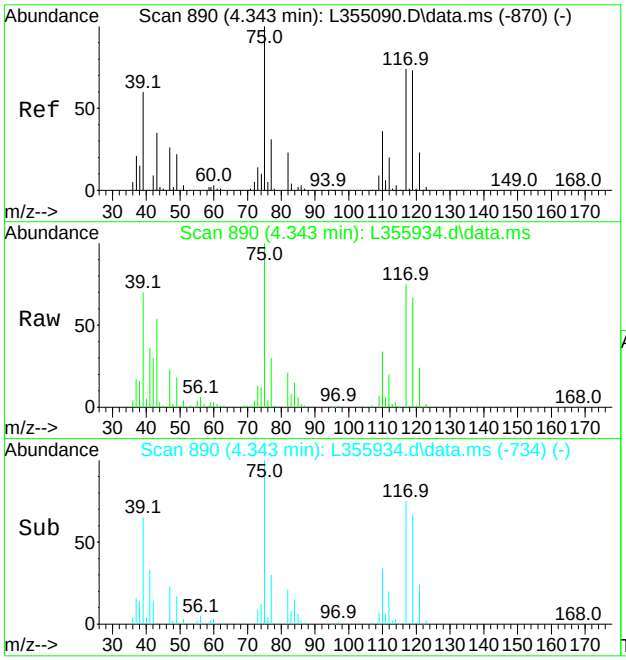


#46
cyclohexane
Concen: 49.1984 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 84 Resp: 215569

Ion	Ratio	Lower	Upper
84	100		
69	37.0	17.8	57.8
41	127.3	116.7	156.7

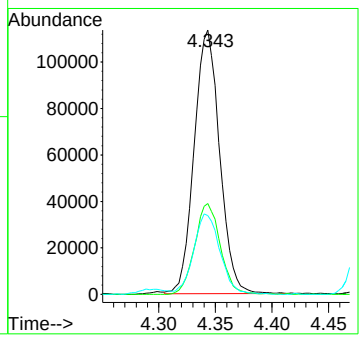


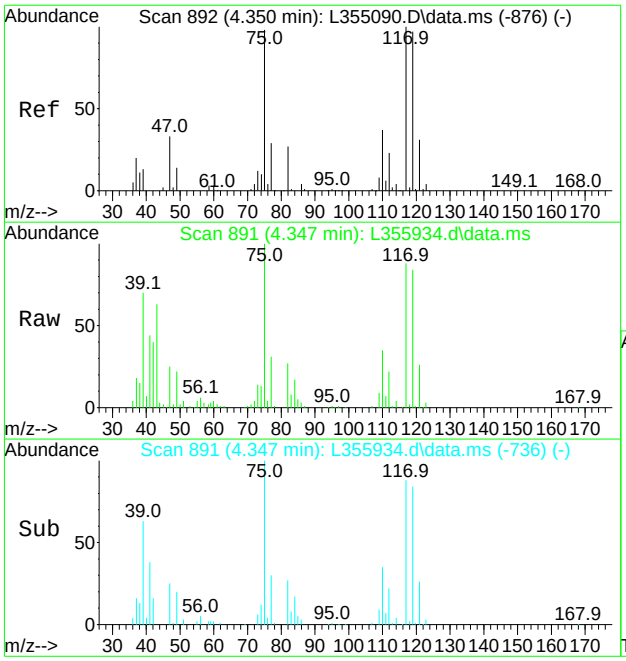


#47
1,1-dichloropropene
Concen: 45.7240 ug/L
RT: 4.343 min Scan# 890
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 75 Resp: 177507

Ion	Ratio	Lower	Upper
75	100		
110	34.5	15.8	55.8
77	29.9	11.6	51.6

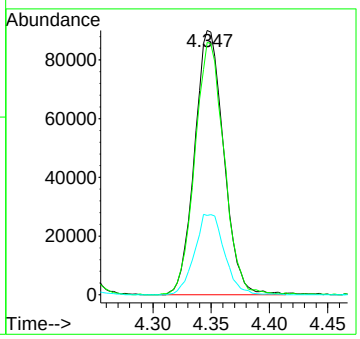


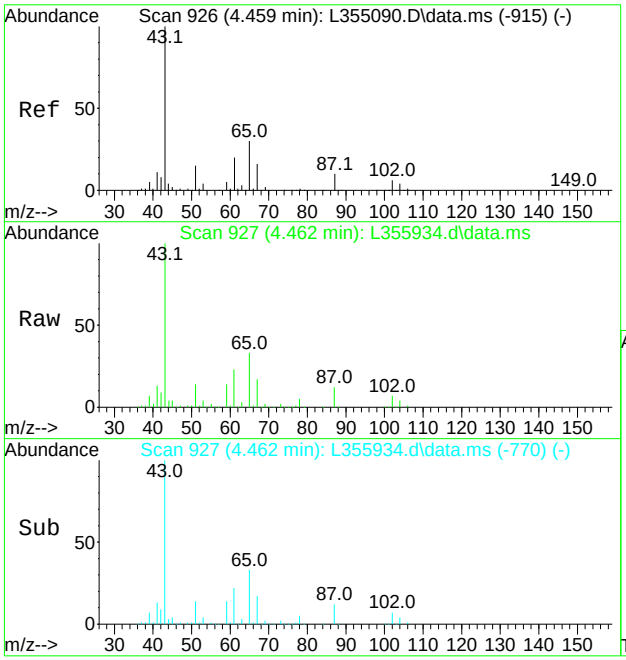


#48
carbon tetrachloride
Concen: 44.4220 ug/L
RT: 4.347 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:117 Resp: 156518

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	117.1
121	30.0	11.1	51.1

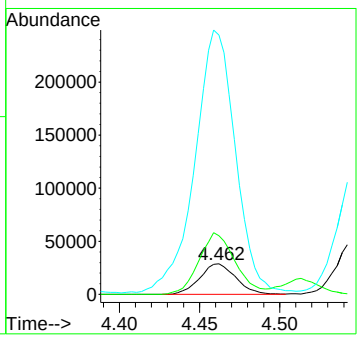


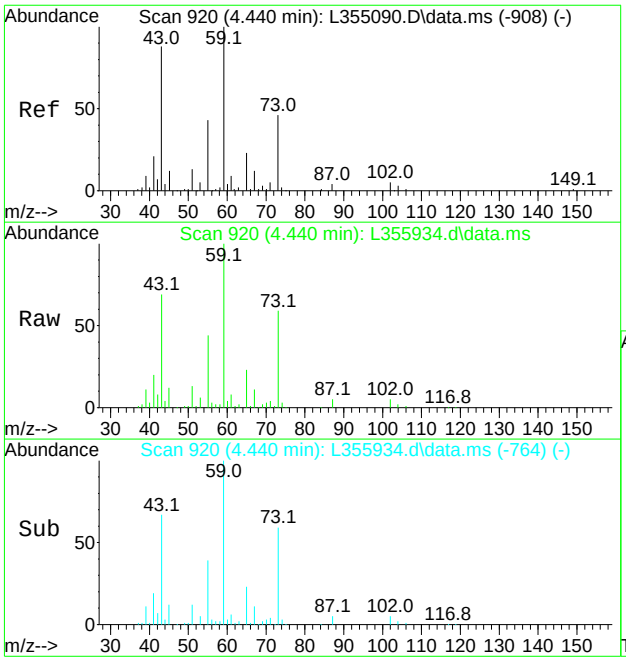


#49
isopropyl acetate
Concen: 55.5621 ug/L
RT: 4.462 min Scan# 927
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 87 Resp: 45224

Ion	Ratio	Lower	Upper
87	100		
61	191.0	185.6	225.6
43	833.9	1029.1	1089.1#

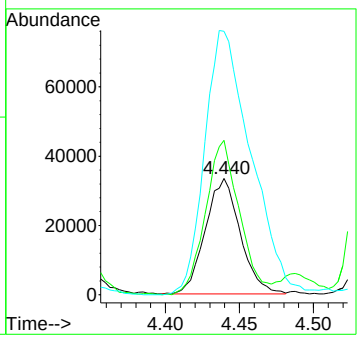


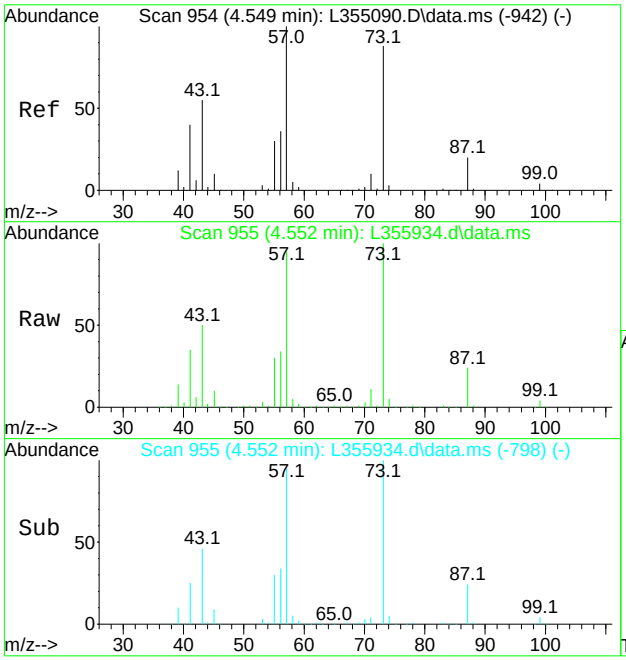


#50
tert amyl alcohol
Concen: 305.6836 ug/L
RT: 4.440 min Scan# 920
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 55 Resp: 54502

Ion	Ratio	Lower	Upper
55	100		
73	134.1	87.0	127.0#
59	228.5	211.2	251.2

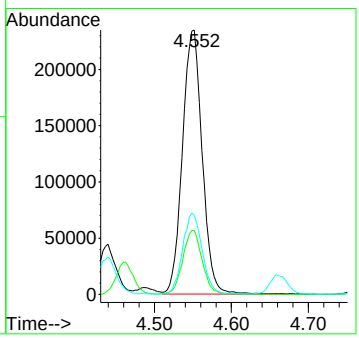


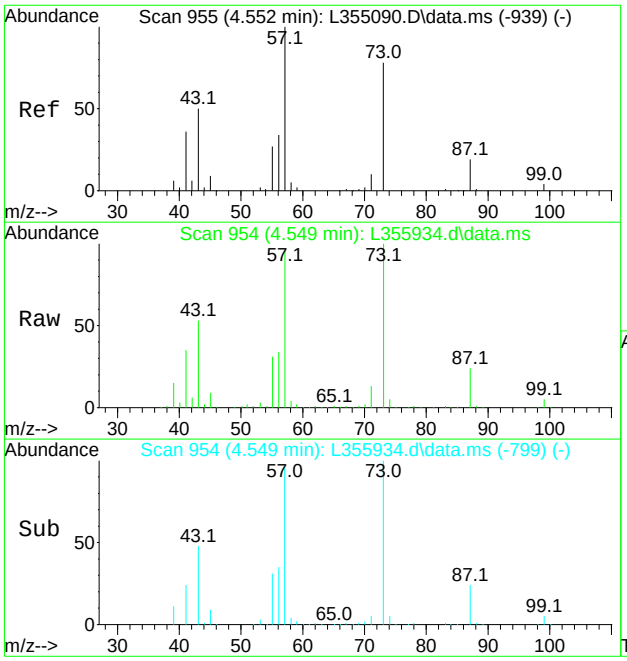


#53
tert-amyl methyl ether
Concen: 43.0156 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 73 Resp: 417702

Ion	Ratio	Lower	Upper
73	100		
87	24.3	2.5	42.5
55	29.7	14.1	54.1

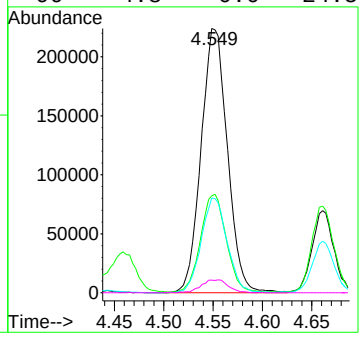


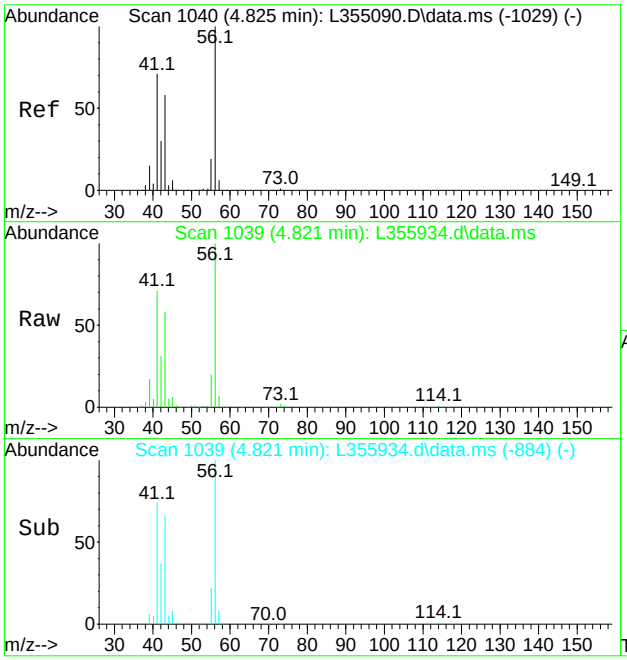


#54
2,2,4-trimethylpentane
Concen: 33.2498 ug/L
RT: 4.549 min Scan# 954
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 57 Resp: 416079

Ion	Ratio	Lower	Upper
57	100		
41	36.3	15.5	55.5
56	35.9	14.0	54.0
99	4.8	0.0	24.5

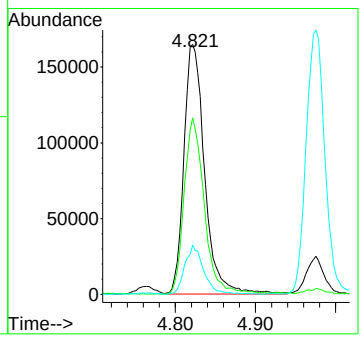


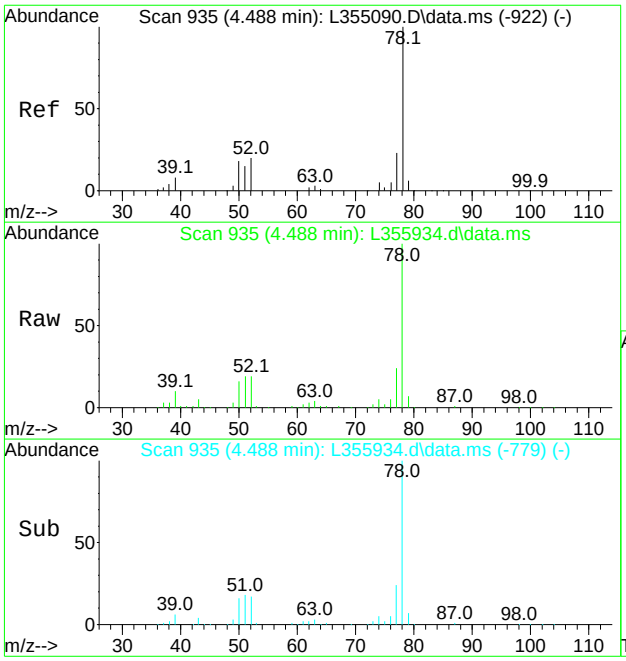


#55
n-butyl alcohol
Concen: 3343.4531 ug/L
RT: 4.821 min Scan# 1039
Delta R.T. -0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 56 Resp: 296355

Ion	Ratio	Lower	Upper
56	100		
41	70.8	40.6	100.6
55	19.7	0.0	48.8

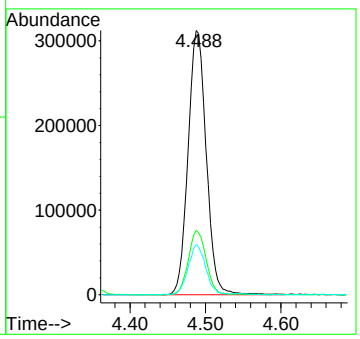


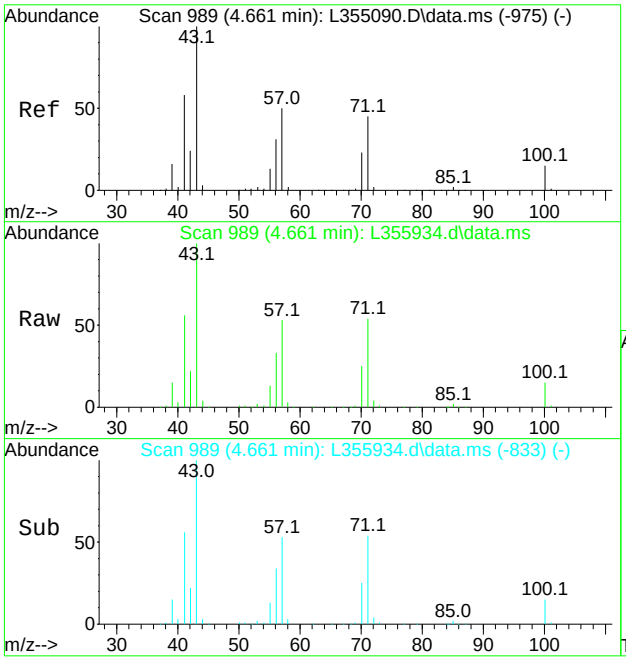


#56
benzene
Concen: 42.9131 ug/L
RT: 4.488 min Scan# 935
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 78 Resp: 523469

Ion	Ratio	Lower	Upper
78	100		
77	24.4	0.0	53.0
52	19.1	0.0	50.0

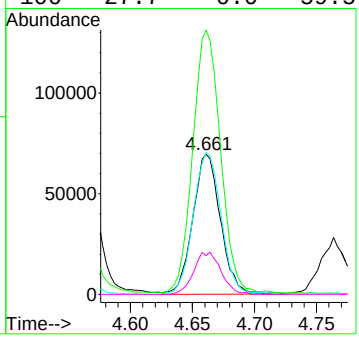


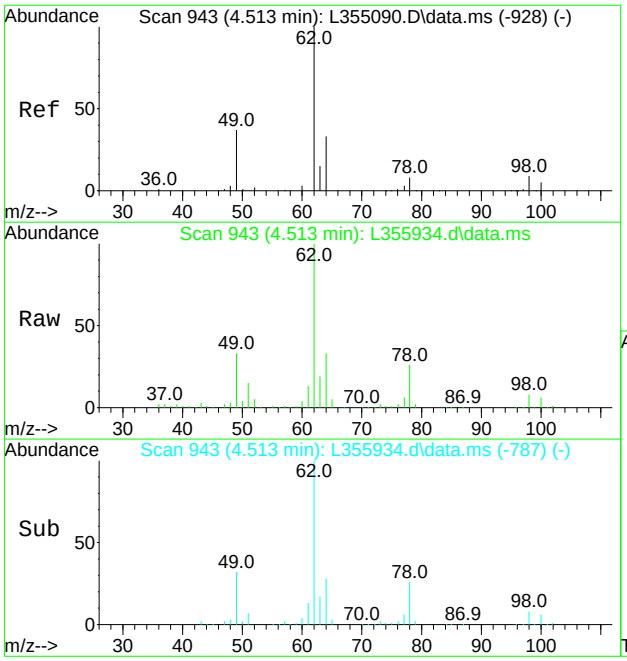


#57
heptane
Concen: 36.6468 ug/L
RT: 4.661 min Scan# 989
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 57 Resp: 107698

Ion	Ratio	Lower	Upper
57	100		
43	188.4	170.1	230.1
71	101.5	59.7	119.7
100	27.7	0.0	59.5

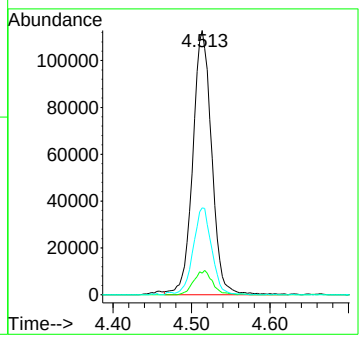


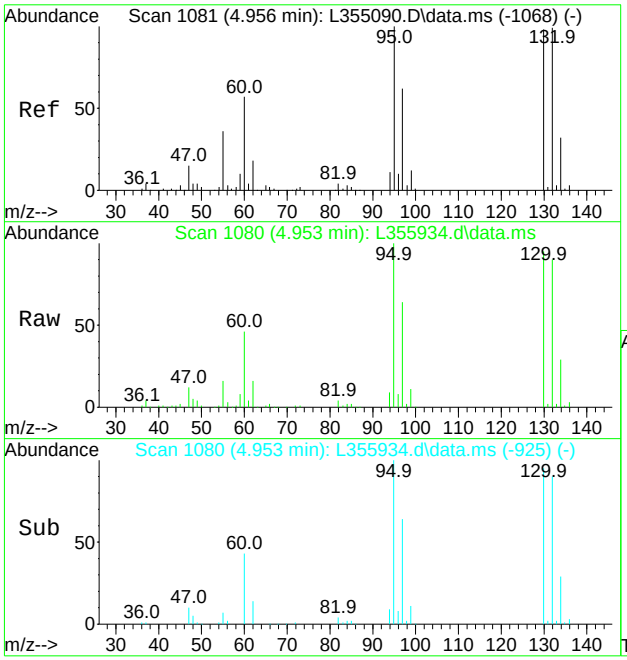


#58
1,2-dichloroethane
Concen: 41.9274 ug/L
RT: 4.513 min Scan# 943
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 62 Resp: 189127

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	39.1
64	32.9	2.9	62.9

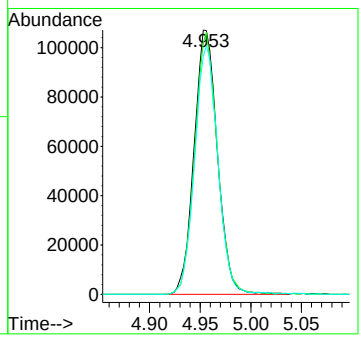


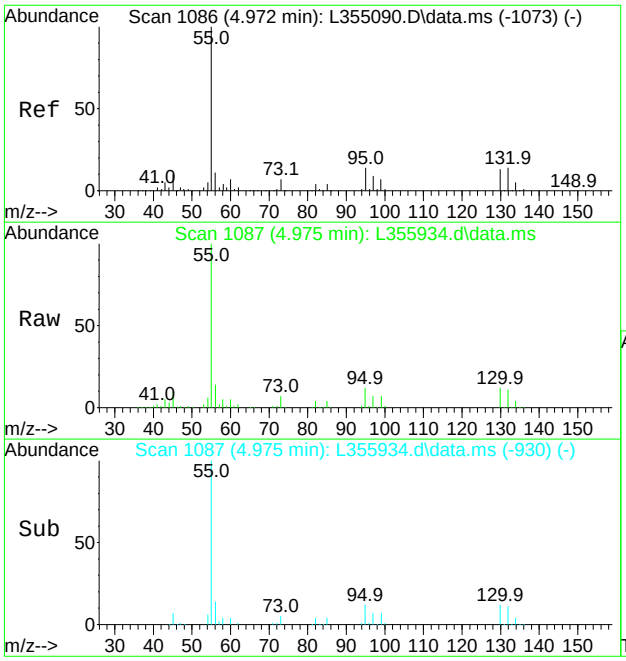


#59
trichloroethene
Concen: 53.5682 ug/L
RT: 4.953 min Scan# 1080
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 95 Resp: 172808

Ion	Ratio	Lower	Upper
95	100		
130	95.1	68.4	128.4
132	90.0	68.7	128.7

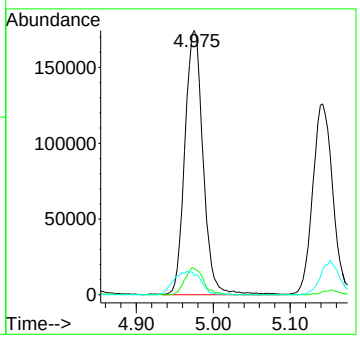


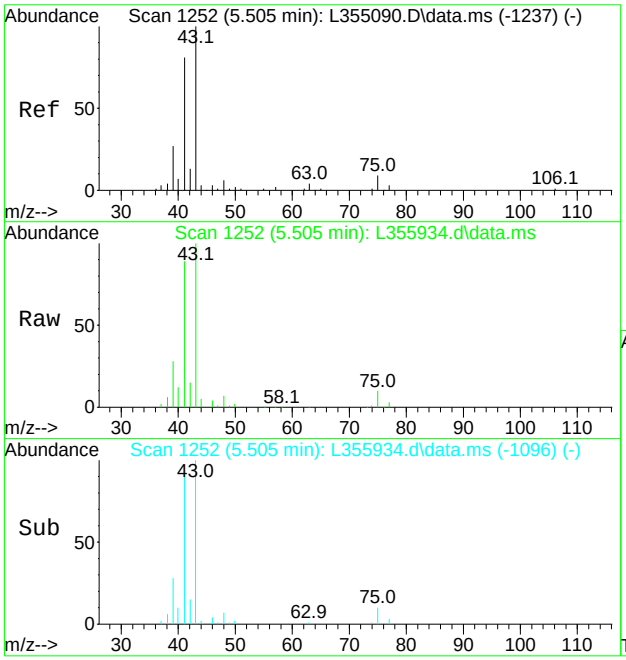


#60
ethyl acrylate
Concen: 43.2887 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 55 Resp: 287713

Ion	Ratio	Lower	Upper
55	100		
45	9.9	0.0	30.3
99	7.2	0.0	27.2

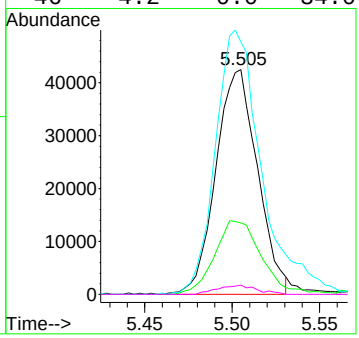


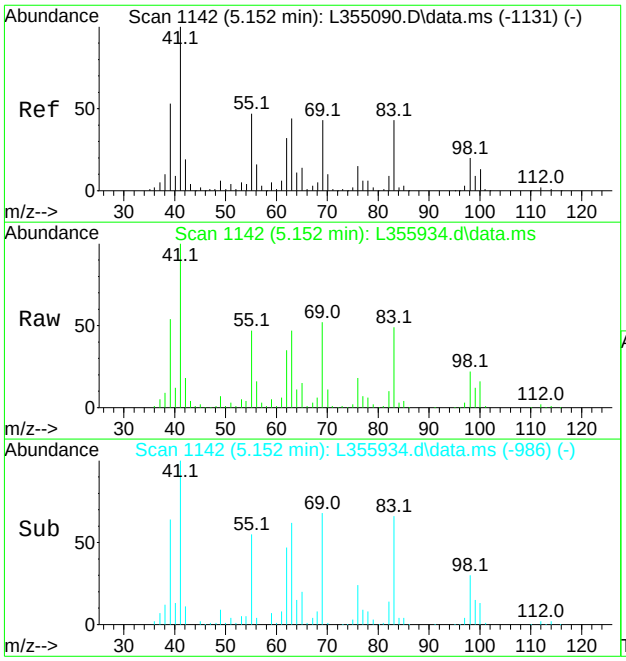


#61
2-nitropropane
Concen: 43.8297 ug/L
RT: 5.505 min Scan# 1252
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 41 Resp: 70446

Ion	Ratio	Lower	Upper
41	100		
39	31.8	3.7	63.7
43	111.8	92.8	152.8
46	4.2	0.0	34.0

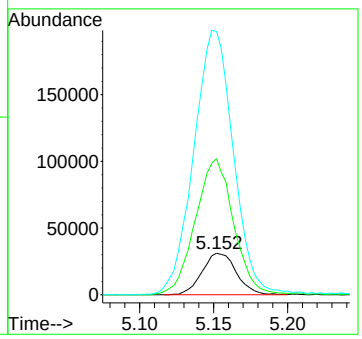


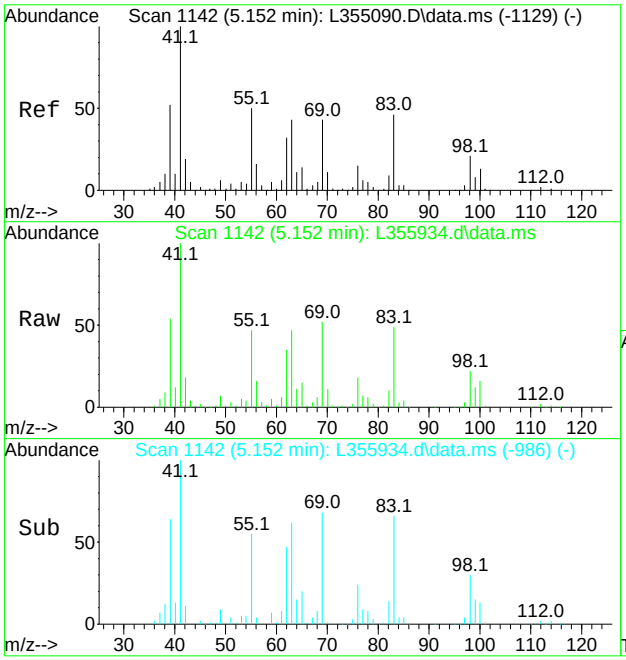


#63
methyl methacrylate
Concen: 50.9184 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:100 Resp: 50269

Ion	Ratio	Lower	Upper
100	100		
69	324.1	303.9	363.9
41	624.9	748.3	808.3#

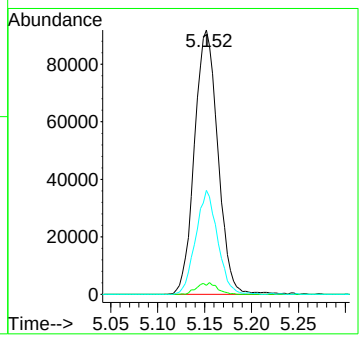


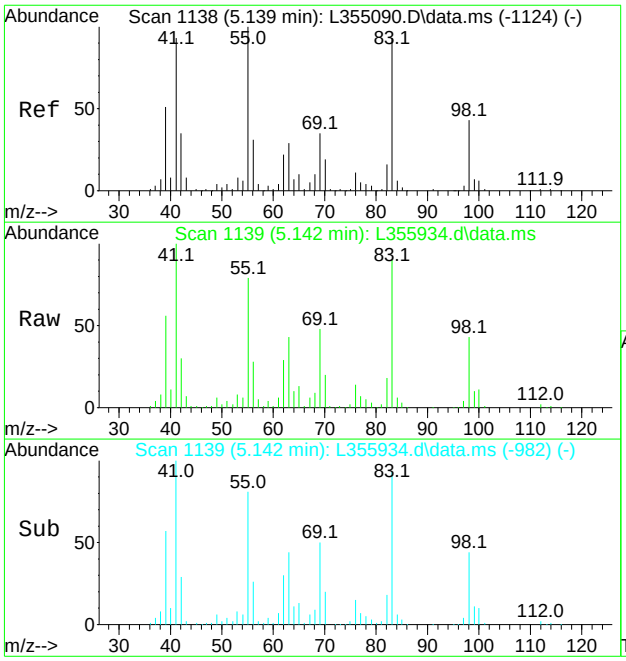


#64
1,2-dichloropropane
Concen: 40.9572 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 63 Resp: 159689

Ion	Ratio	Lower	Upper
63	100		
112	3.4	0.0	33.9
76	39.3	3.9	63.9

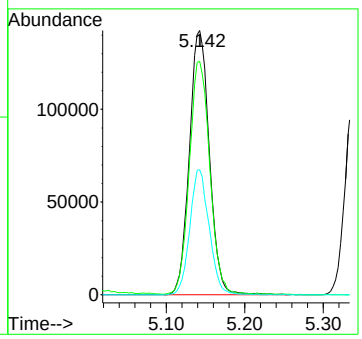


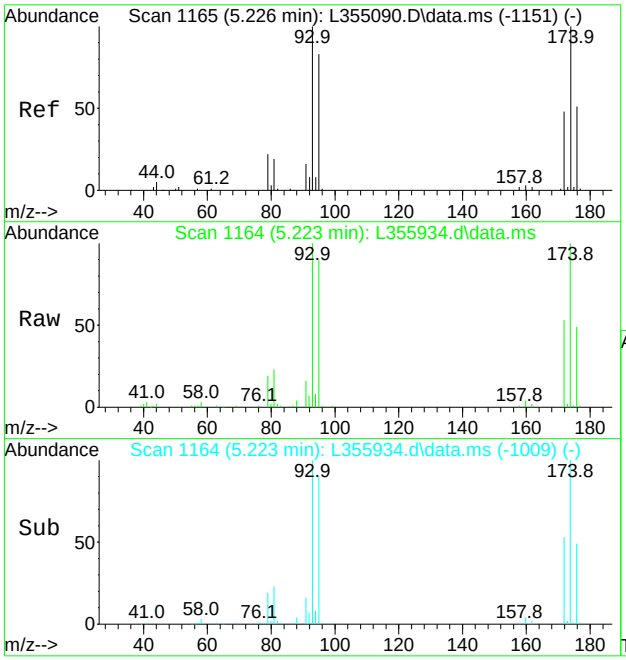


#65
methylcyclohexane
Concen: 42.9207 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 83 Resp: 252486

Ion	Ratio	Lower	Upper
83	100		
55	88.1	77.0	137.0
98	47.3	16.0	76.0

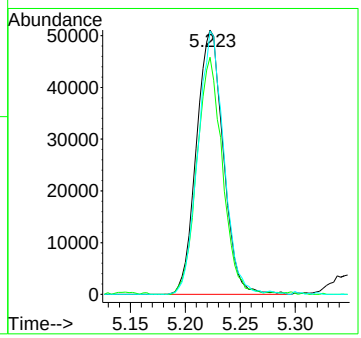


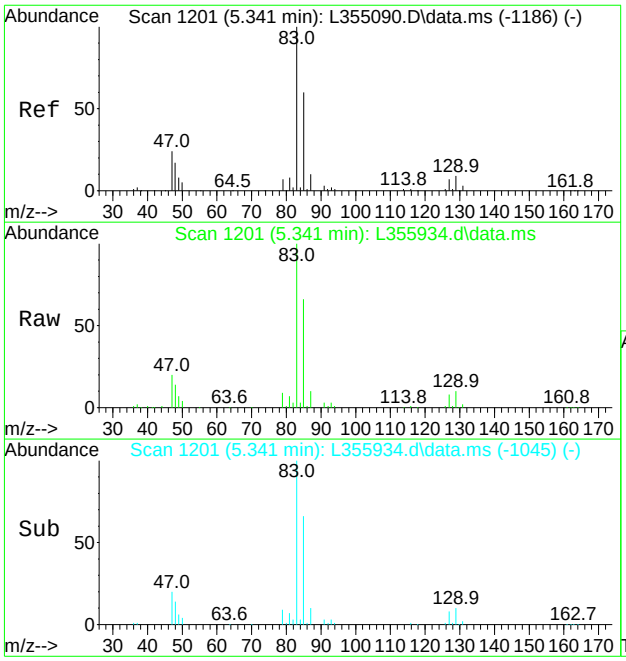


#66
dibromomethane
Concen: 45.5550 ug/L
RT: 5.223 min Scan# 1164
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 93 Resp: 86771

Ion	Ratio	Lower	Upper
93	100		
95	89.7	52.7	112.7
174	99.6	70.1	130.1

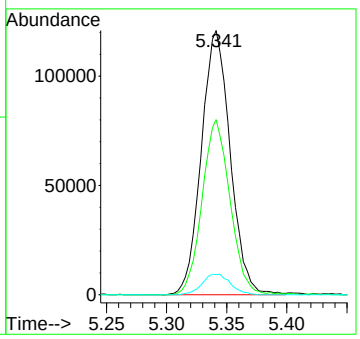


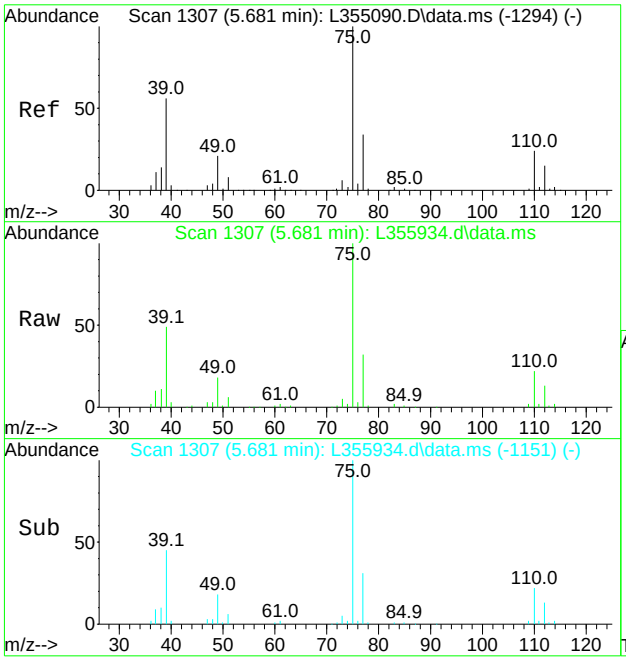


#67
bromodichloromethane
Concen: 44.6508 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 83 Resp: 201940

Ion	Ratio	Lower	Upper
83	100		
85	66.2	30.1	90.1
127	7.6	0.0	37.3

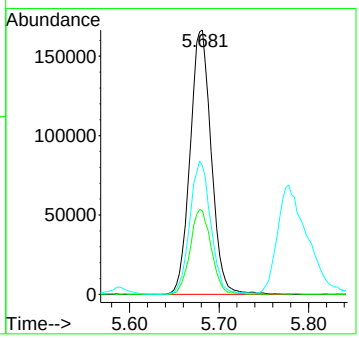


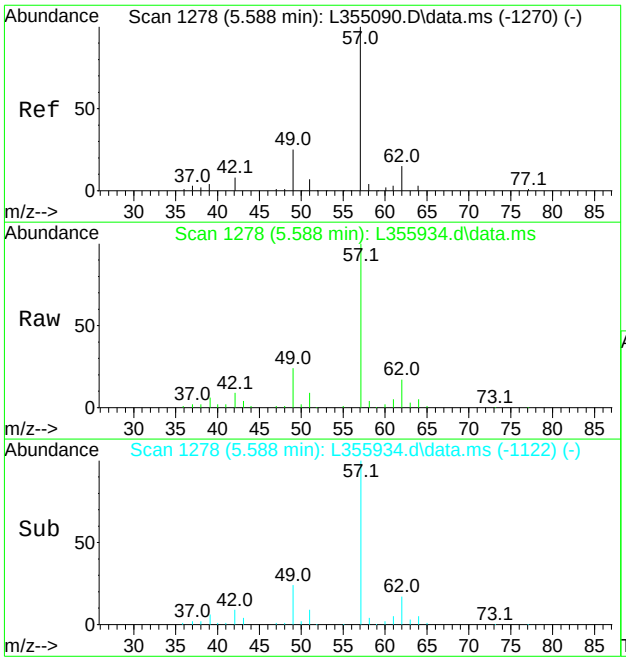


#68
cis-1,3-dichloropropene
Concen: 47.1372 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 75 Resp: 273556

Ion	Ratio	Lower	Upper
75	100		
77	31.6	4.0	64.0
39	48.5	25.8	85.8

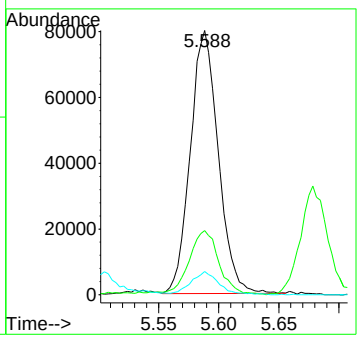


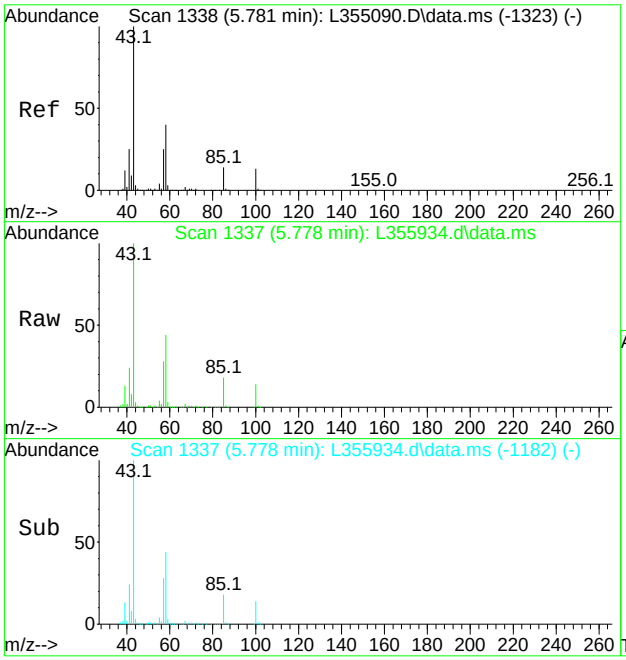


#69
epichlorohydrin
Concen: 249.9061 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 57 Resp: 129508

Ion	Ratio	Lower	Upper
57	100		
49	23.4	3.3	43.3
42	8.8	0.0	30.7

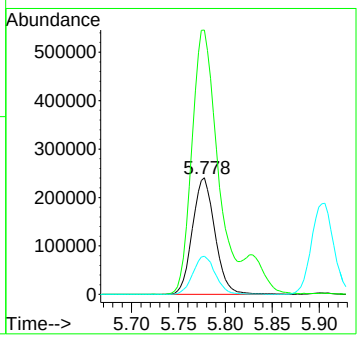


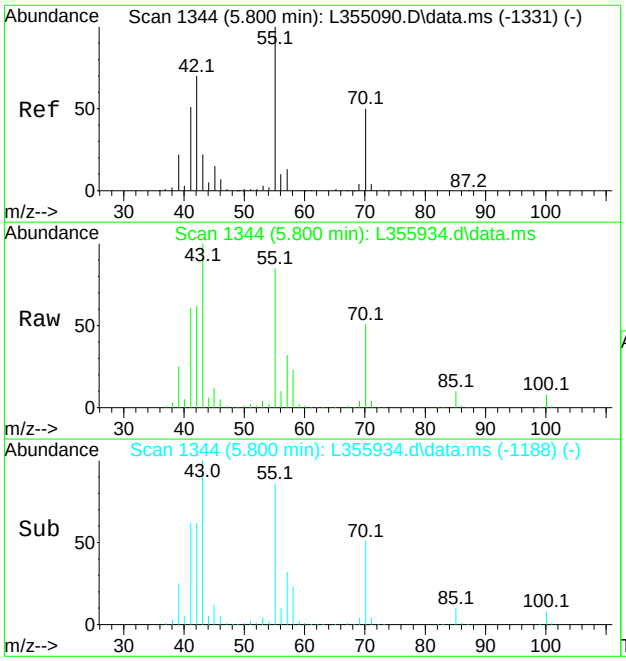


#70
4-methyl-2-pentanone
Concen: 188.4162 ug/L
RT: 5.778 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 58 Resp: 403156

Ion	Ratio	Lower	Upper
58	100		
43	226.8	227.9	267.9#
100	32.9	11.2	51.2

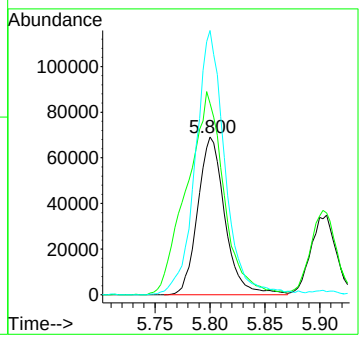


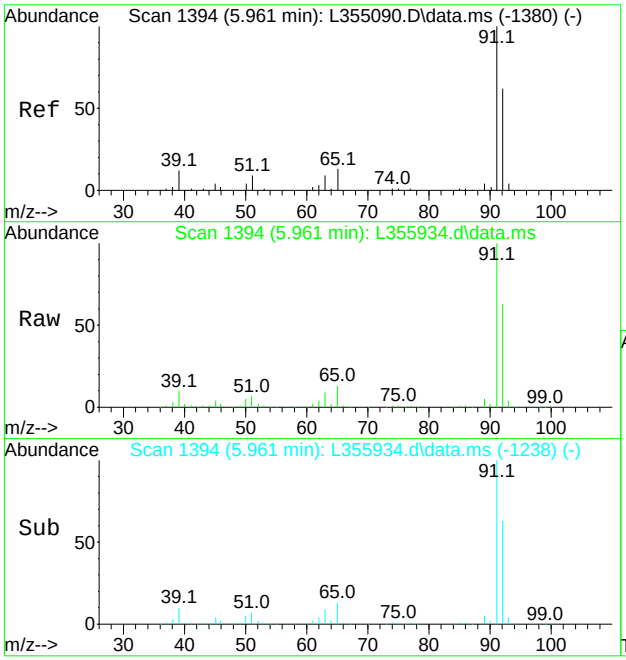


#71
3-methyl-1-butanol
Concen: 1288.9137 ug/L
RT: 5.800 min Scan# 1344
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 70 Resp: 118925

Ion	Ratio	Lower	Upper
70	100		
42	119.2	131.6	171.6#
55	165.1	180.2	220.2#

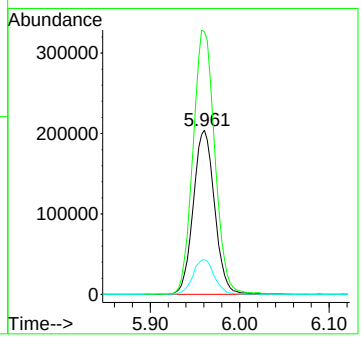


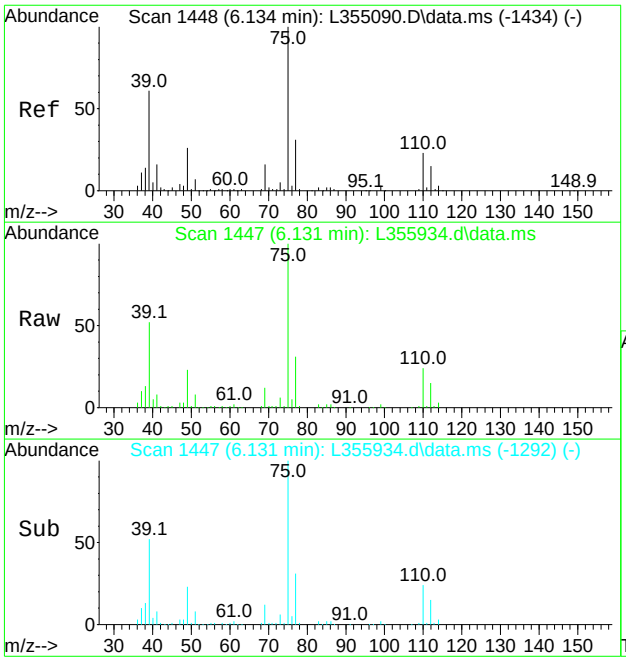


#74
toluene
Concen: 41.4143 ug/L
RT: 5.961 min Scan# 1394
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 92 Resp: 337347

Ion	Ratio	Lower	Upper
92	100		
91	159.8	130.7	190.7
65	21.2	0.0	51.2

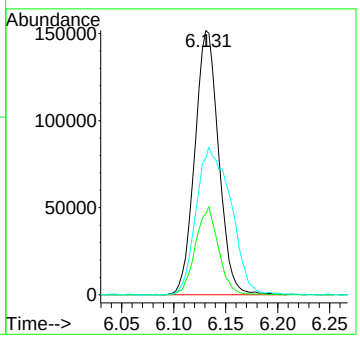


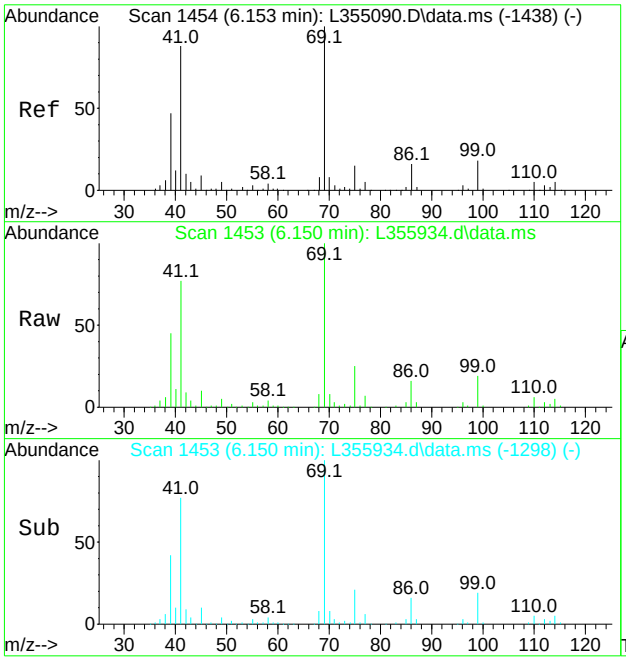


#75
trans-1,3-dichloropropene
Concen: 42.0386 ug/L
RT: 6.131 min Scan# 1447
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 75 Resp: 243428

Ion	Ratio	Lower	Upper
75	100		
77	30.7	1.0	61.0
39	51.8	30.8	90.8

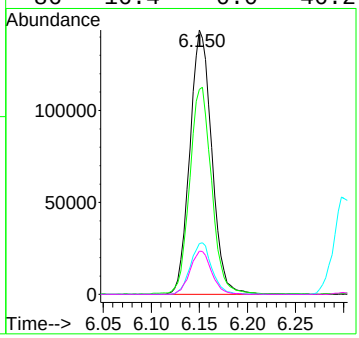


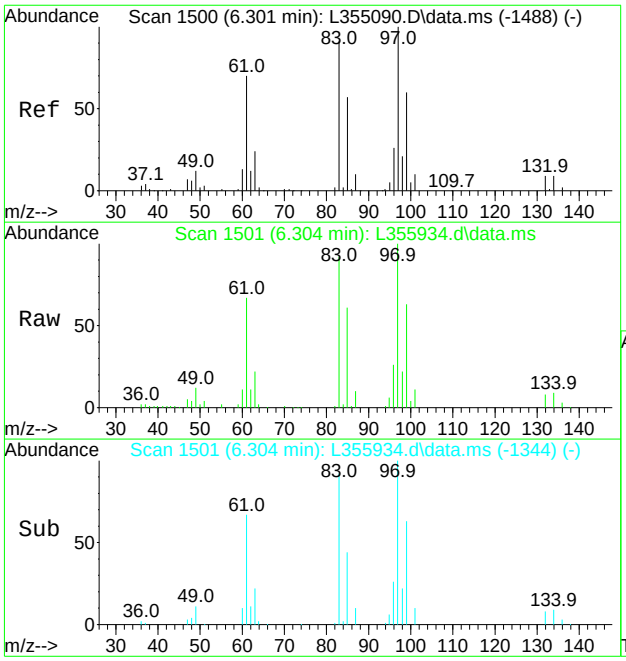


#76
ethyl methacrylate
Concen: 43.1277 ug/L
RT: 6.150 min Scan# 1453
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 69 Resp: 228430

Ion	Ratio	Lower	Upper
69	100		
41	77.2	57.6	117.6
99	19.2	0.0	48.5
86	16.4	0.0	46.2

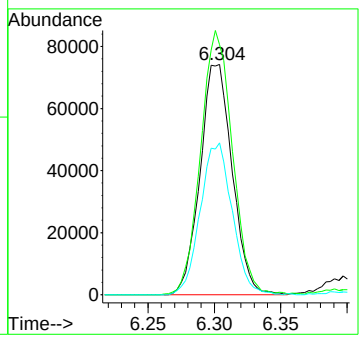


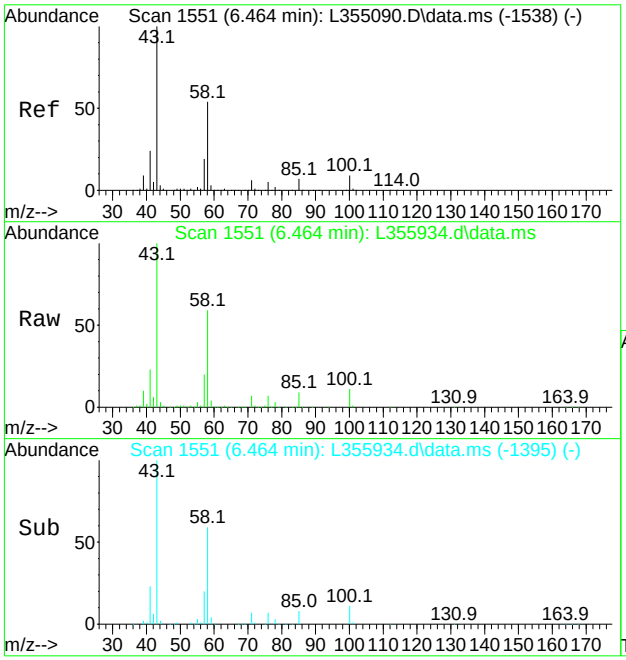


#77
1,1,2-trichloroethane
Concen: 43.4304 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 83 Resp: 124980

Ion	Ratio	Lower	Upper
83	100		
97	108.2	80.2	140.2
85	65.9	33.0	93.0

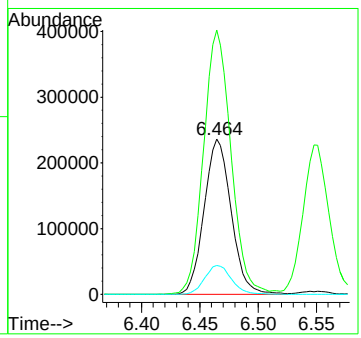


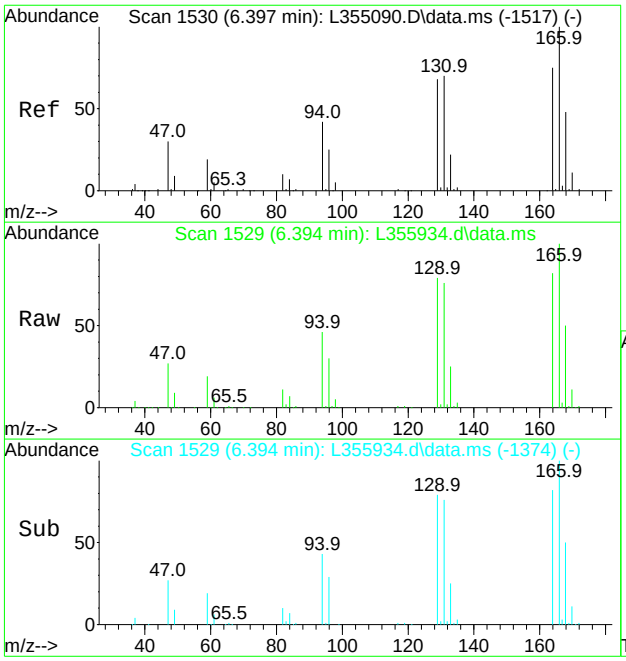


#78
2-hexanone
Concen: 160.0705 ug/L
RT: 6.464 min Scan# 1551
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 58 Resp: 381878

Ion	Ratio	Lower	Upper
58	100		
43	170.1	154.5	214.5
100	18.5	0.0	46.6

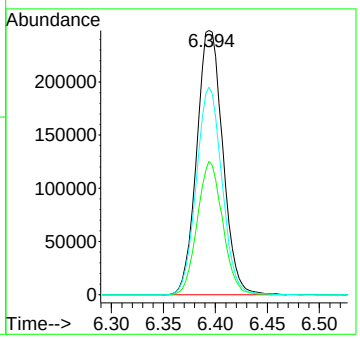


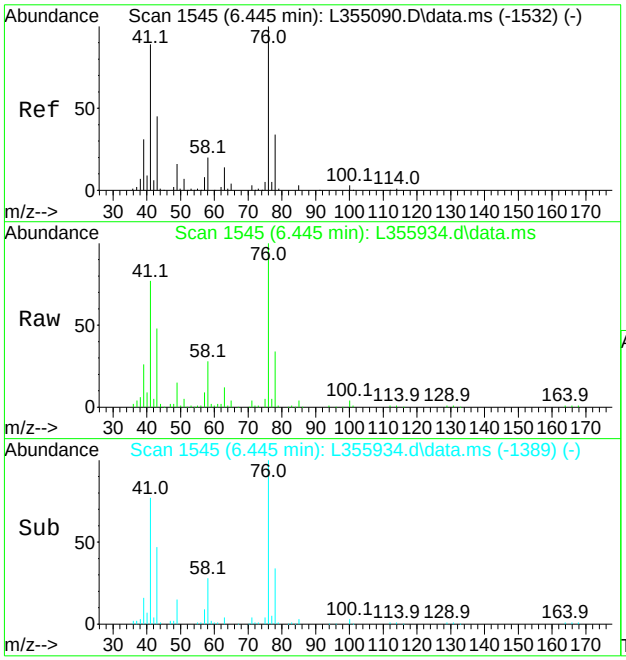


#79
tetrachloroethene
Concen: 128.0269 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:166 Resp: 435482

Ion	Ratio	Lower	Upper
166	100		
168	50.5	18.3	78.3
129	78.6	38.5	98.5

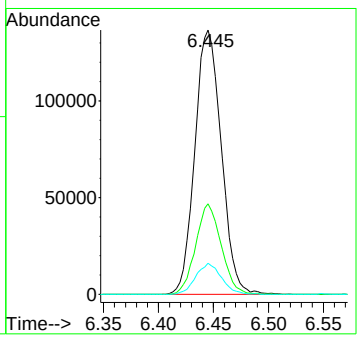


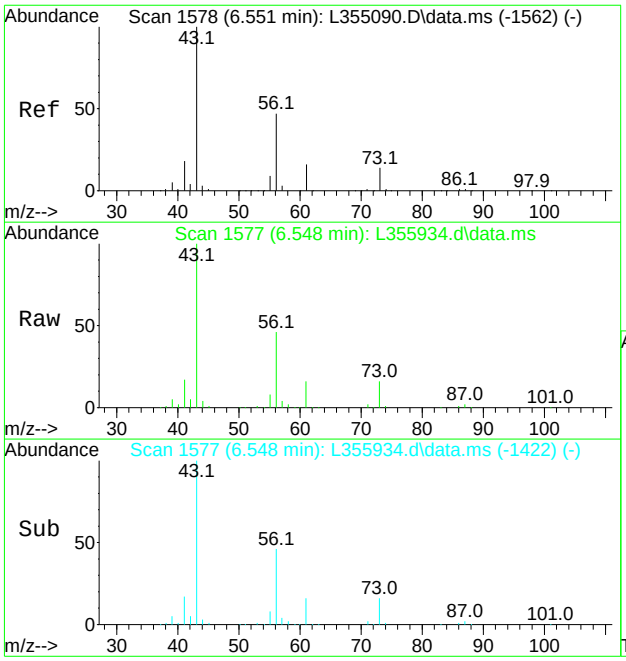


#80
1,3-dichloropropane
Concen: 40.6352 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 76 Resp: 228637

Ion	Ratio	Lower	Upper
76	100		
78	34.2	3.8	63.8
63	11.8	0.0	43.8

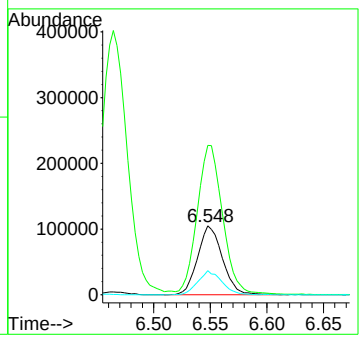


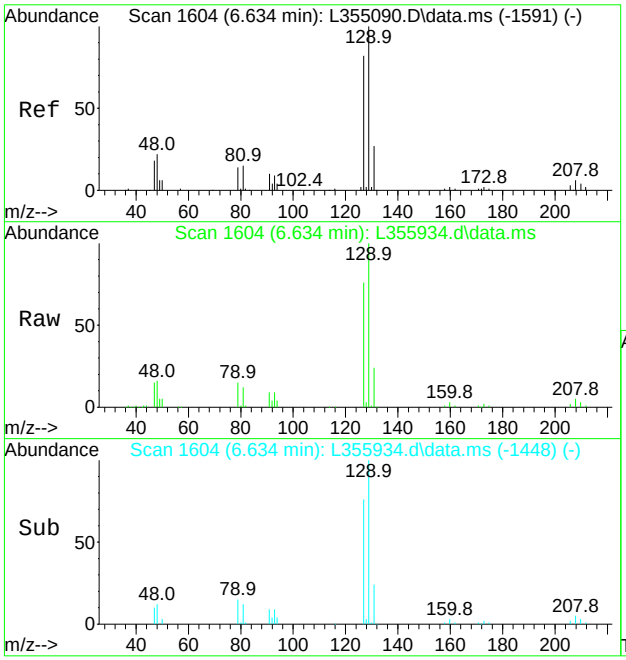


#81
butyl acetate
Concen: 41.8172 ug/L
RT: 6.548 min Scan# 1577
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 56 Resp: 159667

Ion	Ratio	Lower	Upper
56	100		
43	216.1	194.2	254.2
73	35.2	0.0	58.5

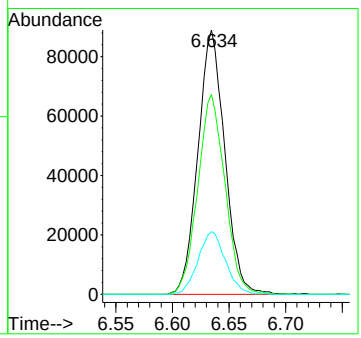


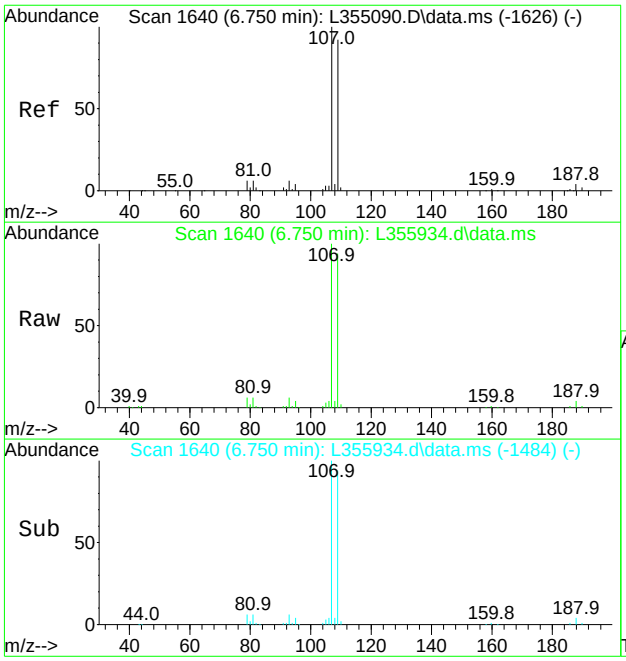


#82
dibromochloromethane
Concen: 42.3693 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:129 Resp: 146186

Ion	Ratio	Lower	Upper
129	100		
127	75.7	51.9	111.9
131	23.7	0.0	56.8

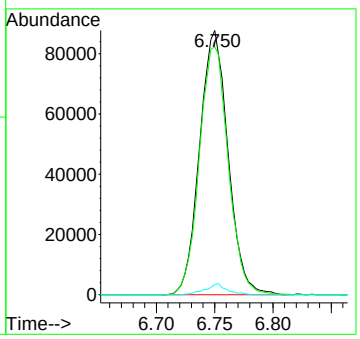


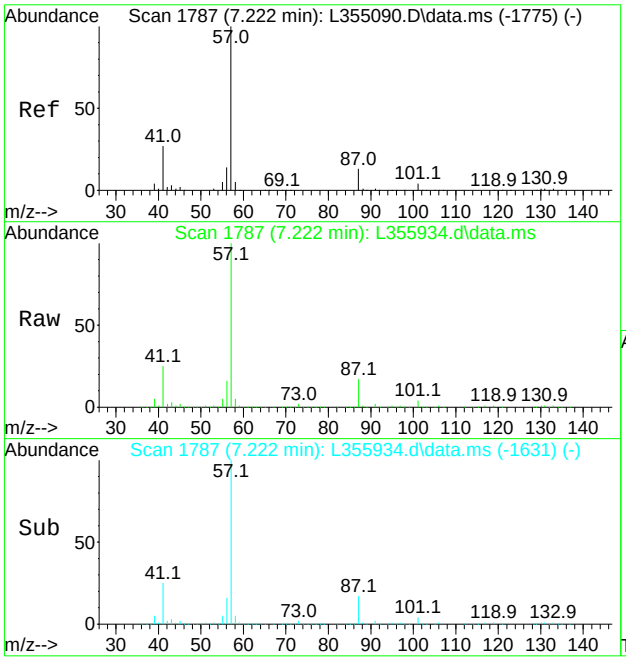


#83
1,2-dibromoethane
Concen: 43.8735 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:107 Resp: 149371

Ion	Ratio	Lower	Upper
107	100		
109	93.7	62.2	122.2
188	3.9	0.0	33.6

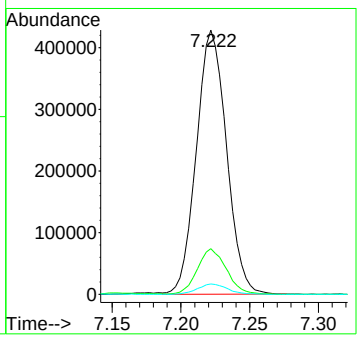


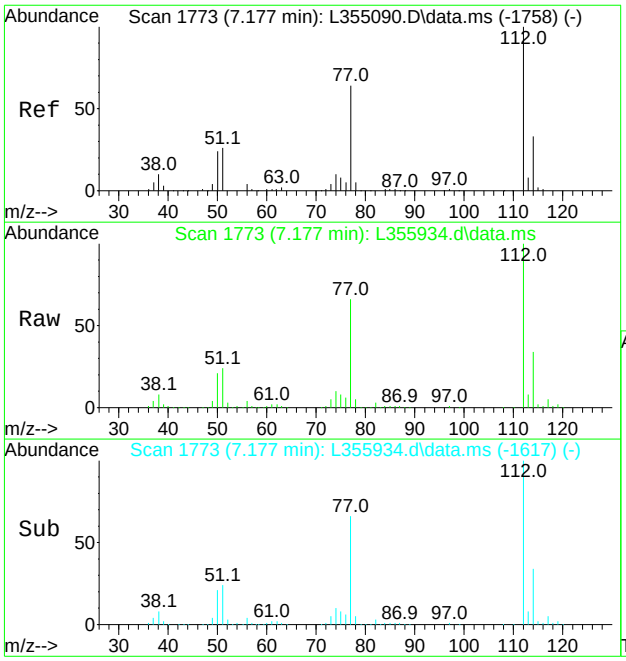


#84
n-butyl ether
Concen: 38.1998 ug/L
RT: 7.222 min Scan# 1787
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 57 Resp: 652978

Ion	Ratio	Lower	Upper
57	100		
87	17.4	0.0	43.5
101	3.9	0.0	33.5

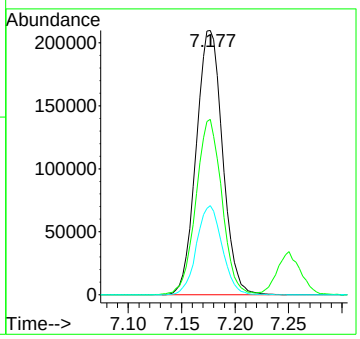


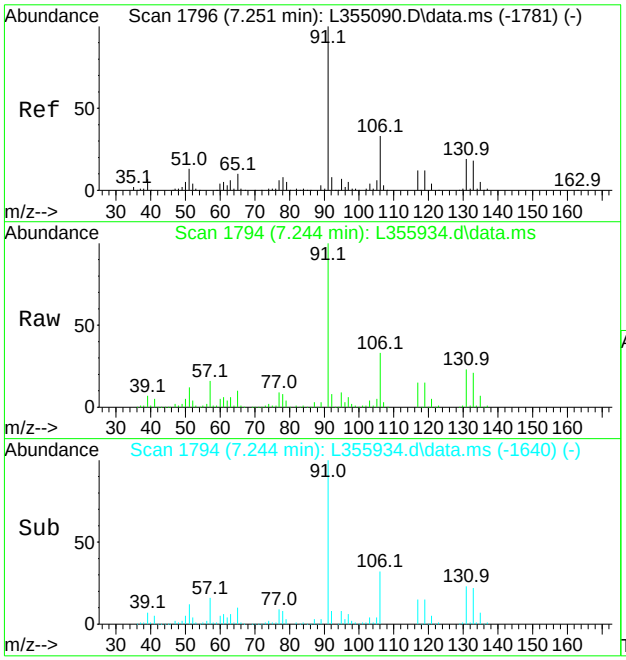


#85
chlorobenzene
Concen: 42.3936 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:112 Resp: 360529

Ion	Ratio	Lower	Upper
112	100		
77	65.9	34.0	94.0
114	33.7	2.8	62.8

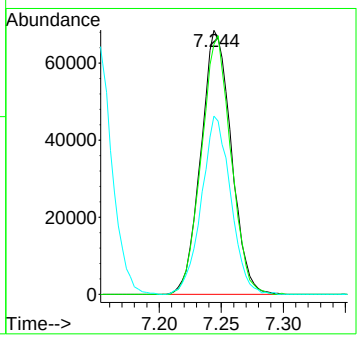


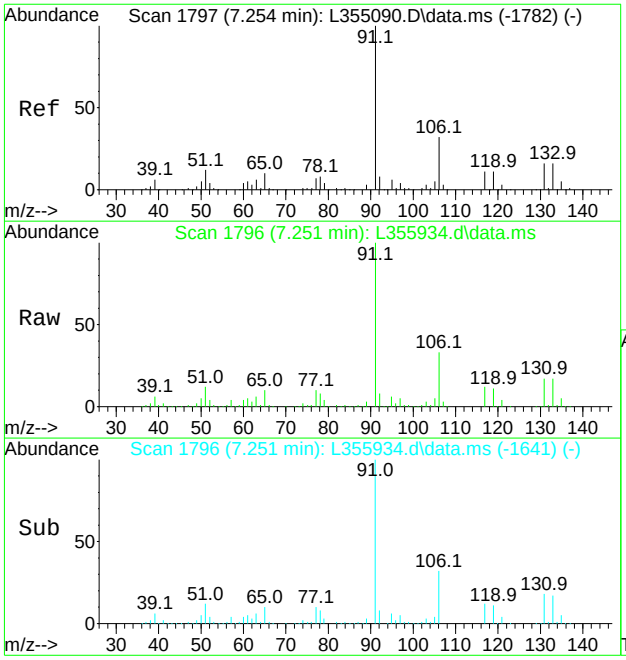


#86
1,1,1,2-tetrachloroethane
Concen: 39.5002 ug/L
RT: 7.244 min Scan# 1794
Delta R.T. -0.007 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:131 Resp: 116579

Ion	Ratio	Lower	Upper
131	100		
133	94.6	65.5	125.5
119	67.5	34.9	94.9

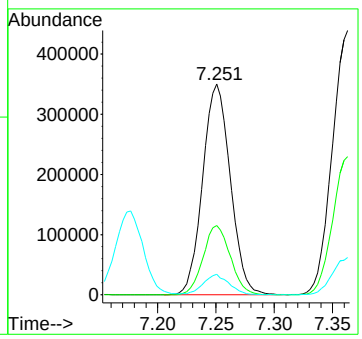


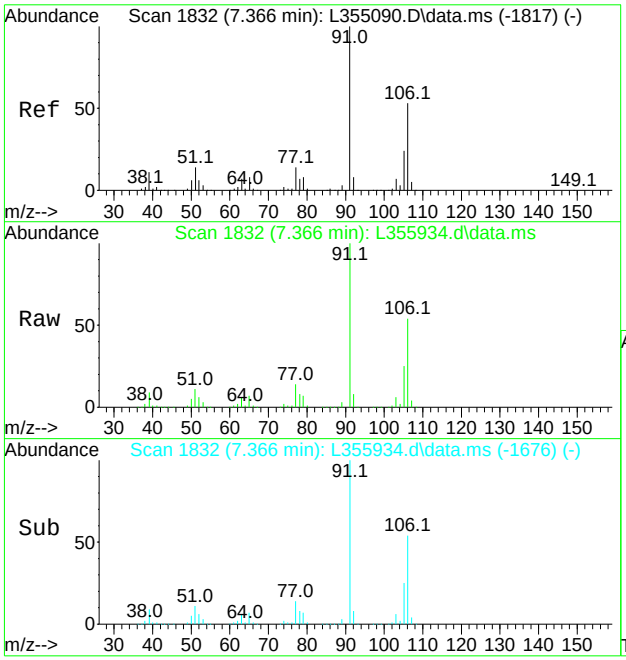


#87
ethylbenzene
Concen: 40.3154 ug/L
RT: 7.251 min Scan# 1796
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 91 Resp: 578981

Ion	Ratio	Lower	Upper
91	100		
106	32.8	1.8	61.8
77	9.8	0.0	38.8

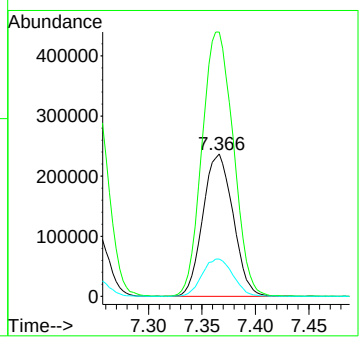


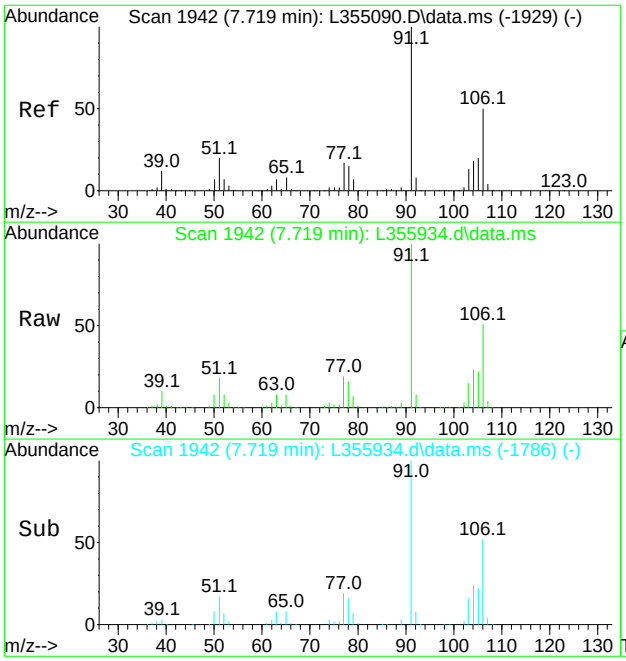


#88
m,p-xylene
Concen: 79.4798 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:106 Resp: 464041

Ion	Ratio	Lower	Upper
106	100		
91	185.9	158.2	218.2
77	26.3	6.9	46.9

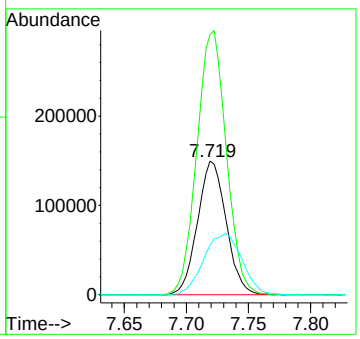


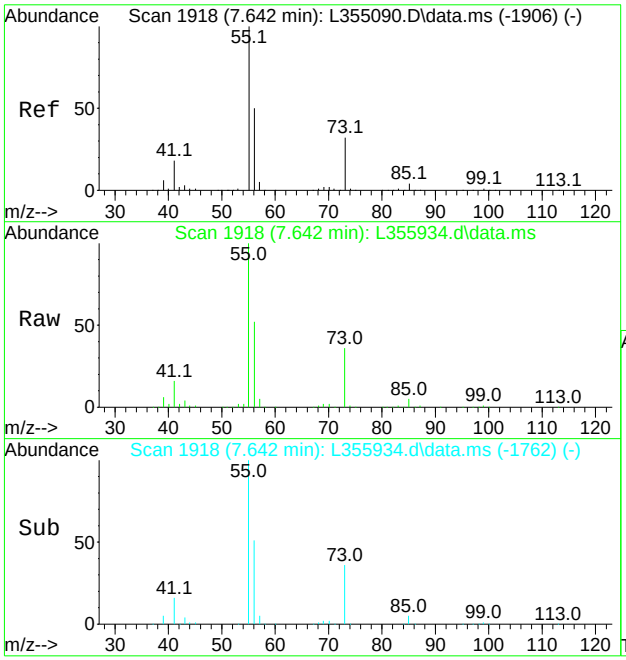


#89
o-xylene
Concen: 40.1832 ug/L
RT: 7.719 min Scan# 1942
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:106 Resp: 240300

Ion	Ratio	Lower	Upper
106	100		
91	194.5	170.0	230.0
77	37.1	14.0	54.0

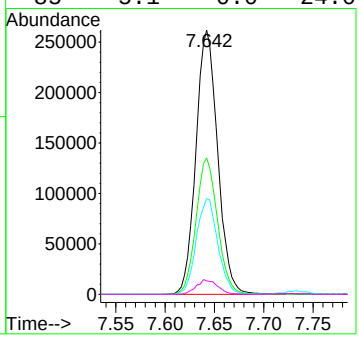


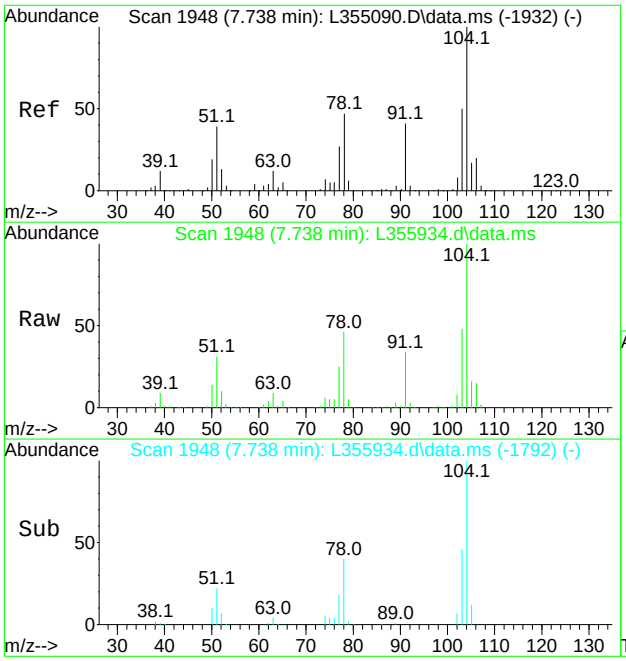


#90
butyl acrylate
Concen: 40.1444 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 55 Resp: 402225

Ion	Ratio	Lower	Upper
55	100		
56	51.6	30.4	70.4
73	36.3	11.9	51.9
85	5.1	0.0	24.0

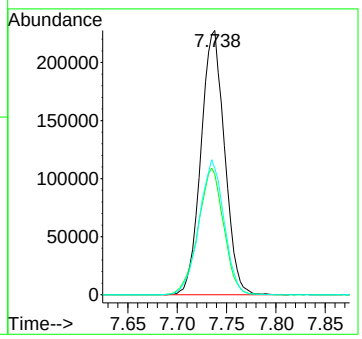


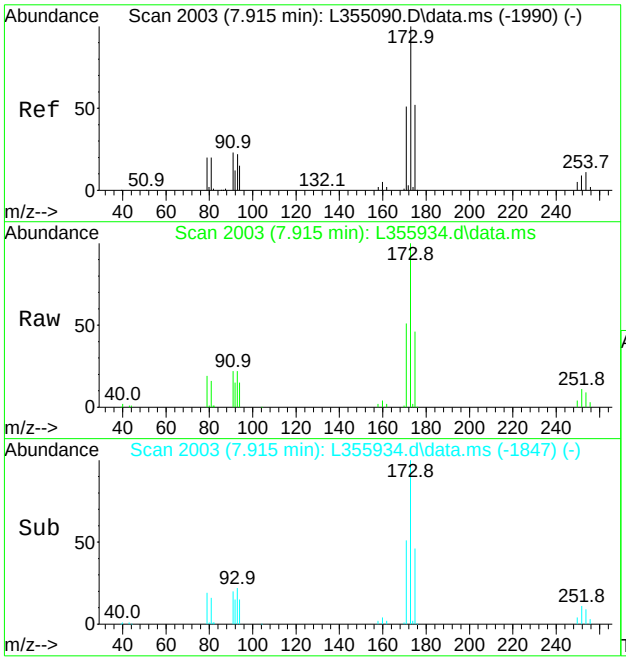


#91
styrene
Concen: 40.4447 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:104 Resp: 379464

Ion	Ratio	Lower	Upper
104	100		
78	45.6	17.3	77.3
103	47.8	19.8	79.8

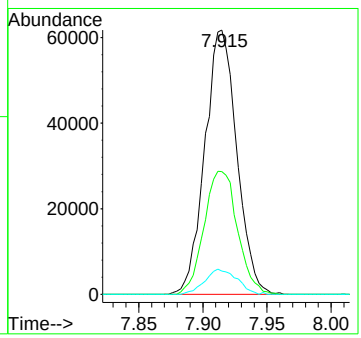


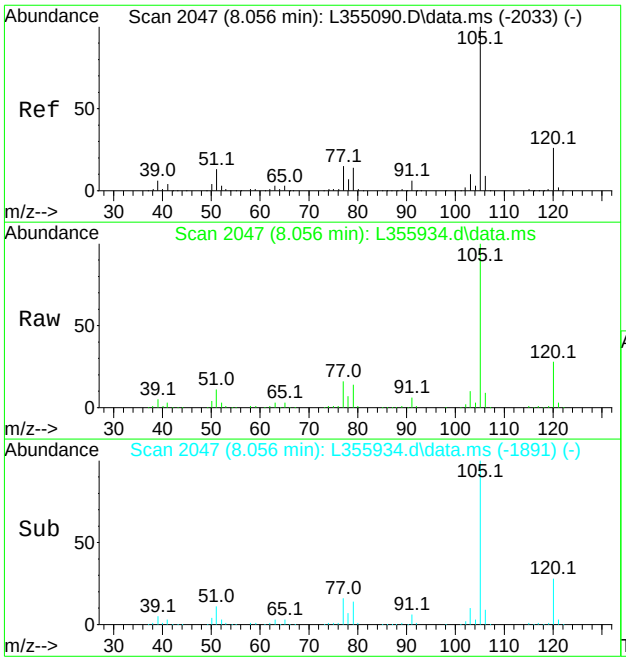


#92
bromoform
Concen: 42.1451 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:173 Resp: 107100

Ion	Ratio	Lower	Upper
173	100		
175	46.4	22.1	82.1
254	8.8	0.0	41.0

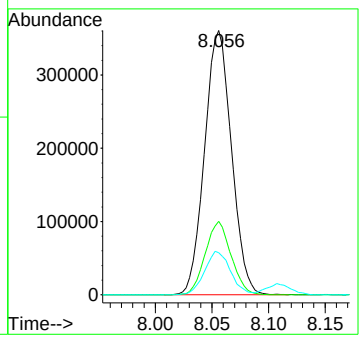


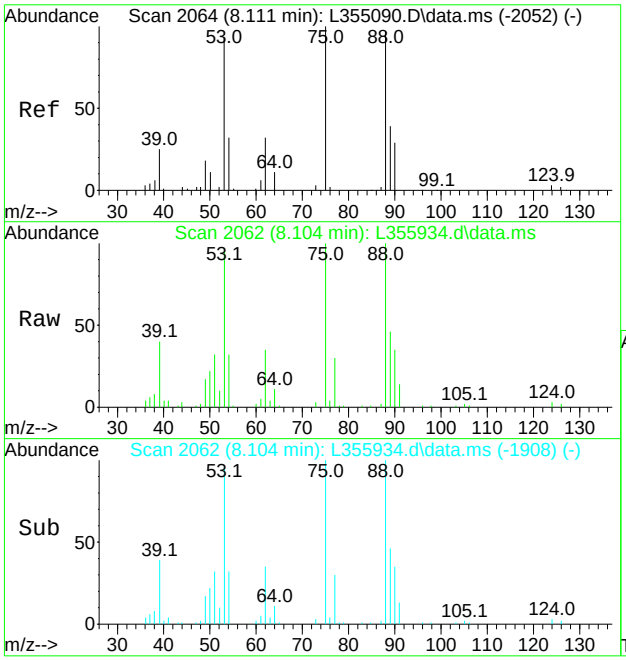


#93
isopropylbenzene
Concen: 39.9352 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:105 Resp: 594648

Ion	Ratio	Lower	Upper
105	100		
120	27.8	6.4	46.4
77	15.9	0.0	35.3

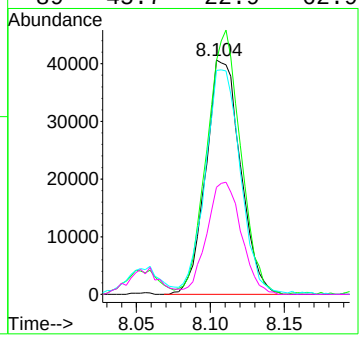


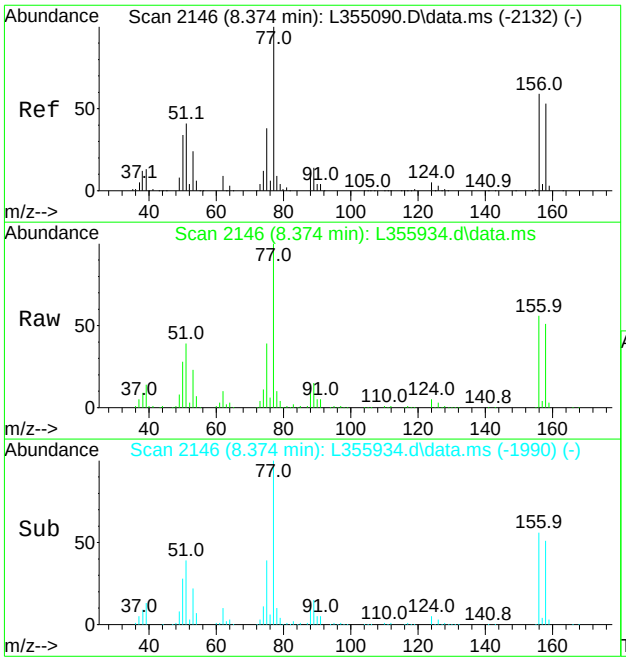


#94
cis-1,4-dichloro-2-butene
Concen: 39.8146 ug/L
RT: 8.104 min Scan# 2062
Delta R.T. -0.007 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 88 Resp: 65959

Ion	Ratio	Lower	Upper
88	100		
75	99.7	87.0	127.0
53	94.9	79.7	119.7
89	45.7	22.9	62.9

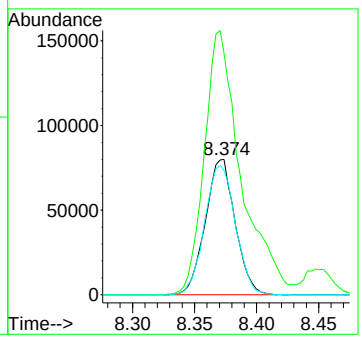


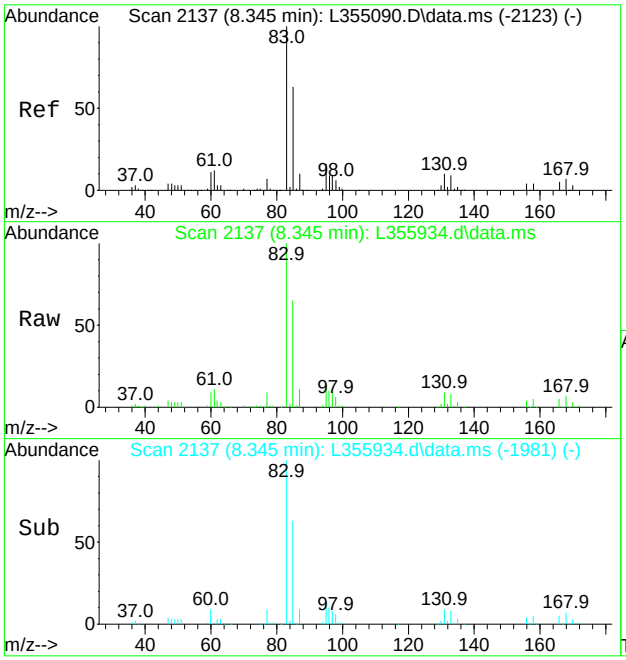


#97
bromobenzene
Concen: 45.0260 ug/L
RT: 8.374 min Scan# 2146
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:156 Resp: 133719

Ion	Ratio	Lower	Upper
156	100		
77	178.2	138.1	198.1
158	91.7	58.3	118.3

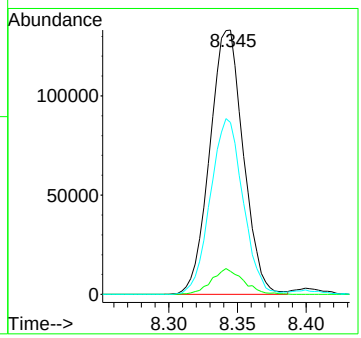


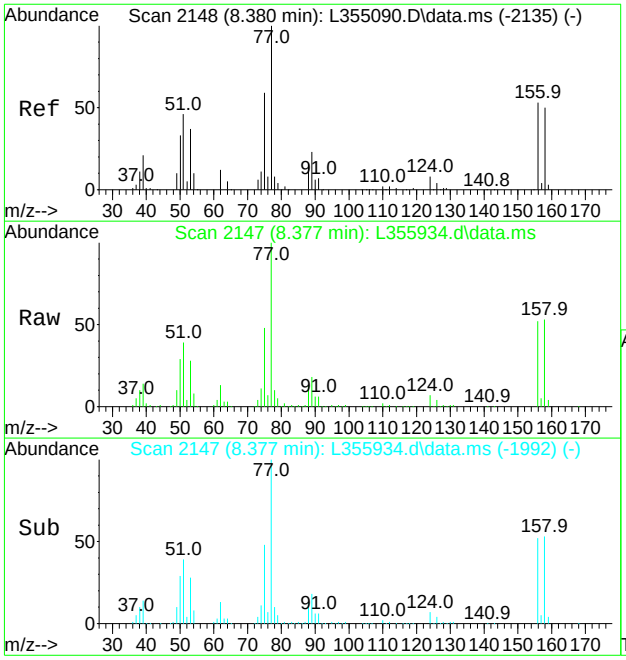


#98
1,1,2,2-tetrachloroethane
Concen: 52.2867 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 83 Resp: 225991

Ion	Ratio	Lower	Upper
83	100		
131	8.7	0.0	39.6
85	65.0	33.1	93.1

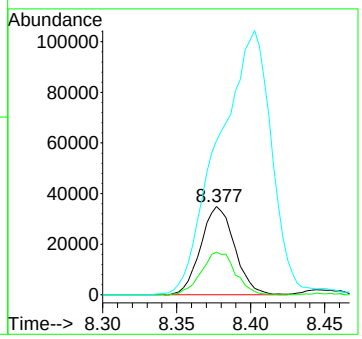


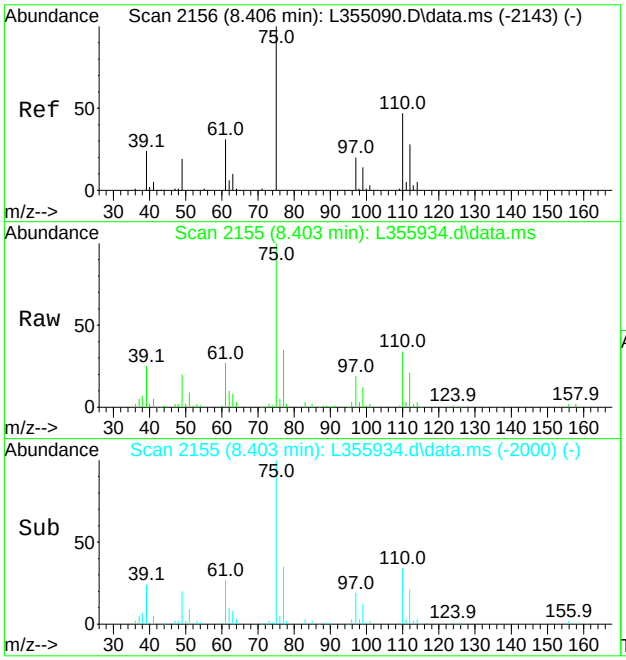


#99
trans-1,4-dichloro-2-butene
Concen: 40.0391 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 53 Resp: 55580

Ion	Ratio	Lower	Upper
53	100		
88	48.3	13.5	73.5
75	173.1	128.5	188.5

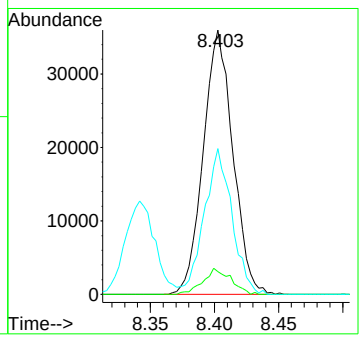


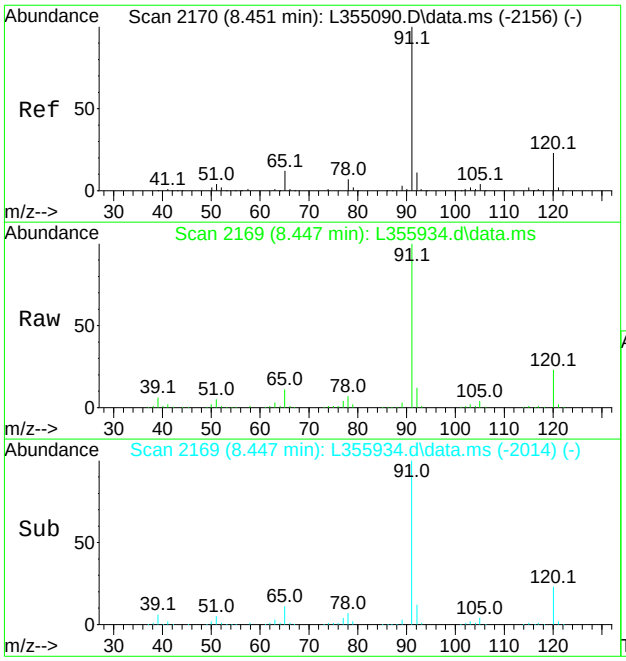


#100
1,2,3-trichloropropane
Concen: 50.0344 ug/L
RT: 8.403 min Scan# 2155
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:110 Resp: 57818

Ion	Ratio	Lower	Upper
110	100		
111	8.6	0.0	39.7
97	55.1	18.0	78.0

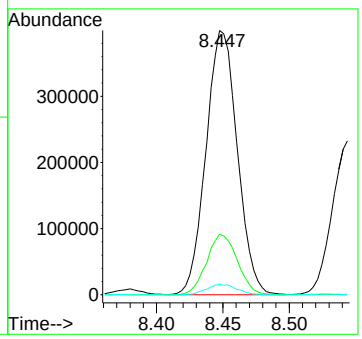


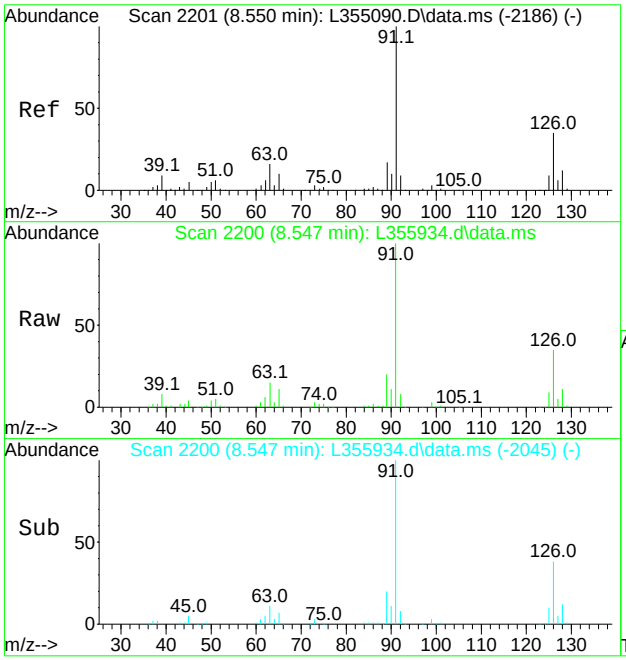


#101
n-propylbenzene
Concen: 43.6864 ug/L
RT: 8.447 min Scan# 2169
Delta R.T. -0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 91 Resp: 655215

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	53.4
105	3.9	0.0	34.1

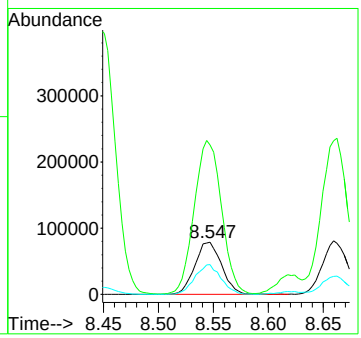


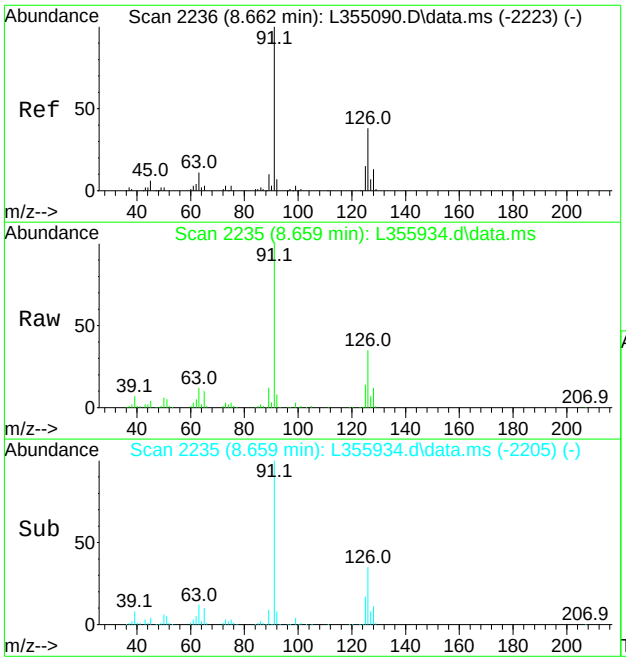


#102
2-chlorotoluene
Concen: 45.7823 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:126 Resp: 133574

Ion	Ratio	Lower	Upper
126	100		
91	285.4	258.6	318.6
89	57.4	18.8	78.8

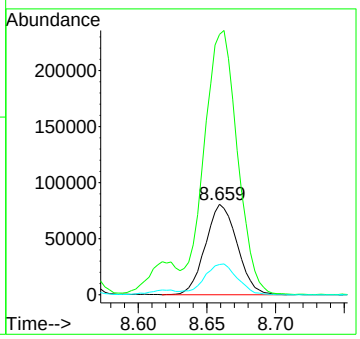


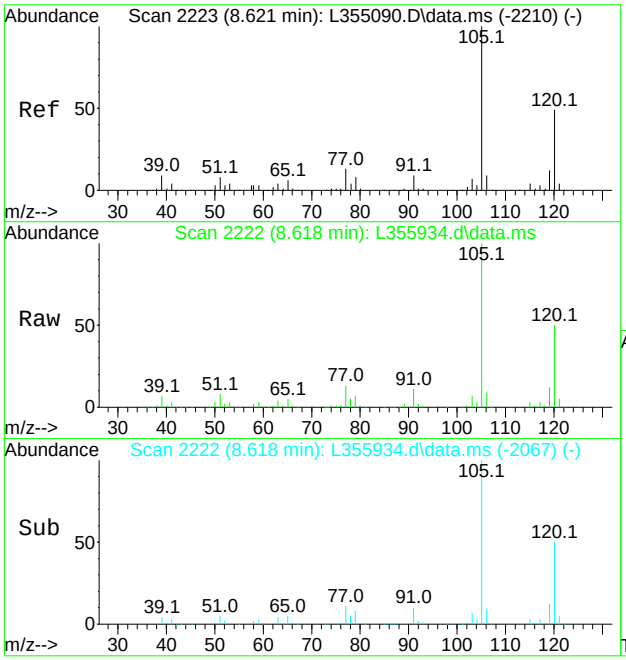


#103
4-chlorotoluene
Concen: 45.9935 ug/L
RT: 8.659 min Scan# 2235
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:126 Resp: 130004

Ion	Ratio	Lower	Upper
126	100		
91	286.5	272.7	332.7
89	33.4	2.4	62.4

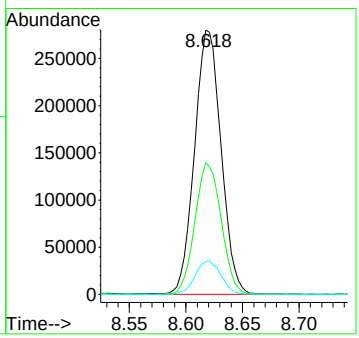


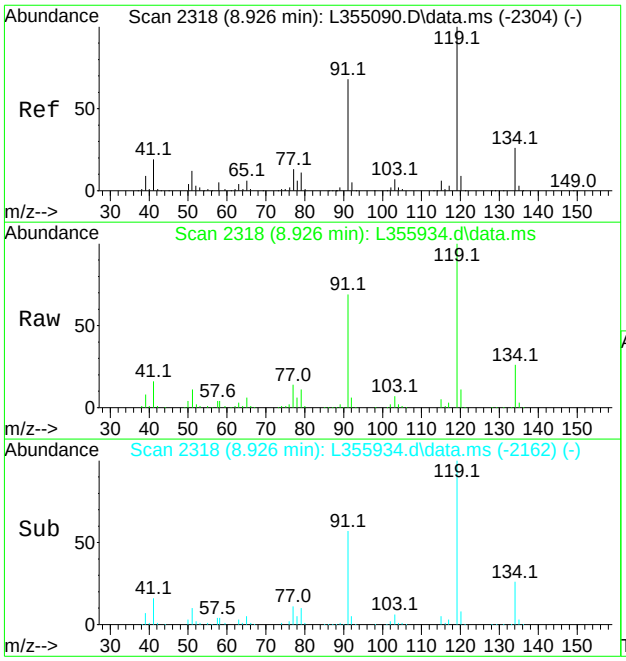


#104
1,3,5-trimethylbenzene
Concen: 43.1895 ug/L
RT: 8.618 min Scan# 2222
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:105 Resp: 456563

Ion	Ratio	Lower	Upper
105	100		
120	49.8	19.0	79.0
119	12.5	0.0	42.2

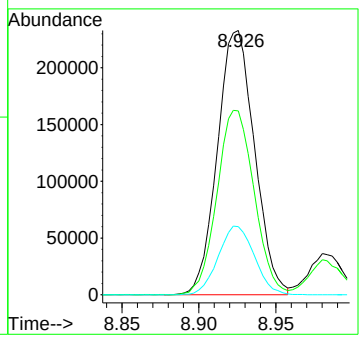


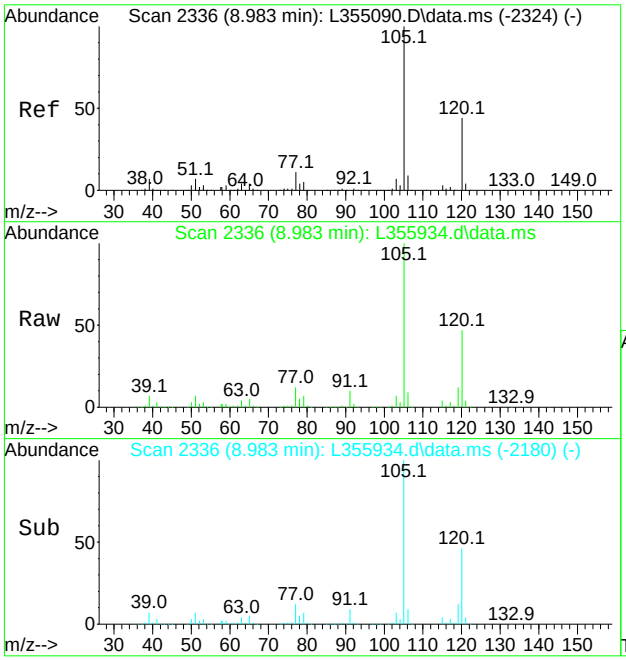


#105
tert-butylbenzene
Concen: 44.3602 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:119 Resp: 391710

Ion	Ratio	Lower	Upper
119	100		
91	69.4	38.0	98.0
134	25.8	0.0	56.2

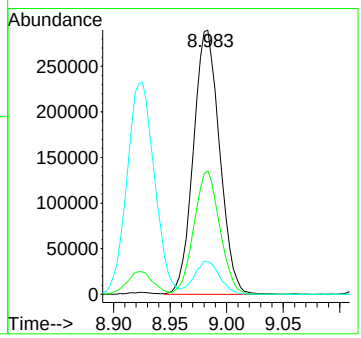


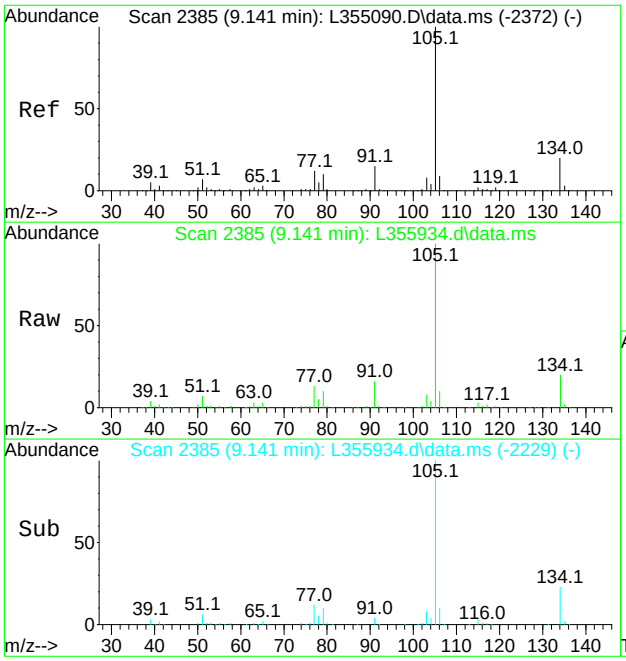


#106
1,2,4-trimethylbenzene
Concen: 44.1306 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:105 Resp: 466271

Ion	Ratio	Lower	Upper
105	100		
120	46.6	15.8	75.8
119	12.2	0.0	42.1

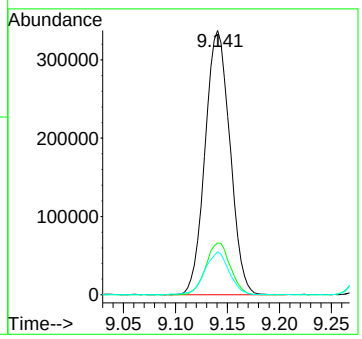


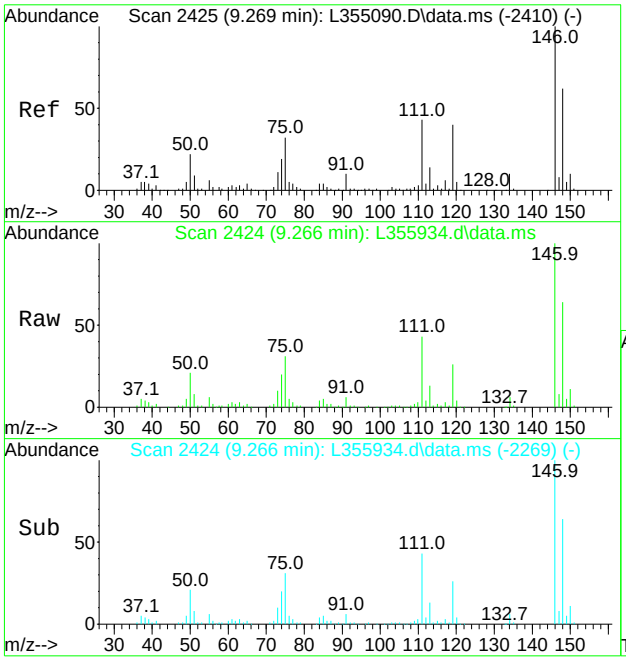


#107
sec-butylbenzene
Concen: 43.5745 ug/L
RT: 9.141 min Scan# 2385
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:105 Resp: 562004

Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	50.4
91	16.2	0.0	45.4

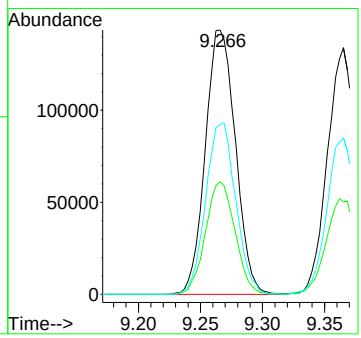


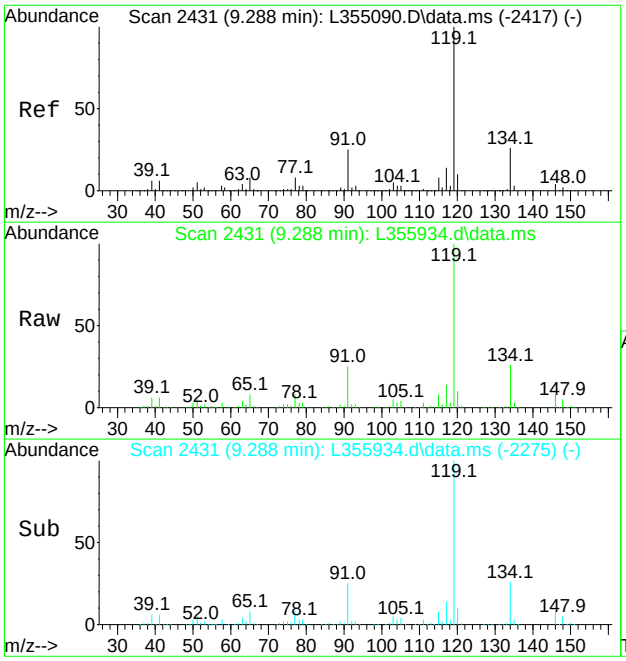


#108
1,3-dichlorobenzene
Concen: 47.1257 ug/L
RT: 9.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:146 Resp: 242820

Ion	Ratio	Lower	Upper
146	100		
111	42.7	13.1	73.1
148	64.4	32.4	92.4

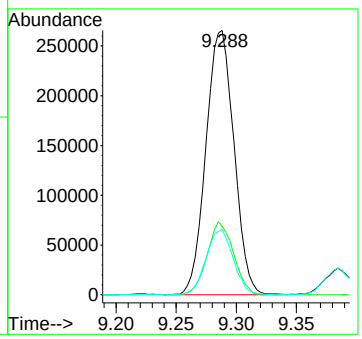


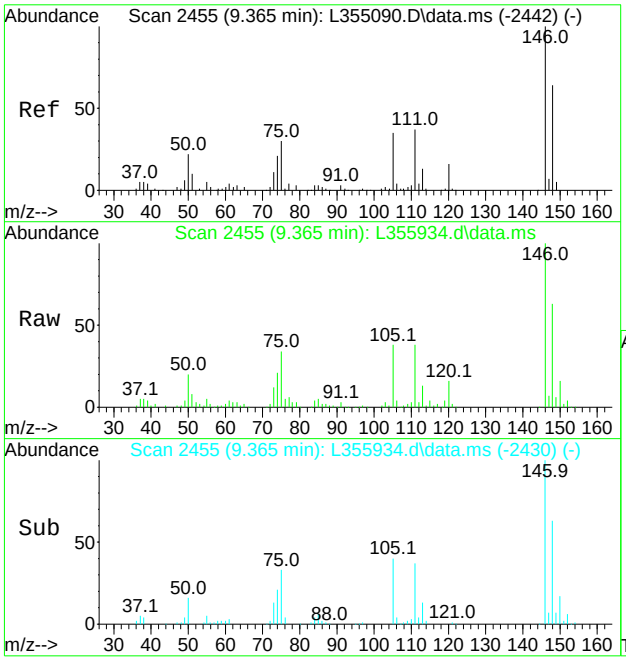


#109
p-isopropyltoluene
Concen: 43.4579 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:119 Resp: 431451

Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	56.2
91	24.8	0.0	55.0

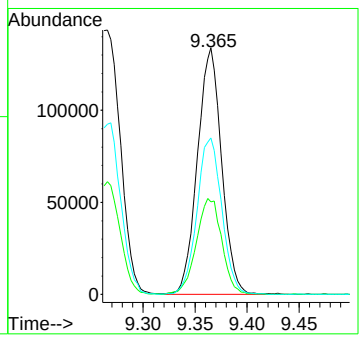


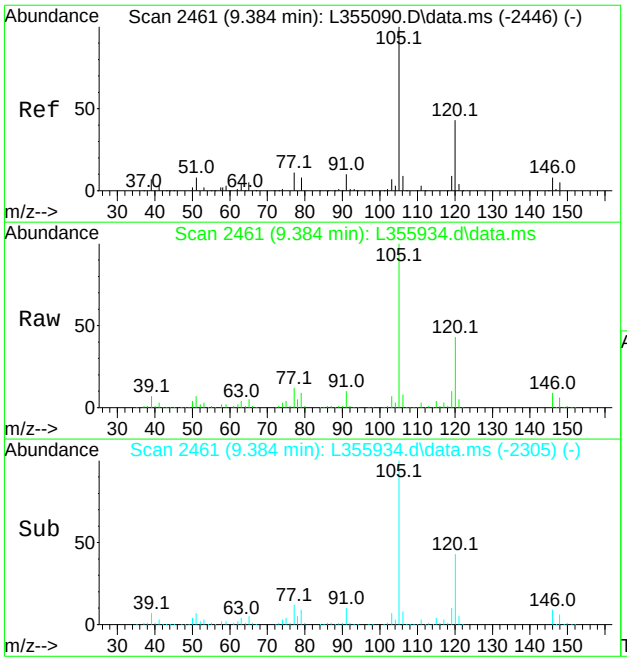


#110
1,4-dichlorobenzene
Concen: 46.5233 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:146 Resp: 217677

Ion	Ratio	Lower	Upper
146	100		
111	37.5	7.6	67.6
148	63.4	33.7	93.7

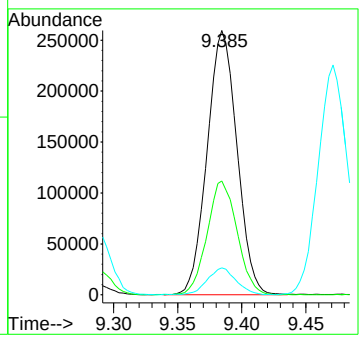


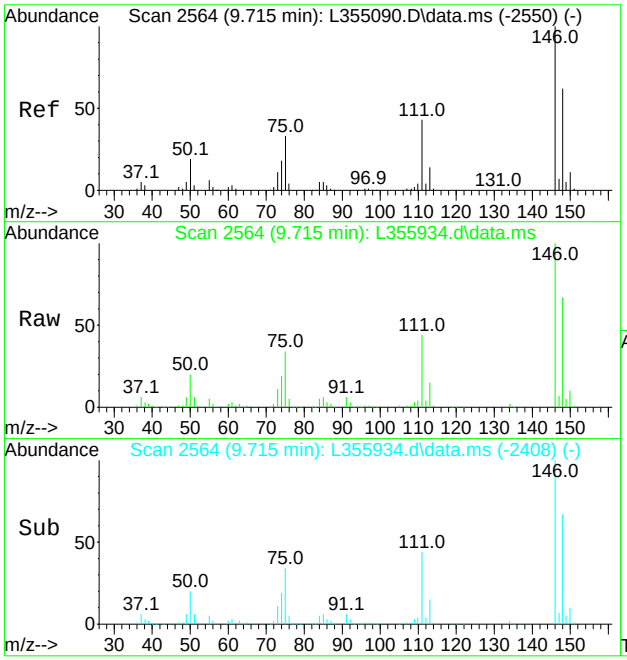


#111
1,2,3-trimethylbenzene
Concen: 43.8122 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:105 Resp: 420507

Ion	Ratio	Lower	Upper
105	100		
120	42.9	13.0	73.0
91	10.0	0.0	39.8

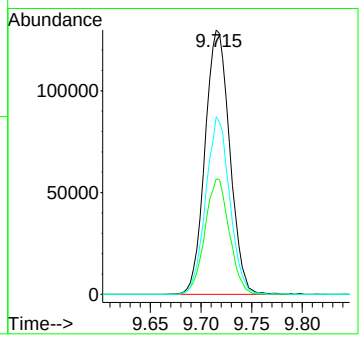


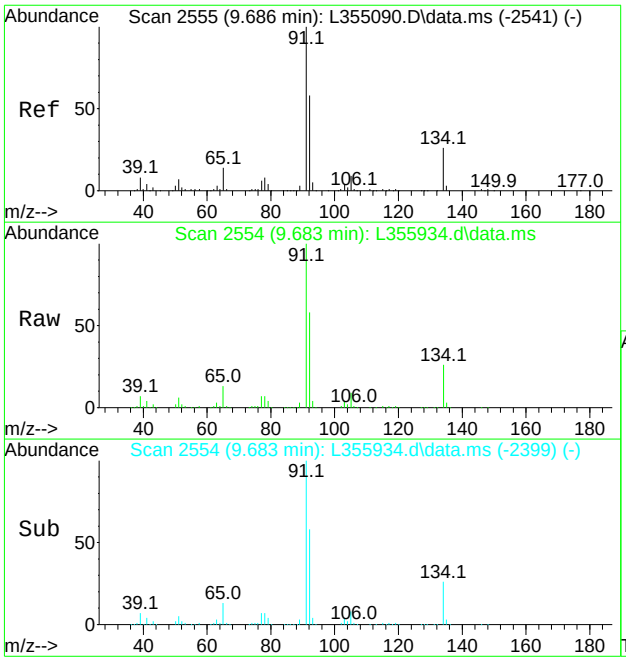


#112
1,2-dichlorobenzene
Concen: 46.4338 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:146 Resp: 221076

Ion	Ratio	Lower	Upper
146	100		
111	43.7	13.0	73.0
148	67.2	32.1	92.1

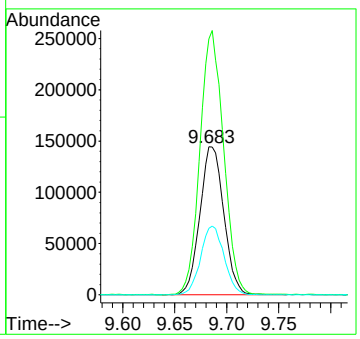


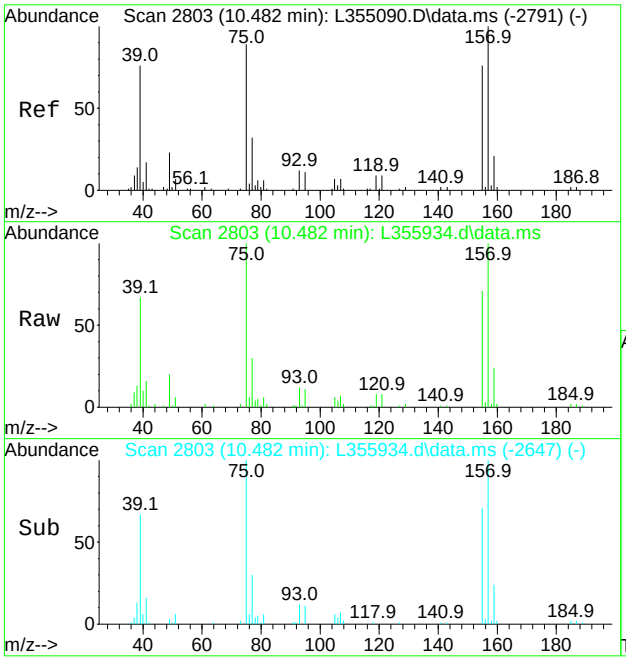


#113
n-butylbenzene
Concen: 46.6981 ug/L
RT: 9.683 min Scan# 2554
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 92 Resp: 231615

Ion	Ratio	Lower	Upper
92	100		
91	172.7	141.2	201.2
134	44.9	14.9	74.9

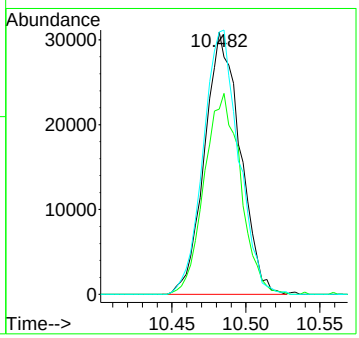


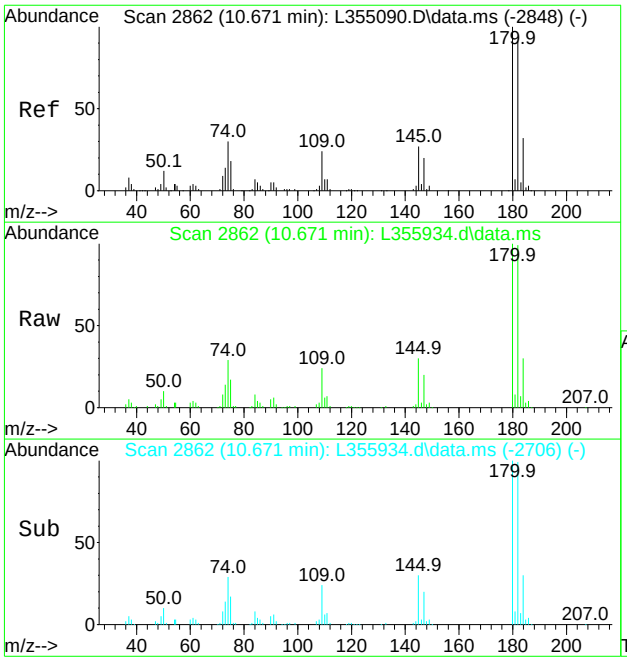


#114
1,2-dibromo-3-chloropropane
Concen: 55.5096 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:157 Resp: 51497

Ion	Ratio	Lower	Upper
157	100		
155	70.6	46.0	106.0
75	100.0	58.9	118.9

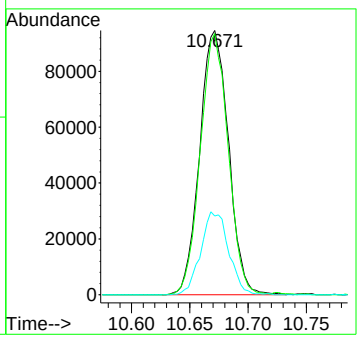


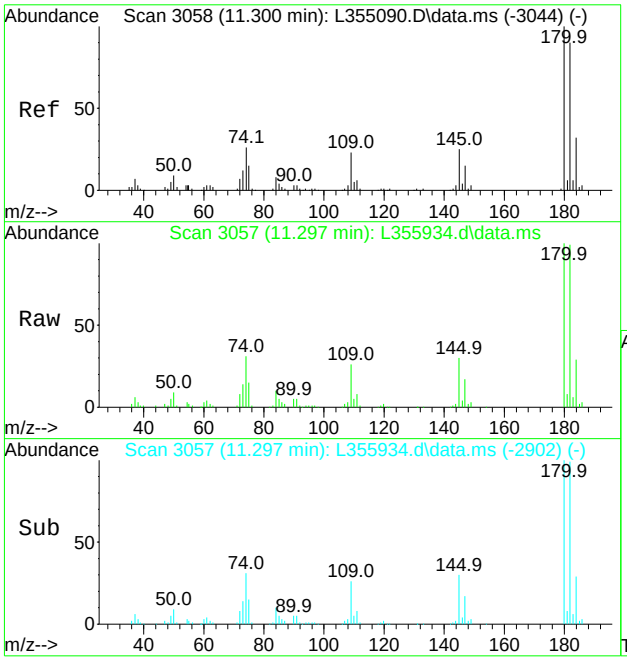


#115
1,3,5-trichlorobenzene
Concen: 51.1954 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:180 Resp: 163232

Ion	Ratio	Lower	Upper
180	100		
182	98.8	61.0	121.0
184	29.8	1.5	61.5

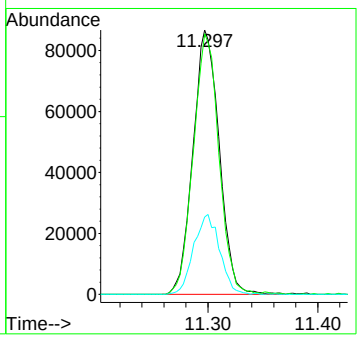


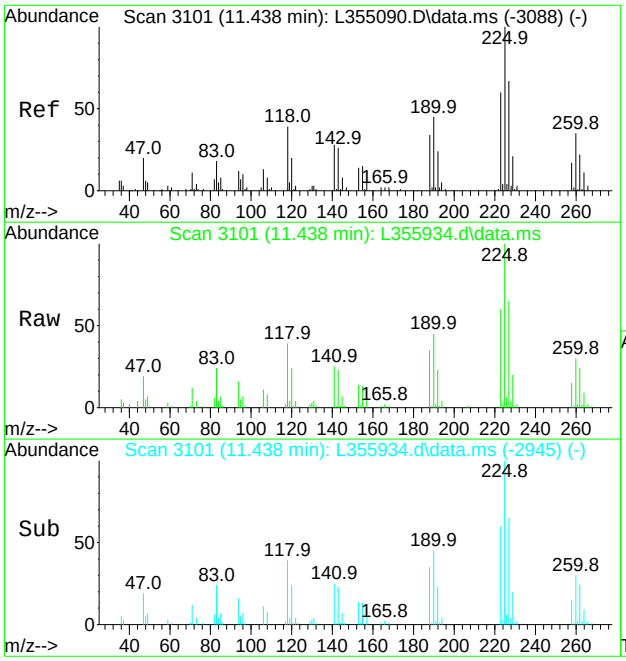


#116
1,2,4-trichlorobenzene
Concen: 55.5198 ug/L
RT: 11.297 min Scan# 3057
Delta R.T. -0.003 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:180 Resp: 144071

Ion	Ratio	Lower	Upper
180	100		
182	98.6	59.8	119.8
184	29.3	1.8	61.8

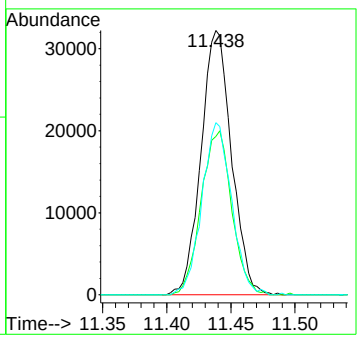


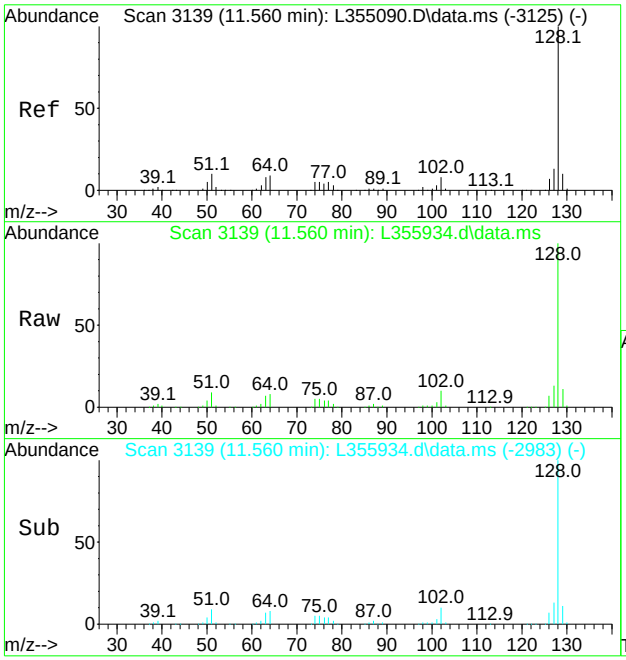


#117
hexachlorobutadiene
Concen: 44.3773 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:225 Resp: 53352

Ion	Ratio	Lower	Upper
225	100		
223	59.9	30.5	90.5
227	65.1	37.2	97.2

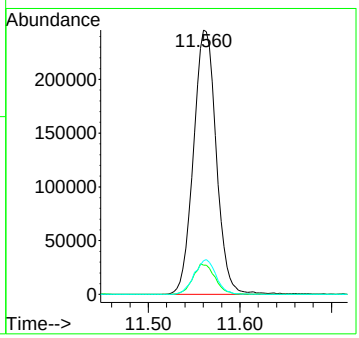


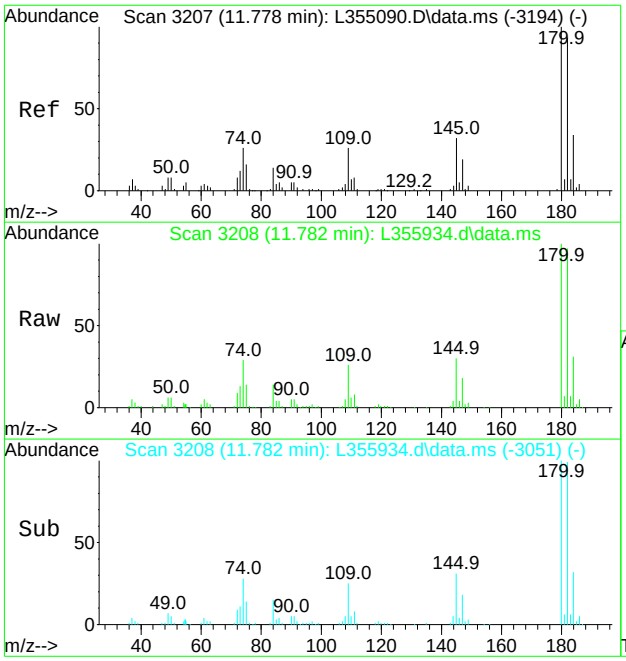


#118
naphthalene
Concen: 59.7798 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:128 Resp: 424761

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	40.2
127	12.7	0.0	43.0

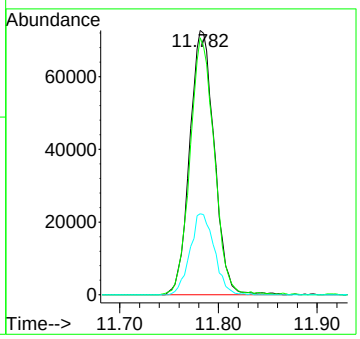


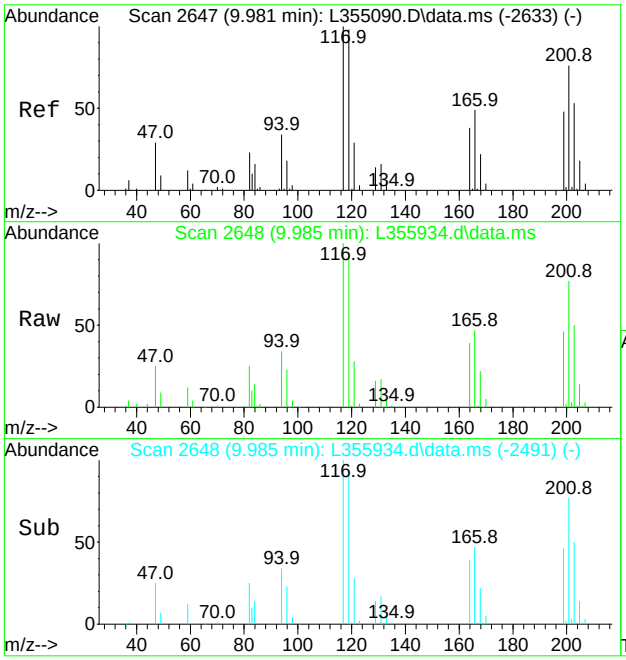


#119
1,2,3-trichlorobenzene
Concen: 56.6052 ug/L
RT: 11.782 min Scan# 3208
Delta R.T. 0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:180 Resp: 125717

Ion	Ratio	Lower	Upper
180	100		
182	96.8	63.1	123.1
184	30.6	3.8	63.8

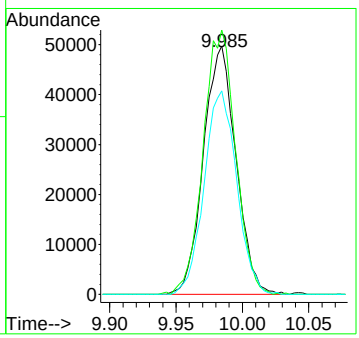


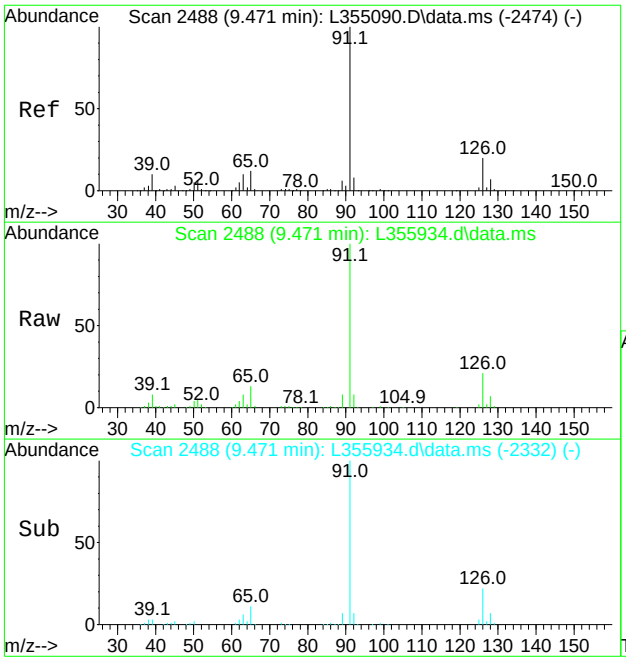


#120
hexachloroethane
Concen: 44.4338 ug/L
RT: 9.985 min Scan# 2648
Delta R.T. 0.004 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:119 Resp: 84908

Ion	Ratio	Lower	Upper
119	100		
117	106.1	71.9	131.9
201	82.0	47.2	107.2

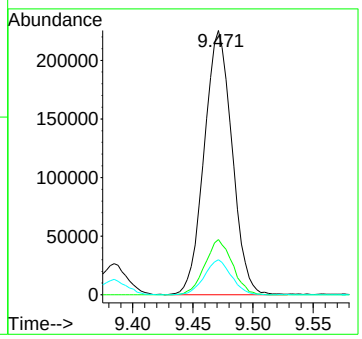


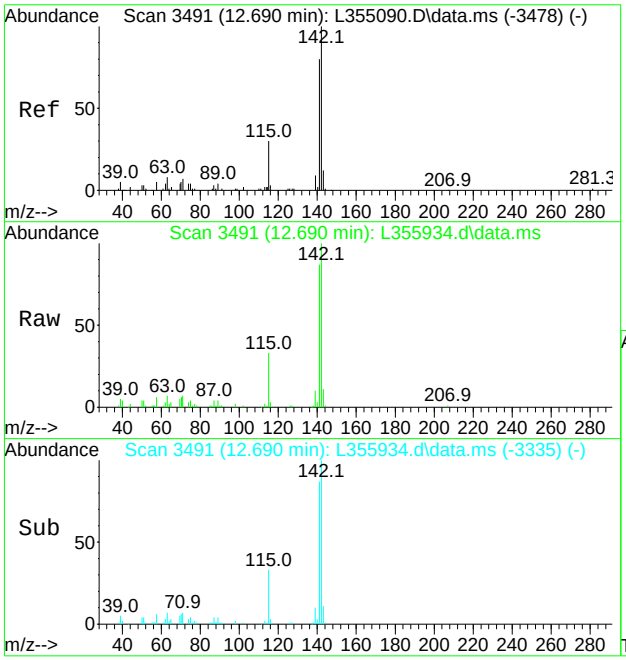


#121
benzyl chloride
Concen: 49.0457 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. 0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion: 91 Resp: 363127

Ion	Ratio	Lower	Upper
91	100		
126	21.0	0.0	50.3
65	13.3	0.0	42.2

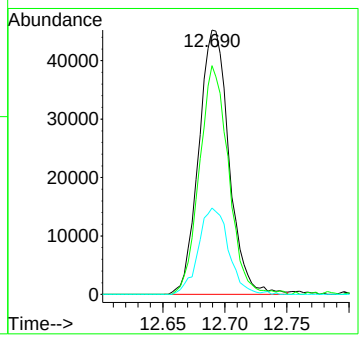




#122
2-methylnaphthalene
Concen: 25.7062 ug/L
RT: 12.690 min Scan# 3491
Delta R.T. -0.000 min
Lab File: L355934.d
Acq: 22 May 2023 3:11 pm

Tgt Ion:142 Resp: 76766

Ion	Ratio	Lower	Upper
142	100		
141	86.5	59.9	99.9
115	32.7	10.4	50.4



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355935.d
Acq On : 22 May 2023 3:34 pm
Operator : louied
Sample : jd65823-8msd Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 23 10:40:58 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	191560	500.00	ug/L	0.00
5) pentafluorobenzene	4.199	168	249546	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	387676	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	362946	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	137023	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.199	168	249546	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	137023	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	112609	54.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.48%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	132412	48.34	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 96.68%			
73) toluene-d8 (s)	5.903	98	462757	48.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.34%			
96) 4-bromofluorobenzene (s)	8.229	95	171369	53.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.04%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.190	88	22839	1711.8242	ug/L	84
3) ethanol	2.424	45	158262	5192.3889	ug/L	97
4) tertiary butyl alcohol	3.047	59	154896	237.6761	ug/L	95
6) chlorodifluoromethane	1.612	51	260840	38.9334	ug/L #	96
7) dichlorodifluoromethane	1.596	85	281261	55.8758	ug/L	99
8) chloromethane	1.753	50	255328	46.4538	ug/L	99
9) vinyl chloride	1.830	62	240998	56.4744	ug/L	96
10) 1,3-butadiene	1.863	54	204997	43.9019	ug/L	98
11) bromomethane	2.081	96	82268	50.0988	ug/L	94
12) chloroethane	2.158	64	121150	55.3565	ug/L	96
13) trichlorofluoromethane	2.337	101	250374	55.7416	ug/L	97
14) ethyl ether	2.517	74	108004	54.5651	ug/L	95
15) acrolein	2.617	56	57445	58.4197	ug/L	85
16) freon 113	2.687	151	112683	46.8364	ug/L	89
17) 1,1-dichloroethene	2.694	96	114136	49.0678	ug/L	94
18) acetone	2.706	58	89862	178.1607	ug/L	97
19) acetonitrile	2.896	40	155980	533.7187	ug/L	99
20) iodomethane	2.809	142	125210	49.7782	ug/L	98
21) iso-butyl alcohol	4.349	43	104363	555.1701	ug/L	99
22) carbon disulfide	2.867	76	430505	44.1425	ug/L	95
23) methylene chloride	3.021	84	144051	50.2082	ug/L #	79
24) methyl acetate	2.909	74	41945	58.6112	ug/L #	88
25) methyl tert butyl ether	3.185	73	469745	50.5179	ug/L	96
26) trans-1,2-dichloroethene	3.201	96	129633	48.3602	ug/L	95
27) hexane	3.377	57	275509	39.6347	ug/L	96
28) di-isopropyl ether	3.486	45	553033	39.6651	ug/L	96
29) ethyl tert-butyl ether	3.730	59	537922	45.7581	ug/L	96
30) 2-butanone	3.849	72	114028	228.1221	ug/L #	65
31) 1,1-dichloroethane	3.493	63	256580	42.5904	ug/L	93
32) chloroprene	3.544	53	249551	40.0577	ug/L	91
33) acrylonitrile	3.165	53	106000	51.8658	ug/L	93
34) vinyl acetate	3.467	86	43012	63.0359	ug/L #	41
35) ethyl acetate	3.858	45	41636	47.7491	ug/L	93
36) 2,2-dichloropropane	3.887	77	190617	42.7970	ug/L	98
37) cis-1,2-dichloroethene	3.878	96	149068	51.6840	ug/L	94
38) propionitrile	3.897	54	312804	475.5528	ug/L	95
39) methyl acrylate	3.907	85	31537	57.2856	ug/L #	62
40) bromochloromethane	4.041	128	65842	50.3776	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355935.d
Acq On : 22 May 2023 3:34 pm
Operator : louied
Sample : jd65823-8msd Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 23 10:40:58 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.054	72	33434	57.7263	ug/L	#	81
42) chloroform	4.096	83	242021	46.4596	ug/L		96
44) methacrylonitrile	4.003	67	93531	54.6578	ug/L		83
45) 1,1,1-trichloroethane	4.234	97	195979	49.3326	ug/L		97
46) cyclohexane	4.295	84	217682	49.8839	ug/L		96
47) 1,1-dichloropropene	4.340	75	183274	47.4027	ug/L		97
48) carbon tetrachloride	4.346	117	157836	44.9793	ug/L		96
49) isopropyl acetate	4.462	87	45091	55.6254	ug/L	#	64
50) tert amyl alcohol	4.436	55	55077	310.1725	ug/L	#	89
53) tert-amyl methyl ether	4.548	73	419575	42.8037	ug/L		95
54) 2,2,4-trimethylpentane	4.552	57	421339	33.3548	ug/L		99
55) n-butyl alcohol	4.821	56	302587	3381.7885	ug/L		97
56) benzene	4.487	78	526513	42.7584	ug/L		97
57) heptane	4.661	57	110870	37.3728	ug/L		90
58) 1,2-dichloroethane	4.513	62	193448	42.4836	ug/L		97
59) trichloroethene	4.953	95	172601	53.0030	ug/L		96
60) ethyl acrylate	4.972	55	282493	42.1053	ug/L		96
61) 2-nitropropane	5.501	41	69302	42.7141	ug/L		98
63) methyl methacrylate	5.155	100	50431	50.6040	ug/L	#	51
64) 1,2-dichloropropane	5.152	63	161605	41.0604	ug/L		94
65) methylcyclohexane	5.142	83	256764	43.2391	ug/L		86
66) dibromomethane	5.222	93	87675	45.5984	ug/L		99
67) bromodichloromethane	5.341	83	202058	44.2584	ug/L		93
68) cis-1,3-dichloropropene	5.678	75	275252	46.9852	ug/L		93
69) epichlorohydrin	5.585	57	131262	250.9184	ug/L		96
70) 4-methyl-2-pentanone	5.777	58	396499	183.5694	ug/L	#	89
71) 3-methyl-1-butanol	5.800	70	121250	1301.8040	ug/L	#	79
74) toluene	5.960	92	342074	42.6565	ug/L		99
75) trans-1,3-dichloropropene	6.130	75	245990	43.1506	ug/L		92
76) ethyl methacrylate	6.150	69	234806	45.0301	ug/L		92
77) 1,1,2-trichloroethane	6.300	83	127272	44.9239	ug/L		93
78) 2-hexanone	6.464	58	381204	162.3062	ug/L		88
79) tetrachloroethene	6.393	166	437593	130.6750	ug/L		92
80) 1,3-dichloropropane	6.445	76	226339	40.8608	ug/L		97
81) butyl acetate	6.548	56	157378	41.8673	ug/L		98
82) dibromochloromethane	6.634	129	144880	42.6525	ug/L		96
83) 1,2-dibromoethane	6.750	107	150300	44.8421	ug/L		98
84) n-butyl ether	7.221	57	661426	39.3039	ug/L		92
85) chlorobenzene	7.173	112	364479	43.5335	ug/L		100
86) 1,1,1,2-tetrachloroethane	7.247	131	116674	40.1554	ug/L		96
87) ethylbenzene	7.250	91	583493	41.2699	ug/L		98
88) m,p-xylene	7.366	106	466939	81.2366	ug/L		99
89) o-xylene	7.719	106	242382	41.1702	ug/L		96
90) butyl acrylate	7.642	55	399784	40.5297	ug/L		96
91) styrene	7.735	104	386374	41.8302	ug/L		98
92) bromoform	7.915	173	103659	41.4339	ug/L		98
93) isopropylbenzene	8.056	105	601368	41.0230	ug/L		98
94) cis-1,4-dichloro-2-butene	8.107	88	68726	42.1386	ug/L		91
97) bromobenzene	8.370	156	137738	46.1559	ug/L		83
98) 1,1,2,2-tetrachloroethane	8.341	83	226735	52.2061	ug/L		99
99) trans-1,4-dichloro-2-b...	8.377	53	55604	39.8635	ug/L		87
100) 1,2,3-trichloropropane	8.402	110	57586	49.5936	ug/L		86
101) n-propylbenzene	8.450	91	661396	43.8861	ug/L		97
102) 2-chlorotoluene	8.543	126	133134	45.4117	ug/L		96
103) 4-chlorotoluene	8.659	126	132588	46.6817	ug/L		95
104) 1,3,5-trimethylbenzene	8.617	105	459299	43.2390	ug/L		99
105) tert-butylbenzene	8.925	119	398165	44.8740	ug/L		98
106) 1,2,4-trimethylbenzene	8.983	105	469155	44.1896	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355935.d
Acq On : 22 May 2023 3:34 pm
Operator : louied
Sample : jd65823-8msd Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 23 10:40:58 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

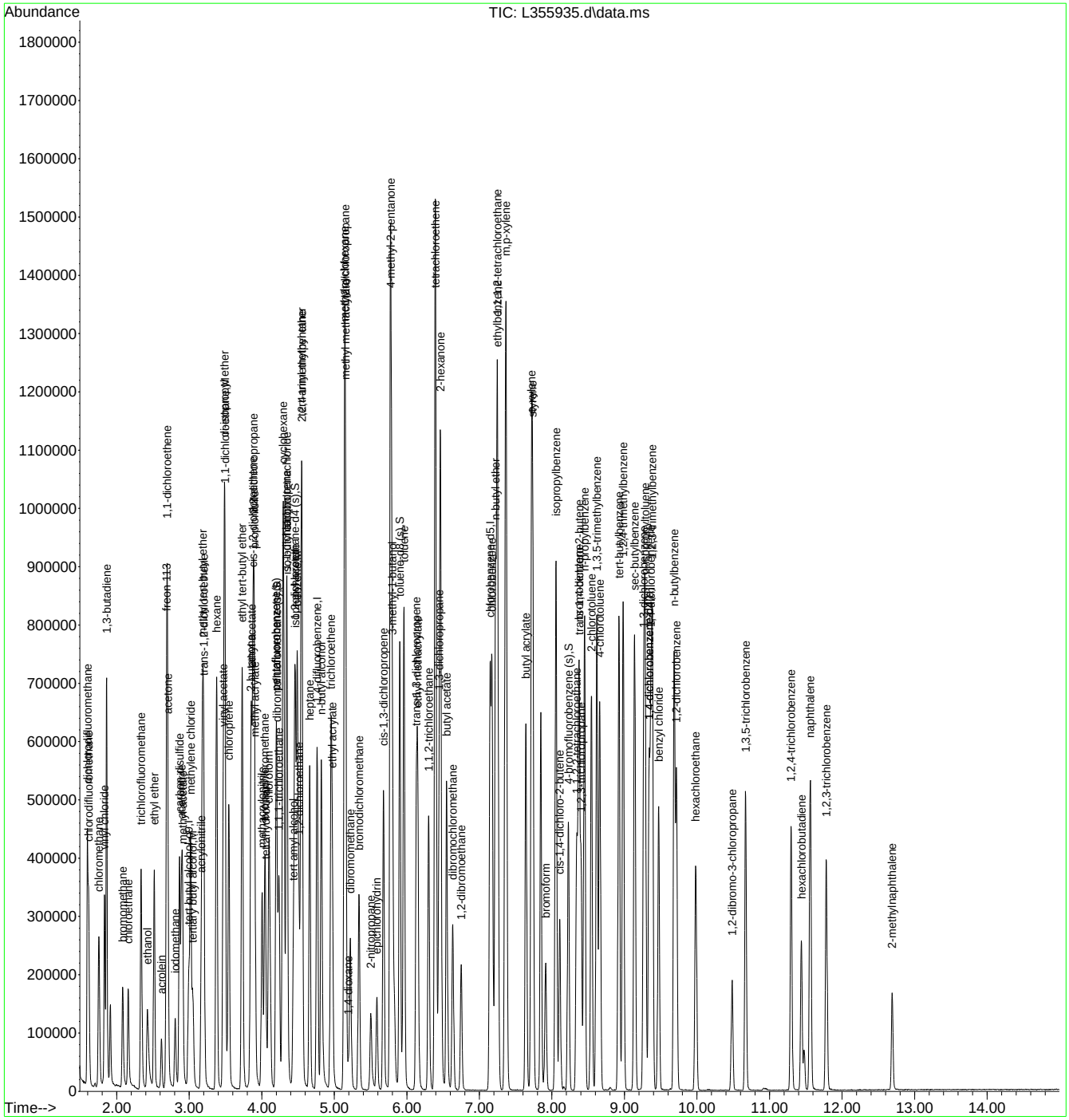
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) sec-butylbenzene	9.140	105	568000	43.8273	ug/L	99
108) 1,3-dichlorobenzene	9.265	146	247827	47.8657	ug/L	99
109) p-isopropyltoluene	9.288	119	437415	43.8464	ug/L	97
110) 1,4-dichlorobenzene	9.365	146	220258	46.8482	ug/L	98
111) 1,2,3-trimethylbenzene	9.381	105	426912	44.2653	ug/L	99
112) 1,2-dichlorobenzene	9.715	146	224886	47.0065	ug/L	98
113) n-butylbenzene	9.686	92	237074	47.5685	ug/L	97
114) 1,2-dibromo-3-chloropr...	10.485	157	53457	57.3447	ug/L	93
115) 1,3,5-trichlorobenzene	10.671	180	168667	52.6452	ug/L	96
116) 1,2,4-trichlorobenzene	11.297	180	147271	56.4796	ug/L	95
117) hexachlorobutadiene	11.441	225	54262	44.9168	ug/L	97
118) naphthalene	11.560	128	439419	61.5448	ug/L	97
119) 1,2,3-trichlorobenzene	11.784	180	127129	56.9653	ug/L	97
120) hexachloroethane	9.981	119	87259	45.4442	ug/L	98
121) benzyl chloride	9.471	91	356615	47.9341	ug/L	99
122) 2-methylnaphthalene	12.689	142	85476	28.0695	ug/L	98

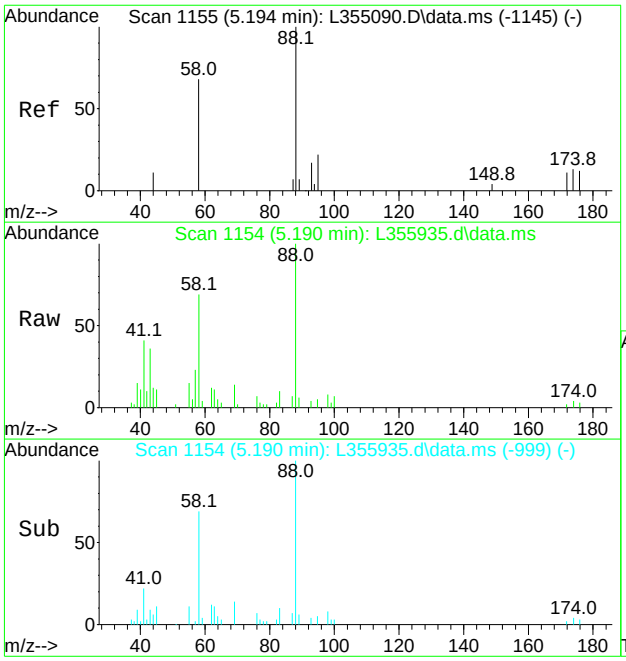
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355935.d
Acq On : 22 May 2023 3:34 pm
Operator : louied
Sample : jd65823-8msd Inst : GCMS-L
Misc : MS69505,VL10808,5,,,,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 23 10:40:58 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

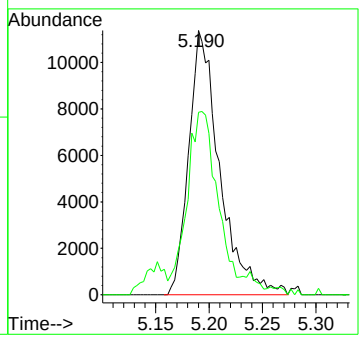


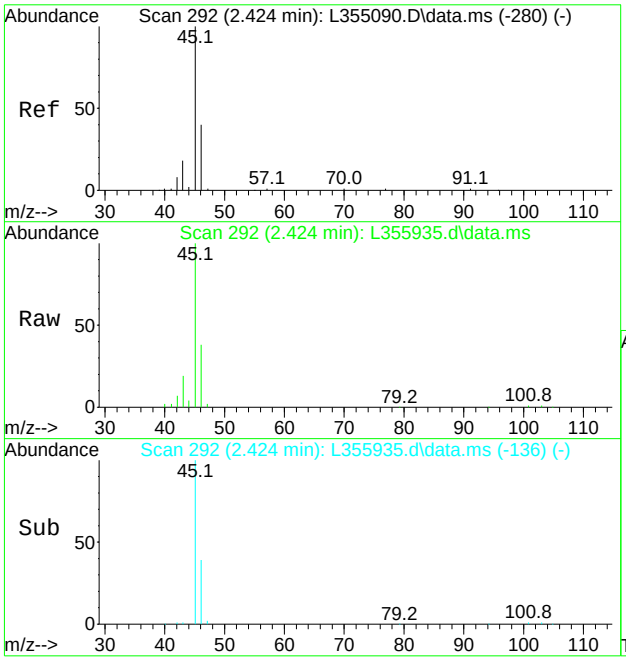


#2
1,4-dioxane
Concen: 1711.8242 ug/L
RT: 5.190 min Scan# 1154
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 88 Resp: 22839

Ion	Ratio	Lower	Upper
88	100		
58	69.0	53.2	113.2

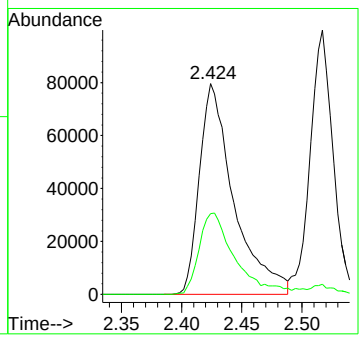


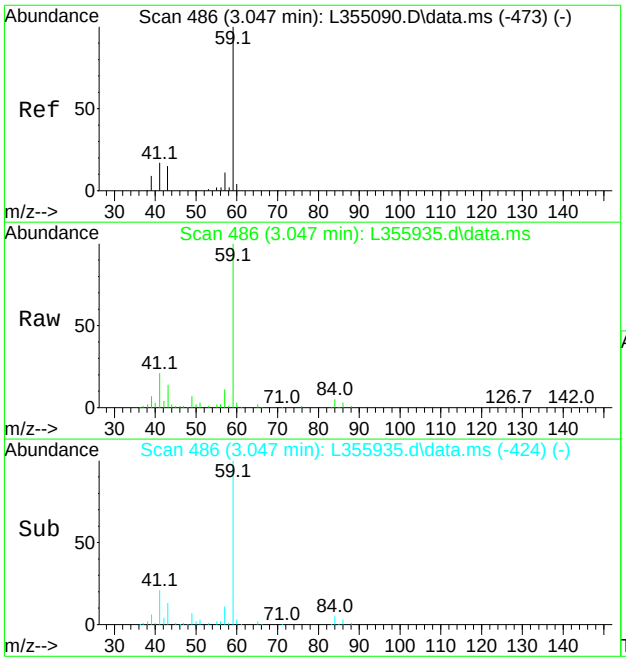


#3
ethanol
Concen: 5192.3889 ug/L
RT: 2.424 min Scan# 292
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 45 Resp: 158262

Ion	Ratio	Lower	Upper
45	100		
46	38.4	20.0	60.0

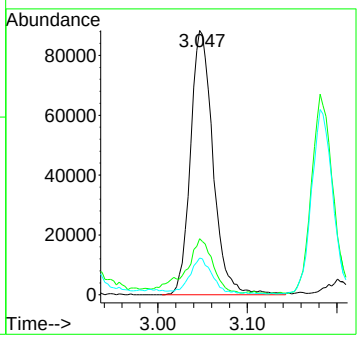


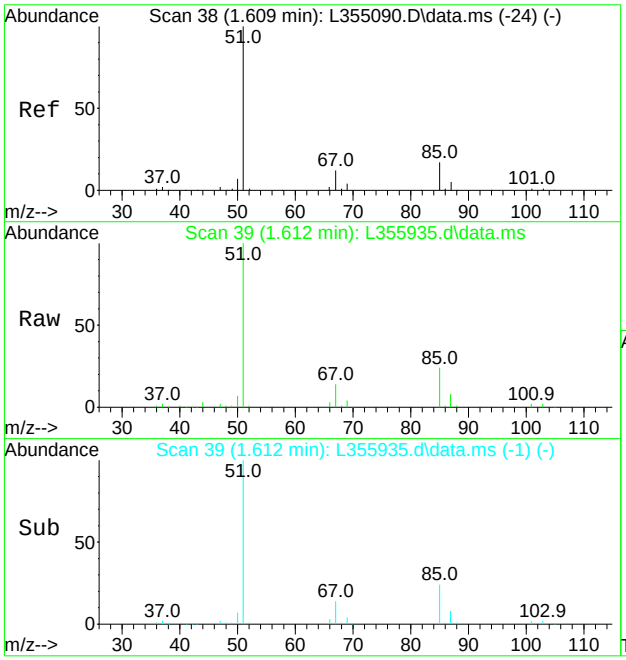


#4
tertiary butyl alcohol
Concen: 237.6761 ug/L
RT: 3.047 min Scan# 486
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 59 Resp: 154896

Ion	Ratio	Lower	Upper
59	100		
41	20.7	0.0	47.4
43	13.5	0.0	44.8

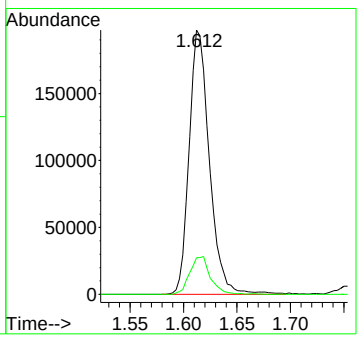


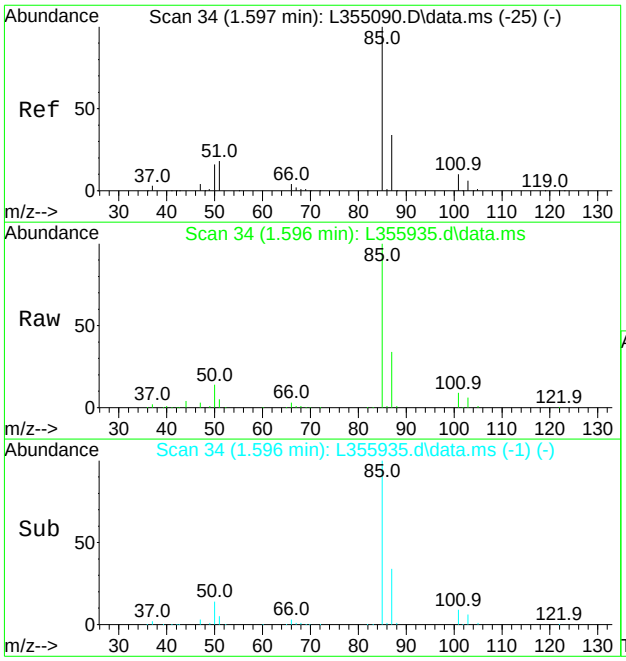


#6
chlorodifluoromethane
Concen: 38.9334 ug/L
RT: 1.612 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 51 Resp: 260840

Ion	Ratio	Lower	Upper
51	100		
67	13.9	12.4	12.4#

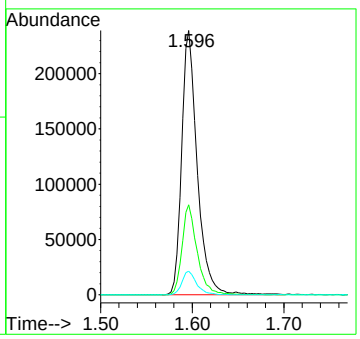


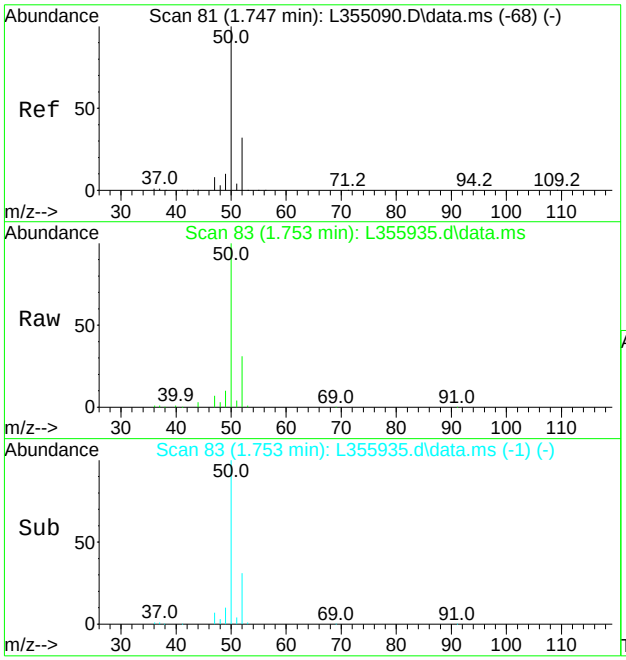


#7
dichlorodifluoromethane
Concen: 55.8758 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 85 Resp: 281261

Ion	Ratio	Lower	Upper
85	100		
87	34.1	3.9	63.9
101	9.0	0.0	39.7

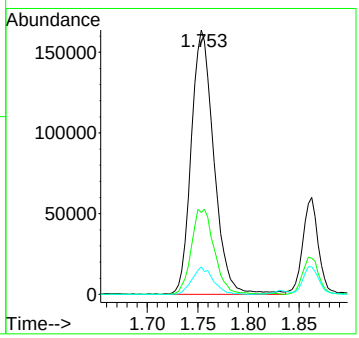


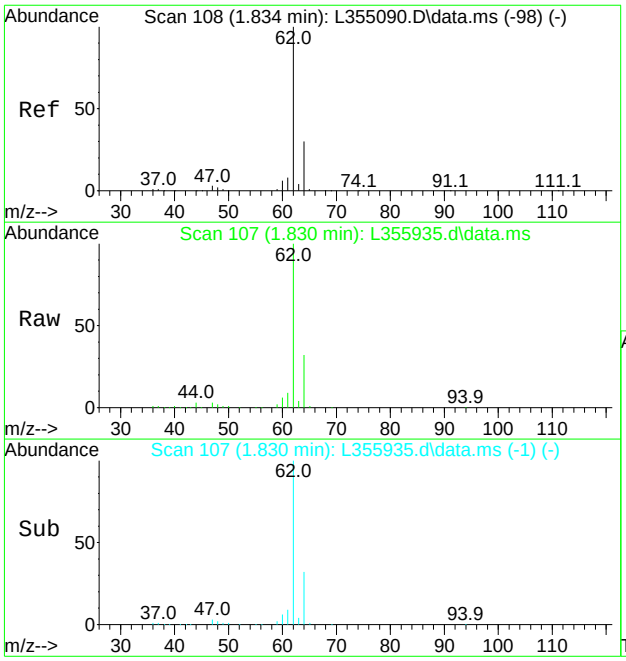


#8
chloromethane
Concen: 46.4538 ug/L
RT: 1.753 min Scan# 83
Delta R.T. 0.006 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 50 Resp: 255328

Ion	Ratio	Lower	Upper
50	100		
52	31.0	1.7	61.7
49	10.5	0.0	40.1

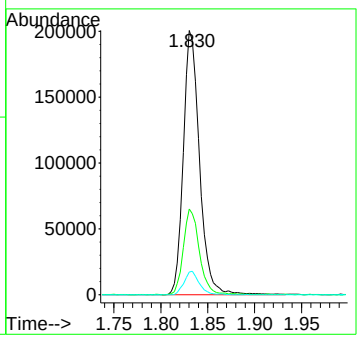


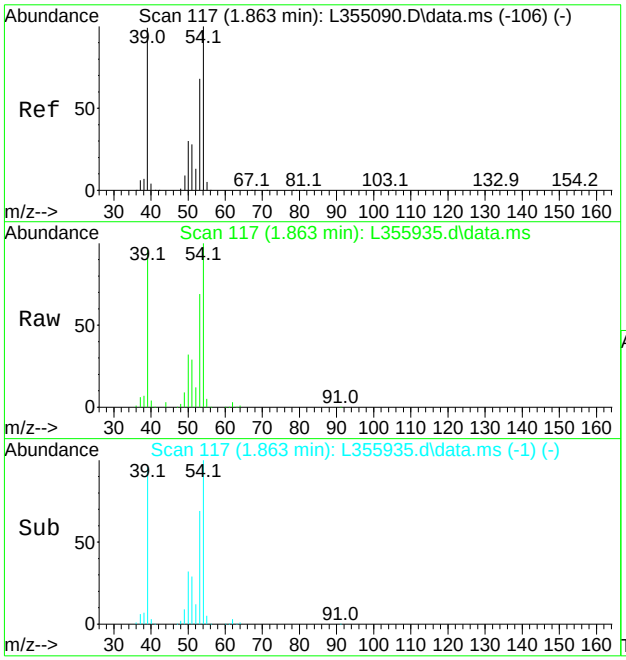


#9
vinyl chloride
Concen: 56.4744 ug/L
RT: 1.830 min Scan# 107
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 62 Resp: 240998

Ion	Ratio	Lower	Upper
62	100		
64	32.4	0.0	60.0
61	8.6	0.0	37.5

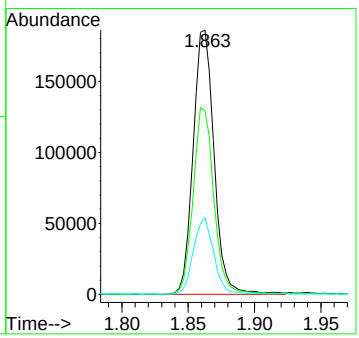


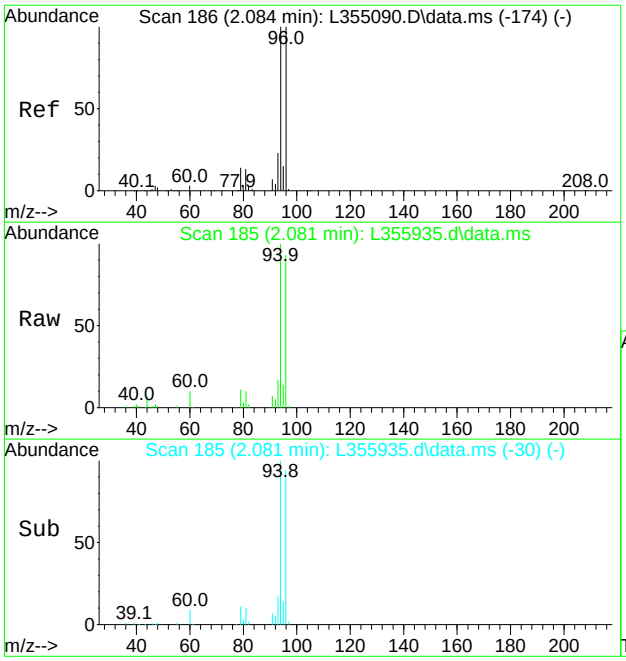


#10
1,3-butadiene
Concen: 43.9019 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 54 Resp: 204997

Ion	Ratio	Lower	Upper
54	100		
53	69.4	38.4	98.4
51	29.1	0.0	57.9

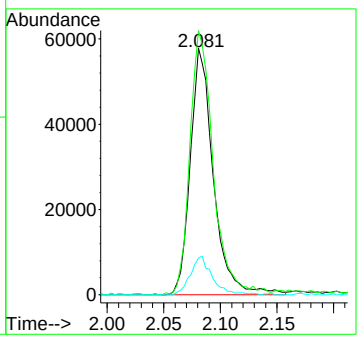


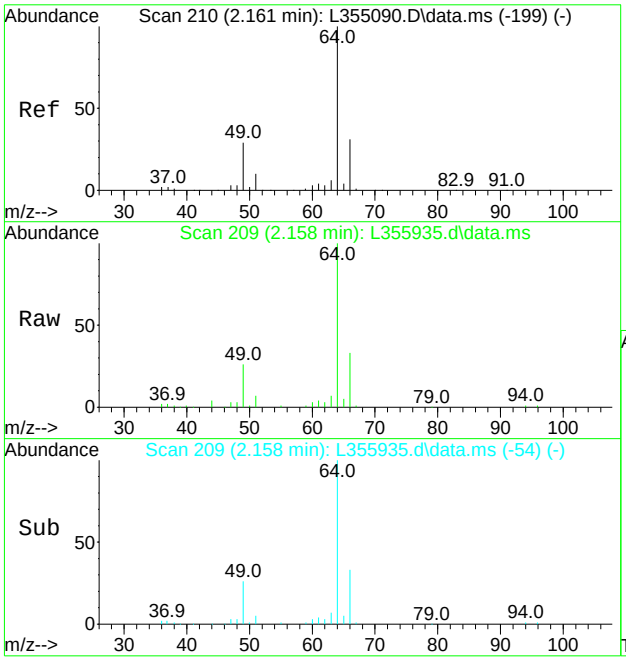


#11
bromomethane
Concen: 50.0988 ug/L
RT: 2.081 min Scan# 185
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 96 Resp: 82268

Ion	Ratio	Lower	Upper
96	100		
94	107.3	70.4	130.4
95	15.0	0.0	44.4

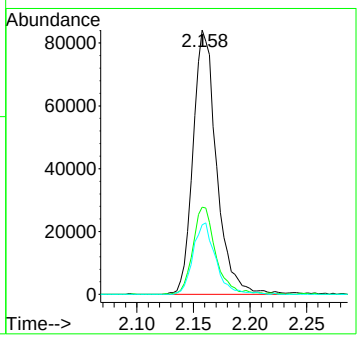


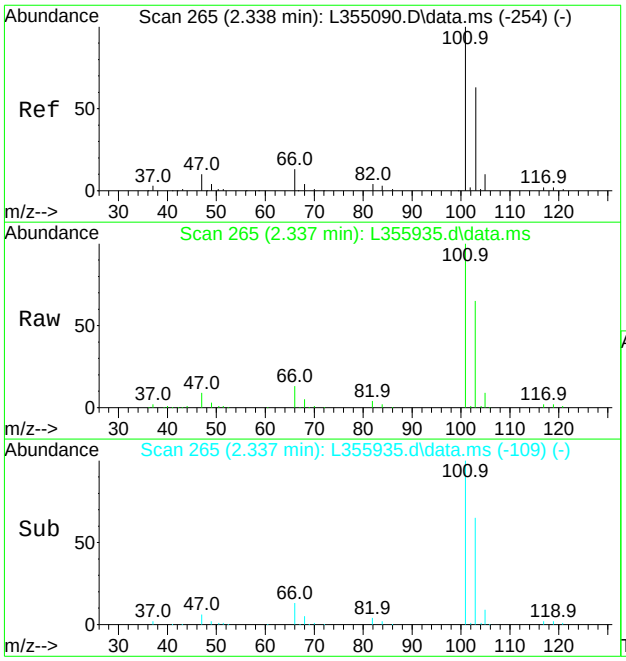


#12
chloroethane
Concen: 55.3565 ug/L
RT: 2.158 min Scan# 209
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 64 Resp: 121150

Ion	Ratio	Lower	Upper
64	100		
66	33.0	1.3	61.3
49	26.3	0.0	58.9

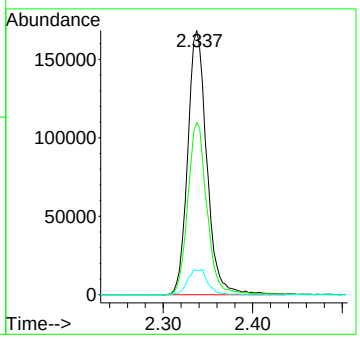


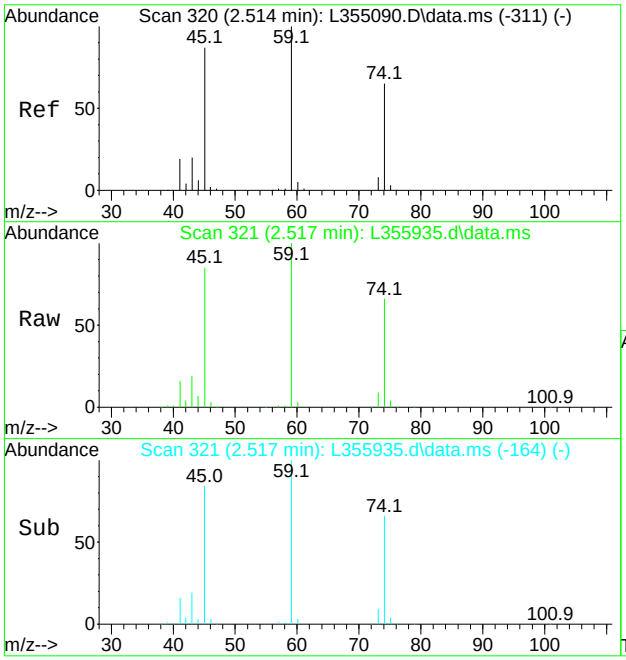


#13
trichlorofluoromethane
Concen: 55.7416 ug/L
RT: 2.337 min Scan# 265
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:101 Resp: 250374

Ion	Ratio	Lower	Upper
101	100		
103	65.1	32.9	92.9
105	9.3	0.0	40.4

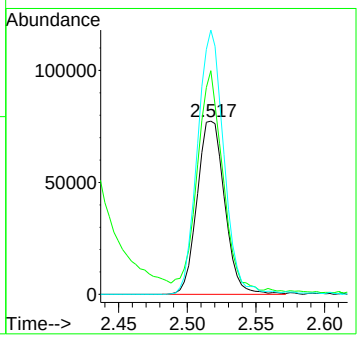


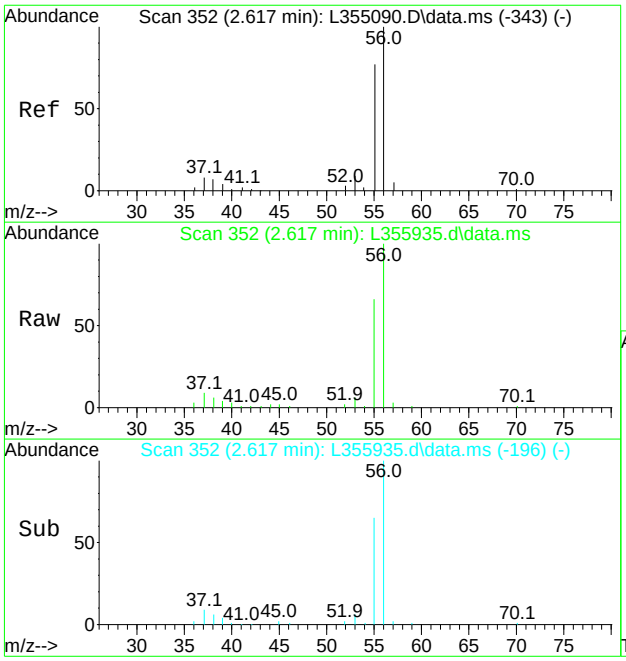


#14
ethyl ether
Concen: 54.5651 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 74 Resp: 108004

Ion	Ratio	Lower	Upper
74	100		
45	127.3	108.0	168.0
59	152.6	124.3	184.3

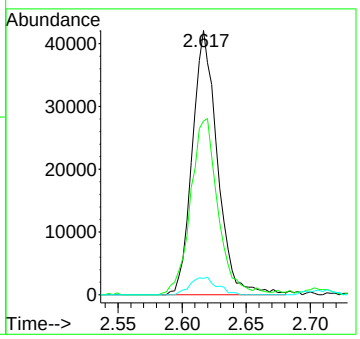


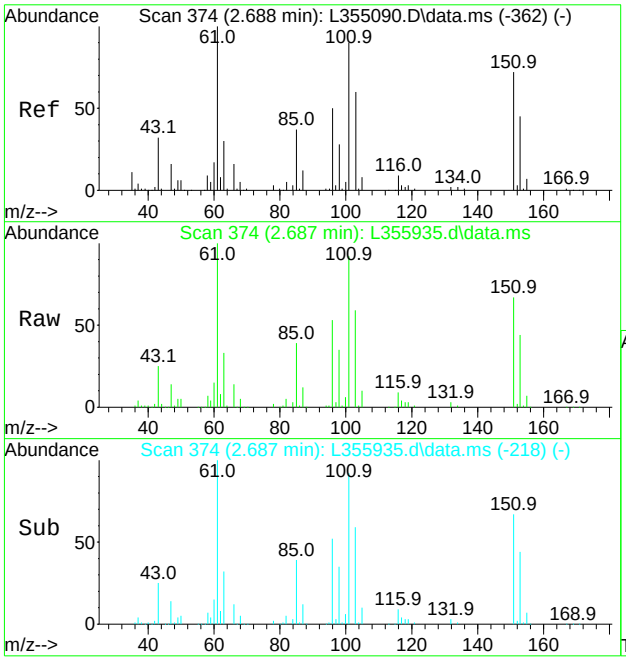


#15
acrolein
Concen: 58.4197 ug/L
RT: 2.617 min Scan# 352
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 56 Resp: 57445

Ion	Ratio	Lower	Upper
56	100		
55	65.1	48.6	108.6
53	6.1	0.0	38.7

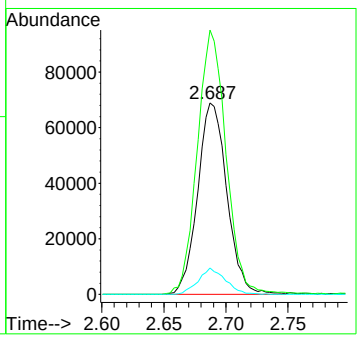


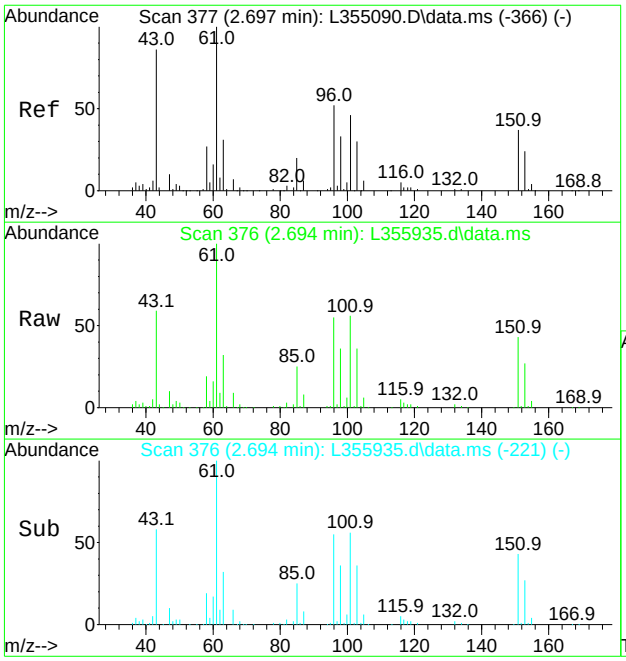


#16
freon 113
Concen: 46.8364 ug/L
RT: 2.687 min Scan# 374
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:151 Resp: 112683

Ion	Ratio	Lower	Upper
151	100		
101	138.1	105.0	145.0
116	13.8	0.0	31.9

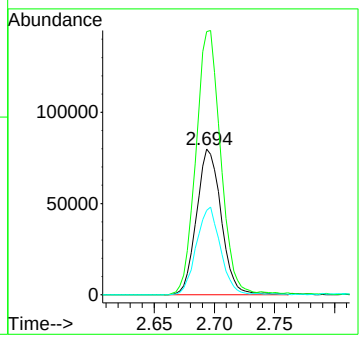


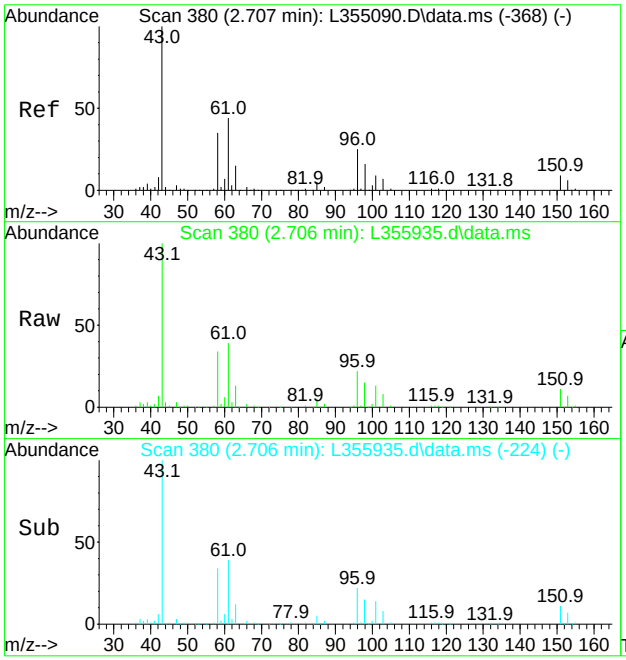


#17
1,1-dichloroethene
Concen: 49.0678 ug/L
RT: 2.694 min Scan# 376
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 96 Resp: 114136

Ion	Ratio	Lower	Upper
96	100		
61	180.7	160.9	220.9
63	58.0	29.9	89.9

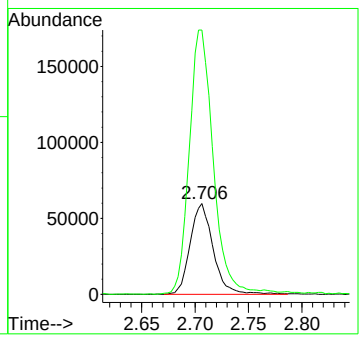


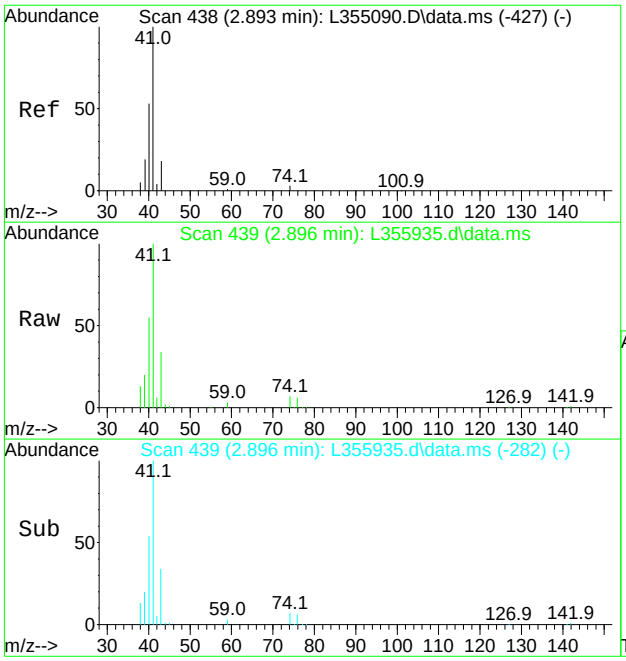


#18
acetone
Concen: 178.1607 ug/L
RT: 2.706 min Scan# 380
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 58 Resp: 89862

Ion	Ratio	Lower	Upper
58	100		
43	289.9	253.7	313.7

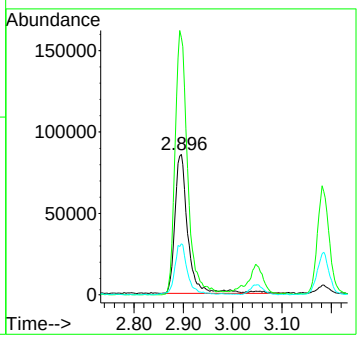


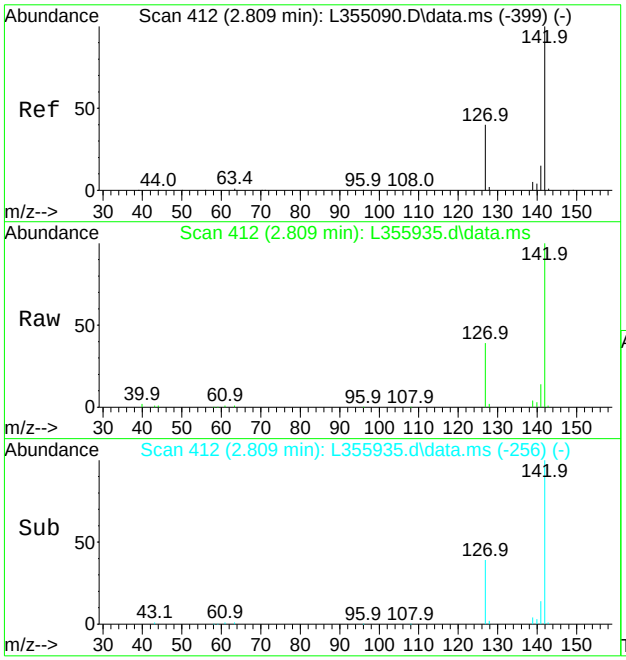


#19
acetonitrile
Concen: 533.7187 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 40 Resp: 155980

Ion	Ratio	Lower	Upper
40	100		
41	185.1	156.9	216.9
39	36.4	5.5	65.5

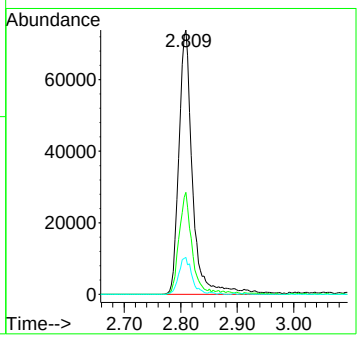


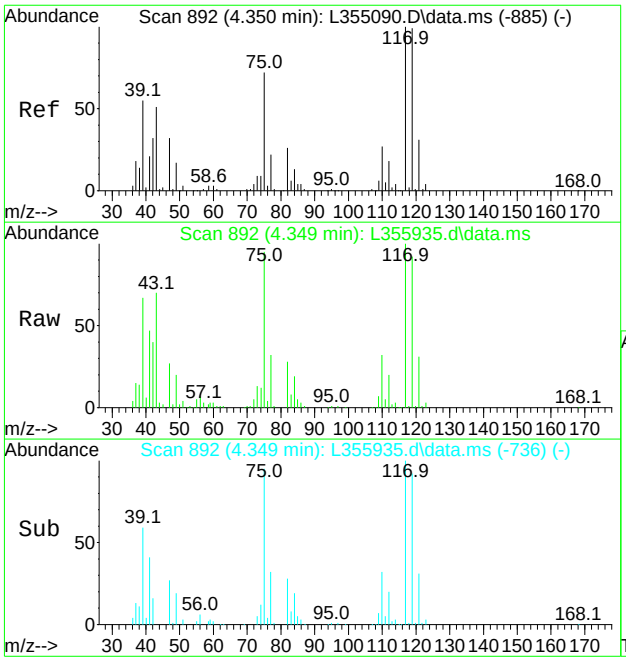


#20
iodomethane
Concen: 49.7782 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:142 Resp: 125210

Ion	Ratio	Lower	Upper
142	100		
127	38.5	9.8	69.8
141	14.0	0.0	45.4

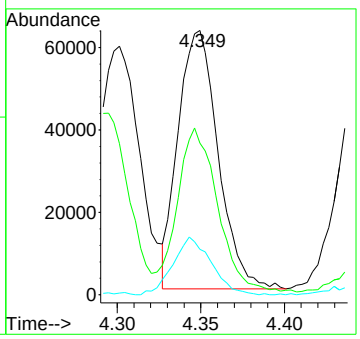


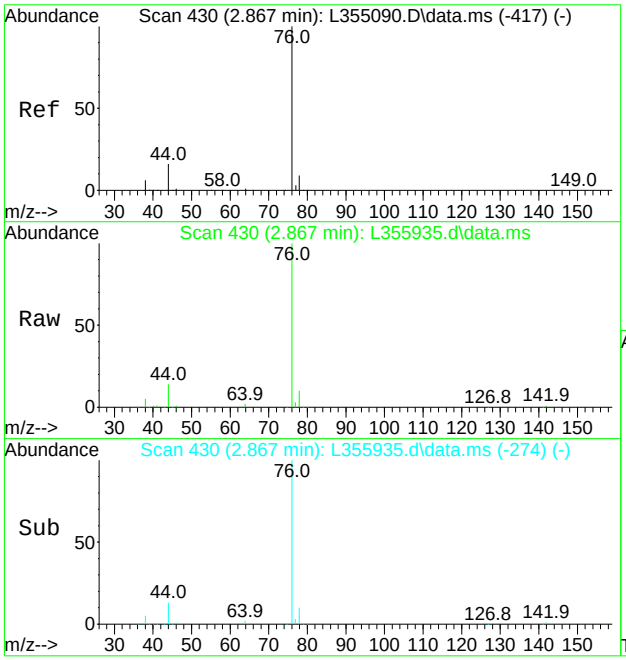


#21
iso-butyl alcohol
Concen: 555.1701 ug/L
RT: 4.349 min Scan# 892
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 43 Resp: 104363

Ion	Ratio	Lower	Upper
43	100		
42	56.9	26.5	86.5
74	17.6	0.0	48.2

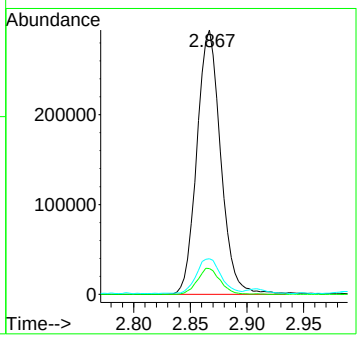


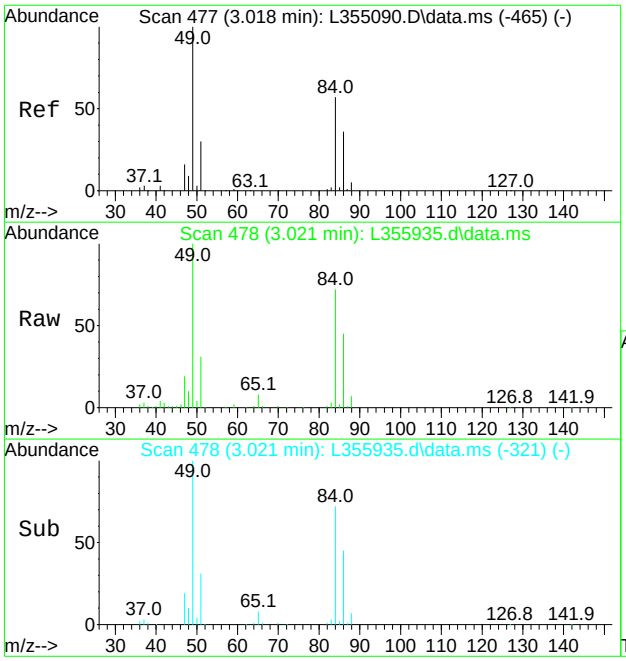


#22
carbon disulfide
Concen: 44.1425 ug/L
RT: 2.867 min Scan# 430
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 76 Resp: 430505

Ion	Ratio	Lower	Upper
76	100		
78	9.7	0.0	39.1
44	13.1	0.0	45.8

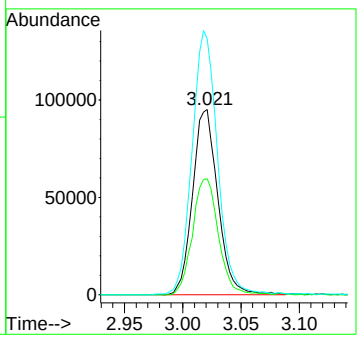


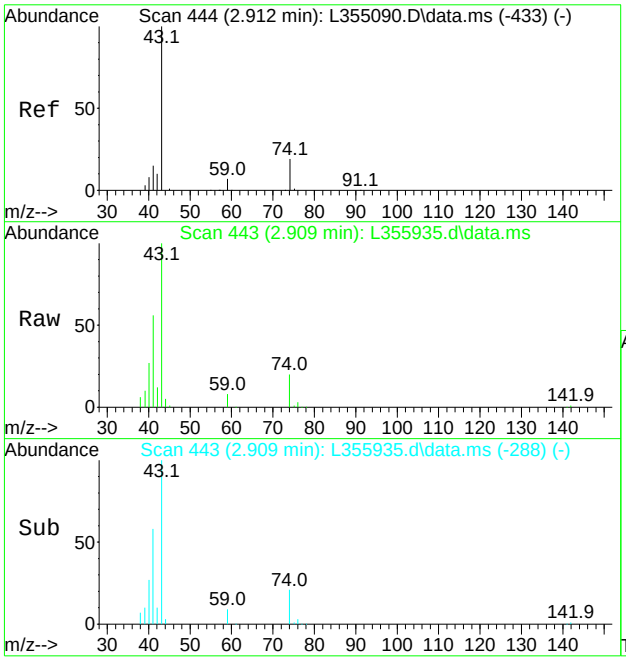


#23
methylene chloride
Concen: 50.2082 ug/L
RT: 3.021 min Scan# 478
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 84 Resp: 144051

Ion	Ratio	Lower	Upper
84	100		
86	62.7	33.9	93.9
49	137.7	146.7	206.7#

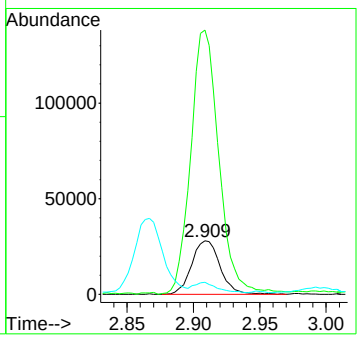


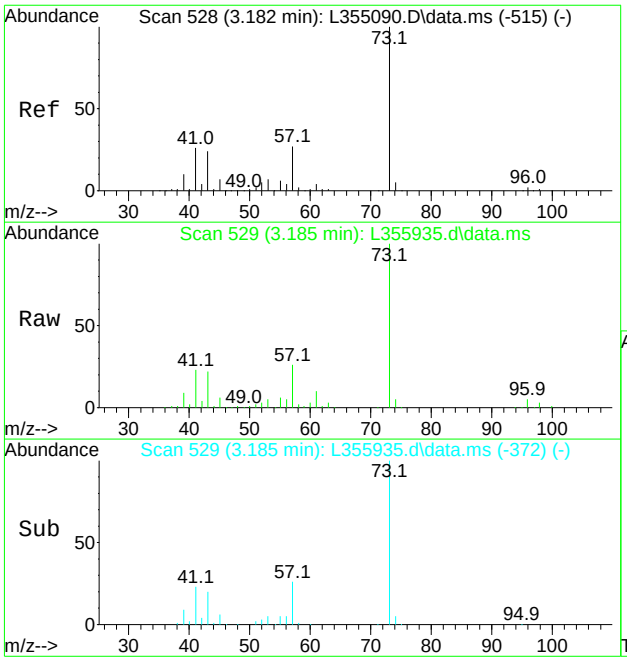


#24
methyl acetate
Concen: 58.6112 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 74 Resp: 41945

Ion	Ratio	Lower	Upper
74	100		
43	490.6	495.9	555.9#
44	17.7	0.0	47.9

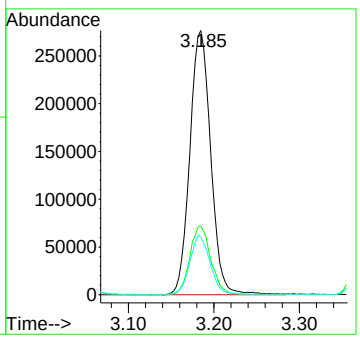


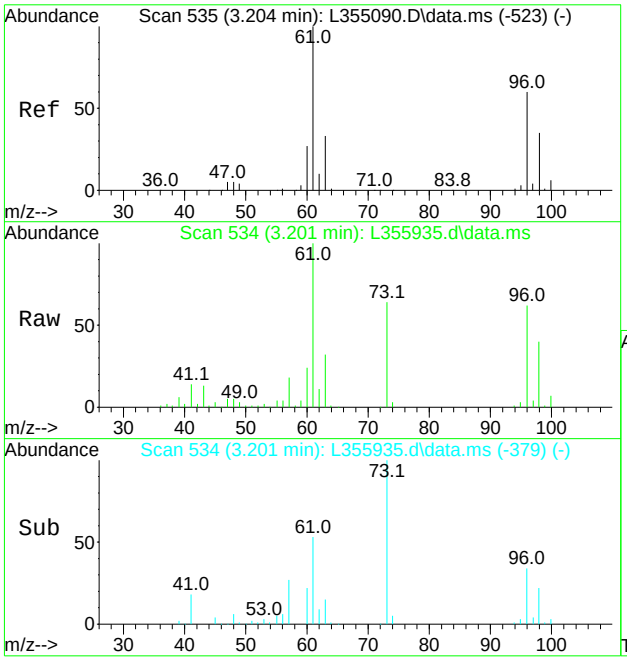


#25
methyl tert butyl ether
Concen: 50.5179 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 73 Resp: 469745

Ion	Ratio	Lower	Upper
73	100		
57	26.1	0.0	57.4
43	21.8	0.0	54.2

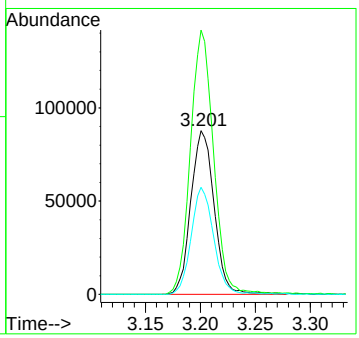


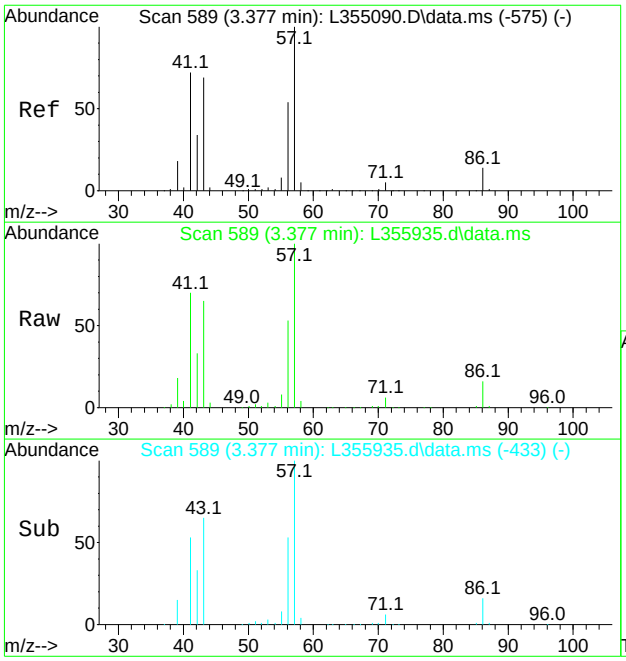


#26
trans-1,2-dichloroethene
Concen: 48.3602 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 96 Resp: 129633

Ion	Ratio	Lower	Upper
96	100		
61	161.4	136.4	196.4
98	65.3	28.2	88.2

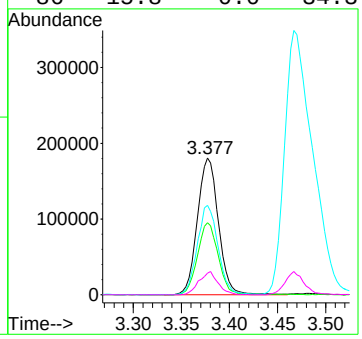


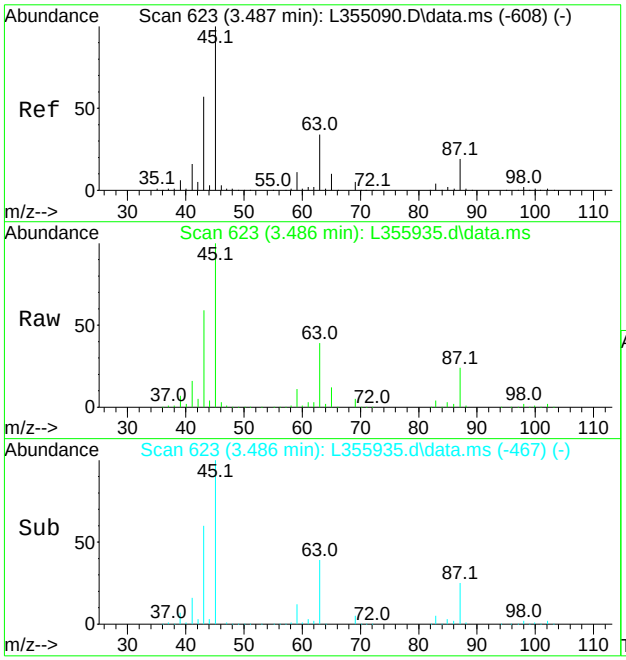


#27
hexane
Concen: 39.6347 ug/L
RT: 3.377 min Scan# 589
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 57 Resp: 275509

Ion	Ratio	Lower	Upper
57	100		
56	52.6	33.8	73.8
43	65.1	49.1	89.1
86	15.8	0.0	34.3

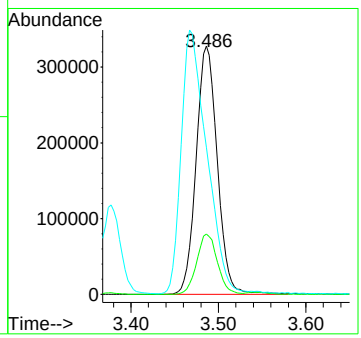


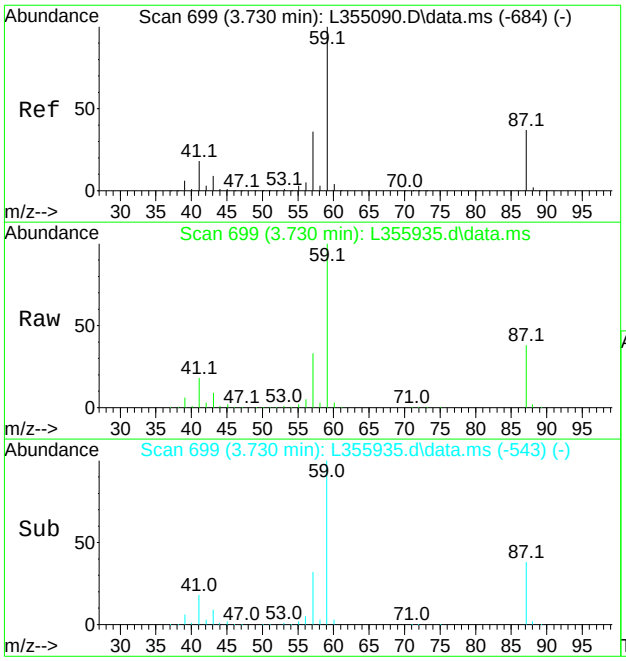


#28
di-isopropyl ether
Concen: 39.6651 ug/L
RT: 3.486 min Scan# 623
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 45 Resp: 553033

Ion	Ratio	Lower	Upper
45	100		
87	24.3	0.0	49.3
43	58.6	27.4	87.4

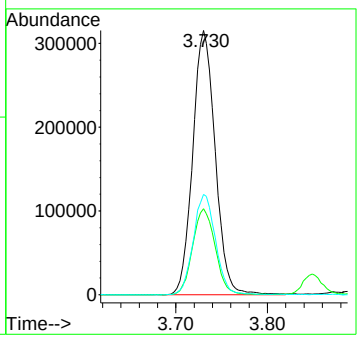


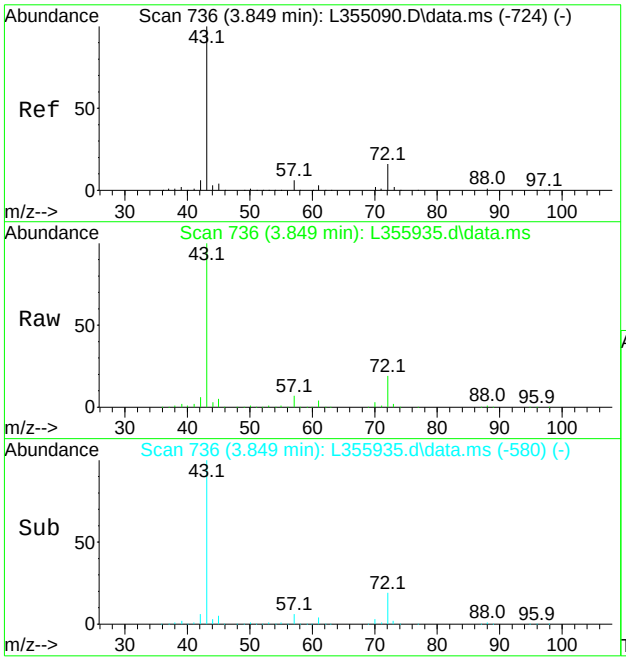


#29
ethyl tert-butyl ether
Concen: 45.7581 ug/L
RT: 3.730 min Scan# 699
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 59 Resp: 537922

Ion	Ratio	Lower	Upper
59	100		
57	32.6	5.9	65.9
87	37.9	6.7	66.7

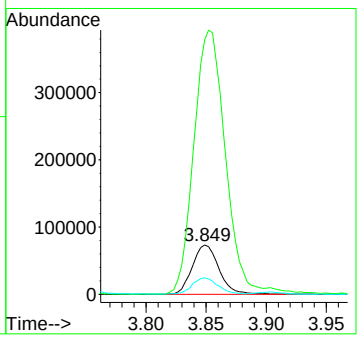


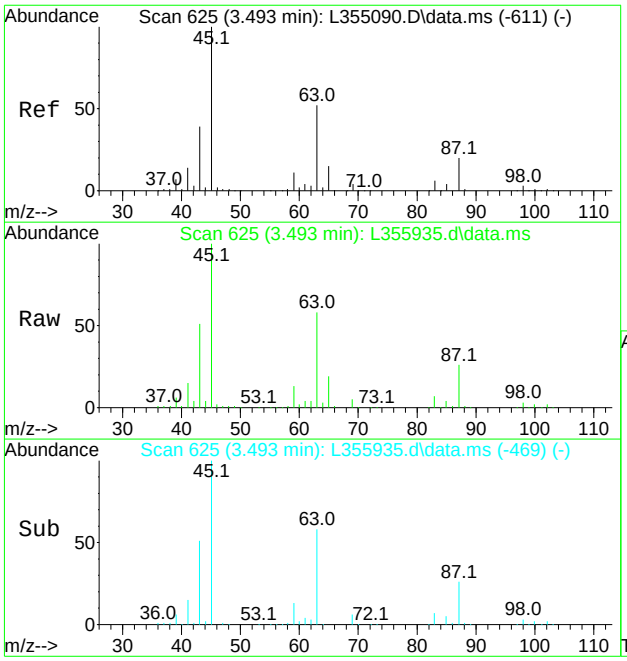


#30
2-butanone
Concen: 228.1221 ug/L
RT: 3.849 min Scan# 736
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 72 Resp: 114028

Ion	Ratio	Lower	Upper
72	100		
43	515.2	604.7	664.7#
57	33.0	10.0	70.0

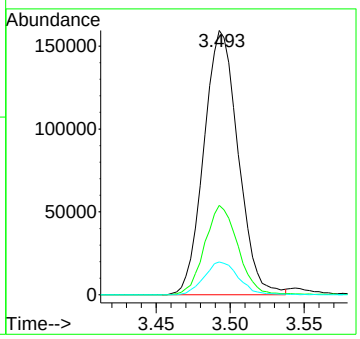


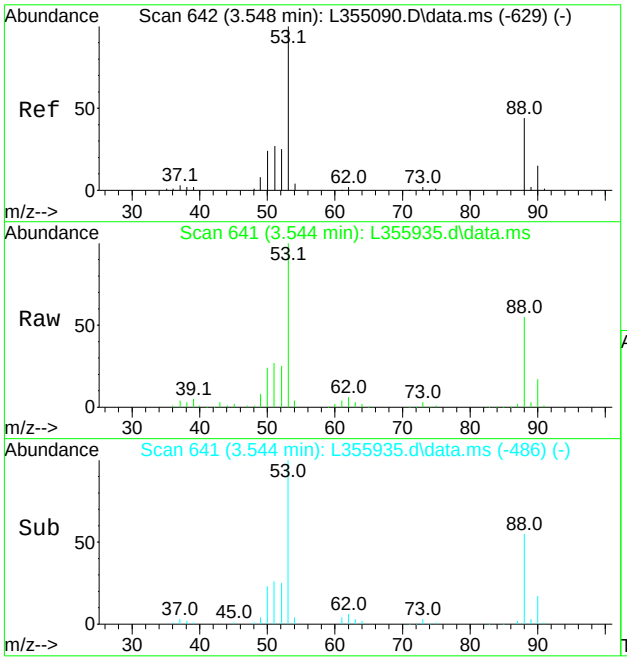


#31
1,1-dichloroethane
Concen: 42.5904 ug/L
RT: 3.493 min Scan# 625
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 63 Resp: 256580

Ion	Ratio	Lower	Upper
63	100		
65	33.8	0.0	59.0
83	12.4	0.0	41.4

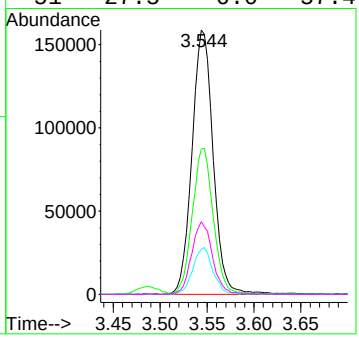


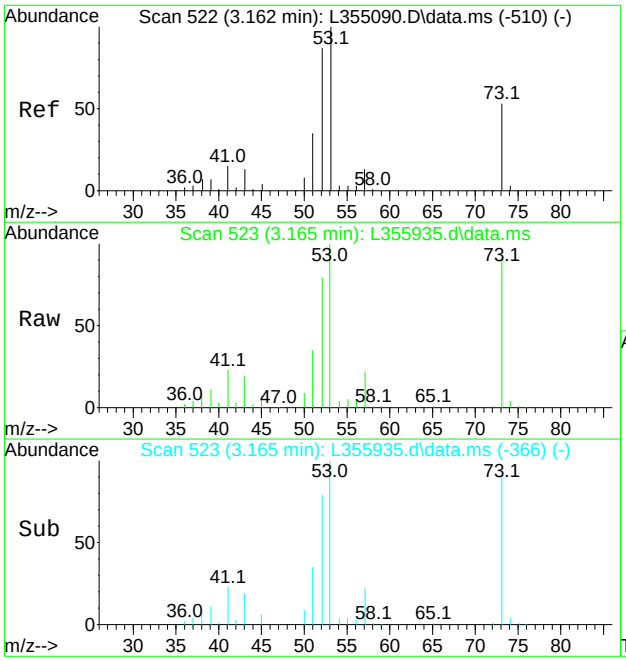


#32
chloroprene
Concen: 40.0577 ug/L
RT: 3.544 min Scan# 641
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 53 Resp: 249551

Ion	Ratio	Lower	Upper
53	100		
88	54.8	14.5	74.5
90	17.0	0.0	45.2
51	27.5	0.0	57.4

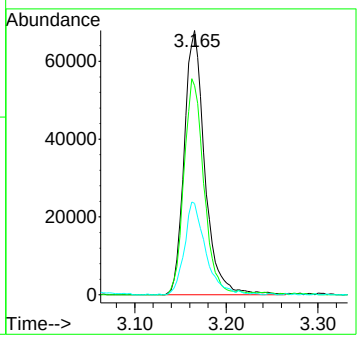


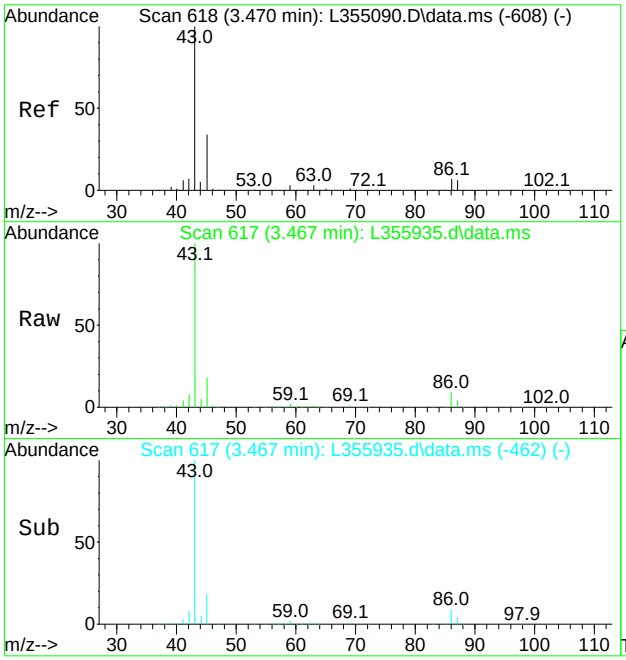


#33
acrylonitrile
Concen: 51.8658 ug/L
RT: 3.165 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 53 Resp: 106000

Ion	Ratio	Lower	Upper
53	100		
52	79.1	57.3	117.3
51	34.6	5.3	65.3

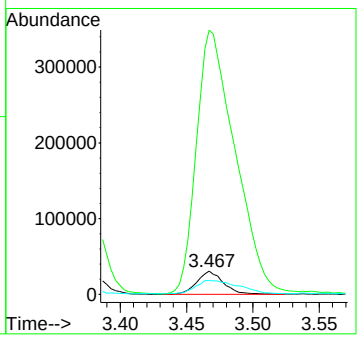


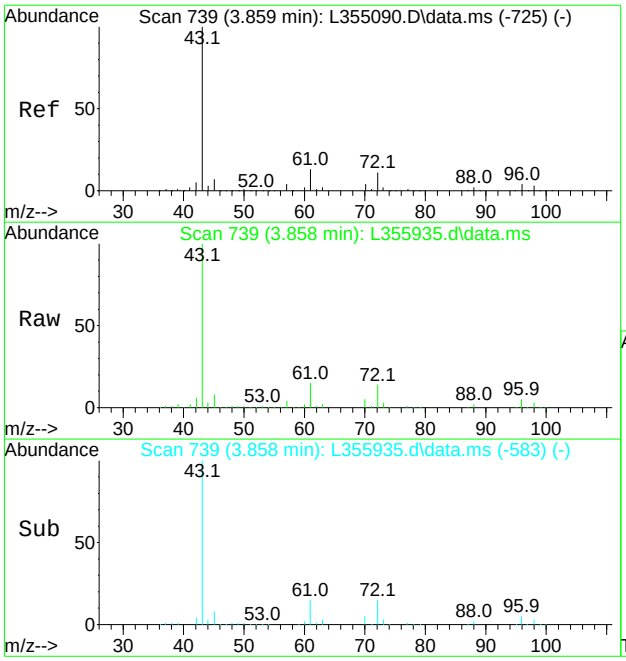


#34
vinyl acetate
Concen: 63.0359 ug/L
RT: 3.467 min Scan# 617
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 86 Resp: 43012

Ion	Ratio	Lower	Upper
86	100		
43	1127.8	1461.6	1521.6#
44	56.1	45.2	105.2

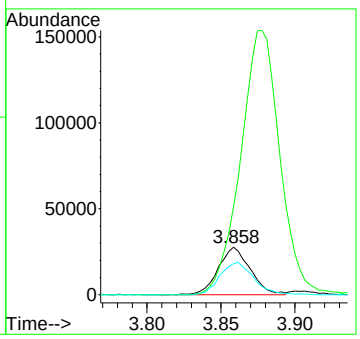


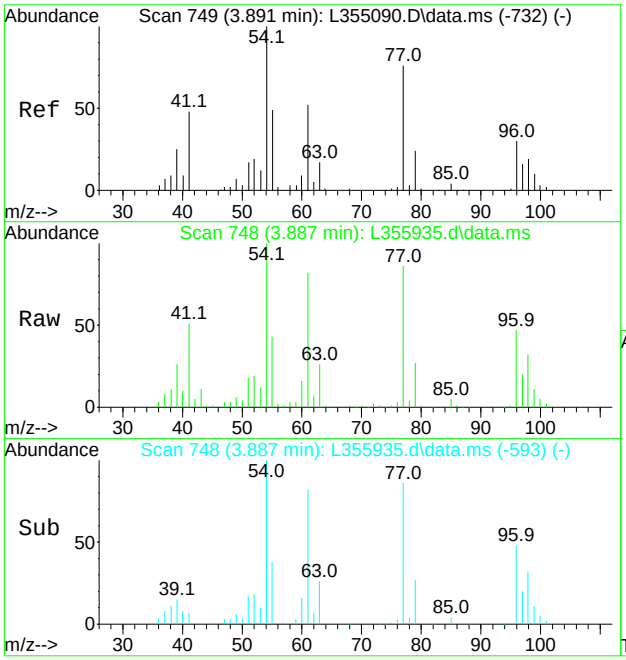


#35
ethyl acetate
Concen: 47.7491 ug/L
RT: 3.858 min Scan# 739
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 45 Resp: 41636

Ion	Ratio	Lower	Upper
45	100		
61	185.1	146.7	206.7
70	65.5	27.4	87.4

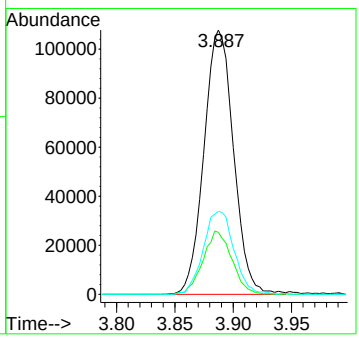


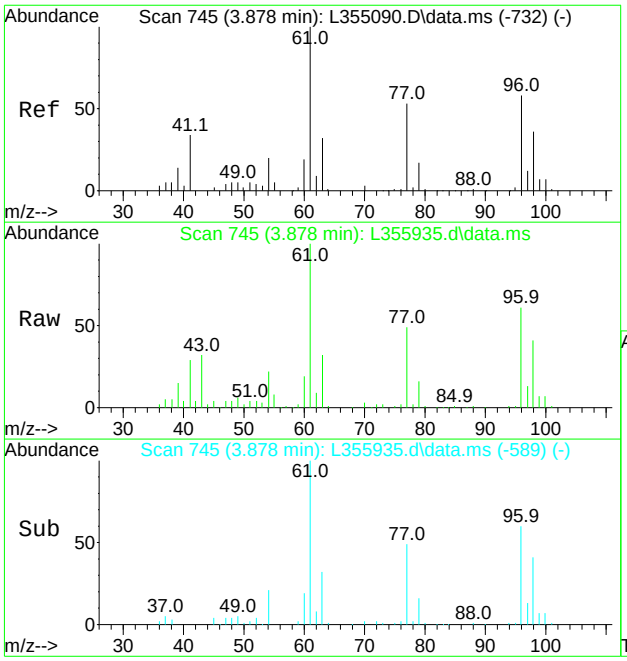


#36
2,2-dichloropropane
Concen: 42.7970 ug/L
RT: 3.887 min Scan# 748
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 77 Resp: 190617

Ion	Ratio	Lower	Upper
77	100		
97	23.5	0.0	51.0
79	31.4	1.4	61.4

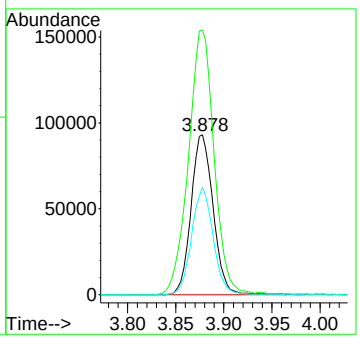


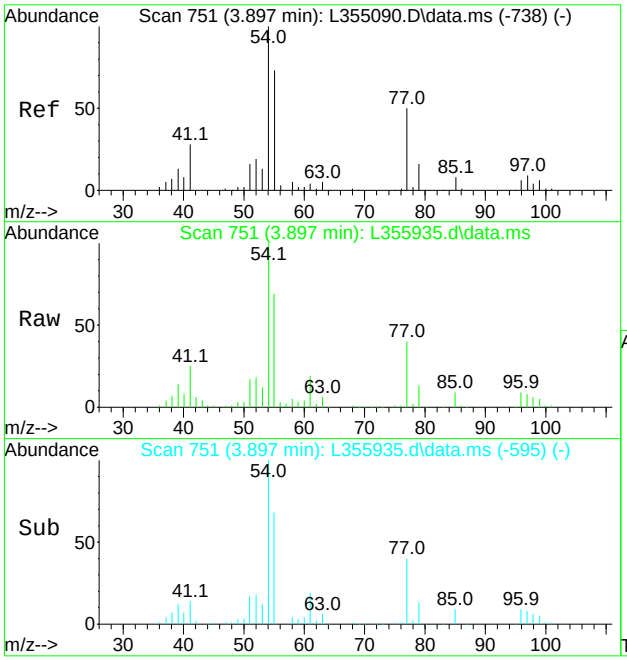


#37
cis-1,2-dichloroethene
Concen: 51.6840 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 96 Resp: 149068

Ion	Ratio	Lower	Upper
96	100		
61	164.4	141.8	201.8
98	67.3	32.2	92.2

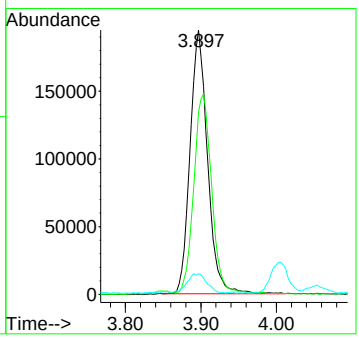


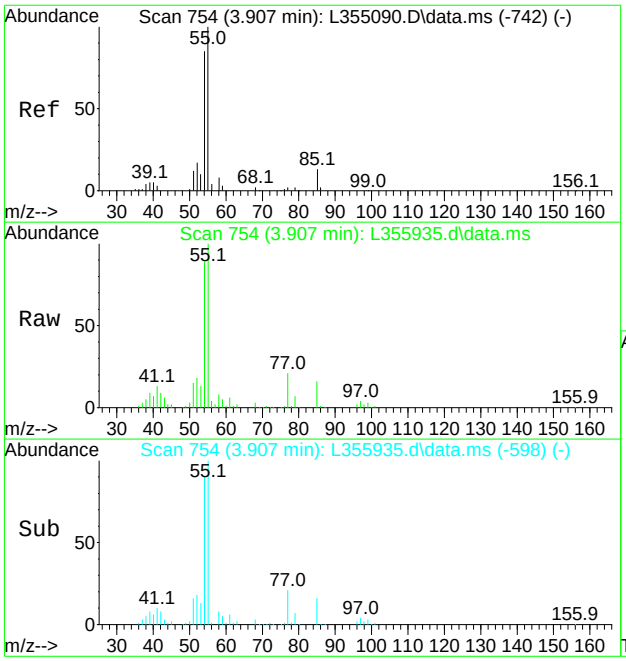


#38
propionitrile
Concen: 475.5528 ug/L
RT: 3.897 min Scan# 751
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 54 Resp: 312804

Ion	Ratio	Lower	Upper
54	100		
55	68.7	43.2	103.2
40	6.8	0.0	38.0

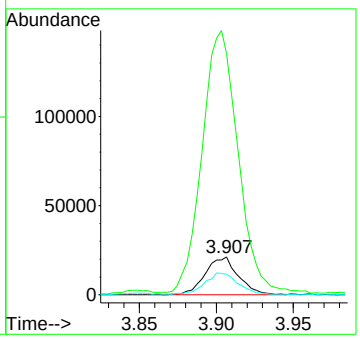


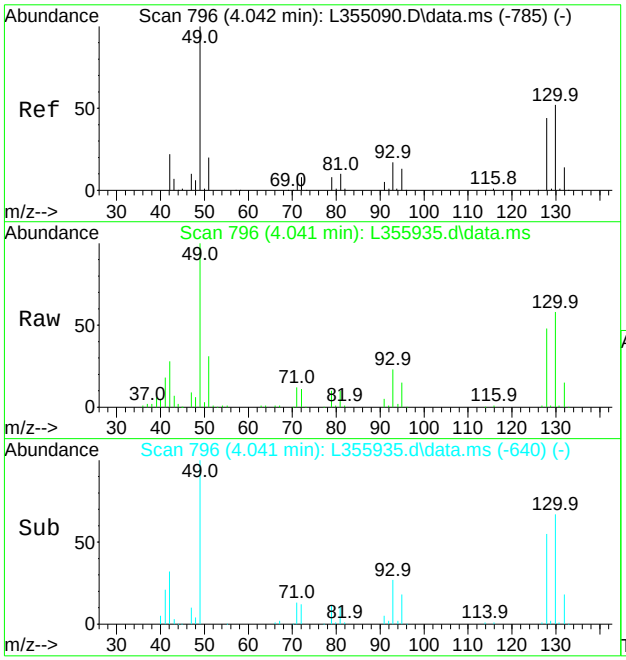


#39
methyl acrylate
Concen: 57.2856 ug/L
RT: 3.907 min Scan# 754
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 85 Resp: 31537

Ion	Ratio	Lower	Upper
85	100		
55	631.0	762.7	802.7#
58	52.7	40.5	80.5

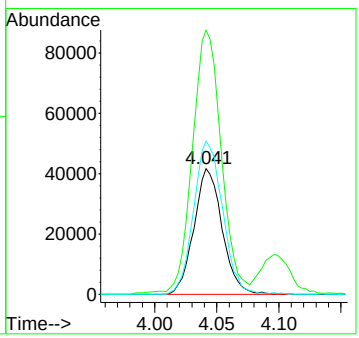


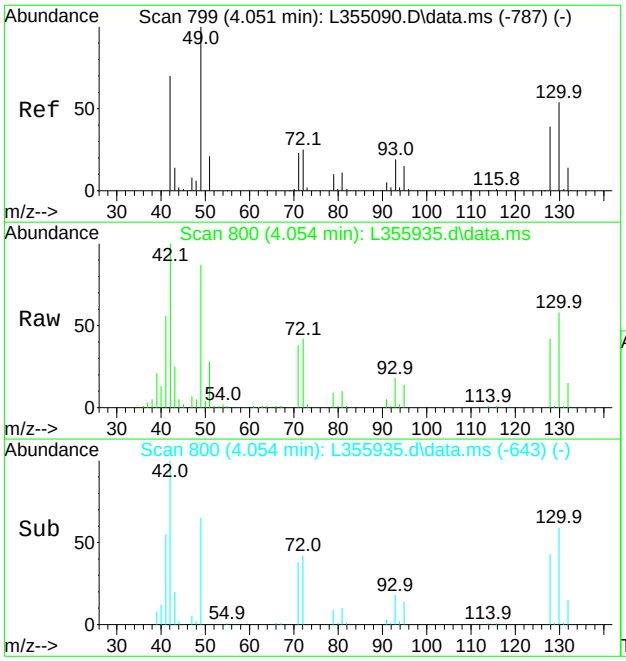


#40
bromochloromethane
Concen: 50.3776 ug/L
RT: 4.041 min Scan# 796
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:128 Resp: 65842

Ion	Ratio	Lower	Upper
128	100		
49	207.5	196.9	256.9
130	122.0	87.7	147.7

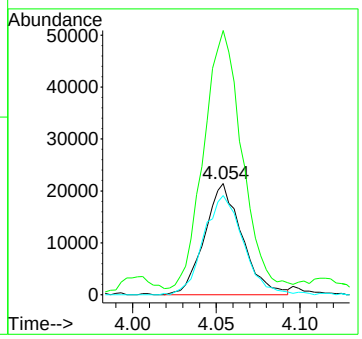


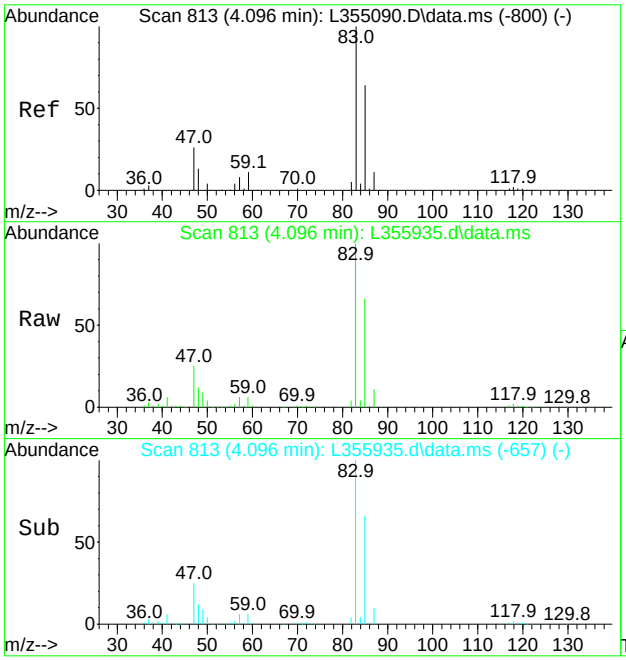


#41
tetrahydrofuran
Concen: 57.7263 ug/L
RT: 4.054 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 72 Resp: 33434

Ion	Ratio	Lower	Upper
72	100		
42	231.6	246.3	306.3#
71	88.0	61.6	121.6

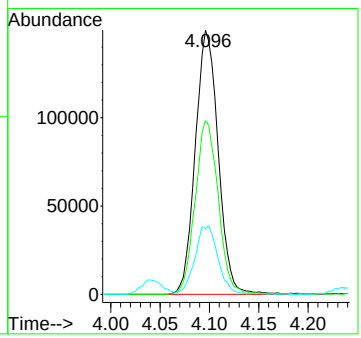


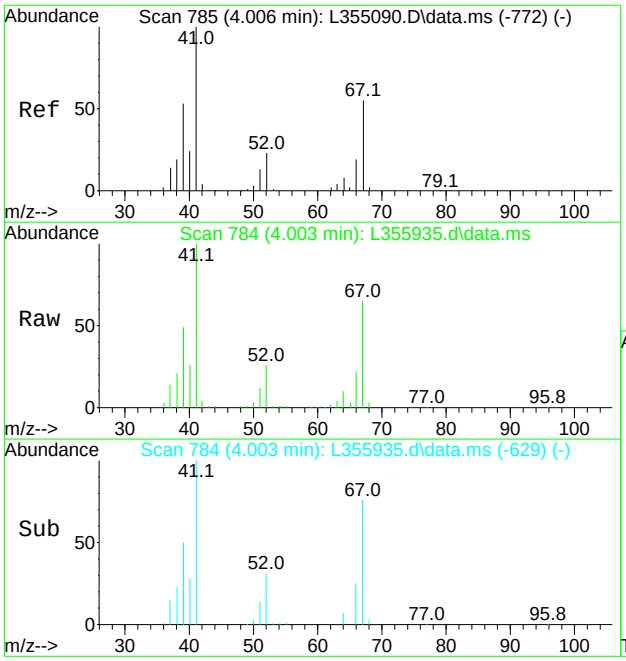


#42
chloroform
Concen: 46.4596 ug/L
RT: 4.096 min Scan# 813
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 83 Resp: 242021

Ion	Ratio	Lower	Upper
83	100		
85	65.8	34.3	94.3
47	24.8	0.0	59.3

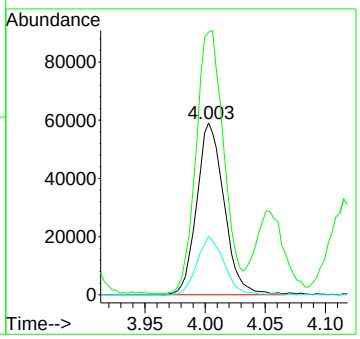


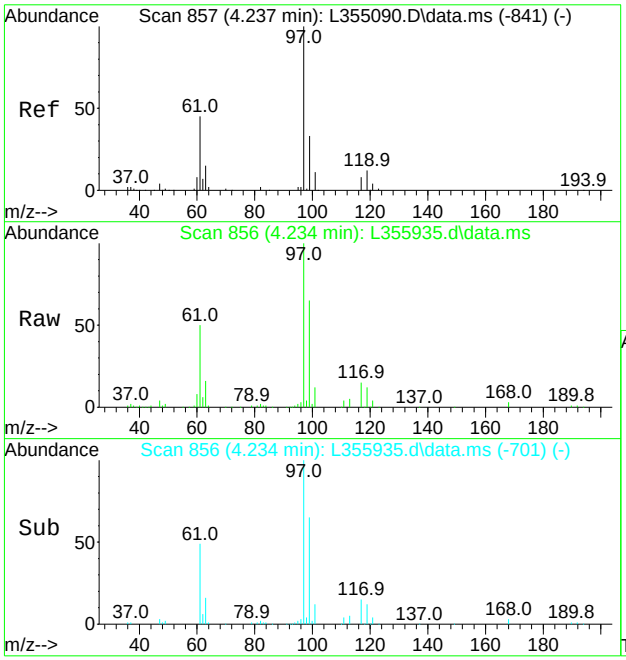


#44
methacrylonitrile
Concen: 54.6578 ug/L
RT: 4.003 min Scan# 784
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 67 Resp: 93531

Ion	Ratio	Lower	Upper
67	100		
41	152.1	150.2	210.2
66	34.1	3.6	63.6

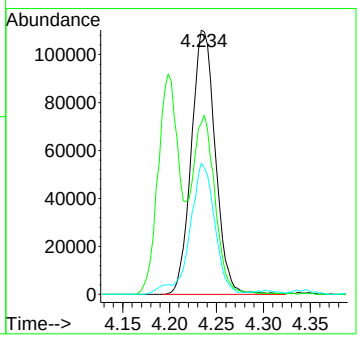


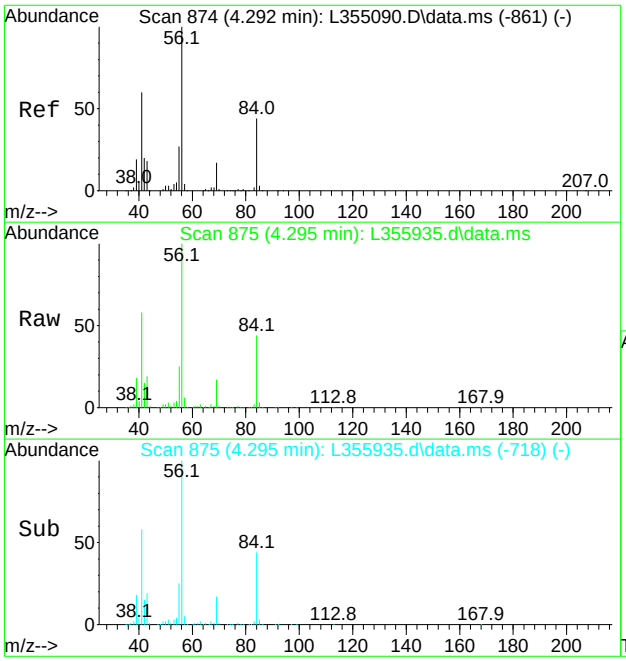


#45
1,1,1-trichloroethane
Concen: 49.3326 ug/L
RT: 4.234 min Scan# 856
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 97 Resp: 195979

Ion	Ratio	Lower	Upper
97	100		
99	64.2	33.3	93.3
61	49.3	14.9	74.9

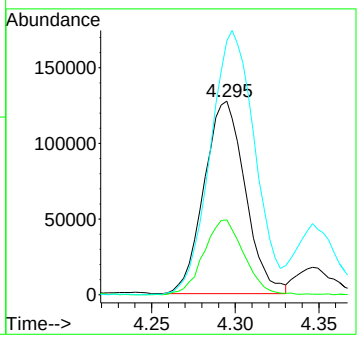


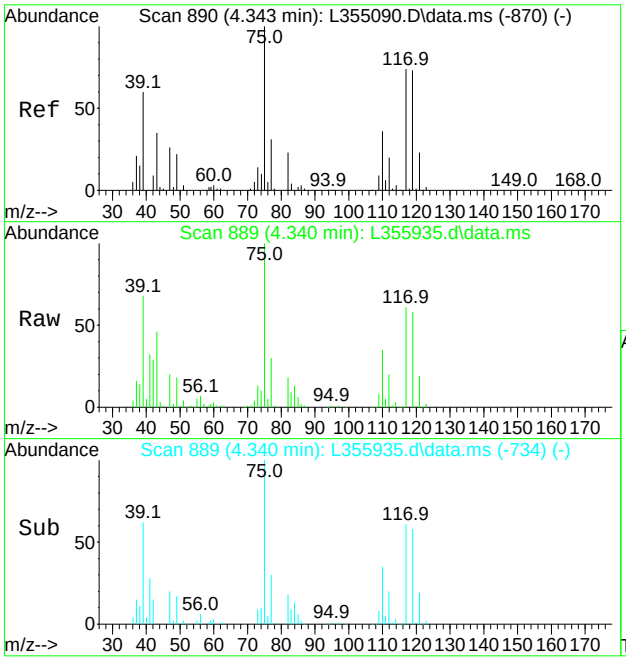


#46
cyclohexane
Concen: 49.8839 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 84 Resp: 217682

Ion	Ratio	Lower	Upper
84	100		
69	38.8	17.8	57.8
41	131.5	116.7	156.7

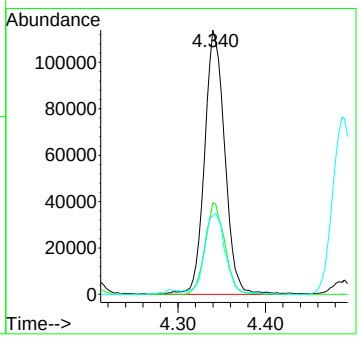


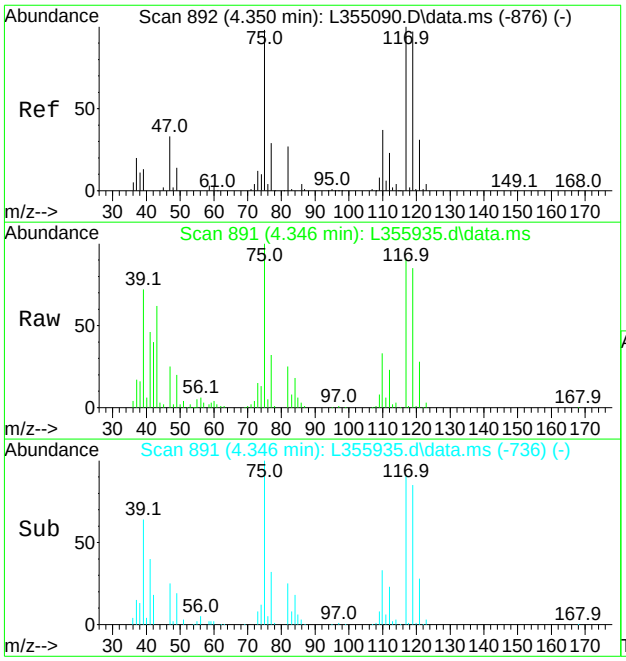


#47
1,1-dichloropropene
Concen: 47.4027 ug/L
RT: 4.340 min Scan# 889
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 75 Resp: 183274

Ion	Ratio	Lower	Upper
75	100		
110	34.7	15.8	55.8
77	29.6	11.6	51.6

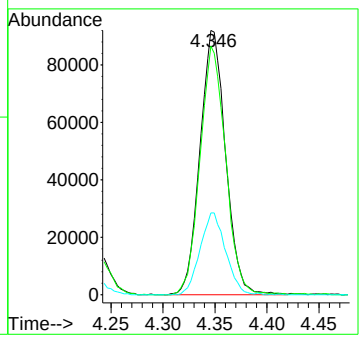


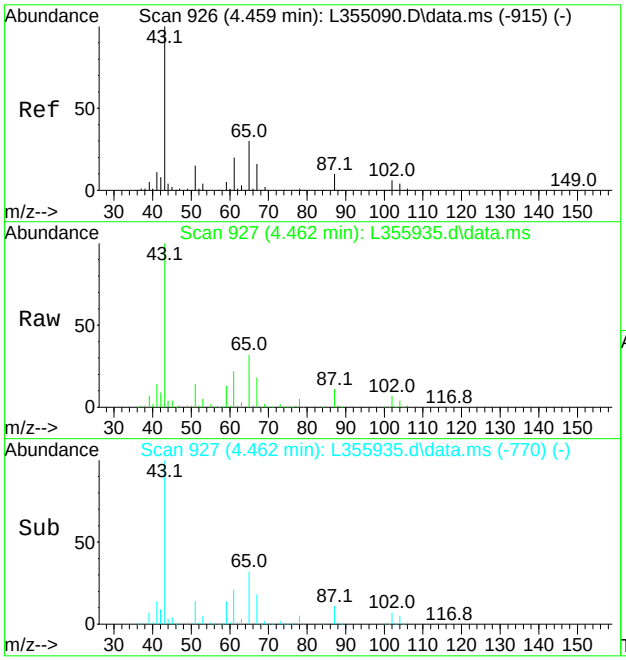


#48
carbon tetrachloride
Concen: 44.9793 ug/L
RT: 4.346 min Scan# 891
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:117 Resp: 157836

Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.1	117.1
121	30.6	11.1	51.1

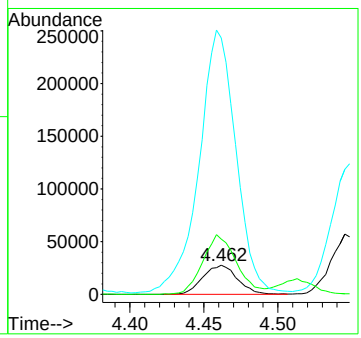


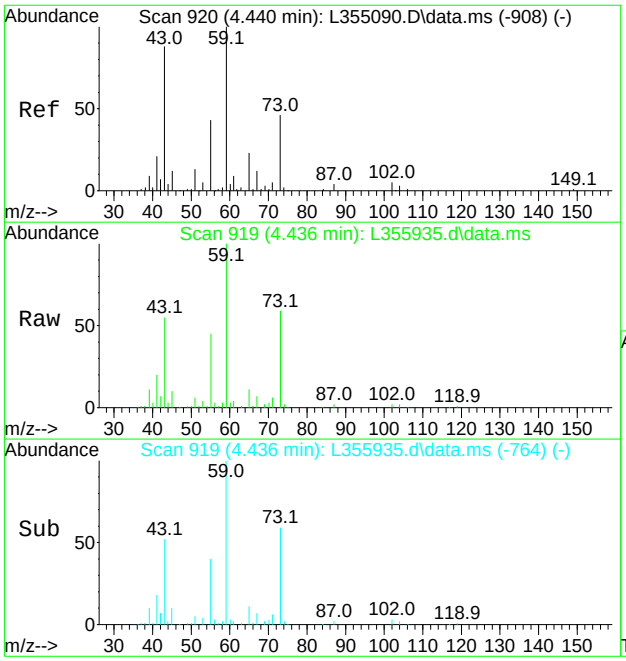


#49
isopropyl acetate
Concen: 55.6254 ug/L
RT: 4.462 min Scan# 927
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 87 Resp: 45091

Ion	Ratio	Lower	Upper
87	100		
61	187.1	185.6	225.6
43	867.4	1029.1	1089.1#

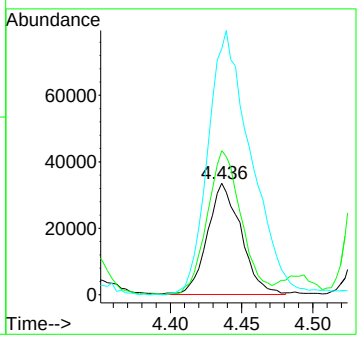


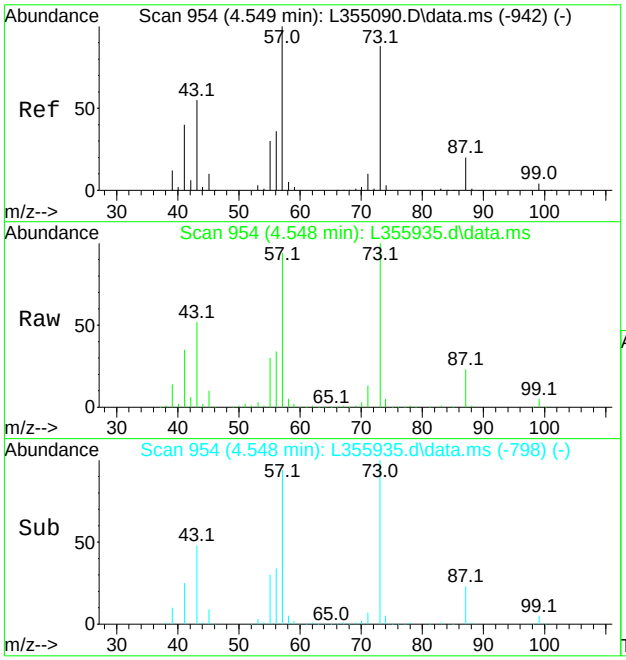


#50
tert amyl alcohol
Concen: 310.1725 ug/L
RT: 4.436 min Scan# 919
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 55 Resp: 55077

Ion	Ratio	Lower	Upper
55	100		
73	130.2	87.0	127.0#
59	222.6	211.2	251.2

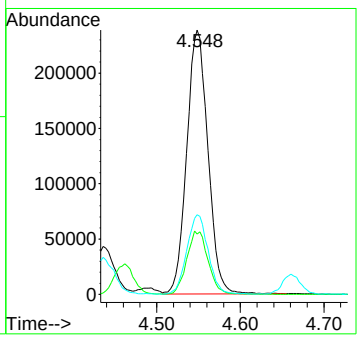


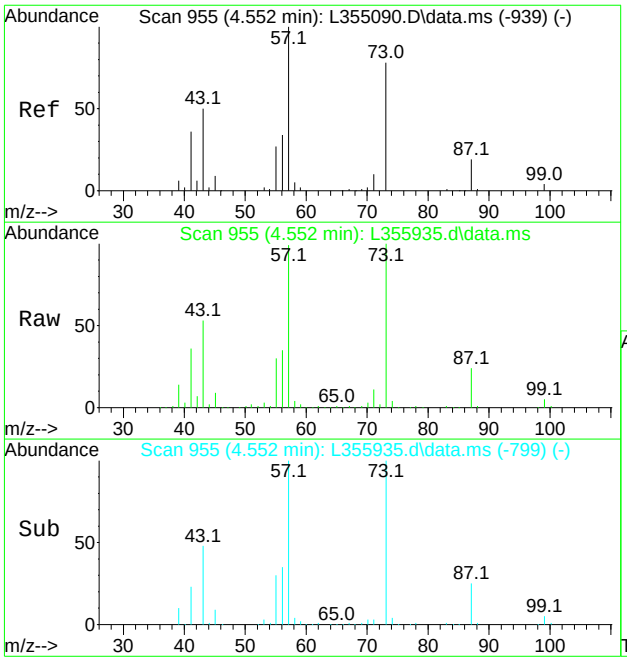


#53
tert-amyl methyl ether
Concen: 42.8037 ug/L
RT: 4.548 min Scan# 954
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 73 Resp: 419575

Ion	Ratio	Lower	Upper
73	100		
87	22.9	2.5	42.5
55	30.1	14.1	54.1

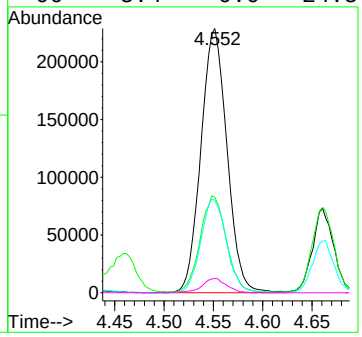


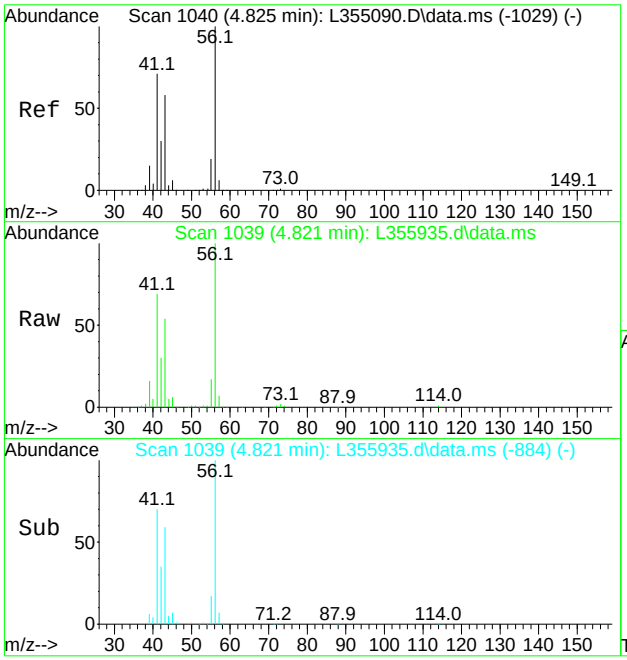


#54
2,2,4-trimethylpentane
Concen: 33.3548 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 57 Resp: 421339

Ion	Ratio	Lower	Upper
57	100		
41	35.8	15.5	55.5
56	35.0	14.0	54.0
99	5.4	0.0	24.5

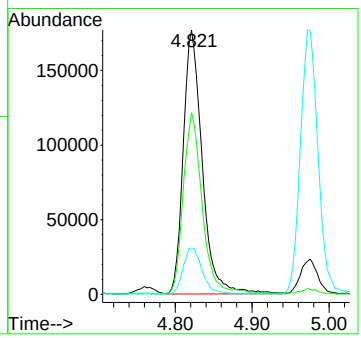


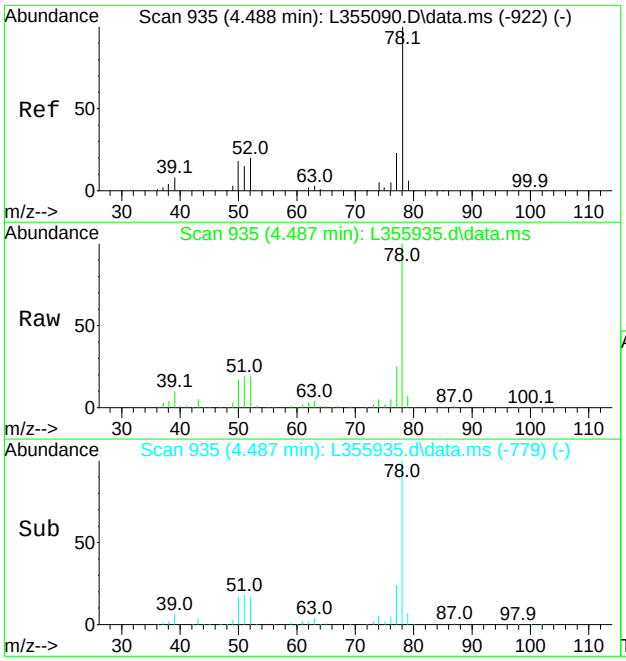


#55
n-butyl alcohol
Concen: 3381.7885 ug/L
RT: 4.821 min Scan# 1039
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 56 Resp: 302587

Ion	Ratio	Lower	Upper
56	100		
41	68.7	40.6	100.6
55	16.9	0.0	48.8

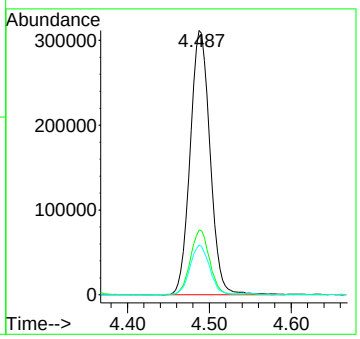


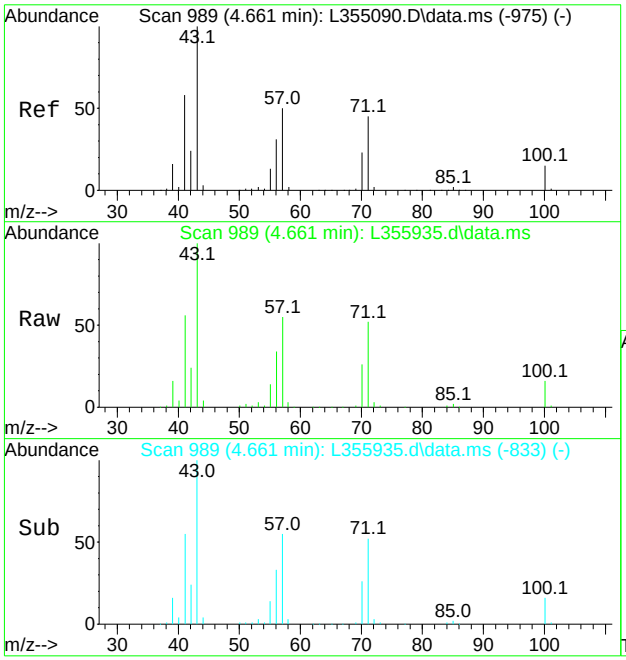


#56
benzene
Concen: 42.7584 ug/L
RT: 4.487 min Scan# 935
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 78 Resp: 526513

Ion	Ratio	Lower	Upper
78	100		
77	24.5	0.0	53.0
52	18.8	0.0	50.0

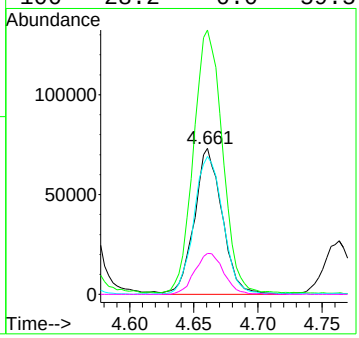


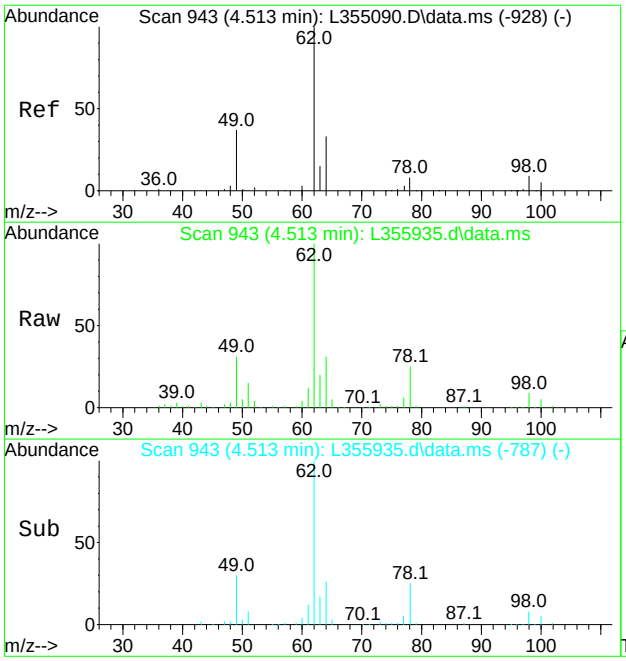


#57
heptane
Concen: 37.3728 ug/L
RT: 4.661 min Scan# 989
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 57 Resp: 110870

Ion	Ratio	Lower	Upper
57	100		
43	180.8	170.1	230.1
71	94.7	59.7	119.7
100	28.2	0.0	59.5

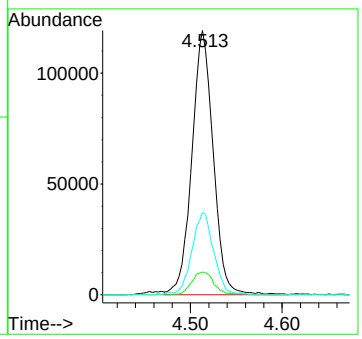


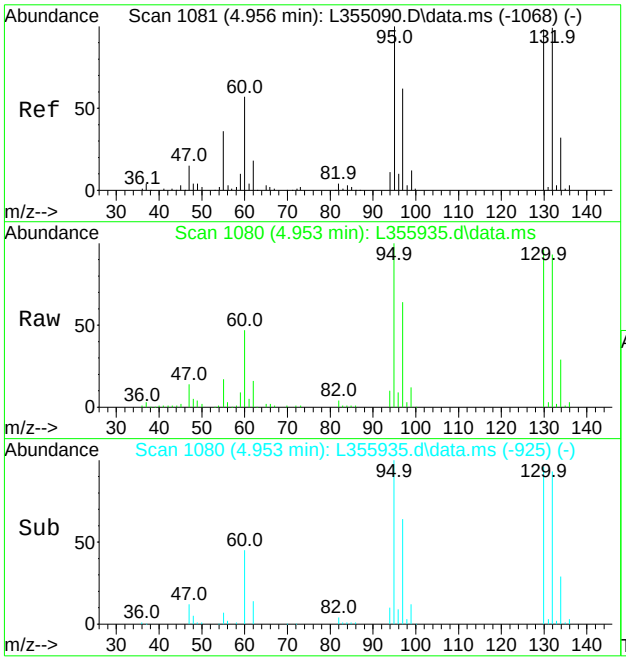


#58
1,2-dichloroethane
Concen: 42.4836 ug/L
RT: 4.513 min Scan# 943
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 62 Resp: 193448

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	39.1
64	30.8	2.9	62.9

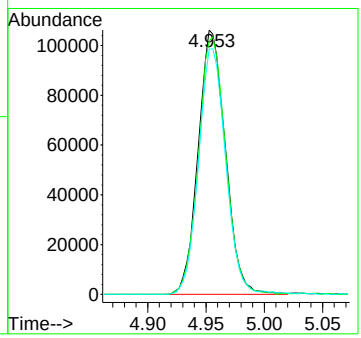


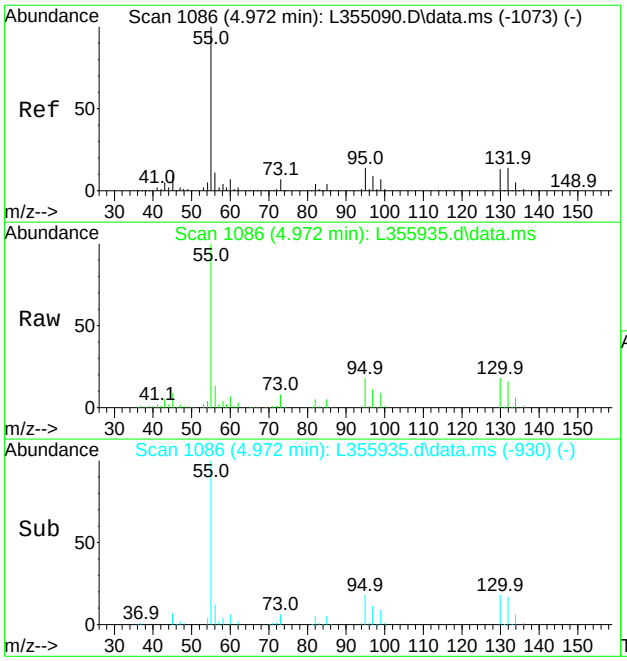


#59
trichloroethene
Concen: 53.0030 ug/L
RT: 4.953 min Scan# 1080
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 95 Resp: 172601

Ion	Ratio	Lower	Upper
95	100		
130	95.8	68.4	128.4
132	92.8	68.7	128.7

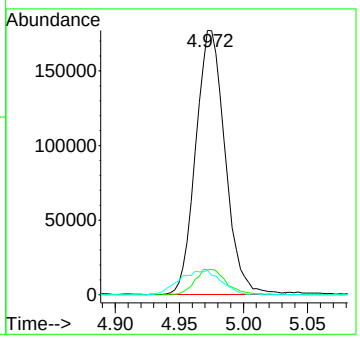


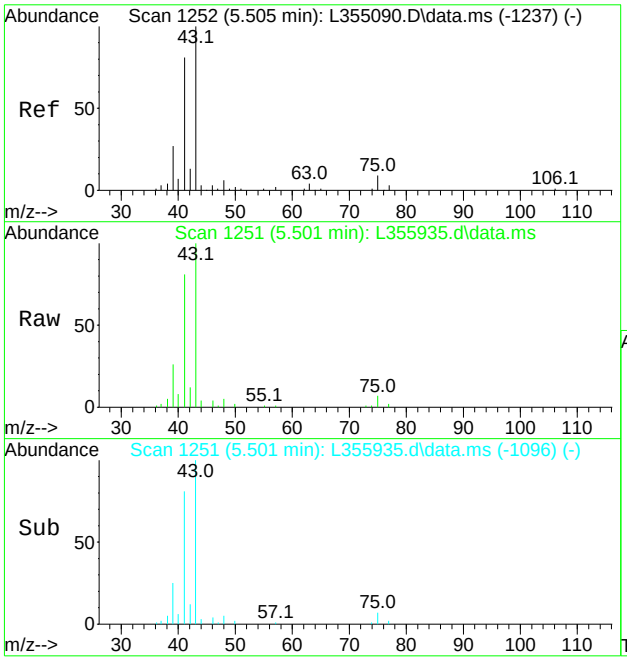


#60
ethyl acrylate
Concen: 42.1053 ug/L
RT: 4.972 min Scan# 1086
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 55 Resp: 282493

Ion	Ratio	Lower	Upper
55	100		
45	9.4	0.0	30.3
99	9.1	0.0	27.2

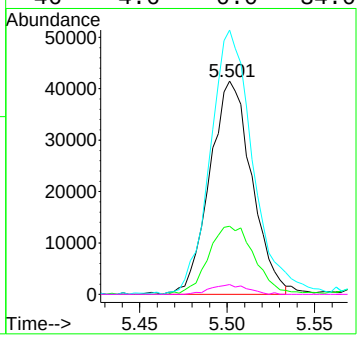


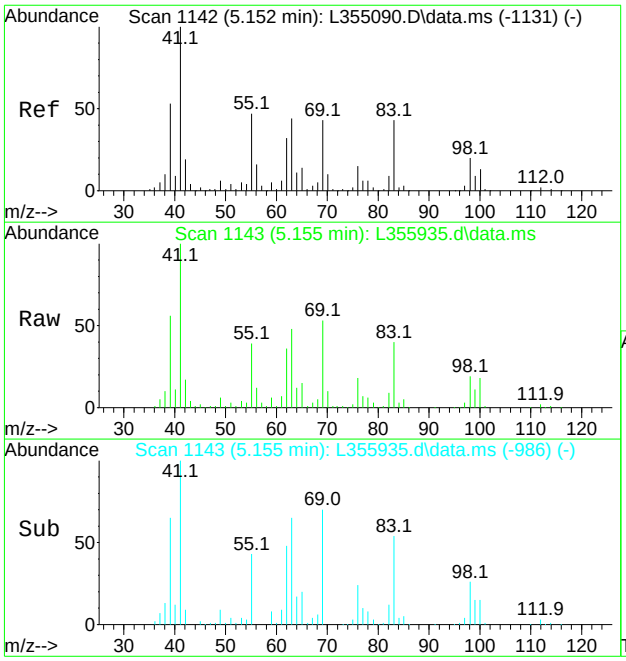


#61
2-nitropropane
Concen: 42.7141 ug/L
RT: 5.501 min Scan# 1251
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 41 Resp: 69302

Ion	Ratio	Lower	Upper
41	100		
39	31.9	3.7	63.7
43	124.0	92.8	152.8
46	4.6	0.0	34.0

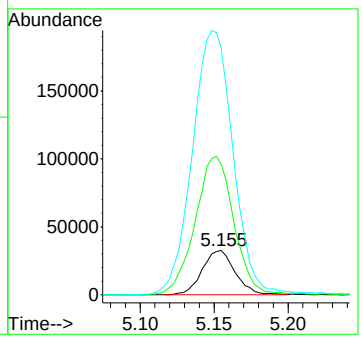


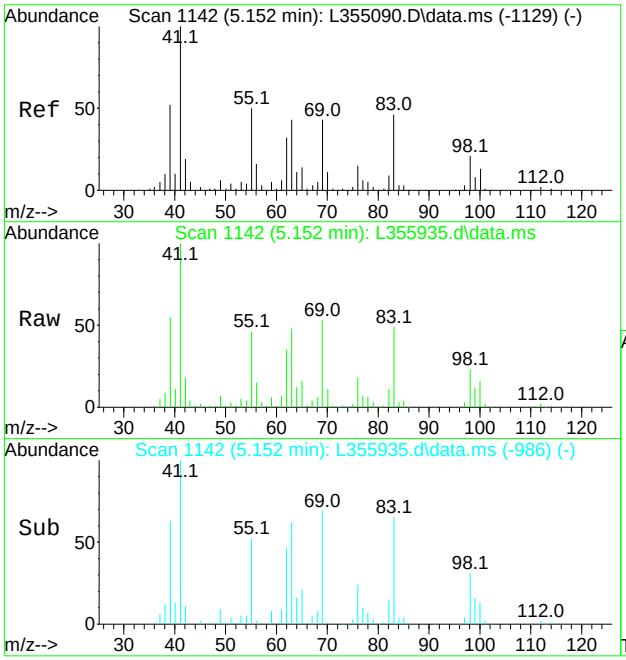


#63
methyl methacrylate
Concen: 50.6040 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:100 Resp: 50431

Ion	Ratio	Lower	Upper
100	100		
69	291.4	303.9	363.9#
41	548.9	748.3	808.3#

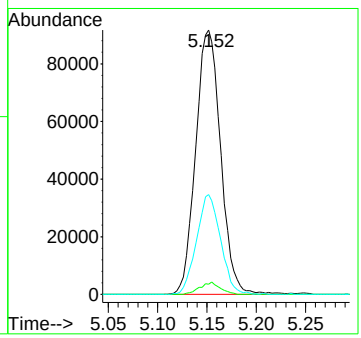


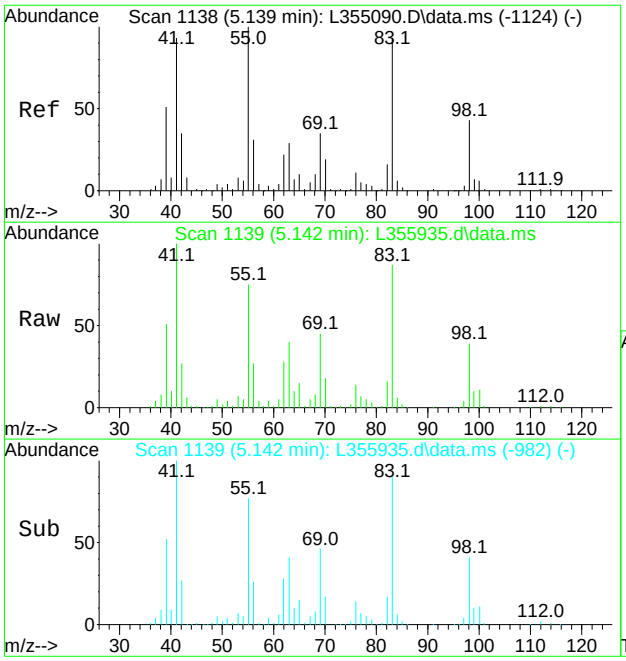


#64
1,2-dichloropropane
Concen: 41.0604 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 63 Resp: 161605

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	33.9
76	37.7	3.9	63.9

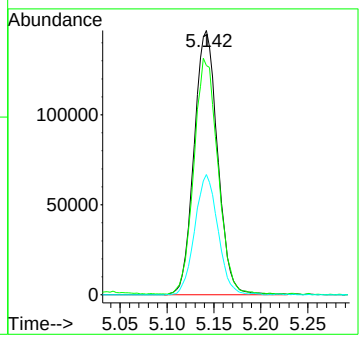


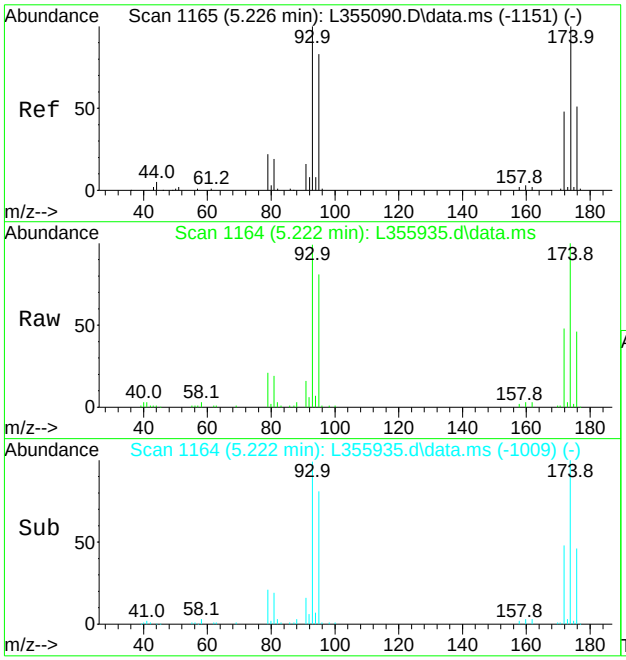


#65
methylcyclohexane
Concen: 43.2391 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 83 Resp: 256764

Ion	Ratio	Lower	Upper
83	100		
55	86.4	77.0	137.0
98	45.5	16.0	76.0

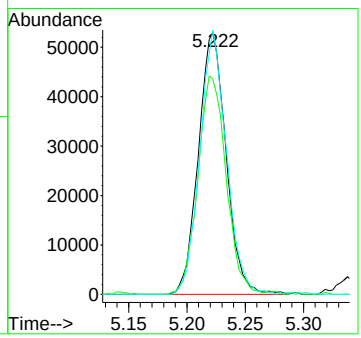


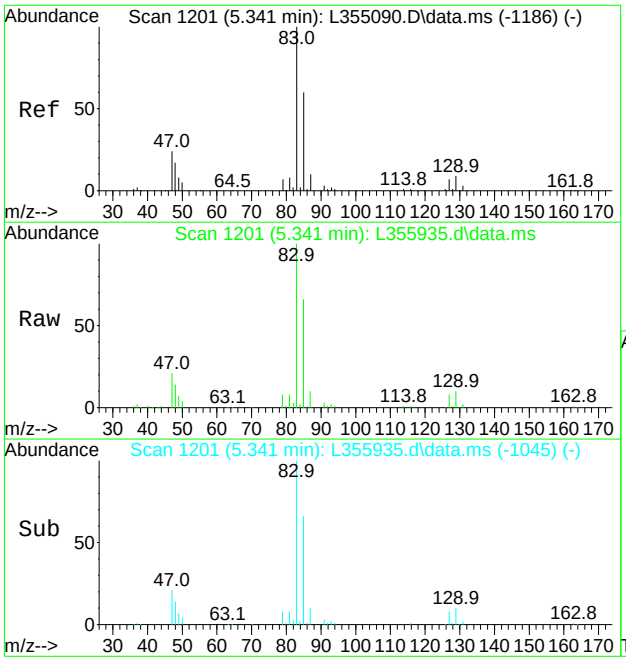


#66
dibromomethane
Concen: 45.5984 ug/L
RT: 5.222 min Scan# 1164
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 93 Resp: 87675

Ion	Ratio	Lower	Upper
93	100		
95	82.0	52.7	112.7
174	100.9	70.1	130.1

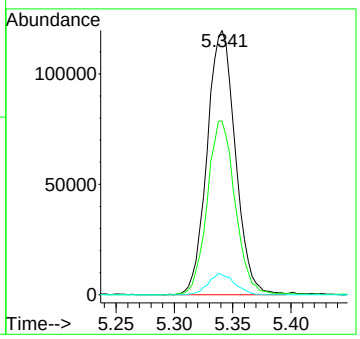


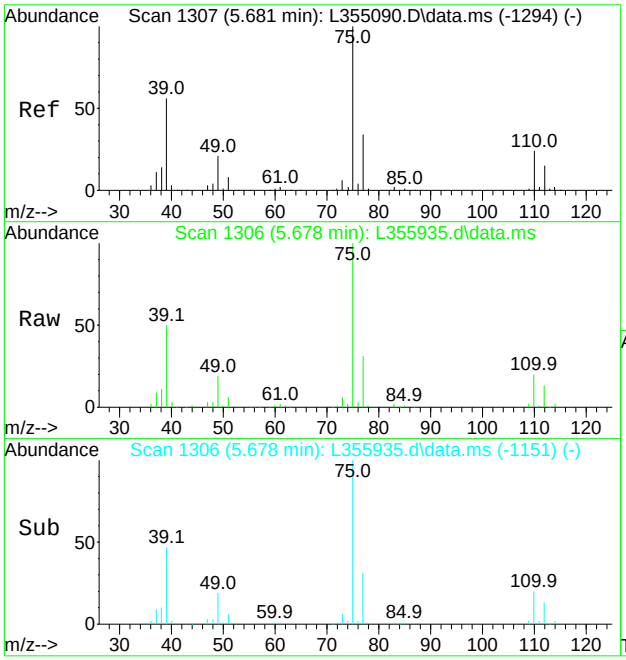


#67
bromodichloromethane
Concen: 44.2584 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 83 Resp: 202058

Ion	Ratio	Lower	Upper
83	100		
85	65.7	30.1	90.1
127	7.5	0.0	37.3

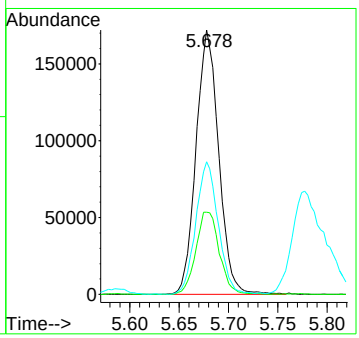


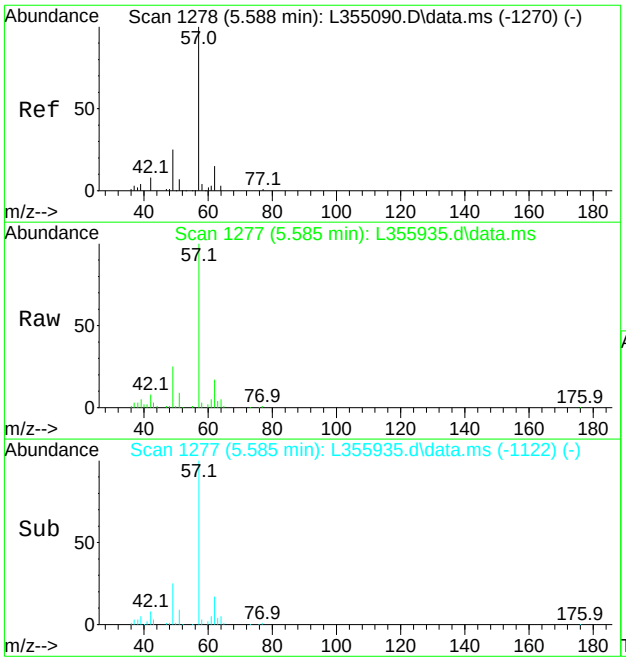


#68
cis-1,3-dichloropropene
Concen: 46.9852 ug/L
RT: 5.678 min Scan# 1306
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 75 Resp: 275252

Ion	Ratio	Lower	Upper
75	100		
77	31.1	4.0	64.0
39	50.0	25.8	85.8

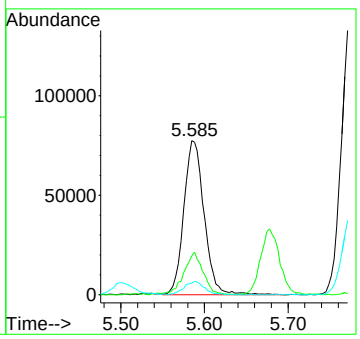


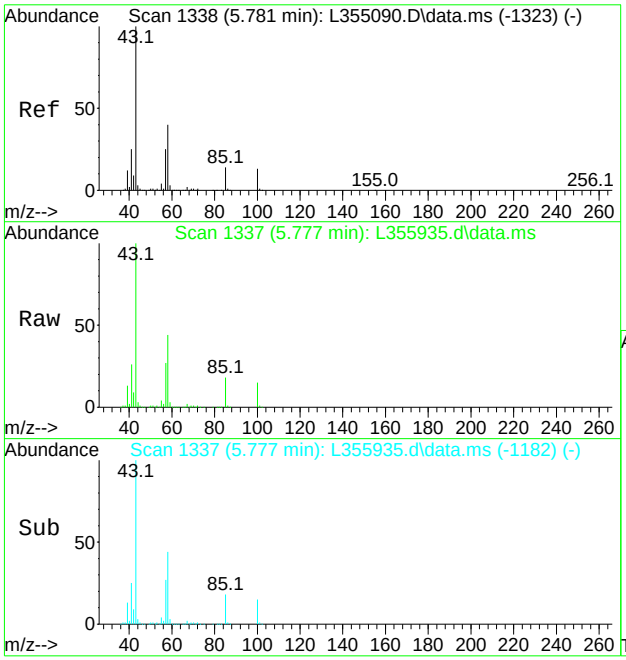


#69
epichlorohydrin
Concen: 250.9184 ug/L
RT: 5.585 min Scan# 1277
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 57 Resp: 131262

Ion	Ratio	Lower	Upper
57	100		
49	24.4	3.3	43.3
42	7.7	0.0	30.7

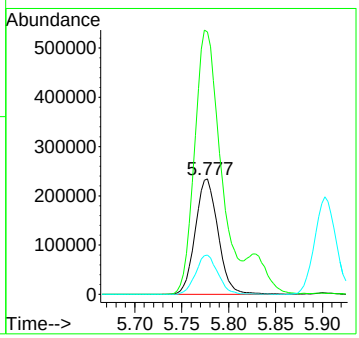


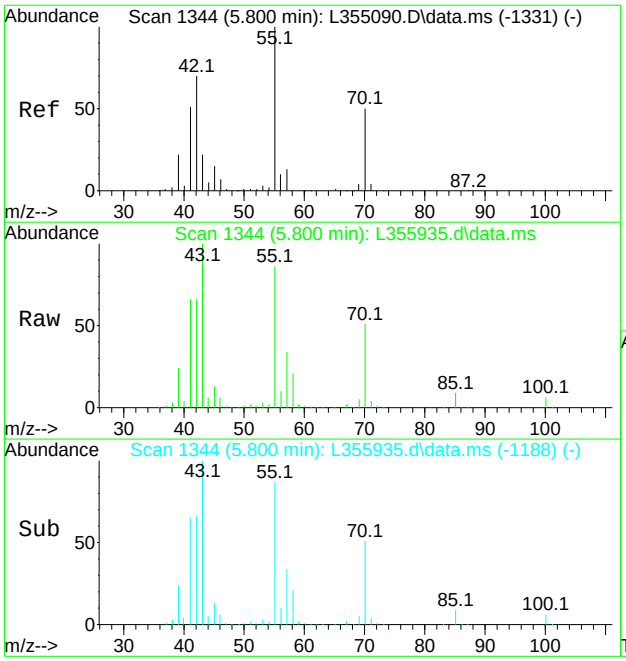


#70
4-methyl-2-pentanone
Concen: 183.5694 ug/L
RT: 5.777 min Scan# 1337
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 58 Resp: 396499

Ion	Ratio	Lower	Upper
58	100		
43	226.9	227.9	267.9#
100	34.1	11.2	51.2

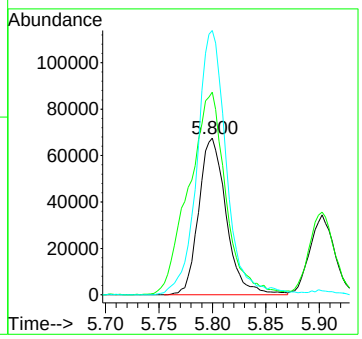


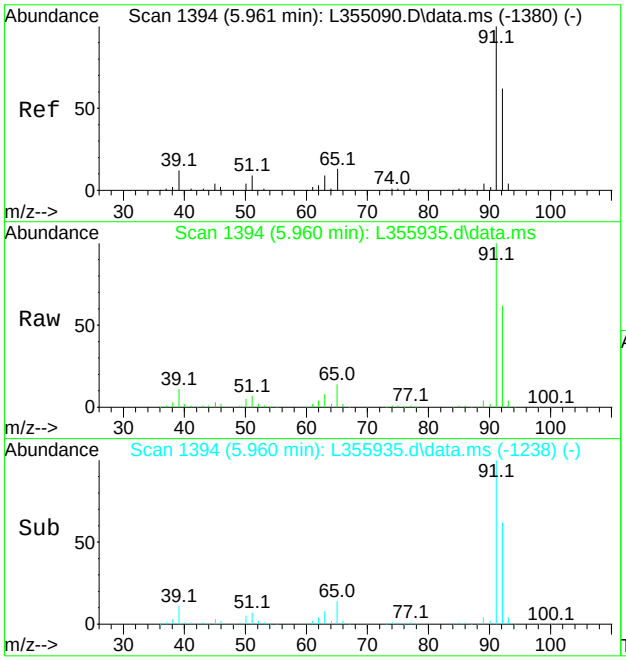


#71
3-methyl-1-butanol
Concen: 1301.8040 ug/L
RT: 5.800 min Scan# 1344
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 70 Resp: 121250

Ion	Ratio	Lower	Upper
70	100		
42	126.7	131.6	171.6#
55	167.2	180.2	220.2#

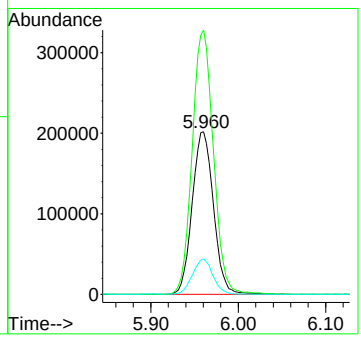


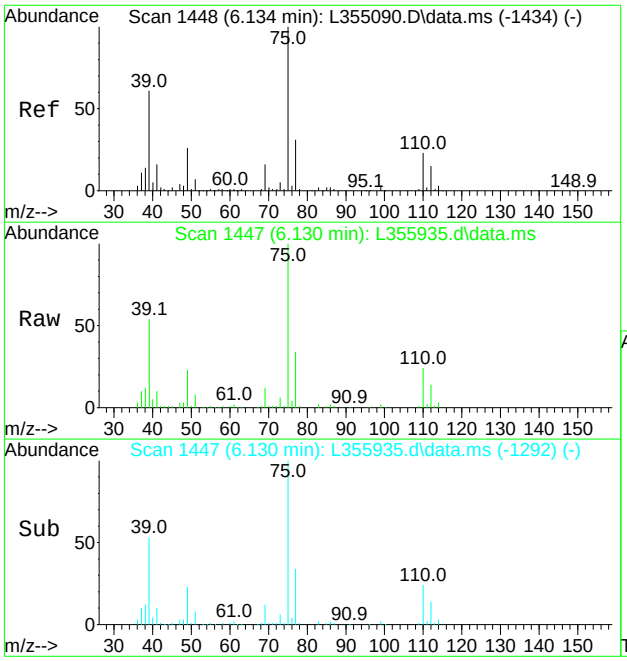


#74
toluene
Concen: 42.6565 ug/L
RT: 5.960 min Scan# 1394
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 92 Resp: 342074

Ion	Ratio	Lower	Upper
92	100		
91	162.5	130.7	190.7
65	22.0	0.0	51.2

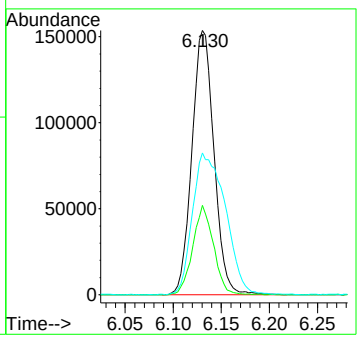


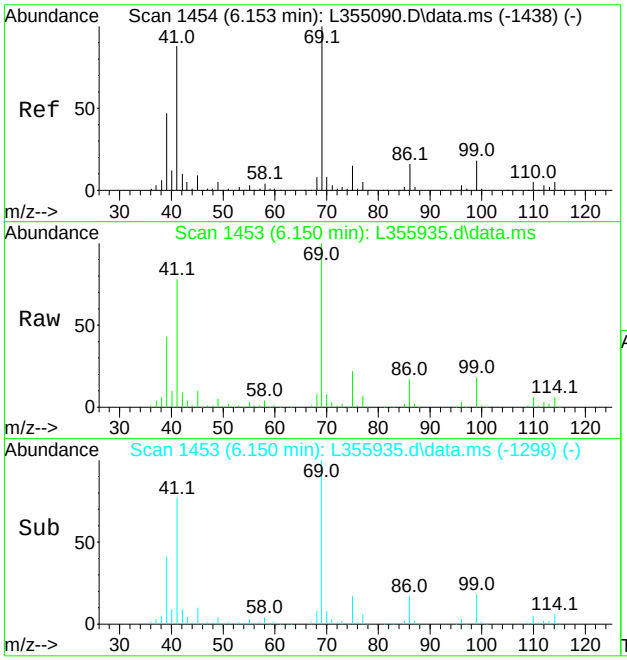


#75
trans-1,3-dichloropropene
Concen: 43.1506 ug/L
RT: 6.130 min Scan# 1447
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 75 Resp: 245990

Ion	Ratio	Lower	Upper
75	100		
77	33.8	1.0	61.0
39	53.4	30.8	90.8

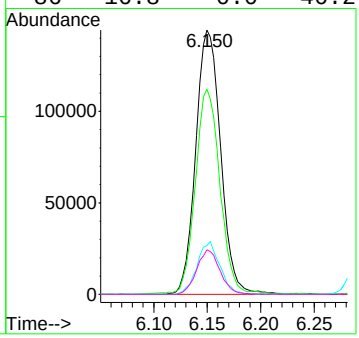


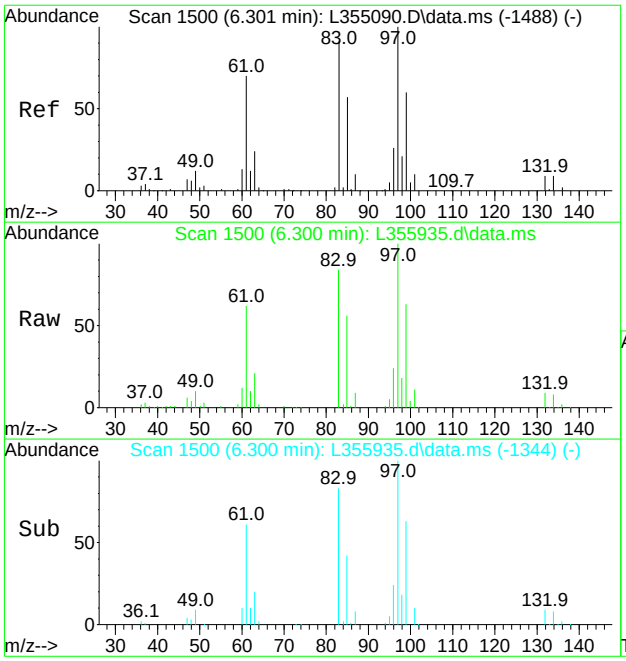


#76
ethyl methacrylate
Concen: 45.0301 ug/L
RT: 6.150 min Scan# 1453
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 69 Resp: 234806

Ion	Ratio	Lower	Upper
69	100		
41	77.4	57.6	117.6
99	18.4	0.0	48.5
86	16.8	0.0	46.2

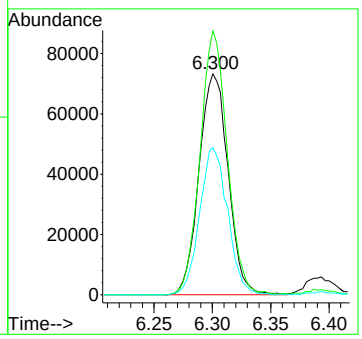


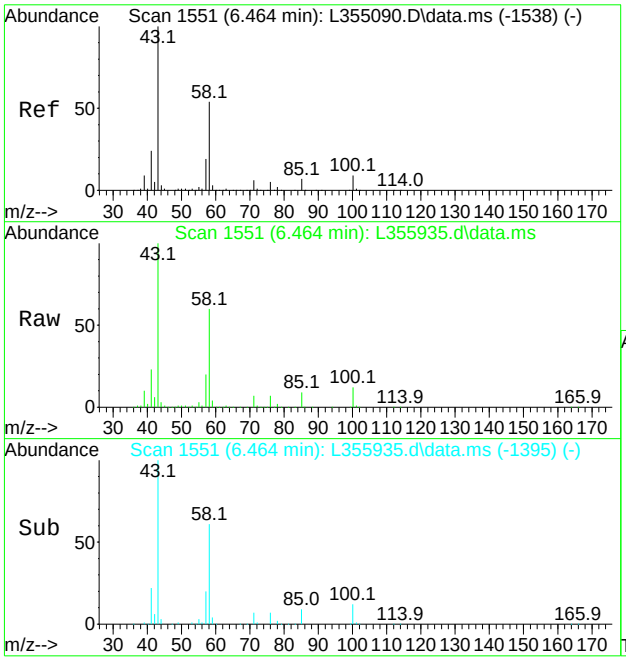


#77
1,1,2-trichloroethane
Concen: 44.9239 ug/L
RT: 6.300 min Scan# 1500
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 83 Resp: 127272

Ion	Ratio	Lower	Upper
83	100		
97	119.6	80.2	140.2
85	66.7	33.0	93.0

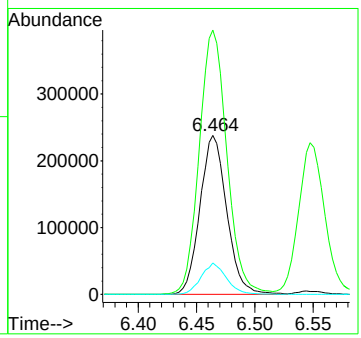


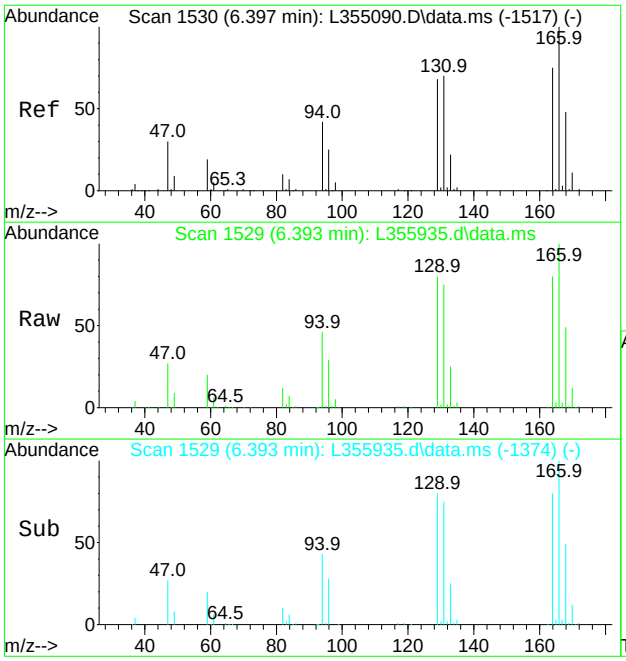


#78
2-hexanone
Concen: 162.3062 ug/L
RT: 6.464 min Scan# 1551
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 58 Resp: 381204

Ion	Ratio	Lower	Upper
58	100		
43	166.0	154.5	214.5
100	19.7	0.0	46.6

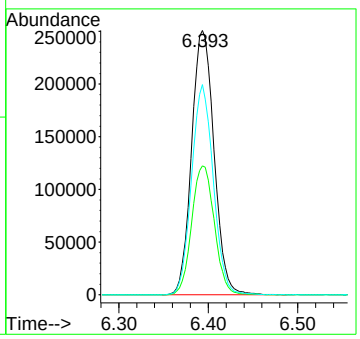


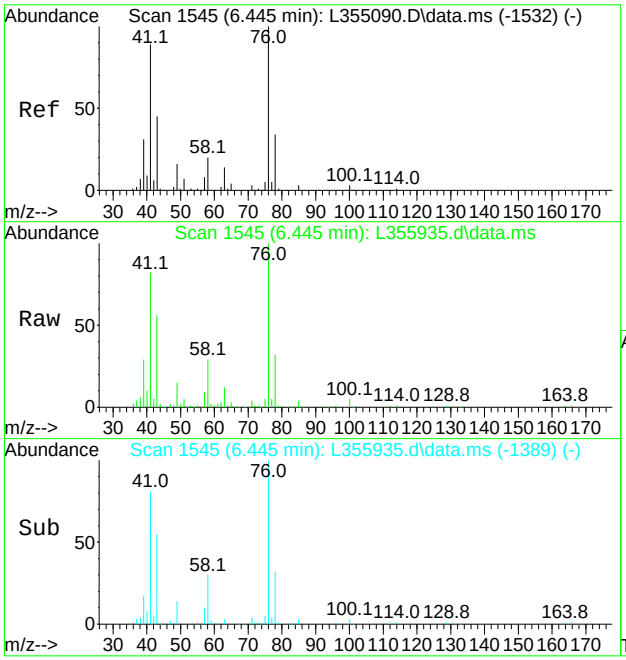


#79
tetrachloroethene
Concen: 130.6750 ug/L
RT: 6.393 min Scan# 1529
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:166 Resp: 437593

Ion	Ratio	Lower	Upper
166	100		
168	48.8	18.3	78.3
129	79.5	38.5	98.5

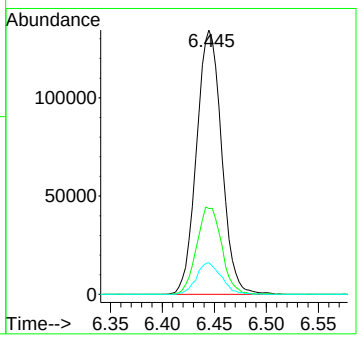


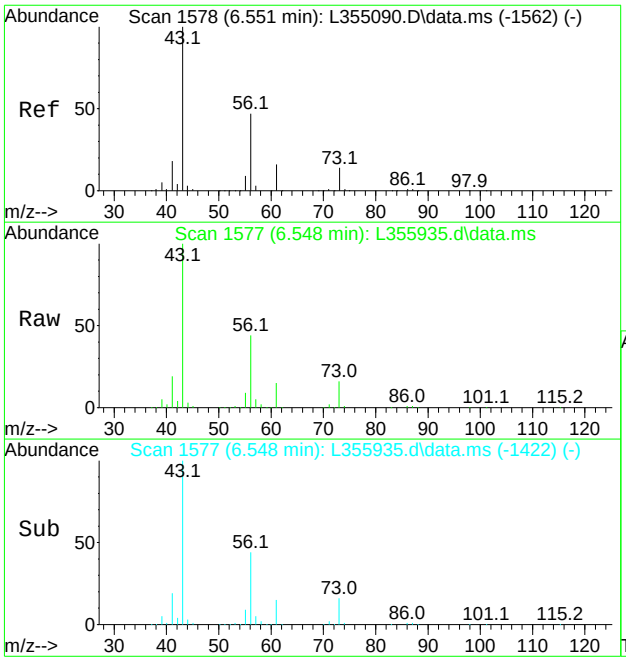


#80
1,3-dichloropropane
Concen: 40.8608 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 76 Resp: 226339

Ion	Ratio	Lower	Upper
76	100		
78	32.5	3.8	63.8
63	12.0	0.0	43.8

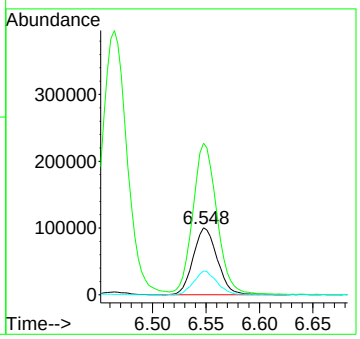


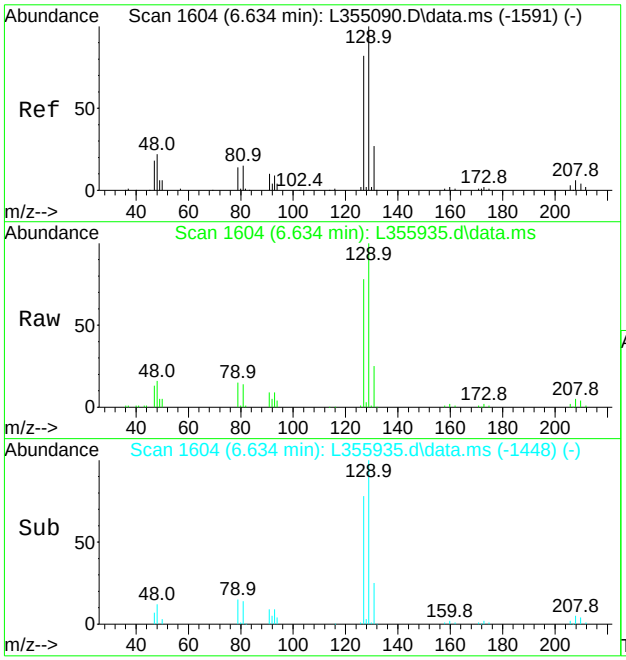


#81
butyl acetate
Concen: 41.8673 ug/L
RT: 6.548 min Scan# 1577
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 56 Resp: 157378

Ion	Ratio	Lower	Upper
56	100		
43	225.2	194.2	254.2
73	35.4	0.0	58.5

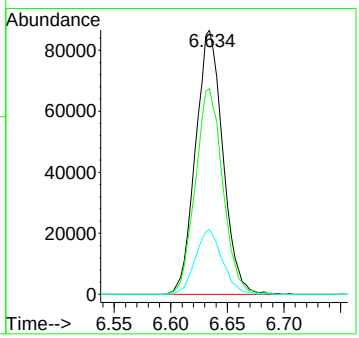


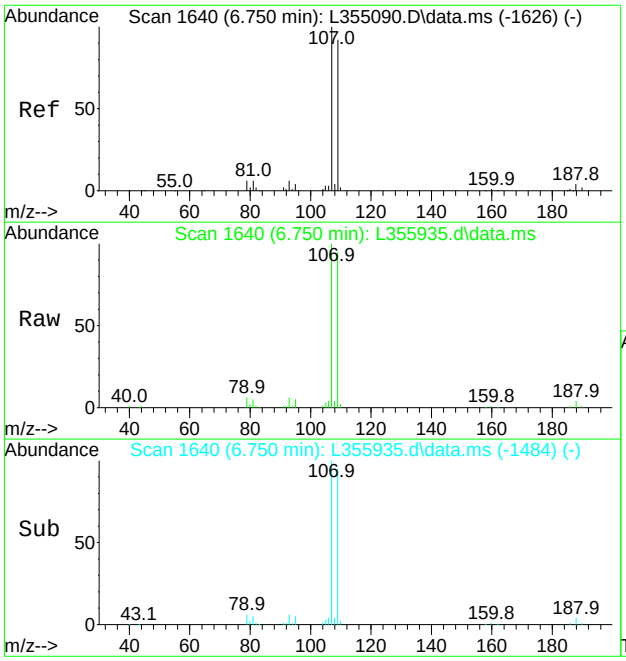


#82
dibromochloromethane
Concen: 42.6525 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:129 Resp: 144880

Ion	Ratio	Lower	Upper
129	100		
127	77.8	51.9	111.9
131	24.6	0.0	56.8

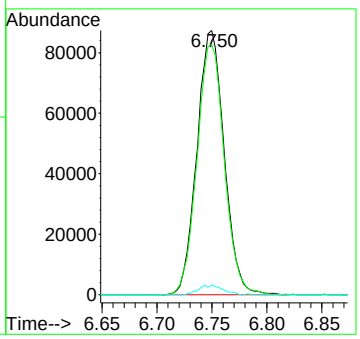


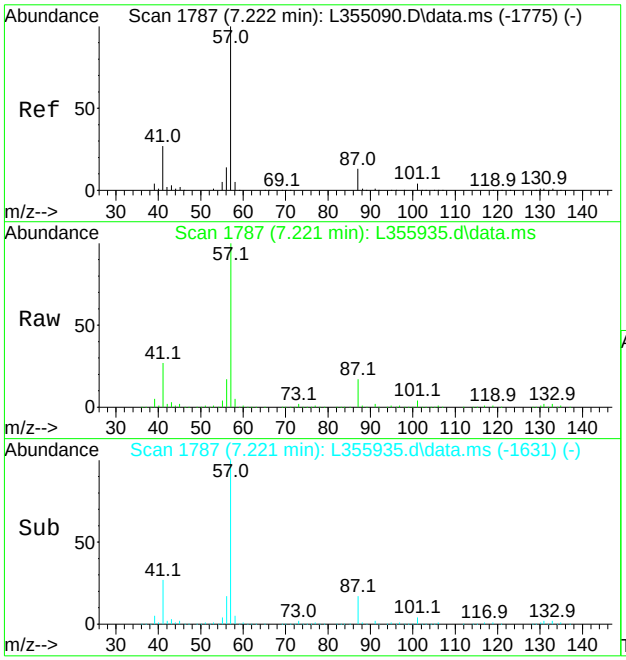


#83
1,2-dibromoethane
Concen: 44.8421 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:107 Resp: 150300

Ion	Ratio	Lower	Upper
107	100		
109	94.7	62.2	122.2
188	3.6	0.0	33.6

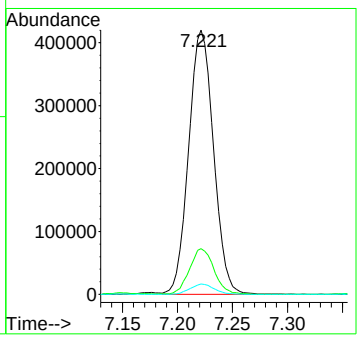


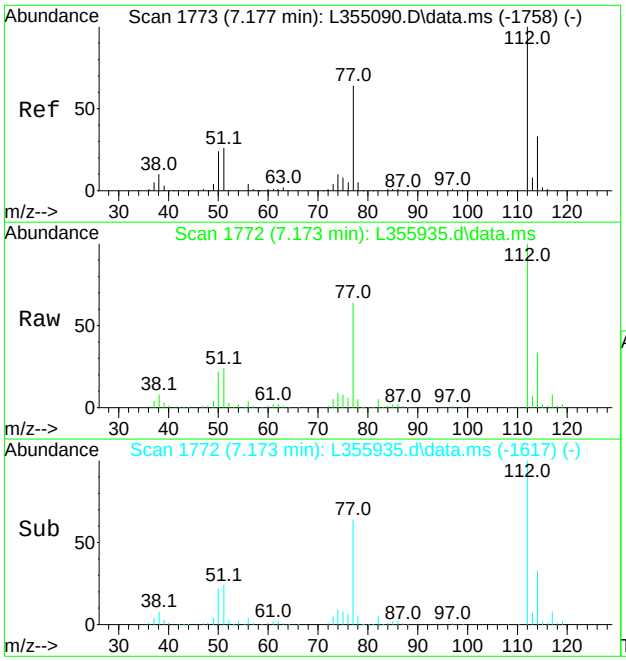


#84
n-butyl ether
Concen: 39.3039 ug/L
RT: 7.221 min Scan# 1787
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 57 Resp: 661426

Ion	Ratio	Lower	Upper
57	100		
87	17.3	0.0	43.5
101	4.0	0.0	33.5

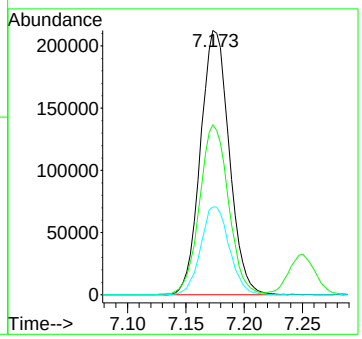


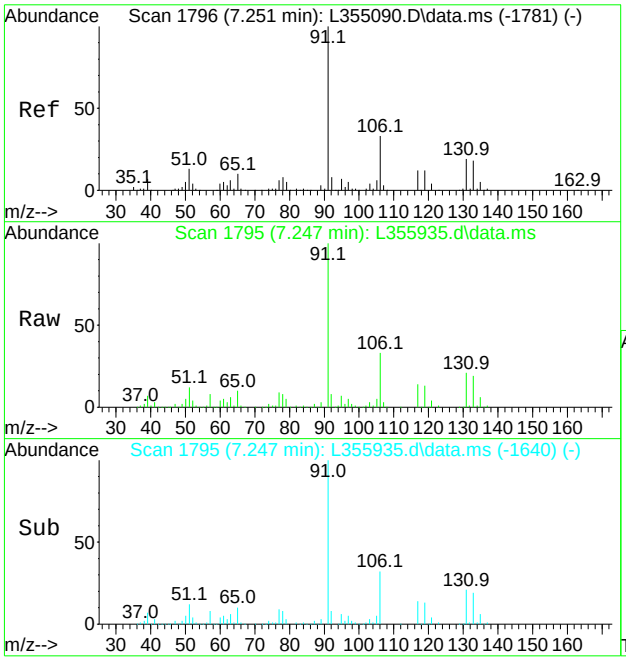


#85
chlorobenzene
Concen: 43.5335 ug/L
RT: 7.173 min Scan# 1772
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:112 Resp: 364479

Ion	Ratio	Lower	Upper
112	100		
77	64.0	34.0	94.0
114	33.2	2.8	62.8

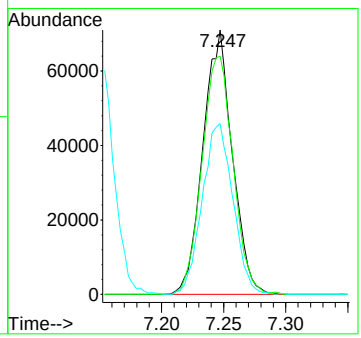




#86
1,1,1,2-tetrachloroethane
Concen: 40.1554 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

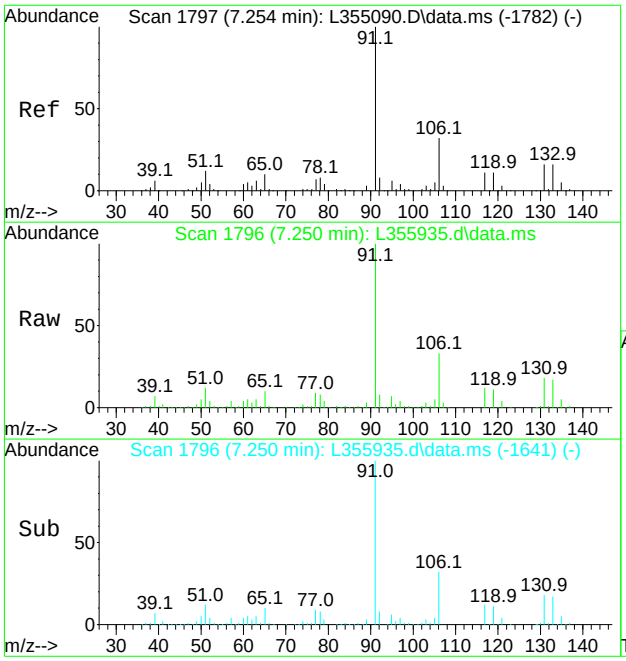
Tgt Ion:131 Resp: 116674

Ion	Ratio	Lower	Upper
131	100		
133	90.0	65.5	125.5
119	64.5	34.9	94.9



7.4.4

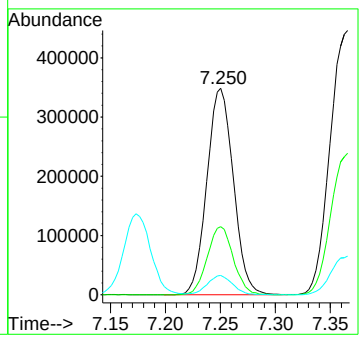
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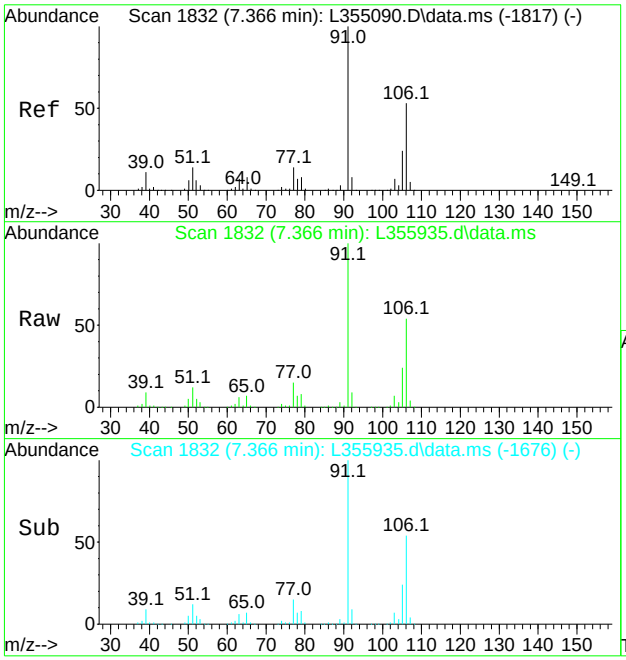


#87
ethylbenzene
Concen: 41.2699 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 91 Resp: 583493

Ion	Ratio	Lower	Upper
91	100		
106	33.1	1.8	61.8
77	9.4	0.0	38.8

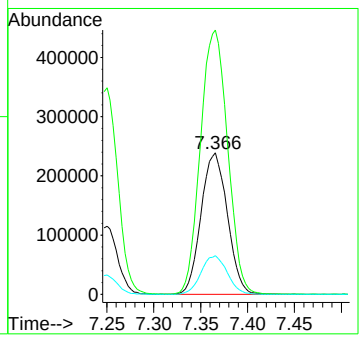


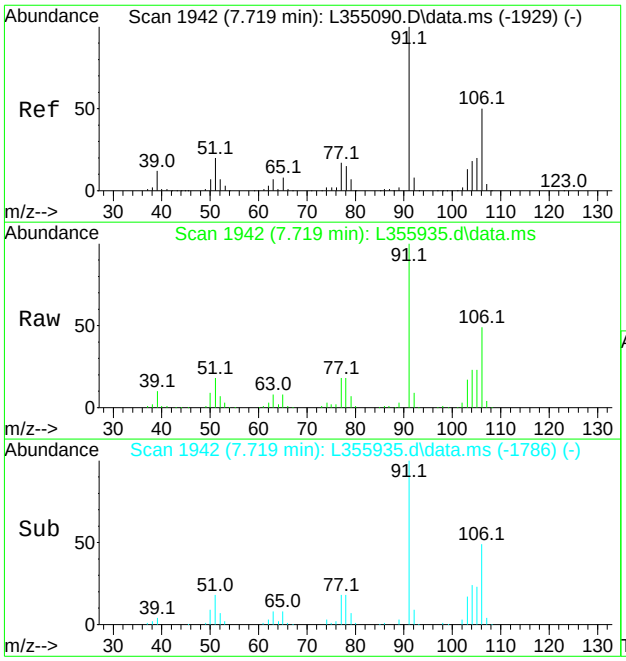


#88
m,p-xylene
Concen: 81.2366 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:106 Resp: 466939

Ion	Ratio	Lower	Upper
106	100		
91	186.6	158.2	218.2
77	27.4	6.9	46.9

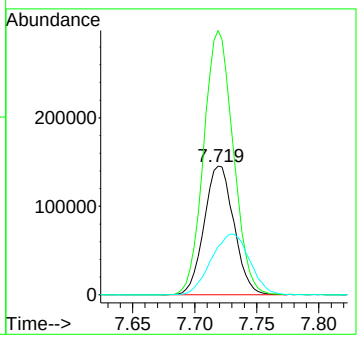


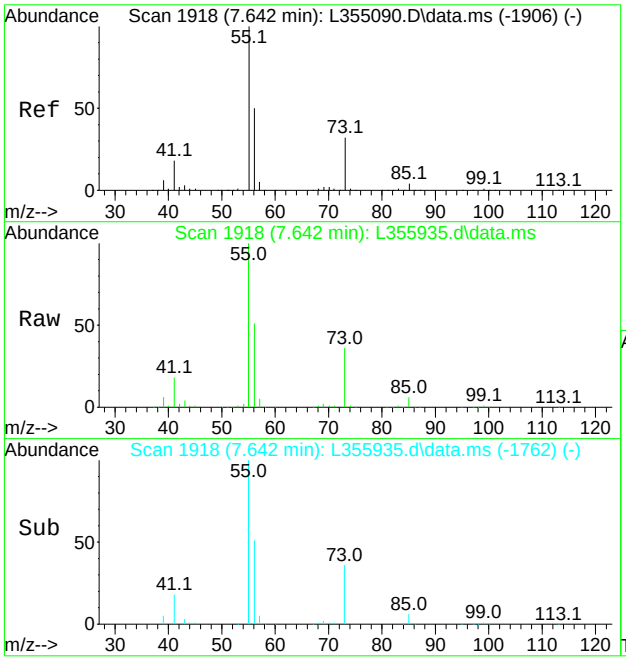


#89
o-xylene
Concen: 41.1702 ug/L
RT: 7.719 min Scan# 1942
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:106 Resp: 242382

Ion	Ratio	Lower	Upper
106	100		
91	205.3	170.0	230.0
77	37.4	14.0	54.0

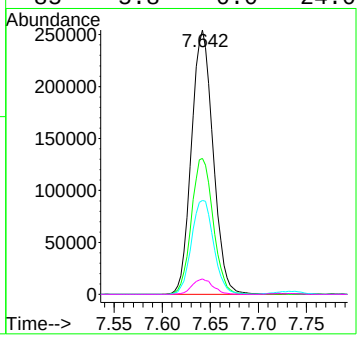


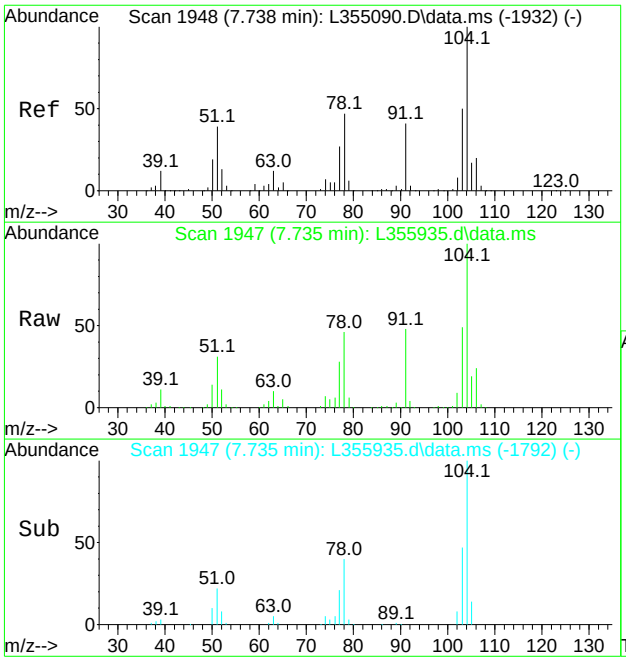


#90
butyl acrylate
Concen: 40.5297 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 55 Resp: 399784

Ion	Ratio	Lower	Upper
55	100		
56	51.4	30.4	70.4
73	35.6	11.9	51.9
85	5.8	0.0	24.0

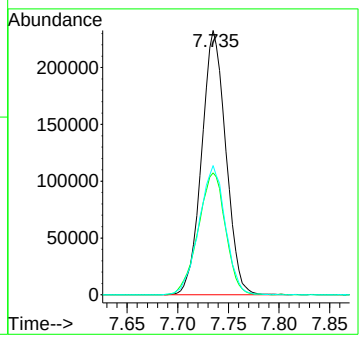


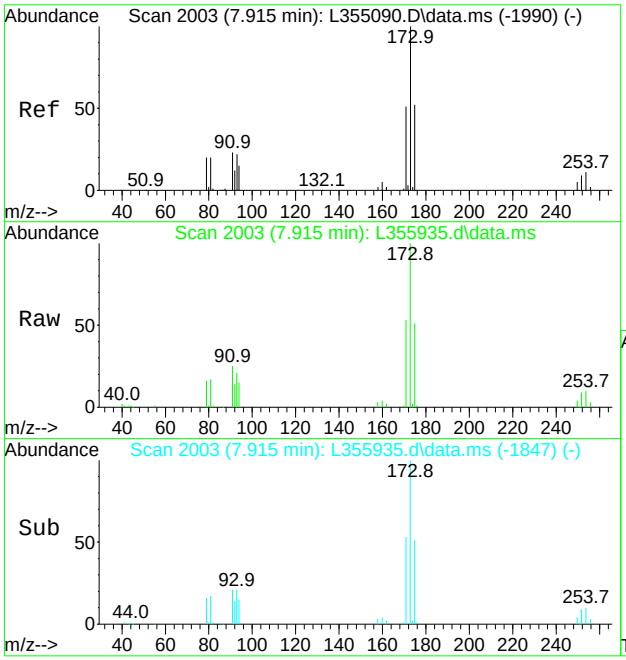


#91
styrene
Concen: 41.8302 ug/L
RT: 7.735 min Scan# 1947
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:104 Resp: 386374

Ion	Ratio	Lower	Upper
104	100		
78	46.0	17.3	77.3
103	48.8	19.8	79.8

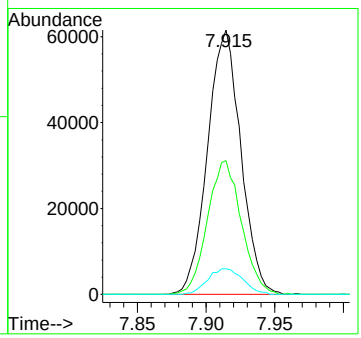


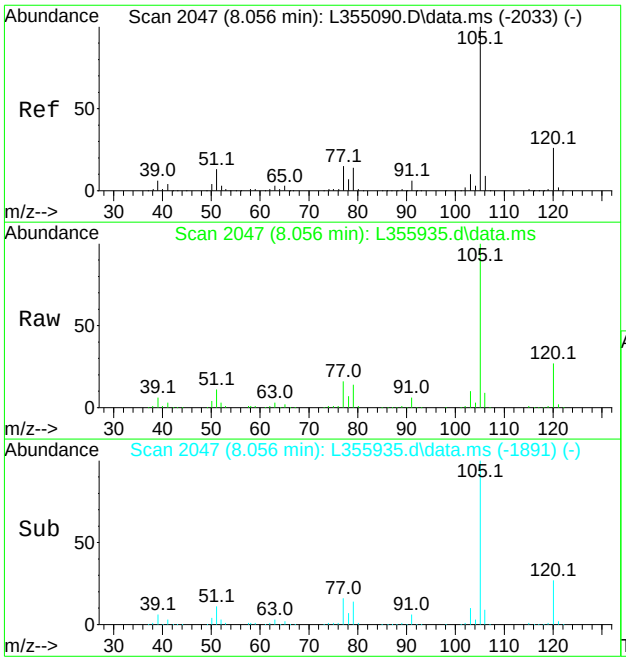


#92
bromoform
Concen: 41.4339 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:173 Resp: 103659

Ion	Ratio	Lower	Upper
173	100		
175	50.5	22.1	82.1
254	9.7	0.0	41.0

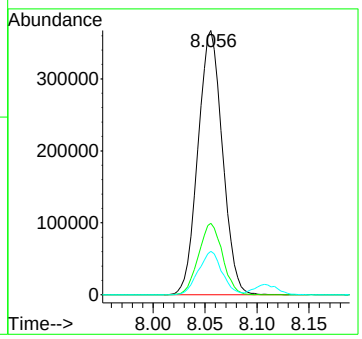


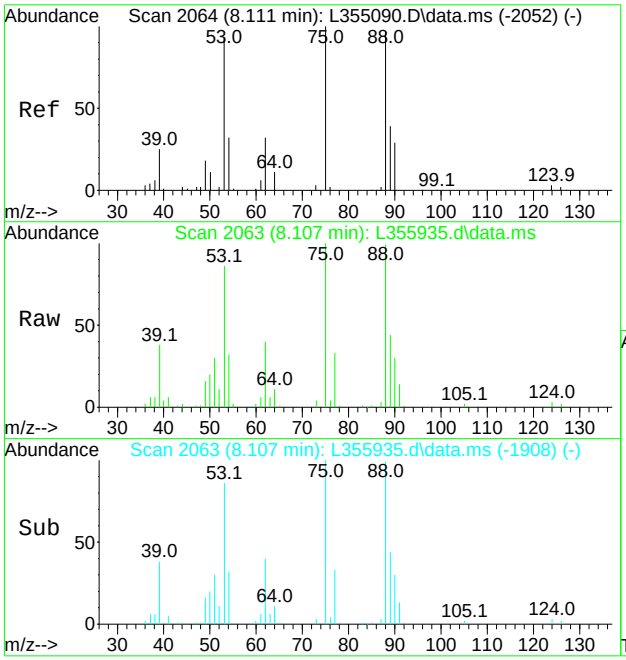


#93
isopropylbenzene
Concen: 41.0230 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:105 Resp: 601368

Ion	Ratio	Lower	Upper
105	100		
120	27.0	6.4	46.4
77	16.4	0.0	35.3

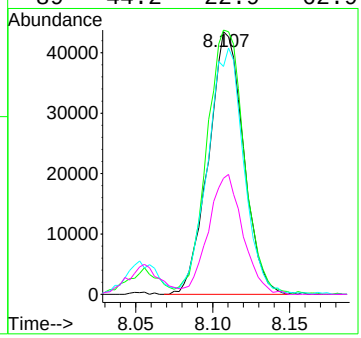


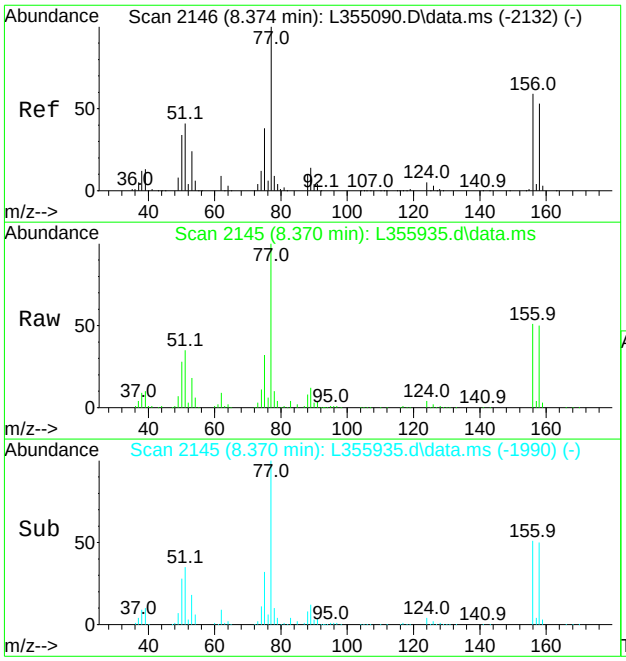


#94
cis-1,4-dichloro-2-butene
Concen: 42.1386 ug/L
RT: 8.107 min Scan# 2063
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 88 Resp: 68726

Ion	Ratio	Lower	Upper
88	100		
75	99.6	87.0	127.0
53	86.0	79.7	119.7
89	44.2	22.9	62.9

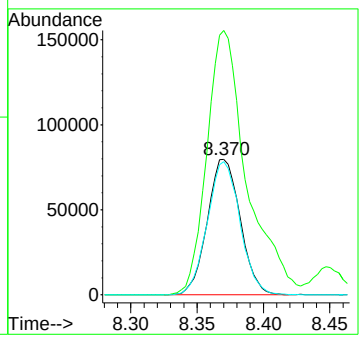


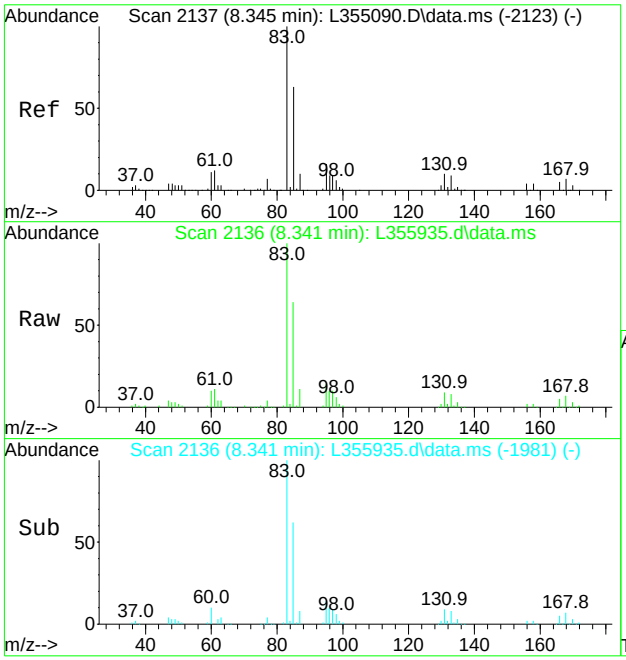


#97
bromobenzene
Concen: 46.1559 ug/L
RT: 8.370 min Scan# 2145
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:156 Resp: 137738

Ion	Ratio	Lower	Upper
156	100		
77	195.2	138.1	198.1
158	98.3	58.3	118.3

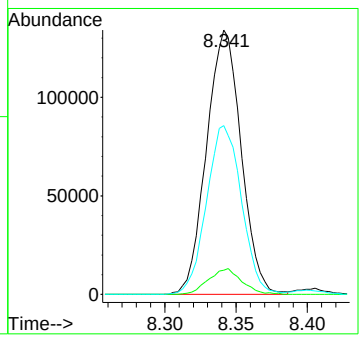


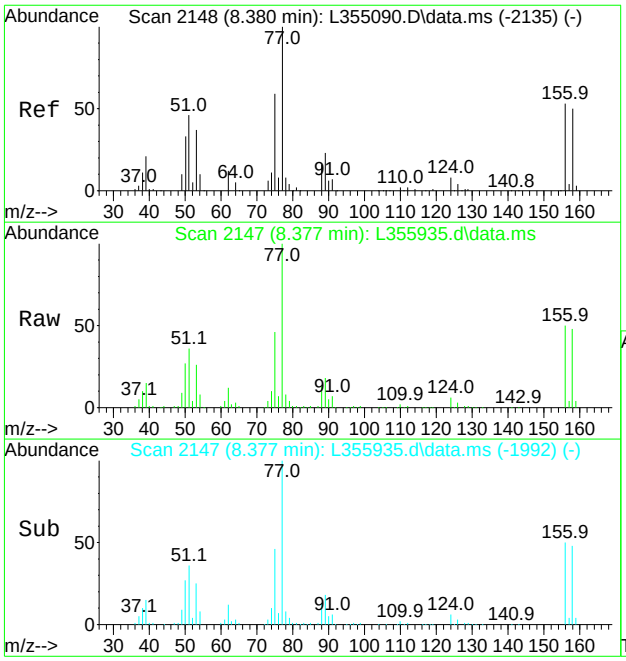


#98
1,1,2,2-tetrachloroethane
Concen: 52.2061 ug/L
RT: 8.341 min Scan# 2136
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 83 Resp: 226735

Ion	Ratio	Lower	Upper
83	100		
131	9.1	0.0	39.6
85	63.8	33.1	93.1

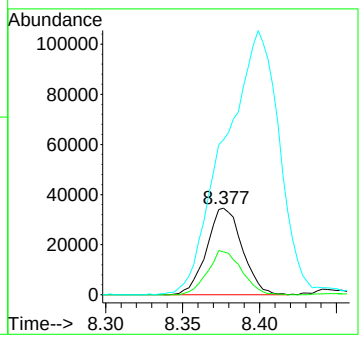


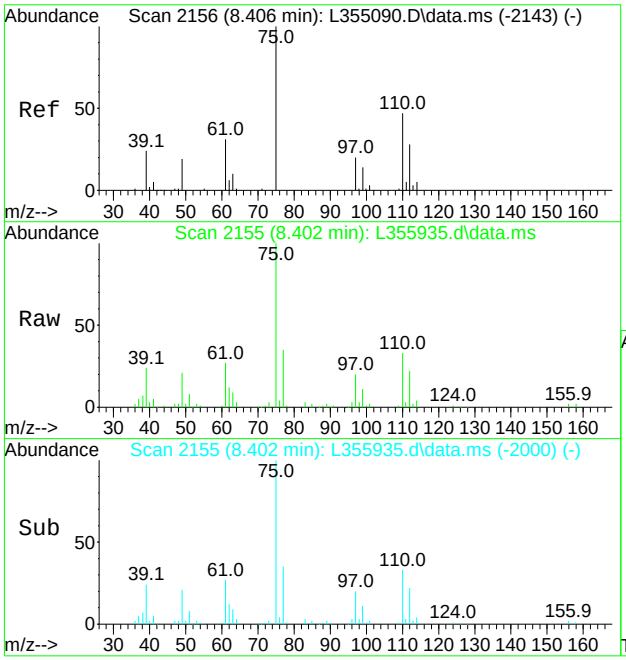


#99
trans-1,4-dichloro-2-butene
Concen: 39.8635 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 53 Resp: 55604

Ion	Ratio	Lower	Upper
53	100		
88	49.4	13.5	73.5
75	177.3	128.5	188.5

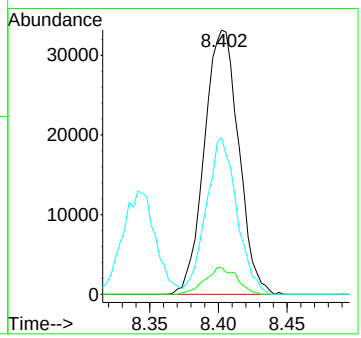


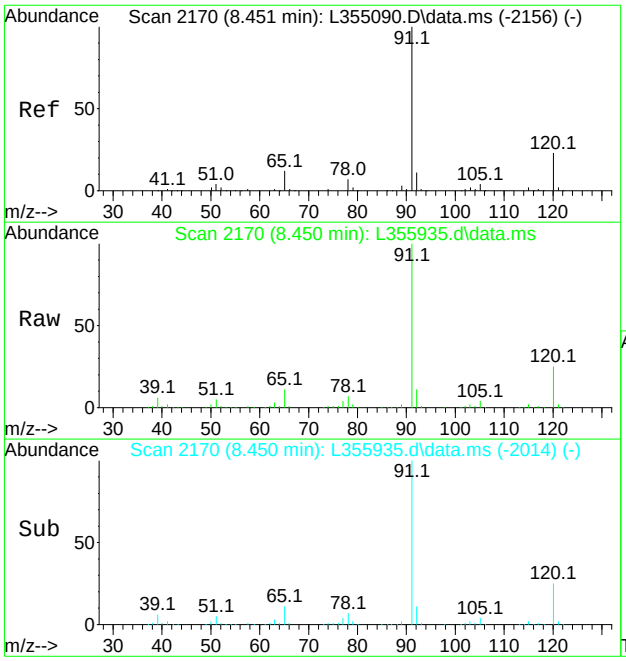


#100
1,2,3-trichloropropane
Concen: 49.5936 ug/L
RT: 8.402 min Scan# 2155
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:110 Resp: 57586

Ion	Ratio	Lower	Upper
110	100		
111	10.1	0.0	39.7
97	59.3	18.0	78.0

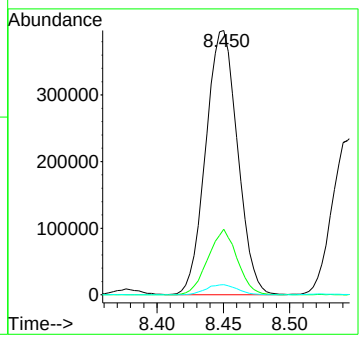


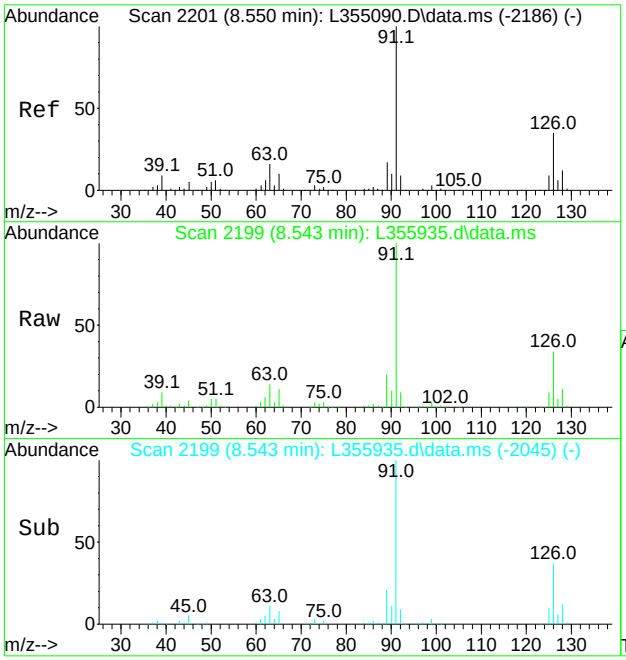


#101
n-propylbenzene
Concen: 43.8861 ug/L
RT: 8.450 min Scan# 2170
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 91 Resp: 661396

Ion	Ratio	Lower	Upper
91	100		
120	24.9	0.0	53.4
105	3.8	0.0	34.1

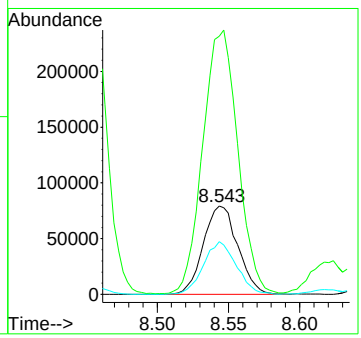




#102
2-chlorotoluene
Concen: 45.4117 ug/L
RT: 8.543 min Scan# 2199
Delta R.T. -0.007 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

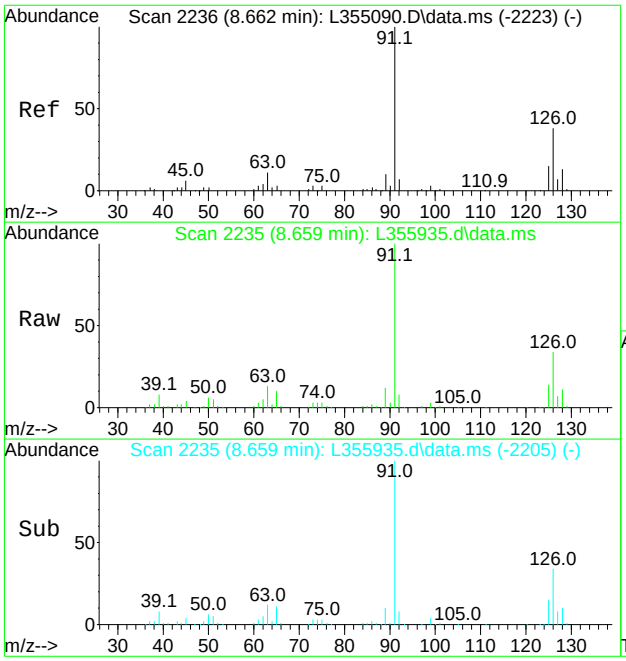
Tgt Ion:126 Resp: 133134

Ion	Ratio	Lower	Upper
126	100		
91	291.4	258.6	318.6
89	59.9	18.8	78.8



7.4.4

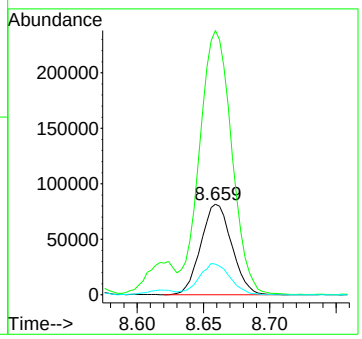
7

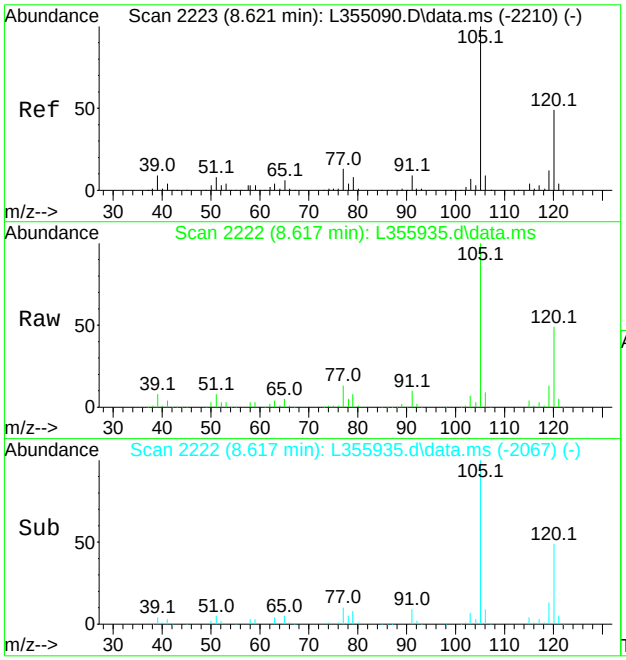


#103
4-chlorotoluene
Concen: 46.6817 ug/L
RT: 8.659 min Scan# 2235
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:126 Resp: 132588

Ion	Ratio	Lower	Upper
126	100		
91	291.3	272.7	332.7
89	33.9	2.4	62.4

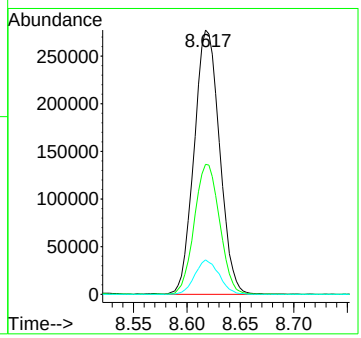


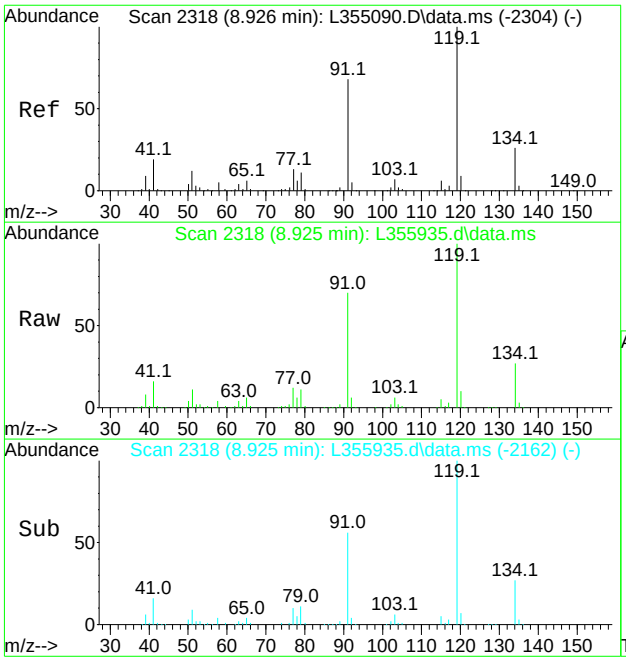


#104
1,3,5-trimethylbenzene
Concen: 43.2390 ug/L
RT: 8.617 min Scan# 2222
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:105 Resp: 459299

Ion	Ratio	Lower	Upper
105	100		
120	49.2	19.0	79.0
119	13.0	0.0	42.2

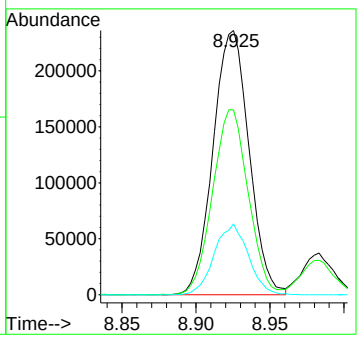


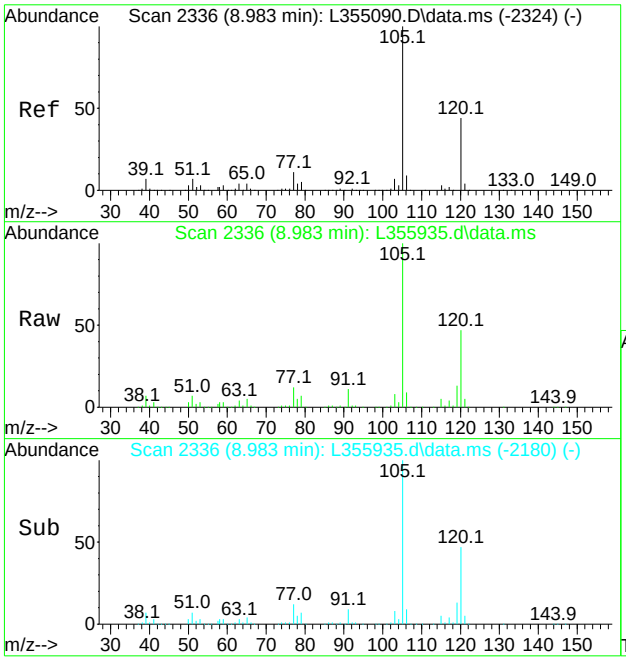


#105
tert-butylbenzene
Concen: 44.8740 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:119 Resp: 398165

Ion	Ratio	Lower	Upper
119	100		
91	69.7	38.0	98.0
134	26.8	0.0	56.2

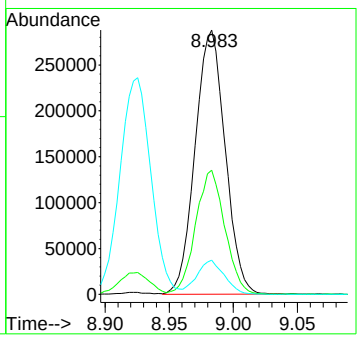


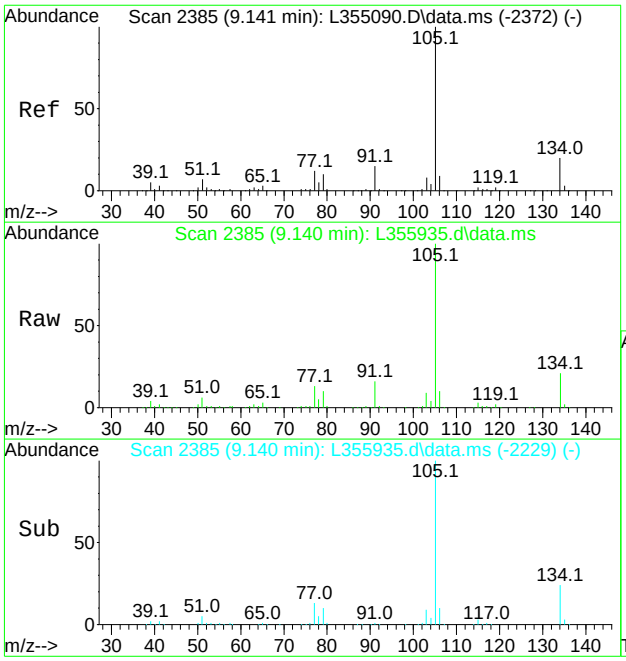


#106
1,2,4-trimethylbenzene
Concen: 44.1896 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:105 Resp: 469155

Ion	Ratio	Lower	Upper
105	100		
120	46.9	15.8	75.8
119	12.9	0.0	42.1

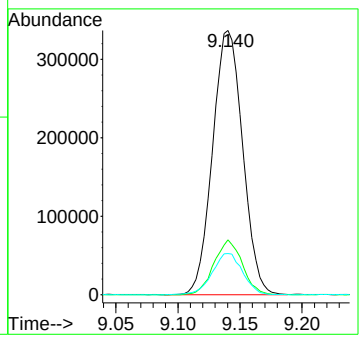


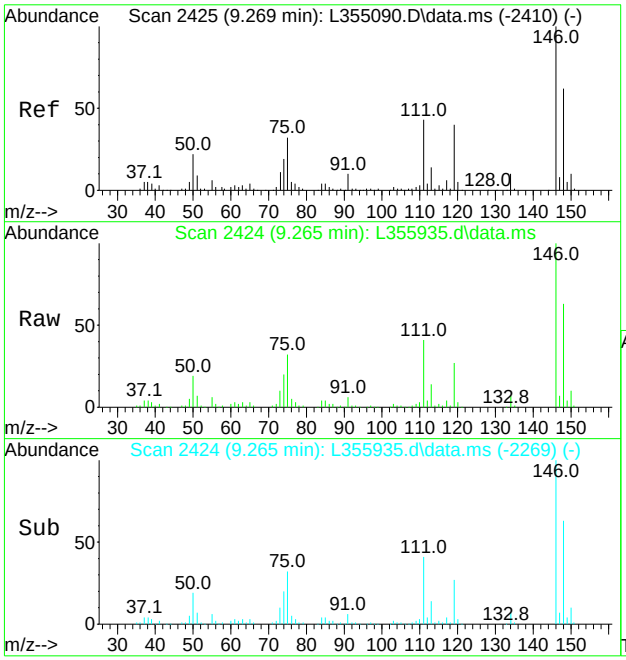


#107
sec-butylbenzene
Concen: 43.8273 ug/L
RT: 9.140 min Scan# 2385
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:105 Resp: 568000

Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	50.4
91	15.6	0.0	45.4

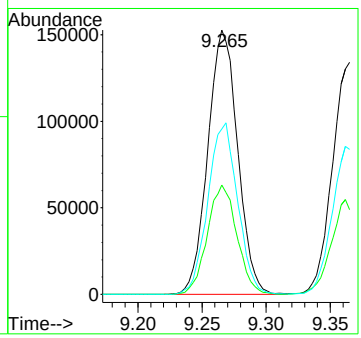


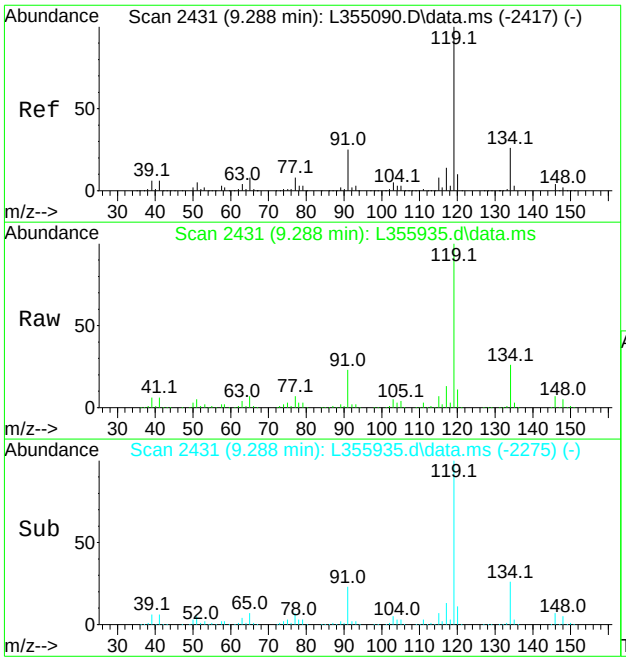


#108
1,3-dichlorobenzene
Concen: 47.8657 ug/L
RT: 9.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:146 Resp: 247827

Ion	Ratio	Lower	Upper
146	100		
111	41.4	13.1	73.1
148	62.6	32.4	92.4

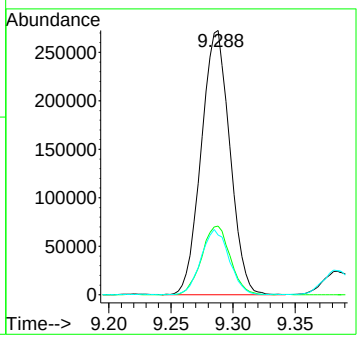


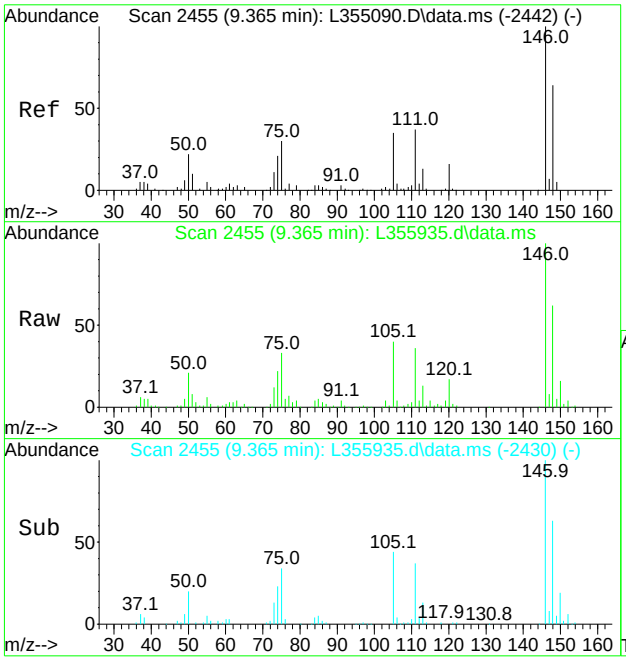


#109
p-isopropyltoluene
Concen: 43.8464 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:119 Resp: 437415

Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	56.2
91	22.5	0.0	55.0

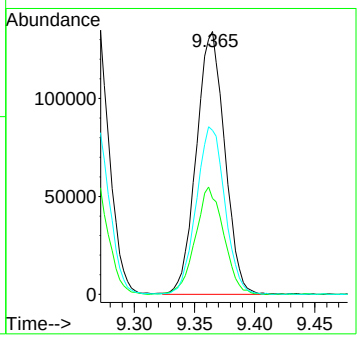


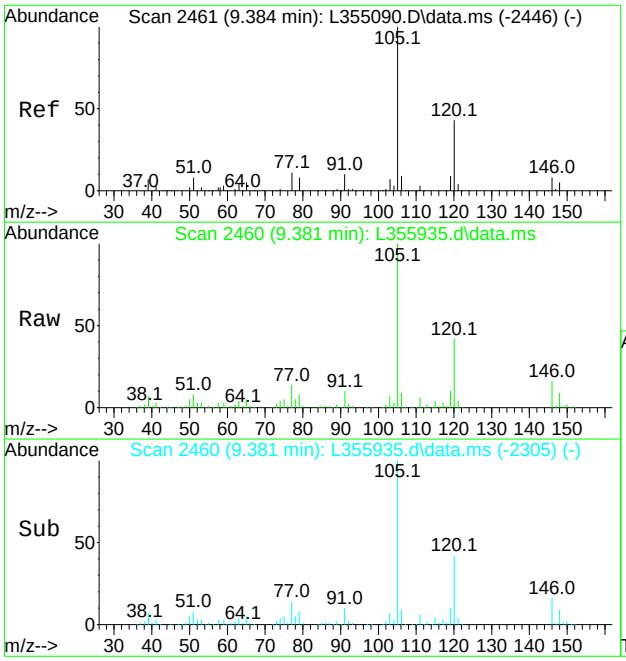


#110
1,4-dichlorobenzene
Concen: 46.8482 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:146 Resp: 220258

Ion	Ratio	Lower	Upper
146	100		
111	36.5	7.6	67.6
148	62.4	33.7	93.7

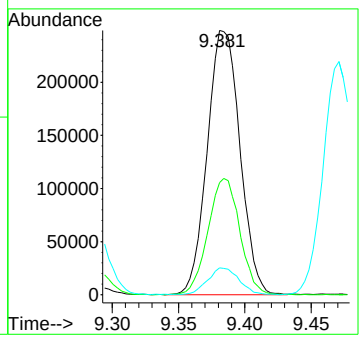


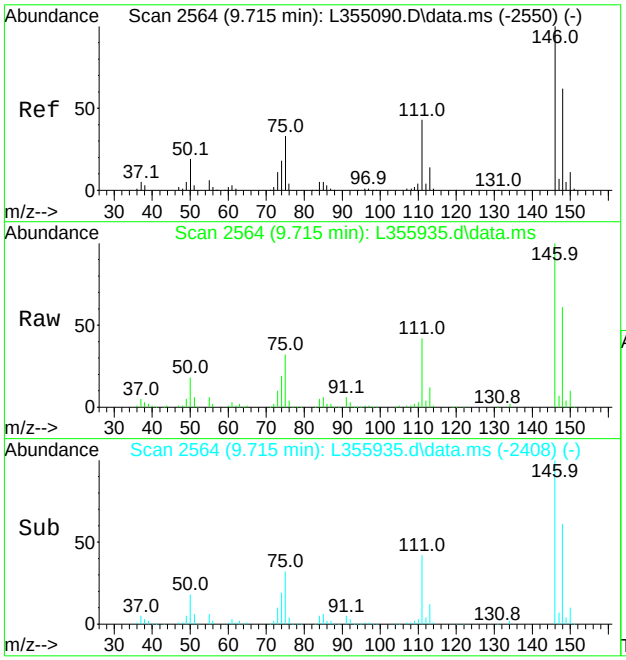


#111
1,2,3-trimethylbenzene
Concen: 44.2653 ug/L
RT: 9.381 min Scan# 2460
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:105 Resp: 426912

Ion	Ratio	Lower	Upper
105	100		
120	42.4	13.0	73.0
91	10.1	0.0	39.8

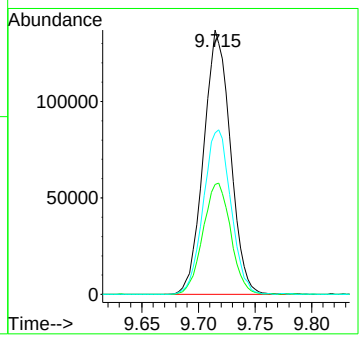


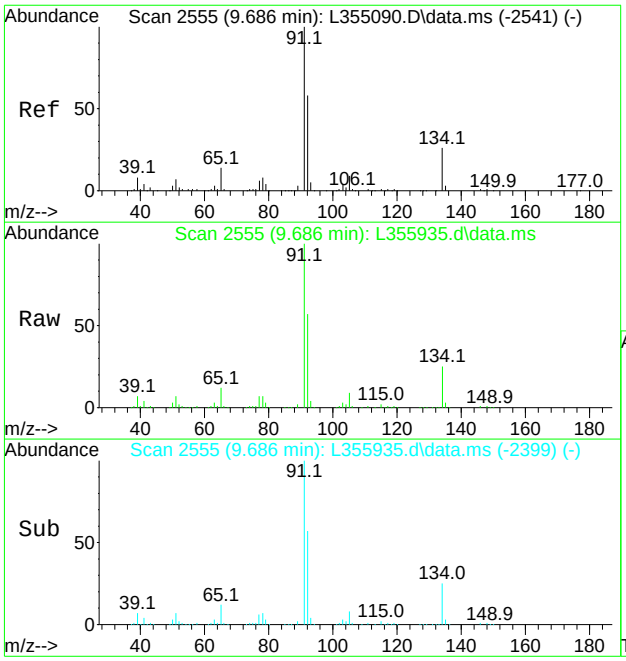


#112
1,2-dichlorobenzene
Concen: 47.0065 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:146 Resp: 224886

Ion	Ratio	Lower	Upper
146	100		
111	41.5	13.0	73.0
148	61.0	32.1	92.1

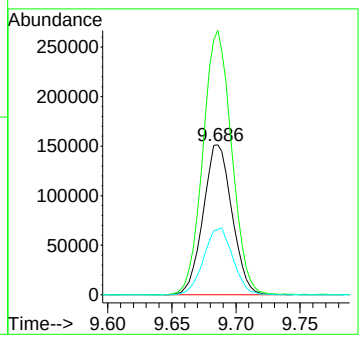


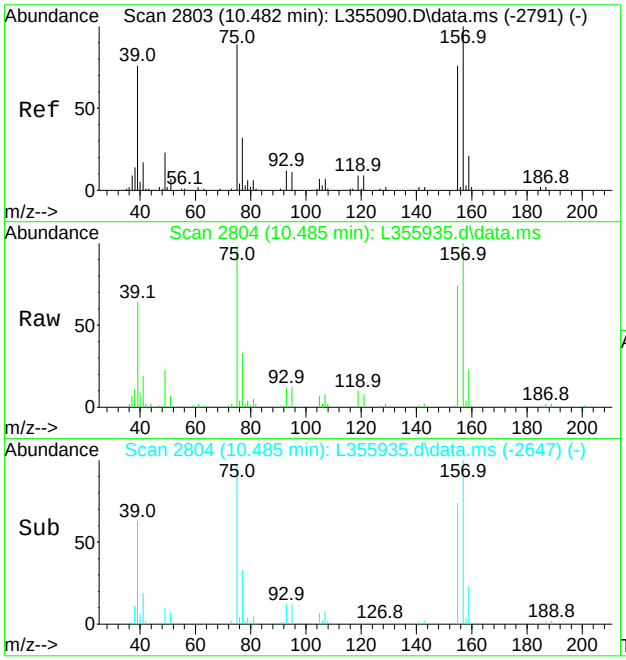


#113
n-butylbenzene
Concen: 47.5685 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 92 Resp: 237074

Ion	Ratio	Lower	Upper
92	100		
91	176.1	141.2	201.2
134	43.5	14.9	74.9

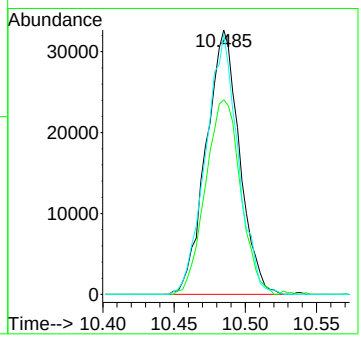


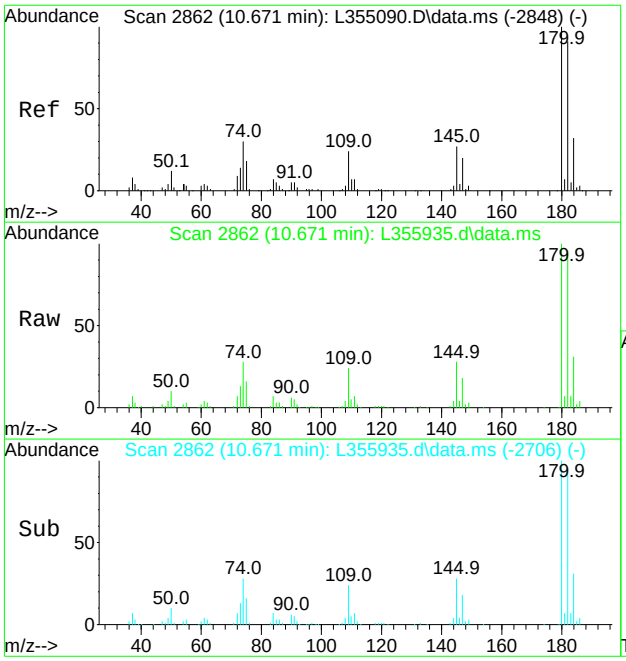


#114
1,2-dibromo-3-chloropropane
Concen: 57.3447 ug/L
RT: 10.485 min Scan# 2804
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:157 Resp: 53457

Ion	Ratio	Lower	Upper
157	100		
155	73.5	46.0	106.0
75	98.3	58.9	118.9

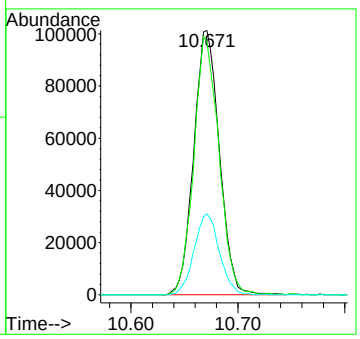


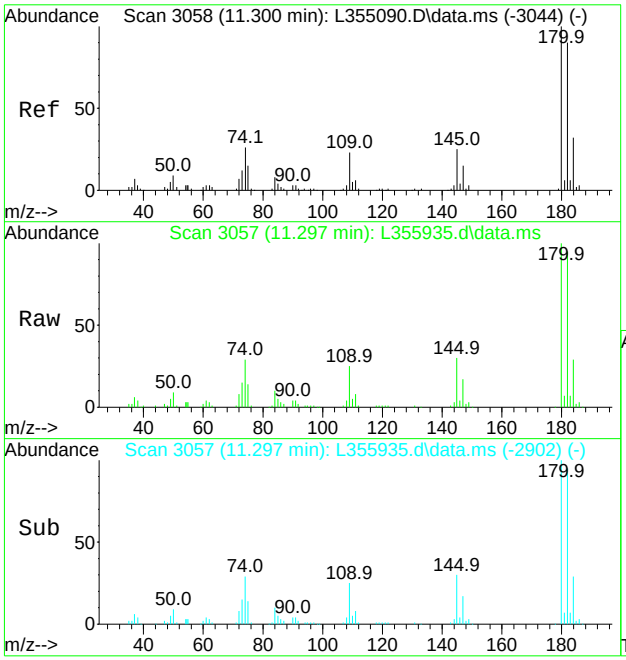


#115
1,3,5-trichlorobenzene
Concen: 52.6452 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:180 Resp: 168667

Ion	Ratio	Lower	Upper
180	100		
182	95.7	61.0	121.0
184	30.7	1.5	61.5

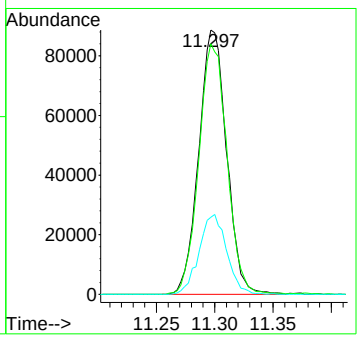


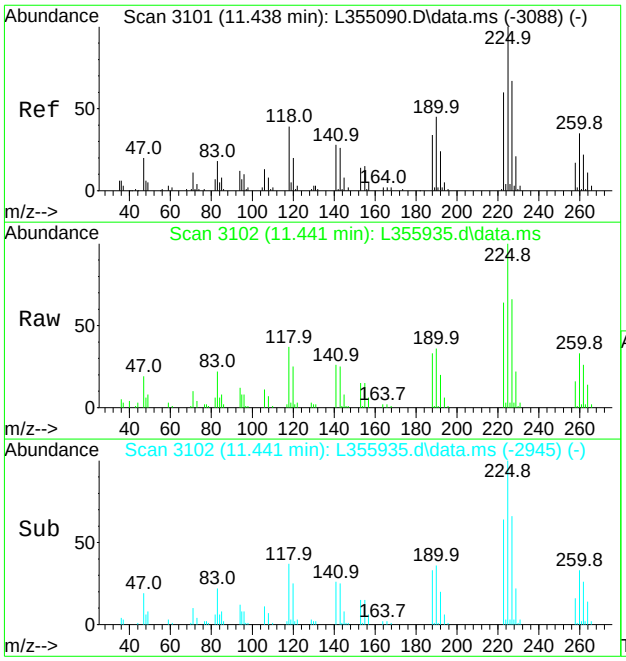


#116
1,2,4-trichlorobenzene
Concen: 56.4796 ug/L
RT: 11.297 min Scan# 3057
Delta R.T. -0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:180 Resp: 147271

Ion	Ratio	Lower	Upper
180	100		
182	94.7	59.8	119.8
184	29.2	1.8	61.8

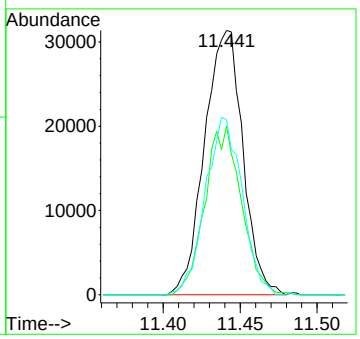


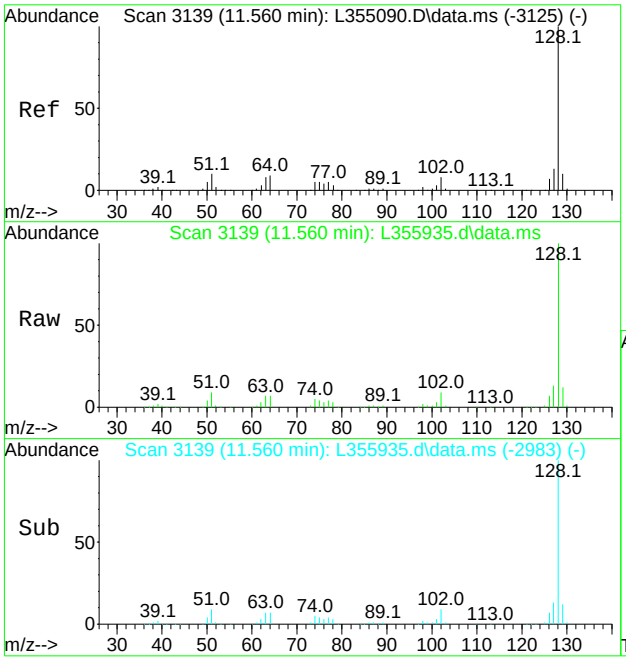


#117
hexachlorobutadiene
Concen: 44.9168 ug/L
RT: 11.441 min Scan# 3102
Delta R.T. 0.003 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:225 Resp: 54262

Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.5	90.5
227	66.2	37.2	97.2

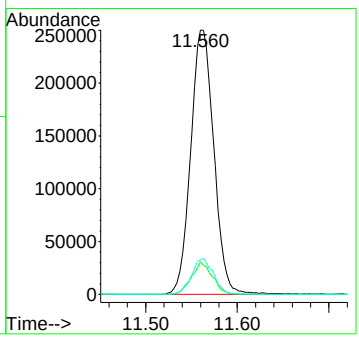


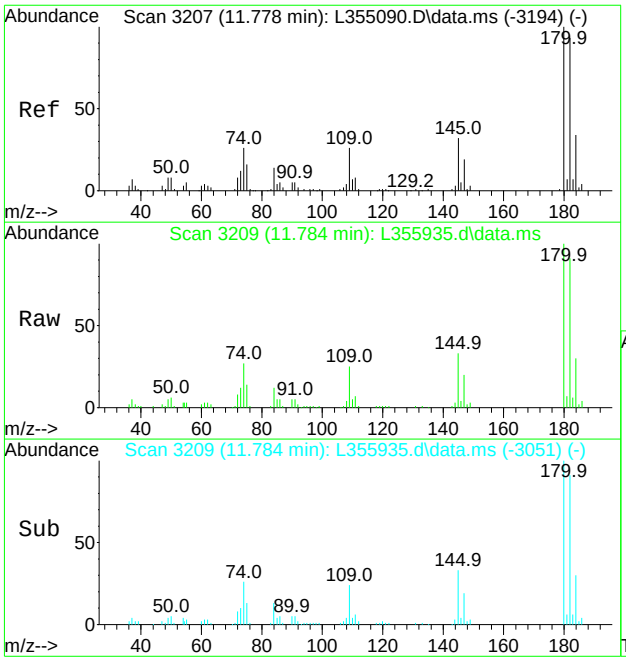


#118
naphthalene
Concen: 61.5448 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:128 Resp: 439419

Ion	Ratio	Lower	Upper
128	100		
129	12.3	0.0	40.2
127	13.0	0.0	43.0

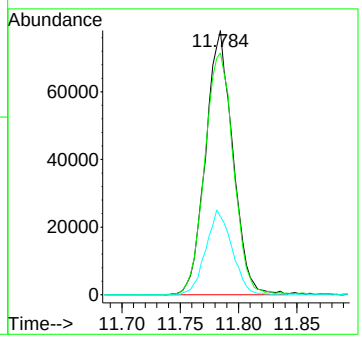


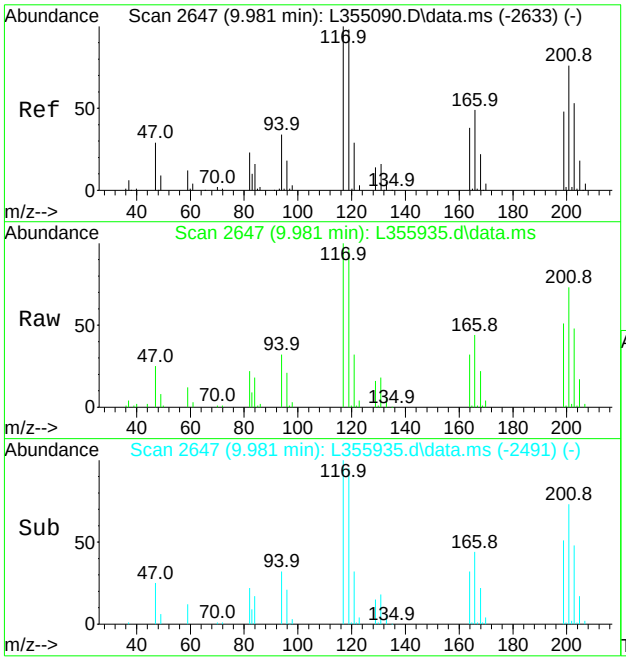


#119
1,2,3-trichlorobenzene
Concen: 56.9653 ug/L
RT: 11.784 min Scan# 3209
Delta R.T. 0.006 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:180 Resp: 127129

Ion	Ratio	Lower	Upper
180	100		
182	91.5	63.1	123.1
184	29.6	3.8	63.8

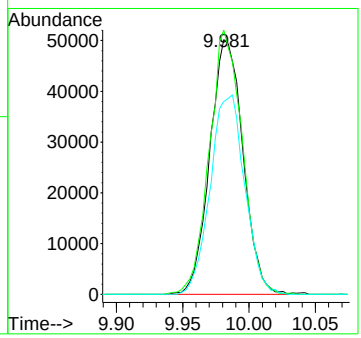


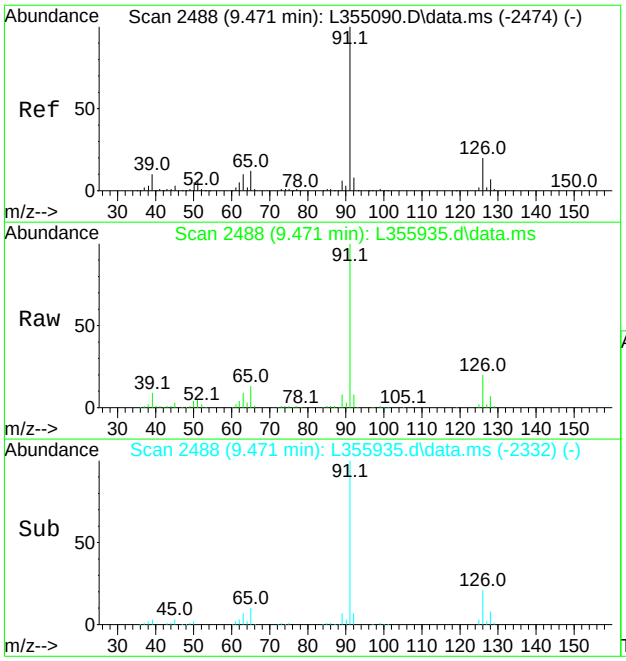


#120
hexachloroethane
Concen: 45.4442 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. 0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:119 Resp: 87259

Ion	Ratio	Lower	Upper
119	100		
117	103.8	71.9	131.9
201	75.7	47.2	107.2

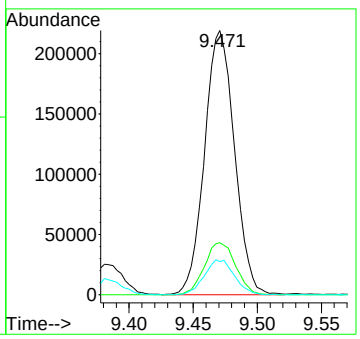


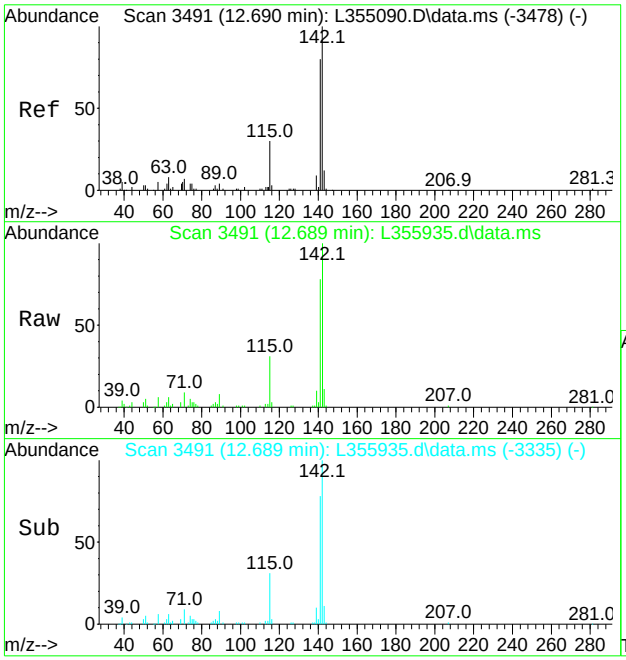


#121
benzyl chloride
Concen: 47.9341 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion: 91 Resp: 356615

Ion	Ratio	Lower	Upper
91	100		
126	19.7	0.0	50.3
65	12.6	0.0	42.2

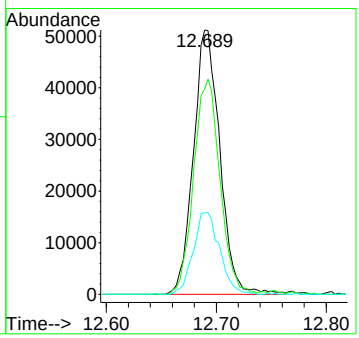




#122
2-methylnaphthalene
Concen: 28.0695 ug/L
RT: 12.689 min Scan# 3491
Delta R.T. -0.001 min
Lab File: L355935.d
Acq: 22 May 2023 3:34 pm

Tgt Ion:142 Resp: 85476

Ion	Ratio	Lower	Upper
142	100		
141	77.7	59.9	99.9
115	30.9	10.4	50.4



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03700.d
Acq On : 23 May 2023 2:04 pm
Operator : edwardd
Sample : JD65823-6ms Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 24 06:55:16 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.503	65	690796	500.00	ug/L		0.02
5) pentafluorobenzene	5.030	168	850741	50.00	ug/L		0.01
52) 1,4-difluorobenzene	5.657	114	1279753	50.00	ug/L		0.01
73) chlorobenzene-d5	7.816	117	1209893	50.00	ug/L		0.01
97) 1,4-dichlorobenzene-d4	9.264	152	562558	50.00	ug/L		0.01
125) pentafluorobenzene(a)	5.030	168	850741	50.00	ug/L		0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	562558	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.018	113	383915	52.34	ug/L		0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.68%				
53) 1,2-dichloroethane-d4 (s)	5.304	65	395822	42.61	ug/L		0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 85.22%				
74) toluene-d8 (s)	6.801	98	1590879	49.95	ug/L		0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.90%				
98) 4-bromofluorobenzene (s)	8.565	174	480713	50.69	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.38%				
Target Compounds							Qvalue
2) ethanol	2.706	45	433776	2661.3846	ug/L		99
3) tertiary butyl alcohol	3.576	59	383250	187.1354	ug/L		99
4) 1,4-dioxane	6.113	88	159871	1296.3566	ug/L		86
6) chlorodifluoromethane	1.666	51	163487	20.6003	ug/L		90
7) dichlorodifluoromethane	1.654	85	299748	47.1781	ug/L		99
8) chloromethane	1.818	50	333922	42.6025	ug/L		99
9) vinyl chloride	1.909	62	387237	60.4543	ug/L		97
10) 1,3-butadiene	1.946	54	187831	33.3972	ug/L	#	84
11) bromomethane	2.195	94	213265	80.4961	ug/L		99
12) chloroethane	2.299	64	199150	54.1792	ug/L		92
13) trichlorofluoromethane	2.542	101	404974	55.1482	ug/L		98
14) ethyl ether	2.810	74	141876	49.3655	ug/L		88
15) acrolein	2.950	56	33361	26.1033	ug/L		86
16) freon 113	3.047	151	187960	49.3724	ug/L		94
17) 1,1-dichloroethene	3.041	96	178892	49.8212	ug/L		89
18) acetone	3.077	58	162655	182.6716	ug/L	#	84
19) acetonitrile	3.339	41	467226	270.5171	ug/L		97
20) iodomethane	3.193	142	163836	26.8753	ug/L		97
21) carbon disulfide	3.260	76	556925	40.8949	ug/L		97
22) methylene chloride	3.503	84	230115	47.1406	ug/L		98
23) methyl acetate	3.363	74	71682	52.9574	ug/L	#	31
24) methyl tert butyl ether	3.734	73	772913	46.5111	ug/L		88
25) trans-1,2-dichloroethene	3.747	96	228904	49.2896	ug/L	#	81
26) hexane	3.984	56	178343	35.5729	ug/L		85
27) di-isopropyl ether	4.148	45	708590	32.9956	ug/L		89
28) 2-butanone	4.598	72	236503	235.2328	ug/L	#	41
29) 1,1-dichloroethane	4.136	63	424341	42.8377	ug/L		98
30) chloroprene	4.197	53	372324	39.0859	ug/L		85
31) acrylonitrile	3.710	53	106138	27.5483	ug/L		97
32) vinyl acetate	4.124	86	61650	84.5091	ug/L	#	1
33) ethyl tert-butyl ether	4.458	59	782788	43.0402	ug/L		91
34) ethyl acetate	4.623	45	60669	35.3511	ug/L	#	87
35) 2,2-dichloropropane	4.623	77	381460	51.6607	ug/L		82
36) cis-1,2-dichloroethene	4.616	96	289139	55.1445	ug/L	#	79
37) propionitrile	4.653	54	668699	381.5220	ug/L		92
38) methyl acrylate	4.665	85	63276	57.7121	ug/L	#	54
39) methacrylonitrile	4.781	67	160250	51.2411	ug/L	#	58
40) bromochloromethane	4.817	128	126689	50.7599	ug/L	#	65

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03700.d
Acq On : 23 May 2023 2:04 pm
Operator : edwardd
Sample : JD65823-6ms Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 24 06:55:16 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.823	42	118540	28.6661	ug/L		66
42) chloroform	4.890	83	467110	46.5351	ug/L		95
43) tert-Butyl Formate	4.909	59	98056	38.9565	ug/L		85
45) 1,1,1-trichloroethane	5.036	97	402274	51.3519	ug/L		95
46) cyclohexane	5.097	84	377852	54.7918	ug/L	#	69
47) isobutyl alcohol	5.213	43	236630	358.2857	ug/L		98
48) 1,1-dichloropropene	5.164	75	346873	51.1948	ug/L		93
49) carbon tetrachloride	5.164	117	362328	53.7299	ug/L		99
50) tert-amyl alcohol	5.310	73	213823	280.8350	ug/L	#	85
51) isopropyl acetate	5.334	87	84312	54.4854	ug/L	#	27
54) n-butyl alcohol	5.742	56	961413	2167.4961	ug/L		82
55) 2,2,4-trimethylpentane	5.413	57	680799	36.6598	ug/L		97
56) benzene	5.328	78	1028636	47.3416	ug/L		92
57) tert-amyl methyl ether	5.413	73	813334	49.2943	ug/L		92
58) heptane	5.547	57	165393	39.7158	ug/L	#	70
59) 1,2-dichloroethane	5.365	62	353289	38.7502	ug/L		91
60) ethyl acrylate	5.894	55	440232	39.1120	ug/L		97
61) trichloroethene	5.851	95	321711	58.3002	ug/L		95
63) methyl methacrylate	6.083	100	96159	53.0341	ug/L	#	55
64) methylcyclohexane	6.046	83	459305	49.1954	ug/L	#	80
65) 1,2-dichloropropane	6.064	63	267283	42.3547	ug/L		96
66) dibromomethane	6.137	93	174458	48.7378	ug/L		99
67) bromodichloromethane	6.265	83	363070	48.8835	ug/L		99
68) 2-nitropropane	6.429	41	109179	35.5538	ug/L		98
69) epichlorohydrin	6.515	57	228988	173.0685	ug/L		93
70) cis-1,3-dichloropropene	6.600	75	447514	47.2590	ug/L		82
71) 4-methyl-2-pentanone	6.691	58	702502	176.1170	ug/L	#	72
72) isoamyl alcohol	6.721	70	393657	1153.5115	ug/L	#	67
75) toluene	6.849	92	695453	48.8236	ug/L		98
76) ethyl methacrylate	7.026	69	393359	49.0410	ug/L	#	77
77) trans-1,3-dichloropropene	7.007	75	433932	47.7720	ug/L		82
78) 1,1,2-trichloroethane	7.153	83	221126	47.0277	ug/L		92
79) tetrachloroethene	7.220	164	590130	120.8623	ug/L		96
80) 2-hexanone	7.287	58	766781	170.2320	ug/L	#	74
81) 1,3-dichloropropane	7.269	76	430845	46.8543	ug/L	#	74
82) butyl acetate	7.354	56	238240	37.9408	ug/L	#	77
83) dibromochloromethane	7.421	129	306108	52.6691	ug/L		99
84) 1,2-dibromoethane	7.512	107	300401	52.6014	ug/L		99
85) n-butyl ether	7.865	57	1074119	38.2989	ug/L		93
86) chlorobenzene	7.835	112	802583	50.8037	ug/L		95
87) 1,1,1,2-tetrachloroethane	7.889	131	287497	53.2887	ug/L		99
88) ethylbenzene	7.889	91	1384869	50.7804	ug/L		95
89) m,p-xylene	7.975	106	1069395	104.2755	ug/L		92
90) o-xylene	8.224	91	1073488	50.0195	ug/L		96
91) styrene	8.236	104	899497	54.5453	ug/L		92
92) butyl acrylate	8.163	55	586907	39.7184	ug/L		93
93) n-amyl acetate	8.297	70	244980	47.8373	ug/L	#	54
94) isopropylbenzene	8.449	105	1315283	51.6182	ug/L		97
95) bromoform	8.364	173	232798	54.6148	ug/L		98
96) cis-1,4-dichloro-2-butene	8.480	88	176383	48.9463	ug/L	#	86
99) 1,1,2,2-tetrachloroethane	8.638	83	407815	50.7624	ug/L		99
100) trans-1,4-dichloro-2-b...	8.656	53	116620	34.7473	ug/L		78
101) 1,2,3-trichloropropane	8.680	110	128633	51.5791	ug/L	#	81
102) bromobenzene	8.662	156	340072	52.4915	ug/L		94
103) n-propylbenzene	8.705	91	1562133	50.5447	ug/L		96
104) 2-chlorotoluene	8.772	126	316273	53.9776	ug/L		90
105) 4-chlorotoluene	8.845	91	907882	49.7743	ug/L		92
106) 1,3,5-trimethylbenzene	8.808	105	1089388	52.6434	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03700.d
Acq On : 23 May 2023 2:04 pm
Operator : edwardd
Sample : JD65823-6ms Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 24 06:55:16 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

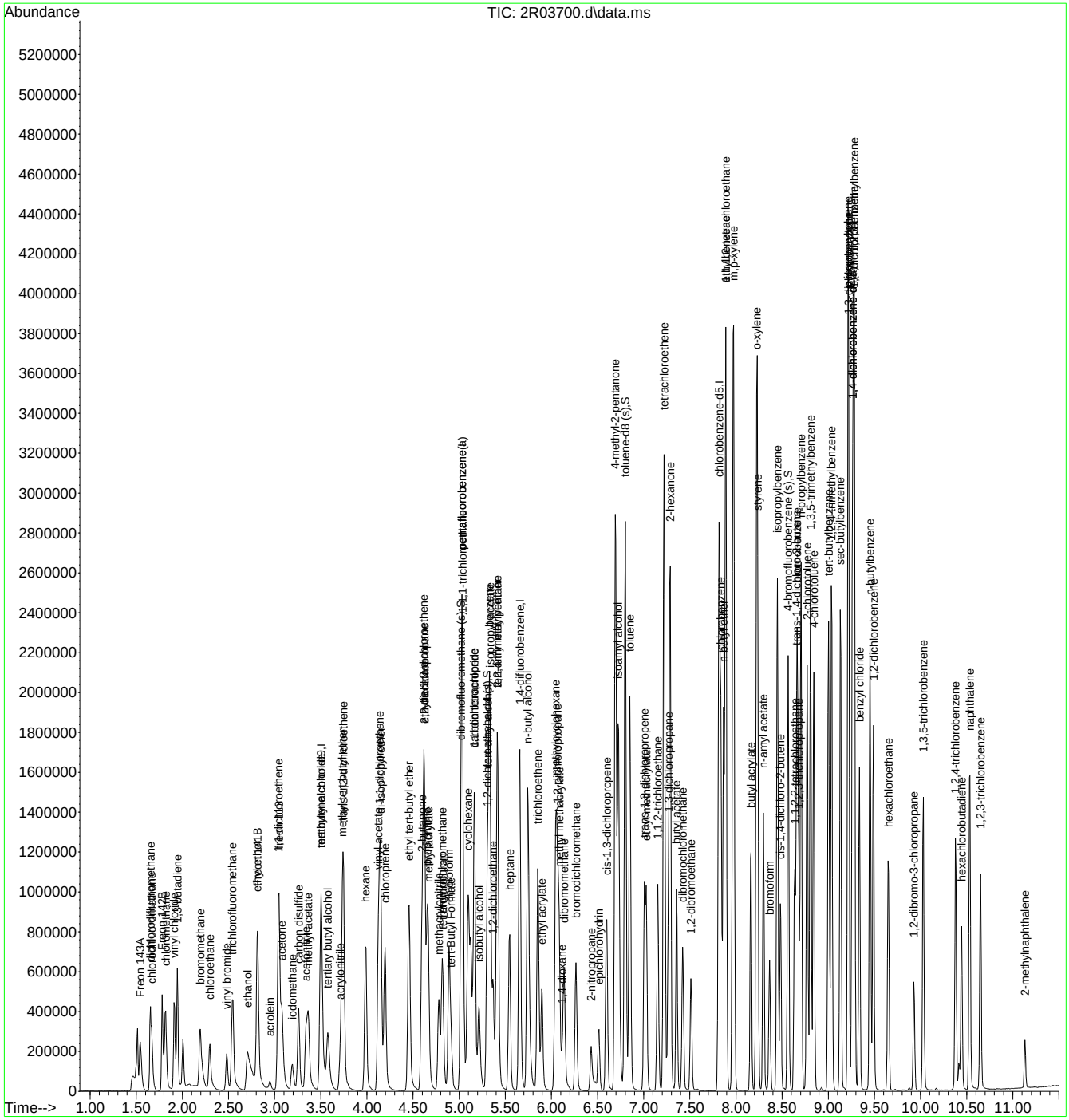
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
107) tert-butylbenzene	9.003	119	913678	51.2766	ug/L		100
108) 1,2,4-trimethylbenzene	9.033	105	1099382	51.6967	ug/L		99
109) sec-butylbenzene	9.130	105	1301969	50.2388	ug/L		99
110) p-isopropyltoluene	9.216	119	1096515	51.5064	ug/L		98
111) 1,2,3-trimethylbenzene	9.283	105	1049261	49.2530	ug/L		97
112) 1,3-dichlorobenzene	9.222	146	624819	51.8813	ug/L		97
113) 1,4-dichlorobenzene	9.277	146	608355	51.3473	ug/L		99
114) 1,2-dichlorobenzene	9.489	146	586999	51.7704	ug/L		100
115) benzyl chloride	9.337	91	861920	55.0438	ug/L		98
116) n-butylbenzene	9.453	92	505732	50.2600	ug/L		99
117) hexachloroethane	9.654	201	138877	52.3140	ug/L		97
118) 1,2-dibromo-3-chloropr...	9.927	157	123101	60.2832	ug/L		94
119) 1,3,5-trichlorobenzene	10.031	180	354391	48.1611	ug/L		98
120) 1,2,4-trichlorobenzene	10.378	180	301822	53.8765	ug/L		100
121) hexachlorobutadiene	10.445	225	110181	43.7305	ug/L		96
122) naphthalene	10.536	128	1012117	69.8618	ug/L		93
123) 1,2,3-trichlorobenzene	10.651	180	265863	66.1798	ug/L		96
124) 2-methylnaphthalene	11.132	142	86959	84.0729	ug/L		99
126) Freon 143A	1.544	69	242489	59.2659	ug/L		100
128) Freon 142B	1.782	65	342090	57.0395	ug/L		80
129) vinyl bromide	2.481	106	124928	57.4118	ug/L		99
130) Freon 141B	2.816	81	360610	53.0704	ug/L	#	60

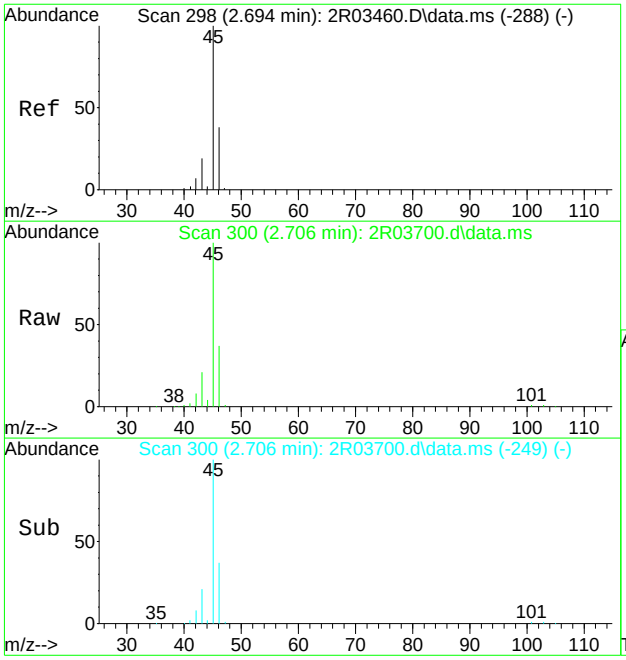
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03700.d
Acq On : 23 May 2023 2:04 pm
Operator : edwardd
Sample : JD65823-6ms Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 24 06:55:16 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

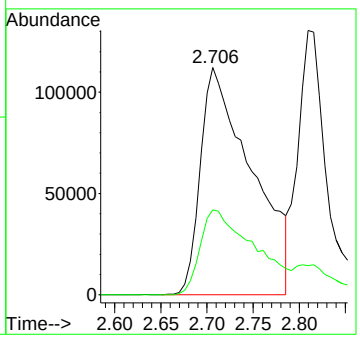


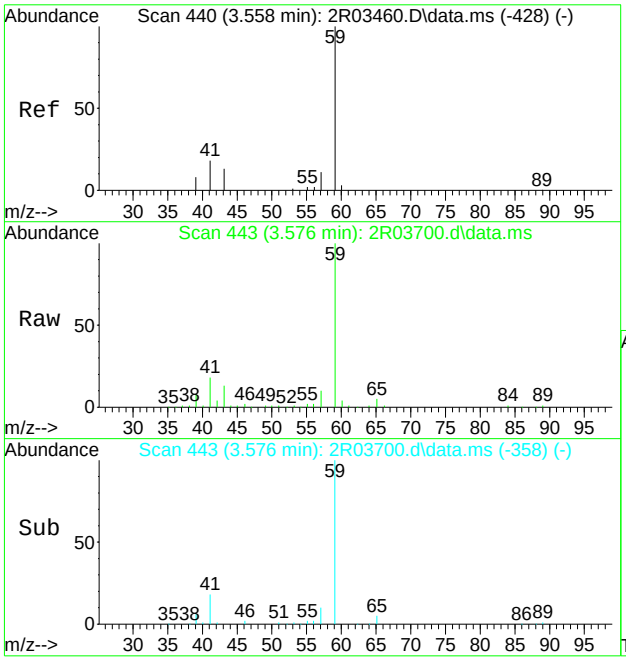


#2
ethanol
Concen: 2661.3846 ug/L
RT: 2.706 min Scan# 300
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 45 Resp: 433776

Ion	Ratio	Lower	Upper
45	100		
46	37.3	17.9	57.9

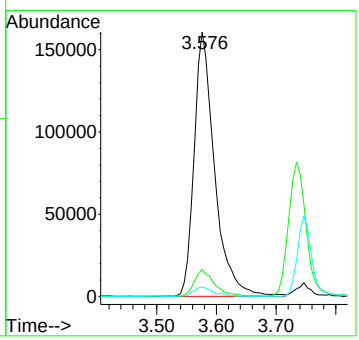


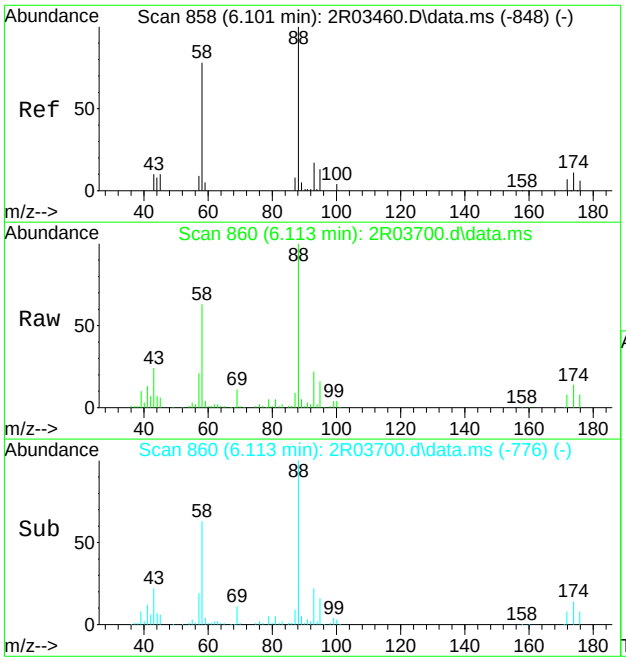


#3
tertiary butyl alcohol
Concen: 187.1354 ug/L
RT: 3.576 min Scan# 443
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 59 Resp: 383250

Ion	Ratio	Lower	Upper
59	100		
57	10.0	0.0	40.5
60	3.6	0.0	33.7

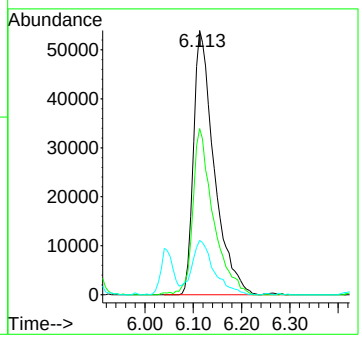


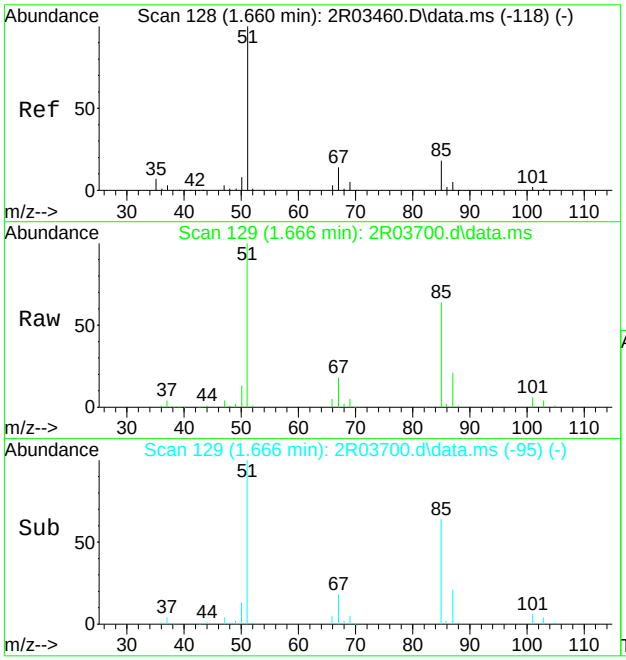


#4
1,4-dioxane
Concen: 1296.3566 ug/L
RT: 6.113 min Scan# 860
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 88 Resp: 159871

Ion	Ratio	Lower	Upper
88	100		
58	62.9	46.3	106.3
57	20.2	0.0	54.6

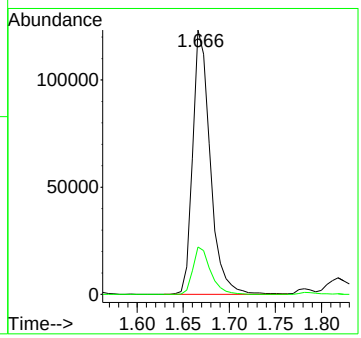


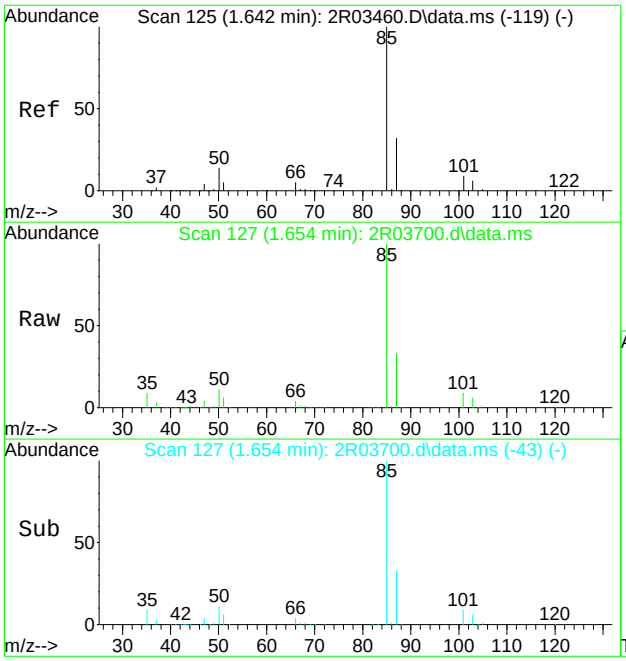


#6
chlorodifluoromethane
Concen: 20.6003 ug/L
RT: 1.666 min Scan# 129
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 51 Resp: 163487

Ion	Ratio	Lower	Upper
51	100		
67	17.9	0.0	43.9

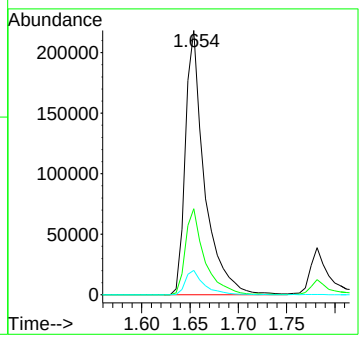


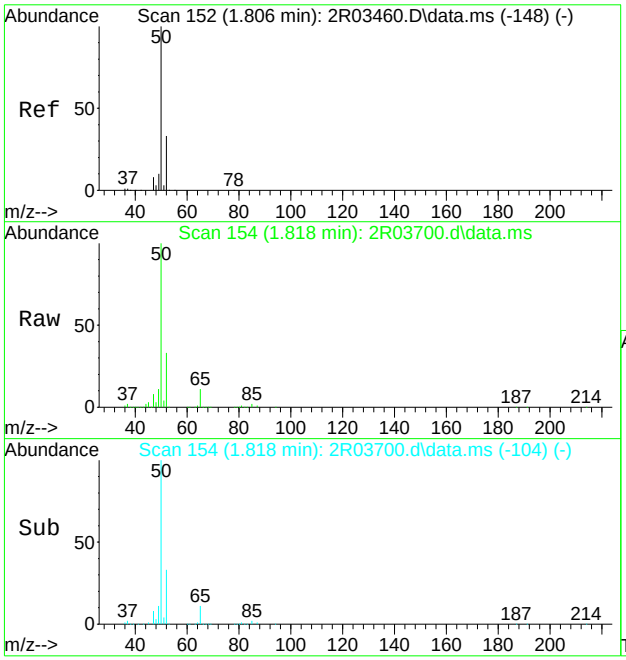


#7
dichlorodifluoromethane
Concen: 47.1781 ug/L
RT: 1.654 min Scan# 127
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 85 Resp: 299748

Ion	Ratio	Lower	Upper
85	100		
87	32.6	2.2	62.2
101	9.3	0.0	38.8

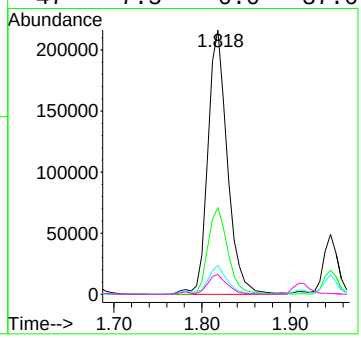


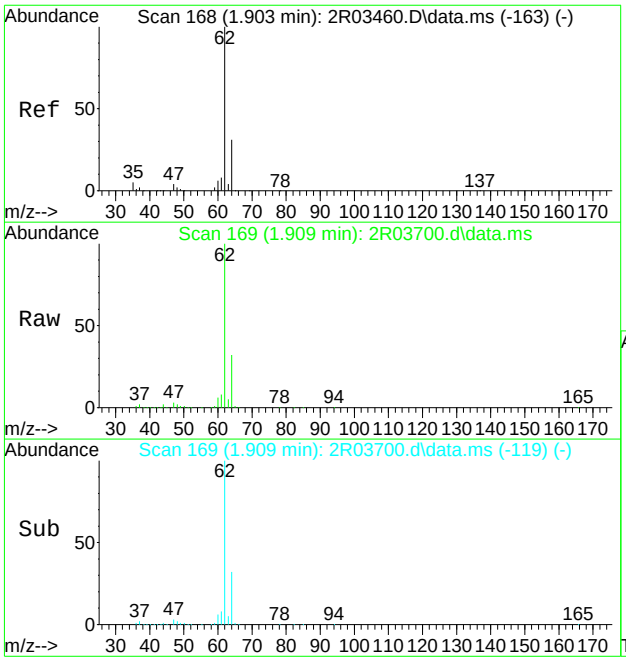


#8
chloromethane
Concen: 42.6025 ug/L
RT: 1.818 min Scan# 154
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 50 Resp: 333922

Ion	Ratio	Lower	Upper
50	100		
52	32.9	2.3	62.3
49	11.1	0.0	40.0
47	7.5	0.0	37.6

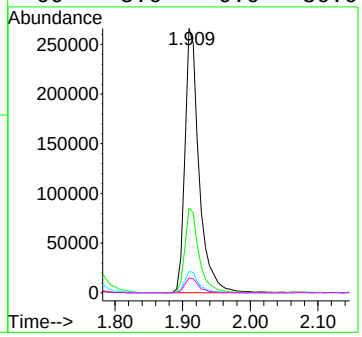


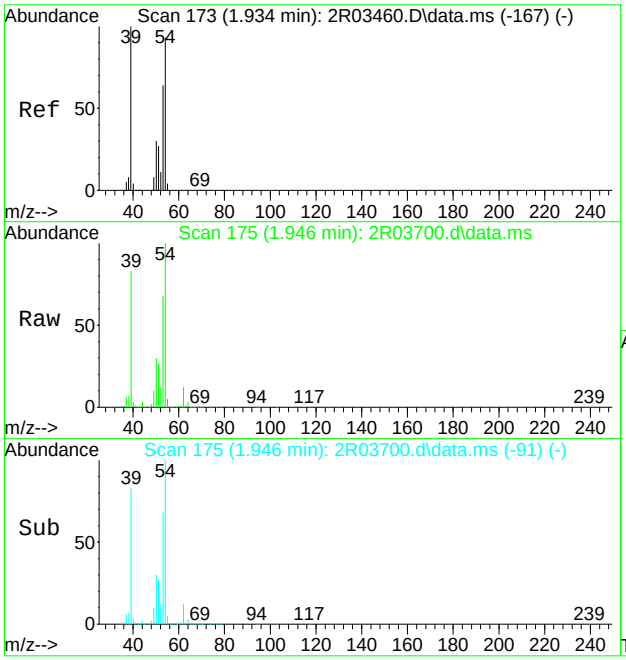


#9
vinyl chloride
Concen: 60.4543 ug/L
RT: 1.909 min Scan# 169
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 62 Resp: 387237

Ion	Ratio	Lower	Upper
62	100		
64	32.1	0.0	60.0
61	8.1	0.0	38.3
60	5.6	0.0	36.0

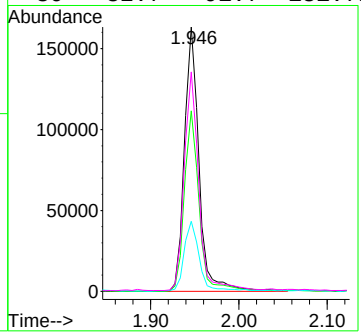


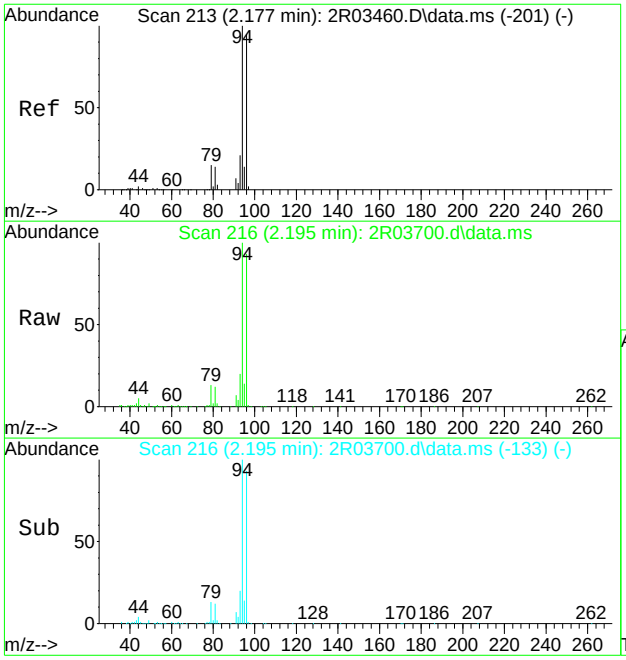


#10
1,3-butadiene
Concen: 33.3972 ug/L
RT: 1.946 min Scan# 175
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 54 Resp: 187831

Ion	Ratio	Lower	Upper
54	100		
53	68.2	49.3	89.3
51	26.3	10.0	50.0
39	82.7	91.7	131.7#

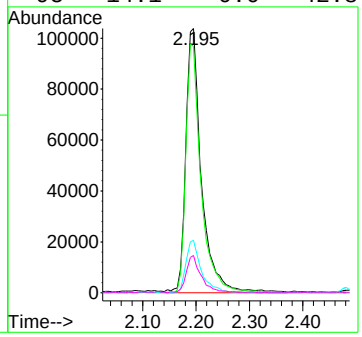


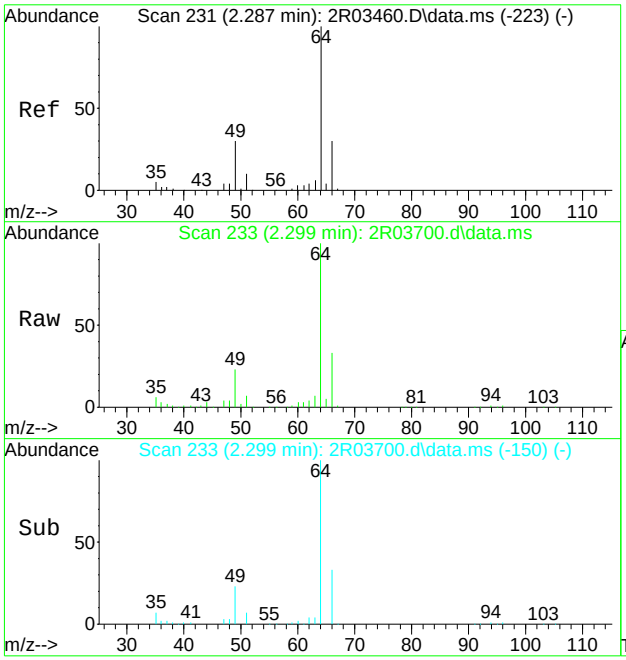


#11
bromomethane
Concen: 80.4961 ug/L
RT: 2.195 min Scan# 216
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 94 Resp: 213265

Ion	Ratio	Lower	Upper
94	100		
96	93.4	64.1	124.1
93	19.9	0.0	50.0
95	14.1	0.0	42.8

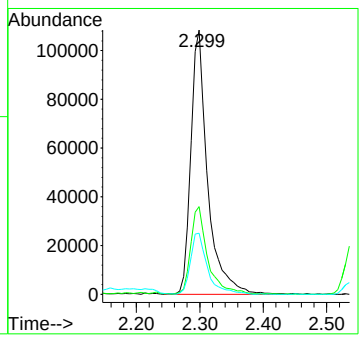


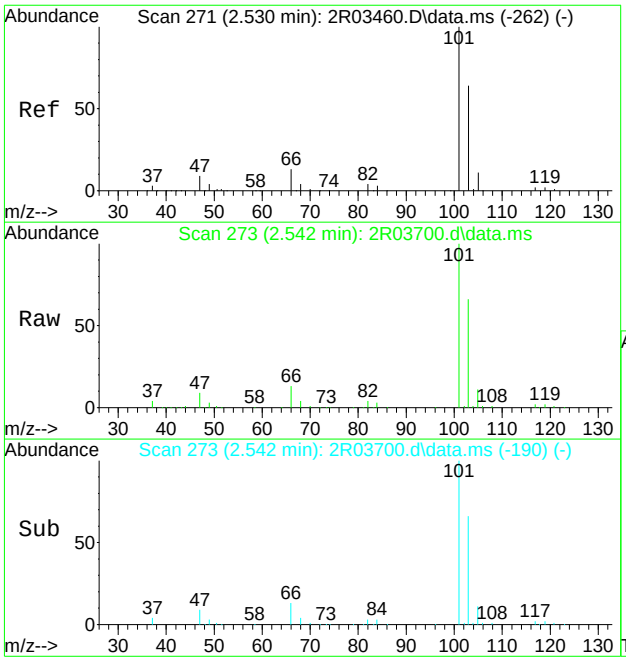


#12
chloroethane
Concen: 54.1792 ug/L
RT: 2.299 min Scan# 233
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 64 Resp: 199150

Ion	Ratio	Lower	Upper
64	100		
66	33.0	1.8	61.8
49	23.1	0.6	60.6

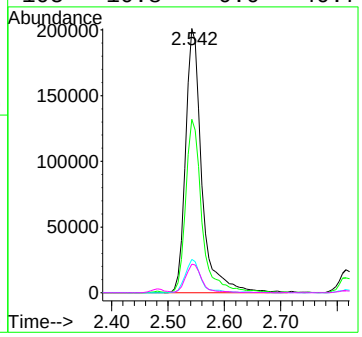


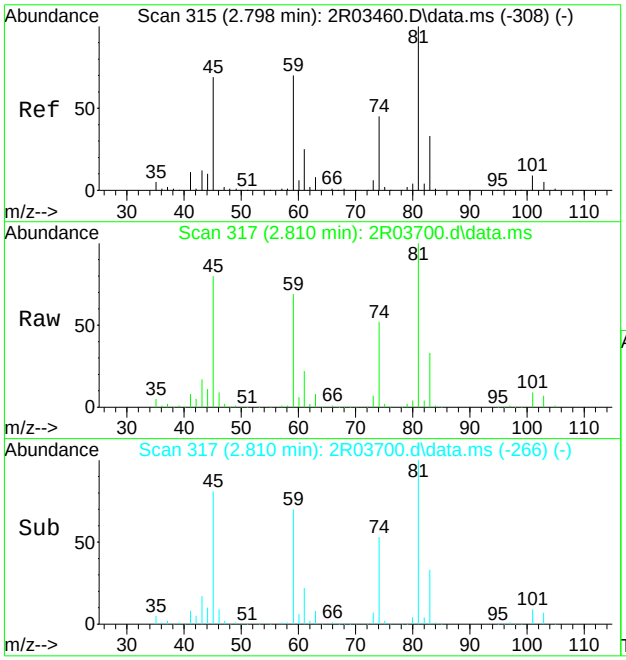


#13
trichlorofluoromethane
Concen: 55.1482 ug/L
RT: 2.542 min Scan# 273
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:101 Resp: 404974

Ion	Ratio	Lower	Upper
101	100		
103	65.4	33.7	93.7
66	12.7	0.0	42.7
105	10.8	0.0	40.7

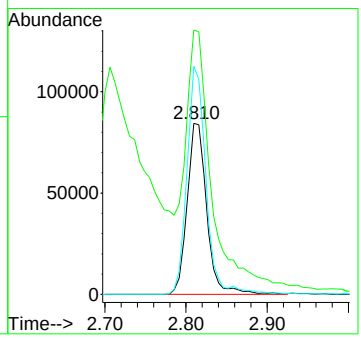


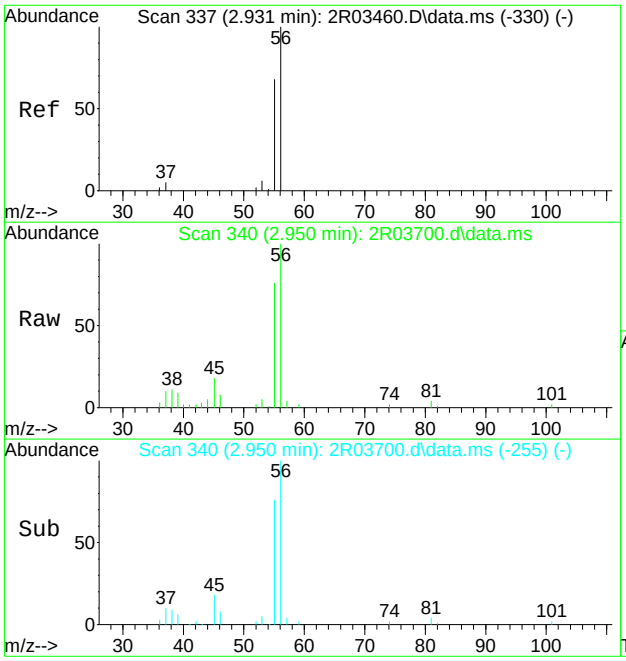


#14
ethyl ether
Concen: 49.3655 ug/L
RT: 2.810 min Scan# 317
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 74 Resp: 141876

Ion	Ratio	Lower	Upper
74	100		
45	149.2	130.1	190.1
59	133.4	124.4	184.4

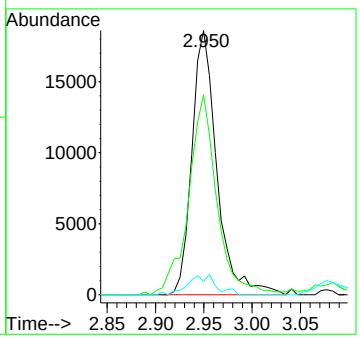


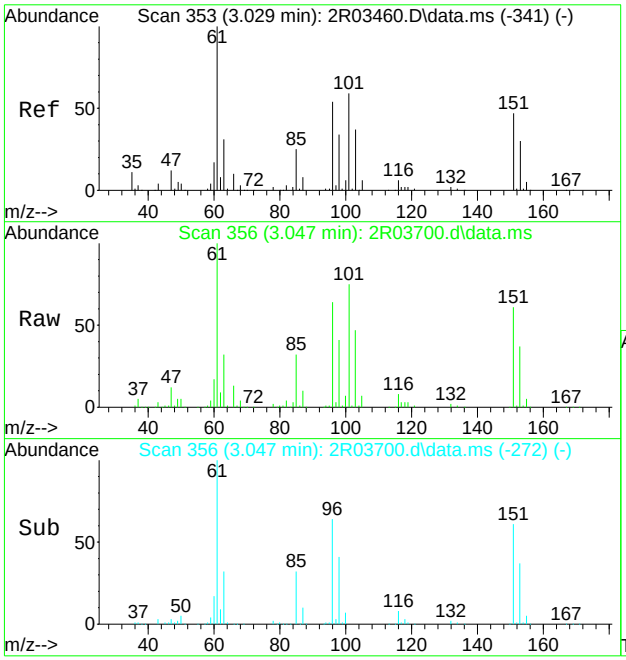


#15
acrolein
Concen: 26.1033 ug/L
RT: 2.950 min Scan# 340
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 56 Resp: 33361

Ion	Ratio	Lower	Upper
56	100		
55	74.5	32.7	92.7
53	5.0	0.0	36.3

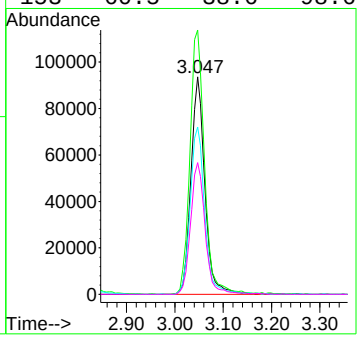


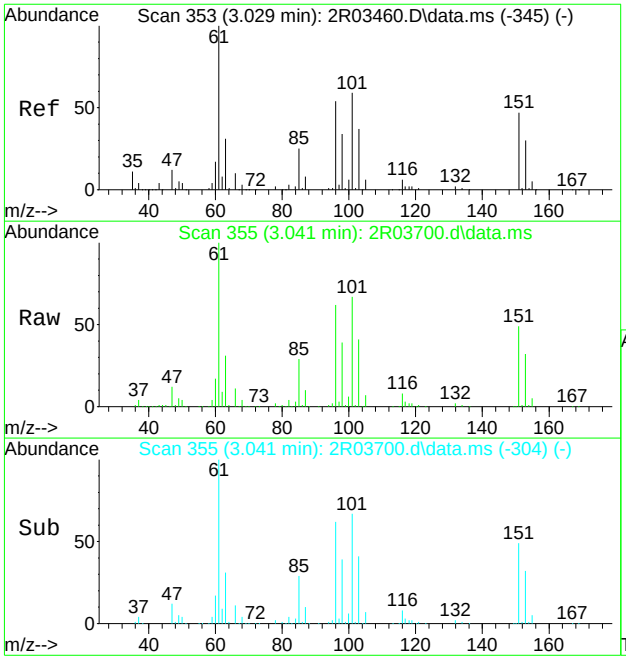


#16
freon 113
Concen: 49.3724 ug/L
RT: 3.047 min Scan# 356
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:151 Resp: 187960

Ion	Ratio	Lower	Upper
151	100		
101	121.6	97.7	157.7
103	76.8	51.1	111.1
153	60.5	38.6	98.6

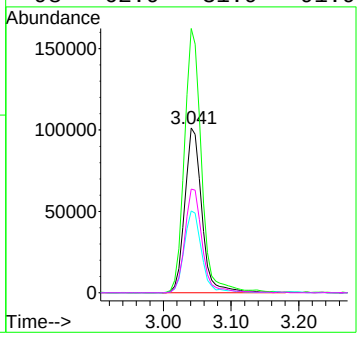


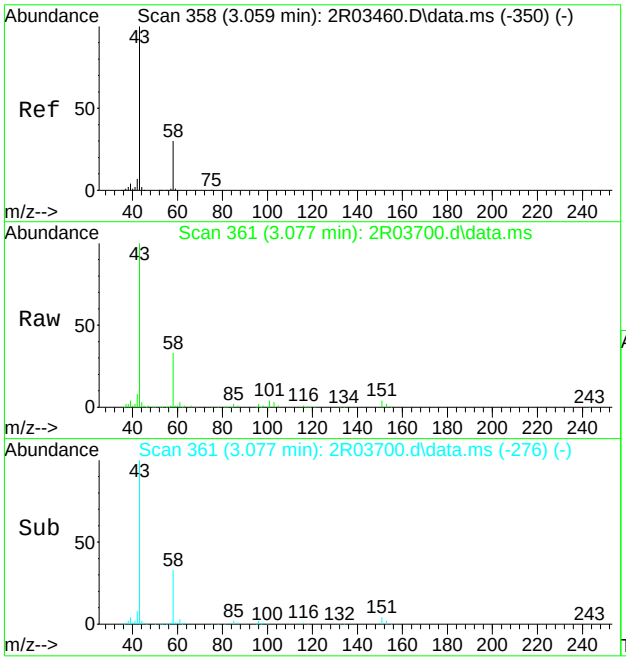


#17
1,1-dichloroethene
Concen: 49.8212 ug/L
RT: 3.041 min Scan# 355
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 96 Resp: 178892

Ion	Ratio	Lower	Upper
96	100		
61	160.4	152.3	212.3
63	49.8	26.5	86.5
98	62.9	31.9	91.9

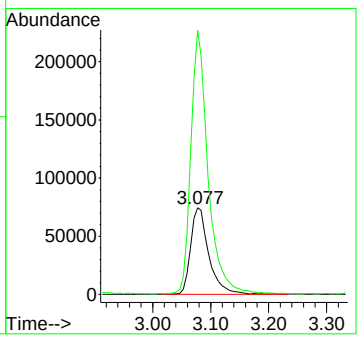


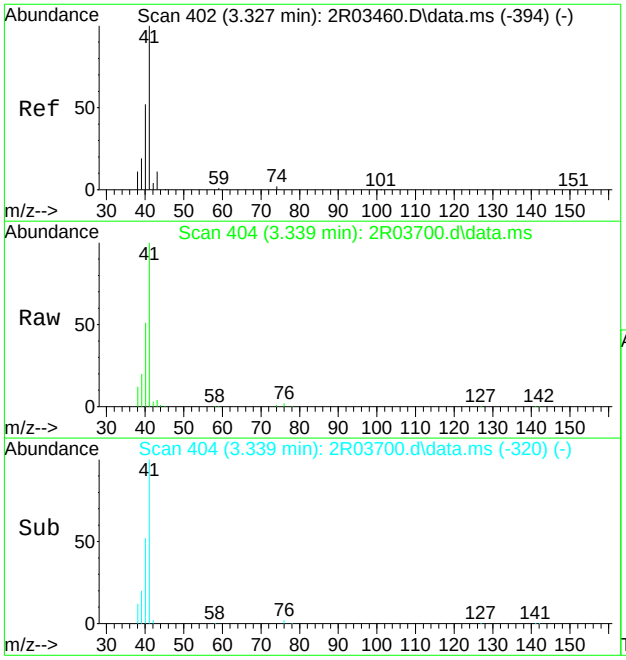


#18
acetone
Concen: 182.6716 ug/L
RT: 3.077 min Scan# 361
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 58 Resp: 162655

Ion	Ratio	Lower	Upper
58	100		
43	304.9	308.6	368.6#

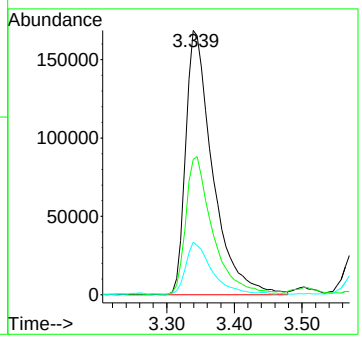


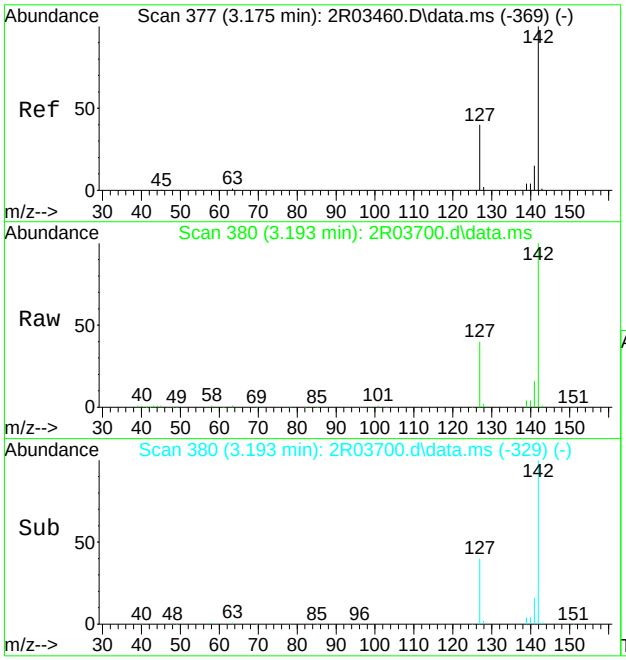


#19
acetonitrile
Concen: 270.5171 ug/L
RT: 3.339 min Scan# 404
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 41 Resp: 467226

Ion	Ratio	Lower	Upper
41	100		
40	51.0	22.9	82.9
39	19.8	0.0	48.7

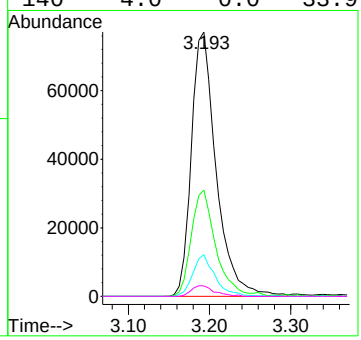


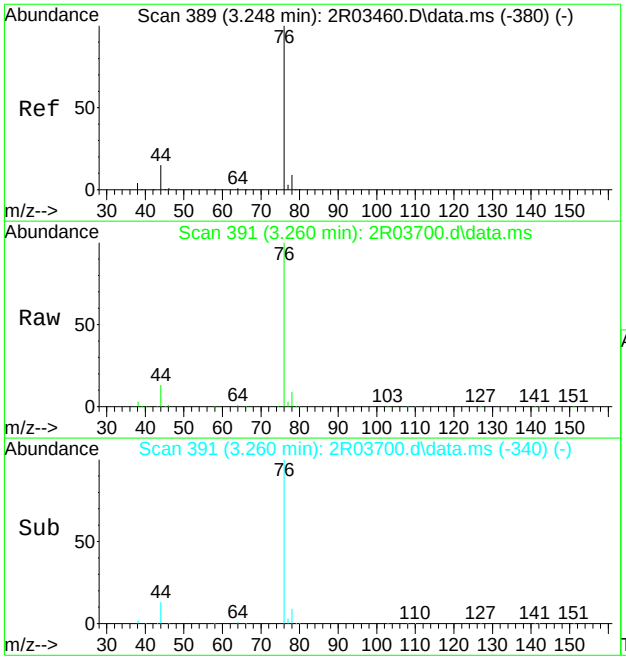


#20
iodomethane
Concen: 26.8753 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:142 Resp: 163836

Ion	Ratio	Lower	Upper
142	100		
127	40.2	8.8	68.8
141	15.8	0.0	43.6
140	4.0	0.0	33.9

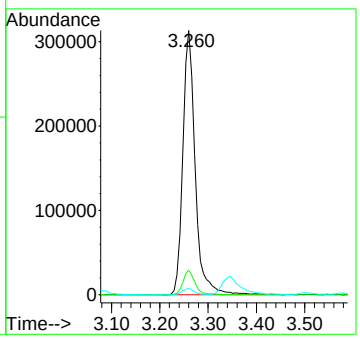


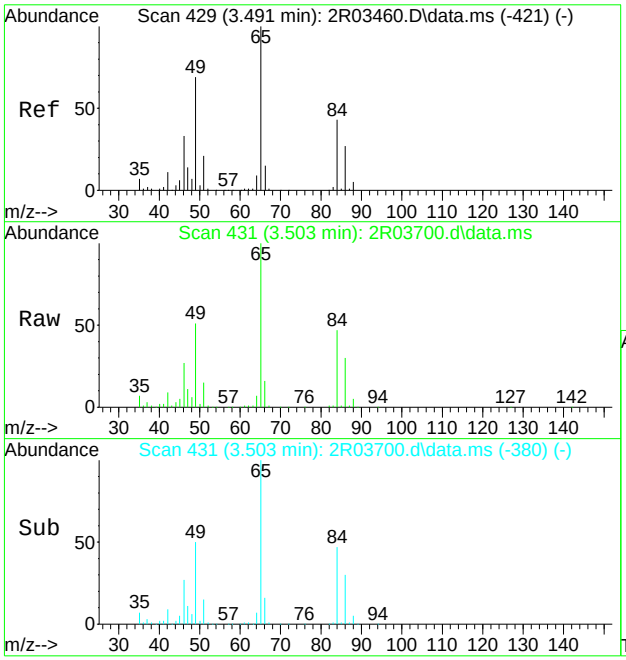


#21
carbon disulfide
Concen: 40.8949 ug/L
RT: 3.260 min Scan# 391
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 76 Resp: 556925

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	38.5
38	2.6	0.0	34.3

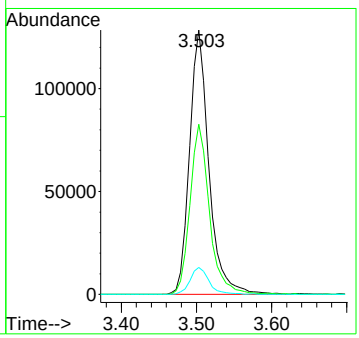


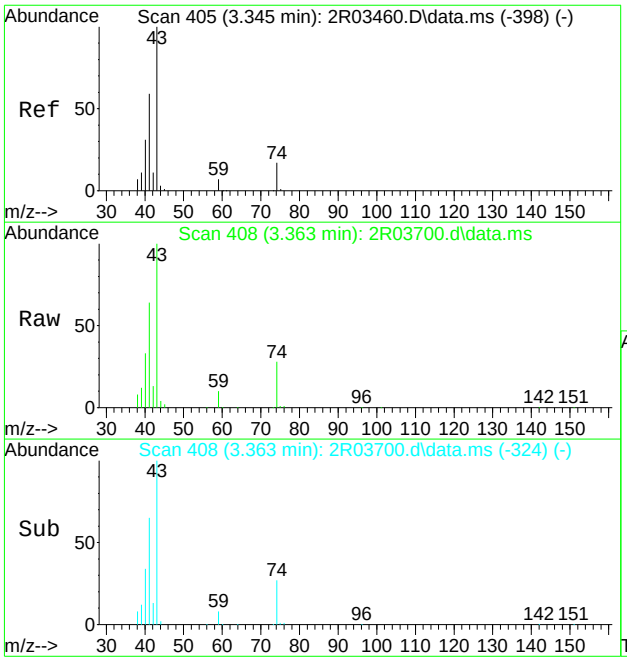


#22
methylene chloride
Concen: 47.1406 ug/L
RT: 3.503 min Scan# 431
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 84 Resp: 230115

Ion	Ratio	Lower	Upper
84	100		
86	64.3	32.5	92.5
88	10.2	0.0	40.0

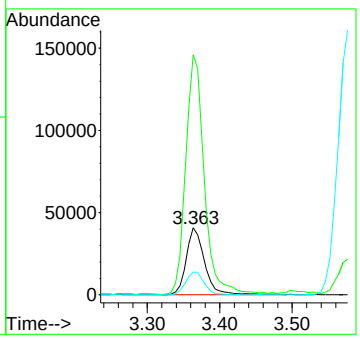


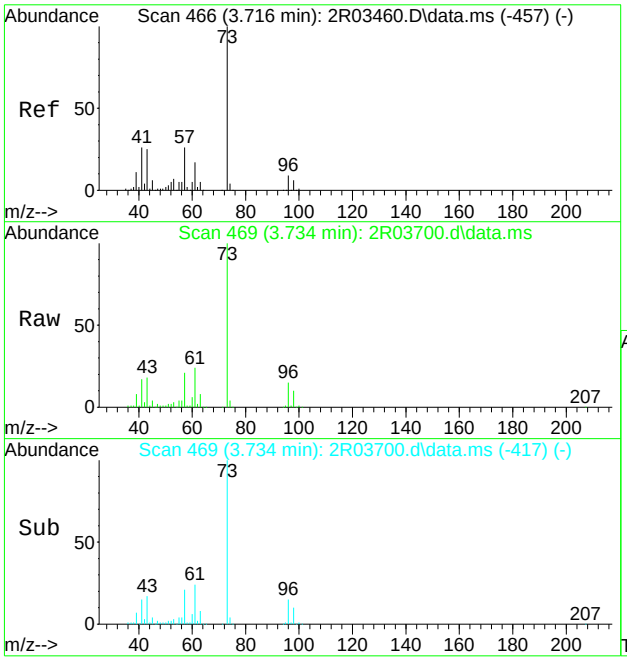


#23
methyl acetate
Concen: 52.9574 ug/L
RT: 3.363 min Scan# 408
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 74 Resp: 71682

Ion	Ratio	Lower	Upper
74	100		
43	356.8	551.2	611.2#
59	34.0	13.4	73.4

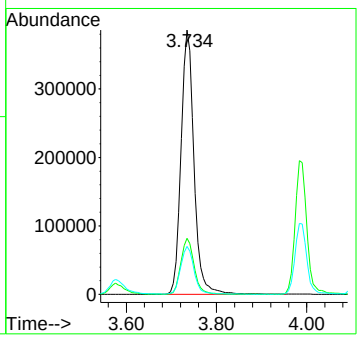


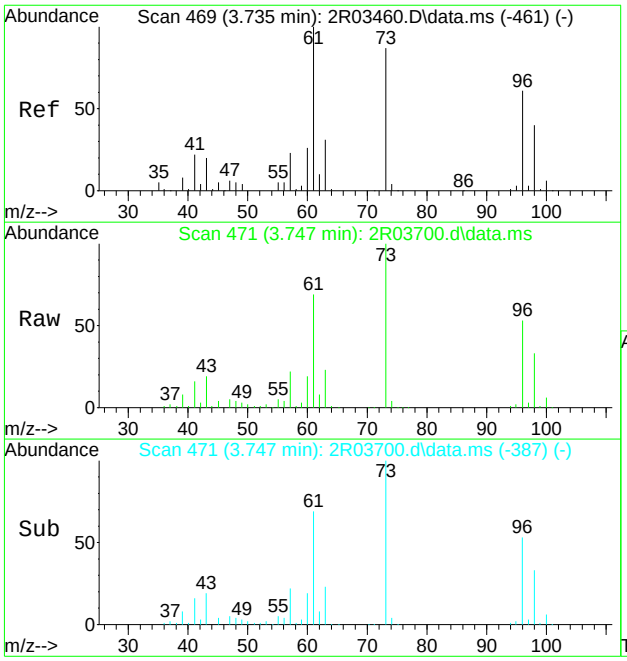


#24
methyl tert butyl ether
Concen: 46.5111 ug/L
RT: 3.734 min Scan# 469
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 73 Resp: 772913

Ion	Ratio	Lower	Upper
73	100		
57	21.2	0.0	56.0
43	18.0	0.0	55.3

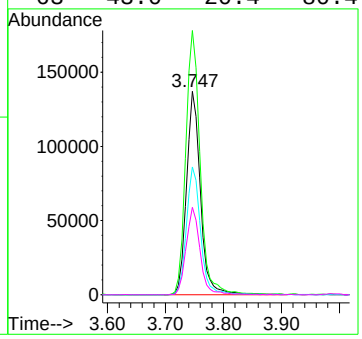


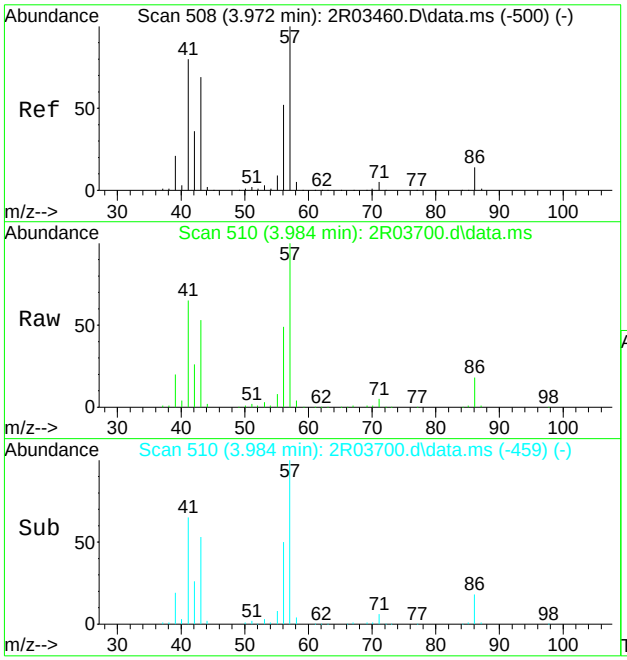


#25
trans-1,2-dichloroethene
Concen: 49.2896 ug/L
RT: 3.747 min Scan# 471
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 96 Resp: 228904

Ion	Ratio	Lower	Upper
96	100		
61	130.0	137.2	197.2#
98	62.8	35.2	95.2
63	43.0	20.4	80.4

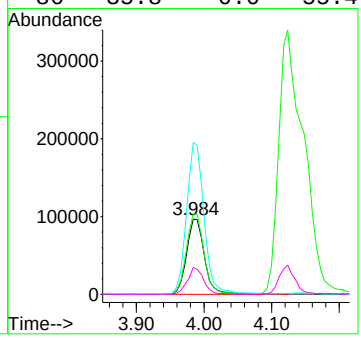


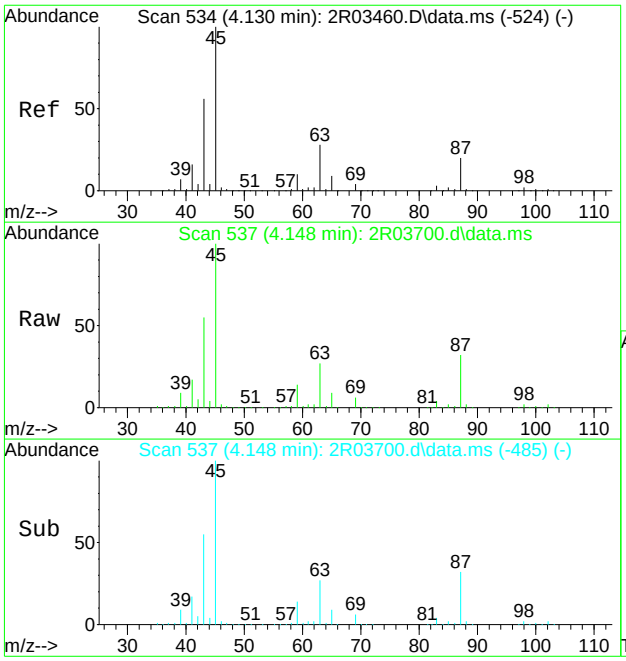


#26
hexane
Concen: 35.5729 ug/L
RT: 3.984 min Scan# 510
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 56 Resp: 178343

Ion	Ratio	Lower	Upper
56	100		
43	106.9	100.9	160.9
57	202.2	156.3	216.3
86	35.8	0.0	55.4

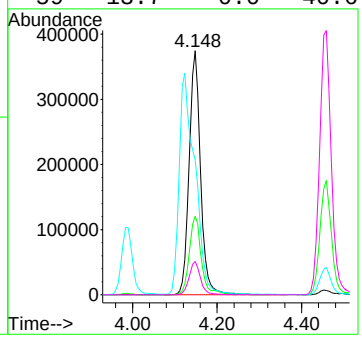


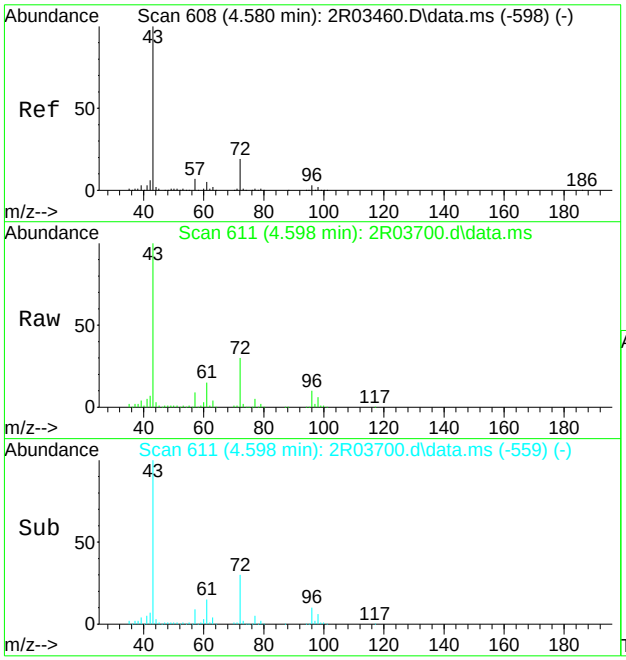


#27
di-isopropyl ether
Concen: 32.9956 ug/L
RT: 4.148 min Scan# 537
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 45 Resp: 708590

Ion	Ratio	Lower	Upper
45	100		
87	32.2	0.0	49.8
43	55.0	21.0	81.0
59	13.7	0.0	40.6

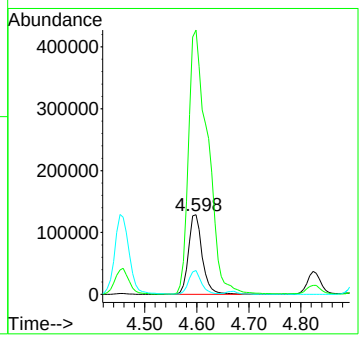


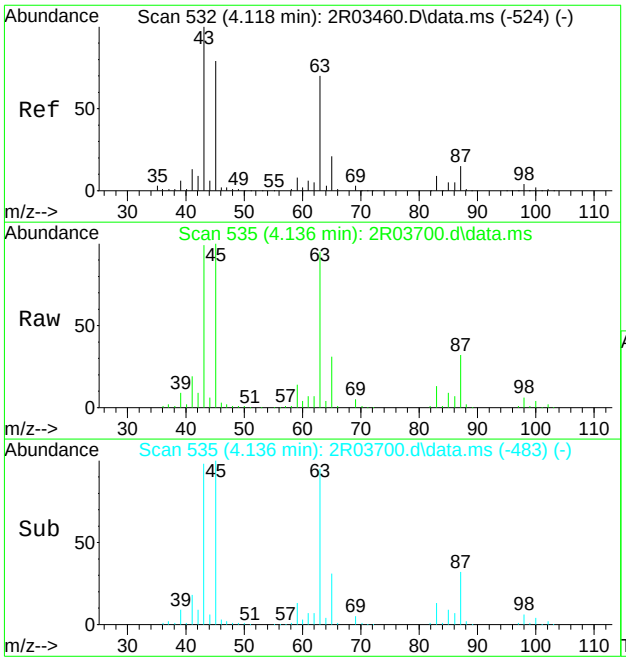


#28
2-butanone
Concen: 235.2328 ug/L
RT: 4.598 min Scan# 611
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 72 Resp: 236503

Ion	Ratio	Lower	Upper
72	100		
43	332.0	474.4	534.4#
57	29.9	5.9	65.9

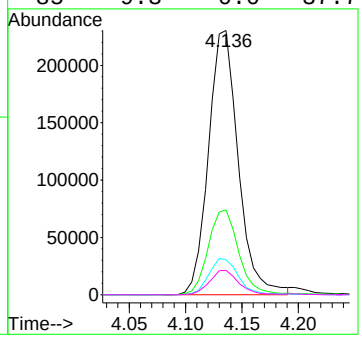


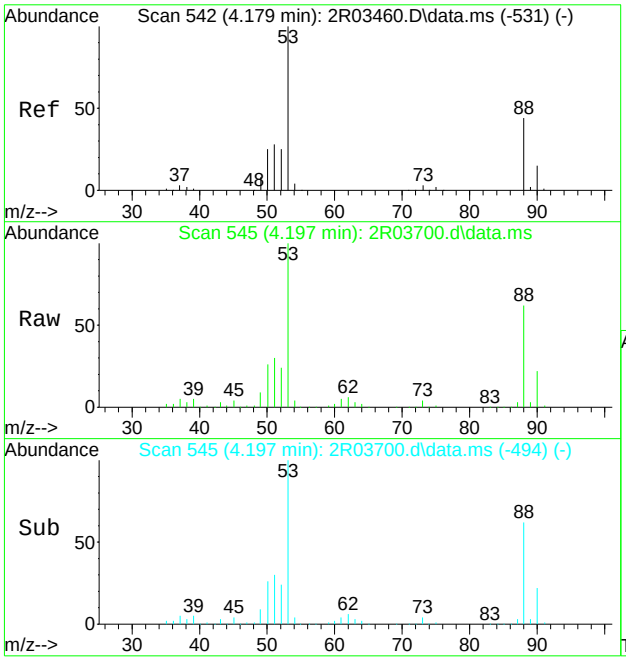


#29
1,1-dichloroethane
Concen: 42.8377 ug/L
RT: 4.136 min Scan# 535
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 63 Resp: 424341

Ion	Ratio	Lower	Upper
63	100		
65	32.1	1.0	61.0
83	13.3	0.0	42.5
85	9.3	0.0	37.7

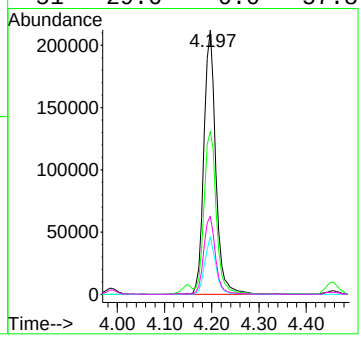


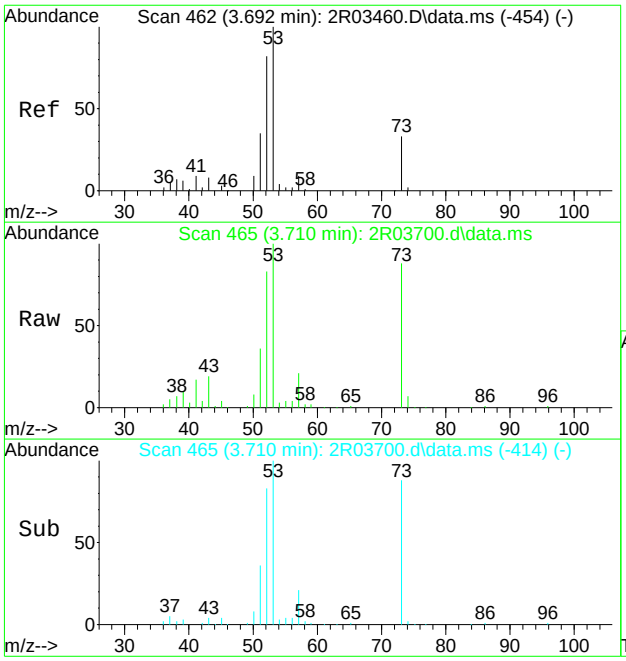


#30
chloroprene
Concen: 39.0859 ug/L
RT: 4.197 min Scan# 545
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 53 Resp: 372324

Ion	Ratio	Lower	Upper
53	100		
88	61.6	17.0	77.0
90	21.9	0.0	45.0
51	29.6	0.0	57.8

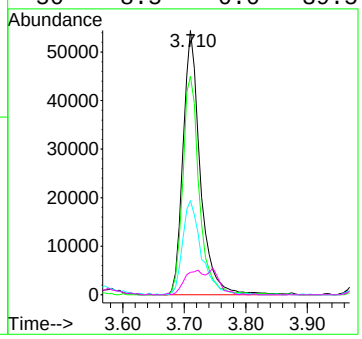


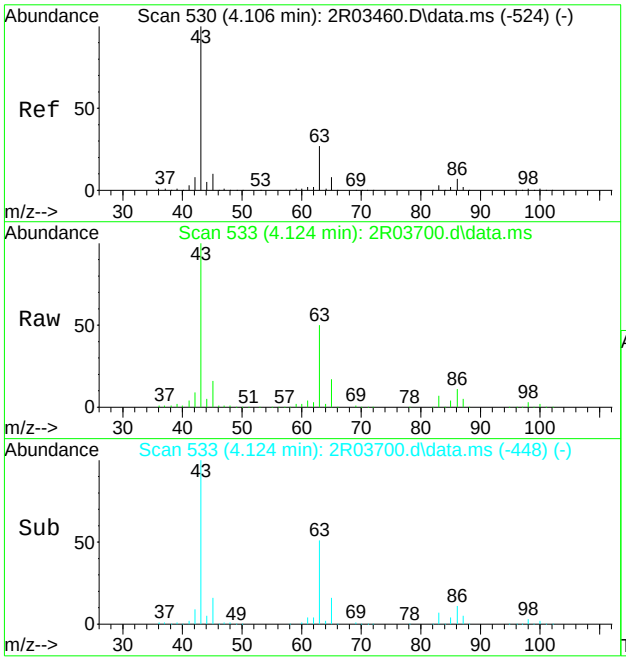


#31
acrylonitrile
Concen: 27.5483 ug/L
RT: 3.710 min Scan# 465
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 53 Resp: 106138

Ion	Ratio	Lower	Upper
53	100		
52	82.6	48.6	108.6
51	35.6	5.3	65.3
50	8.5	0.0	39.5

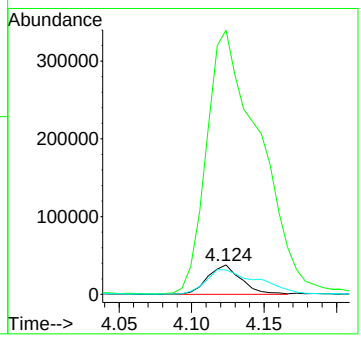


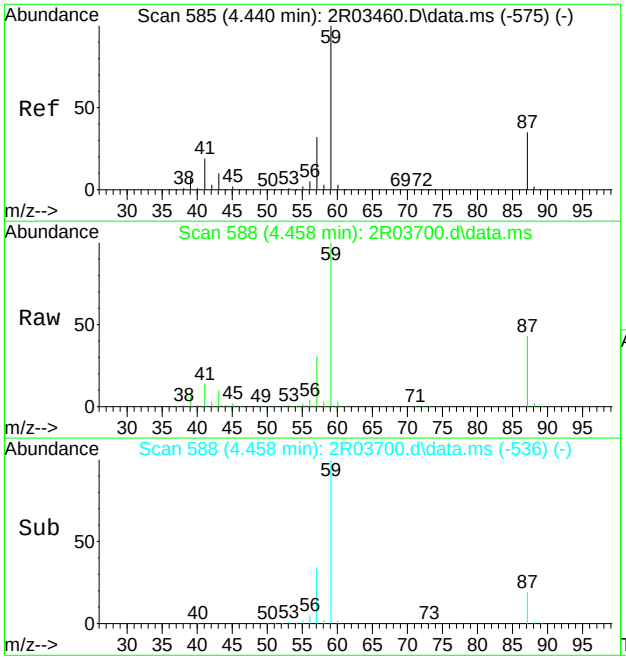


#32
vinyl acetate
Concen: 84.5091 ug/L
RT: 4.124 min Scan# 533
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 86 Resp: 61650

Ion	Ratio	Lower	Upper
86	100		
43	892.5	1491.9	1551.9#
42	81.3	93.9	153.9#

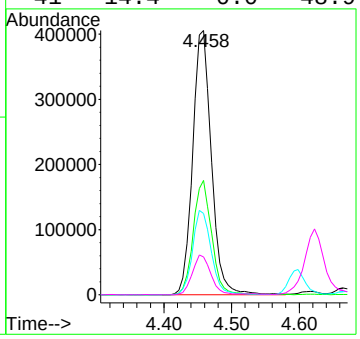


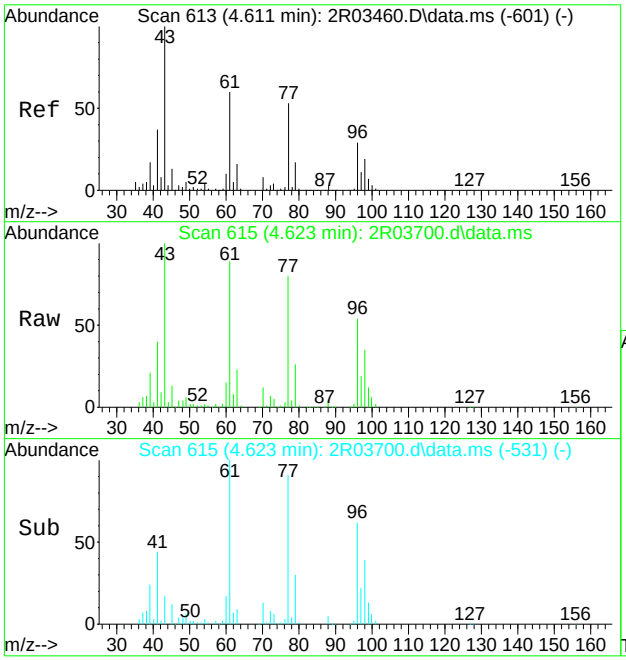


#33
ethyl tert-butyl ether
Concen: 43.0402 ug/L
RT: 4.458 min Scan# 588
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 59 Resp: 782788

Ion	Ratio	Lower	Upper
59	100		
87	43.3	5.0	65.0
57	30.7	2.2	62.2
41	14.4	0.0	48.9

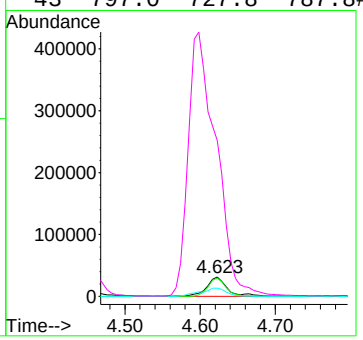


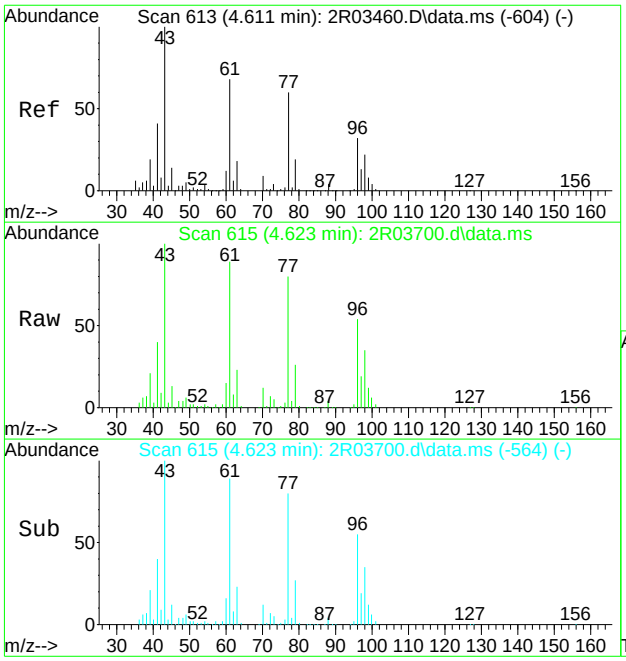


#34
ethyl acetate
Concen: 35.3511 ug/L
RT: 4.623 min Scan# 615
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 45 Resp: 60669

Ion	Ratio	Lower	Upper
45	100		
70	93.6	35.7	95.7
73	42.4	0.0	58.5
43	797.0	727.8	787.8#

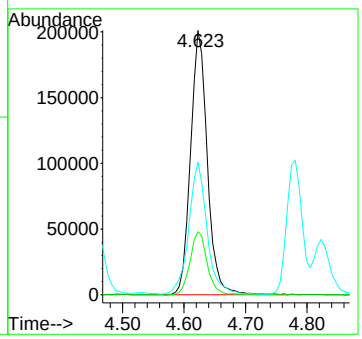


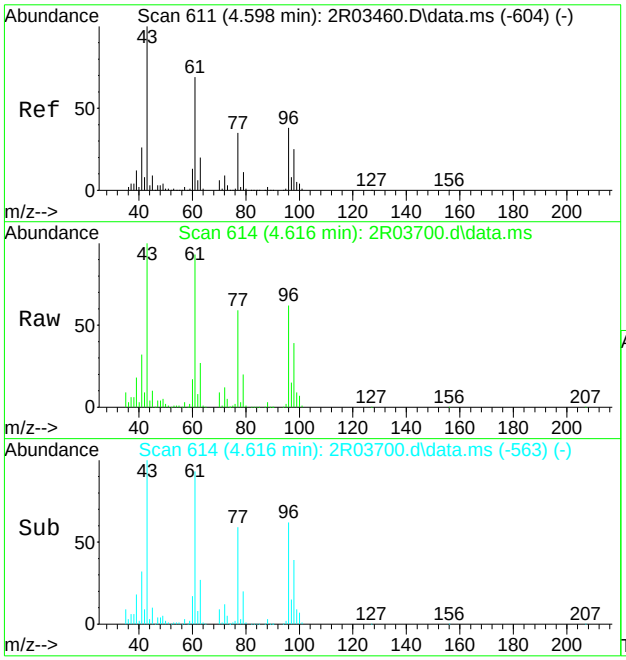


#35
2,2-dichloropropane
Concen: 51.6607 ug/L
RT: 4.623 min Scan# 615
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 77 Resp: 381460

Ion	Ratio	Lower	Upper
77	100		
97	23.8	0.0	52.0
41	49.8	38.0	98.0

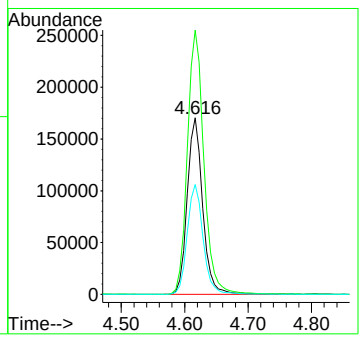


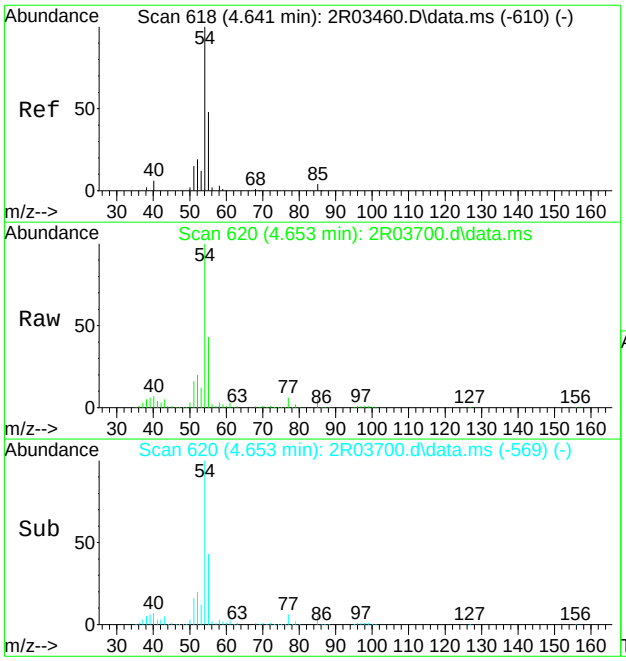


#36
cis-1,2-dichloroethene
Concen: 55.1445 ug/L
RT: 4.616 min Scan# 614
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 96 Resp: 289139

Ion	Ratio	Lower	Upper
96	100		
61	149.7	159.0	219.0#
98	62.3	35.2	95.2

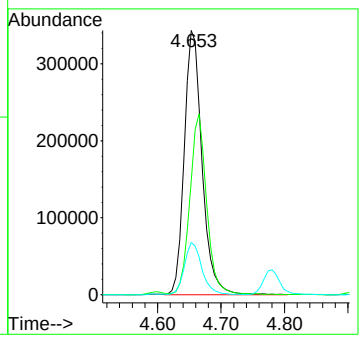


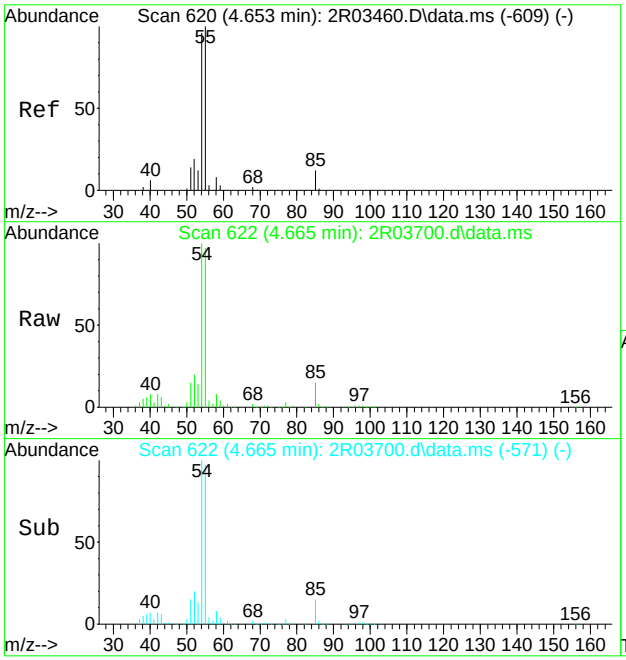


#37
propionitrile
Concen: 381.5220 ug/L
RT: 4.653 min Scan# 620
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 54 Resp: 668699

Ion	Ratio	Lower	Upper
54	100		
55	43.1	20.4	80.4
52	19.6	0.0	50.2

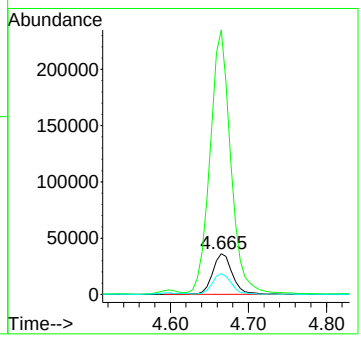


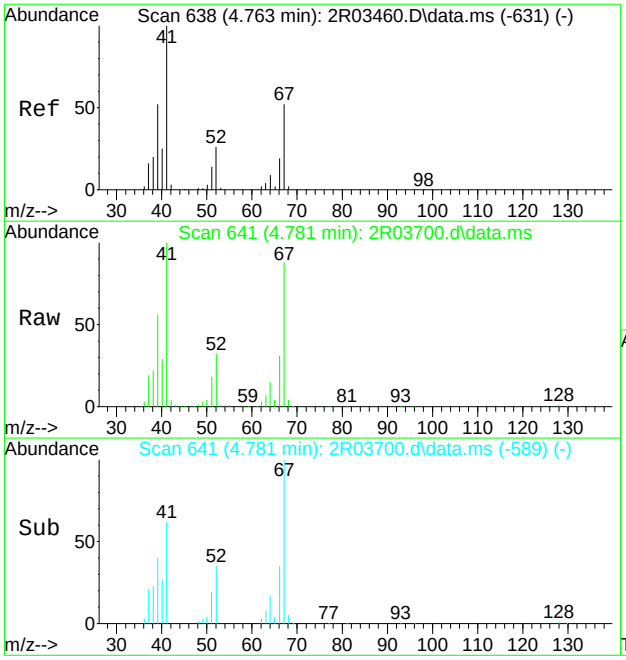


#38
methyl acrylate
Concen: 57.7121 ug/L
RT: 4.665 min Scan# 622
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 85 Resp: 63276

Ion	Ratio	Lower	Upper
85	100		
55	647.6	817.2	857.2#
58	51.1	44.7	84.7

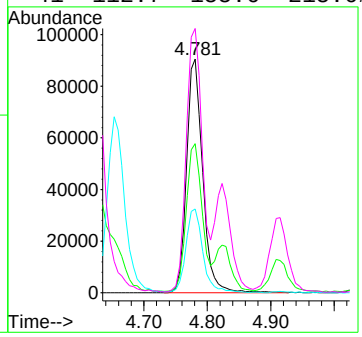


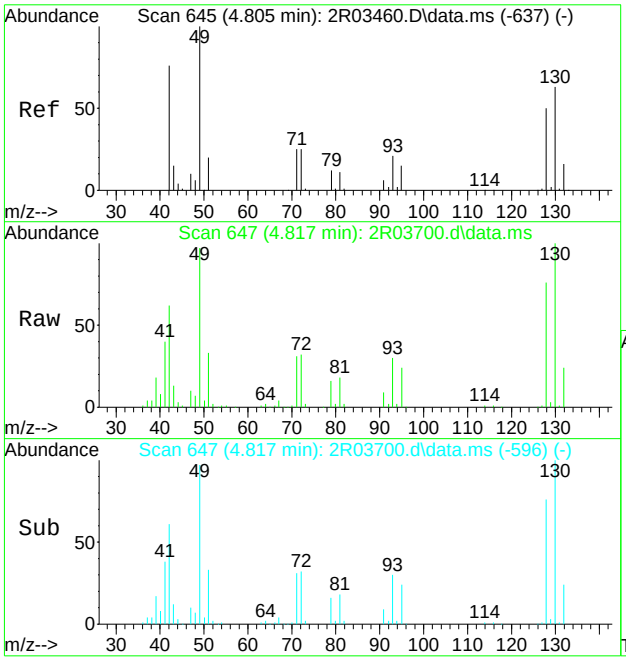


#39
methacrylonitrile
Concen: 51.2411 ug/L
RT: 4.781 min Scan# 641
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 67 Resp: 160250

Ion	Ratio	Lower	Upper
67	100		
39	63.1	70.3	130.3#
52	35.6	18.2	78.2
41	112.7	155.6	215.6#

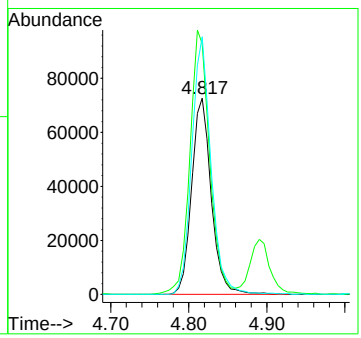


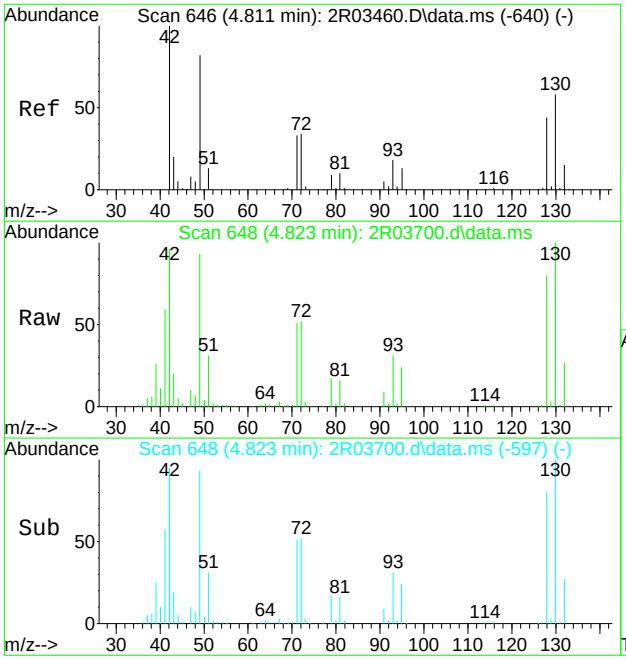


#40
bromochloromethane
Concen: 50.7599 ug/L
RT: 4.817 min Scan# 647
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:128 Resp: 126689

Ion	Ratio	Lower	Upper
128	100		
49	126.6	184.6	244.6#
130	131.3	103.2	163.2

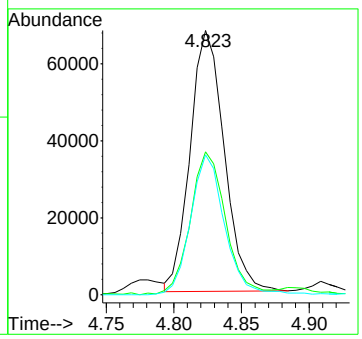


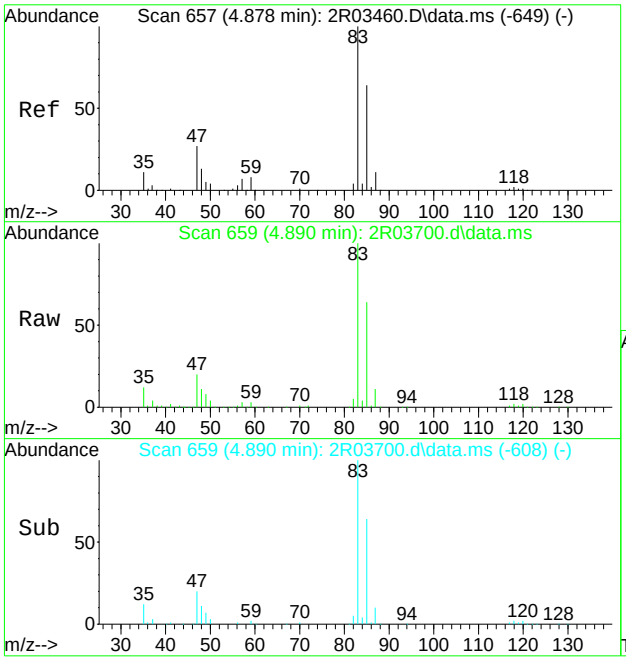


#41
tetrahydrofuran
Concen: 28.6661 ug/L
RT: 4.823 min Scan# 648
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 42 Resp: 118540

Ion	Ratio	Lower	Upper
42	100		
72	53.3	4.8	64.8
71	53.1	2.6	62.6

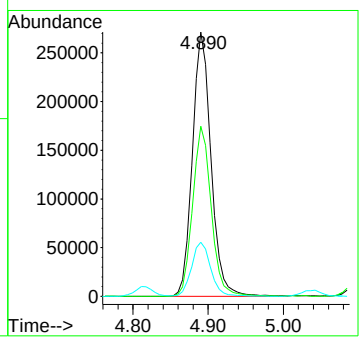


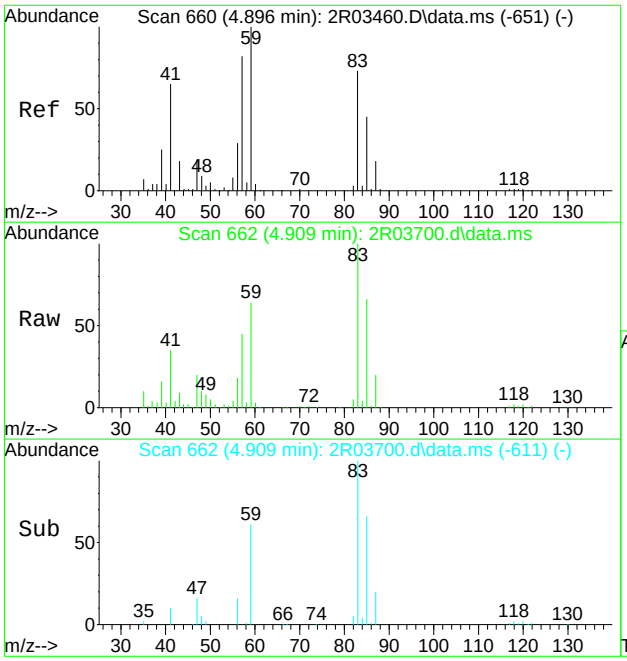


#42
chloroform
Concen: 46.5351 ug/L
RT: 4.890 min Scan# 659
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 83 Resp: 467110

Ion	Ratio	Lower	Upper
83	100		
85	64.3	34.0	94.0
47	20.4	0.0	59.2

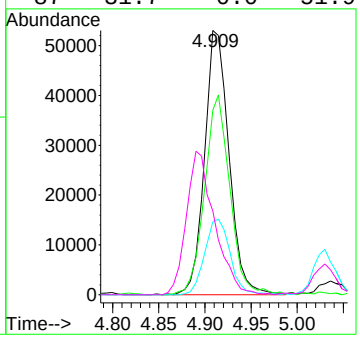


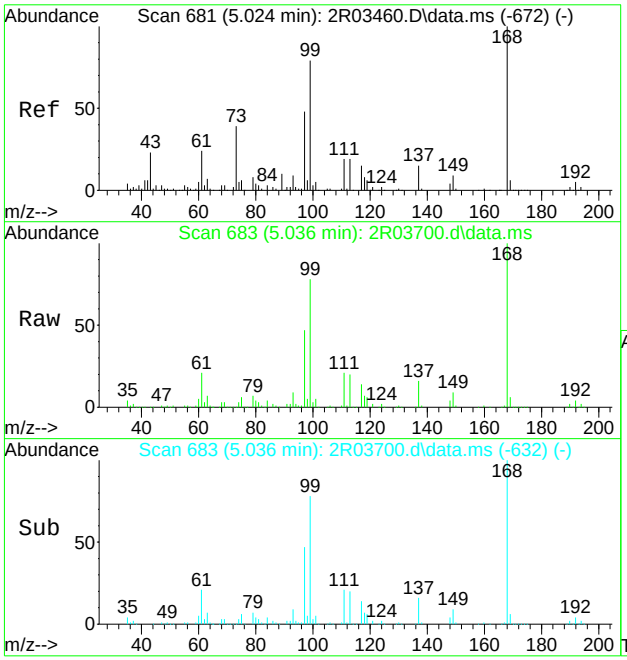


#43
tert-Butyl Formate
Concen: 38.9565 ug/L
RT: 4.909 min Scan# 662
Delta R.T. 0.013 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 59 Resp: 98056

Ion	Ratio	Lower	Upper
59	100		
57	69.8	55.3	115.3
56	27.6	0.0	59.1
87	31.7	0.0	51.9

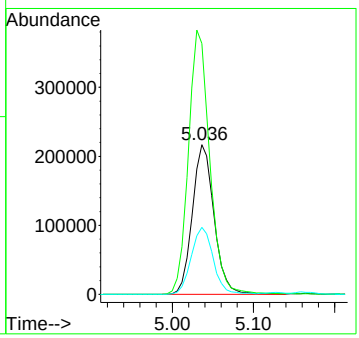


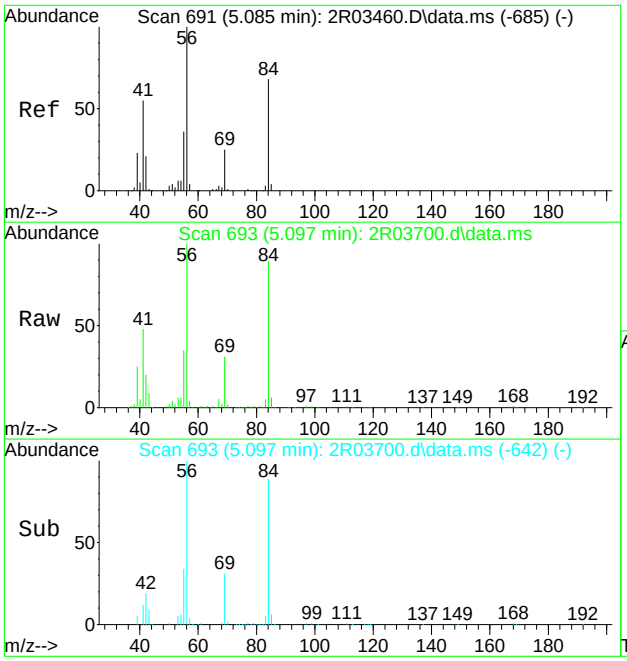


#45
1,1,1-trichloroethane
Concen: 51.3519 ug/L
RT: 5.036 min Scan# 683
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 97 Resp: 402274

Ion	Ratio	Lower	Upper
97	100		
99	167.7	132.5	192.5
61	44.8	19.5	79.5

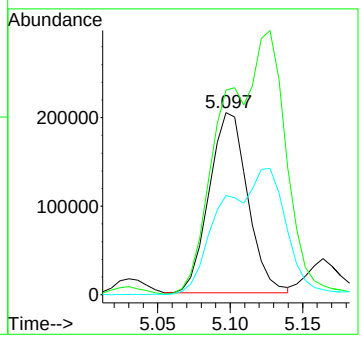


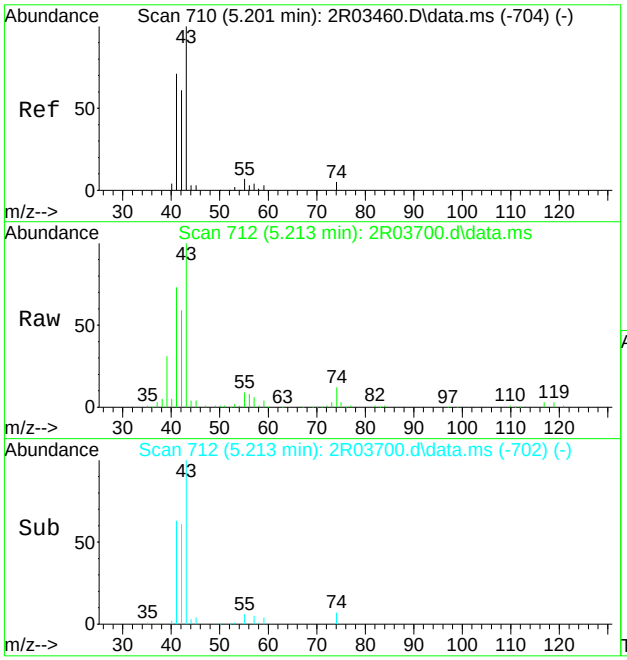


#46
cyclohexane
Concen: 54.7918 ug/L
RT: 5.097 min Scan# 693
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 84 Resp: 377852

Ion	Ratio	Lower	Upper
84	100		
56	113.2	122.5	182.5#
41	54.9	54.9	114.9#

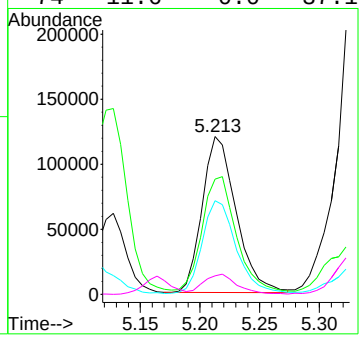


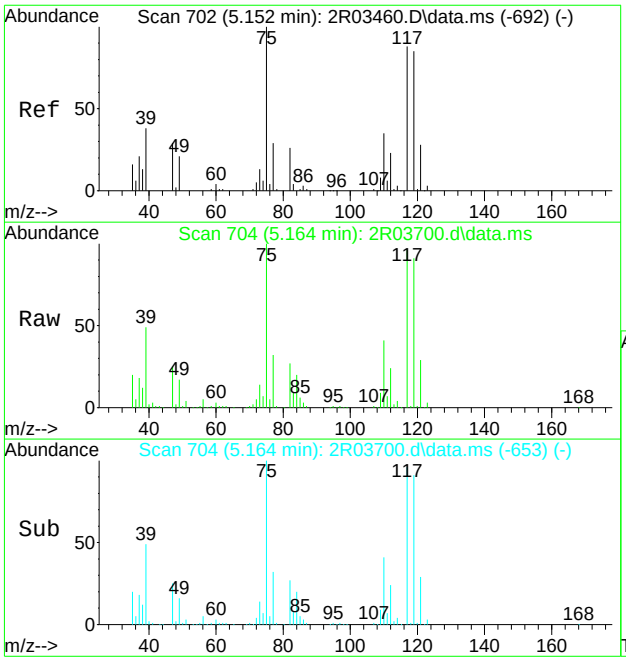


#47
isobutyl alcohol
Concen: 358.2857 ug/L
RT: 5.213 min Scan# 712
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 43 Resp: 236630

Ion	Ratio	Lower	Upper
43	100		
41	71.7	40.3	100.3
42	59.6	29.8	89.8
74	11.6	0.0	37.1

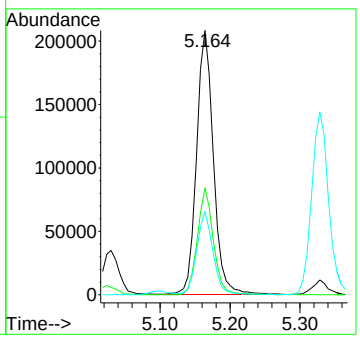


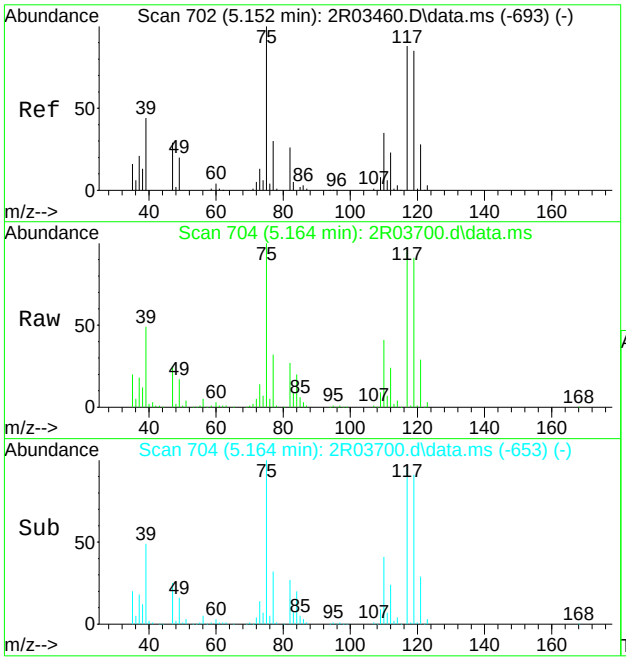


#48
1,1-dichloropropene
Concen: 51.1948 ug/L
RT: 5.164 min Scan# 704
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 75 Resp: 346873

Ion	Ratio	Lower	Upper
75	100		
110	40.6	13.9	53.9
77	31.5	10.4	50.4

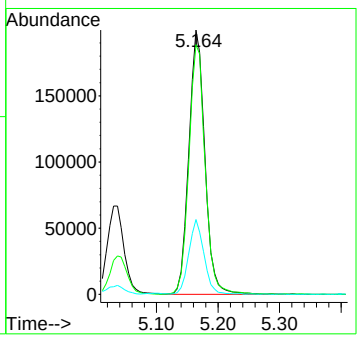


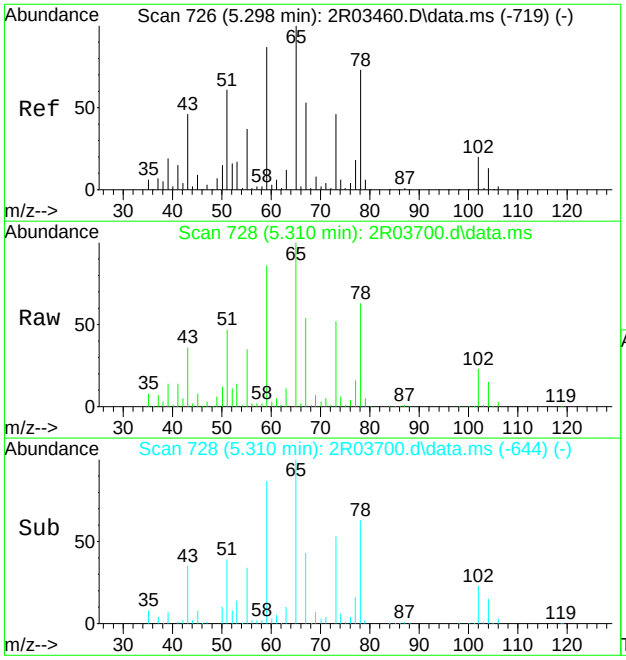


#49
carbon tetrachloride
Concen: 53.7299 ug/L
RT: 5.164 min Scan# 704
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:117 Resp: 362328

Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.2	113.2
82	28.3	0.0	58.4

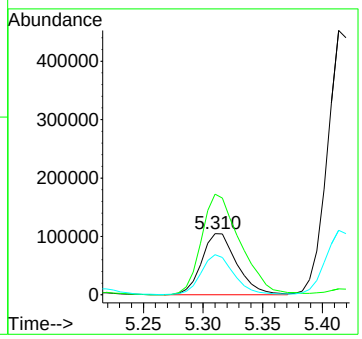


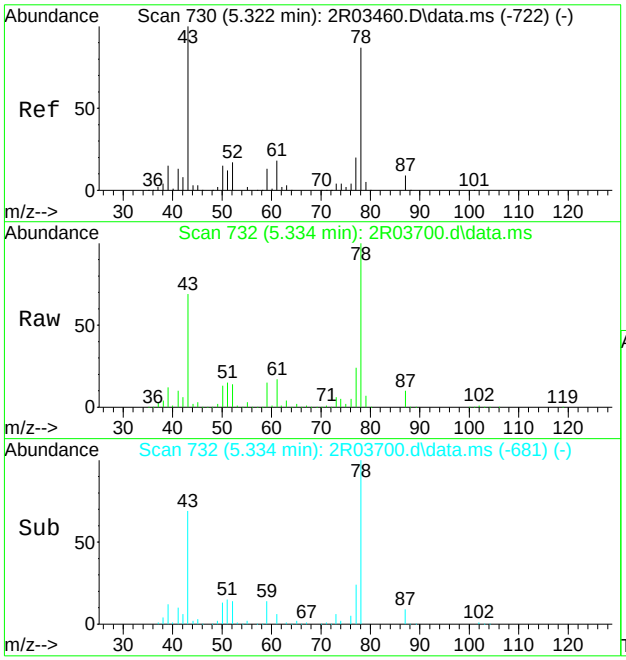


#50
tert-amyl alcohol
Concen: 280.8350 ug/L
RT: 5.310 min Scan# 728
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 73 Resp: 213823

Ion	Ratio	Lower	Upper
73	100		
59	164.9	165.8	205.8#
55	65.3	50.6	110.6

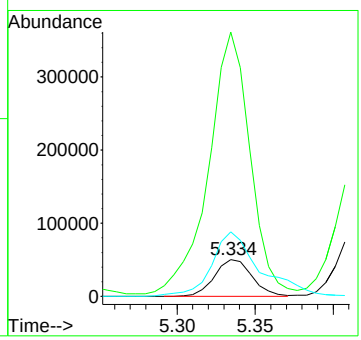


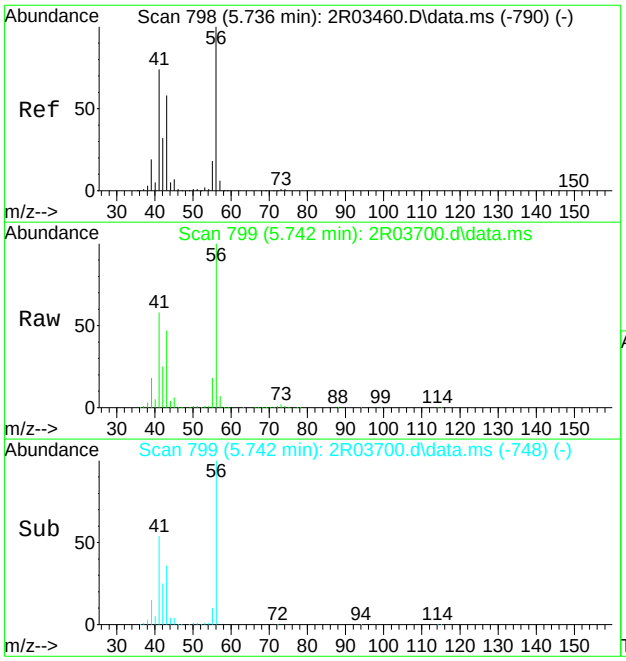


#51
isopropyl acetate
Concen: 54.4854 ug/L
RT: 5.334 min Scan# 732
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 87 Resp: 84312

Ion	Ratio	Lower	Upper
87	100		
43	696.0	1062.3	1122.3#
61	169.9	162.1	222.1

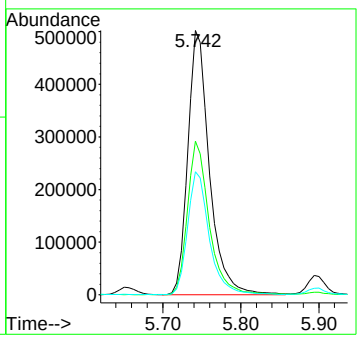


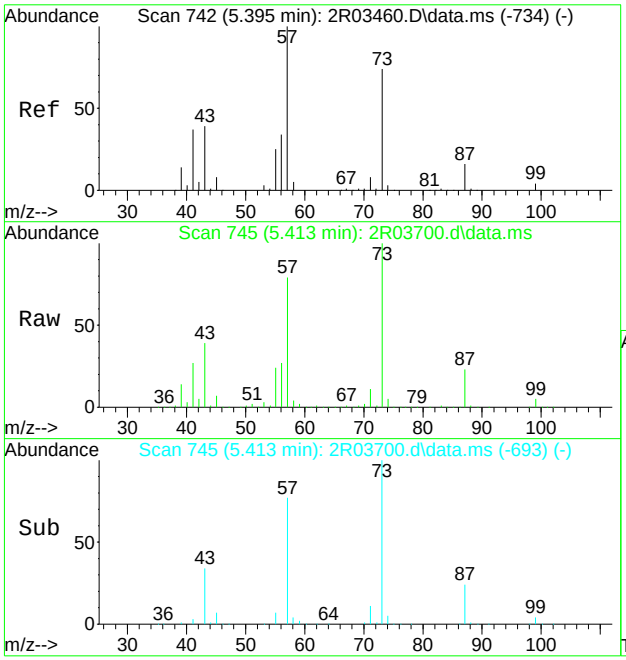


#54
n-butyl alcohol
Concen: 2167.4961 ug/L
RT: 5.742 min Scan# 799
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 56 Resp: 961413

Ion	Ratio	Lower	Upper
56	100		
41	58.0	44.9	104.9
43	46.5	29.1	89.1

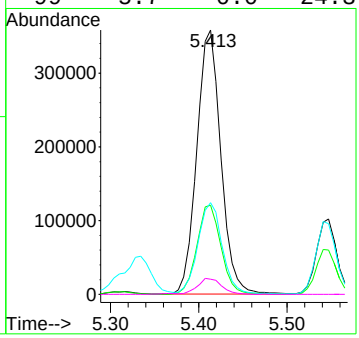


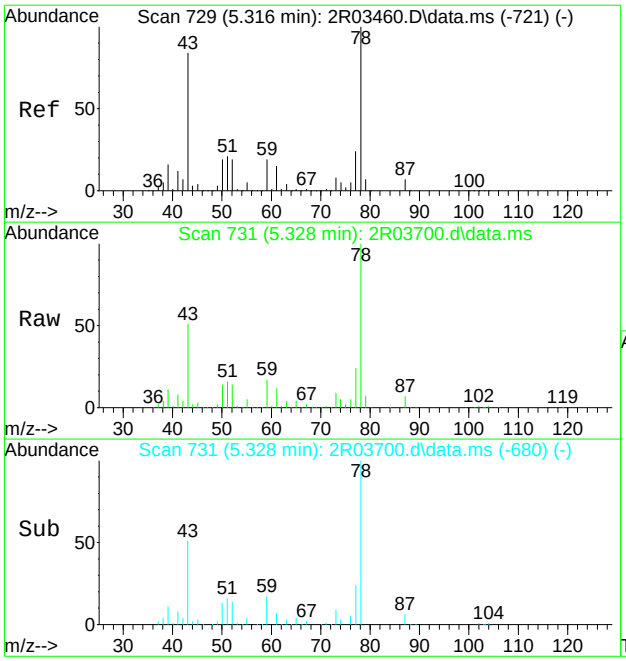


#55
2,2,4-trimethylpentane
Concen: 36.6598 ug/L
RT: 5.413 min Scan# 745
Delta R.T. 0.018 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 57 Resp: 680799

Ion	Ratio	Lower	Upper
57	100		
56	33.6	4.2	64.2
41	34.5	6.9	66.9
99	5.7	0.0	24.3

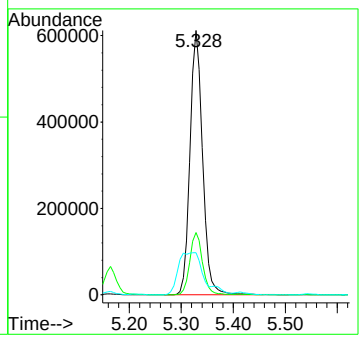


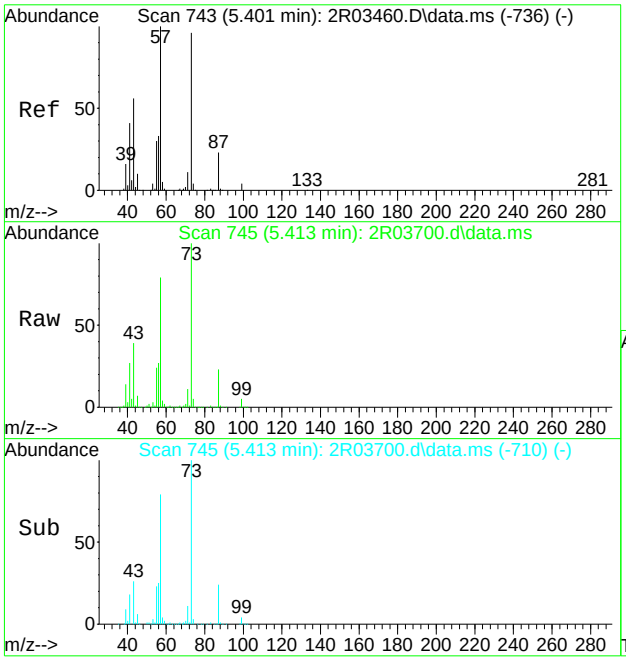


#56
benzene
Concen: 47.3416 ug/L
RT: 5.328 min Scan# 731
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 78 Resp: 1028636

Ion	Ratio	Lower	Upper
78	100		
77	23.6	0.0	53.7
51	15.9	0.0	53.3

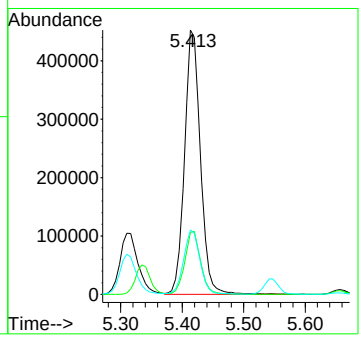


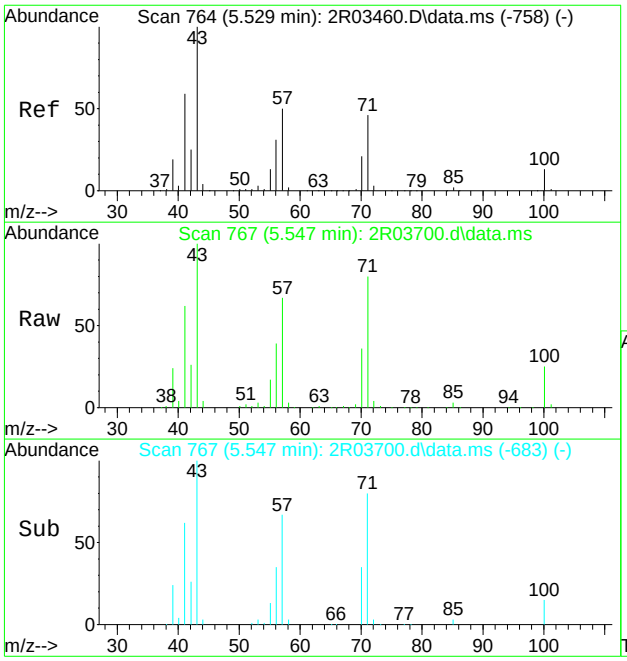


#57
tert-amyl methyl ether
Concen: 49.2943 ug/L
RT: 5.413 min Scan# 745
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 73 Resp: 813334

Ion	Ratio	Lower	Upper
73	100		
87	23.5	0.0	53.3
55	24.1	1.3	61.3

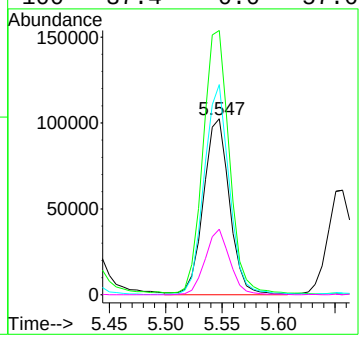


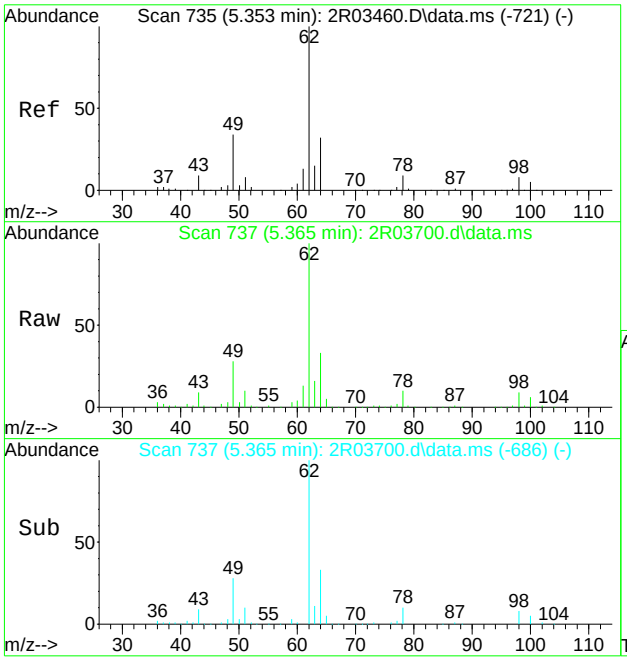


#58
heptane
Concen: 39.7158 ug/L
RT: 5.547 min Scan# 767
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 57 Resp: 165393

Ion	Ratio	Lower	Upper
57	100		
43	150.1	174.2	234.2#
71	119.8	66.6	126.6
100	37.4	0.0	57.6

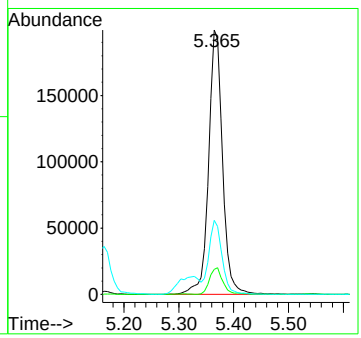


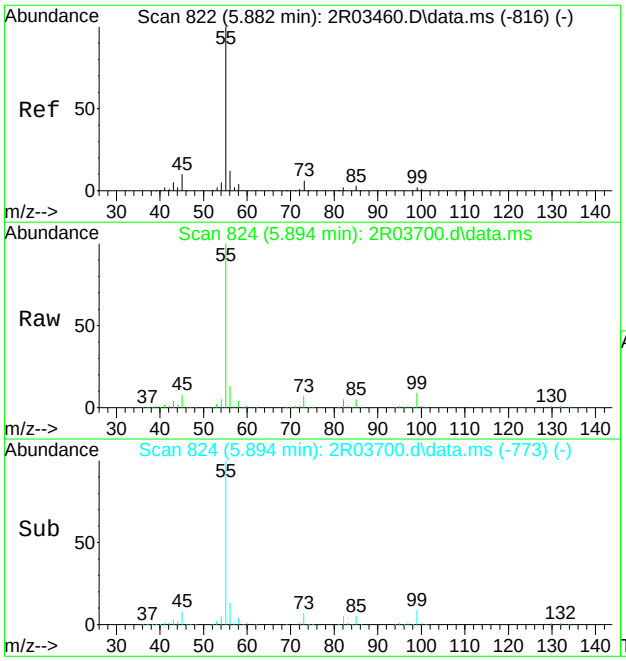


#59
1,2-dichloroethane
Concen: 38.7502 ug/L
RT: 5.365 min Scan# 737
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 62 Resp: 353289

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	38.5
49	28.0	4.3	64.3

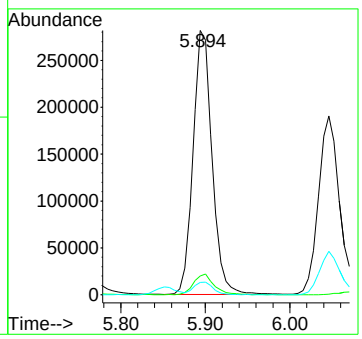


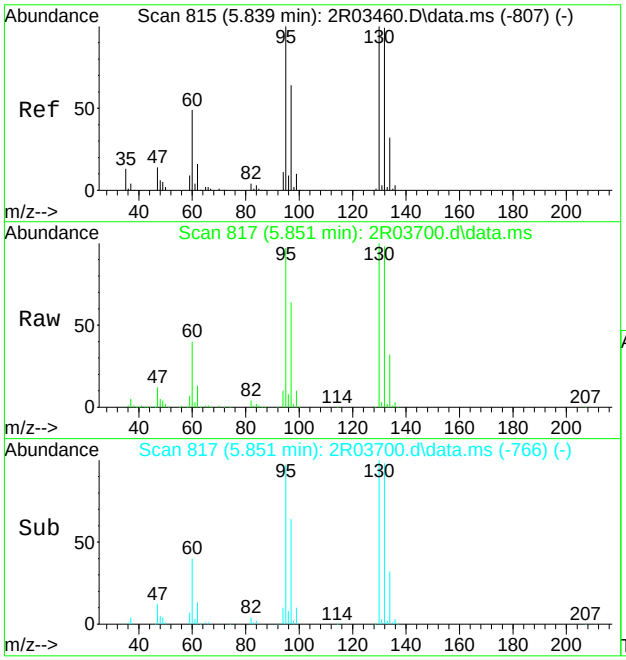


#60
ethyl acrylate
Concen: 39.1120 ug/L
RT: 5.894 min Scan# 824
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 55 Resp: 440232

Ion	Ratio	Lower	Upper
55	100		
73	7.1	0.0	26.2
82	4.7	0.0	23.6

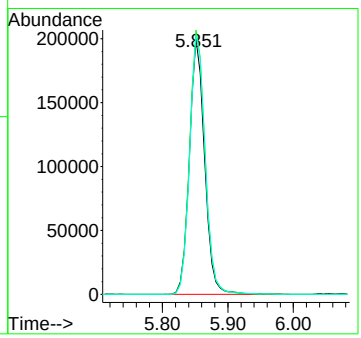


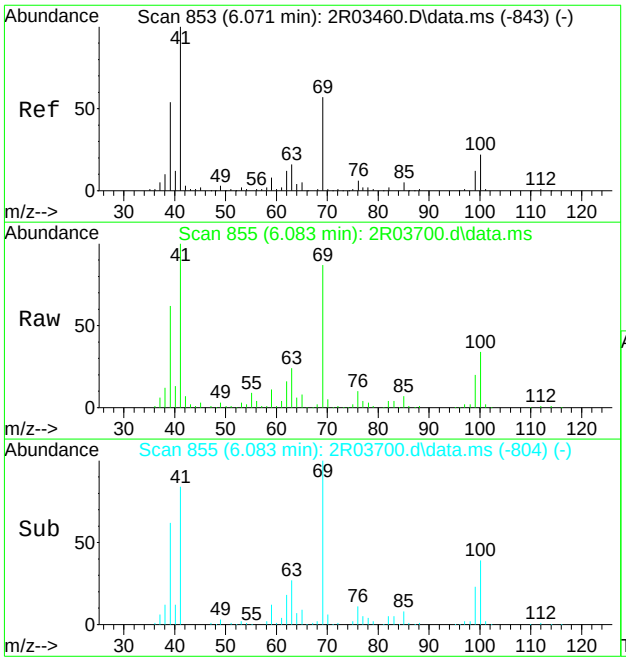


#61
trichloroethene
Concen: 58.3002 ug/L
RT: 5.851 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 95 Resp: 321711

Ion	Ratio	Lower	Upper
95	100		
130	103.5	67.3	127.3
132	101.6	67.9	127.9

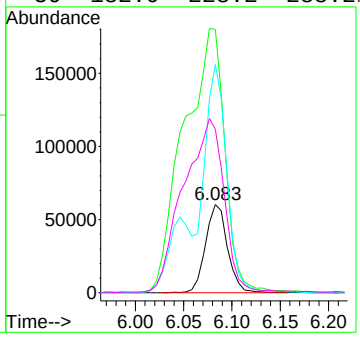


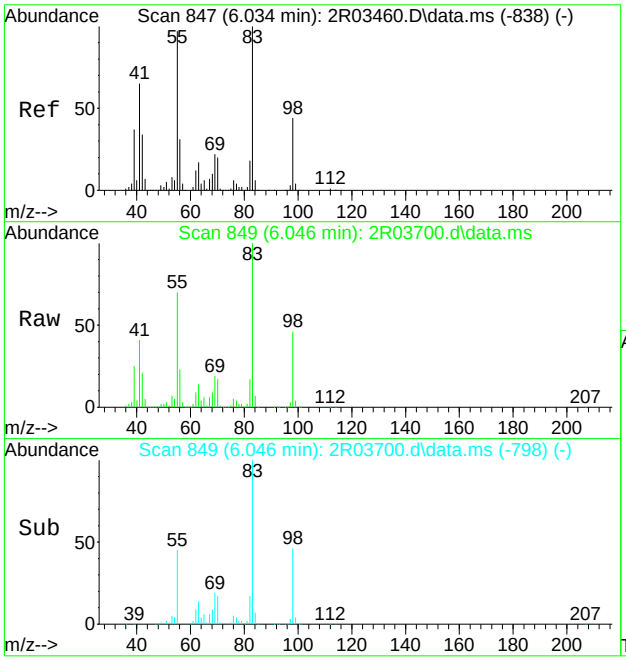


#63
methyl methacrylate
Concen: 53.0341 ug/L
RT: 6.083 min Scan# 855
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:100 Resp: 96159

Ion	Ratio	Lower	Upper
100	100		
41	295.7	448.0	508.0#
69	256.8	236.9	296.9
39	182.9	228.2	288.2#

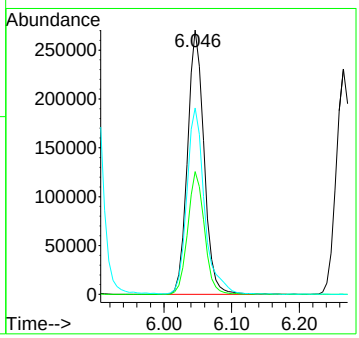


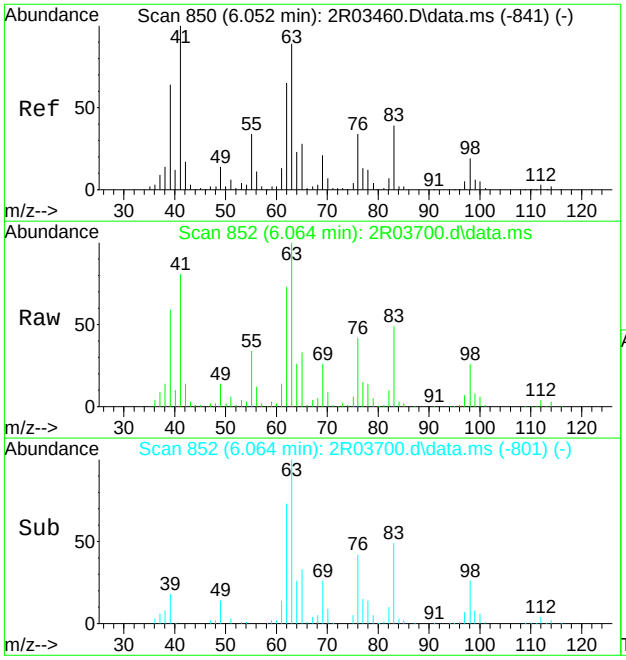


#64
methylcyclohexane
Concen: 49.1954 ug/L
RT: 6.046 min Scan# 849
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 83 Resp: 459305

Ion	Ratio	Lower	Upper
83	100		
98	46.4	24.3	64.3
55	70.4	77.0	117.0#

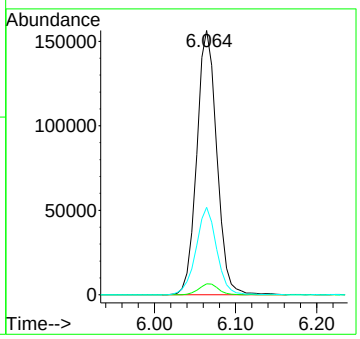


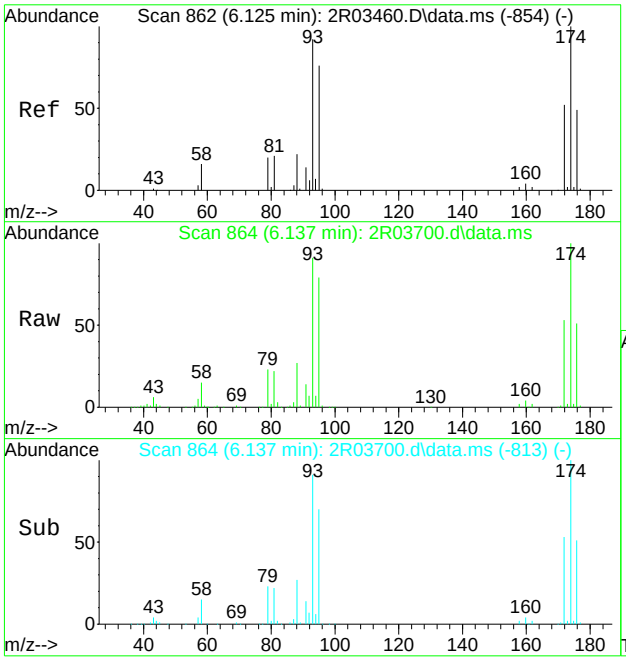


#65
1,2-dichloropropane
Concen: 42.3547 ug/L
RT: 6.064 min Scan# 852
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 63 Resp: 267283

Ion	Ratio	Lower	Upper
63	100		
112	4.1	0.0	33.8
65	33.1	0.8	60.8

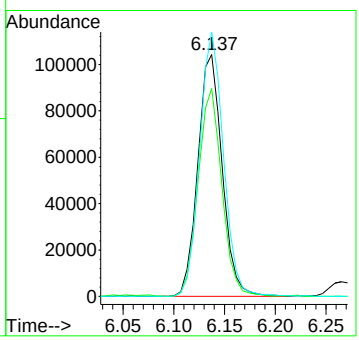


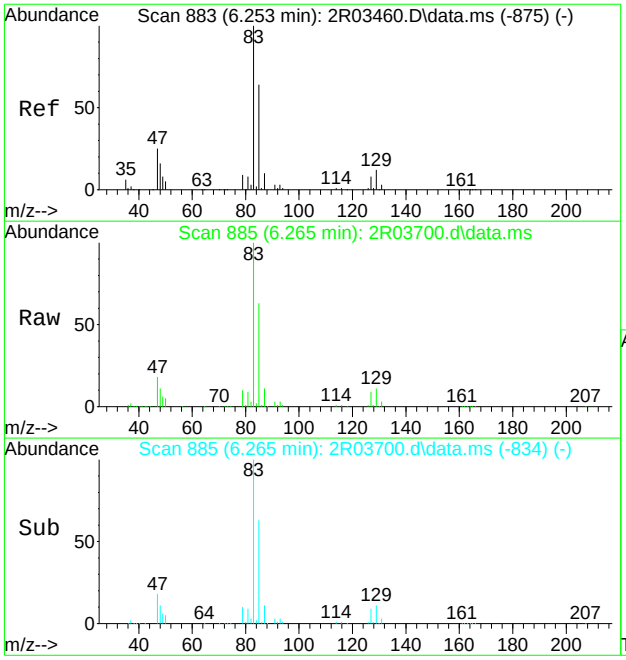


#66
dibromomethane
Concen: 48.7378 ug/L
RT: 6.137 min Scan# 864
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 93 Resp: 174458

Ion	Ratio	Lower	Upper
93	100		
95	85.8	57.3	117.3
174	109.4	79.3	139.3

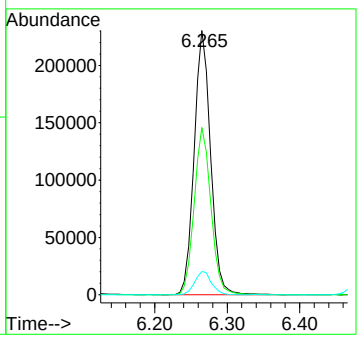


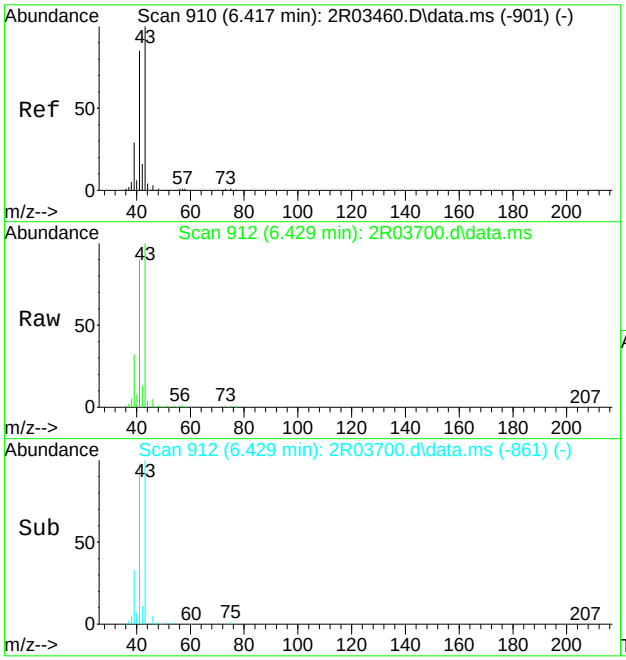


#67
bromodichloromethane
Concen: 48.8835 ug/L
RT: 6.265 min Scan# 885
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 83 Resp: 363070

Ion	Ratio	Lower	Upper
83	100		
85	63.3	32.6	92.6
127	8.8	0.0	38.2

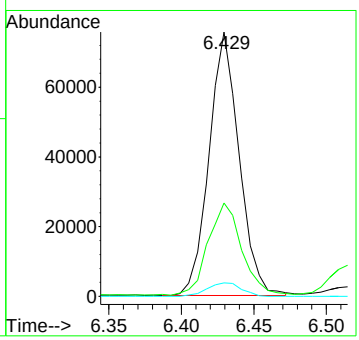


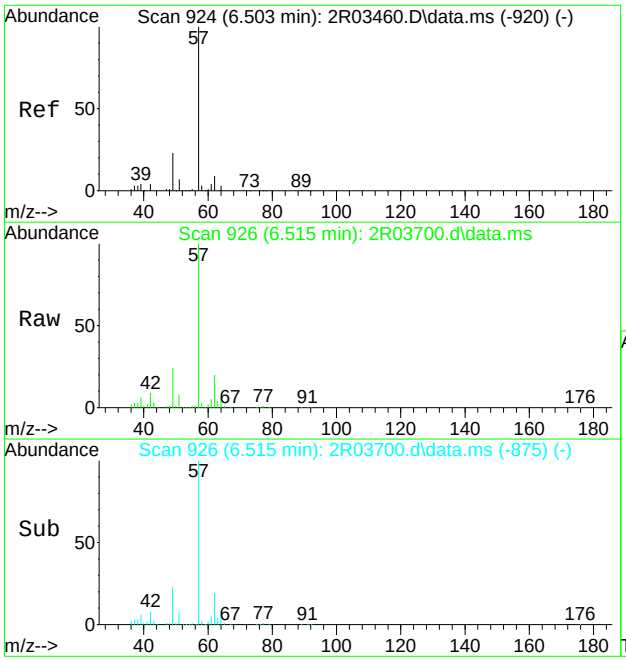


#68
2-nitropropane
Concen: 35.5538 ug/L
RT: 6.429 min Scan# 912
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 41 Resp: 109179

Ion	Ratio	Lower	Upper
41	100		
39	34.7	5.6	65.6
46	5.2	0.0	34.1

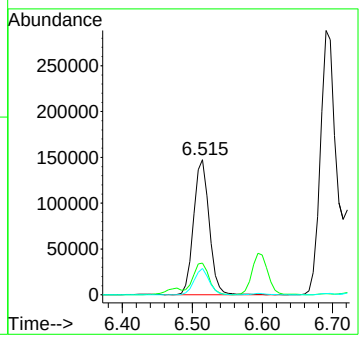


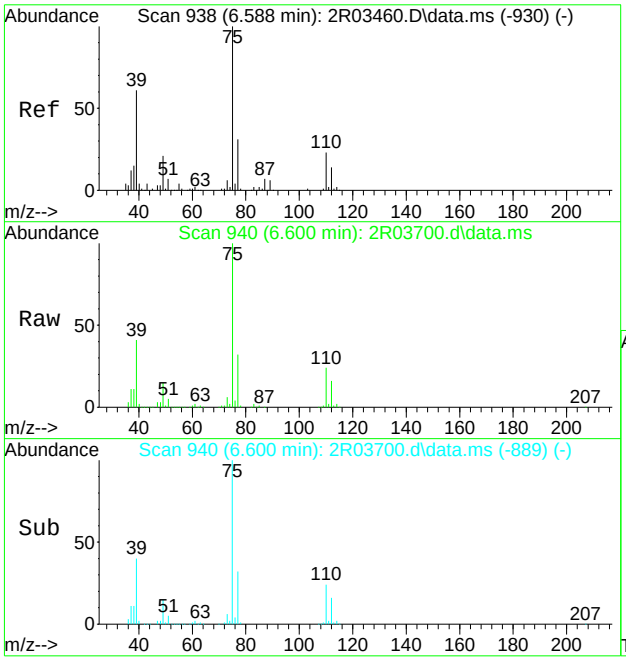


#69
epichlorohydrin
Concen: 173.0685 ug/L
RT: 6.515 min Scan# 926
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 57 Resp: 228988

Ion	Ratio	Lower	Upper
57	100		
49	23.1	0.0	57.1
62	19.6	0.0	47.4

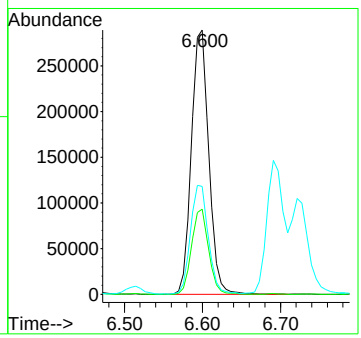


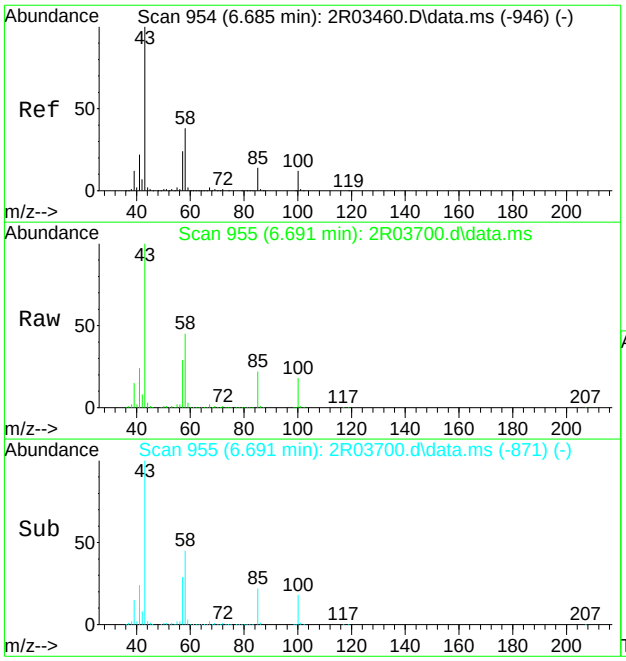


#70
cis-1,3-dichloropropene
Concen: 47.2590 ug/L
RT: 6.600 min Scan# 940
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 75 Resp: 447514

Ion	Ratio	Lower	Upper
75	100		
77	32.2	1.5	61.5
39	40.5	30.9	90.9

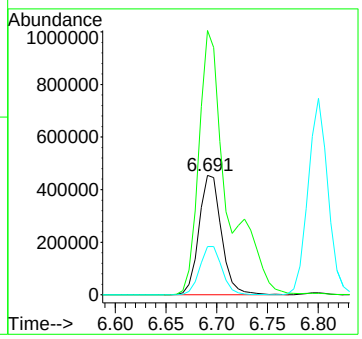


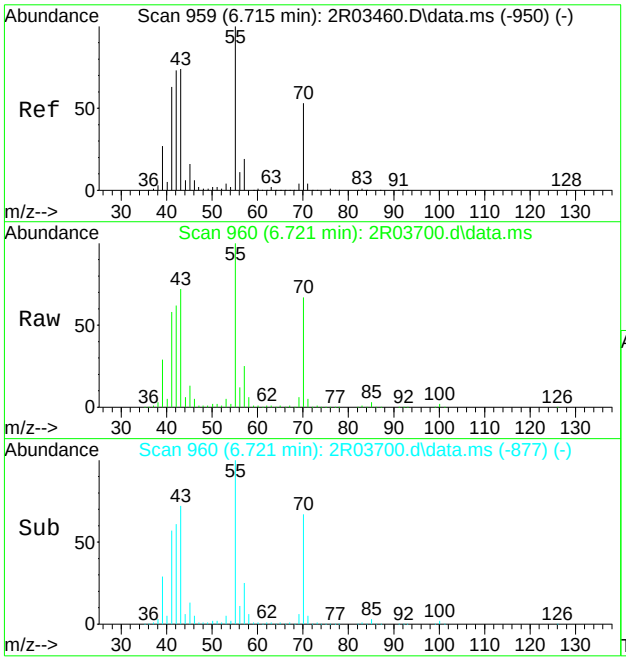


#71
4-methyl-2-pentanone
Concen: 176.1170 ug/L
RT: 6.691 min Scan# 955
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 58 Resp: 702502

Ion	Ratio	Lower	Upper
58	100		
43	221.3	245.1	305.1#
100	40.4	0.0	59.1

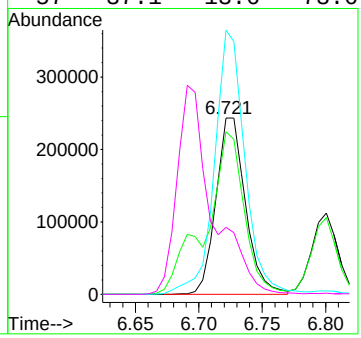


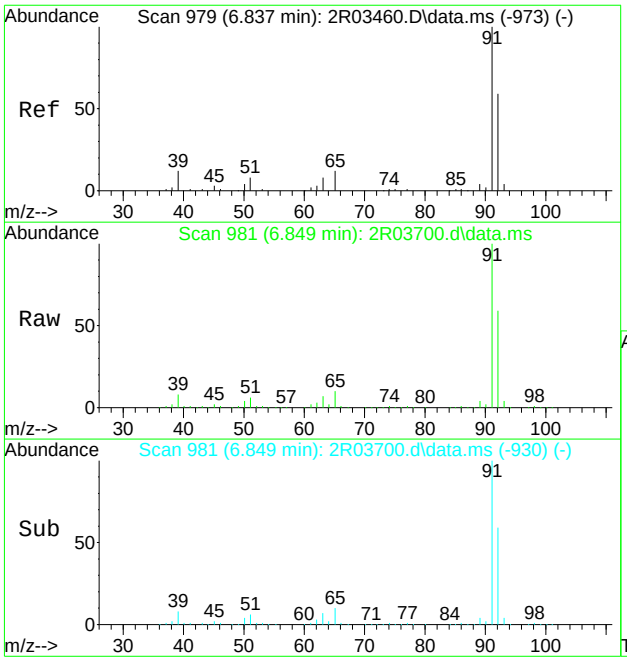


#72
isoamyl alcohol
Concen: 1153.5115 ug/L
RT: 6.721 min Scan# 960
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 70 Resp: 393657

Ion	Ratio	Lower	Upper
70	100		
42	90.3	115.3	175.3#
55	149.3	163.0	223.0#
57	37.1	13.6	73.6

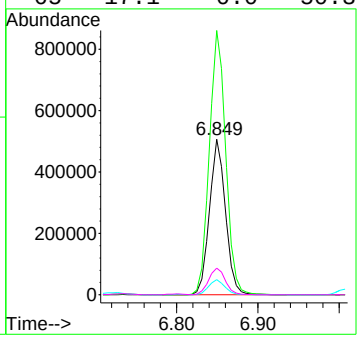


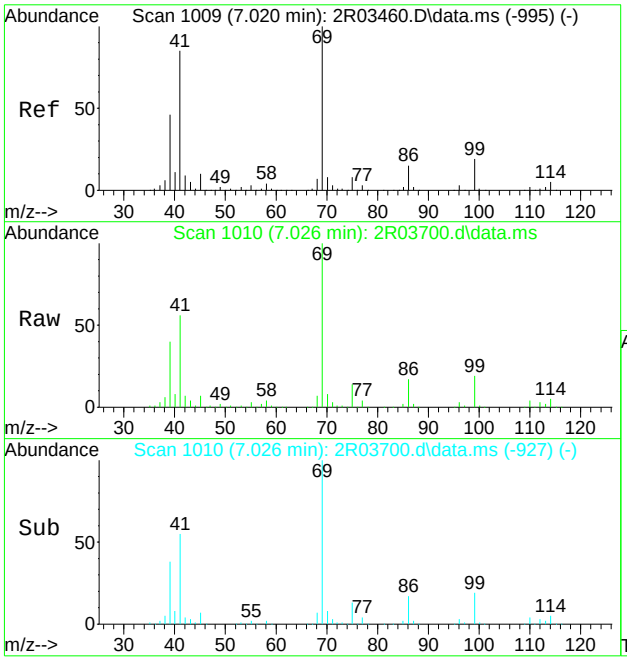


#75
toluene
Concen: 48.8236 ug/L
RT: 6.849 min Scan# 981
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 92 Resp: 695453

Ion	Ratio	Lower	Upper
92	100		
91	169.9	150.8	190.8
51	9.8	0.0	44.0
65	17.1	0.0	50.3

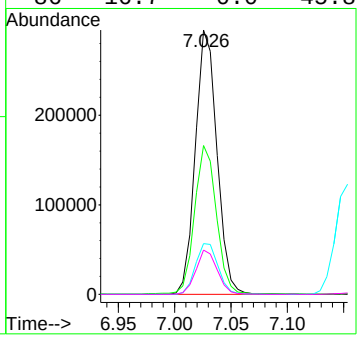


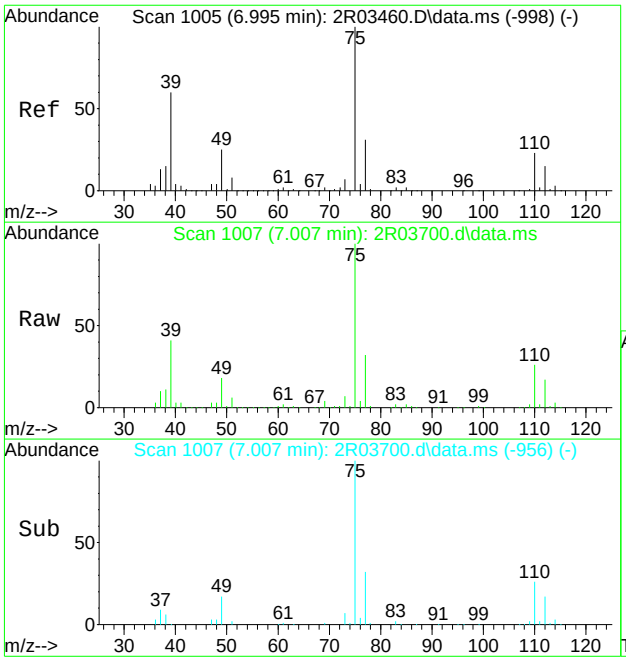


#76
ethyl methacrylate
Concen: 49.0410 ug/L
RT: 7.026 min Scan# 1010
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 69 Resp: 393359

Ion	Ratio	Lower	Upper
69	100		
41	56.1	64.9	104.9#
99	19.2	0.0	38.7
86	16.7	0.0	45.8

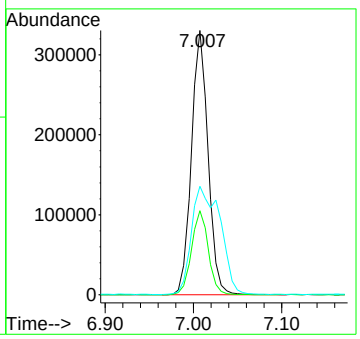


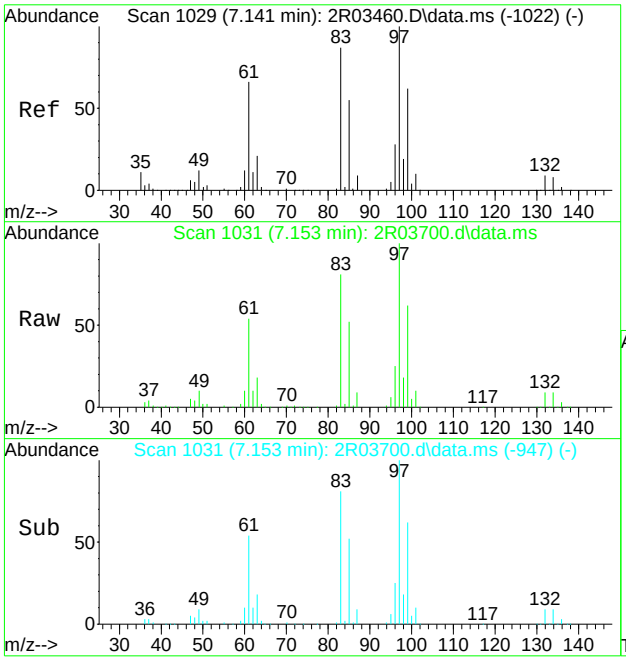


#77
trans-1,3-dichloropropene
Concen: 47.7720 ug/L
RT: 7.007 min Scan# 1007
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 75 Resp: 433932

Ion	Ratio	Lower	Upper
75	100		
77	31.9	10.9	50.9
39	40.9	30.9	90.9

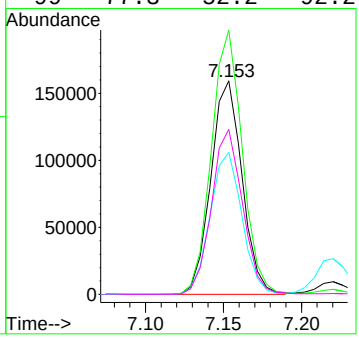


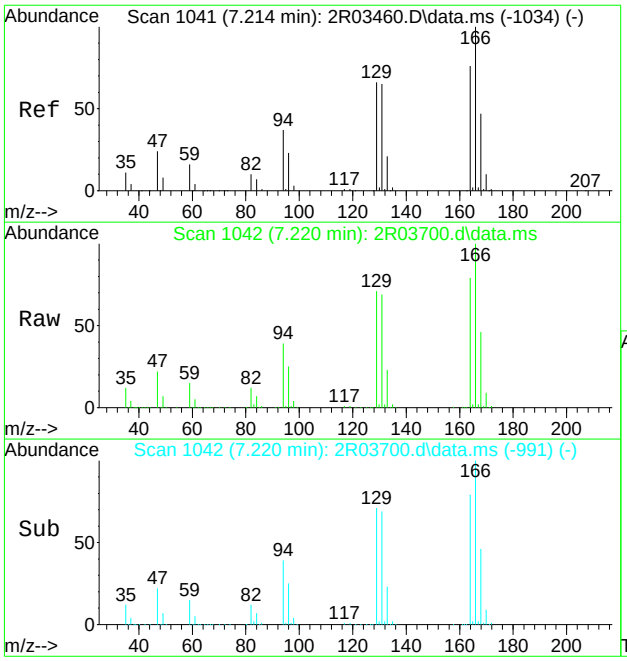


#78
1,1,2-trichloroethane
Concen: 47.0277 ug/L
RT: 7.153 min Scan# 1031
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 83 Resp: 221126

Ion	Ratio	Lower	Upper
83	100		
97	123.8	95.6	135.6
61	66.4	56.1	96.1
99	77.3	52.2	92.2

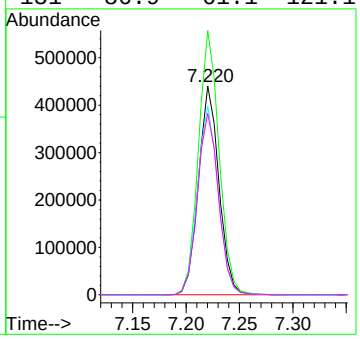


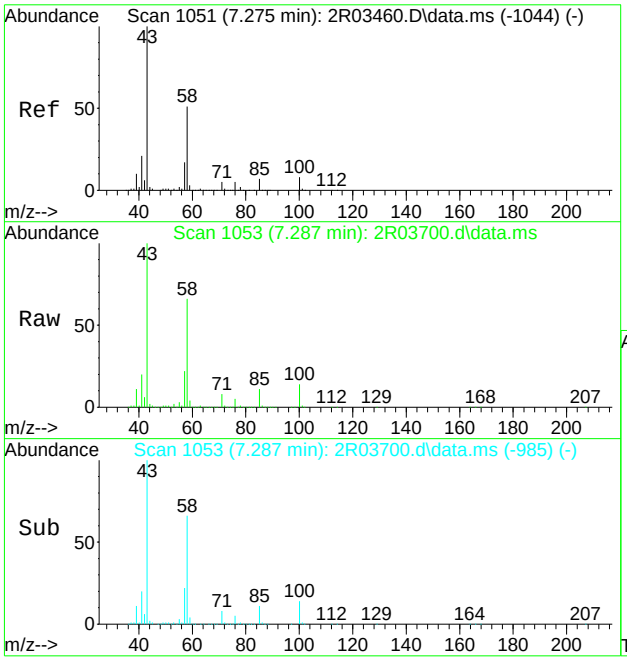


#79
tetrachloroethene
Concen: 120.8623 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:164 Resp: 590130

Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.2	162.2
129	90.3	63.0	123.0
131	86.9	61.1	121.1

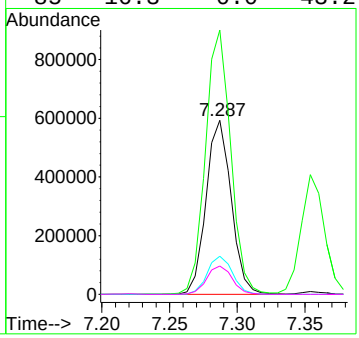


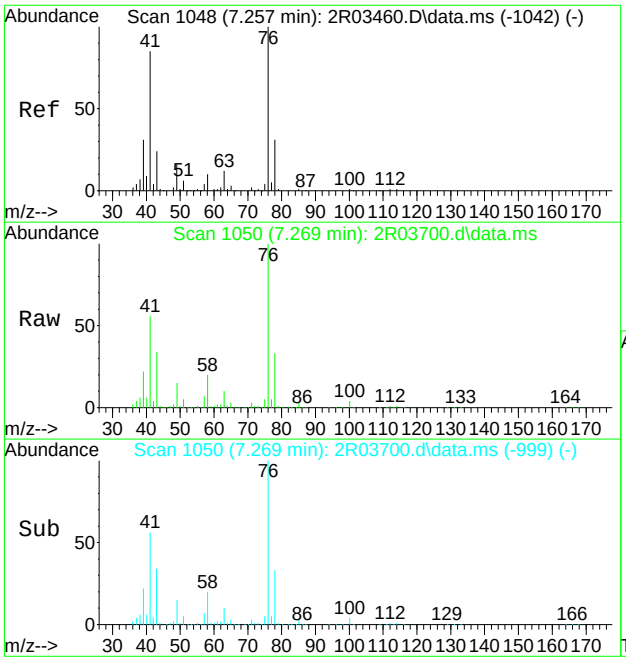


#80
2-hexanone
Concen: 170.2320 ug/L
RT: 7.287 min Scan# 1053
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 58 Resp: 766781

Ion	Ratio	Lower	Upper
58	100		
43	151.9	172.9	212.9#
100	21.9	0.0	36.1
85	16.3	0.0	43.2

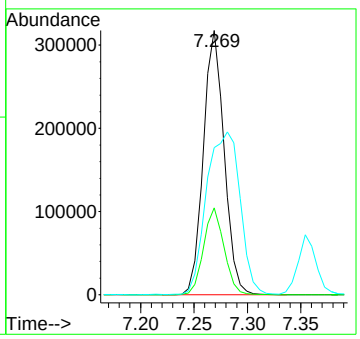


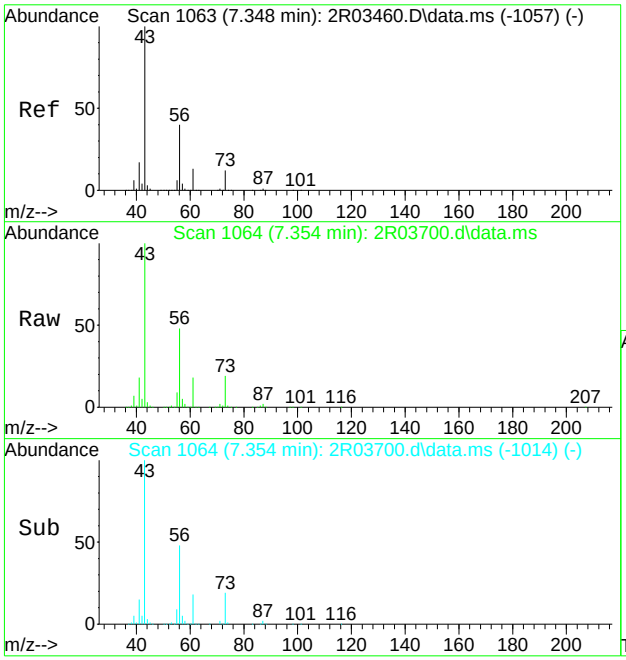


#81
1,3-dichloropropane
Concen: 46.8543 ug/L
RT: 7.269 min Scan# 1050
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 76 Resp: 430845

Ion	Ratio	Lower	Upper
76	100		
78	32.8	1.3	61.3
41	55.5	57.1	117.1#

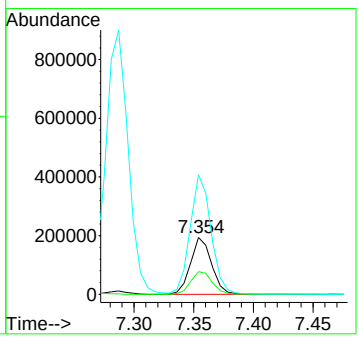


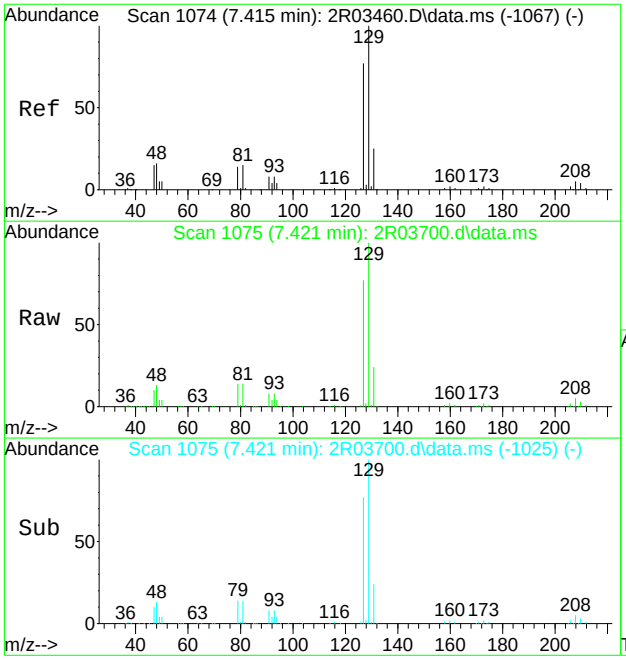


#82
butyl acetate
Concen: 37.9408 ug/L
RT: 7.354 min Scan# 1064
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 56 Resp: 238240

Ion	Ratio	Lower	Upper
56	100		
73	39.9	2.0	62.0
43	209.2	222.2	282.2#

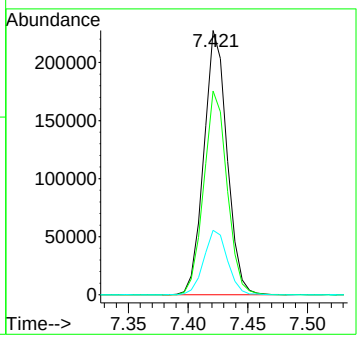


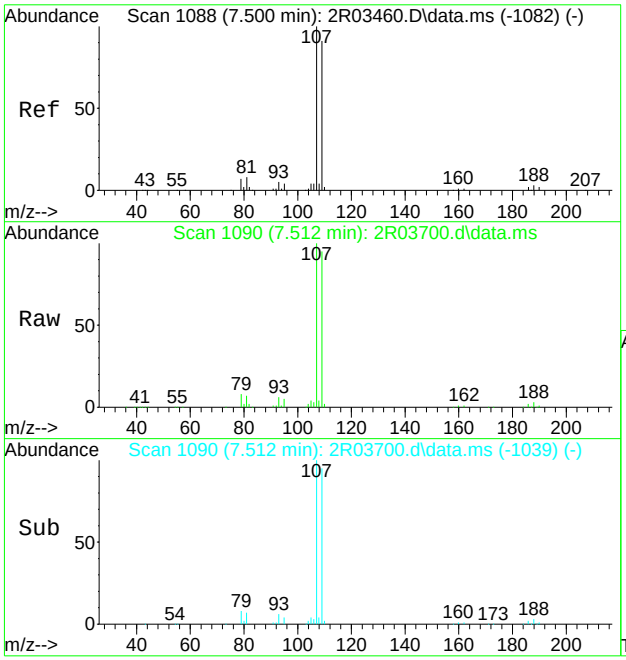


#83
dibromochloromethane
Concen: 52.6691 ug/L
RT: 7.421 min Scan# 1075
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:129 Resp: 306108

Ion	Ratio	Lower	Upper
129	100		
127	77.1	46.9	106.9
131	24.4	0.0	55.7

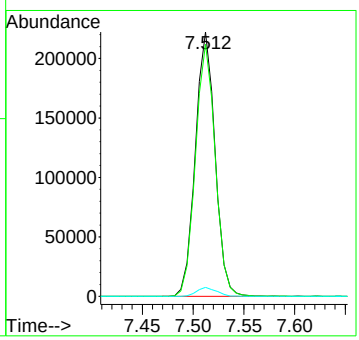




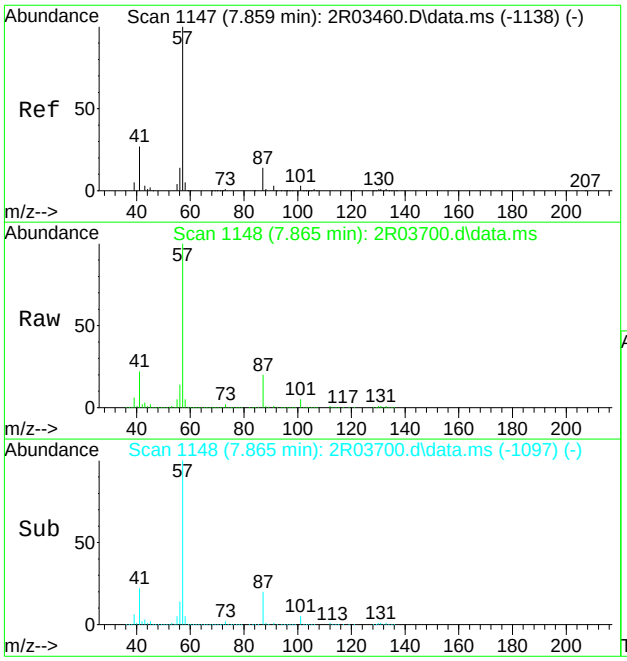
#84
1,2-dibromoethane
Concen: 52.6014 ug/L
RT: 7.512 min Scan# 1090
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:107 Resp: 300401

Ion	Ratio	Lower	Upper
107	100		
109	95.4	66.2	126.2
188	3.4	0.0	33.2



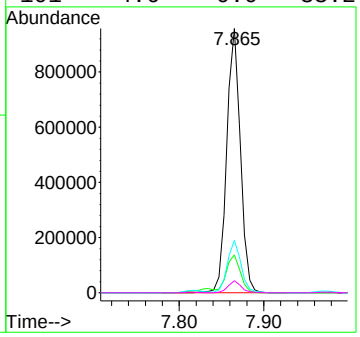
7.4.5

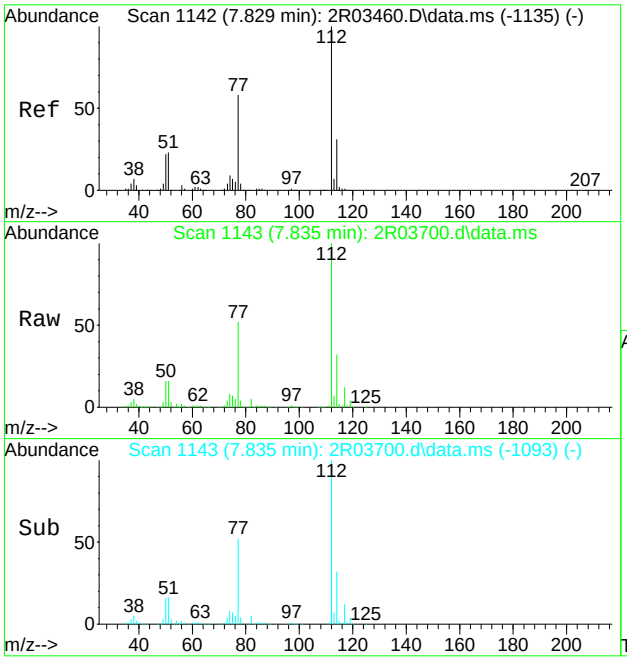


#85
n-butyl ether
Concen: 38.2989 ug/L
RT: 7.865 min Scan# 1148
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 57 Resp: 1074119

Ion	Ratio	Lower	Upper
57	100		
56	14.3	0.0	35.1
87	19.9	0.0	44.2
101	4.6	0.0	33.2

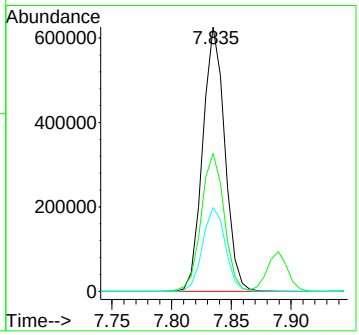


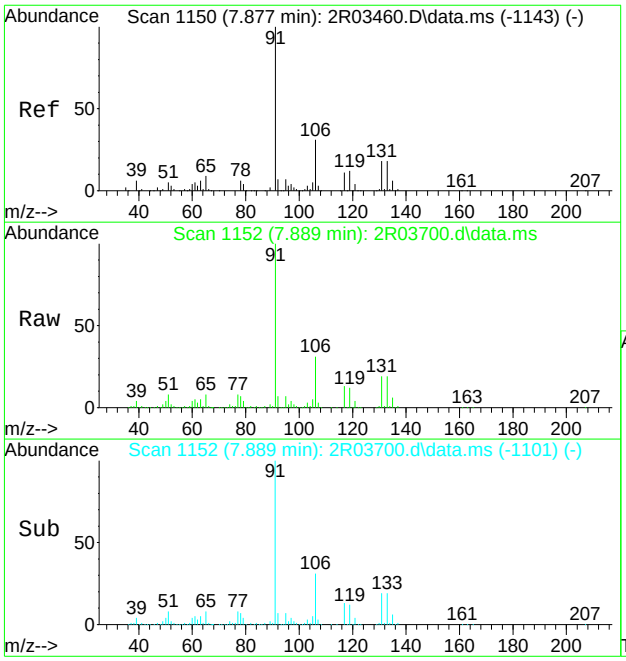


#86
chlorobenzene
Concen: 50.8037 ug/L
RT: 7.835 min Scan# 1143
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:112 Resp: 802583

Ion	Ratio	Lower	Upper
112	100		
77	52.1	28.0	88.0
114	31.7	2.3	62.3

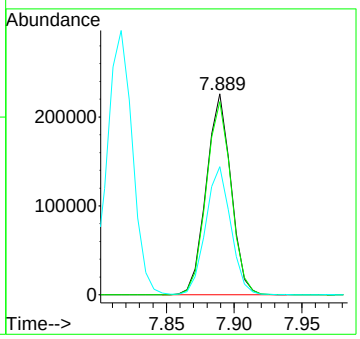


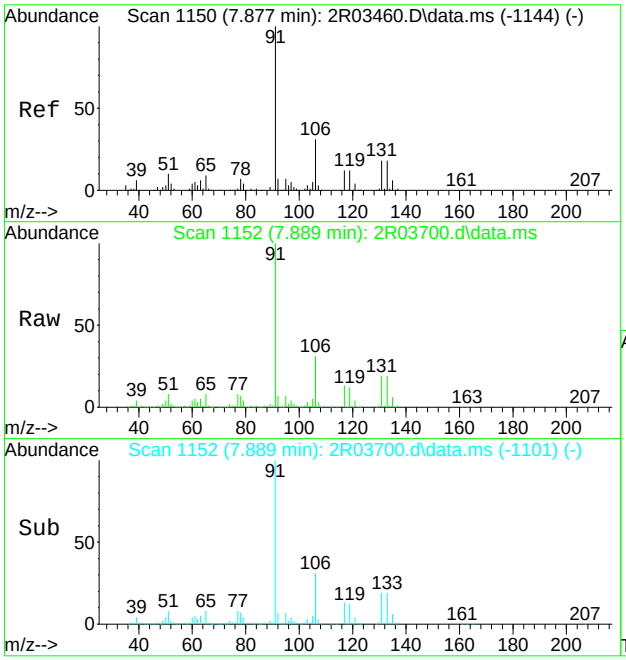


#87
1,1,1,2-tetrachloroethane
Concen: 53.2887 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:131 Resp: 287497

Ion	Ratio	Lower	Upper
131	100		
133	96.1	66.2	126.2
119	63.6	34.9	94.9

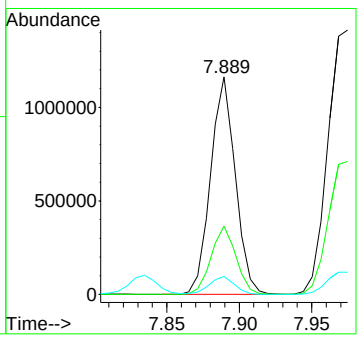


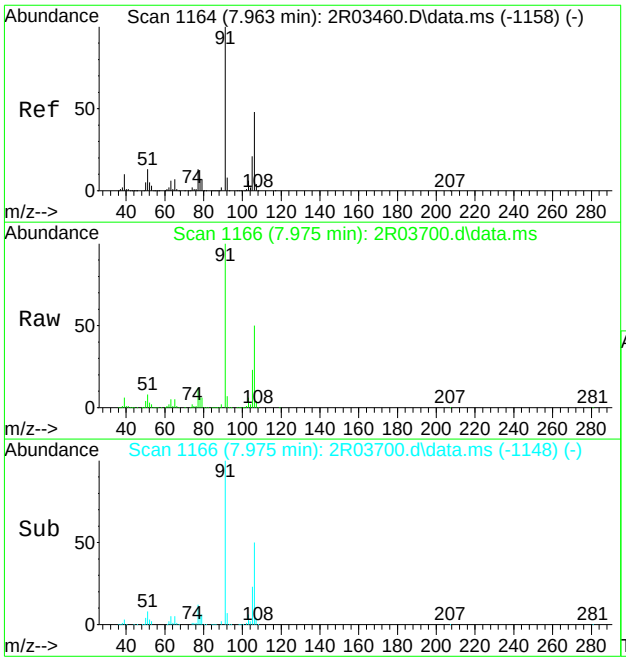


#88
ethylbenzene
Concen: 50.7804 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 91 Resp: 1384869

Ion	Ratio	Lower	Upper
91	100		
106	31.3	0.3	60.3
51	8.3	0.0	42.7

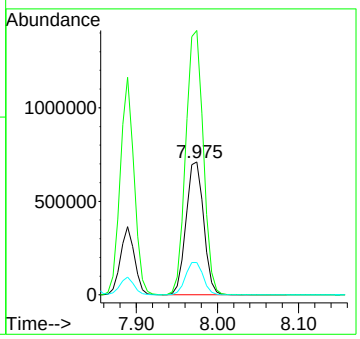


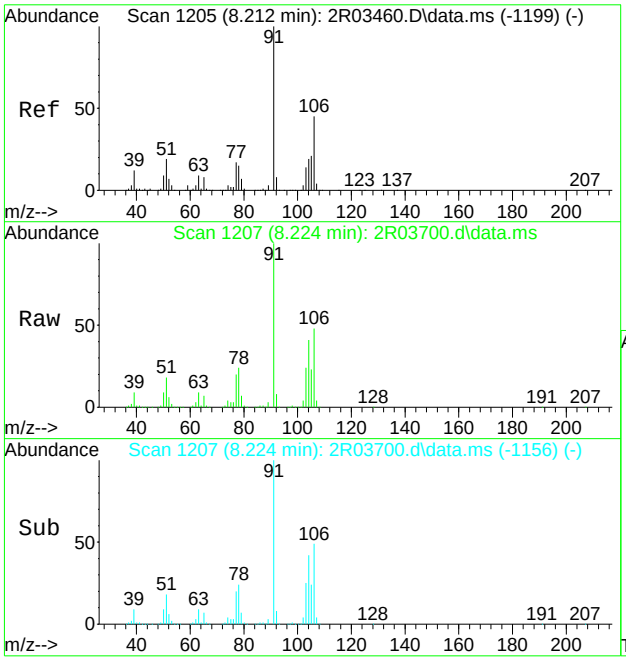


#89
m,p-xylene
Concen: 104.2755 ug/L
RT: 7.975 min Scan# 1166
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:106 Resp: 1069395

Ion	Ratio	Lower	Upper
106	100		
91	199.0	181.2	241.2
77	24.3	0.0	57.8

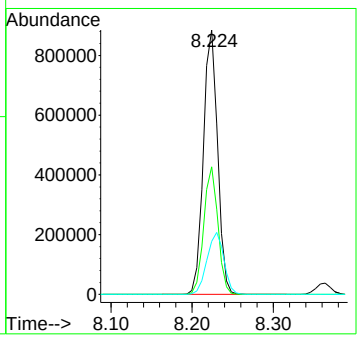


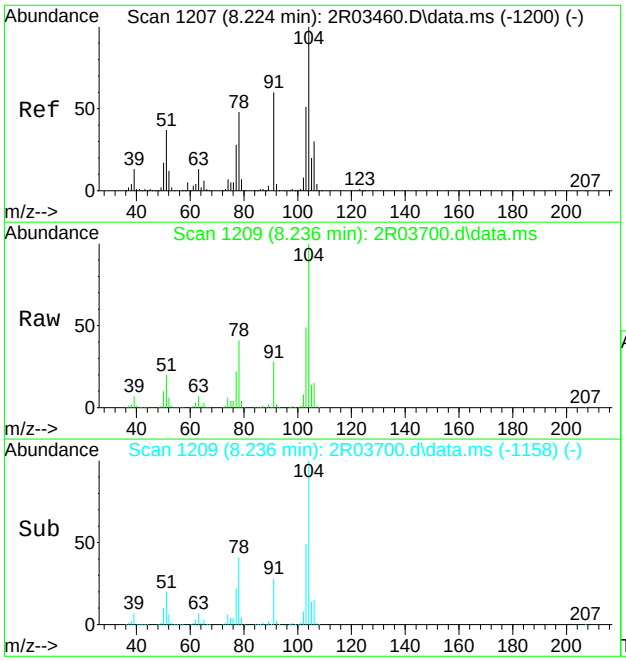


#90
o-xylene
Concen: 50.0195 ug/L
RT: 8.224 min Scan# 1207
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 91 Resp: 1073488

Ion	Ratio	Lower	Upper
91	100		
106	48.2	16.3	76.3
77	20.1	0.0	47.2

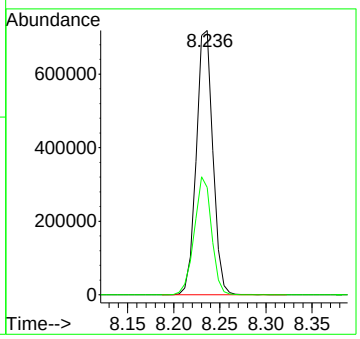


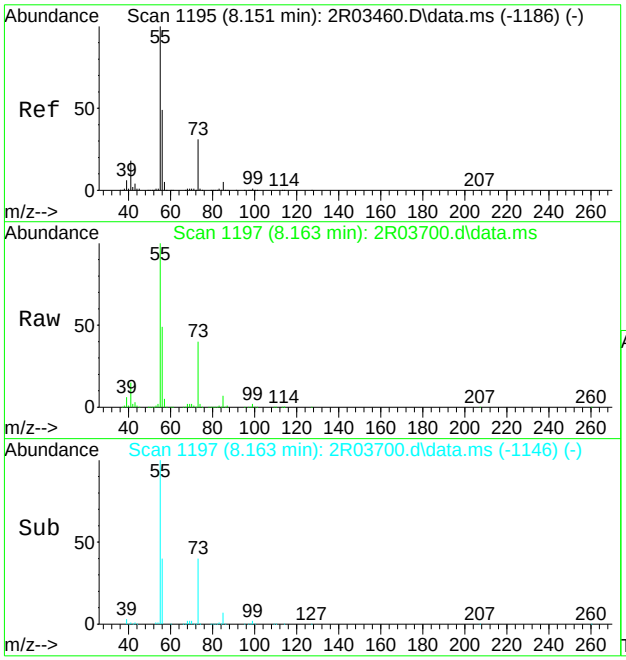


#91
styrene
Concen: 54.5453 ug/L
RT: 8.236 min Scan# 1209
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:104 Resp: 899497

Ion	Ratio	Lower	Upper
104	100		
78	40.6	16.0	76.0

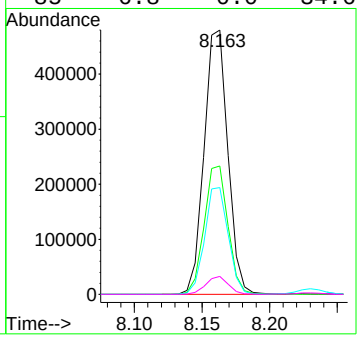


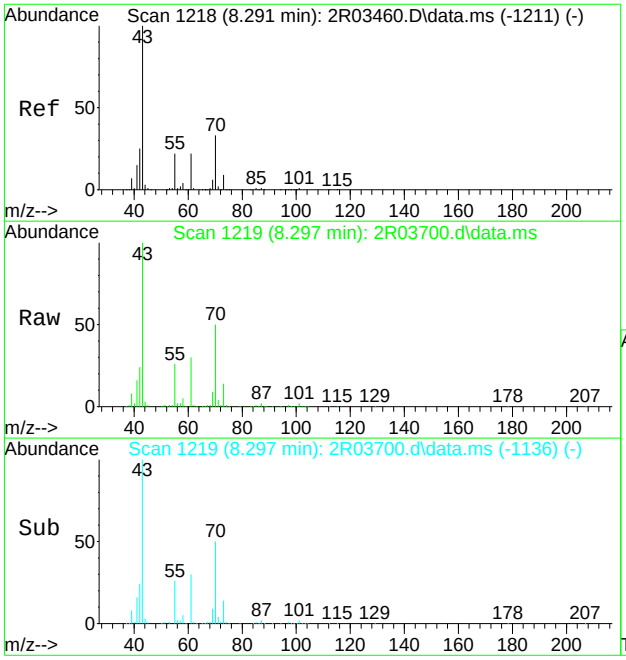


#92
butyl acrylate
Concen: 39.7184 ug/L
RT: 8.163 min Scan# 1197
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 55 Resp: 586907

Ion	Ratio	Lower	Upper
55	100		
56	48.6	29.2	69.2
73	40.4	11.6	51.6
85	6.8	0.0	34.6

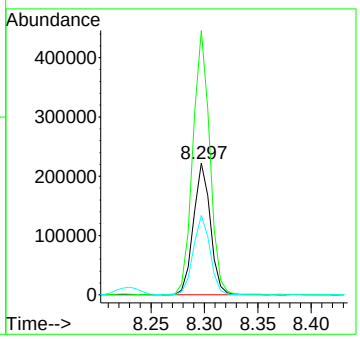


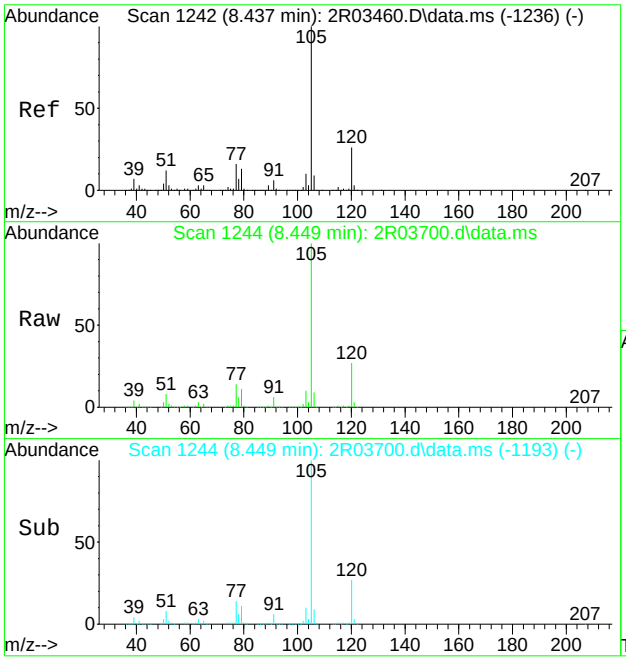


#93
n-amyl acetate
Concen: 47.8373 ug/L
RT: 8.297 min Scan# 1219
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 70 Resp: 244980

Ion	Ratio	Lower	Upper
70	100		
43	200.7	277.6	337.6#
61	60.3	38.3	98.3

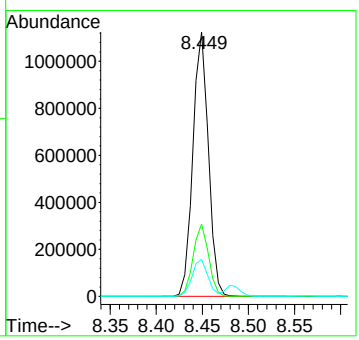


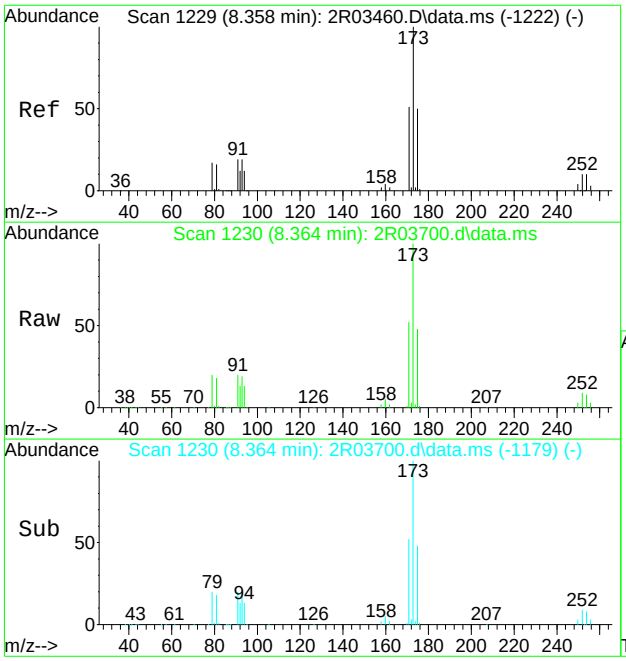


#94
isopropylbenzene
Concen: 51.6182 ug/L
RT: 8.449 min Scan# 1244
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:105 Resp: 1315283

Ion	Ratio	Lower	Upper
105	100		
120	27.4	5.6	45.6
77	14.0	0.0	35.3

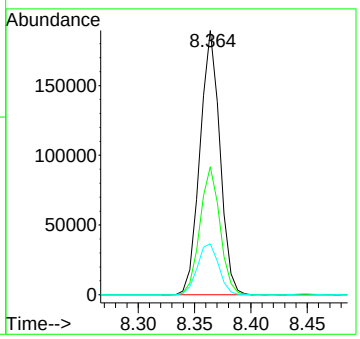


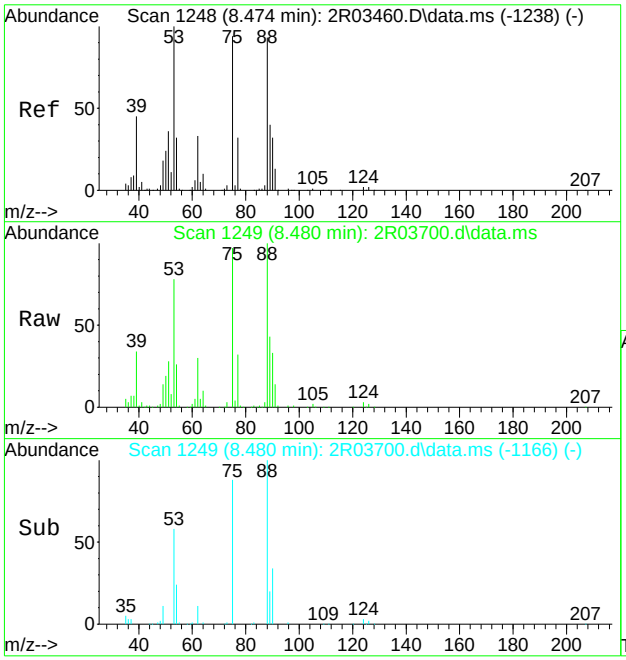


#95
bromoform
Concen: 54.6148 ug/L
RT: 8.364 min Scan# 1230
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:173 Resp: 232798

Ion	Ratio	Lower	Upper
173	100		
175	48.5	18.1	78.1
93	19.3	0.0	52.4

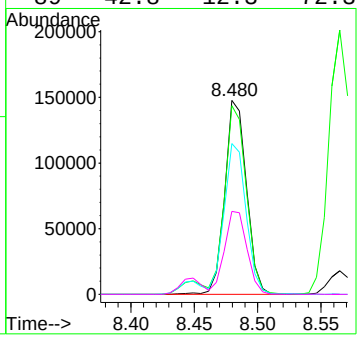


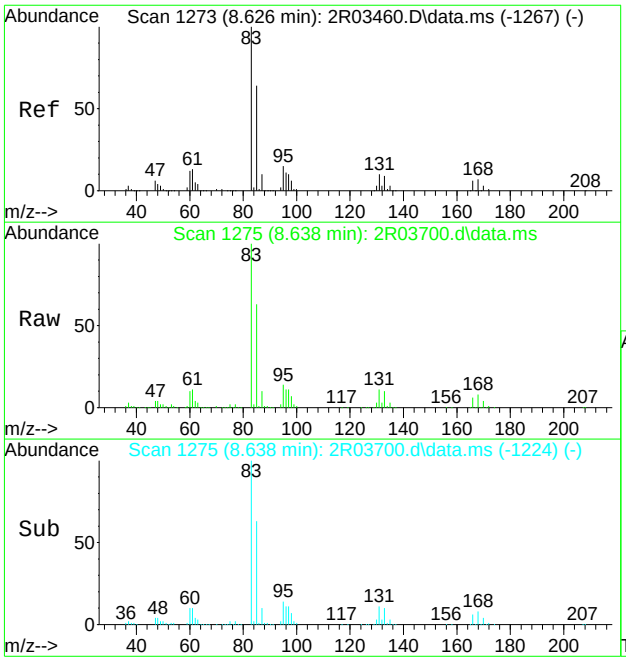


#96
cis-1,4-dichloro-2-butene
Concen: 48.9463 ug/L
RT: 8.480 min Scan# 1249
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 88 Resp: 176383

Ion	Ratio	Lower	Upper
88	100		
75	97.2	78.1	118.1
53	77.6	90.3	130.3#
89	42.8	12.3	72.3

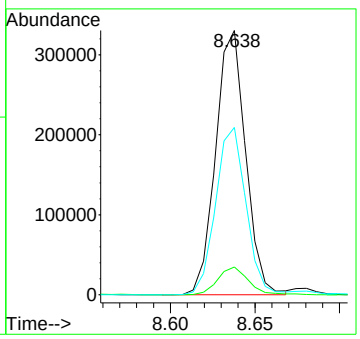


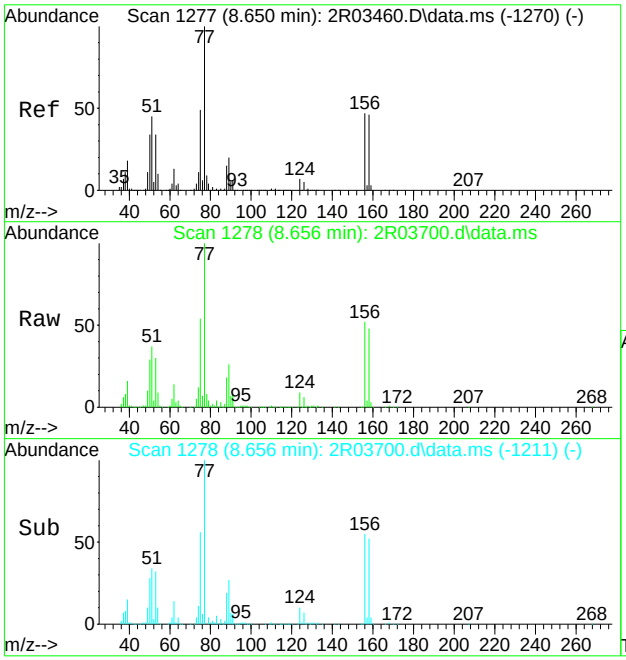


#99
1,1,2,2-tetrachloroethane
Concen: 50.7624 ug/L
RT: 8.638 min Scan# 1275
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 83 Resp: 407815

Ion	Ratio	Lower	Upper
83	100		
131	10.5	0.0	39.2
85	63.3	32.4	92.4

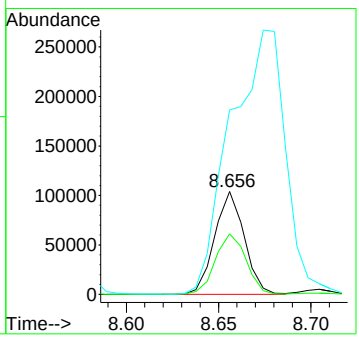


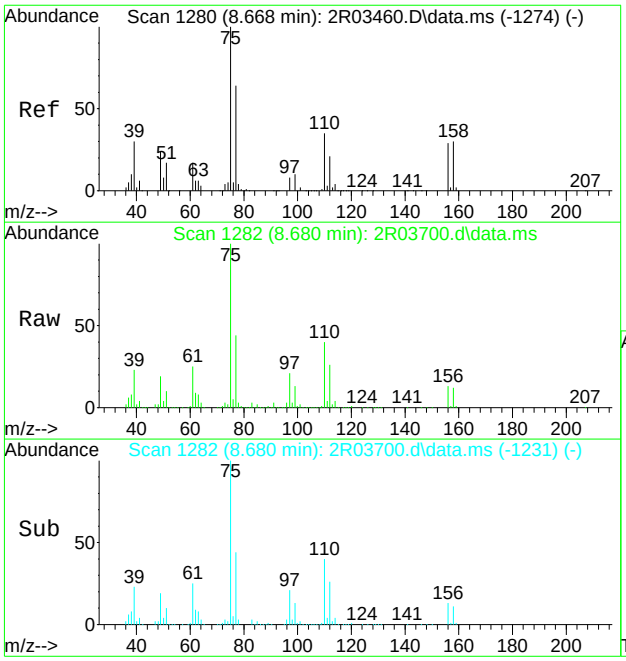


#100
trans-1,4-dichloro-2-butene
Concen: 34.7473 ug/L
RT: 8.656 min Scan# 1278
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 53 Resp: 116620

Ion	Ratio	Lower	Upper
53	100		
88	58.8	13.5	73.5
75	178.9	120.7	180.7

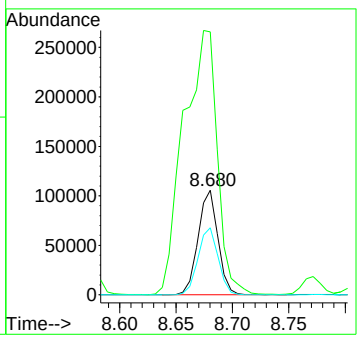


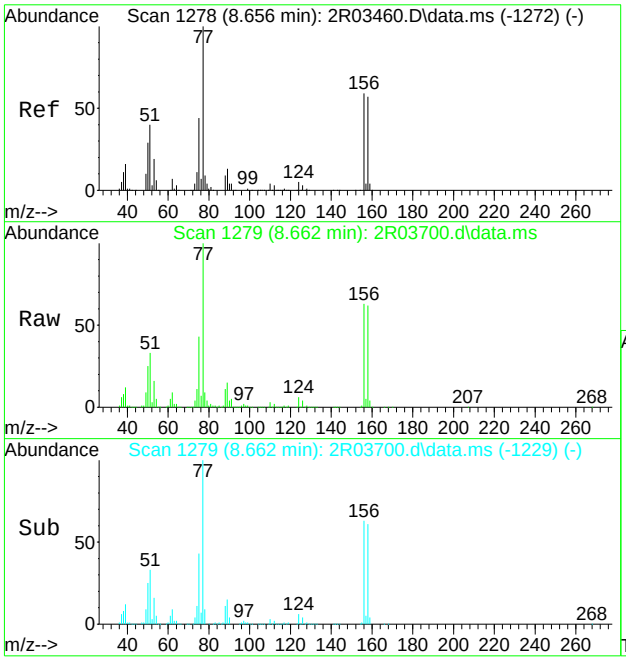


#101
1,2,3-trichloropropane
Concen: 51.5791 ug/L
RT: 8.680 min Scan# 1282
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:110 Resp: 128633

Ion	Ratio	Lower	Upper
110	100		
75	251.0	265.5	325.5#
112	64.2	35.9	95.9

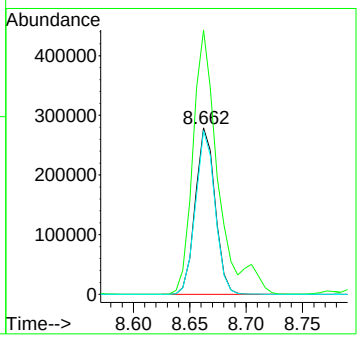


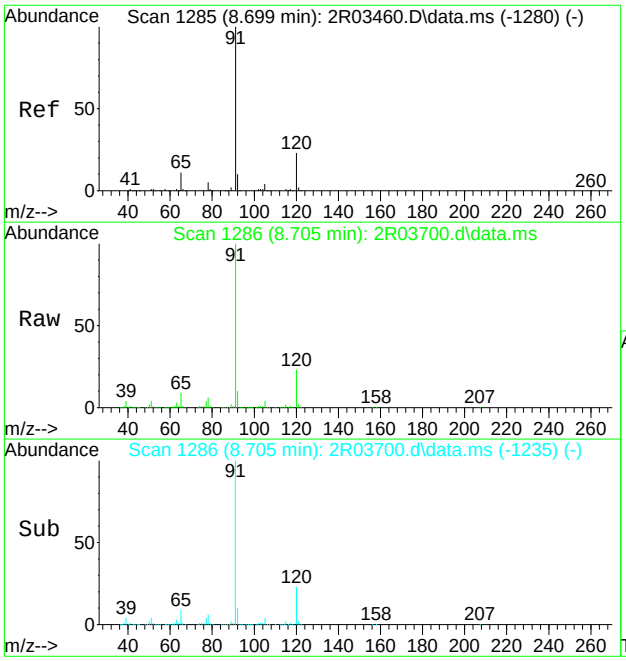


#102
bromobenzene
Concen: 52.4915 ug/L
RT: 8.662 min Scan# 1279
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:156 Resp: 340072

Ion	Ratio	Lower	Upper
156	100		
77	158.9	141.2	201.2
158	98.3	68.7	128.7

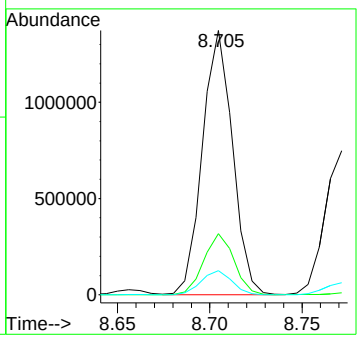


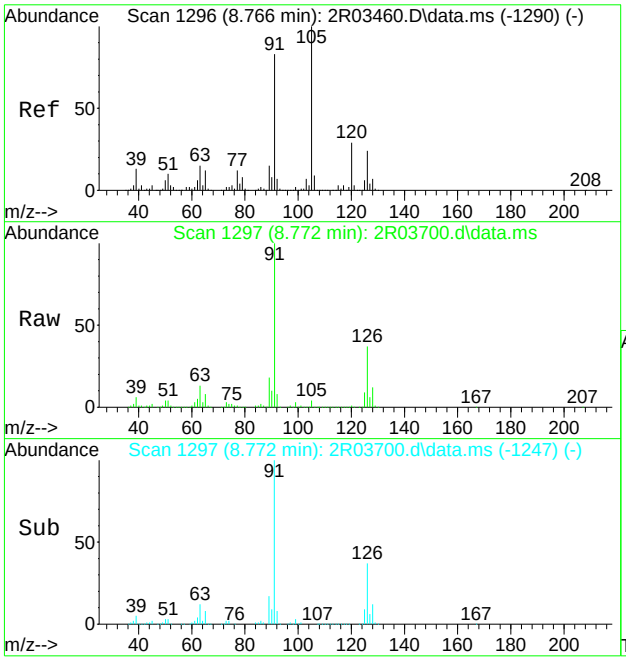


#103
n-propylbenzene
Concen: 50.5447 ug/L
RT: 8.705 min Scan# 1286
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 91 Resp: 1562133

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	51.3
65	9.1	0.0	40.9

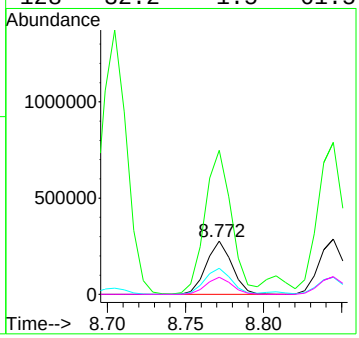


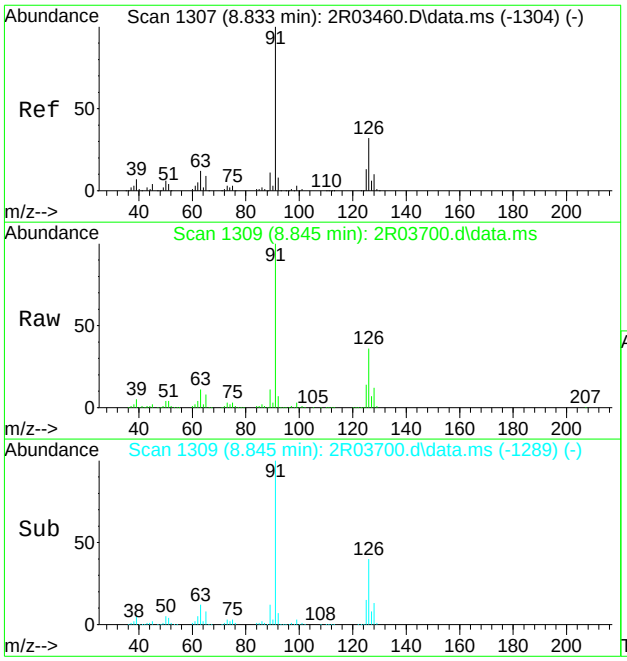


#104
2-chlorotoluene
Concen: 53.9776 ug/L
RT: 8.772 min Scan# 1297
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:126 Resp: 316273

Ion	Ratio	Lower	Upper
126	100		
91	268.8	262.0	322.0
89	49.0	23.0	83.0
128	32.2	1.5	61.5

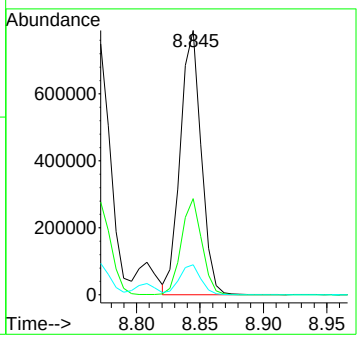


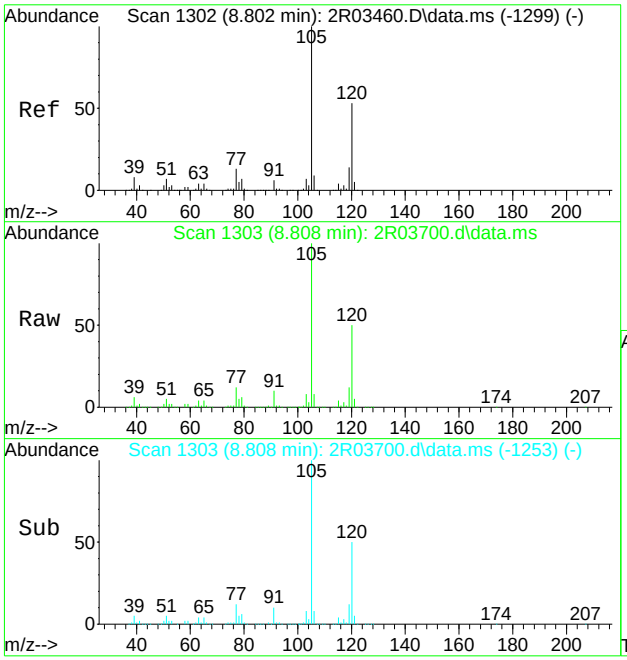


#105
4-chlorotoluene
Concen: 49.7743 ug/L
RT: 8.845 min Scan# 1309
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 91 Resp: 907882

Ion	Ratio	Lower	Upper
91	100		
126	36.4	1.2	61.2
63	11.3	0.0	43.1

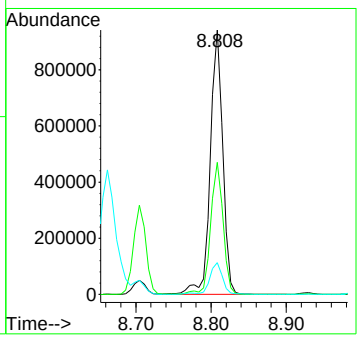


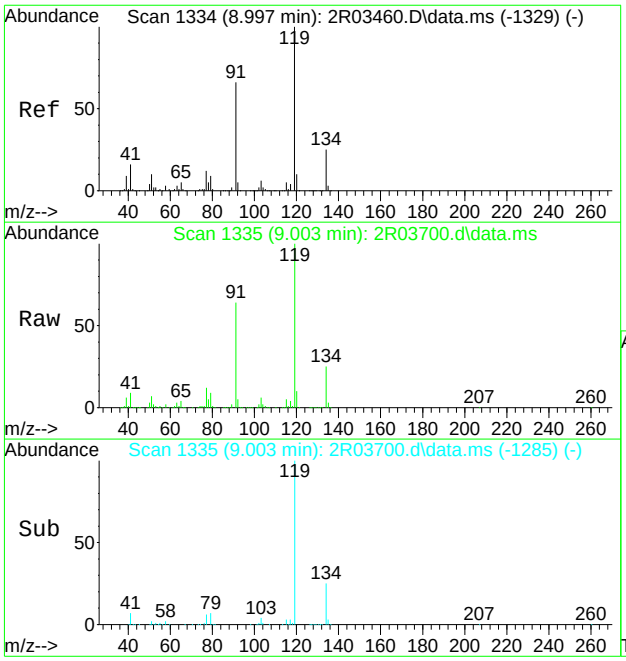


#106
1,3,5-trimethylbenzene
Concen: 52.6434 ug/L
RT: 8.808 min Scan# 1303
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:105 Resp: 1089388

Ion	Ratio	Lower	Upper
105	100		
120	50.0	18.9	78.9
77	12.0	0.0	42.1

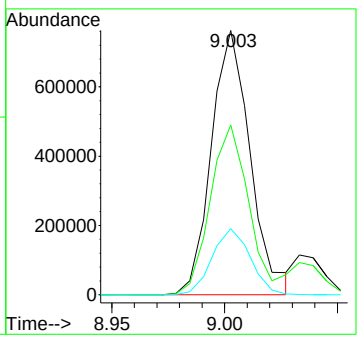


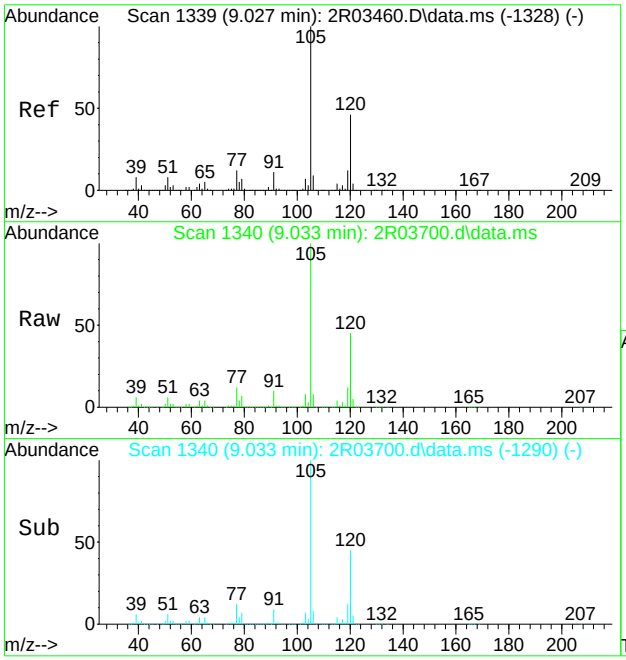


#107
tert-butylbenzene
Concen: 51.2766 ug/L
RT: 9.003 min Scan# 1335
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:119 Resp: 913678

Ion	Ratio	Lower	Upper
119	100		
91	64.2	34.3	94.3
134	25.1	0.0	54.7

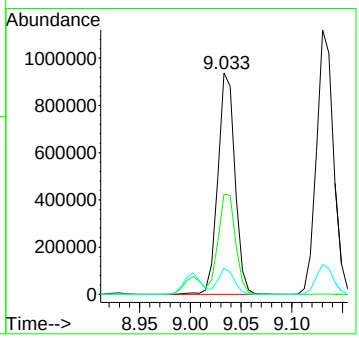


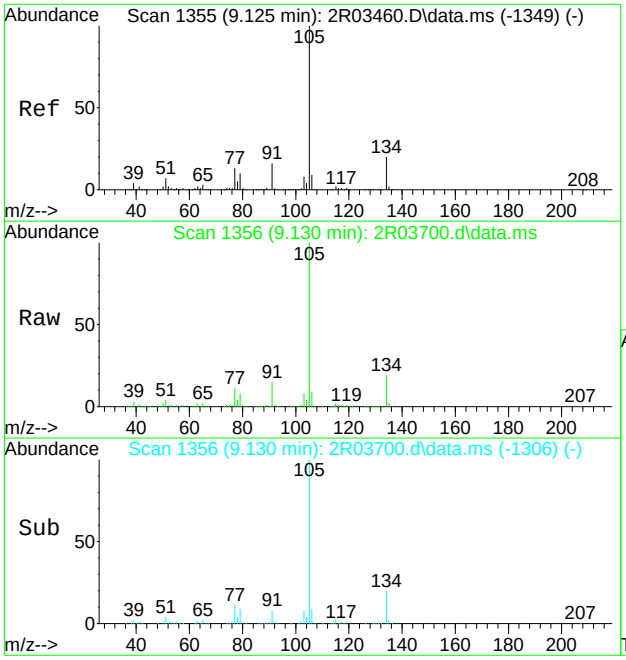


#108
1,2,4-trimethylbenzene
Concen: 51.6967 ug/L
RT: 9.033 min Scan# 1340
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:105 Resp: 1099382

Ion	Ratio	Lower	Upper
105	100		
120	45.3	14.9	74.9
77	11.8	0.0	42.4

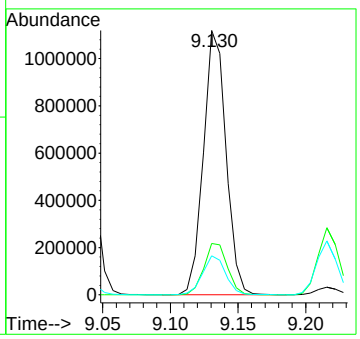


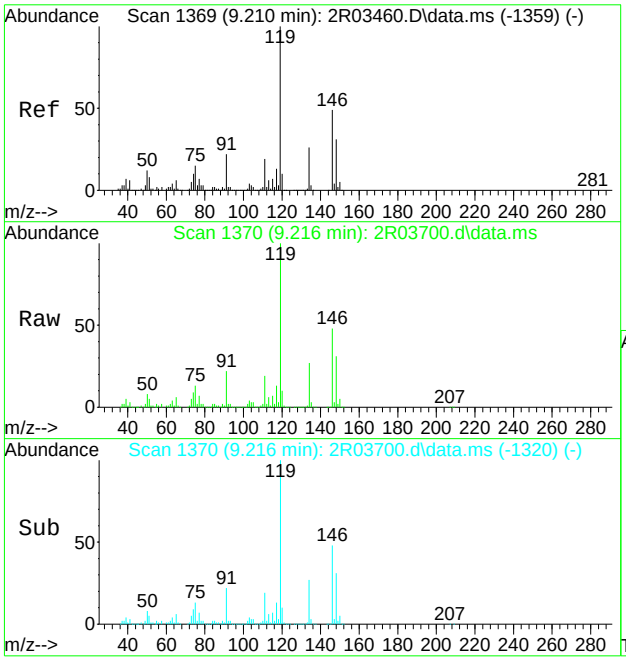


#109
sec-butylbenzene
Concen: 50.2388 ug/L
RT: 9.130 min Scan# 1356
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:105 Resp: 1301969

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	49.7
91	14.7	0.0	45.6

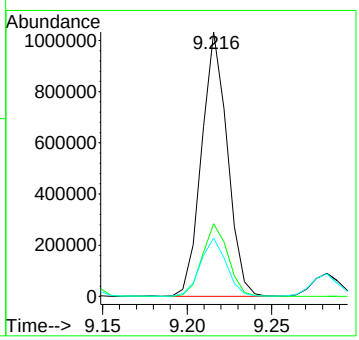


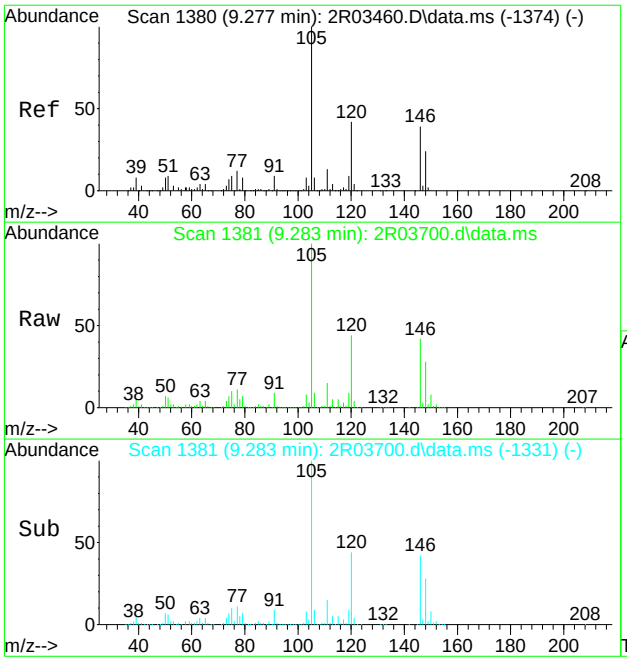


#110
p-isopropyltoluene
Concen: 51.5064 ug/L
RT: 9.216 min Scan# 1370
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:119 Resp: 1096515

Ion	Ratio	Lower	Upper
119	100		
134	27.5	0.0	56.8
91	22.0	0.0	53.0

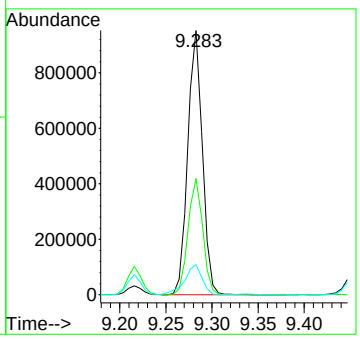


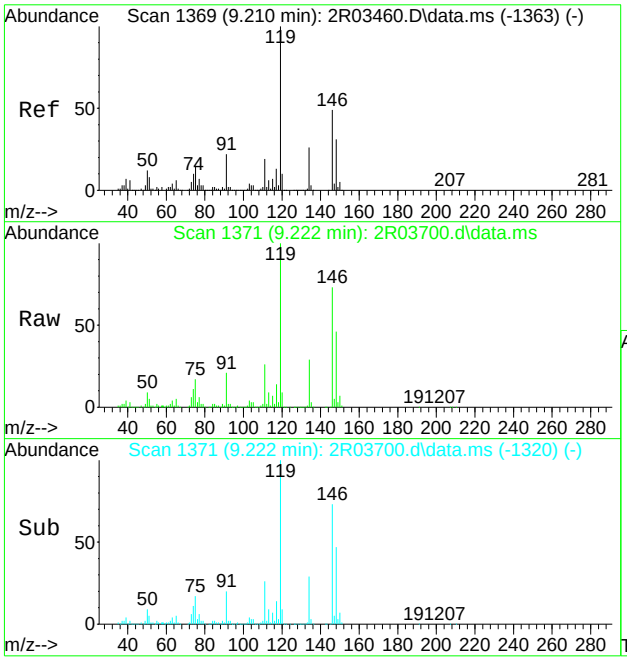


#111
1,2,3-trimethylbenzene
Concen: 49.2530 ug/L
RT: 9.283 min Scan# 1381
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:105 Resp: 1049261

Ion	Ratio	Lower	Upper
105	100		
120	44.0	12.2	72.2
77	11.4	0.0	41.9

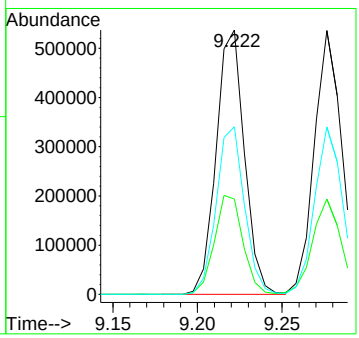


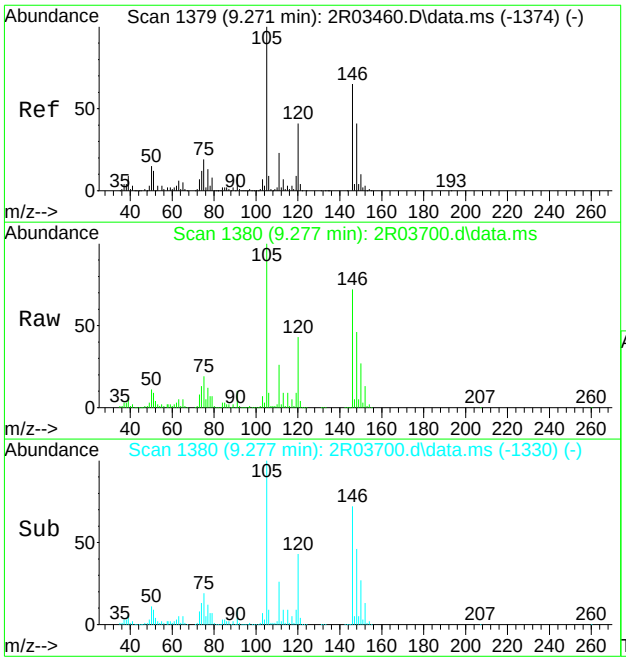


#112
1,3-dichlorobenzene
Concen: 51.8813 ug/L
RT: 9.222 min Scan# 1371
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:146 Resp: 624819

Ion	Ratio	Lower	Upper
146	100		
111	36.1	9.5	69.5
148	63.4	34.1	94.1

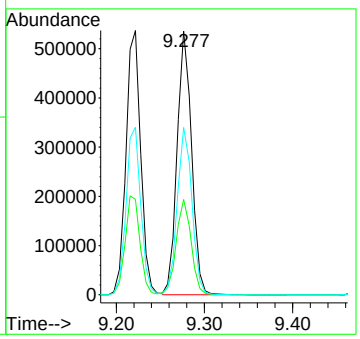


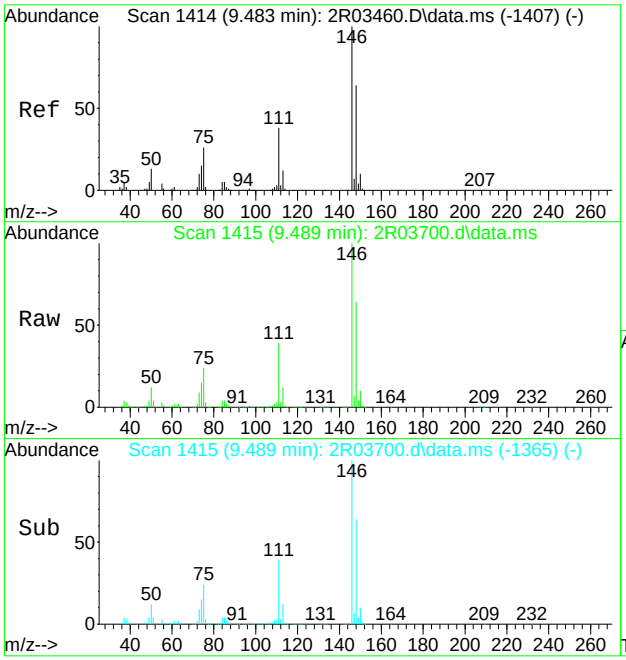


#113
1,4-dichlorobenzene
Concen: 51.3473 ug/L
RT: 9.277 min Scan# 1380
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:146 Resp: 608355

Ion	Ratio	Lower	Upper
146	100		
111	36.2	5.6	65.6
148	63.5	34.8	94.8

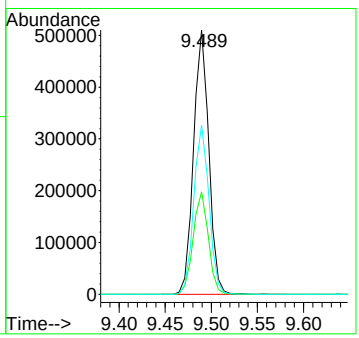


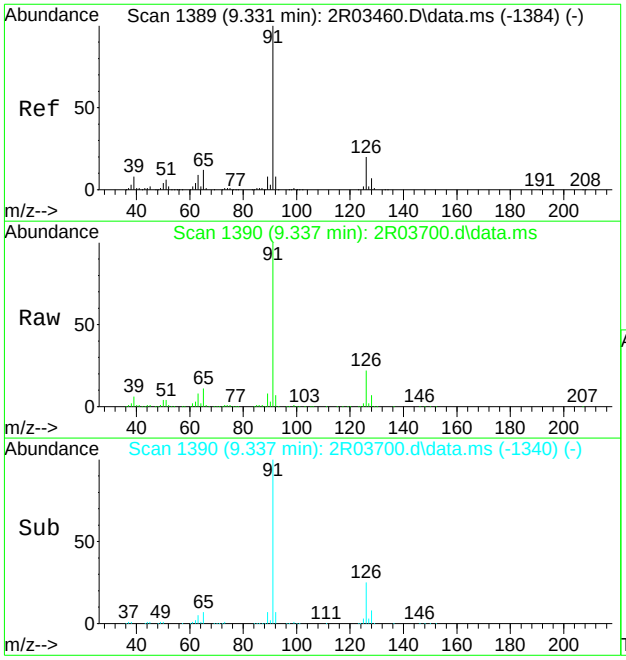


#114
1,2-dichlorobenzene
Concen: 51.7704 ug/L
RT: 9.489 min Scan# 1415
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:146 Resp: 586999

Ion	Ratio	Lower	Upper
146	100		
111	38.8	8.3	68.3
148	64.0	34.1	94.1

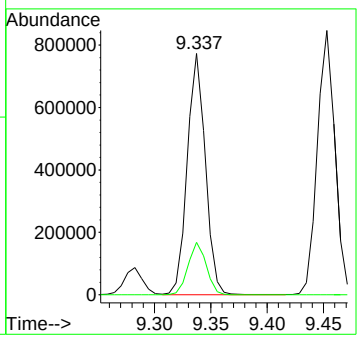


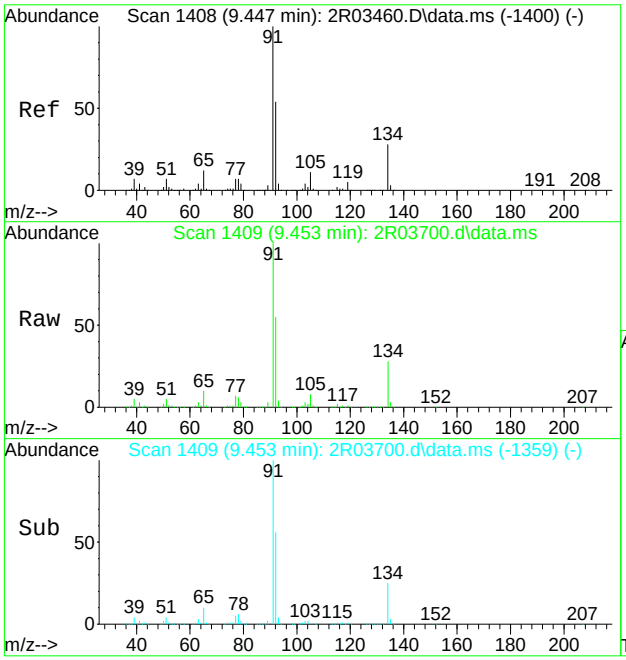


#115
benzyl chloride
Concen: 55.0438 ug/L
RT: 9.337 min Scan# 1390
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 91 Resp: 861920

Ion	Ratio	Lower	Upper
91	100		
126	21.8	0.0	50.7

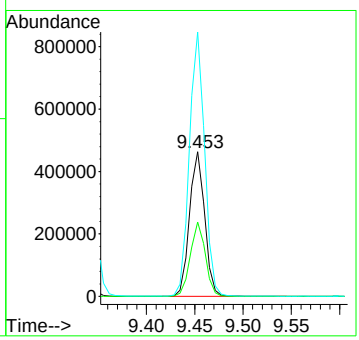


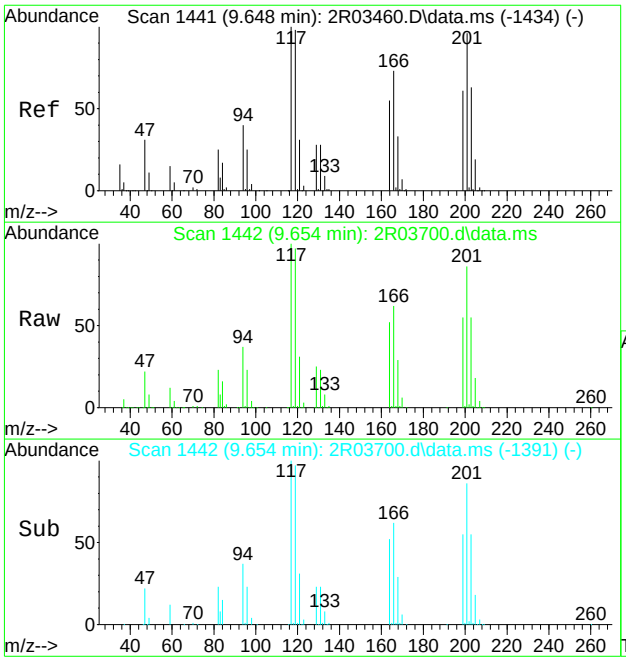


#116
n-butylbenzene
Concen: 50.2600 ug/L
RT: 9.453 min Scan# 1409
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 92 Resp: 505732

Ion	Ratio	Lower	Upper
92	100		
134	51.3	21.7	81.7
91	182.6	154.3	214.3

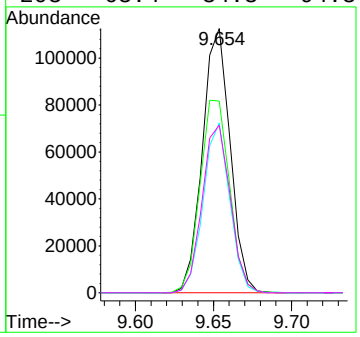


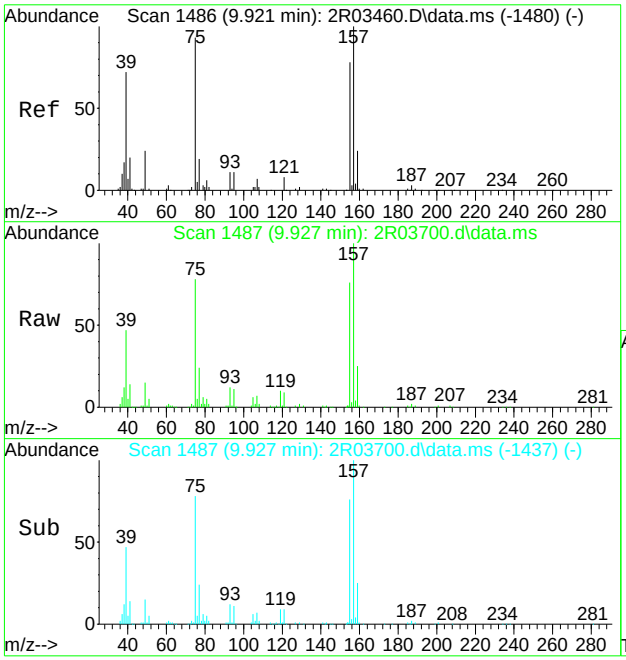


#117
hexachloroethane
Concen: 52.3140 ug/L
RT: 9.654 min Scan# 1442
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:201 Resp: 138877

Ion	Ratio	Lower	Upper
201	100		
166	72.5	46.2	106.2
199	64.2	32.2	92.2
203	63.4	34.3	94.3

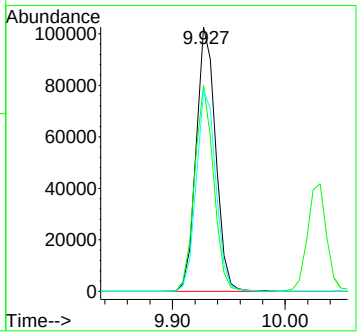


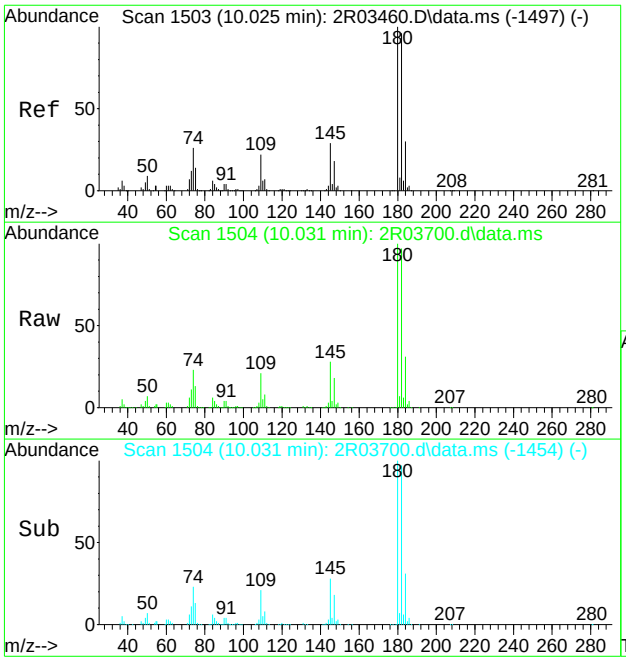


#118
1,2-dibromo-3-chloropropane
Concen: 60.2832 ug/L
RT: 9.927 min Scan# 1487
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:157 Resp: 123101

Ion	Ratio	Lower	Upper
157	100		
75	77.9	58.6	118.6
155	76.1	46.8	106.8

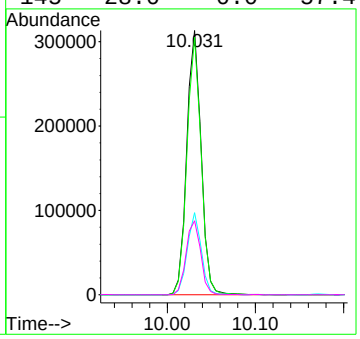


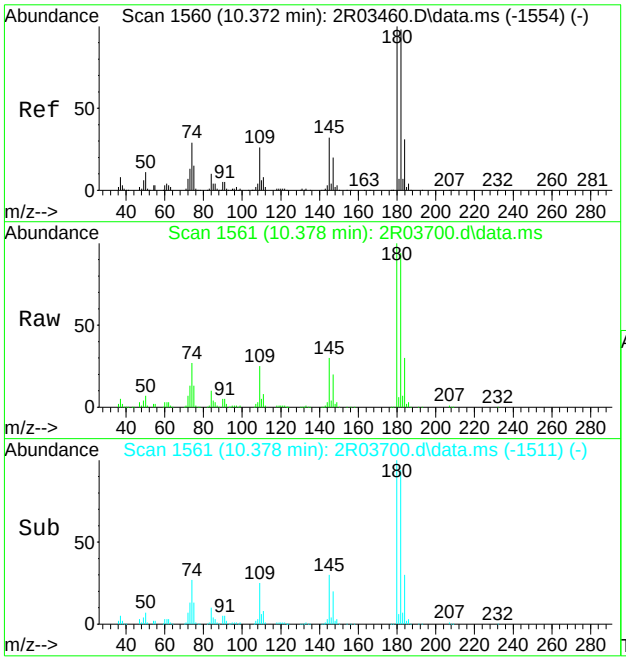


#119
1,3,5-trichlorobenzene
Concen: 48.1611 ug/L
RT: 10.031 min Scan# 1504
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:180 Resp: 354391

Ion	Ratio	Lower	Upper
180	100		
182	97.4	64.7	124.7
184	31.1	0.3	60.3
145	28.0	0.0	57.4

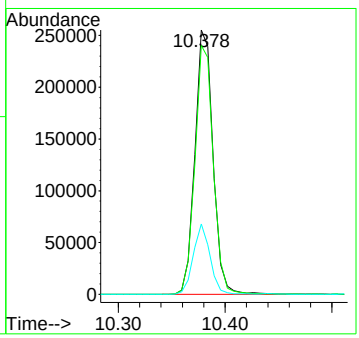


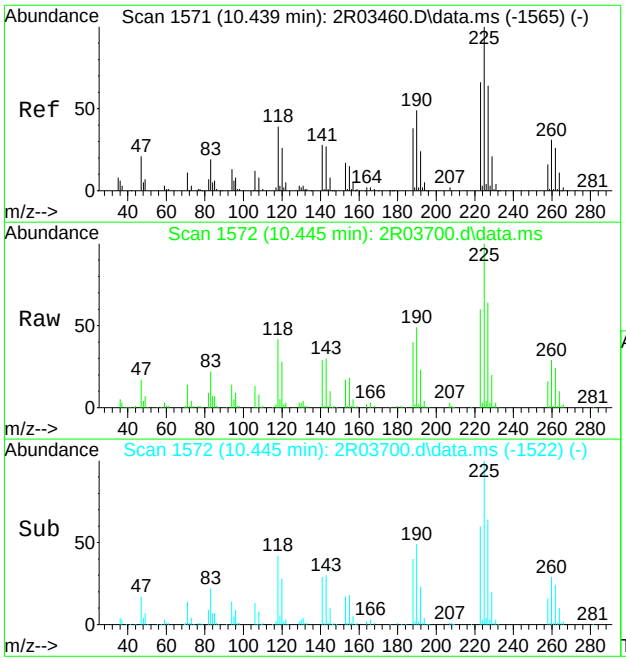


#120
1,2,4-trichlorobenzene
Concen: 53.8765 ug/L
RT: 10.378 min Scan# 1561
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:180 Resp: 301822

Ion	Ratio	Lower	Upper
180	100		
182	94.2	64.2	124.2
74	26.6	0.0	56.2

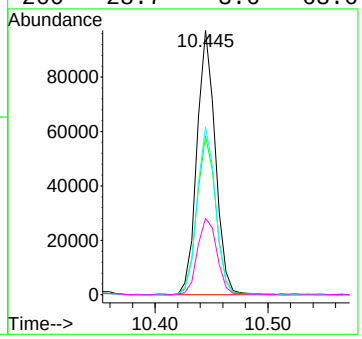


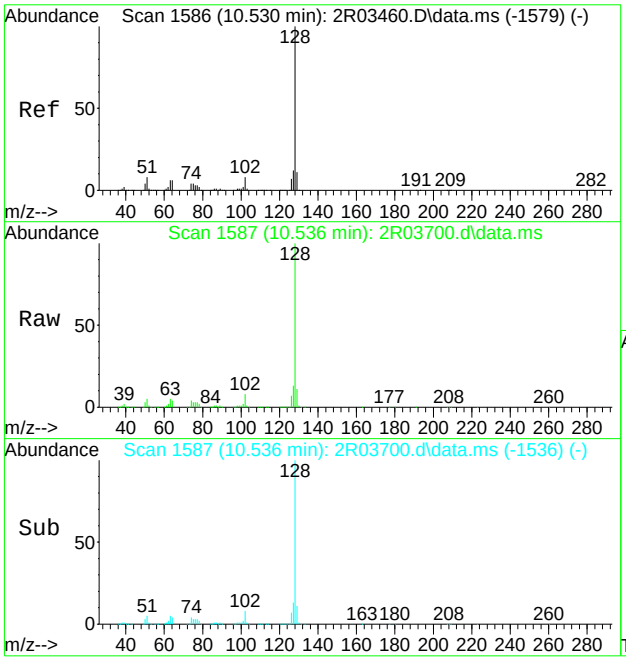


#121
hexachlorobutadiene
Concen: 43.7305 ug/L
RT: 10.445 min Scan# 1572
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:225 Resp: 110181

Ion	Ratio	Lower	Upper
225	100		
223	60.0	32.7	92.7
227	63.5	34.8	94.8
260	28.7	3.6	63.6

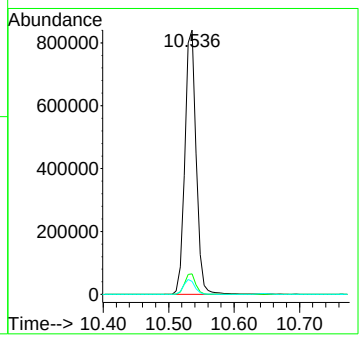


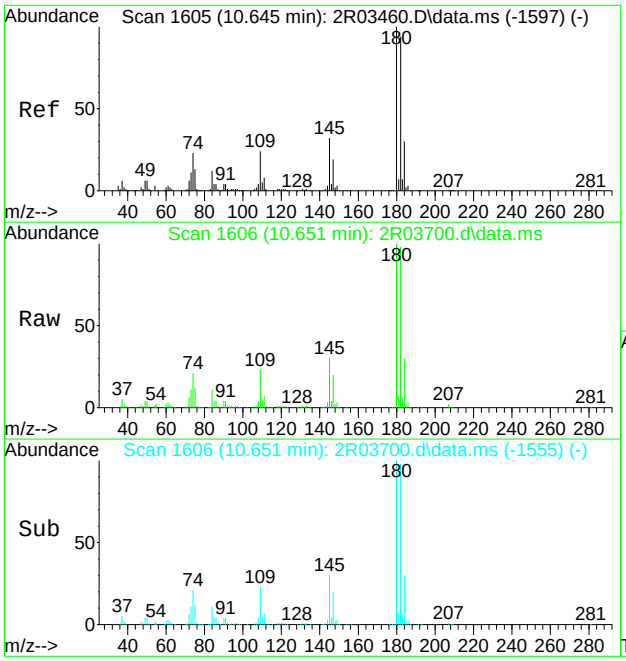


#122
naphthalene
Concen: 69.8618 ug/L
RT: 10.536 min Scan# 1587
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:128 Resp: 1012117

Ion	Ratio	Lower	Upper
128	100		
102	7.8	0.0	38.9
51	4.9	0.0	39.2

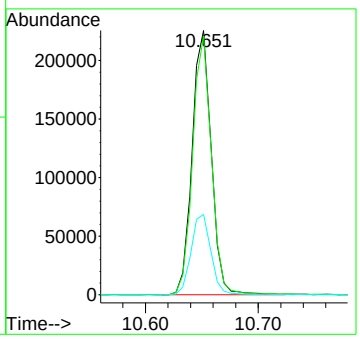


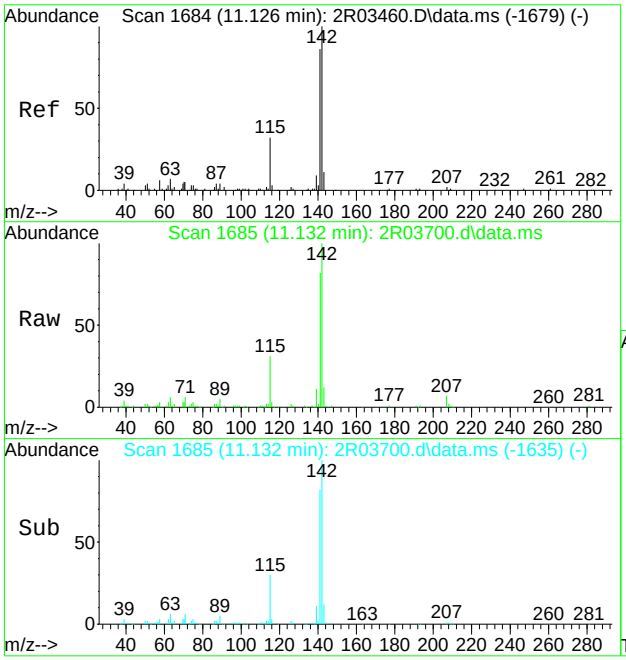


#123
1,2,3-trichlorobenzene
Concen: 66.1798 ug/L
RT: 10.651 min Scan# 1606
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:180 Resp: 265863

Ion	Ratio	Lower	Upper
180	100		
182	98.0	63.9	123.9
145	30.4	3.2	63.2

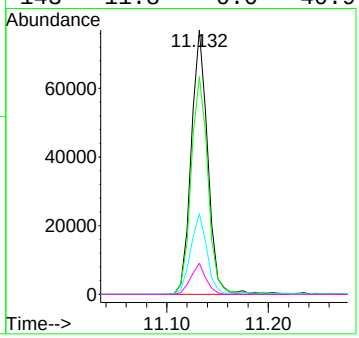


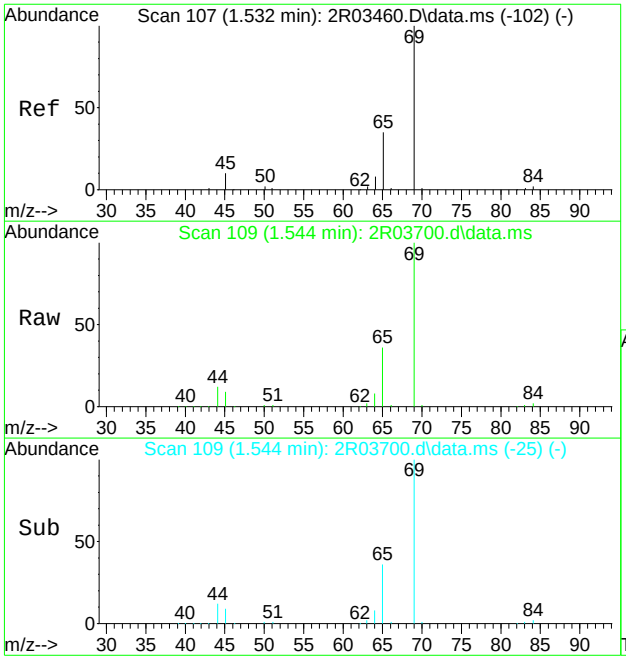


#124
2-methylnaphthalene
Concen: 84.0729 ug/L
RT: 11.132 min Scan# 1685
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:142 Resp: 86959

Ion	Ratio	Lower	Upper
142	100		
141	82.3	62.2	102.2
115	30.6	0.0	60.0
143	11.8	0.0	40.9

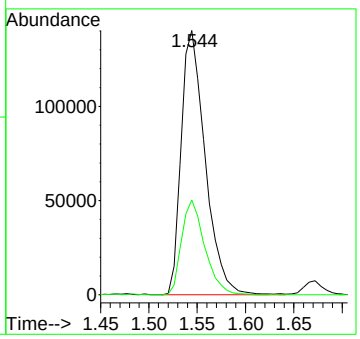


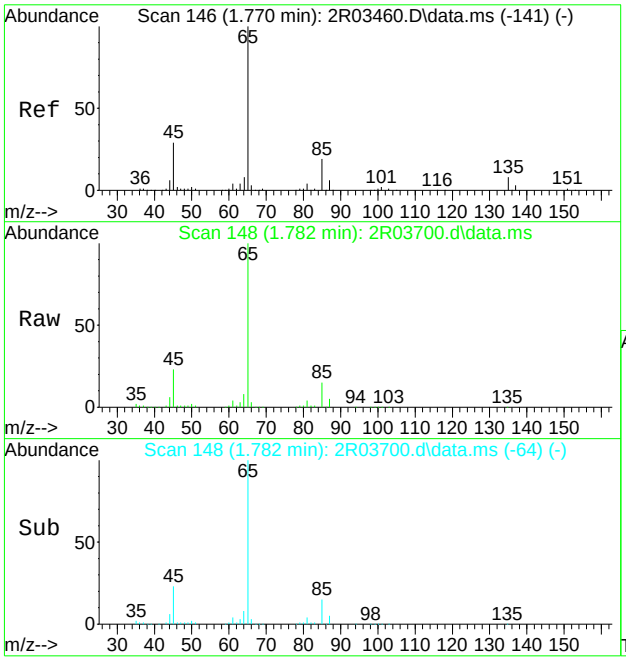


#126
Freon 143A
Concen: 59.2659 ug/L
RT: 1.544 min Scan# 109
Delta R.T. 0.012 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 69 Resp: 242489

Ion	Ratio	Lower	Upper
69	100		
65	35.9	5.6	65.6

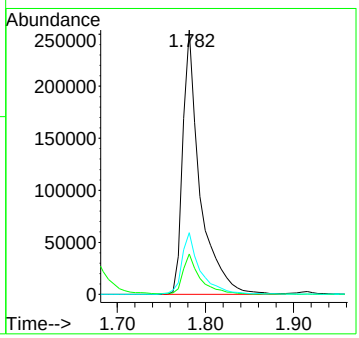


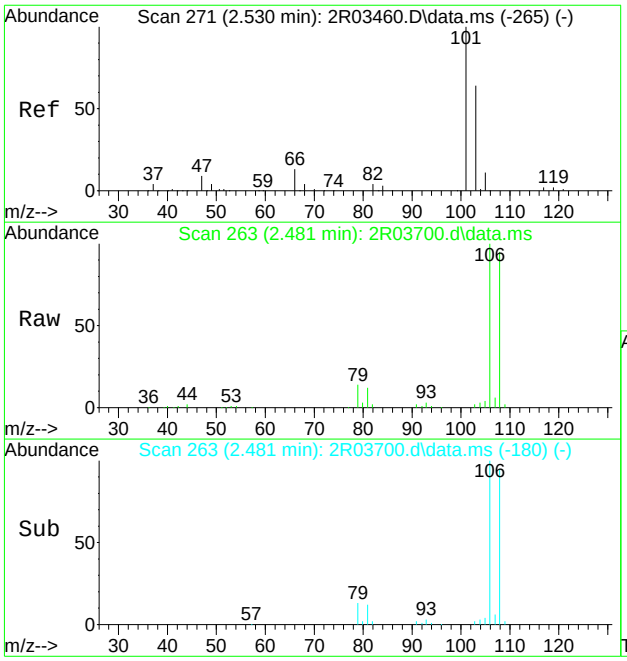


#128
Freon 142B
Concen: 57.0395 ug/L
RT: 1.782 min Scan# 148
Delta R.T. 0.013 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 65 Resp: 342090

Ion	Ratio	Lower	Upper
65	100		
85	15.2	0.0	59.9
45	23.2	0.0	59.9

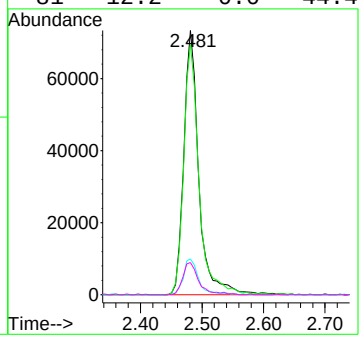


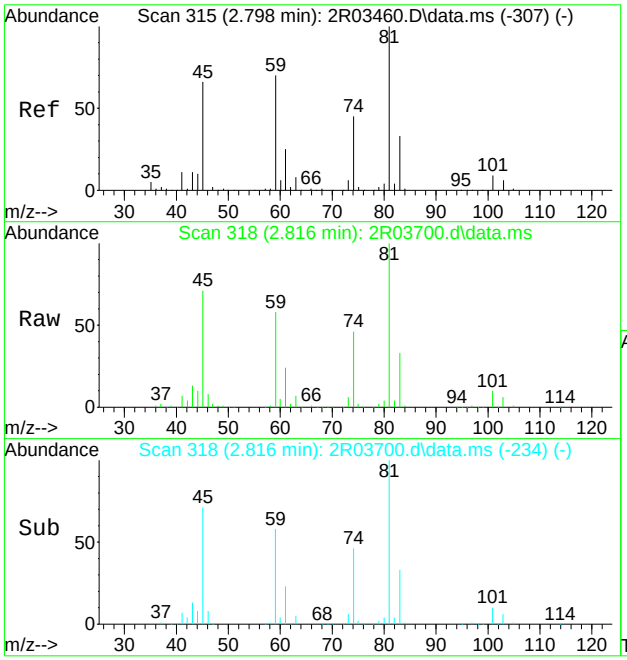


#129
vinyl bromide
Concen: 57.4118 ug/L
RT: 2.481 min Scan# 263
Delta R.T. 0.006 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion:106 Resp: 124928

Ion	Ratio	Lower	Upper
106	100		
108	94.6	64.1	124.1
79	13.6	0.0	44.9
81	12.2	0.0	44.4

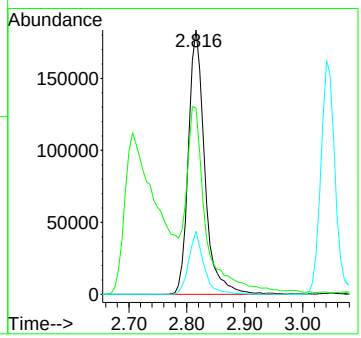




#130
Freon 141B
Concen: 53.0704 ug/L
RT: 2.816 min Scan# 318
Delta R.T. 0.013 min
Lab File: 2R03700.d
Acq: 23 May 2023 2:04 pm

Tgt Ion: 81 Resp: 360610

Ion	Ratio	Lower	Upper
81	100		
45	69.1	0.2	60.2#
61	23.9	0.0	55.5



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03702.d
Acq On : 23 May 2023 2:54 pm
Operator : edwardd
Sample : JD65823-7dup Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 24 05:30:09 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

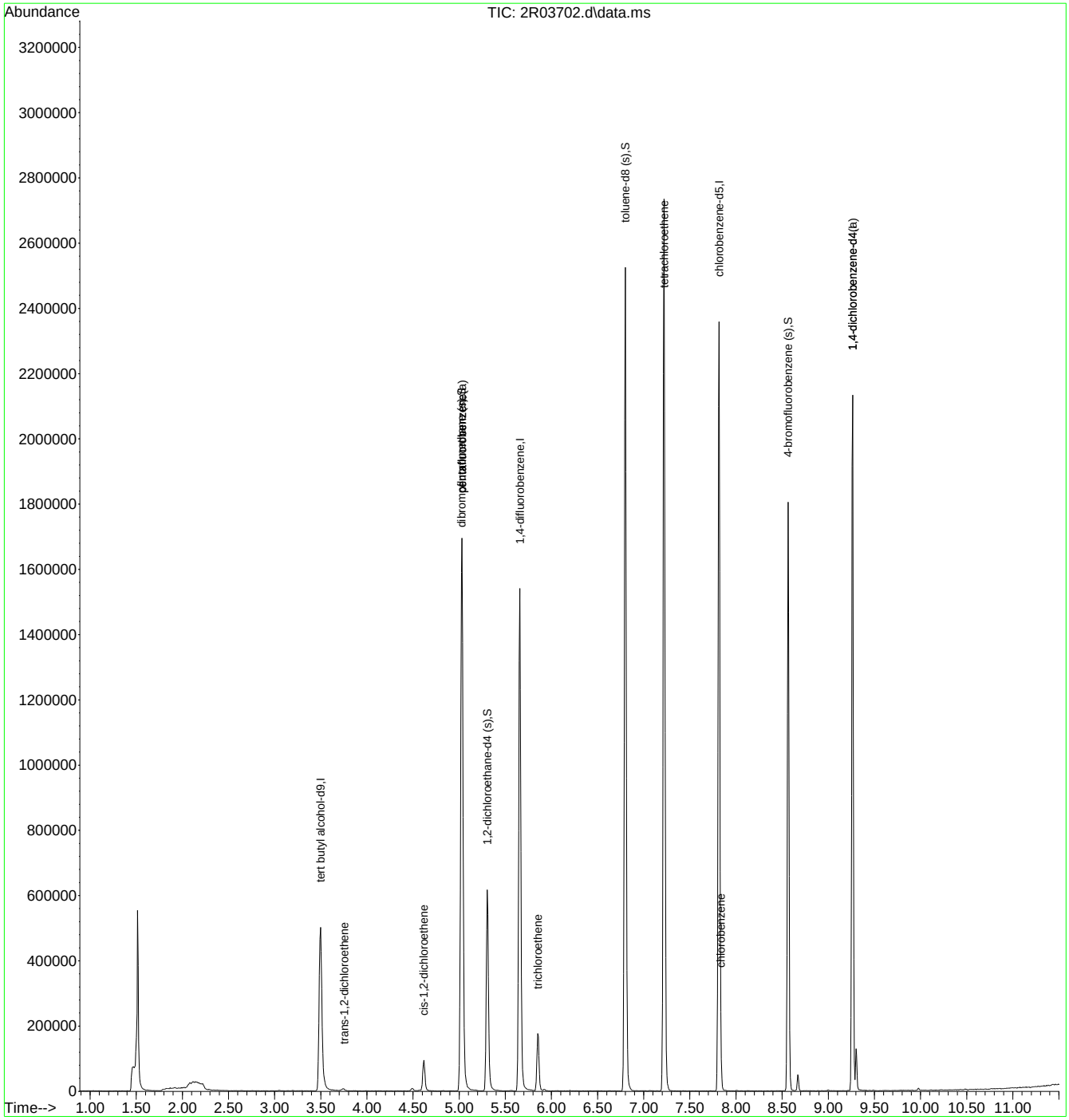
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.497	65	610521	500.00	ug/L	0.02
5) pentafluorobenzene	5.030	168	719186	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.657	114	1100280	50.00	ug/L	0.01
73) chlorobenzene-d5	7.817	117	1006464	50.00	ug/L	0.01
97) 1,4-dichlorobenzene-d4	9.264	152	419199	50.00	ug/L	0.01
125) pentafluorobenzene(a)	5.030	168	719186	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	419199	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.024	113	340440	54.90	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.80%			
53) 1,2-dichloroethane-d4 (s)	5.304	65	370492	46.39	ug/L	0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 92.78%			
74) toluene-d8 (s)	6.801	98	1379322	52.06	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.12%			
98) 4-bromofluorobenzene (s)	8.565	174	364510	51.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.16%			
Target Compounds						Qvalue
25) trans-1,2-dichloroethene	3.753	96	1499	0.3818	ug/L #	64
36) cis-1,2-dichloroethene	4.617	96	36196	8.1661	ug/L #	72
61) trichloroethene	5.852	95	51224	10.7969	ug/L	97
79) tetrachloroethene	7.220	164	476305	117.2673	ug/L	98
86) chlorobenzene	7.835	112	24268	1.8467	ug/L	97

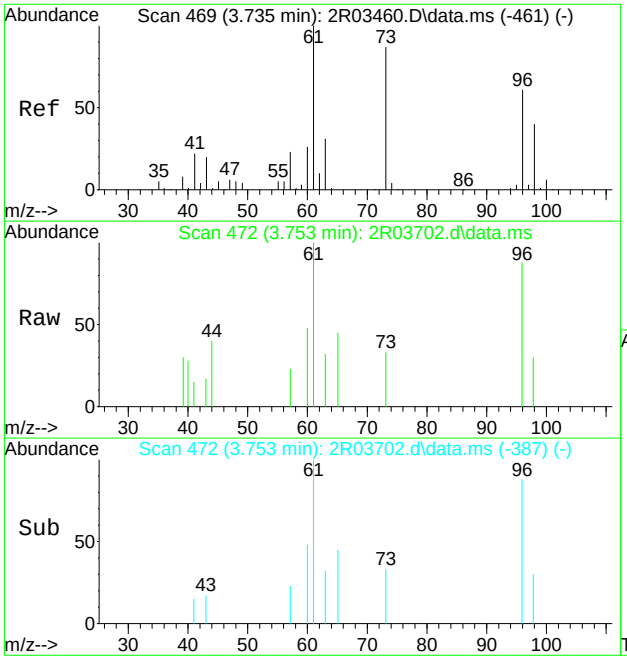
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03702.d
Acq On : 23 May 2023 2:54 pm
Operator : edwardd
Sample : JD65823-7dup Inst : GCMSR
Misc : MS69505,V2R0125,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 24 05:30:09 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

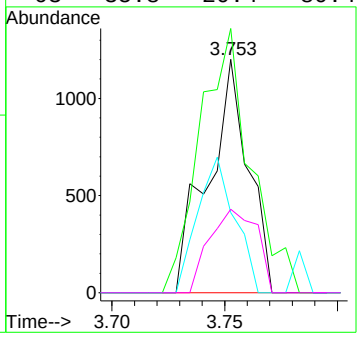


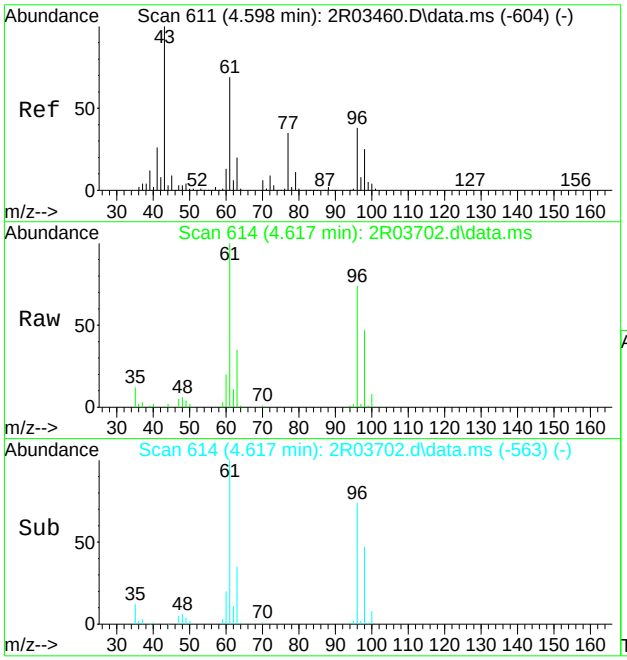


#25
trans-1,2-dichloroethene
Concen: 0.3818 ug/L
RT: 3.753 min Scan# 472
Delta R.T. 0.018 min
Lab File: 2R03702.d
Acq: 23 May 2023 2:54 pm

Tgt Ion: 96 Resp: 1499

Ion	Ratio	Lower	Upper
96	100		
61	113.2	137.2	197.2#
98	34.4	35.2	95.2#
63	35.8	20.4	80.4

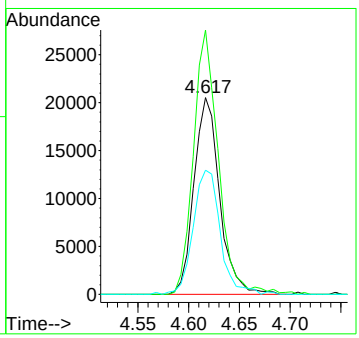


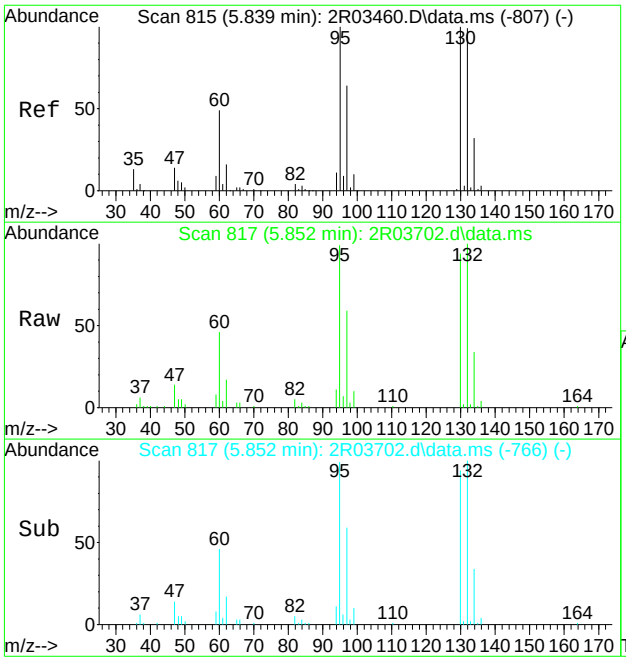


#36
cis-1,2-dichloroethene
Concen: 8.1661 ug/L
RT: 4.617 min Scan# 614
Delta R.T. 0.012 min
Lab File: 2R03702.d
Acq: 23 May 2023 2:54 pm

Tgt Ion: 96 Resp: 36196

Ion	Ratio	Lower	Upper
96	100		
61	134.5	159.0	219.0#
98	63.2	35.2	95.2

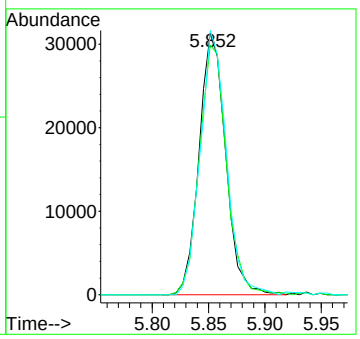


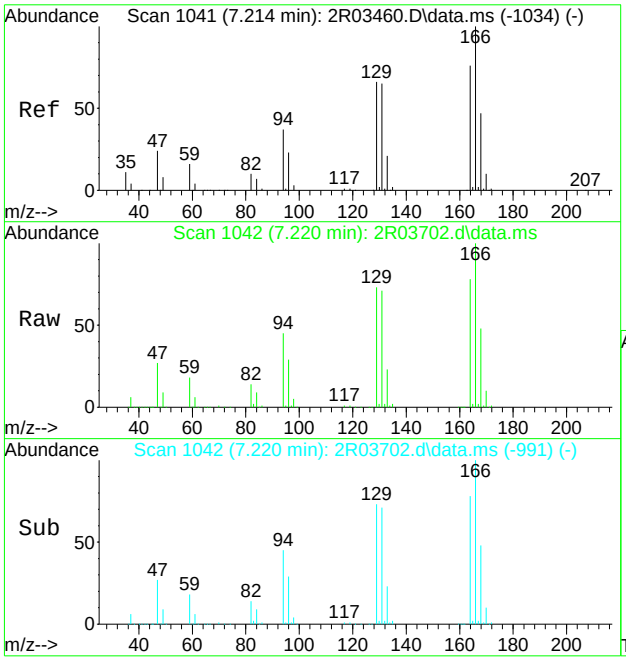


#61
trichloroethene
Concen: 10.7969 ug/L
RT: 5.852 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03702.d
Acq: 23 May 2023 2:54 pm

Tgt Ion: 95 Resp: 51224

Ion	Ratio	Lower	Upper
95	100		
130	95.4	67.3	127.3
132	101.0	67.9	127.9

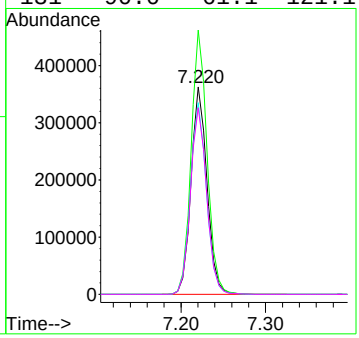


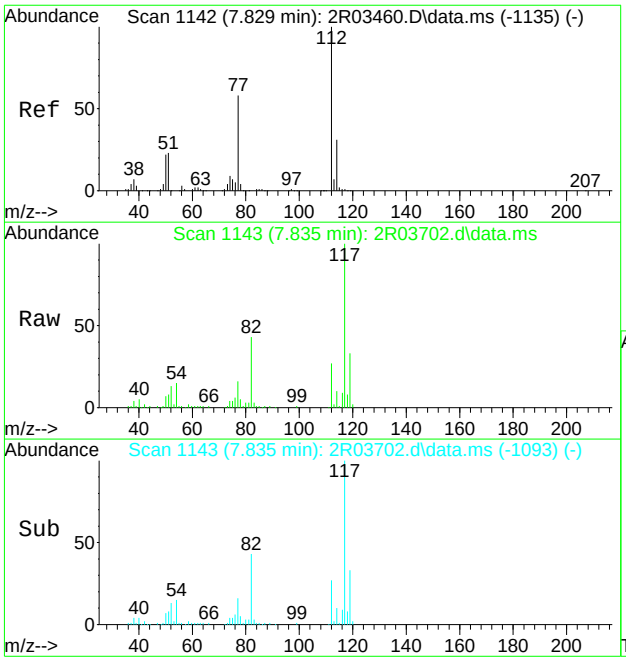


#79
tetrachloroethene
Concen: 117.2673 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03702.d
Acq: 23 May 2023 2:54 pm

Tgt Ion:164 Resp: 476305

Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.2	162.2
129	92.4	63.0	123.0
131	90.0	61.1	121.1

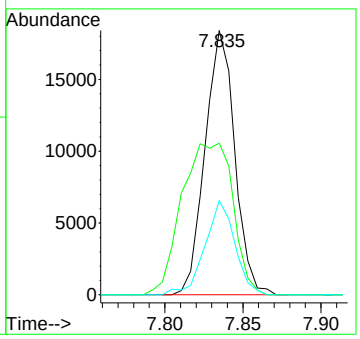




#86
chlorobenzene
Concen: 1.8467 ug/L
RT: 7.835 min Scan# 1143
Delta R.T. 0.006 min
Lab File: 2R03702.d
Acq: 23 May 2023 2:54 pm

Tgt Ion:112 Resp: 24268

Ion	Ratio	Lower	Upper
112	100		
77	57.3	28.0	88.0
114	35.6	2.3	62.3

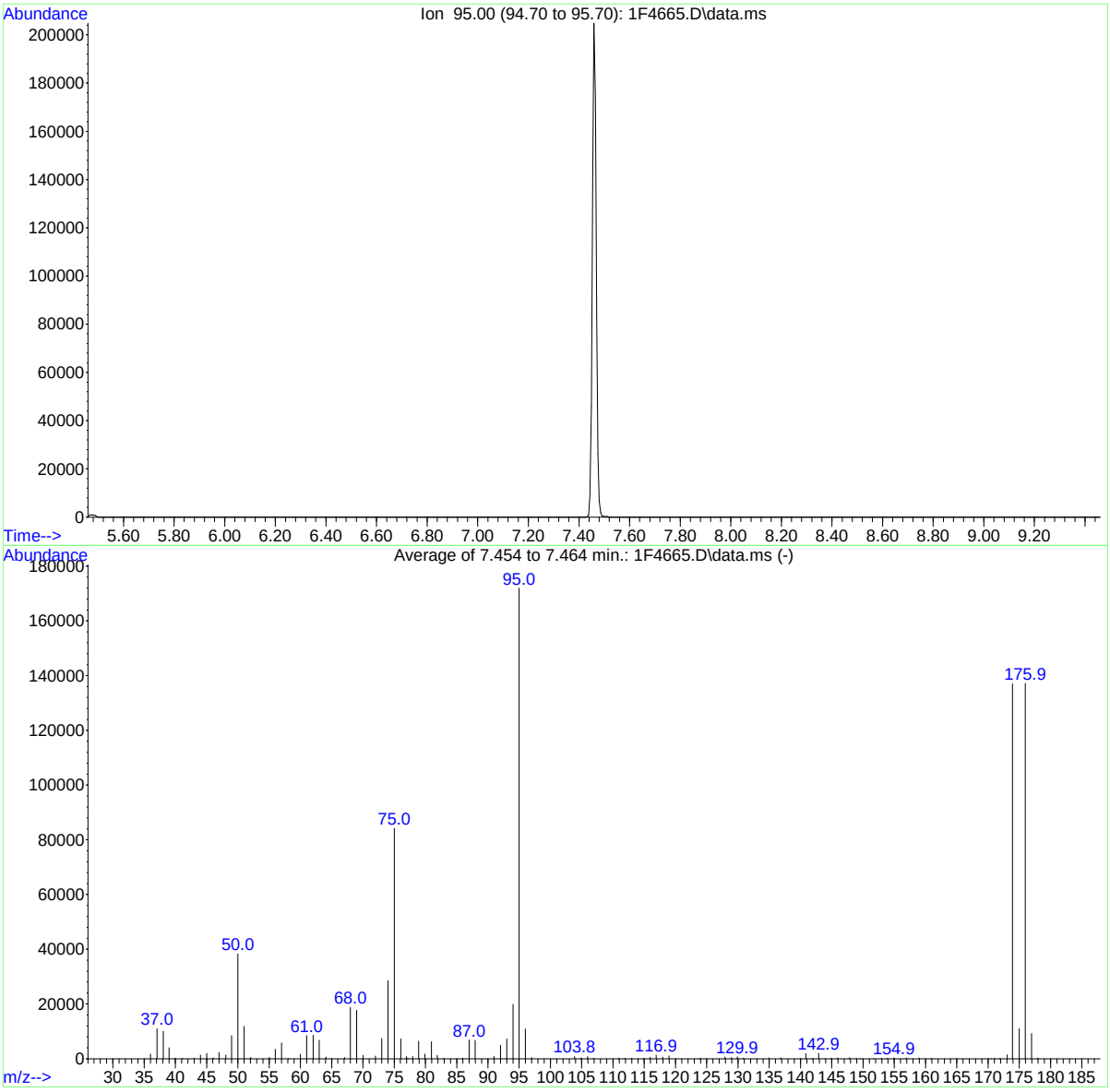


7.5.1
7

SW-846 Method 8260

Data File : C:\msdchem\1\DATA\VF156\1F4665.D Vial: 1
Acq On : 29 Apr 2023 8:51 pm Operator: PrashanS
Sample : BFB Inst : GCMS-F
Misc : MS68327,V1F156,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M1F156.M (RTE Integrator)
Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um



AutoFind: Scans 1405, 1406, 1407; Background Corrected with Scan 1398

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	38291	PASS
75	95	30	60	49.0	84211	PASS
95	95	100	100	100.0	171925	PASS
96	95	5	9	6.3	10899	PASS
173	174	0.00	2	1.1	1455	PASS
174	95	50	120	79.7	137013	PASS
175	174	5	9	8.0	10995	PASS
176	174	95	101	100.1	137213	PASS
177	176	5	9	6.7	9215	PASS

1F4665.D M1F156.M Mon May 01 12:42:33 2023

Average of 7.454 to 7.464 min.: 1F4665.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1750	48.05	1382	62.05	8577	75.00	84211
37.05	11005	49.00	8438	63.00	6720	76.05	7224
38.05	10040	50.00	38291	64.10	625	76.95	824
39.00	3980	51.00	11791	65.00	61	77.20	242
39.95	214	52.05	515	67.05	456	77.95	778
41.20	50	55.00	482	68.00	18667	78.90	6354
43.00	262	56.00	3484	69.00	17677	79.90	1683
44.00	1372	57.00	5701	70.05	1247	80.95	6172
45.00	1978	58.10	188	72.00	989	81.90	1285
46.05	282	60.00	1636	73.00	7352	82.95	167
47.00	2281	61.00	8505	74.00	28451	85.95	274

Average of 7.454 to 7.464 min.: 1F4665.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.00	6812	105.95	810	124.00	83	143.90	61
87.95	6694	106.85	106	127.90	567	144.90	110
90.95	860	110.90	254	128.90	462	145.95	306
92.00	4912	111.85	116	129.90	724	147.85	407
93.00	7250	113.00	184	130.90	260	148.90	132
94.00	19848	114.85	187	134.95	313	149.60	60
95.00	171925	115.90	534	136.85	282	151.70	93
96.00	10899	116.90	1283	140.00	67	152.95	126
97.00	421	117.95	560	140.85	1900	153.80	111
103.85	817	118.95	1026	141.95	185	154.95	342
104.90	280	123.80	52	142.90	1980	156.90	290

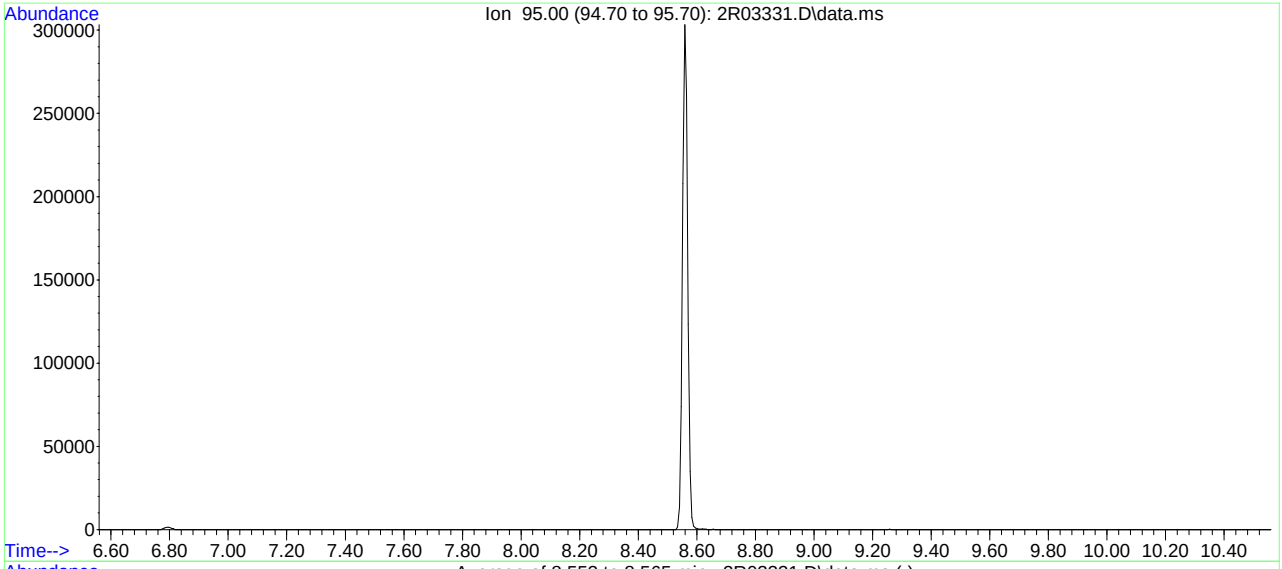
Average of 7.454 to 7.464 min.: 1F4665.D\data.ms
BFB
Modified:subtracted

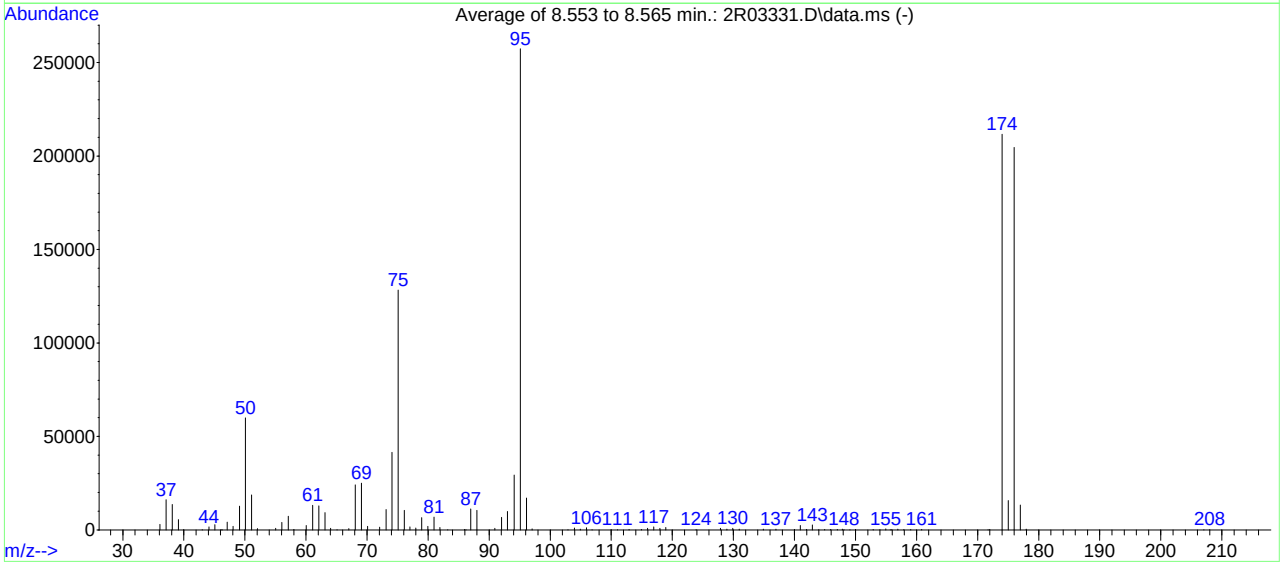
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.95	229						
160.90	148						
170.50	53						
171.05	135						
171.90	169						
173.05	1455						
173.90	137013						
175.00	10995						
175.95	137213						
176.95	9215						
177.90	211						

SW-846 Method 8260

Data File : C:\msdchem\1\data\Initials\VR0111\2R03331.D Vial: 1
Acq On : 9 May 2023 10:06 pm Operator: PrashanS
Sample : BFB Inst : GCMSR
Misc : MS68225,V2R0111,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um





AutoFind: Scans 1261, 1262, 1263; Background Corrected with Scan 1255

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.3	59867	PASS
75	95	30	60	49.9	128283	PASS
95	95	100	100	100.0	257301	PASS
96	95	5	9	6.6	17016	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	82.2	211605	PASS
175	174	5	9	7.4	15607	PASS
176	174	95	101	96.7	204587	PASS
177	176	5	9	6.5	13347	PASS

2R03331.D M2R111.M Thu May 11 19:37:27 2023

Average of 8.553 to 8.565 min.: 2R03331.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	2988	48.05	1835	62.10	12888	75.10	128283
37.10	16129	49.10	12654	63.10	9219	76.10	10411
38.10	13546	50.10	59867	64.05	783	77.00	1507
39.10	5456	51.10	18709	65.10	60	78.00	1055
40.00	97	52.05	726	67.00	613	78.95	6578
43.00	63	55.05	866	68.05	24085	79.95	1950
44.10	1522	56.05	4063	69.10	24963	80.95	6774
45.10	2780	57.10	7248	70.10	1809	81.95	1277
46.10	79	58.00	319	72.05	1441	83.20	108
46.25	148	60.05	2378	73.10	10924	85.95	241
47.10	4206	61.10	13115	74.10	41504	86.20	135

Average of 8.553 to 8.565 min.: 2R03331.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.00	11188	104.95	327	123.90	66	144.00	64
88.00	10372	105.95	1093	127.90	817	144.95	187
90.95	822	106.85	154	128.95	431	145.90	309
92.05	6743	110.00	82	129.90	831	147.00	196
93.00	9840	111.05	138	130.95	391	147.85	356
94.10	29293	112.90	211	134.90	398	148.10	123
95.10	257301	114.95	219	136.95	444	149.10	59
96.10	17016	115.95	876	140.00	178	150.00	216
97.05	554	116.95	1545	140.95	2394	152.90	200
102.90	66	117.95	871	141.95	187	154.00	61
103.95	959	118.95	1302	142.95	2575	154.95	592

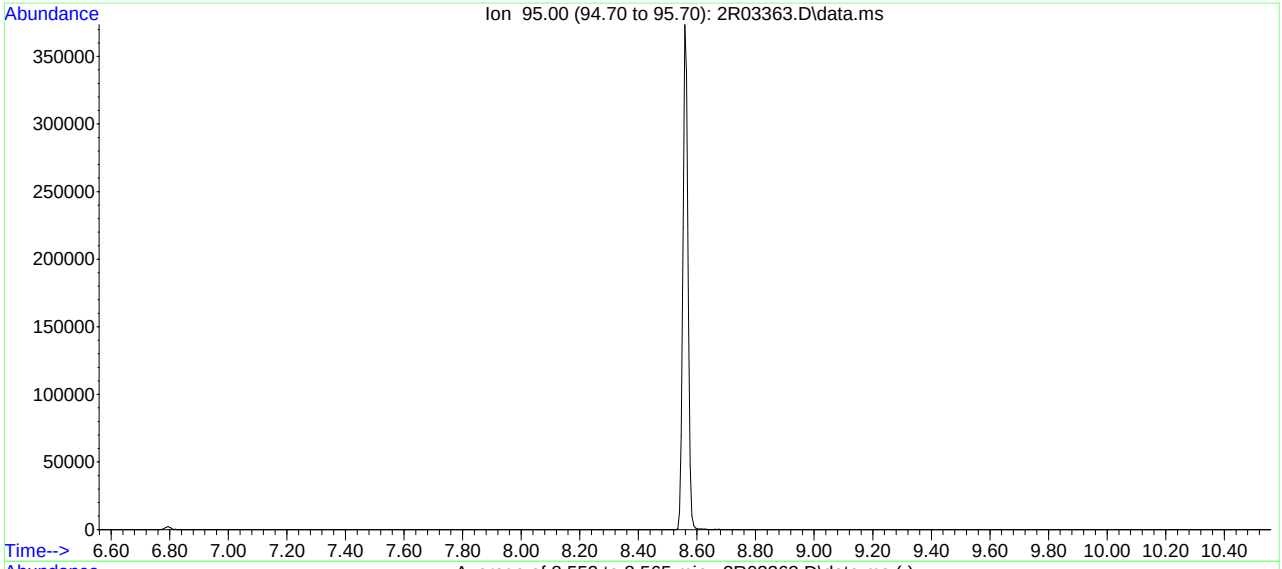
Average of 8.553 to 8.565 min.: 2R03331.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
155.70	62	177.00	13347				
155.90	63	177.95	330				
156.95	420	207.05	48				
157.90	85	208.00	63				
159.05	319						
160.85	292						
171.70	110						
172.00	244						
174.00	211605						
175.00	15607						
176.00	204587						

SW-846 Method 8260

Data File : C:\msdchem\1\data\Initials\VR0111\2R03363.D Vial: 18
Acq On : 11 May 2023 3:39 pm Operator: PrashanS
Sample : bfb2 Inst : GCMSR
Misc : MS68225,V2R0111,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R111.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um



AutoFind: Scans 1261, 1262, 1263; Background Corrected with Scan 1255

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	71901	PASS
75	95	30	60	50.1	155827	PASS
95	95	100	100	100.0	311253	PASS
96	95	5	9	6.6	20554	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	79.6	247829	PASS
175	174	5	9	7.6	18840	PASS
176	174	95	101	97.7	242219	PASS
177	176	5	9	6.6	15946	PASS

2R03363.D M2R111.M Thu May 11 19:38:35 2023

Average of 8.552 to 8.565 min.: 2R03363.D\data.ms
bfb2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	3455	49.10	15917	63.10	11087	77.05	1766
37.10	18878	50.10	71901	64.05	944	77.95	1080
38.10	16294	51.10	22333	67.00	893	78.95	7840
39.10	6543	52.05	907	68.05	30560	80.00	2337
40.00	317	55.05	775	69.10	31325	80.95	8272
43.15	226	56.05	5181	70.05	2404	81.90	1623
44.05	2023	57.05	9427	72.00	1815	83.00	192
45.10	2979	58.05	429	73.10	13048	86.05	437
46.10	163	60.05	2988	74.10	50907	87.00	13069
47.05	4538	61.10	15528	75.10	155827	88.00	11972
47.95	2052	62.10	15551	76.10	13555	90.95	1062

Average of 8.552 to 8.565 min.: 2R03363.D\data.ms
bfb2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.00	8207	109.95	211	127.95	1034	142.95	3056
93.00	11939	110.95	322	128.95	601	143.90	77
94.05	35088	111.95	128	129.95	1115	145.00	208
95.10	311253	112.90	167	130.95	378	145.70	131
96.05	20554	114.90	337	134.90	542	145.95	230
97.00	605	116.00	1017	136.80	351	147.00	185
103.90	1383	116.95	1768	137.00	195	147.95	687
104.85	293	117.95	1043	139.00	59	149.00	65
105.10	136	118.95	1547	139.90	196	150.00	214
105.95	1331	123.90	152	140.90	3054	152.00	129
106.95	292	127.10	65	141.90	426	152.85	164

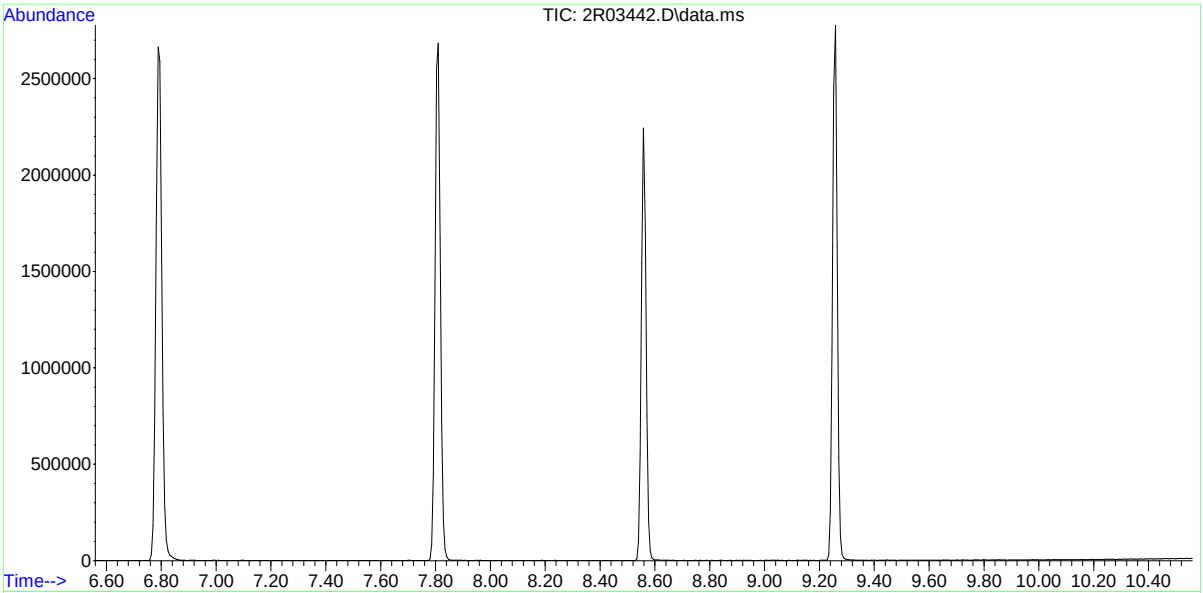
Average of 8.552 to 8.565 min.: 2R03363.D\data.ms
bfb2
Modified:subtracted

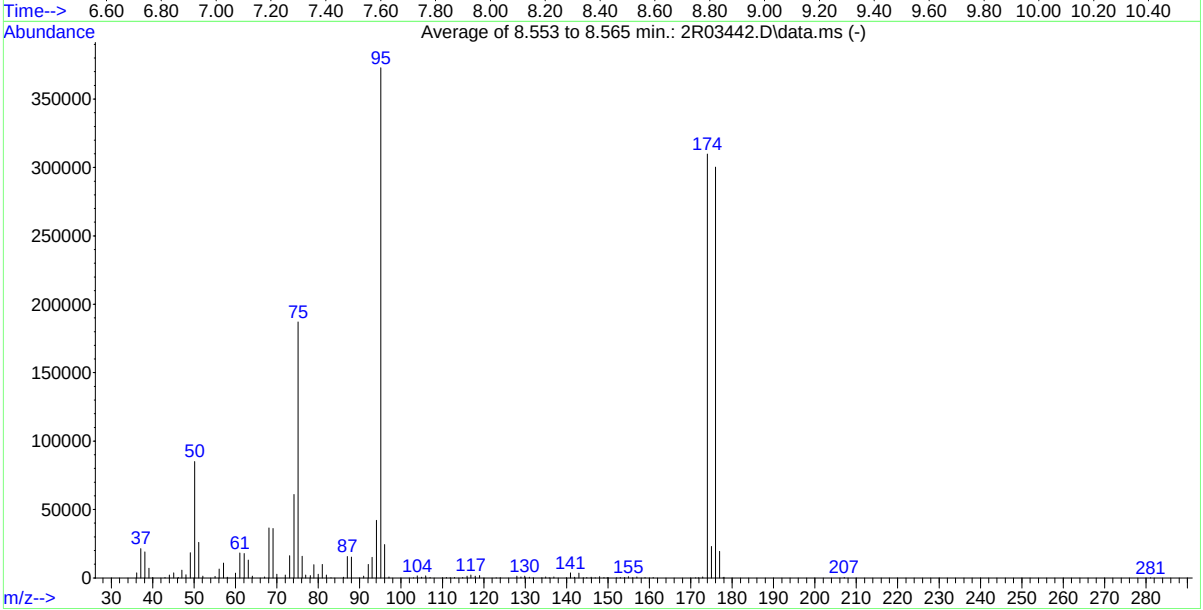
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
153.70	75	177.00	15946				
154.00	99	177.90	433				
155.00	696	207.00	104				
156.95	550						
158.95	264						
160.95	379						
172.00	123						
172.15	230						
174.00	247829						
175.00	18840						
176.00	242219						

SW-846 Method 8260

Data File : C:\msdchem\1\data\VR0115\2R03442.D Vial: 78
Acq On : 15 May 2023 5:34 pm Operator: BridgetK
Sample : bfb Inst : GCMSR
Misc : MS69262,V2R0115,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M2R115.M (RTE Integrator)
Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um





AutoFind: Scans 1261, 1262, 1263; Background Corrected with Scan 1255

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	84997	PASS
75	95	30	60	50.2	187136	PASS
95	95	100	100	100.0	372843	PASS
96	95	5	9	6.5	24371	PASS
173	174	0.00	2	0.2	615	PASS
174	95	50	150	83.1	309824	PASS
175	174	5	9	7.4	23013	PASS
176	174	95	101	96.9	300309	PASS
177	176	5	9	6.5	19481	PASS

2R03442.D M2R115.M Tue May 16 16:44:43 2023

Average of 8.553 to 8.565 min.: 2R03442.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	3641	49.10	18355	63.10	13020	76.95	2113
37.10	21493	50.10	84997	64.05	1277	78.05	1713
38.10	18941	51.10	26048	67.05	684	78.95	9668
39.10	7160	52.10	1228	68.05	36595	80.00	2778
40.00	288	55.05	1075	69.10	36019	80.95	9771
42.95	303	56.05	6414	70.00	2738	81.95	2025
44.00	2141	57.10	10858	72.05	2065	83.05	188
45.10	3676	58.05	423	73.10	16276	86.10	518
46.20	277	60.00	3435	74.10	60981	87.00	15665
47.05	5588	61.05	18283	75.10	187136	88.00	15138
48.05	2389	62.10	17764	76.10	15735	90.95	1248

Average of 8.553 to 8.565 min.: 2R03442.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.05	9855	110.05	143	127.95	1283	141.95	448
93.00	15114	110.95	289	128.95	652	142.95	3408
94.05	42051	111.90	97	129.90	1337	144.05	147
95.10	372843	112.90	282	131.00	473	144.90	299
96.05	24371	114.90	366	131.90	59	145.95	441
97.05	670	115.95	1248	134.00	67	146.95	199
103.00	74	116.90	2050	134.95	651	147.95	818
103.90	1599	117.95	1289	135.80	62	149.00	274
104.95	463	118.95	1790	136.90	697	149.80	74
105.95	1477	123.00	72	139.95	161	150.00	214
107.00	344	123.95	181	140.95	3624	152.10	59

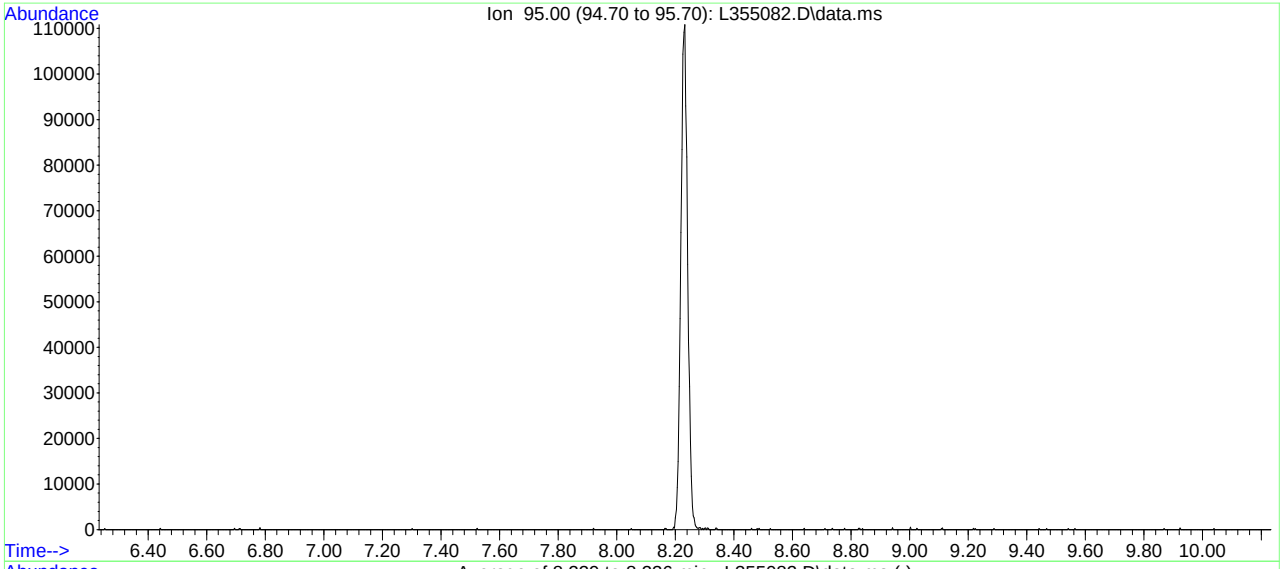
Average of 8.553 to 8.565 min.: 2R03442.D\data.ms
bfb
Modified:subtracted

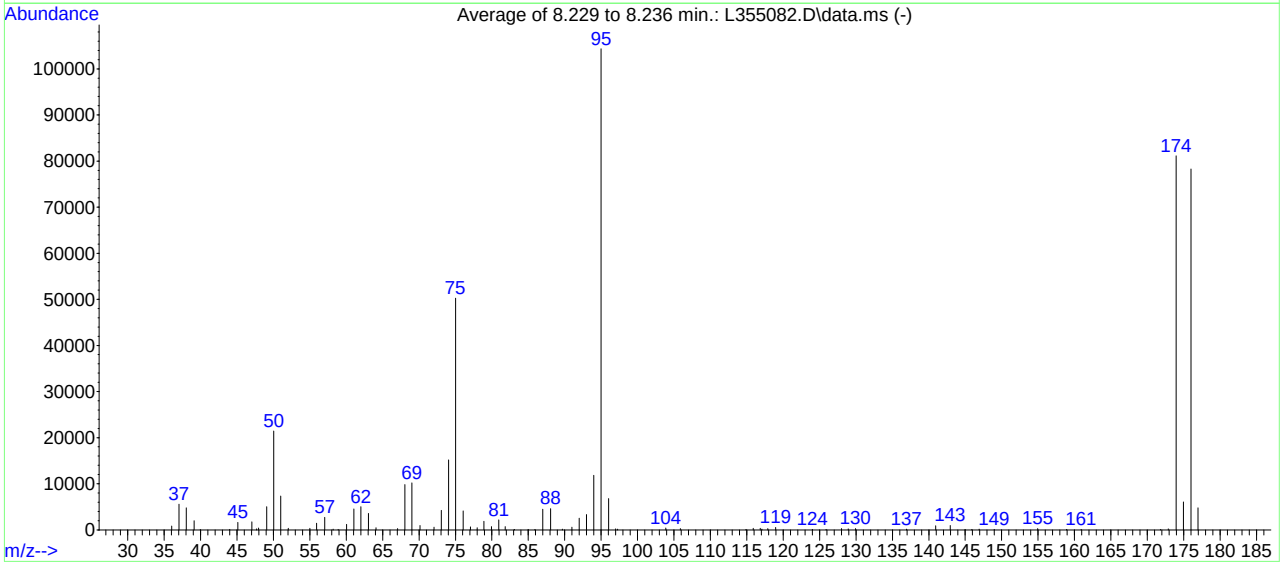
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
152.95	225	175.00	23013				
154.05	257	176.00	300309				
154.95	917	177.00	19481				
156.00	76	177.80	77				
156.95	620	178.00	430				
158.95	360	207.05	257				
160.90	381	281.15	195				
171.20	59						
171.90	76						
172.90	615						
174.00	309824						

SW-846 Method 8260

Data File : C:\msdchem\1\data\VL10779\L355082.D Vial: 1
Acq On : 29 Apr 2023 5:41 pm Operator: PrashanS
Sample : BFB Inst : GCMS-L
Misc : MS68466,VL10779,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\ML10779.M (RTE Integrator)
Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um





AutoFind: Scans 2101, 2102, 2103; Background Corrected with Scan 2087

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	21421	PASS
75	95	30	60	48.2	50264	PASS
95	95	100	100	100.0	104336	PASS
96	95	5	9	6.5	6810	PASS
173	174	0.00	2	0.3	227	PASS
174	95	50	120	77.7	81115	PASS
175	174	5	9	7.5	6064	PASS
176	174	95	101	96.5	78261	PASS
177	176	5	9	6.1	4759	PASS

L355082.D ML10779.M Mon May 01 21:59:30 2023

Average of 8.229 to 8.236 min.: L355082.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	815	50.05	21421	63.05	3529	77.05	628
37.05	5588	51.00	7318	64.10	476	78.00	455
38.05	4753	52.05	326	67.05	257	78.90	1882
39.10	1985	55.00	334	68.05	9794	79.95	676
39.95	5	55.95	1407	69.00	10195	80.95	2189
44.00	103	57.05	2704	70.15	918	81.85	684
45.10	1643	58.20	169	72.05	585	83.10	84
47.05	1749	58.90	73	73.05	4253	85.00	88
47.70	229	60.05	1200	74.05	15156	85.90	71
47.95	391	61.05	4535	75.00	50264	87.00	4446
49.10	5011	62.00	5029	76.05	4112	88.05	4571

Average of 8.229 to 8.236 min.: L355082.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
89.70	151	114.90	105	136.95	160	172.90	227
91.00	570	115.90	316	140.95	909	173.95	81115
92.00	2534	116.85	319	142.95	960	174.95	6064
93.00	3342	117.10	137	145.00	114	176.00	78261
94.00	11853	117.90	276	145.90	89	176.95	4759
95.00	104336	118.95	500	146.90	161		
96.05	6810	124.00	111	149.00	84		
97.00	229	125.90	67	154.95	304		
97.25	139	128.00	260	158.90	89		
103.90	391	128.95	198	160.90	77		
105.90	304	129.95	282	171.80	117		

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/01/23 19:46

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4667.D
Acq On : 29 Apr 2023 9:57 pm
Operator : PrashanS
Sample : IC156-0.2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 13:00:32 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.421	65	384630	500.00	ug/L		-0.01
5) pentafluorobenzene	3.810	168	378481	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	542887	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	487515	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	239424	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	171414	52.78	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 105.56%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	196470	52.84	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 105.68%				
73) toluene-d8 (s)	5.472	98	623373	50.62	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.24%				
96) 4-bromofluorobenzene (s)	7.459	95	226712	50.26	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.52%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.468	59	1277	1.12	ug/L	#	45
7) dichlorodifluoromethane	1.005	85	625	0.17	ug/L	#	40
13) trichlorofluoromethane	1.540	101	762	0.16	ug/L	#	59
17) 1,1-dichloroethene	1.860	61	680	0.19	ug/L		99
18) acetone	2.253	58	520	0.89	ug/L	#	86
24) methyl tert butyl ether	2.405	73	1694	0.20	ug/L		73
25) trans-1,2-dichloroethene	2.326	61	689	0.19	ug/L		80
27) di-isopropyl ether	2.657	45	2204	0.21	ug/L		82
28) ethyl tert-butyl ether	2.908	59	2183	0.23	ug/L		82
29) 2-butanone	3.543	72	516	0.73	ug/L	#	1
30) 1,1-dichloroethane	2.741	63	944	0.19	ug/L		86
31) chloroprene	2.709	53	1101	0.24	ug/L		73
35) 2,2-dichloropropane	3.181	77	885	0.24	ug/L	#	50
36) cis-1,2-dichloroethene	3.102	96	599	0.22	ug/L		83
37) propionitrile	3.752	54	2063	2.07	ug/L		85
44) 1,1,1-trichloroethane	3.459	97	790	0.19	ug/L		72
45) cyclohexane	3.244	84	756	0.20	ug/L	#	79
46) 1,1-dichloropropene	3.548	75	800	0.22	ug/L	#	69
52) iso-octane	3.632	57	2128	0.21	ug/L		83
53) benzene	3.731	78	2286	0.21	ug/L		86
60) trichloroethene	4.203	130	615	0.19	ug/L	#	64
62) 2-chloroethyl vinyl ether	5.262	63	2385	0.99	ug/L		93
67) bromodichloromethane	4.717	83	851	0.22	ug/L		82
69) cis-1,3-dichloropropene	5.304	75	1000	0.21	ug/L		99
70) 4-methyl-2-pentanone	5.860	58	1647	0.72	ug/L	#	50
71) 3-methyl-1-butanol	5.729	70	839	3.70	ug/L	#	62
74) toluene	5.519	92	1438	0.21	ug/L	#	57
75) ethyl methacrylate	6.028	69	806	0.19	ug/L	#	61
76) trans-1,3-dichloropropene	5.881	75	967	0.21	ug/L	#	72
77) 1,1,2-trichloroethane	5.991	83	576	0.25	ug/L	#	60
78) tetrachloroethene	5.850	166	786	0.24	ug/L	#	58
79) 2-hexanone	6.489	58	1779	0.72	ug/L		90
80) 1,3-dichloropropane	6.201	76	1008	0.22	ug/L		60
81) butyl acetate	6.442	56	497	0.17	ug/L	#	53
82) dibromochloromethane	6.133	129	688	0.21	ug/L		84
83) 1,2-dibromoethane	6.285	107	654	0.22	ug/L		78
85) chlorobenzene	6.678	112	1822	0.22	ug/L		81
86) 1,1,1,2-tetrachloroethane	6.720	131	602	0.20	ug/L		96
87) ethylbenzene	6.704	91	3121	0.23	ug/L		84
88) m,p-xylene	6.809	106	1907	0.36	ug/L		96
89) o-xylene	7.087	106	1119	0.22	ug/L		87
90) styrene	7.124	104	1415	0.16	ug/L		75
92) butyl acrylate	7.229	55	1371	0.18	ug/L		92
93) isopropylbenzene	7.297	105	2681	0.20	ug/L		93
97) bromobenzene	7.522	156	658	0.19	ug/L	#	69

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4667.D
Acq On : 29 Apr 2023 9:57 pm
Operator : PrashanS
Sample : IC156-0.2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 13:00:32 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration

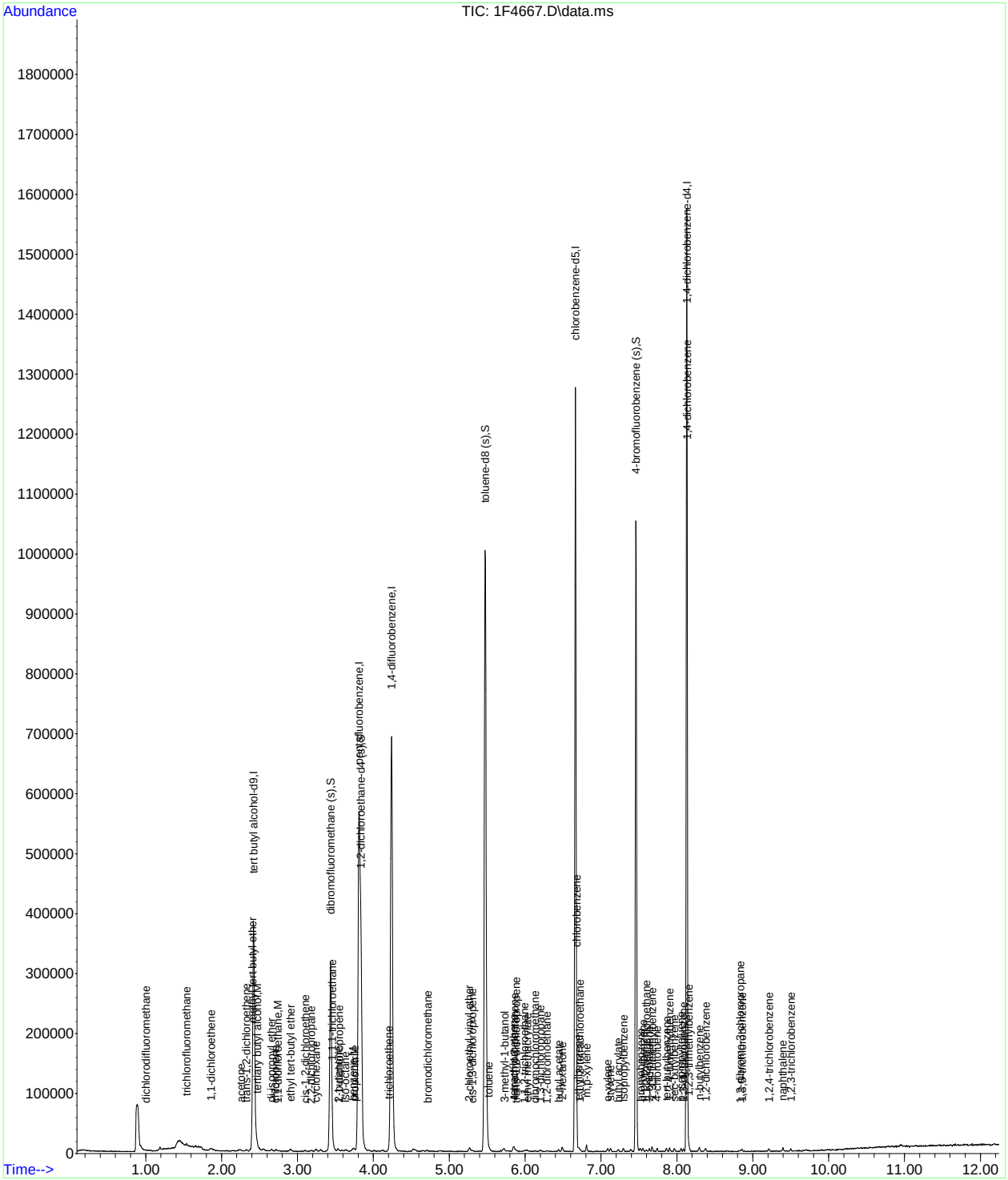
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98) 1,1,2,2-tetrachloroethane	7.596	83	886	0.22	ug/L		90
101) n-propylbenzene	7.554	91	3064	0.19	ug/L		94
102) 2-chlorotoluene	7.638	126	603	0.19	ug/L		94
103) 4-chlorotoluene	7.737	91	2134	0.22	ug/L		92
104) 1,3,5-trimethylbenzene	7.674	105	1940	0.17	ug/L		85
105) tert-butylbenzene	7.863	119	1778	0.18	ug/L		96
106) 1,2,4-trimethylbenzene	7.905	105	2244	0.19	ug/L		89
107) sec-butylbenzene	7.968	105	2849	0.20	ug/L		98
108) 1,3-dichlorobenzene	8.088	146	1547	0.23	ug/L		92
109) p-isopropyltoluene	8.057	119	2032	0.17	ug/L		90
110) 1,4-dichlorobenzene	8.136	146	1480m	0.23	ug/L		
111) 1,2-dichlorobenzene	8.382	146	1242	0.19	ug/L		87
112) 1,2,3-trimethylbenzene	8.157	105	2629	0.22	ug/L		95
113) n-butylbenzene	8.298	92	1188	0.19	ug/L		98
114) 1,2-dibromo-3-chloropr...	8.838	157	340	0.21	ug/L		90
115) 1,3,5-trichlorobenzene	8.859	180	941	0.20	ug/L	#	81
116) 1,2,4-trichlorobenzene	9.216	180	953	0.22	ug/L		79
118) naphthalene	9.394	128	2598	0.19	ug/L		96
119) 1,2,3-trichlorobenzene	9.504	180	804	0.19	ug/L		95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4667.D
Acq On : 29 Apr 2023 9:57 pm
Operator : PrashanS
Sample : IC156-0.2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 13:00:32 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration



Manual Integration Approval Summary

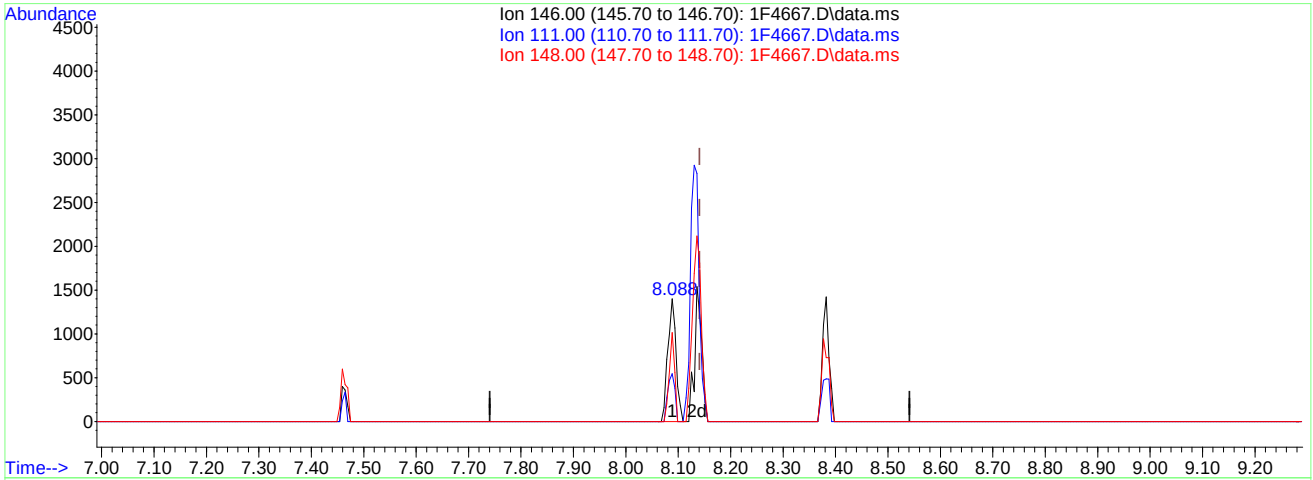
Sample Number:	V1F156-IC156	**Method:**	SW846 8260D
Lab FileID:	1F4667.D	**Analyst approved:**	05/01/23 13:43 MoHui Huang
Injection Time:	04/29/23 21:57	**Supervisor approved:**	05/01/23 19:46 Kanya Veerawat

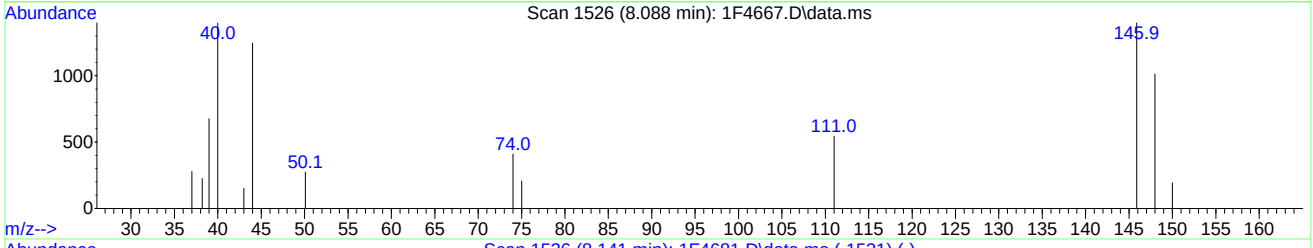
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dichlorobenzene	106-46-7		8.14	Missed peak

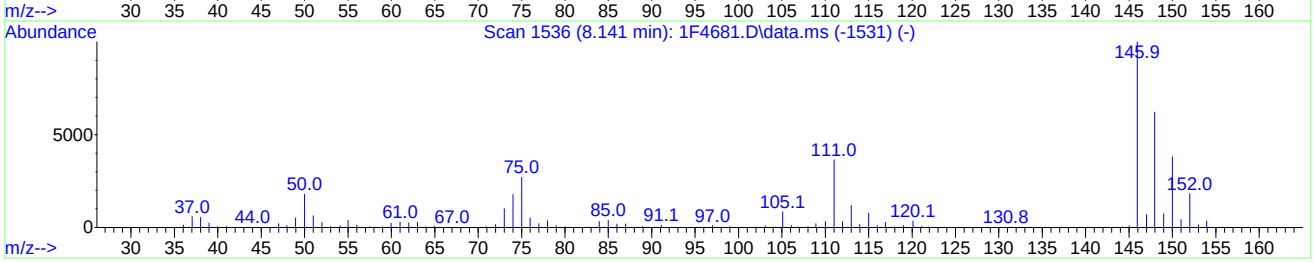
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4667.D
Acq On : 29 Apr 2023 9:57 pm
Operator : PrashanS
Sample : IC156-0.2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:51:48 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration







TIC: 1F4667.D\data.ms

(110) 1,4-dichlorobenzene

8.088min (-0.052) 0.24ug/L

response 1547

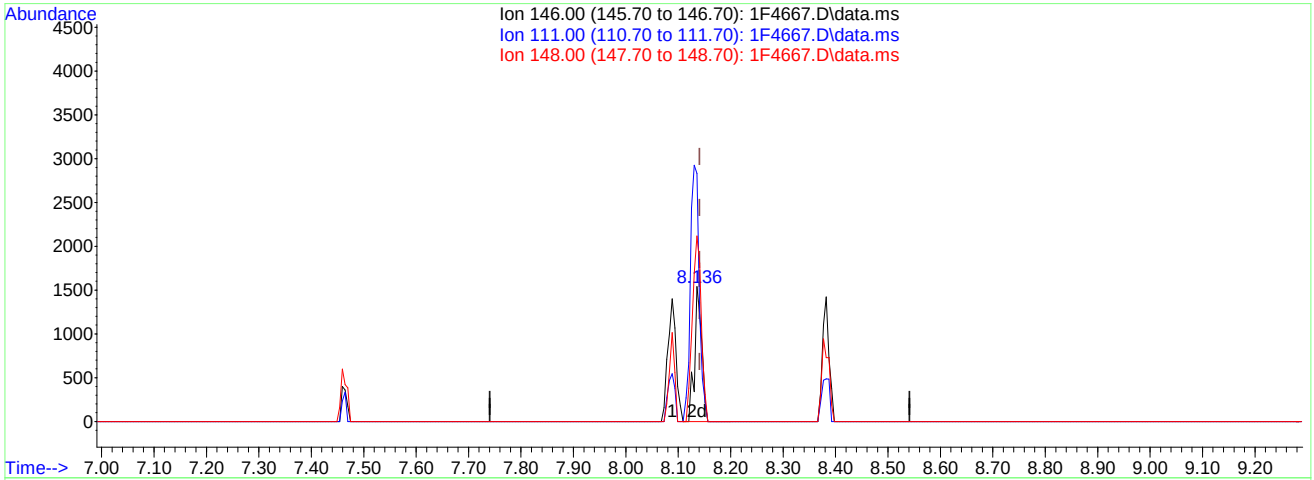
Ion	Exp%	Act%
146.00	100	100
111.00	36.40	38.96
148.00	62.00	72.41
0.00	0.00	0.00

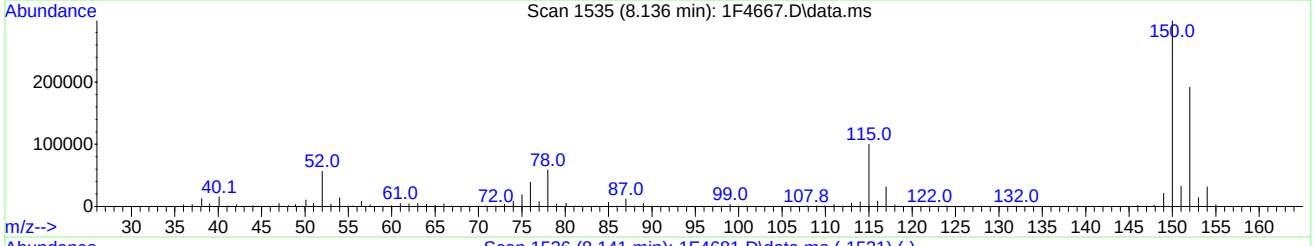
1F4667.D edits: 1,4-dichlorobenzene

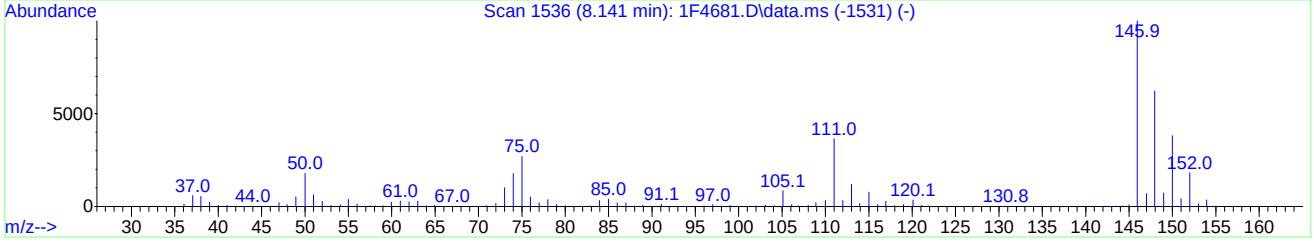
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4667.D
Acq On : 29 Apr 2023 9:57 pm
Operator : PrashanS
Sample : IC156-0.2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:57:24 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration







TIC: 1F4667.D\data.ms

(110) 1,4-dichlorobenzene

8.136min (-0.005) 0.23ug/L m

response 1480

Ion	Exp%	Act%
146.00	100	100
111.00	36.40	183.90#
148.00	62.00	137.53#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/01/23 19:46

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4669.D
Acq On : 29 Apr 2023 10:43 pm
Operator : PrashanS
Sample : IC156-0.5
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 08:36:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.415	65	373981	500.00	ug/L		-0.02
5) pentafluorobenzene	3.810	168	387839	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	555232	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	492571	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	245437	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	174835	52.53	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 105.06%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	200160	52.64	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 105.28%				
73) toluene-d8 (s)	5.472	98	637417	51.23	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.46%				
96) 4-bromofluorobenzene (s)	7.459	95	233348	50.46	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.92%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.468	59	2753	2.47	ug/L		70
6) chlorodifluoromethane	1.036	51	2581	0.56	ug/L		93
7) dichlorodifluoromethane	1.000	85	1820	0.49	ug/L		87
8) chloromethane	1.136	50	2088	0.59	ug/L		81
9) vinyl chloride	1.173	62	1723	0.50	ug/L		93
13) trichlorofluoromethane	1.540	101	2074	0.42	ug/L		92
14) ethyl ether	1.744	74	963	0.59	ug/L	#	55
15) acrolein	2.064	56	405	0.46	ug/L		89
16) freon 113	1.891	151	990	0.43	ug/L		84
17) 1,1-dichloroethene	1.854	61	1808	0.49	ug/L		97
18) acetone	2.253	58	1359	2.28	ug/L		98
21) carbon disulfide	1.870	76	4566	0.64	ug/L		90
22) methylene chloride	2.227	84	1278	0.50	ug/L		84
23) methyl acetate	2.337	74	404	0.48	ug/L	#	38
24) methyl tert butyl ether	2.400	73	4516	0.53	ug/L		92
25) trans-1,2-dichloroethene	2.326	61	2116	0.56	ug/L		82
26) hexane	2.389	57	3954	0.61	ug/L	#	60
27) di-isopropyl ether	2.667	45	5936	0.55	ug/L		79
28) ethyl tert-butyl ether	2.908	59	4747	0.49	ug/L		95
29) 2-butanone	3.527	72	1193	1.64	ug/L		91
30) 1,1-dichloroethane	2.730	63	2382	0.46	ug/L		86
31) chloroprene	2.714	53	2379	0.50	ug/L		90
32) acrylonitrile	2.761	52	809	0.42	ug/L		79
35) 2,2-dichloropropane	3.176	77	2042	0.55	ug/L		80
36) cis-1,2-dichloroethene	3.102	96	1385	0.50	ug/L		95
37) propionitrile	3.742	54	4981	4.87	ug/L		85
39) bromochloromethane	3.244	128	718	0.51	ug/L	#	71
41) chloroform	3.301	47	1004	0.65	ug/L		74
44) 1,1,1-trichloroethane	3.454	97	2013	0.46	ug/L		83
45) cyclohexane	3.244	84	1977	0.51	ug/L		83
46) 1,1-dichloropropene	3.543	75	1628	0.45	ug/L		81
47) carbon tetrachloride	3.396	117	2093	0.54	ug/L		87
48) isobutyl alcohol	3.925	43	1841	4.73	ug/L	#	72
52) iso-octane	3.632	57	5105	0.49	ug/L		84
53) benzene	3.731	78	5513	0.51	ug/L		92
54) tert-amyl methyl ether	3.836	73	4644	0.52	ug/L	#	47
55) heptane	3.726	57	933	0.47	ug/L	#	63
57) 1,2-dichloroethane	3.894	62	2891	0.65	ug/L		78
58) n-butyl alcohol	4.523	56	6156	22.25	ug/L	#	79
60) trichloroethene	4.203	130	1604	0.47	ug/L	#	63
62) 2-chloroethyl vinyl ether	5.262	63	5380	2.19	ug/L		94
64) 1,2-dichloropropane	4.644	63	1505	0.48	ug/L		64
65) methylcyclohexane	4.193	55	2333	0.52	ug/L		89
66) dibromomethane	4.555	93	1218	0.60	ug/L		86
67) bromodichloromethane	4.712	83	2244	0.56	ug/L		69

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4669.D
Acq On : 29 Apr 2023 10:43 pm
Operator : PrashanS
Sample : IC156-0.5
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 08:36:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration

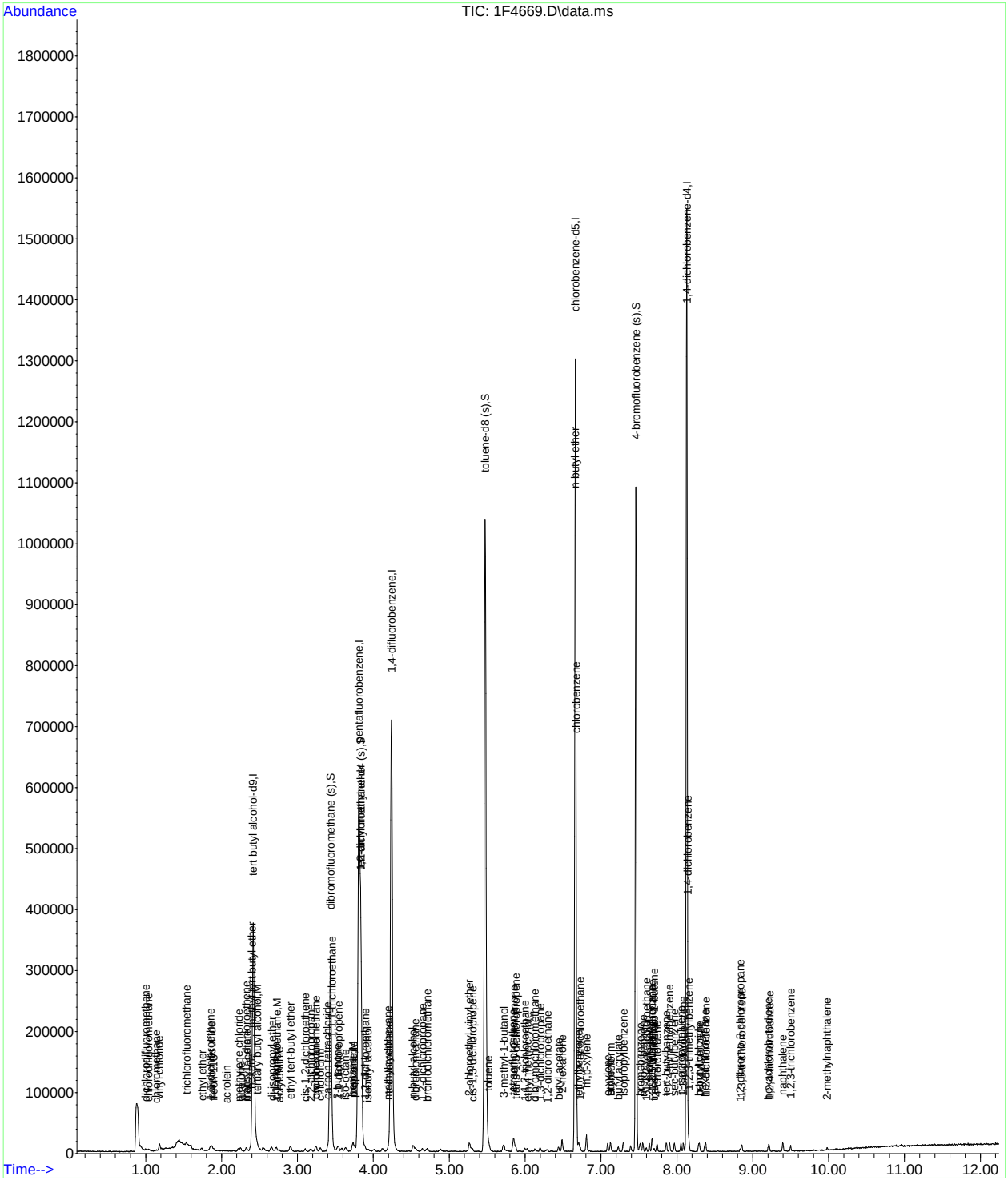
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69)	cis-1,3-dichloropropene	5.310	75	2459	0.51	ug/L		86
70)	4-methyl-2-pentanone	5.855	58	4240	1.82	ug/L	#	75
71)	3-methyl-1-butanol	5.719	70	1742	7.52	ug/L		95
74)	toluene	5.514	92	3777	0.54	ug/L		88
75)	ethyl methacrylate	6.033	69	1813	0.43	ug/L	#	73
76)	trans-1,3-dichloropropene	5.876	75	2348	0.50	ug/L		87
77)	1,1,2-trichloroethane	5.996	83	1121	0.48	ug/L	#	79
78)	tetrachloroethene	5.839	166	1608	0.48	ug/L		84
79)	2-hexanone	6.489	58	4640	1.87	ug/L		96
80)	1,3-dichloropropane	6.201	76	2135	0.47	ug/L		83
81)	butyl acetate	6.442	56	1461	0.49	ug/L	#	58
82)	dibromochloromethane	6.127	129	1638	0.50	ug/L		97
83)	1,2-dibromoethane	6.295	107	1722	0.56	ug/L		89
84)	n-butyl ether	6.657	57	6697m	0.50	ug/L		
85)	chlorobenzene	6.673	112	4105	0.49	ug/L	#	71
86)	1,1,1,2-tetrachloroethane	6.725	131	1330	0.45	ug/L		83
87)	ethylbenzene	6.704	91	6812	0.49	ug/L		85
88)	m,p-xylene	6.809	106	4781	0.89	ug/L		94
89)	o-xylene	7.087	106	2483	0.48	ug/L		95
90)	styrene	7.124	104	3852	0.43	ug/L		96
91)	bromoform	7.129	173	1207	0.47	ug/L		94
92)	butyl acrylate	7.229	55	3498	0.44	ug/L		93
93)	isopropylbenzene	7.297	105	6169	0.46	ug/L		95
97)	bromobenzene	7.517	156	1812	0.50	ug/L		98
98)	1,1,2,2-tetrachloroethane	7.596	83	2186	0.52	ug/L		89
99)	trans-1,4-dichloro-2-b...	7.700	53	629	0.40	ug/L		97
100)	1,2,3-trichloropropane	7.669	110	745	0.51	ug/L		90
101)	n-propylbenzene	7.554	91	7327	0.45	ug/L		91
102)	2-chlorotoluene	7.637	126	1602	0.48	ug/L		90
103)	4-chlorotoluene	7.737	91	4410	0.45	ug/L		85
104)	1,3,5-trimethylbenzene	7.674	105	5519	0.47	ug/L		92
105)	tert-butylbenzene	7.858	119	4904	0.49	ug/L		98
106)	1,2,4-trimethylbenzene	7.900	105	5349	0.44	ug/L		94
107)	sec-butylbenzene	7.968	105	5996	0.42	ug/L		95
108)	1,3-dichlorobenzene	8.083	146	3108	0.45	ug/L		94
109)	p-isopropyltoluene	8.052	119	5612	0.45	ug/L		94
110)	1,4-dichlorobenzene	8.141	146	3475	0.52	ug/L		84
111)	1,2-dichlorobenzene	8.382	146	3395	0.50	ug/L		96
112)	1,2,3-trimethylbenzene	8.157	105	5924	0.49	ug/L		89
113)	n-butylbenzene	8.298	92	2766	0.43	ug/L		90
114)	1,2-dibromo-3-chloropr...	8.833	157	792	0.48	ug/L		95
115)	1,3,5-trichlorobenzene	8.854	180	2273	0.46	ug/L		81
116)	1,2,4-trichlorobenzene	9.221	180	1730	0.39	ug/L		97
117)	hexachlorobutadiene	9.205	225	651	0.39	ug/L		84
118)	naphthalene	9.394	128	5970	0.43	ug/L		95
119)	1,2,3-trichlorobenzene	9.499	180	1705	0.40	ug/L		82
120)	hexachloroethane	8.371	119	827	0.42	ug/L		92
121)	benzyl chloride	8.288	126	775	0.44	ug/L		92
122)	2-methylnaphthalene	9.981	142	1335	0.28	ug/L		95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4669.D
Acq On : 29 Apr 2023 10:43 pm
Operator : PrashanS
Sample : IC156-0.5
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 08:36:29 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration



Manual Integration Approval Summary

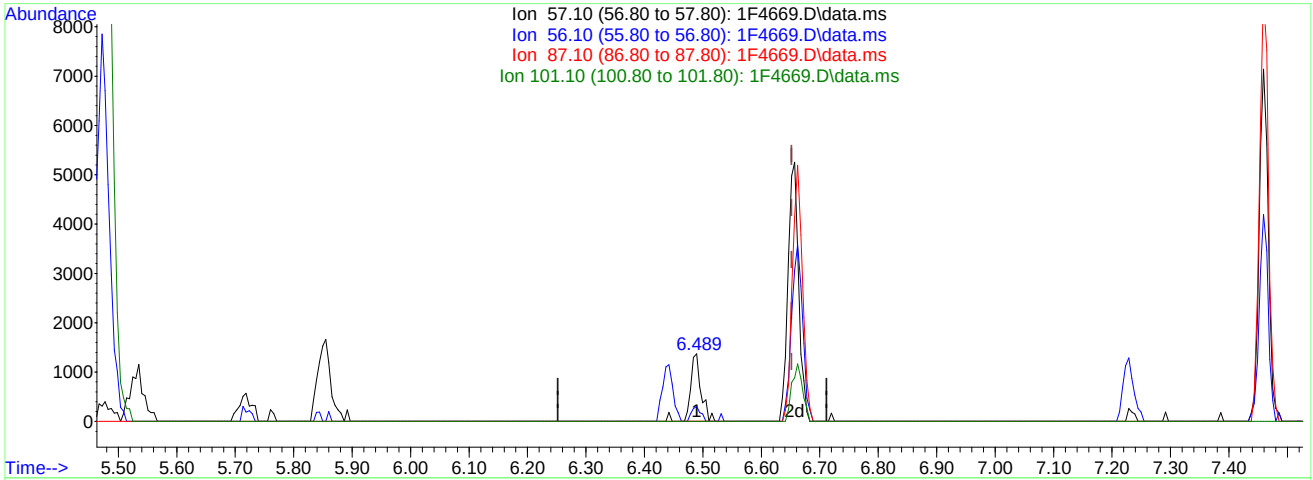
Sample Number:	V1F156-IC156	**Method:**	SW846 8260D
Lab FileID:	1F4669.D	**Analyst approved:**	05/01/23 13:43 MoHui Huang
Injection Time:	04/29/23 22:43	**Supervisor approved:**	05/01/23 19:46 Kanya Veerawat

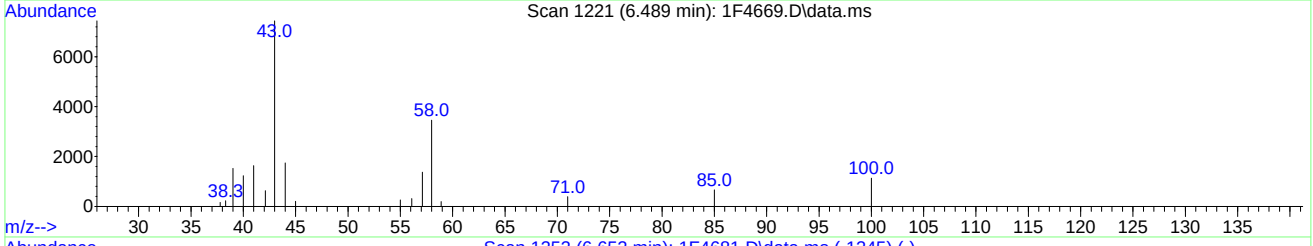
Parameter	CAS	Sig#	R.T. (min.)	Reason
n-Butyl Ether	142-96-1		6.66	Missed peak

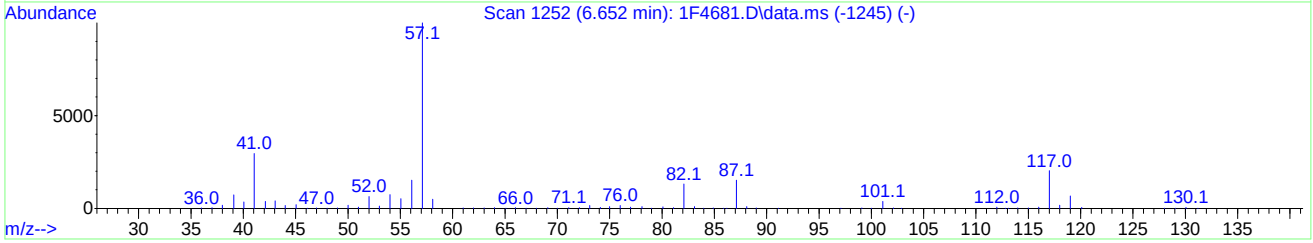
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4669.D
Acq On : 29 Apr 2023 10:43 pm
Operator : PrashanS
Sample : IC156-0.5
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 13:00:07 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration







TIC: 1F4669.D\data.ms

(84) n-butyl ether

6.489min (-0.162) 0.12ug/L

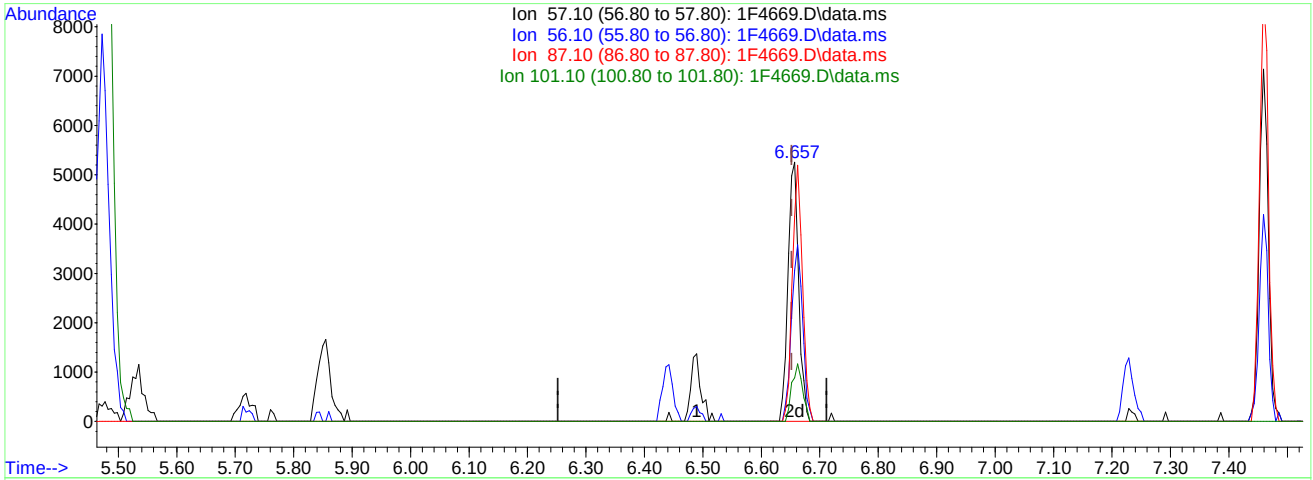
response 1637

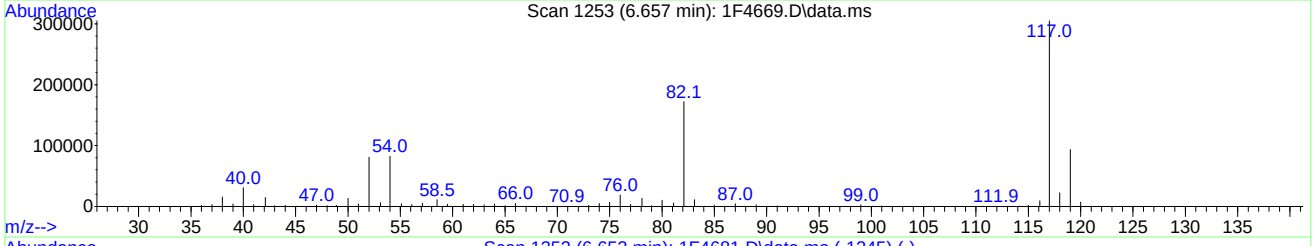
Ion	Exp%	Act%
57.10	100	100
56.10	15.20	22.44
87.10	15.10	0.00
101.10	3.80	0.00

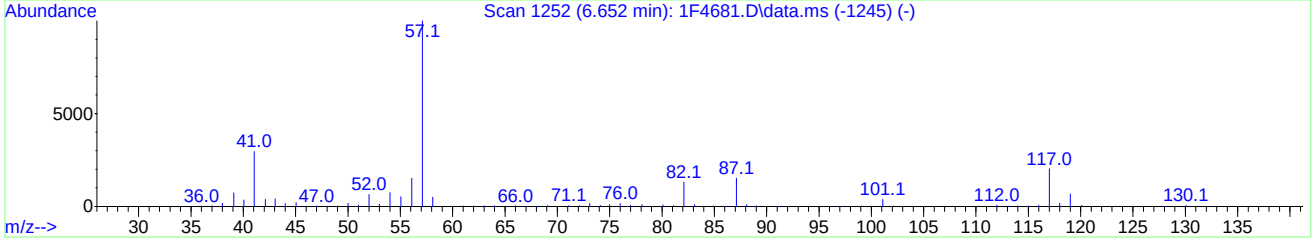
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4669.D
Acq On : 29 Apr 2023 10:43 pm
Operator : PrashanS
Sample : IC156-0.5
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 13:00:07 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:50:34 2023
Response via : Initial Calibration







TIC: 1F4669.D\data.ms

(84) n-butyl ether

6.657min (+0.005) 0.50ug/L m

response 6697

Ion	Exp%	Act%
57.10	100	100
56.10	15.20	58.30#
87.10	15.10	79.13#
101.10	3.80	16.80

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/01/23 19:46

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 08:36:49 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.415	65	362174	500.00	ug/L	-0.02
5) pentafluorobenzene	3.810	168	381457	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	547224	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	490148	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	237094	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	171403	50.57	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 101.14%			
51) 1,2-dichloroethane-d4 (s)	3.836	65	198753	51.16	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 102.32%			
73) toluene-d8 (s)	5.472	98	625206	49.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.76%			
96) 4-bromofluorobenzene (s)	7.459	95	225507	50.24	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.48%			
Target Compounds						Qvalue
3) tertiary butyl alcohol	2.463	59	6195	5.55	ug/L	93
4) 1,4-dioxane	4.895	88	2118	26.83	ug/L #	61
6) chlorodifluoromethane	1.036	51	5568	1.16	ug/L	96
7) dichlorodifluoromethane	0.995	85	4657	1.35	ug/L	89
8) chloromethane	1.136	50	4309	1.13	ug/L	97
9) vinyl chloride	1.168	62	3652	1.08	ug/L	99
11) bromomethane	1.372	96	1153	1.00	ug/L #	95
12) chloroethane	1.445	64	3337	1.80	ug/L	75
13) trichlorofluoromethane	1.535	101	5019	1.18	ug/L	97
14) ethyl ether	1.734	74	1709	0.98	ug/L	84
15) acrolein	2.059	56	1070	1.29	ug/L	87
16) freon 113	1.875	151	2454	1.17	ug/L	91
17) 1,1-dichloroethene	1.849	61	4021	1.13	ug/L	96
18) acetone	2.248	58	3140	4.93	ug/L	97
19) acetonitrile	2.546	41	10577	12.22	ug/L	95
21) carbon disulfide	1.865	76	8759	1.09	ug/L	97
22) methylene chloride	2.216	84	2960	1.18	ug/L	89
23) methyl acetate	2.337	74	778	0.95	ug/L #	47
24) methyl tert butyl ether	2.400	73	9043	1.05	ug/L	96
25) trans-1,2-dichloroethene	2.321	61	4432	1.17	ug/L	95
26) hexane	2.384	57	7068	1.00	ug/L	88
27) di-isopropyl ether	2.651	45	11236	1.01	ug/L	92
28) ethyl tert-butyl ether	2.903	59	10338	1.04	ug/L	89
29) 2-butanone	3.527	72	3138	4.83	ug/L #	76
30) 1,1-dichloroethane	2.730	63	5911	1.22	ug/L	94
31) chloroprene	2.709	53	5169	1.04	ug/L	90
32) acrylonitrile	2.756	52	2013	1.15	ug/L #	72
34) ethyl acetate	3.406	70	646	1.04	ug/L #	66
35) 2,2-dichloropropane	3.176	77	4483	1.11	ug/L	91
36) cis-1,2-dichloroethene	3.102	96	2756	0.97	ug/L #	81
37) propionitrile	3.742	54	10998	10.91	ug/L	92
38) methyl acrylate	3.401	85	787	1.11	ug/L #	50
39) bromochloromethane	3.244	128	1574	1.13	ug/L #	86
41) chloroform	3.296	47	2017	1.16	ug/L	90
43) methacrylonitrile	3.768	67	2319	1.21	ug/L #	64
44) 1,1,1-trichloroethane	3.443	97	5041	1.24	ug/L	86
45) cyclohexane	3.249	84	4005	1.04	ug/L #	68
46) 1,1-dichloropropene	3.543	75	3917	1.09	ug/L	92
47) carbon tetrachloride	3.396	117	4465	1.13	ug/L	95
48) isobutyl alcohol	3.936	43	3895	10.45	ug/L #	80
49) tert-amyl alcohol	4.009	55	2111	5.74	ug/L #	70
52) iso-octane	3.637	57	11272	1.09	ug/L	97
53) benzene	3.731	78	11736	1.06	ug/L	95
54) tert-amyl methyl ether	3.836	73	9901	1.10	ug/L	79
55) heptane	3.726	57	2217	1.16	ug/L #	61

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 08:36:49 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	isopropyl acetate	4.114	87	847	0.94	ug/L		99
57)	1,2-dichloroethane	3.889	62	5706	1.13	ug/L		90
58)	n-butyl alcohol	4.523	56	13436	52.14	ug/L		92
59)	ethyl acrylate	4.696	55	6600	1.07	ug/L		89
60)	trichloroethene	4.209	130	3299	1.03	ug/L		84
62)	2-chloroethyl vinyl ether	5.268	63	11911	5.14	ug/L		96
63)	methyl methacrylate	4.869	100	973	0.96	ug/L	#	31
64)	1,2-dichloropropane	4.644	63	3403	1.12	ug/L		97
65)	methylcyclohexane	4.203	55	4498	1.00	ug/L		89
66)	dibromomethane	4.555	93	2295	1.04	ug/L		87
67)	bromodichloromethane	4.712	83	4271	1.01	ug/L		86
69)	cis-1,3-dichloropropene	5.299	75	5287	1.08	ug/L		82
70)	4-methyl-2-pentanone	5.855	58	8935	4.14	ug/L		96
71)	3-methyl-1-butanol	5.713	70	4021	19.73	ug/L		95
74)	toluene	5.519	92	7699	1.07	ug/L		99
75)	ethyl methacrylate	6.028	69	4533	1.15	ug/L		89
76)	trans-1,3-dichloropropene	5.876	75	5148	1.09	ug/L		92
77)	1,1,2-trichloroethane	5.996	83	2771	1.11	ug/L		95
78)	tetrachloroethene	5.839	166	3532	1.01	ug/L		90
79)	2-hexanone	6.484	58	10023	4.29	ug/L		92
80)	1,3-dichloropropane	6.196	76	5355	1.16	ug/L		85
81)	butyl acetate	6.437	56	3243	1.16	ug/L	#	69
82)	dibromochloromethane	6.133	129	3664	1.10	ug/L		87
83)	1,2-dibromoethane	6.290	107	3715	1.14	ug/L		97
84)	n-butyl ether	6.652	57	13351	1.00	ug/L		64
85)	chlorobenzene	6.673	112	9352	1.09	ug/L		74
86)	1,1,1,2-tetrachloroethane	6.725	131	3284	1.14	ug/L		87
87)	ethylbenzene	6.704	91	14214	0.99	ug/L		97
88)	m,p-xylene	6.809	106	10938	2.21	ug/L		93
89)	o-xylene	7.087	106	5524	1.05	ug/L		86
90)	styrene	7.124	104	8585	1.09	ug/L		95
91)	bromoform	7.129	173	2627	1.06	ug/L		92
92)	butyl acrylate	7.229	55	7213	1.00	ug/L		93
93)	isopropylbenzene	7.297	105	13336	1.02	ug/L		96
94)	cis-1,4-dichloro-2-butene	7.506	88	1679	0.87	ug/L	#	85
97)	bromobenzene	7.522	156	3683	1.08	ug/L		94
98)	1,1,2,2-tetrachloroethane	7.596	83	4954	1.17	ug/L		92
99)	trans-1,4-dichloro-2-b...	7.700	53	1742	1.27	ug/L	#	58
100)	1,2,3-trichloropropane	7.669	110	1595	1.11	ug/L		75
101)	n-propylbenzene	7.554	91	16573	1.10	ug/L		98
102)	2-chlorotoluene	7.637	126	3387	1.10	ug/L		87
103)	4-chlorotoluene	7.737	91	10606	1.11	ug/L		96
104)	1,3,5-trimethylbenzene	7.674	105	11244	1.07	ug/L		96
105)	tert-butylbenzene	7.858	119	10438	1.12	ug/L		97
106)	1,2,4-trimethylbenzene	7.905	105	11757	1.07	ug/L		95
107)	sec-butylbenzene	7.968	105	14114	1.07	ug/L		92
108)	1,3-dichlorobenzene	8.088	146	7046	1.04	ug/L		94
109)	p-isopropyltoluene	8.052	119	11737	1.07	ug/L		96
110)	1,4-dichlorobenzene	8.136	146	7127m	1.04	ug/L		
111)	1,2-dichlorobenzene	8.382	146	7233	1.13	ug/L		95
112)	1,2,3-trimethylbenzene	8.157	105	12392	1.03	ug/L		99
113)	n-butylbenzene	8.298	92	5701	0.98	ug/L		97
114)	1,2-dibromo-3-chloropr...	8.838	157	1570	0.98	ug/L		99
115)	1,3,5-trichlorobenzene	8.854	180	4807	1.05	ug/L		96
116)	1,2,4-trichlorobenzene	9.216	180	4326	1.05	ug/L		83
117)	hexachlorobutadiene	9.205	225	1648	1.16	ug/L		85
118)	naphthalene	9.394	128	12757	1.01	ug/L		98
119)	1,2,3-trichlorobenzene	9.499	180	3970	1.04	ug/L		94
120)	hexachloroethane	8.366	119	1642	0.94	ug/L		91
121)	benzyl chloride	8.282	126	1786	1.12	ug/L		94
122)	2-methylnaphthalene	9.981	142	3396	0.70	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 08:36:49 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration

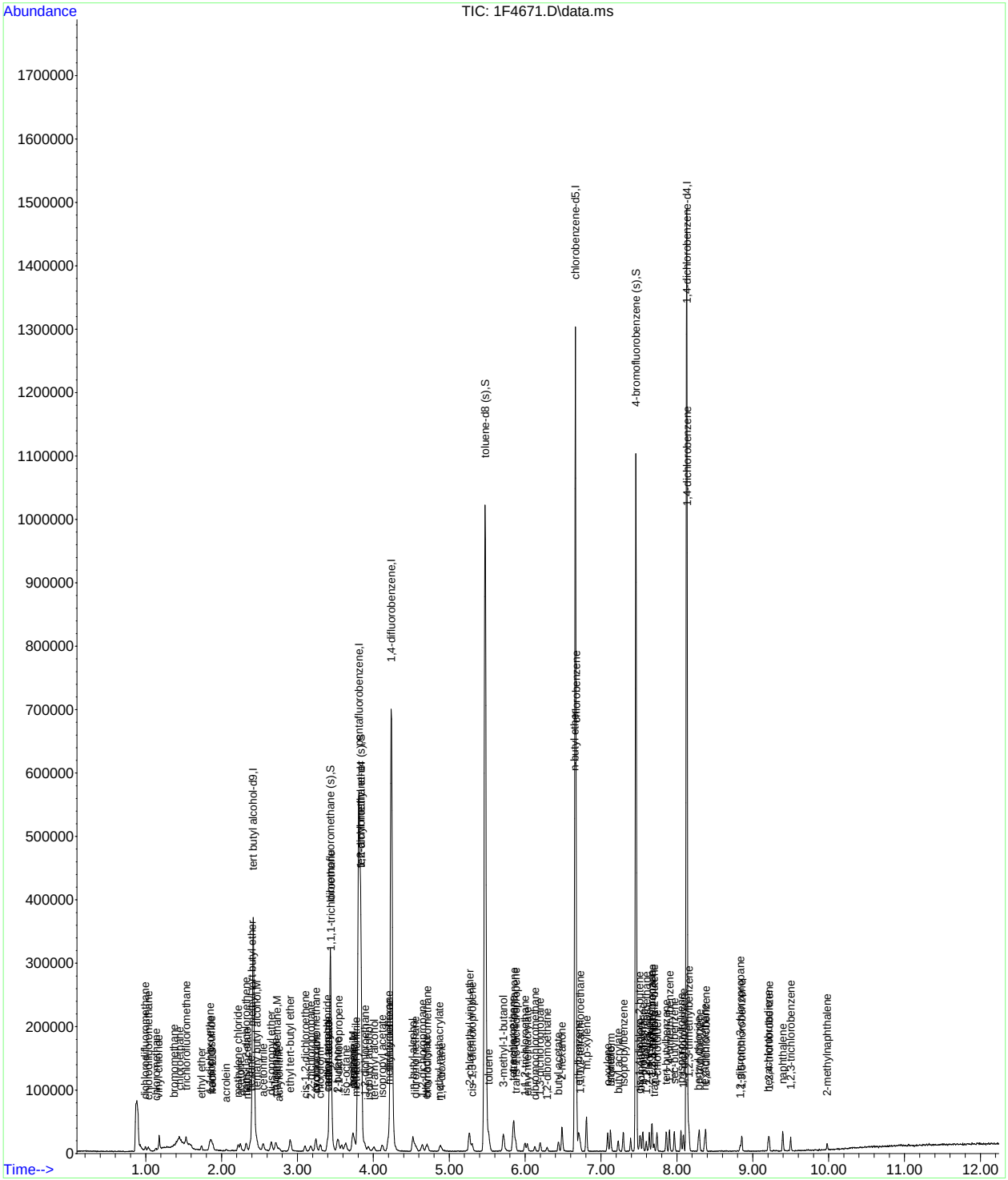
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 08:36:49 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration



Manual Integration Approval Summary

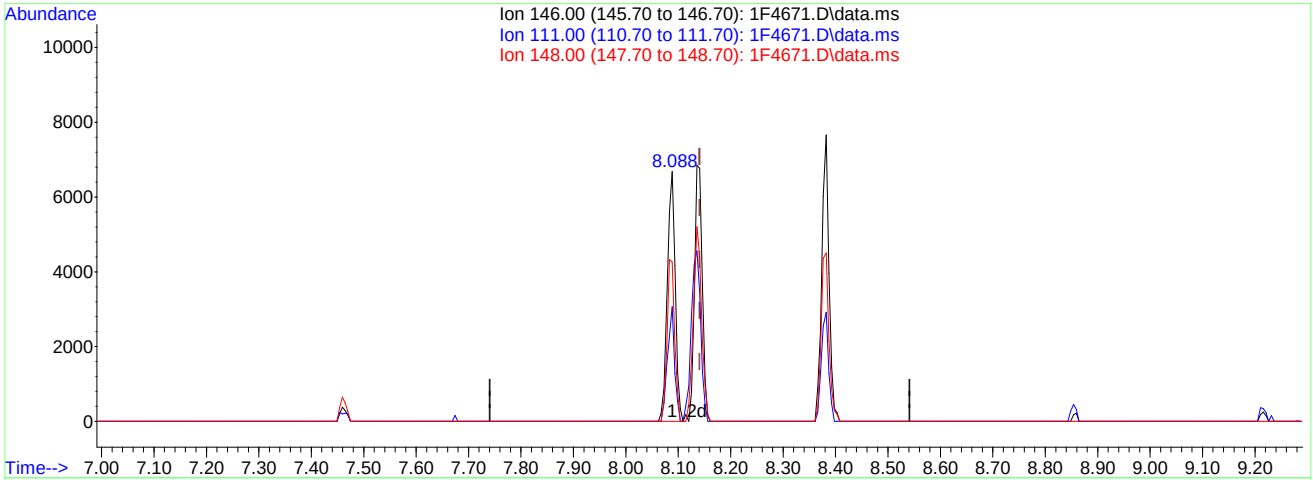
Sample Number:	V1F156-IC156	**Method:**	SW846 8260D
Lab FileID:	1F4671.D	**Analyst approved:**	05/01/23 13:43 MoHui Huang
Injection Time:	04/29/23 23:24	**Supervisor approved:**	05/01/23 19:46 Kanya Veerawat

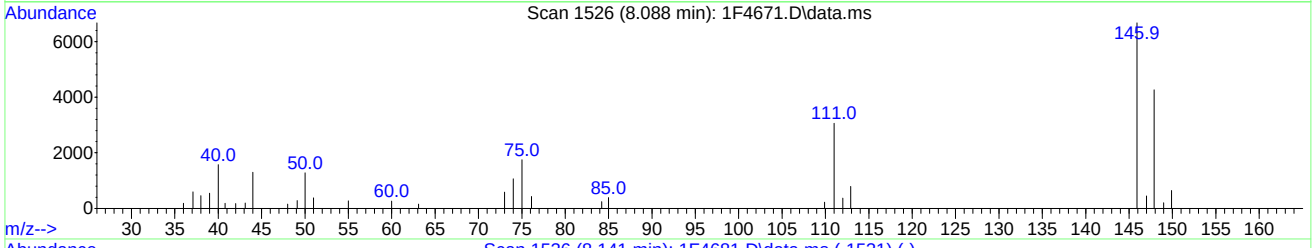
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dichlorobenzene	106-46-7		8.14	Missed peak

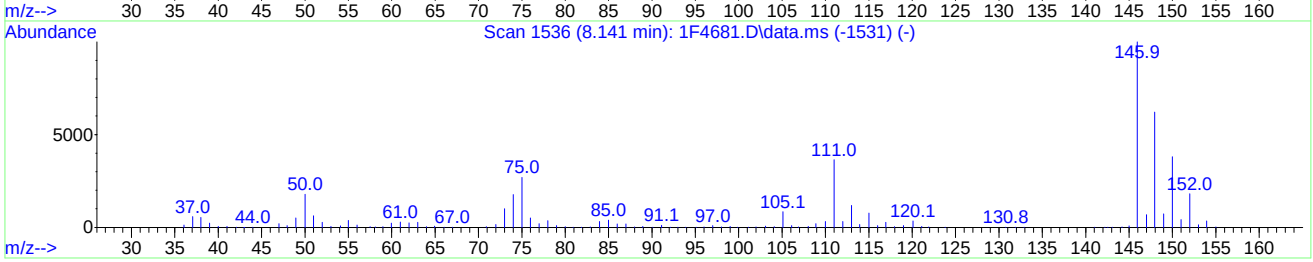
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 13:07:53 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration







TIC: 1F4671.D\data.ms

(110) 1,4-dichlorobenzene

8.088min (-0.052) 1.03ug/L

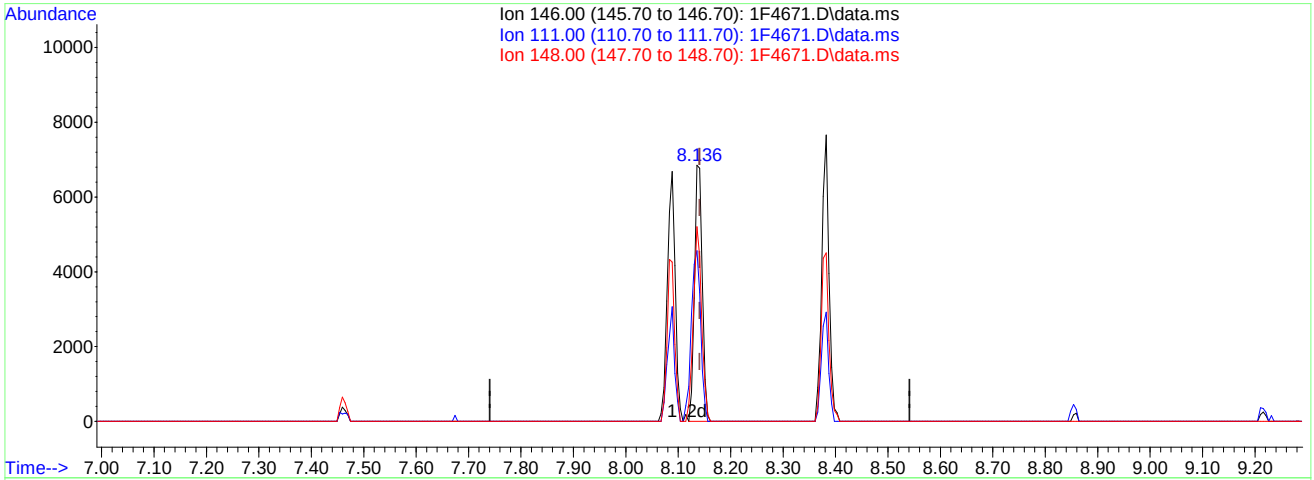
response 7046

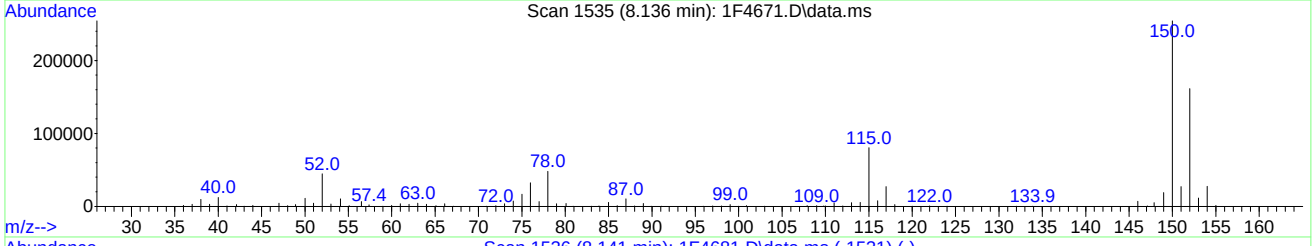
Ion	Exp%	Act%
146.00	100	100
111.00	36.40	45.85
148.00	62.00	63.80
0.00	0.00	0.00

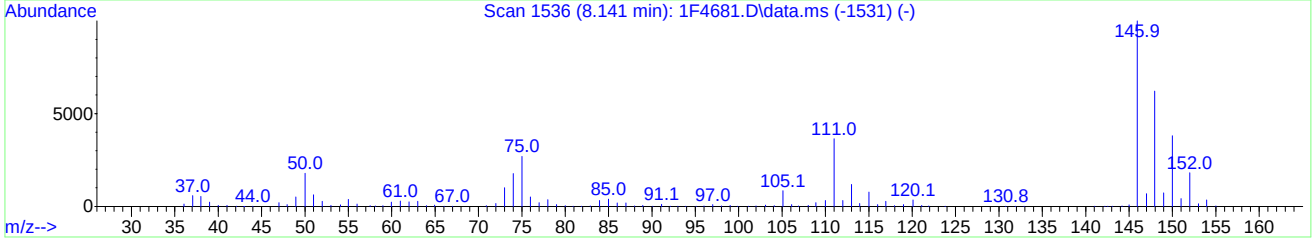
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4671.D
Acq On : 29 Apr 2023 11:24 pm
Operator : PrashanS
Sample : IC156-1
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 13:08:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:03:32 2023
Response via : Initial Calibration







TIC: 1F4671.D\data.ms

(110) 1,4-dichlorobenzene

8.136min (-0.005) 1.04ug/L m

response 7127

Ion	Exp%	Act%
146.00	100	100
111.00	36.40	66.64#
148.00	62.00	76.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4673.D
Acq On : 30 Apr 2023 12:04 am
Operator : PrashanS
Sample : IC156-2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 08:37:09 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:10:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.421	65	362706	500.00	ug/L		-0.01
5) pentafluorobenzene	3.810	168	382564	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	540458	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	476409	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	229768	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.433	113	172458	50.59	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 101.18%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	188662	48.89	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 97.78%				
73) toluene-d8 (s)	5.472	98	624164	51.27	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.54%				
96) 4-bromofluorobenzene (s)	7.459	95	222192	51.02	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 102.04%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.468	59	11166	9.73	ug/L		82
4) 1,4-dioxane	4.901	88	4332	52.86	ug/L		81
6) chlorodifluoromethane	1.037	51	9536	1.88	ug/L		97
7) dichlorodifluoromethane	1.000	85	7169	1.90	ug/L		98
8) chloromethane	1.136	50	7861	1.97	ug/L		93
9) vinyl chloride	1.173	62	6306	1.81	ug/L		98
10) 1,3-butadiene	1.183	39	7750	2.14	ug/L		97
11) bromomethane	1.372	96	1853	1.61	ug/L	#	75
12) chloroethane	1.451	64	5276	2.03	ug/L		92
13) trichlorofluoromethane	1.540	101	9220	2.07	ug/L		88
14) ethyl ether	1.739	74	3198	1.83	ug/L	#	79
15) acrolein	2.064	56	1738	1.90	ug/L		84
16) freon 113	1.886	151	4752	2.14	ug/L		95
17) 1,1-dichloroethene	1.849	61	6865	1.87	ug/L		95
18) acetone	2.253	58	5216	7.72	ug/L	#	78
19) acetonitrile	2.547	41	19608	20.33	ug/L		98
20) iodomethane	1.938	142	1600	1.19	ug/L		86
21) carbon disulfide	1.865	76	15149	1.83	ug/L		95
22) methylene chloride	2.221	84	5253	1.97	ug/L		94
23) methyl acetate	2.337	74	1563	1.94	ug/L	#	50
24) methyl tert butyl ether	2.400	73	16348	1.87	ug/L		98
25) trans-1,2-dichloroethene	2.321	61	7421	1.87	ug/L		95
26) hexane	2.379	57	13135	1.85	ug/L		88
27) di-isopropyl ether	2.657	45	21587	1.93	ug/L		95
28) ethyl tert-butyl ether	2.903	59	17965	1.78	ug/L		94
29) 2-butanone	3.527	72	5968	8.70	ug/L	#	78
30) 1,1-dichloroethane	2.730	63	10205	1.99	ug/L		96
31) chloroprene	2.714	53	9479	1.88	ug/L		92
32) acrylonitrile	2.756	52	3392	1.84	ug/L		95
33) vinyl acetate	2.903	86	959	2.81	ug/L	#	33
34) ethyl acetate	3.406	70	1183	1.86	ug/L	#	70
35) 2,2-dichloropropane	3.181	77	7458	1.79	ug/L		96
36) cis-1,2-dichloroethene	3.102	96	5710	2.02	ug/L		96
37) propionitrile	3.742	54	19715	19.06	ug/L		93
38) methyl acrylate	3.396	85	1191	1.59	ug/L		97
39) bromochloromethane	3.239	128	2793	1.92	ug/L		94
40) tetrahydrofuran	3.412	71	1788	2.29	ug/L	#	62
41) chloroform	3.302	47	3193	1.74	ug/L		93
43) methacrylonitrile	3.763	67	4095	1.93	ug/L	#	74
44) 1,1,1-trichloroethane	3.448	97	8506	1.97	ug/L		95
45) cyclohexane	3.249	84	6668	1.71	ug/L		90
46) 1,1-dichloropropene	3.543	75	7208	1.95	ug/L		93
47) carbon tetrachloride	3.401	117	7994	1.93	ug/L		92
48) isobutyl alcohol	3.931	43	6902	18.20	ug/L		89
49) tert-amyl alcohol	4.004	55	4149	10.47	ug/L	#	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4673.D
Acq On : 30 Apr 2023 12:04 am
Operator : PrashanS
Sample : IC156-2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 08:37:09 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:10:27 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	iso-octane	3.632	57	20574	1.96	ug/L		93
53)	benzene	3.731	78	21010	1.90	ug/L		95
54)	tert-amyl methyl ether	3.836	73	17340	1.89	ug/L		95
55)	heptane	3.726	57	3871	1.95	ug/L	#	70
56)	isopropyl acetate	4.119	87	1863	2.16	ug/L	#	47
57)	1,2-dichloroethane	3.889	62	9610	1.85	ug/L		99
58)	n-butyl alcohol	4.523	56	26258	101.72	ug/L		97
59)	ethyl acrylate	4.696	55	11343	1.80	ug/L		99
60)	trichloroethene	4.209	130	6675	2.09	ug/L		85
62)	2-chloroethyl vinyl ether	5.268	63	22411	9.73	ug/L		95
63)	methyl methacrylate	4.885	100	1929	1.97	ug/L	#	85
64)	1,2-dichloropropane	4.649	63	6114	1.96	ug/L		92
65)	methylcyclohexane	4.193	55	8599	1.93	ug/L		95
66)	dibromomethane	4.560	93	4023	1.83	ug/L		91
67)	bromodichloromethane	4.717	83	7784	1.86	ug/L		87
69)	cis-1,3-dichloropropene	5.299	75	9493	1.93	ug/L		91
70)	4-methyl-2-pentanone	5.850	58	16071	7.48	ug/L		92
71)	3-methyl-1-butanol	5.713	70	8777	43.75	ug/L	#	78
74)	toluene	5.519	92	13670	1.91	ug/L		87
75)	ethyl methacrylate	6.028	69	7390	1.86	ug/L		94
76)	trans-1,3-dichloropropene	5.876	75	8623	1.84	ug/L		94
77)	1,1,2-trichloroethane	5.996	83	4582	1.84	ug/L		94
78)	tetrachloroethene	5.839	166	6548	1.93	ug/L		100
79)	2-hexanone	6.484	58	17626	7.62	ug/L		97
80)	1,3-dichloropropane	6.201	76	9731	2.08	ug/L		94
81)	butyl acetate	6.437	56	5315	1.88	ug/L	#	82
82)	dibromochloromethane	6.128	129	6511	1.96	ug/L		87
83)	1,2-dibromoethane	6.290	107	6281	1.92	ug/L		100
84)	n-butyl ether	6.652	57	24421	1.89	ug/L		78
85)	chlorobenzene	6.678	112	16274	1.91	ug/L		93
86)	1,1,1,2-tetrachloroethane	6.725	131	5216	1.80	ug/L		83
87)	ethylbenzene	6.704	91	26046	1.87	ug/L		97
88)	m,p-xylene	6.809	106	19918	4.03	ug/L		97
89)	o-xylene	7.087	106	9757	1.89	ug/L		100
90)	styrene	7.124	104	16076	2.06	ug/L		99
91)	bromoform	7.129	173	4811	1.96	ug/L		90
92)	butyl acrylate	7.223	55	13789	1.96	ug/L		98
93)	isopropylbenzene	7.291	105	24715	1.94	ug/L		96
94)	cis-1,4-dichloro-2-butene	7.506	88	3050	1.74	ug/L		90
97)	bromobenzene	7.517	156	6756	2.00	ug/L		92
98)	1,1,2,2-tetrachloroethane	7.596	83	8997	2.11	ug/L		92
99)	trans-1,4-dichloro-2-b...	7.695	53	2848	1.96	ug/L		83
100)	1,2,3-trichloropropane	7.669	110	2808	1.95	ug/L		86
101)	n-propylbenzene	7.548	91	29682	1.98	ug/L		100
102)	2-chlorotoluene	7.638	126	6583	2.15	ug/L		90
103)	4-chlorotoluene	7.737	91	19374	2.04	ug/L		97
104)	1,3,5-trimethylbenzene	7.674	105	21209	2.05	ug/L		97
105)	tert-butylbenzene	7.863	119	17484	1.88	ug/L		96
106)	1,2,4-trimethylbenzene	7.905	105	21595	1.99	ug/L		96
107)	sec-butylbenzene	7.968	105	24549	1.89	ug/L		97
108)	1,3-dichlorobenzene	8.088	146	12026	1.81	ug/L		99
109)	p-isopropyltoluene	8.052	119	21754	2.01	ug/L		92
110)	1,4-dichlorobenzene	8.141	146	12666	1.89	ug/L		94
111)	1,2-dichlorobenzene	8.382	146	12175	1.90	ug/L		95
112)	1,2,3-trimethylbenzene	8.157	105	23054	1.96	ug/L		96
113)	n-butylbenzene	8.298	92	11327	2.02	ug/L		96
114)	1,2-dibromo-3-chloropr...	8.838	157	3128	2.03	ug/L		89
115)	1,3,5-trichlorobenzene	8.854	180	9263	2.05	ug/L		95
116)	1,2,4-trichlorobenzene	9.216	180	7699	1.91	ug/L		90
117)	hexachlorobutadiene	9.205	225	2907	2.00	ug/L		98
118)	naphthalene	9.394	128	23828	1.94	ug/L		97
119)	1,2,3-trichlorobenzene	9.499	180	7744	2.08	ug/L		95
120)	hexachloroethane	8.366	119	2887	1.74	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4673.D
Acq On : 30 Apr 2023 12:04 am
Operator : PrashanS
Sample : IC156-2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 08:37:09 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:10:27 2023
Response via : Initial Calibration

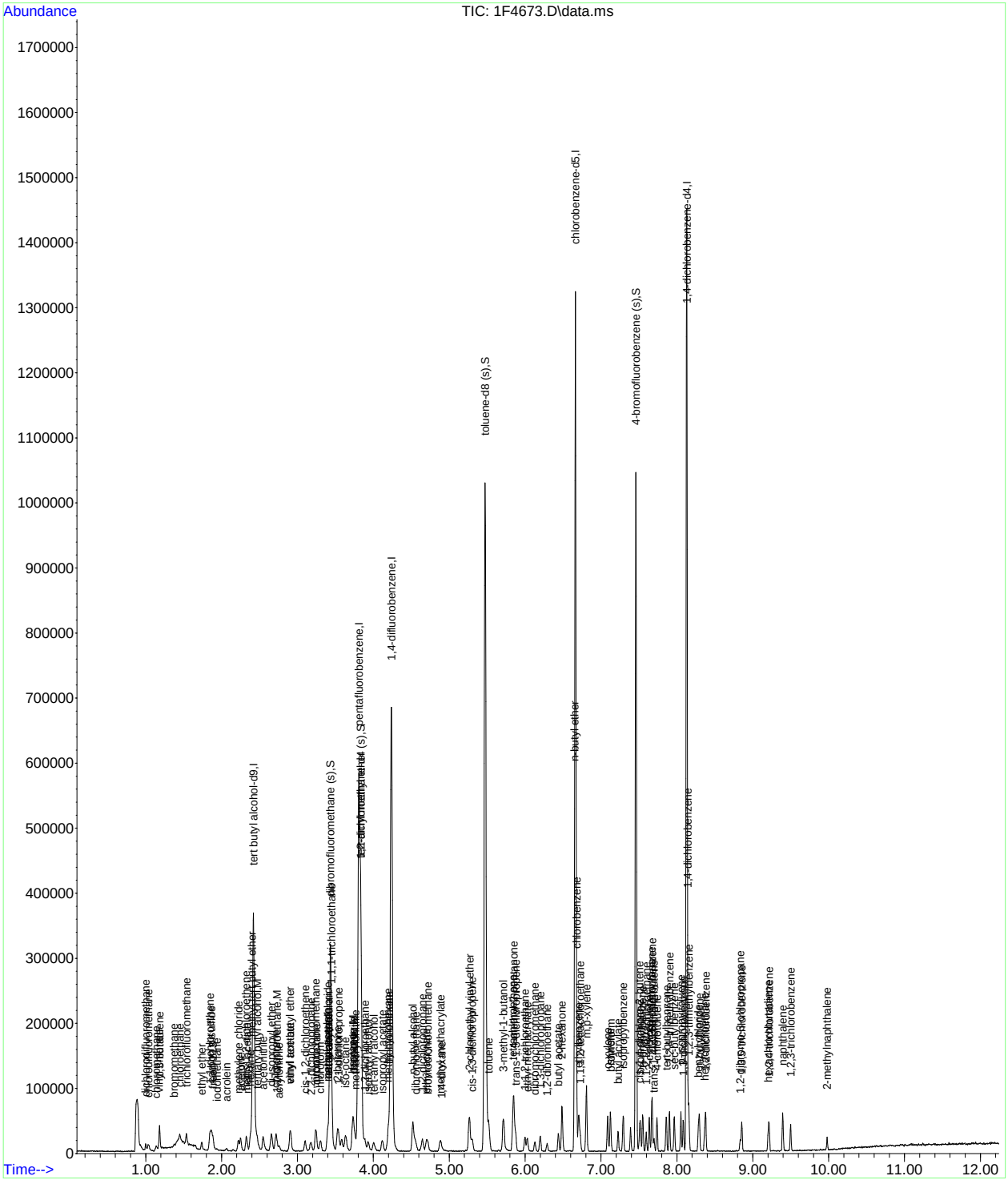
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
121) benzyl chloride	8.282	126	2984	1.86 ug/L	92
122) 2-methylnaphthalene	9.981	142	5675	1.06 ug/L	87

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4673.D
Acq On : 30 Apr 2023 12:04 am
Operator : PrashanS
Sample : IC156-2
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 08:37:09 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:10:27 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4675.D
Acq On : 30 Apr 2023 12:45 am
Operator : PrashanS
Sample : IC156-4
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 08:37:25 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:11:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.421	65	364977	500.00	ug/L		-0.01
5) pentafluorobenzene	3.810	168	382167	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	545191	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	487902	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	239565	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	172836	50.64	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 101.28%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	195903	50.55	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 101.10%				
73) toluene-d8 (s)	5.472	98	626844	50.02	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.04%				
96) 4-bromofluorobenzene (s)	7.459	95	227681	49.94	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.88%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.468	59	21517	18.73	ug/L		89
4) 1,4-dioxane	4.901	88	8154	97.03	ug/L		94
6) chlorodifluoromethane	1.042	51	18619	3.72	ug/L		96
7) dichlorodifluoromethane	1.005	85	15480	4.16	ug/L		99
8) chloromethane	1.141	50	15214	3.83	ug/L		99
9) vinyl chloride	1.178	62	14173	4.18	ug/L		98
10) 1,3-butadiene	1.183	39	18816	5.02	ug/L		92
11) bromomethane	1.377	96	3966	3.68	ug/L	#	82
12) chloroethane	1.451	64	10288	3.94	ug/L		86
13) trichlorofluoromethane	1.540	101	19637	4.38	ug/L		95
14) ethyl ether	1.744	74	6398	3.75	ug/L		94
15) acrolein	2.069	56	3572	3.97	ug/L		76
16) freon 113	1.891	151	9438	4.18	ug/L		88
17) 1,1-dichloroethene	1.855	61	15085	4.16	ug/L		98
18) acetone	2.253	58	9920	14.80	ug/L		96
19) acetonitrile	2.552	41	39470	40.74	ug/L		95
20) iodomethane	1.944	142	3457	2.98	ug/L		80
21) carbon disulfide	1.870	76	31354	3.87	ug/L		96
22) methylene chloride	2.227	84	10800	4.07	ug/L		90
23) methyl acetate	2.337	74	3463	4.34	ug/L	#	86
24) methyl tert butyl ether	2.400	73	33996	3.95	ug/L		86
25) trans-1,2-dichloroethene	2.326	61	15646	4.01	ug/L		99
26) hexane	2.379	57	26207	3.77	ug/L		91
27) di-isopropyl ether	2.657	45	44112	3.98	ug/L		97
28) ethyl tert-butyl ether	2.908	59	39419	3.99	ug/L		95
29) 2-butanone	3.527	72	11892	17.06	ug/L		95
30) 1,1-dichloroethane	2.730	63	20905	4.08	ug/L		98
31) chloroprene	2.714	53	19331	3.89	ug/L		93
32) acrylonitrile	2.756	52	7396	4.10	ug/L		96
33) vinyl acetate	2.908	86	1699	4.14	ug/L	#	59
34) ethyl acetate	3.401	70	2630	4.24	ug/L	#	75
35) 2,2-dichloropropane	3.181	77	17093	4.19	ug/L		93
36) cis-1,2-dichloroethene	3.102	96	11636	4.12	ug/L		98
37) propionitrile	3.742	54	40038	39.12	ug/L		94
38) methyl acrylate	3.406	85	2869	4.11	ug/L	#	65
39) bromochloromethane	3.244	128	5959	4.14	ug/L		88
40) tetrahydrofuran	3.417	71	3249	3.89	ug/L		92
41) chloroform	3.302	47	6506	3.66	ug/L		92
43) methacrylonitrile	3.768	67	7673	3.66	ug/L		85
44) 1,1,1-trichloroethane	3.448	97	17738	4.12	ug/L		93
45) cyclohexane	3.249	84	15036	3.98	ug/L		98
46) 1,1-dichloropropene	3.548	75	14516	3.95	ug/L		95
47) carbon tetrachloride	3.401	117	15855	3.87	ug/L		98
48) isobutyl alcohol	3.936	43	13923	37.59	ug/L		89
49) tert-amyl alcohol	4.009	55	8114	20.19	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4675.D
Acq On : 30 Apr 2023 12:45 am
Operator : PrashanS
Sample : IC156-4
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 08:37:25 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:11:34 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	iso-octane	3.637	57	41016	3.90	ug/L		96
53)	benzene	3.732	78	44400	4.02	ug/L		98
54)	tert-amyl methyl ether	3.842	73	35728	3.91	ug/L		96
55)	heptane	3.721	57	7780	3.91	ug/L	#	79
56)	isopropyl acetate	4.120	87	3496	3.91	ug/L	#	86
57)	1,2-dichloroethane	3.889	62	19286	3.75	ug/L		95
58)	n-butyl alcohol	4.518	56	51403	196.55	ug/L		98
59)	ethyl acrylate	4.696	55	24154	3.93	ug/L		96
60)	trichloroethene	4.203	130	13758	4.24	ug/L		86
62)	2-chloroethyl vinyl ether	5.268	63	45183	19.55	ug/L		96
63)	methyl methacrylate	4.880	100	3954	4.02	ug/L	#	90
64)	1,2-dichloropropane	4.649	63	11932	3.81	ug/L		96
65)	methylcyclohexane	4.198	55	18885	4.24	ug/L		97
66)	dibromomethane	4.560	93	8250	3.80	ug/L		97
67)	bromodichloromethane	4.717	83	16092	3.87	ug/L		90
69)	cis-1,3-dichloropropene	5.299	75	19436	3.94	ug/L		95
70)	4-methyl-2-pentanone	5.850	58	33810	15.81	ug/L		90
71)	3-methyl-1-butanol	5.713	70	16673	80.88	ug/L		90
74)	toluene	5.519	92	28512	3.93	ug/L		89
75)	ethyl methacrylate	6.028	69	16428	4.09	ug/L		95
76)	trans-1,3-dichloropropene	5.876	75	18861	3.99	ug/L		97
77)	1,1,2-trichloroethane	5.997	83	9418	3.76	ug/L		93
78)	tetrachloroethene	5.839	166	13501	3.91	ug/L		99
79)	2-hexanone	6.484	58	38034	16.21	ug/L		99
80)	1,3-dichloropropane	6.201	76	18204	3.77	ug/L		99
81)	butyl acetate	6.442	56	11550	4.04	ug/L		93
82)	dibromochloromethane	6.128	129	12992	3.84	ug/L		95
83)	1,2-dibromoethane	6.285	107	12355	3.71	ug/L		93
84)	n-butyl ether	6.652	57	51462	3.94	ug/L		93
85)	chlorobenzene	6.673	112	34264	3.96	ug/L		94
86)	1,1,1,2-tetrachloroethane	6.725	131	12166	4.18	ug/L		97
87)	ethylbenzene	6.704	91	53321	3.79	ug/L		95
88)	m,p-xylene	6.809	106	41571	8.20	ug/L		94
89)	o-xylene	7.087	106	19712	3.77	ug/L		89
90)	styrene	7.124	104	32930	4.09	ug/L		98
91)	bromoform	7.129	173	9756	3.90	ug/L		98
92)	butyl acrylate	7.223	55	29514	4.12	ug/L		98
93)	isopropylbenzene	7.292	105	51408	3.96	ug/L		96
94)	cis-1,4-dichloro-2-butene	7.507	88	7123	4.15	ug/L		98
97)	bromobenzene	7.517	156	14525	4.13	ug/L		86
98)	1,1,2,2-tetrachloroethane	7.596	83	17283	3.84	ug/L		100
99)	trans-1,4-dichloro-2-b...	7.701	53	7649	5.08	ug/L		82
100)	1,2,3-trichloropropane	7.669	110	5997	4.02	ug/L		88
101)	n-propylbenzene	7.548	91	62234	4.00	ug/L		98
102)	2-chlorotoluene	7.638	126	12487	3.85	ug/L		88
103)	4-chlorotoluene	7.737	91	38196	3.84	ug/L		99
104)	1,3,5-trimethylbenzene	7.674	105	44220	4.08	ug/L		99
105)	tert-butylbenzene	7.863	119	36905	3.86	ug/L		98
106)	1,2,4-trimethylbenzene	7.905	105	45017	3.98	ug/L		99
107)	sec-butylbenzene	7.968	105	52542	3.92	ug/L		97
108)	1,3-dichlorobenzene	8.083	146	26759	3.94	ug/L		98
109)	p-isopropyltoluene	8.052	119	45580	4.03	ug/L		99
110)	1,4-dichlorobenzene	8.141	146	26488	3.84	ug/L		90
111)	1,2-dichlorobenzene	8.382	146	26901	4.07	ug/L		96
112)	1,2,3-trimethylbenzene	8.157	105	47010	3.85	ug/L		100
113)	n-butylbenzene	8.298	92	24141	4.12	ug/L		93
114)	1,2-dibromo-3-chloropr...	8.833	157	6260	3.88	ug/L		87
115)	1,3,5-trichlorobenzene	8.854	180	18865	3.99	ug/L		95
116)	1,2,4-trichlorobenzene	9.216	180	16532	3.97	ug/L		98
117)	hexachlorobutadiene	9.205	225	6657	4.39	ug/L		91
118)	naphthalene	9.394	128	50882	4.00	ug/L		99
119)	1,2,3-trichlorobenzene	9.499	180	15122	3.86	ug/L		91
120)	hexachloroethane	8.366	119	6297	3.77	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4675.D
Acq On : 30 Apr 2023 12:45 am
Operator : PrashanS
Sample : IC156-4
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 08:37:25 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:11:34 2023
Response via : Initial Calibration

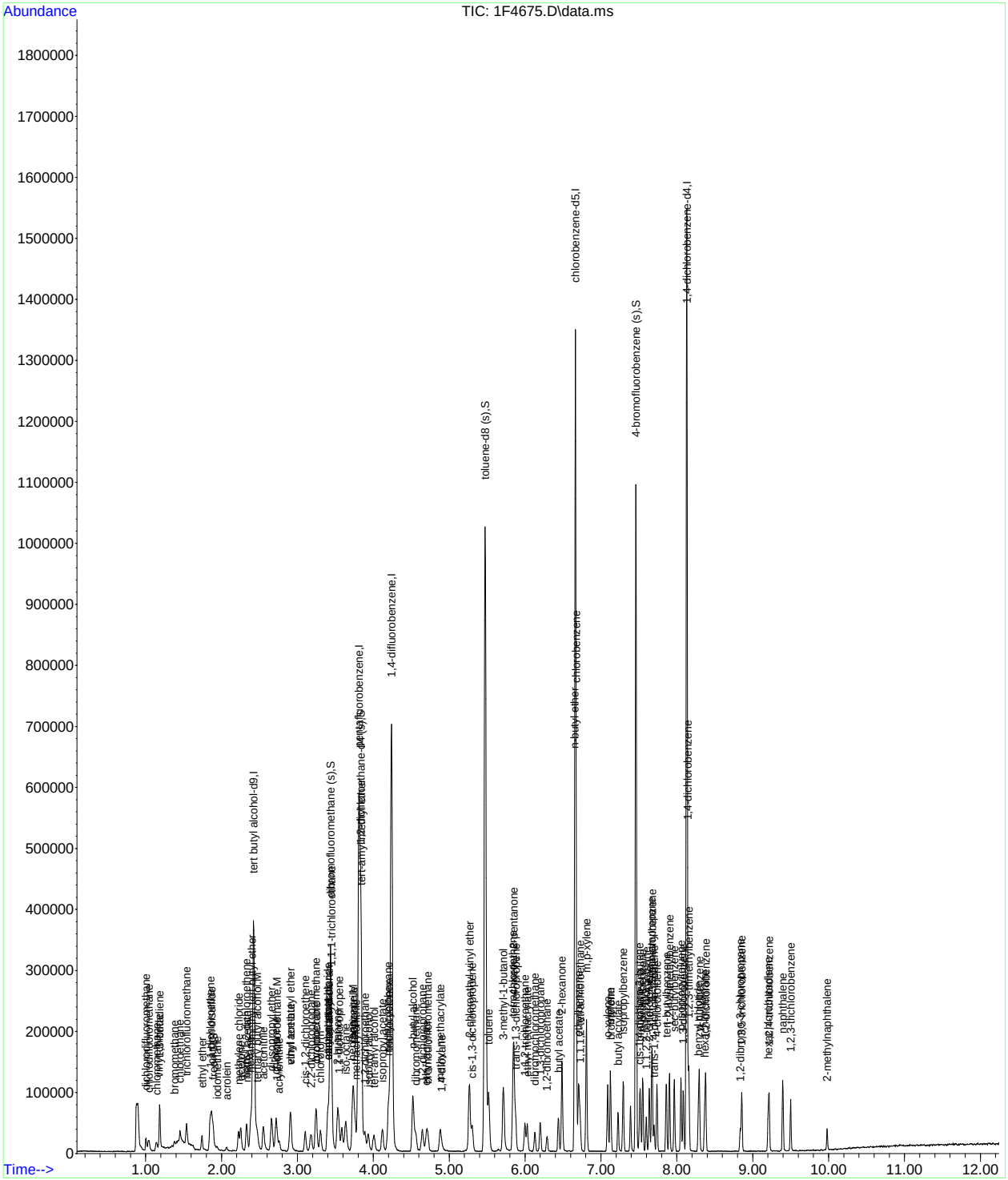
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
121) benzyl chloride	8.283	126	6515	3.96 ug/L	96
122) 2-methylnaphthalene	9.981	142	10265	1.81 ug/L	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4675.D
Acq On : 30 Apr 2023 12:45 am
Operator : PrashanS
Sample : IC156-4
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 08:37:25 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:11:34 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4677.D
Acq On : 30 Apr 2023 1:25 am
Operator : PrashanS
Sample : IC156-8
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 08:37:41 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:12:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.421	65	367415	500.00	ug/L		-0.01
5) pentafluorobenzene	3.810	168	386382	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	553113	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	489672	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	241215	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.433	113	172267	49.81	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.62%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	195015	49.51	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.02%				
73) toluene-d8 (s)	5.472	98	640737	50.94	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.88%				
96) 4-bromofluorobenzene (s)	7.459	95	227394	49.54	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.08%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.468	59	41687	36.43	ug/L		77
4) 1,4-dioxane	4.901	88	16015	190.72	ug/L		94
6) chlorodifluoromethane	1.031	51	37046	7.43	ug/L		99
7) dichlorodifluoromethane	1.000	85	30133	7.95	ug/L		94
8) chloromethane	1.136	50	29459	7.41	ug/L		99
9) vinyl chloride	1.173	62	27650	7.99	ug/L		98
10) 1,3-butadiene	1.178	39	29447	7.16	ug/L		98
11) bromomethane	1.372	96	7740	7.25	ug/L	#	90
12) chloroethane	1.446	64	17499	6.65	ug/L		96
13) trichlorofluoromethane	1.535	101	38107	8.28	ug/L		96
14) ethyl ether	1.734	74	12521	7.35	ug/L		94
15) acrolein	2.059	56	7041	7.74	ug/L		93
16) freon 113	1.881	151	18526	8.04	ug/L		97
17) 1,1-dichloroethene	1.849	61	29596	8.02	ug/L		99
18) acetone	2.248	58	18618	27.83	ug/L		100
19) acetonitrile	2.547	41	73766	74.96	ug/L		99
20) iodomethane	1.933	142	8293	7.56	ug/L		91
21) carbon disulfide	1.865	76	58566	7.19	ug/L		99
22) methylene chloride	2.216	84	20578	7.65	ug/L		93
23) methyl acetate	2.332	74	6418	7.82	ug/L		99
24) methyl tert butyl ether	2.400	73	67205	7.73	ug/L		98
25) trans-1,2-dichloroethene	2.321	61	29824	7.55	ug/L		98
26) hexane	2.379	57	49544	7.13	ug/L		97
27) di-isopropyl ether	2.657	45	84298	7.52	ug/L		99
28) ethyl tert-butyl ether	2.903	59	76035	7.62	ug/L		98
29) 2-butanone	3.527	72	24038	33.74	ug/L	#	82
30) 1,1-dichloroethane	2.725	63	40501	7.80	ug/L		98
31) chloroprene	2.714	53	36705	7.34	ug/L		98
32) acrylonitrile	2.756	52	14922	8.14	ug/L		97
33) vinyl acetate	2.908	86	3150	7.51	ug/L	#	47
34) ethyl acetate	3.401	70	5118	8.04	ug/L		84
35) 2,2-dichloropropane	3.176	77	30441	7.32	ug/L		96
36) cis-1,2-dichloroethene	3.097	96	21859	7.62	ug/L		89
37) propionitrile	3.742	54	78797	76.44	ug/L		100
38) methyl acrylate	3.401	85	5936	8.35	ug/L	#	48
39) bromochloromethane	3.239	128	11827	8.07	ug/L		91
40) tetrahydrofuran	3.417	71	6512	7.78	ug/L	#	59
41) chloroform	3.302	47	12468	7.06	ug/L		97
43) methacrylonitrile	3.763	67	14065	6.78	ug/L		87
44) 1,1,1-trichloroethane	3.448	97	35170	8.04	ug/L		98
45) cyclohexane	3.244	84	29560	7.74	ug/L		98
46) 1,1-dichloropropene	3.538	75	28297	7.63	ug/L		98
47) carbon tetrachloride	3.401	117	31048	7.55	ug/L		95
48) isobutyl alcohol	3.925	43	26945	72.83	ug/L		95
49) tert-amyl alcohol	4.004	55	15542	38.15	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4677.D
Acq On : 30 Apr 2023 1:25 am
Operator : PrashanS
Sample : IC156-8
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 08:37:41 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:12:45 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	iso-octane	3.632	57	77447	7.28	ug/L	98
53)	benzene	3.731	78	83774	7.46	ug/L	94
54)	tert-amyl methyl ether	3.831	73	67271	7.29	ug/L	99
55)	heptane	3.721	57	14324	7.13	ug/L	96
56)	isopropyl acetate	4.114	87	7489	8.31	ug/L	98
57)	1,2-dichloroethane	3.889	62	35074	6.81	ug/L	94
58)	n-butyl alcohol	4.518	56	102542	387.82	ug/L	97
59)	ethyl acrylate	4.696	55	45852	7.39	ug/L	98
60)	trichloroethene	4.209	130	25616	7.70	ug/L	99
62)	2-chloroethyl vinyl ether	5.268	63	89788	38.44	ug/L	98
63)	methyl methacrylate	4.885	100	7351	7.36	ug/L	92
64)	1,2-dichloropropane	4.644	63	23838	7.57	ug/L	89
65)	methylcyclohexane	4.198	55	35222	7.71	ug/L	94
66)	dibromomethane	4.555	93	16024	7.34	ug/L	93
67)	bromodichloromethane	4.712	83	30793	7.34	ug/L	100
69)	cis-1,3-dichloropropene	5.304	75	36497	7.31	ug/L	100
70)	4-methyl-2-pentanone	5.850	58	66144	30.54	ug/L	100
71)	3-methyl-1-butanol	5.713	70	33067	157.81	ug/L	99
74)	toluene	5.514	92	54552	7.52	ug/L	98
75)	ethyl methacrylate	6.028	69	32568	8.04	ug/L	93
76)	trans-1,3-dichloropropene	5.876	75	35616	7.51	ug/L	97
77)	1,1,2-trichloroethane	5.996	83	17953	7.21	ug/L	97
78)	tetrachloroethene	5.839	166	25706	7.44	ug/L	95
79)	2-hexanone	6.484	58	72432	30.69	ug/L	99
80)	1,3-dichloropropane	6.196	76	34847	7.27	ug/L	99
81)	butyl acetate	6.437	56	21859	7.61	ug/L	99
82)	dibromochloromethane	6.128	129	24785	7.35	ug/L	99
83)	1,2-dibromoethane	6.290	107	24283	7.36	ug/L	98
84)	n-butyl ether	6.652	57	99665	7.63	ug/L	94
85)	chlorobenzene	6.673	112	64350	7.43	ug/L	94
86)	1,1,1,2-tetrachloroethane	6.725	131	23156	7.87	ug/L	89
87)	ethylbenzene	6.704	91	105321	7.52	ug/L	99
88)	m,p-xylene	6.809	106	81584	15.97	ug/L	93
89)	o-xylene	7.087	106	38256	7.36	ug/L	93
90)	styrene	7.124	104	64669	7.97	ug/L	98
91)	bromoform	7.129	173	18106	7.25	ug/L	96
92)	butyl acrylate	7.223	55	56723	7.84	ug/L	100
93)	isopropylbenzene	7.292	105	99573	7.66	ug/L	97
94)	cis-1,4-dichloro-2-butene	7.506	88	13800	7.93	ug/L	95
97)	bromobenzene	7.522	156	27919	7.84	ug/L	96
98)	1,1,2,2-tetrachloroethane	7.596	83	33116	7.35	ug/L	97
99)	trans-1,4-dichloro-2-b...	7.700	53	12065	7.55	ug/L	98
100)	1,2,3-trichloropropane	7.669	110	11146	7.41	ug/L	99
101)	n-propylbenzene	7.548	91	121661	7.76	ug/L	97
102)	2-chlorotoluene	7.638	126	25561	7.87	ug/L	99
103)	4-chlorotoluene	7.737	91	75074	7.54	ug/L	100
104)	1,3,5-trimethylbenzene	7.674	105	84961	7.75	ug/L	98
105)	tert-butylbenzene	7.863	119	72291	7.55	ug/L	98
106)	1,2,4-trimethylbenzene	7.905	105	89145	7.83	ug/L	98
107)	sec-butylbenzene	7.968	105	105592	7.85	ug/L	99
108)	1,3-dichlorobenzene	8.083	146	50733	7.44	ug/L	96
109)	p-isopropyltoluene	8.052	119	90967	7.97	ug/L	97
110)	1,4-dichlorobenzene	8.141	146	52378	7.58	ug/L	96
111)	1,2-dichlorobenzene	8.382	146	52428	7.85	ug/L	96
112)	1,2,3-trimethylbenzene	8.157	105	90877	7.44	ug/L	99
113)	n-butylbenzene	8.298	92	47545	8.03	ug/L	99
114)	1,2-dibromo-3-chloropr...	8.833	157	12668	7.83	ug/L	88
115)	1,3,5-trichlorobenzene	8.854	180	36972	7.77	ug/L	93
116)	1,2,4-trichlorobenzene	9.216	180	31251	7.46	ug/L	98
117)	hexachlorobutadiene	9.205	225	12063	7.75	ug/L	93
118)	naphthalene	9.394	128	99428	7.76	ug/L	99
119)	1,2,3-trichlorobenzene	9.499	180	29991	7.65	ug/L	98
120)	hexachloroethane	8.366	119	13233	7.96	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4677.D
Acq On : 30 Apr 2023 1:25 am
Operator : PrashanS
Sample : IC156-8
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 08:37:41 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:12:45 2023
Response via : Initial Calibration

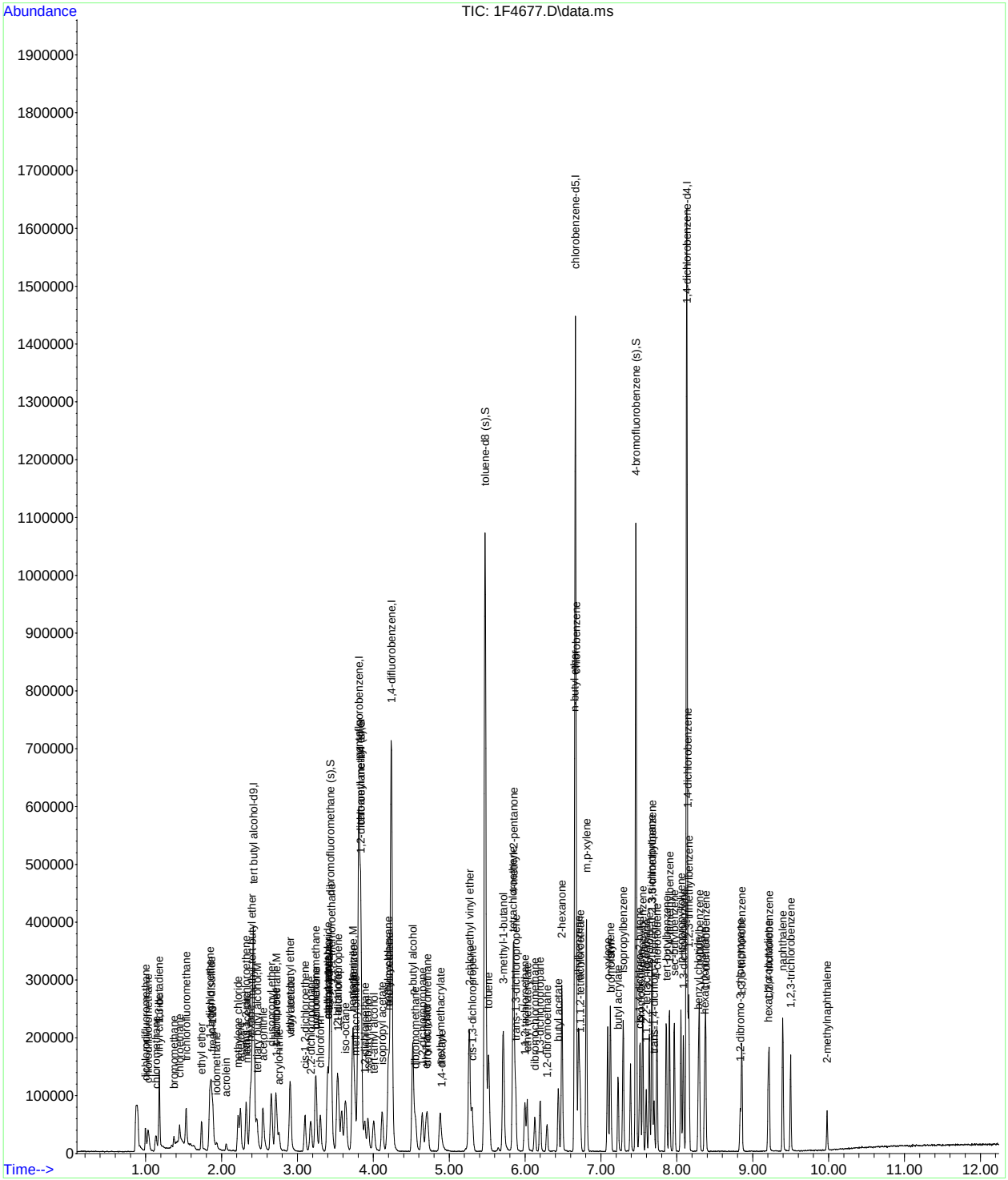
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
121) benzyl chloride	8.282	126	13252	8.02	ug/L	98
122) 2-methylnaphthalene	9.981	142	20082	3.59	ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4677.D
Acq On : 30 Apr 2023 1:25 am
Operator : PrashanS
Sample : IC156-8
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 08:37:41 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:12:45 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4679.D
Acq On : 30 Apr 2023 2:06 am
Operator : PrashanS
Sample : IC156-20
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 02 08:37:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:13:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.421	65	367403	500.00	ug/L		-0.01
5) pentafluorobenzene	3.810	168	392867	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	561036	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	501748	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	246522	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.433	113	172383	49.05	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 98.10%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	196790	49.32	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.64%				
73) toluene-d8 (s)	5.472	98	638405	49.40	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.80%				
96) 4-bromofluorobenzene (s)	7.459	95	236134	50.41	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.82%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.473	59	108803	96.31	ug/L		95
4) 1,4-dioxane	4.895	88	40205	483.29	ug/L		95
6) chlorodifluoromethane	1.037	51	96429	19.25	ug/L		93
7) dichlorodifluoromethane	1.000	85	78833	20.47	ug/L		98
8) chloromethane	1.136	50	75078	18.79	ug/L		98
9) vinyl chloride	1.173	62	71578	20.35	ug/L		99
10) 1,3-butadiene	1.183	39	78185	19.21	ug/L		98
11) bromomethane	1.377	96	21950	20.61	ug/L	#	100
12) chloroethane	1.451	64	42557	16.46	ug/L		98
13) trichlorofluoromethane	1.535	101	102142	21.72	ug/L		100
14) ethyl ether	1.739	74	32192	18.85	ug/L		96
15) acrolein	2.064	56	18574	20.20	ug/L		94
16) freon 113	1.886	151	46812	19.97	ug/L		92
17) 1,1-dichloroethene	1.849	61	76164	20.30	ug/L		98
18) acetone	2.253	58	49221	73.73	ug/L		94
19) acetonitrile	2.547	41	187809	190.10	ug/L		99
20) iodomethane	1.938	142	31440	28.49	ug/L		99
21) carbon disulfide	1.865	76	152332	18.72	ug/L		99
22) methylene chloride	2.221	84	52631	19.38	ug/L		97
23) methyl acetate	2.332	74	17053	20.51	ug/L	#	89
24) methyl tert butyl ether	2.400	73	172515	19.62	ug/L		93
25) trans-1,2-dichloroethene	2.321	61	77234	19.39	ug/L		94
26) hexane	2.384	57	130185	18.78	ug/L		98
27) di-isopropyl ether	2.657	45	217120	19.22	ug/L		96
28) ethyl tert-butyl ether	2.903	59	196444	19.50	ug/L		99
29) 2-butanone	3.527	72	59761	81.86	ug/L		95
30) 1,1-dichloroethane	2.725	63	105356	20.02	ug/L		98
31) chloroprene	2.714	53	98408	19.59	ug/L		96
32) acrylonitrile	2.761	52	39823	21.30	ug/L		95
33) vinyl acetate	2.903	86	7850	18.69	ug/L	#	82
34) ethyl acetate	3.401	70	12916	19.94	ug/L		94
35) 2,2-dichloropropane	3.176	77	76225	18.26	ug/L		100
36) cis-1,2-dichloroethene	3.102	96	56049	19.34	ug/L		99
37) propionitrile	3.742	54	205870	197.66	ug/L		99
38) methyl acrylate	3.401	85	14266	19.56	ug/L		96
39) bromochloromethane	3.244	128	29864	20.01	ug/L		94
40) tetrahydrofuran	3.412	71	16445	19.45	ug/L		88
41) chloroform	3.307	47	32905	18.69	ug/L		95
43) methacrylonitrile	3.763	67	38170	18.66	ug/L		90
44) 1,1,1-trichloroethane	3.448	97	88826	19.96	ug/L		99
45) cyclohexane	3.244	84	77867	20.15	ug/L		95
46) 1,1-dichloropropene	3.543	75	75592	20.19	ug/L		97
47) carbon tetrachloride	3.401	117	81996	19.79	ug/L		98
48) isobutyl alcohol	3.931	43	73348	197.95	ug/L		97
49) tert-amyl alcohol	4.009	55	38109	92.87	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4679.D
Acq On : 30 Apr 2023 2:06 am
Operator : PrashanS
Sample : IC156-20
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 02 08:37:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:13:44 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	iso-octane	3.637	57	199659	18.75	ug/L		98
53)	benzene	3.731	78	218699	19.39	ug/L		97
54)	tert-amyl methyl ether	3.836	73	177210	19.21	ug/L		99
55)	heptane	3.721	57	37838	18.90	ug/L		93
56)	isopropyl acetate	4.119	87	18860	20.47	ug/L	#	80
57)	1,2-dichloroethane	3.889	62	90162	17.70	ug/L		99
58)	n-butyl alcohol	4.523	56	277119	1038.55	ug/L		98
59)	ethyl acrylate	4.696	55	122057	19.70	ug/L		98
60)	trichloroethene	4.203	130	68868	20.53	ug/L		97
62)	2-chloroethyl vinyl ether	5.268	63	237662	100.88	ug/L		98
63)	methyl methacrylate	4.880	100	20106	20.16	ug/L		98
64)	1,2-dichloropropane	4.644	63	61985	19.59	ug/L		99
65)	methylcyclohexane	4.198	55	88862	19.29	ug/L		98
66)	dibromomethane	4.560	93	40195	18.41	ug/L		97
67)	bromodichloromethane	4.717	83	80915	19.23	ug/L		95
69)	cis-1,3-dichloropropene	5.304	75	95223	19.05	ug/L		98
70)	4-methyl-2-pentanone	5.850	58	176965	81.09	ug/L		99
71)	3-methyl-1-butanol	5.713	70	90160	425.04	ug/L		97
74)	toluene	5.519	92	143695	19.50	ug/L		98
75)	ethyl methacrylate	6.028	69	84059	20.25	ug/L		99
76)	trans-1,3-dichloropropene	5.876	75	94808	19.67	ug/L		98
77)	1,1,2-trichloroethane	5.996	83	47818	19.01	ug/L		92
78)	tetrachloroethene	5.839	166	67852	19.36	ug/L		96
79)	2-hexanone	6.484	58	199327	82.91	ug/L		99
80)	1,3-dichloropropane	6.201	76	92278	19.03	ug/L		98
81)	butyl acetate	6.437	56	60478	20.69	ug/L		90
82)	dibromochloromethane	6.128	129	65510	19.18	ug/L		98
83)	1,2-dibromoethane	6.290	107	62617	18.74	ug/L		99
84)	n-butyl ether	6.652	57	263827	19.85	ug/L		98
85)	chlorobenzene	6.673	112	173514	19.75	ug/L		95
86)	1,1,1,2-tetrachloroethane	6.725	131	61017	20.29	ug/L		96
87)	ethylbenzene	6.704	91	276115	19.41	ug/L		100
88)	m,p-xylene	6.809	106	216359	41.34	ug/L		97
89)	o-xylene	7.087	106	104207	19.79	ug/L		94
90)	styrene	7.124	104	173908	20.93	ug/L		99
91)	bromoform	7.129	173	49767	19.76	ug/L		98
92)	butyl acrylate	7.223	55	152690	20.67	ug/L		98
93)	isopropylbenzene	7.291	105	269210	20.33	ug/L		98
94)	cis-1,4-dichloro-2-butene	7.506	88	37672	21.17	ug/L		96
97)	bromobenzene	7.522	156	74606	20.56	ug/L		95
98)	1,1,2,2-tetrachloroethane	7.596	83	83514	18.36	ug/L		97
99)	trans-1,4-dichloro-2-b...	7.700	53	32563	20.12	ug/L		94
100)	1,2,3-trichloropropane	7.669	110	29563	19.47	ug/L		92
101)	n-propylbenzene	7.548	91	324450	20.34	ug/L		100
102)	2-chlorotoluene	7.638	126	66660	20.13	ug/L		99
103)	4-chlorotoluene	7.737	91	195756	19.41	ug/L		99
104)	1,3,5-trimethylbenzene	7.674	105	233228	20.91	ug/L		99
105)	tert-butylbenzene	7.863	119	194373	20.03	ug/L		98
106)	1,2,4-trimethylbenzene	7.905	105	242283	20.88	ug/L		99
107)	sec-butylbenzene	7.968	105	279321	20.37	ug/L		99
108)	1,3-dichlorobenzene	8.088	146	137464	19.93	ug/L		97
109)	p-isopropyltoluene	8.052	119	247430	21.23	ug/L		99
110)	1,4-dichlorobenzene	8.141	146	135713	19.37	ug/L		98
111)	1,2-dichlorobenzene	8.382	146	133419	19.59	ug/L		99
112)	1,2,3-trimethylbenzene	8.157	105	241269	19.52	ug/L		99
113)	n-butylbenzene	8.298	92	125587	20.73	ug/L		99
114)	1,2-dibromo-3-chloropr...	8.838	157	33950	20.60	ug/L		93
115)	1,3,5-trichlorobenzene	8.854	180	97881	20.22	ug/L		99
116)	1,2,4-trichlorobenzene	9.216	180	84531	19.95	ug/L		100
117)	hexachlorobutadiene	9.205	225	33045	20.89	ug/L		99
118)	naphthalene	9.394	128	271773	20.84	ug/L		98
119)	1,2,3-trichlorobenzene	9.499	180	83145	20.88	ug/L		97
120)	hexachloroethane	8.366	119	36039	21.23	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4679.D
Acq On : 30 Apr 2023 2:06 am
Operator : PrashanS
Sample : IC156-20
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 02 08:37:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:13:44 2023
Response via : Initial Calibration

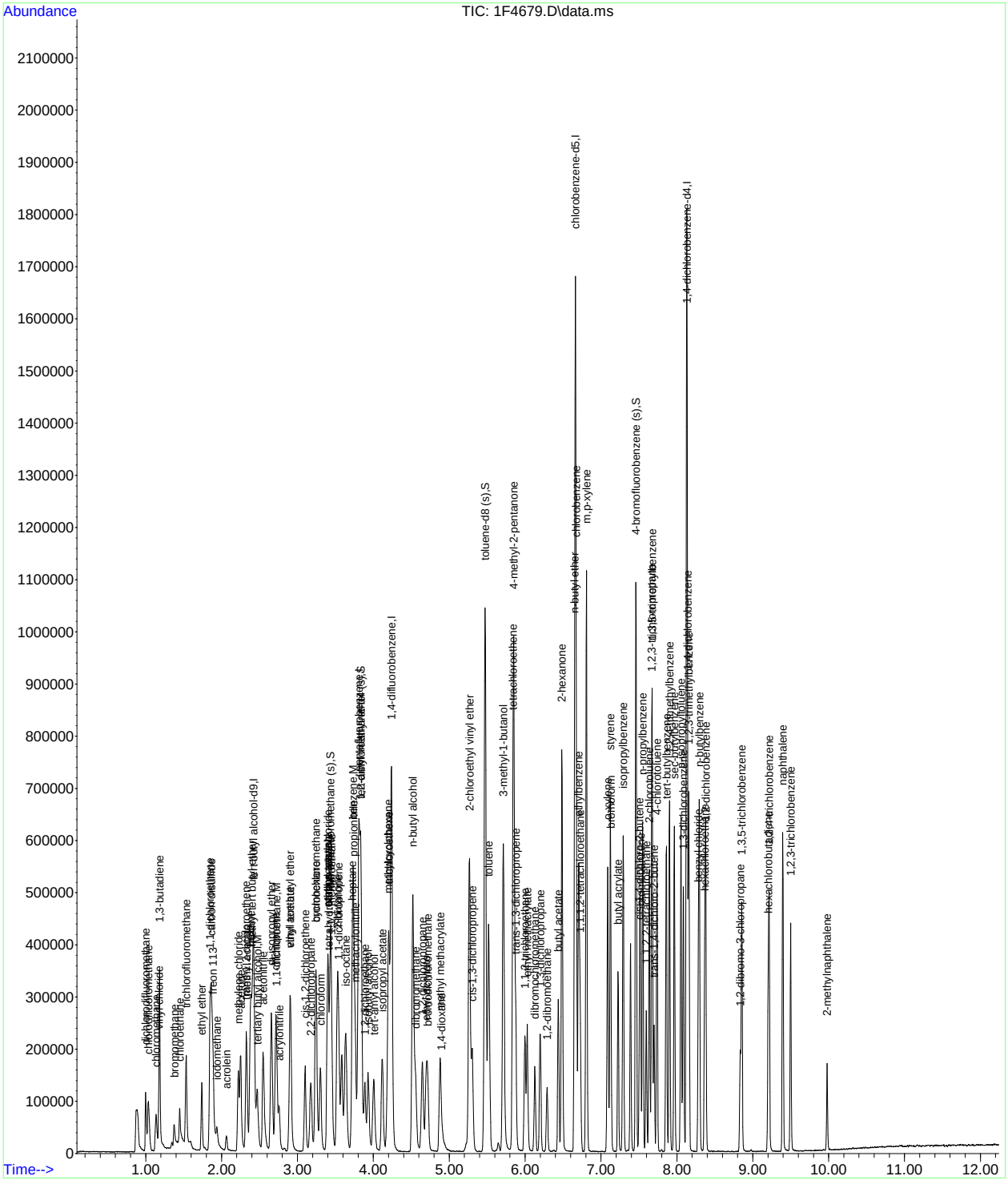
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
121) benzyl chloride	8.282	126	34252	20.28 ug/L	96
122) 2-methylnaphthalene	9.981	142	47337	8.43 ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4679.D
Acq On : 30 Apr 2023 2:06 am
Operator : PrashanS
Sample : IC156-20
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 02 08:37:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:13:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4681.D
Acq On : 30 Apr 2023 2:47 am
Operator : PrashanS
Sample : ICC156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 02 08:38:22 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:49:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.431	65	372052	500.00	ug/L		0.00
5) pentafluorobenzene	3.810	168	417680	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	583773	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	534027	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	267321	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	179216	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 100.00%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	199904	50.00	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 100.00%				
73) toluene-d8 (s)	5.477	98	674450	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
96) 4-bromofluorobenzene (s)	7.459	95	251815	50.00	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.00%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.478	59	276697	250.00	ug/L		100
4) 1,4-dioxane	4.901	88	101376	1250.00	ug/L		100
6) chlorodifluoromethane	1.042	51	249647	50.00	ug/L		100
7) dichlorodifluoromethane	1.005	85	198710	50.00	ug/L		100
8) chloromethane	1.141	50	191859	50.00	ug/L		100
9) vinyl chloride	1.178	62	183972	50.00	ug/L		100
10) 1,3-butadiene	1.188	39	198088	50.00	ug/L		100
11) bromomethane	1.377	96	62899	50.00	ug/L	#	100
12) chloroethane	1.451	64	101607	50.00	ug/L		100
13) trichlorofluoromethane	1.535	101	263912	50.00	ug/L		100
14) ethyl ether	1.744	74	88204	50.00	ug/L		100
15) acrolein	2.069	56	47264	50.00	ug/L		100
16) freon 113	1.886	151	122891	50.00	ug/L		100
17) 1,1-dichloroethene	1.854	61	200418	50.00	ug/L		100
18) acetone	2.258	58	128287	200.00	ug/L		100
19) acetonitrile	2.552	41	474018	500.00	ug/L		100
20) iodomethane	1.943	142	112421	50.00	ug/L		100
21) carbon disulfide	1.870	76	386948	50.00	ug/L		100
22) methylene chloride	2.227	84	136331	50.00	ug/L		100
23) methyl acetate	2.337	74	45696	50.00	ug/L		100
24) methyl tert butyl ether	2.405	73	458367	50.00	ug/L		100
25) trans-1,2-dichloroethene	2.326	61	203880	50.00	ug/L		100
26) hexane	2.384	57	347313	50.00	ug/L		100
27) di-isopropyl ether	2.662	45	579152	50.00	ug/L		100
28) ethyl tert-butyl ether	2.908	59	526646	50.00	ug/L		100
29) 2-butanone	3.532	72	156226	200.09	ug/L		100
30) 1,1-dichloroethane	2.730	63	279524	50.00	ug/L		100
31) chloroprene	2.714	53	255876	50.00	ug/L		100
32) acrylonitrile	2.761	52	104561	50.00	ug/L		100
33) vinyl acetate	2.913	86	18646	50.00	ug/L		100
34) ethyl acetate	3.401	70	34019	50.00	ug/L		100
35) 2,2-dichloropropane	3.181	77	201147	50.00	ug/L		100
36) cis-1,2-dichloroethene	3.102	96	150463	50.00	ug/L		100
37) propionitrile	3.747	54	550356	500.00	ug/L		100
38) methyl acrylate	3.401	85	38918	50.00	ug/L		100
39) bromochloromethane	3.244	128	75085	50.00	ug/L		100
40) tetrahydrofuran	3.417	71	42557	50.00	ug/L		100
41) chloroform	3.301	47	82764	50.00	ug/L		100
43) methacrylonitrile	3.768	67	105074	50.00	ug/L		100
44) 1,1,1-trichloroethane	3.448	97	233150	50.00	ug/L		100
45) cyclohexane	3.249	84	210357	50.00	ug/L		100
46) 1,1-dichloropropene	3.543	75	196533	50.00	ug/L		100
47) carbon tetrachloride	3.401	117	207119	50.00	ug/L		100
48) isobutyl alcohol	3.936	43	209685	478.78	ug/L		100
49) tert-amyl alcohol	4.009	55	100680	250.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4681.D
Acq On : 30 Apr 2023 2:47 am
Operator : PrashanS
Sample : ICC156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 02 08:38:22 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:49:37 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	iso-octane	3.637	57	551998	50.00	ug/L	100
53)	benzene	3.731	78	572558	50.00	ug/L	100
54)	tert-amyl methyl ether	3.841	73	472946	50.00	ug/L	100
55)	heptane	3.726	57	105358	50.00	ug/L	100
56)	isopropyl acetate	4.119	87	48015	50.00	ug/L	100
57)	1,2-dichloroethane	3.889	62	232847	50.00	ug/L	100
58)	n-butyl alcohol	4.528	56	727310	2500.00	ug/L	100
59)	ethyl acrylate	4.696	55	327998	50.00	ug/L	100
60)	trichloroethene	4.208	130	178426	50.00	ug/L	100
62)	2-chloroethyl vinyl ether	5.268	63	645649	250.00	ug/L	100
63)	methyl methacrylate	4.885	100	54032	50.00	ug/L	100
64)	1,2-dichloropropane	4.649	63	165845	50.00	ug/L	100
65)	methylcyclohexane	4.198	55	235824	50.00	ug/L	100
66)	dibromomethane	4.560	93	106407	50.00	ug/L	100
67)	bromodichloromethane	4.717	83	210911	50.00	ug/L	100
69)	cis-1,3-dichloropropene	5.304	75	254097	50.00	ug/L	100
70)	4-methyl-2-pentanone	5.850	58	491233	200.00	ug/L	100
71)	3-methyl-1-butanol	5.718	70	243535	1000.00	ug/L	100
74)	toluene	5.519	92	377797	50.00	ug/L	100
75)	ethyl methacrylate	6.028	69	228486	50.00	ug/L	100
76)	trans-1,3-dichloropropene	5.876	75	252966	50.00	ug/L	100
77)	1,1,2-trichloroethane	5.996	83	126947	50.00	ug/L	100
78)	tetrachloroethene	5.839	166	180283	50.00	ug/L	100
79)	2-hexanone	6.484	58	537905	200.00	ug/L	100
80)	1,3-dichloropropane	6.201	76	248279	50.00	ug/L	100
81)	butyl acetate	6.437	56	161514	50.00	ug/L	100
82)	dibromochloromethane	6.127	129	177876	50.00	ug/L	100
83)	1,2-dibromoethane	6.290	107	165947	50.00	ug/L	100
84)	n-butyl ether	6.652	57	721743	49.98	ug/L	100
85)	chlorobenzene	6.678	112	455559	50.00	ug/L	100
86)	1,1,1,2-tetrachloroethane	6.725	131	161646	50.00	ug/L	100
87)	ethylbenzene	6.704	91	753256	50.00	ug/L	100
88)	m,p-xylene	6.809	106	579916	100.00	ug/L	100
89)	o-xylene	7.087	106	281173	50.00	ug/L	100
90)	styrene	7.124	104	480682	50.00	ug/L	100
91)	bromoform	7.129	173	138511	50.00	ug/L	100
92)	butyl acrylate	7.223	55	427915	50.00	ug/L	100
93)	isopropylbenzene	7.297	105	727963	50.00	ug/L	100
94)	cis-1,4-dichloro-2-butene	7.506	88	105083	50.00	ug/L	100
97)	bromobenzene	7.522	156	196324	50.00	ug/L	100
98)	1,1,2,2-tetrachloroethane	7.595	83	229610	50.00	ug/L	100
99)	trans-1,4-dichloro-2-b...	7.700	53	86610	50.00	ug/L	100
100)	1,2,3-trichloropropane	7.669	110	80313	50.00	ug/L	100
101)	n-propylbenzene	7.554	91	892006	50.00	ug/L	100
102)	2-chlorotoluene	7.637	126	180063	50.00	ug/L	100
103)	4-chlorotoluene	7.737	91	538477	50.00	ug/L	100
104)	1,3,5-trimethylbenzene	7.674	105	633787	50.00	ug/L	100
105)	tert-butylbenzene	7.863	119	541007	50.00	ug/L	100
106)	1,2,4-trimethylbenzene	7.905	105	657826	50.00	ug/L	100
107)	sec-butylbenzene	7.968	105	782613	50.00	ug/L	100
108)	1,3-dichlorobenzene	8.088	146	375305	50.00	ug/L	100
109)	p-isopropyltoluene	8.052	119	684087	50.00	ug/L	100
110)	1,4-dichlorobenzene	8.141	146	364990	50.00	ug/L	100
111)	1,2-dichlorobenzene	8.382	146	367509	50.00	ug/L	100
112)	1,2,3-trimethylbenzene	8.156	105	657978	50.00	ug/L	100
113)	n-butylbenzene	8.298	92	349102	50.00	ug/L	100
114)	1,2-dibromo-3-chloropr...	8.838	157	89639	50.00	ug/L	100
115)	1,3,5-trichlorobenzene	8.854	180	267638	50.00	ug/L	100
116)	1,2,4-trichlorobenzene	9.216	180	239104	50.00	ug/L	100
117)	hexachlorobutadiene	9.205	225	89915	50.00	ug/L	100
118)	naphthalene	9.399	128	764367	50.00	ug/L	100
119)	1,2,3-trichlorobenzene	9.499	180	233209	50.00	ug/L	100
120)	hexachloroethane	8.366	119	106087	50.00	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4681.D
Acq On : 30 Apr 2023 2:47 am
Operator : PrashanS
Sample : ICC156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 02 08:38:22 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:49:37 2023
Response via : Initial Calibration

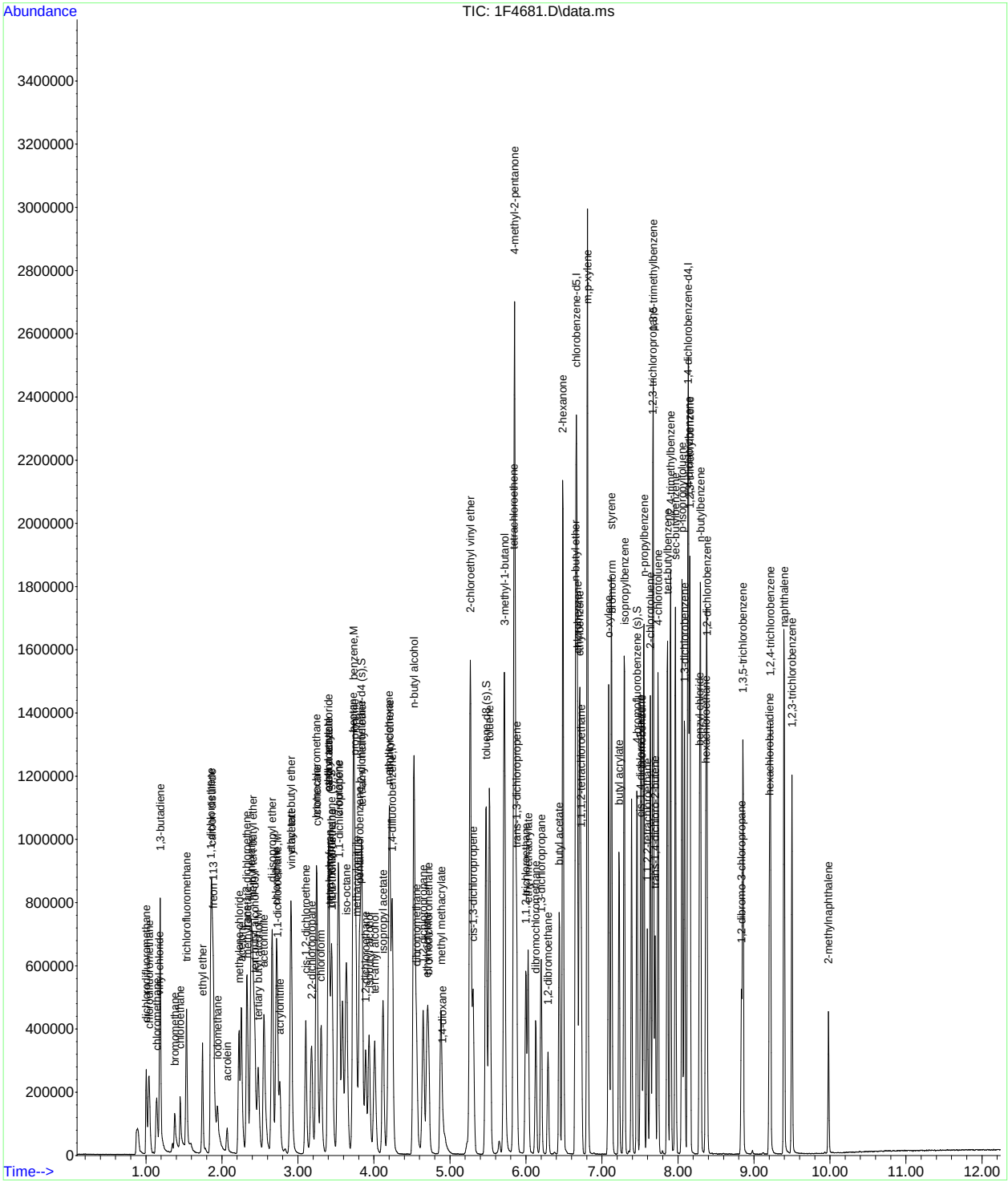
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
121) benzyl chloride	8.282	126	95018	50.00	ug/L	100
122) 2-methylnaphthalene	9.981	142	129661	25.00	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4681.D
Acq On : 30 Apr 2023 2:47 am
Operator : PrashanS
Sample : ICC156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 02 08:38:22 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 12:49:37 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4683.D
Acq On : 30 Apr 2023 3:27 am
Operator : PrashanS
Sample : IC156-100
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 02 08:38:39 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:14:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.437	65	422257	500.00	ug/L		0.00
5) pentafluorobenzene	3.810	168	446914	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	620050	50.00	ug/L		0.00
72) chlorobenzene-d5	6.662	117	569617	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.131	152	289881	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.438	113	189285	47.46	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 94.92%				
51) 1,2-dichloroethane-d4 (s)	3.836	65	217186	49.34	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 98.68%				
73) toluene-d8 (s)	5.472	98	722076	49.29	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.58%				
96) 4-bromofluorobenzene (s)	7.459	95	273475	49.60	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.20%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.484	59	601913	465.75	ug/L		97
4) 1,4-dioxane	4.906	88	214149	2252.37	ug/L		95
6) chlorodifluoromethane	1.037	51	512991	90.52	ug/L		97
7) dichlorodifluoromethane	1.000	85	408418	92.96	ug/L		98
8) chloromethane	1.136	50	386772	85.85	ug/L		99
9) vinyl chloride	1.173	62	379023	94.48	ug/L		99
10) 1,3-butadiene	1.184	39	401940	87.49	ug/L		97
11) bromomethane	1.377	96	149934	123.13	ug/L	#	98
12) chloroethane	1.446	64	188515	66.05	ug/L		97
13) trichlorofluoromethane	1.530	101	452676	83.73	ug/L		99
14) ethyl ether	1.745	74	185489	96.26	ug/L		95
15) acrolein	2.070	56	99468	94.96	ug/L		98
16) freon 113	1.881	151	252569	94.73	ug/L		95
17) 1,1-dichloroethene	1.849	61	428672	100.24	ug/L		99
18) acetone	2.258	58	280341	372.79	ug/L		100
19) acetonitrile	2.552	41	963237	864.20	ug/L		99
20) iodomethane	1.938	142	274063	203.90	ug/L		98
21) carbon disulfide	1.860	76	832454	90.75	ug/L		98
22) methylene chloride	2.222	84	285708	92.91	ug/L		99
23) methyl acetate	2.342	74	100133	105.50	ug/L	#	87
24) methyl tert butyl ether	2.405	73	982947	98.50	ug/L		94
25) trans-1,2-dichloroethene	2.321	61	437300	96.87	ug/L		98
26) hexane	2.379	57	742471	94.97	ug/L		98
27) di-isopropyl ether	2.662	45	1241488	97.09	ug/L		99
28) ethyl tert-butyl ether	2.908	59	1133915	99.25	ug/L		99
29) 2-butanone	3.527	72	338989	407.00	ug/L	#	89
30) 1,1-dichloroethane	2.725	63	590687	98.67	ug/L		97
31) chloroprene	2.714	53	556404	97.60	ug/L		97
32) acrylonitrile	2.762	52	219353	102.18	ug/L		100
33) vinyl acetate	2.908	86	38034	80.65	ug/L	#	86
34) ethyl acetate	3.401	70	72954	99.05	ug/L		92
35) 2,2-dichloropropane	3.176	77	414657	88.28	ug/L		96
36) cis-1,2-dichloroethene	3.102	96	308208	93.88	ug/L		99
37) propionitrile	3.753	54	1181756	998.89	ug/L		96
38) methyl acrylate	3.401	85	85302	103.21	ug/L		99
39) bromochloromethane	3.244	128	157750	92.89	ug/L		98
40) tetrahydrofuran	3.412	71	92414	96.63	ug/L		92
41) chloroform	3.302	47	171316	86.34	ug/L		98
43) methacrylonitrile	3.768	67	224407	97.53	ug/L		98
44) 1,1,1-trichloroethane	3.449	97	490612	96.93	ug/L		99
45) cyclohexane	3.244	84	451627	102.62	ug/L		99
46) 1,1-dichloropropene	3.543	75	422033	98.97	ug/L		97
47) carbon tetrachloride	3.401	117	438036	93.07	ug/L		99
48) isobutyl alcohol	3.941	43	474846	1128.16	ug/L		94
49) tert-amyl alcohol	4.015	55	214431	464.87	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4683.D
Acq On : 30 Apr 2023 3:27 am
Operator : PrashanS
Sample : IC156-100
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 02 08:38:39 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:14:34 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	iso-octane	3.637	57	1169308	100.15	ug/L	99
53)	benzene	3.732	78	1213216	97.71	ug/L	97
54)	tert-amyl methyl ether	3.836	73	1016851	100.31	ug/L	98
55)	heptane	3.726	57	225451	102.71	ug/L	94
56)	isopropyl acetate	4.120	87	105913	103.60	ug/L	100
57)	1,2-dichloroethane	3.889	62	488926	88.29	ug/L	99
58)	n-butyl alcohol	4.534	56	1600714	5398.25	ug/L	98
59)	ethyl acrylate	4.696	55	718529	105.18	ug/L	99
60)	trichloroethene	4.209	130	378980	101.88	ug/L	95
62)	2-chloroethyl vinyl ether	5.268	63	1390712	533.53	ug/L	99
63)	methyl methacrylate	4.880	100	116249	105.33	ug/L	92
64)	1,2-dichloropropane	4.649	63	353333	101.34	ug/L	99
65)	methylcyclohexane	4.198	55	497392	98.17	ug/L	99
66)	dibromomethane	4.560	93	222396	93.21	ug/L	98
67)	bromodichloromethane	4.717	83	451351	97.54	ug/L	100
69)	cis-1,3-dichloropropene	5.305	75	541984	98.68	ug/L	99
70)	4-methyl-2-pentanone	5.855	58	1070776	443.19	ug/L	99
71)	3-methyl-1-butanol	5.719	70	540526	2287.78	ug/L	97
74)	toluene	5.519	92	808255	96.90	ug/L	97
75)	ethyl methacrylate	6.028	69	500838	106.10	ug/L	98
76)	trans-1,3-dichloropropene	5.876	75	540150	98.93	ug/L	99
77)	1,1,2-trichloroethane	5.997	83	271687	95.75	ug/L	97
78)	tetrachloroethene	5.839	166	380060	95.90	ug/L	98
79)	2-hexanone	6.489	58	1179263	430.13	ug/L	99
80)	1,3-dichloropropane	6.201	76	524650	95.87	ug/L	99
81)	butyl acetate	6.437	56	356337	106.94	ug/L	97
82)	dibromochloromethane	6.128	129	376781	97.65	ug/L	99
83)	1,2-dibromoethane	6.290	107	353647	93.97	ug/L	98
84)	n-butyl ether	6.652	57	1584687	105.16	ug/L	99
85)	chlorobenzene	6.678	112	964569	96.87	ug/L	99
86)	1,1,1,2-tetrachloroethane	6.725	131	346454	101.31	ug/L	98
87)	ethylbenzene	6.710	91	1621640	100.80	ug/L	99
88)	m,p-xylene	6.809	106	1244580	208.59	ug/L	96
89)	o-xylene	7.087	106	598793	100.30	ug/L	95
90)	styrene	7.124	104	1043608	109.99	ug/L	99
91)	bromoform	7.129	173	310048	108.62	ug/L	99
92)	butyl acrylate	7.223	55	944897	112.18	ug/L	99
93)	isopropylbenzene	7.297	105	1586743	105.35	ug/L	99
94)	cis-1,4-dichloro-2-butene	7.507	88	233102	114.26	ug/L	96
97)	bromobenzene	7.522	156	421996	98.54	ug/L	98
98)	1,1,2,2-tetrachloroethane	7.596	83	494404	93.39	ug/L	98
99)	trans-1,4-dichloro-2-b...	7.701	53	192222	100.93	ug/L	97
100)	1,2,3-trichloropropane	7.669	110	171722	96.55	ug/L	95
101)	n-propylbenzene	7.554	91	1957509	104.15	ug/L	100
102)	2-chlorotoluene	7.638	126	391512	100.48	ug/L	96
103)	4-chlorotoluene	7.737	91	1170656	99.06	ug/L	99
104)	1,3,5-trimethylbenzene	7.674	105	1371892	104.02	ug/L	99
105)	tert-butylbenzene	7.863	119	1156680	101.33	ug/L	97
106)	1,2,4-trimethylbenzene	7.905	105	1440915	105.04	ug/L	100
107)	sec-butylbenzene	7.968	105	1704049	105.43	ug/L	98
108)	1,3-dichlorobenzene	8.089	146	814138	100.44	ug/L	100
109)	p-isopropyltoluene	8.057	119	1478906	107.10	ug/L	98
110)	1,4-dichlorobenzene	8.141	146	784541	95.61	ug/L	98
111)	1,2-dichlorobenzene	8.382	146	783779	98.14	ug/L	99
112)	1,2,3-trimethylbenzene	8.157	105	1418819	97.91	ug/L	100
113)	n-butylbenzene	8.298	92	765482	106.98	ug/L	96
114)	1,2-dibromo-3-chloropr...	8.838	157	194387	99.95	ug/L	98
115)	1,3,5-trichlorobenzene	8.854	180	561271	98.46	ug/L	99
116)	1,2,4-trichlorobenzene	9.216	180	509510	102.28	ug/L	99
117)	hexachlorobutadiene	9.205	225	185277	98.96	ug/L	99
118)	naphthalene	9.399	128	1725259	111.90	ug/L	98
119)	1,2,3-trichlorobenzene	9.499	180	501245	106.48	ug/L	98
120)	hexachloroethane	8.366	119	236181	117.30	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4683.D
Acq On : 30 Apr 2023 3:27 am
Operator : PrashanS
Sample : IC156-100
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 02 08:38:39 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:14:34 2023
Response via : Initial Calibration

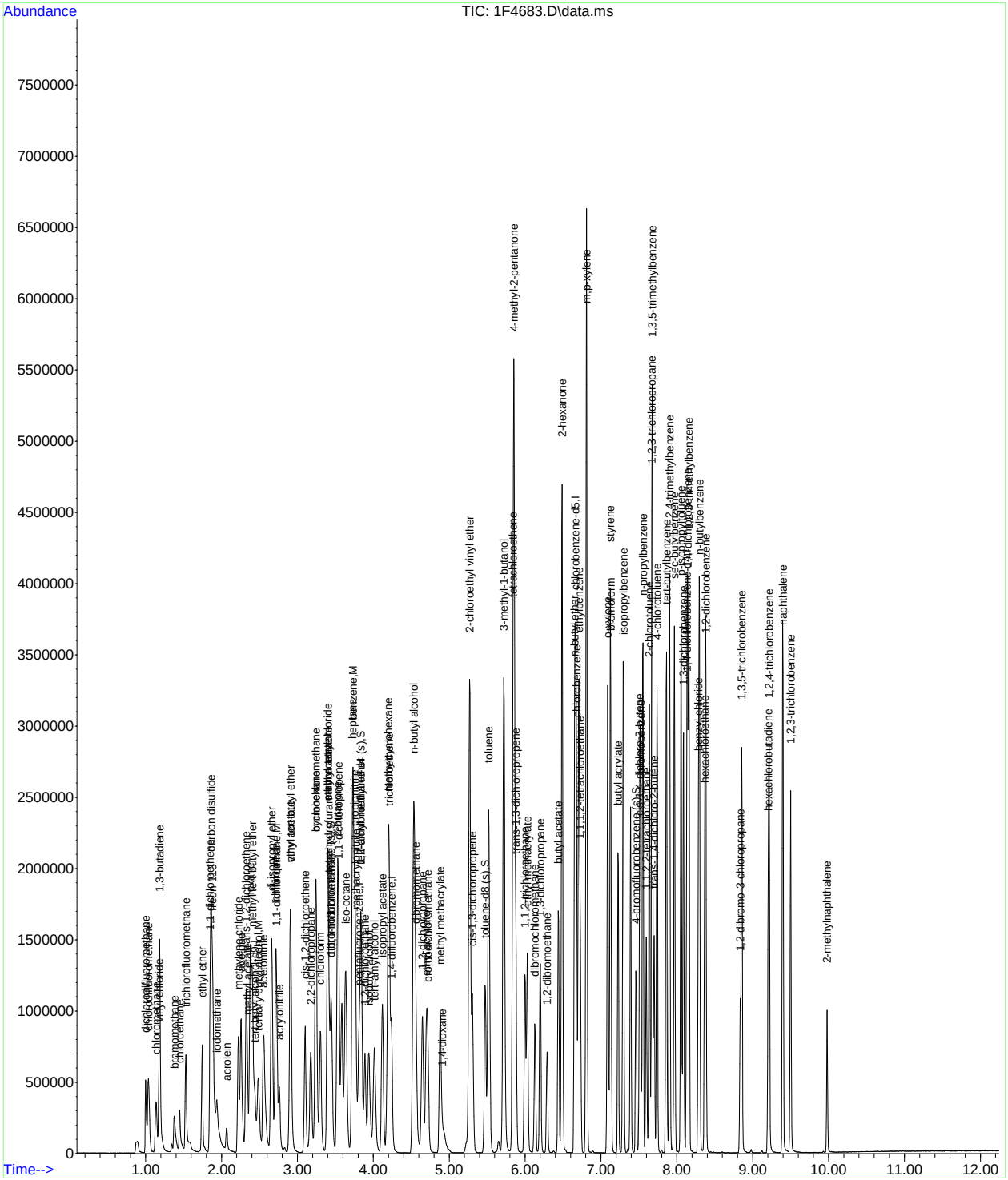
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
121) benzyl chloride	8.283	126	204433	102.71 ug/L	97
122) 2-methylnaphthalene	9.981	142	284225	44.01 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4683.D
Acq On : 30 Apr 2023 3:27 am
Operator : PrashanS
Sample : IC156-100
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 02 08:38:39 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:14:34 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4685.D
Acq On : 30 Apr 2023 4:08 am
Operator : PrashanS
Sample : IC156-200
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 02 08:38:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:15:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.457	65	473974	500.00	ug/L		0.03
5) pentafluorobenzene	3.810	168	460559	50.00	ug/L		0.00
50) 1,4-difluorobenzene	4.240	114	650227	50.00	ug/L		0.00
72) chlorobenzene-d5	6.667	117	596795	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	8.130	152	297154	50.00	ug/L		0.00
System Monitoring Compounds							
42) dibromofluoromethane (s)	3.443	113	199477	48.81	ug/L		0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 97.62%				
51) 1,2-dichloroethane-d4 (s)	3.841	65	229098	49.70	ug/L		0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 99.40%				
73) toluene-d8 (s)	5.477	98	758836	49.52	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.04%				
96) 4-bromofluorobenzene (s)	7.459	95	291323	51.59	ug/L		0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 103.18%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	2.510	59	1343888	933.52	ug/L		97
4) 1,4-dioxane	4.922	88	445194	4231.40	ug/L		95
6) chlorodifluoromethane	1.042	51	1057178	183.20	ug/L		98
7) dichlorodifluoromethane	1.005	85	819862	182.51	ug/L		97
8) chloromethane	1.141	50	810579	177.74	ug/L		100
9) vinyl chloride	1.178	62	777961	189.48	ug/L		100
10) 1,3-butadiene	1.188	39	819443	176.76	ug/L		98
11) bromomethane	1.383	96	343917	265.30	ug/L	#	98
12) chloroethane	1.451	64	352605	126.00	ug/L		98
13) trichlorofluoromethane	1.535	101	682396	124.73	ug/L		99
14) ethyl ether	1.755	74	384069	194.31	ug/L		95
15) acrolein	2.075	56	216726	202.05	ug/L		96
16) freon 113	1.881	151	519779	190.44	ug/L		96
17) 1,1-dichloroethene	1.849	61	906155	205.56	ug/L		98
18) acetone	2.269	58	614729	799.26	ug/L		95
19) acetonitrile	2.567	41	1909409	1695.23	ug/L		97
21) carbon disulfide	1.860	76	1795189	192.12	ug/L		98
22) methylene chloride	2.227	84	610390	194.34	ug/L		98
23) methyl acetate	2.347	74	223413	226.86	ug/L	#	76
24) methyl tert butyl ether	2.410	73	2095941	204.16	ug/L		92
25) trans-1,2-dichloroethene	2.326	61	935187	201.73	ug/L		98
26) hexane	2.379	57	1625100	202.98	ug/L		97
27) di-isopropyl ether	2.667	45	2704713	205.92	ug/L		99
28) ethyl tert-butyl ether	2.913	59	2449856	208.26	ug/L		99
29) 2-butanone	3.537	72	731251	850.29	ug/L		91
30) 1,1-dichloroethane	2.730	63	1255917	203.88	ug/L		98
31) chloroprene	2.714	53	1185859	202.39	ug/L		97
32) acrylonitrile	2.772	52	465805	209.99	ug/L		99
33) vinyl acetate	2.913	86	103602	220.29	ug/L		97
34) ethyl acetate	3.406	70	154704	204.09	ug/L		94
35) 2,2-dichloropropane	3.181	77	867002	181.47	ug/L		98
36) cis-1,2-dichloroethene	3.107	96	680447	202.51	ug/L		99
37) propionitrile	3.763	54	2595847	2129.42	ug/L		93
38) methyl acrylate	3.412	85	180353	210.78	ug/L		96
39) bromochloromethane	3.249	128	325507	187.66	ug/L		98
40) tetrahydrofuran	3.422	71	202240	206.36	ug/L		99
41) chloroform	3.307	47	362585	180.40	ug/L		97
43) methacrylonitrile	3.773	67	478928	202.70	ug/L		92
44) 1,1,1-trichloroethane	3.454	97	1023938	196.99	ug/L		99
45) cyclohexane	3.244	84	938960	206.43	ug/L		96
46) 1,1-dichloropropene	3.543	75	887739	202.24	ug/L		99
47) carbon tetrachloride	3.401	117	922780	191.92	ug/L		99
48) isobutyl alcohol	3.962	43	1095467	2485.74	ug/L		95
49) tert-amyl alcohol	4.030	55	491280	1043.98	ug/L		99
52) iso-octane	3.637	57	2647092	216.17	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4685.D
Acq On : 30 Apr 2023 4:08 am
Operator : PrashanS
Sample : IC156-200
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 02 08:38:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:15:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) benzene	3.737	78	2600156	200.21	ug/L	95
54) tert-amyl methyl ether	3.847	73	2193929	206.30	ug/L	99
55) heptane	3.726	57	492778	213.36	ug/L	95
56) isopropyl acetate	4.125	87	228583	212.12	ug/L	96
57) 1,2-dichloroethane	3.894	62	1025113	179.15	ug/L	98
58) n-butyl alcohol	4.555	56	3652841	11631.32	ug/L	100
59) ethyl acrylate	4.701	55	1576651	218.46	ug/L	100
60) trichloroethene	4.208	130	776299	198.59	ug/L	99
62) 2-chloroethyl vinyl ether	5.278	63	3056934	1110.06	ug/L	98
63) methyl methacrylate	4.885	100	251887	215.99	ug/L	92
64) 1,2-dichloropropane	4.649	63	756236	206.49	ug/L	98
65) methylcyclohexane	4.198	55	1066697	201.23	ug/L	98
66) dibromomethane	4.560	93	474403	191.23	ug/L	97
67) bromodichloromethane	4.717	83	957877	197.94	ug/L	100
69) cis-1,3-dichloropropene	5.310	75	1168433	203.16	ug/L	100
70) 4-methyl-2-pentanone	5.860	58	2386392	930.71	ug/L	95
71) 3-methyl-1-butanol	5.734	70	1257184	4994.25	ug/L	99
74) toluene	5.519	92	1728303	198.46	ug/L	97
75) ethyl methacrylate	6.033	69	1096594	220.23	ug/L	98
76) trans-1,3-dichloropropene	5.881	75	1149786	201.24	ug/L	99
77) 1,1,2-trichloroethane	6.002	83	576992	195.01	ug/L	97
78) tetrachloroethene	5.839	166	790693	191.29	ug/L	98
79) 2-hexanone	6.489	58	2685811	927.26	ug/L	95
80) 1,3-dichloropropane	6.201	76	1123454	196.84	ug/L	99
81) butyl acetate	6.442	56	792608	225.30	ug/L	98
82) dibromochloromethane	6.133	129	824618	204.52	ug/L	98
83) 1,2-dibromoethane	6.295	107	753409	192.37	ug/L	99
84) n-butyl ether	6.657	57	3564176	224.29	ug/L	98
85) chlorobenzene	6.678	112	2107291	202.69	ug/L	99
86) 1,1,1,2-tetrachloroethane	6.730	131	739154	206.00	ug/L	99
87) ethylbenzene	6.709	91	3575314	211.94	ug/L	98
88) m,p-xylene	6.814	106	2702312	430.23	ug/L	94
89) o-xylene	7.092	106	1300979	207.92	ug/L	97
90) styrene	7.124	104	2283051	227.15	ug/L	98
91) bromoform	7.134	173	662769	219.26	ug/L	99
92) butyl acrylate	7.228	55	2094476	234.17	ug/L	100
93) isopropylbenzene	7.297	105	3508833	221.03	ug/L	97
94) cis-1,4-dichloro-2-butene	7.512	88	512400	234.94	ug/L	93
97) bromobenzene	7.522	156	902708	205.96	ug/L	94
98) 1,1,2,2-tetrachloroethane	7.601	83	1125237	208.88	ug/L	99
99) trans-1,4-dichloro-2-b...	7.700	53	428584	219.28	ug/L	98
100) 1,2,3-trichloropropane	7.669	110	357412	196.89	ug/L	95
101) n-propylbenzene	7.554	91	4311245	222.73	ug/L	97
102) 2-chlorotoluene	7.643	126	826790	206.90	ug/L	98
103) 4-chlorotoluene	7.742	91	2559126	211.47	ug/L	99
104) 1,3,5-trimethylbenzene	7.679	105	2973947	219.00	ug/L	99
105) tert-butylbenzene	7.863	119	2497582	213.12	ug/L	96
106) 1,2,4-trimethylbenzene	7.905	105	3123471	220.89	ug/L	97
107) sec-butylbenzene	7.968	105	3704945	222.27	ug/L	97
108) 1,3-dichlorobenzene	8.088	146	1730401	208.15	ug/L	99
109) p-isopropyltoluene	8.057	119	3218818	225.62	ug/L	97
110) 1,4-dichlorobenzene	8.141	146	1657915	198.06	ug/L	99
111) 1,2-dichlorobenzene	8.382	146	1654490	202.52	ug/L	98
112) 1,2,3-trimethylbenzene	8.156	105	3074821	207.47	ug/L	96
113) n-butylbenzene	8.298	92	1642853	222.26	ug/L	91
114) 1,2-dibromo-3-chloropr...	8.838	157	415415	208.38	ug/L	97
115) 1,3,5-trichlorobenzene	8.859	180	1224351	209.87	ug/L	98
116) 1,2,4-trichlorobenzene	9.216	180	1116307	218.05	ug/L	98
117) hexachlorobutadiene	9.205	225	408499	213.13	ug/L	97
118) naphthalene	9.399	128	3824727	238.84	ug/L	98
119) 1,2,3-trichlorobenzene	9.499	180	1067282	219.59	ug/L	99
120) hexachloroethane	8.371	119	525041	248.99	ug/L	96
121) benzyl chloride	8.288	126	420365	205.33	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4685.D
Acq On : 30 Apr 2023 4:08 am
Operator : PrashanS
Sample : IC156-200
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 02 08:38:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:15:42 2023
Response via : Initial Calibration

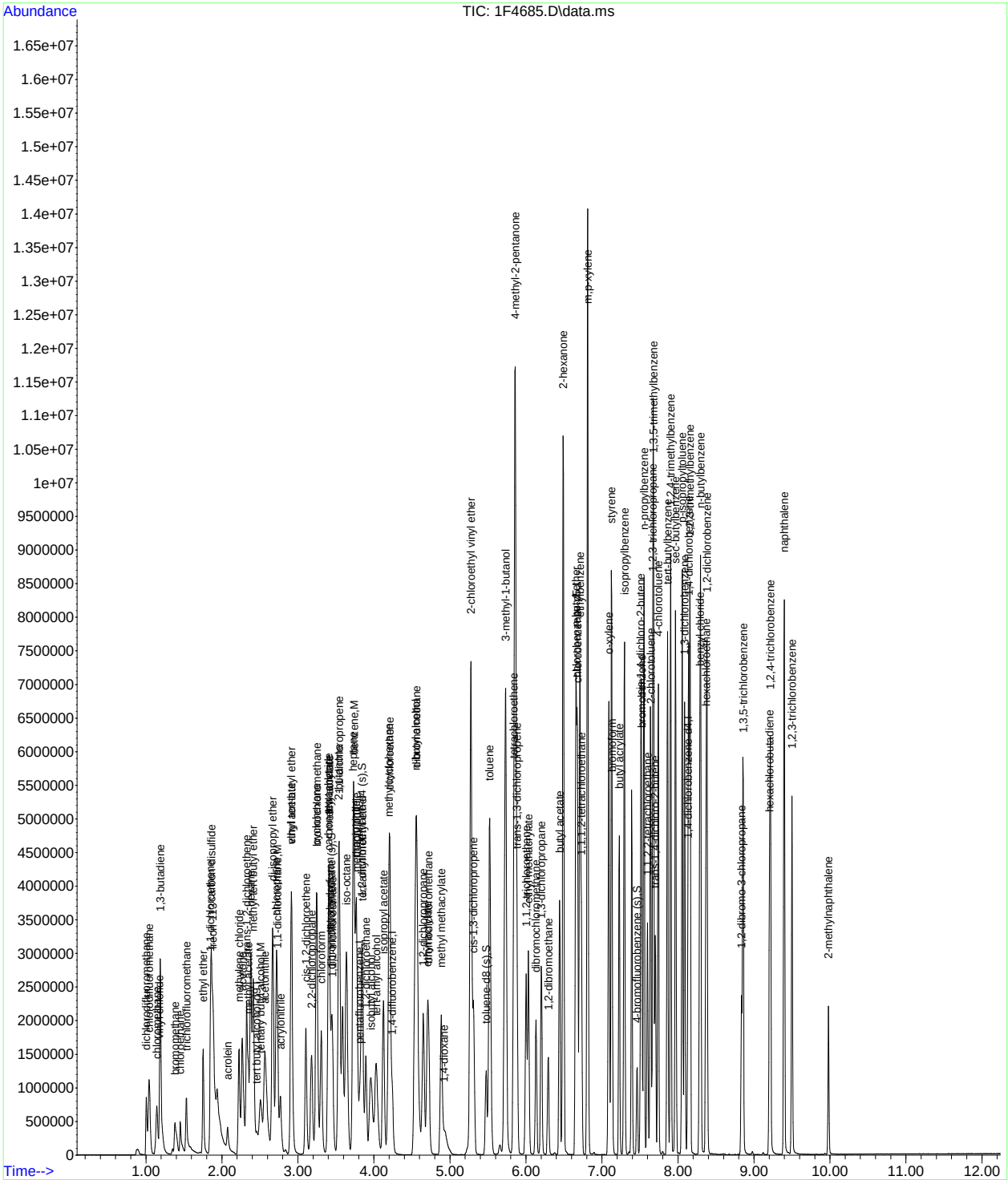
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 2-methylnaphthalene	9.981	142	643223	98.64	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4685.D
Acq On : 30 Apr 2023 4:08 am
Operator : PrashanS
Sample : IC156-200
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 02 08:38:58 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Mon May 01 13:15:42 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4691.D
Acq On : 30 Apr 2023 6:09 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 08:48:13 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.426	65	405736	500.00	ug/L	0.00
5) pentafluorobenzene	3.810	168	431387	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.240	114	614410	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	551380	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	273801	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.438	113	182589	47.81	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 95.62%			
51) 1,2-dichloroethane-d4 (s)	3.836	65	207184	47.60	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 95.20%			
73) toluene-d8 (s)	5.472	98	707525	50.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.04%			
96) 4-bromofluorobenzene (s)	7.459	95	258804	49.58	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 99.16%			
Target Compounds						Qvalue
3) tertiary butyl alcohol	2.473	59	299475	244.64	ug/L	96
4) 1,4-dioxane	4.901	88	112286	1271.15	ug/L	96
7) dichlorodifluoromethane	1.000	85	204775	49.10	ug/L	97
8) chloromethane	1.136	50	219145	51.94	ug/L	100
9) vinyl chloride	1.173	62	212721	55.64	ug/L	99
10) 1,3-butadiene	1.183	39	194416	45.53	ug/L	97
11) bromomethane	1.377	96	73221	57.94	ug/L #	97
12) chloroethane	1.445	64	119406	58.62	ug/L	97
13) trichlorofluoromethane	1.529	101	305347	61.92	ug/L	98
14) ethyl ether	1.739	74	90551	49.07	ug/L	99
15) acrolein	2.064	56	56795	56.46	ug/L	96
16) freon 113	1.881	151	124760	49.06	ug/L	96
17) 1,1-dichloroethene	1.849	61	243020	58.69	ug/L	99
18) acetone	2.253	58	139078	193.07	ug/L	98
19) acetonitrile	2.552	41	502329	485.39	ug/L	98
20) iodomethane	1.938	142	104357	48.31	ug/L	98
21) carbon disulfide	1.865	76	419102	48.10	ug/L	99
22) methylene chloride	2.221	84	148156	50.52	ug/L	98
23) methyl acetate	2.337	74	49789	53.18	ug/L	97
24) methyl tert butyl ether	2.400	73	492658	51.13	ug/L	96
25) trans-1,2-dichloroethene	2.321	61	230557	53.05	ug/L	97
26) hexane	2.379	57	377549	50.26	ug/L	97
27) di-isopropyl ether	2.657	45	602488	48.83	ug/L	99
28) ethyl tert-butyl ether	2.903	59	547117	49.45	ug/L	100
29) 2-butanone	3.527	72	177991	219.58	ug/L	93
30) 1,1-dichloroethane	2.725	63	306522	53.02	ug/L	99
31) chloroprene	2.714	53	282516	51.42	ug/L	98
32) acrylonitrile	2.756	52	107836	51.61	ug/L	99
33) vinyl acetate	2.908	86	14279	31.95	ug/L	100
34) ethyl acetate	3.401	70	35326	49.63	ug/L	96
35) 2,2-dichloropropane	3.176	77	209103	47.16	ug/L	99
36) cis-1,2-dichloroethene	3.102	96	161287	51.18	ug/L	100
37) propionitrile	3.747	54	563737	490.54	ug/L	99
38) methyl acrylate	3.401	85	43333	53.71	ug/L	99
39) bromochloromethane	3.244	128	80413	49.84	ug/L	97
40) tetrahydrofuran	3.412	71	45802	49.67	ug/L	95
41) chloroform	3.301	47	90001	48.33	ug/L	98
43) methacrylonitrile	3.763	67	110068	49.65	ug/L	94
44) 1,1,1-trichloroethane	3.448	97	254985	52.45	ug/L	97
45) cyclohexane	3.244	84	253306	59.27	ug/L	98
46) 1,1-dichloropropene	3.543	75	222214	53.99	ug/L	99
47) carbon tetrachloride	3.396	117	226630	50.55	ug/L	99
48) isobutyl alcohol	3.936	43	215644	508.68	ug/L	92
49) tert-amyl alcohol	4.009	55	104987	236.88	ug/L	98
52) iso-octane	3.637	57	509973	43.72	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4691.D
Acq On : 30 Apr 2023 6:09 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 08:48:13 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) benzene	3.731	78	622606	50.73	ug/L		99
54) tert-amyl methyl ether	3.836	73	482400	47.84	ug/L		99
55) heptane	3.726	57	108905	49.53	ug/L		92
56) isopropyl acetate	4.119	87	51038	49.75	ug/L	#	91
57) 1,2-dichloroethane	3.889	62	241424	45.18	ug/L		98
58) n-butyl alcohol	4.528	56	793598	2626.66	ug/L		97
59) ethyl acrylate	4.696	55	355379	51.52	ug/L		99
60) trichloroethene	4.208	130	198066	53.66	ug/L		96
62) 2-chloroethyl vinyl ether	5.268	63	527211	200.40	ug/L		100
63) methyl methacrylate	4.880	100	70438	63.29	ug/L		89
64) 1,2-dichloropropane	4.644	63	172938	49.79	ug/L		98
65) methylcyclohexane	4.198	55	248852	49.65	ug/L		98
66) dibromomethane	4.555	93	111921	47.98	ug/L		95
67) bromodichloromethane	4.717	83	219985	48.16	ug/L		99
69) cis-1,3-dichloropropene	5.304	75	251957	46.29	ug/L		100
70) 4-methyl-2-pentanone	5.850	58	517488	210.16	ug/L		97
71) 3-methyl-1-butanol	5.713	70	264076	1083.29	ug/L		97
74) toluene	5.519	92	401425	49.93	ug/L		100
75) ethyl methacrylate	6.028	69	201120	43.28	ug/L		99
76) trans-1,3-dichloropropene	5.876	75	247103	46.78	ug/L		100
77) 1,1,2-trichloroethane	5.996	83	130044	47.69	ug/L		94
78) tetrachloroethene	5.839	166	350014	92.05	ug/L		99
79) 2-hexanone	6.484	58	557503	205.07	ug/L		98
80) 1,3-dichloropropane	6.201	76	260088	49.40	ug/L		99
81) butyl acetate	6.437	56	173807	52.81	ug/L		97
82) dibromochloromethane	6.127	129	181160	48.52	ug/L		97
83) 1,2-dibromoethane	6.290	107	170225	47.22	ug/L		100
84) n-butyl ether	6.652	57	788880	53.02	ug/L		100
85) chlorobenzene	6.673	112	468259	48.68	ug/L		96
86) 1,1,1,2-tetrachloroethane	6.725	131	167562	50.39	ug/L		97
87) ethylbenzene	6.709	91	781022	49.81	ug/L		98
88) m,p-xylene	6.809	106	609439	104.23	ug/L		100
89) o-xylene	7.087	106	291400	50.21	ug/L		99
90) styrene	7.124	104	414926	44.08	ug/L		99
91) bromoform	7.129	173	142581	50.51	ug/L		97
92) butyl acrylate	7.223	55	448507	53.36	ug/L		99
93) isopropylbenzene	7.297	105	769735	51.94	ug/L		99
94) cis-1,4-dichloro-2-butene	7.506	88	102370	49.72	ug/L		96
97) bromobenzene	7.522	156	200657	49.54	ug/L		99
98) 1,1,2,2-tetrachloroethane	7.596	83	221628	44.45	ug/L		98
99) trans-1,4-dichloro-2-b...	7.700	53	96049	52.77	ug/L		100
100) 1,2,3-trichloropropane	7.669	110	81182	48.62	ug/L		96
101) n-propylbenzene	7.554	91	917818	50.88	ug/L		97
102) 2-chlorotoluene	7.637	126	187729	50.81	ug/L		100
103) 4-chlorotoluene	7.737	91	558908	49.84	ug/L		99
104) 1,3,5-trimethylbenzene	7.674	105	654207	51.79	ug/L		99
105) tert-butylbenzene	7.863	119	559791	51.50	ug/L		96
106) 1,2,4-trimethylbenzene	7.905	105	665186	50.53	ug/L		99
107) sec-butylbenzene	7.968	105	812882	52.34	ug/L		99
108) 1,3-dichlorobenzene	8.088	146	381497	49.60	ug/L		99
109) p-isopropyltoluene	8.052	119	699955	52.57	ug/L		99
110) 1,4-dichlorobenzene	8.141	146	392073	50.88	ug/L		100
111) 1,2-dichlorobenzene	8.382	146	371165	49.24	ug/L		99
113) n-butylbenzene	8.298	92	357278	51.88	ug/L		99
114) 1,2-dibromo-3-chloropr...	8.838	157	94118	51.03	ug/L		97
115) 1,3,5-trichlorobenzene	8.854	180	291484	53.96	ug/L		99
116) 1,2,4-trichlorobenzene	9.216	180	240050	50.43	ug/L		99
117) hexachlorobutadiene	9.205	225	93331	52.47	ug/L		96
118) naphthalene	9.399	128	793445	52.75	ug/L		99
119) 1,2,3-trichlorobenzene	9.499	180	237934	52.61	ug/L		96
120) hexachloroethane	8.366	119	112119	56.18	ug/L		98
121) benzyl chloride	8.288	126	90095	47.62	ug/L		95
122) 2-methylnaphthalene	9.981	142	139447	23.24	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4691.D
Acq On : 30 Apr 2023 6:09 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 08:48:13 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

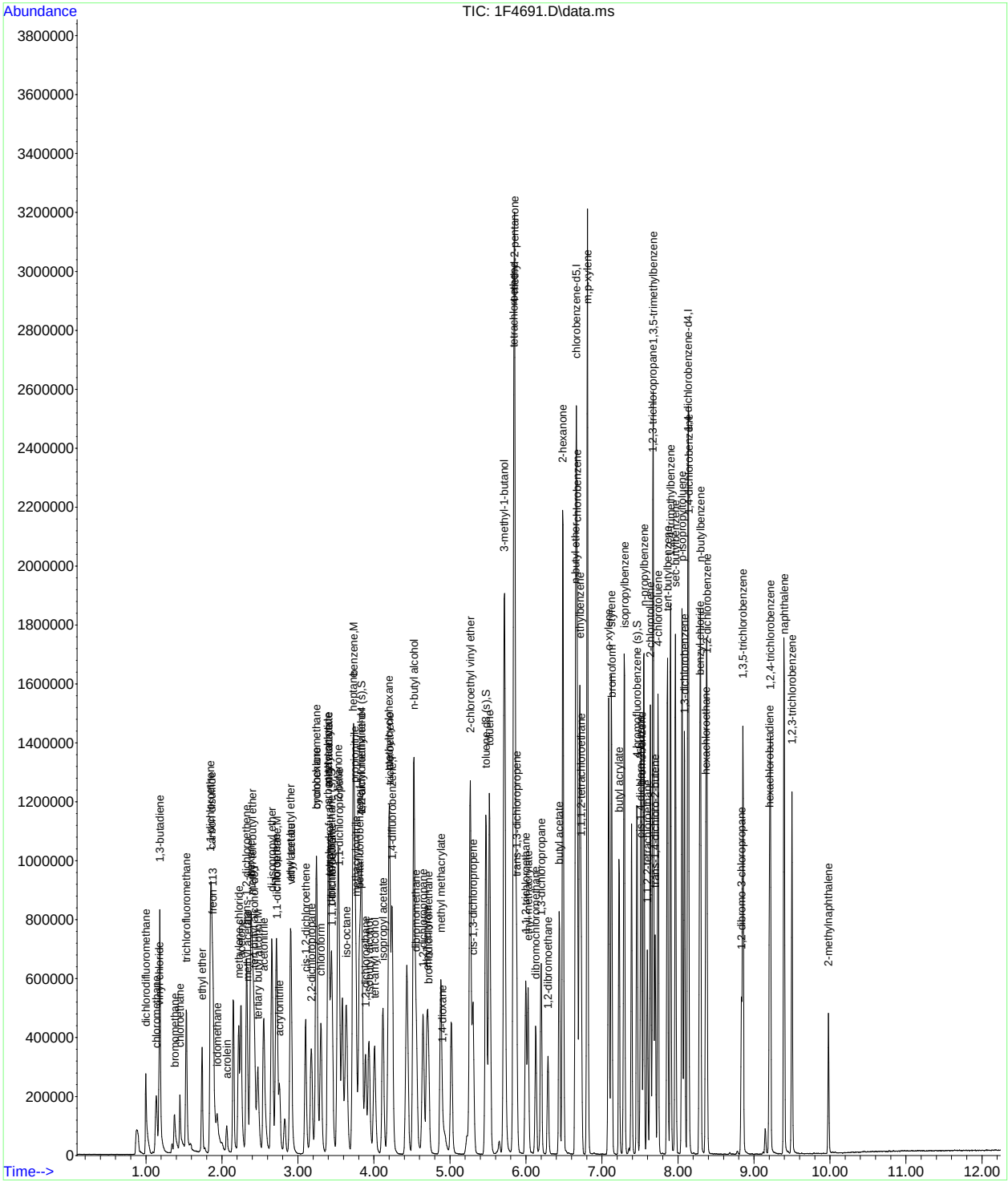
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4691.D
Acq On : 30 Apr 2023 6:09 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 08:48:13 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4693.D
Acq On : 30 Apr 2023 6:50 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 02 08:46:52 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

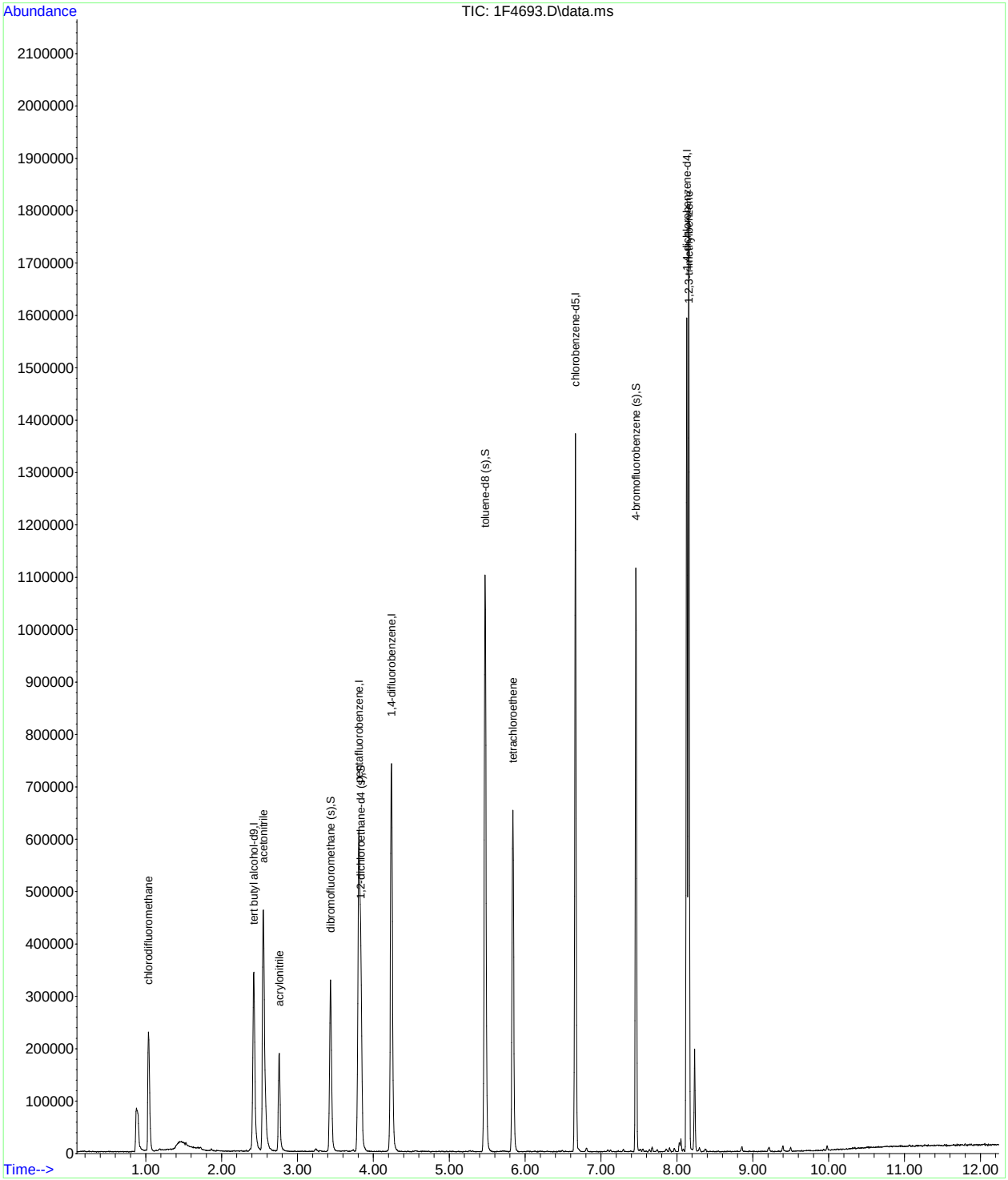
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.426	65	361794	500.00	ug/L	0.00
5) pentafluorobenzene	3.810	168	409629	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.240	114	588161	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	510555	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	251585	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.438	113	180634	49.81	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.62%			
51) 1,2-dichloroethane-d4 (s)	3.836	65	201933	48.46	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 96.92%			
73) toluene-d8 (s)	5.472	98	664999	50.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.56%			
96) 4-bromofluorobenzene (s)	7.459	95	240831	50.21	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 100.42%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.036	51	262923	51.71	ug/L	96
19) acetonitrile	2.552	41	513499	522.53	ug/L	99
32) acrylonitrile	2.761	52	101563	51.19	ug/L	95
78) tetrachloroethene	5.839	166	165163	46.91	ug/L	96
112) 1,2,3-trimethylbenzene	8.157	105	642046	50.98	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\VF156\
Data File : 1F4693.D
Acq On : 30 Apr 2023 6:50 am
Operator : PrashanS
Sample : ICV156-50
Misc : MS68327,V1F156,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 02 08:46:52 2023
Quant Method : C:\MSDCHEM\1\METHODS\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5288.d
Acq On : 19 May 2023 10:28 am
Operator : nickw
Sample : cc156-20 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 22 12:15:39 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.415	65	297174	500.00	ug/L	-0.02
5) pentafluorobenzene	3.810	168	355879	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	501754	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	454256	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	232234	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	156837	49.78	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.56%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	197975	55.69	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 111.38%			
73) toluene-d8 (s)	5.472	98	571351	49.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.06%			
96) 4-bromofluorobenzene (s)	7.459	95	218157	49.27	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 98.54%			
Target Compounds						Qvalue
3) tertiary butyl alcohol	2.463	59	84582	94.3363	ug/L	95
4) 1,4-dioxane	4.895	88	20186	312.0002	ug/L	94
6) chlorodifluoromethane	1.037	51	77253	17.4879	ug/L	93
7) dichlorodifluoromethane	1.000	85	71773	20.8599	ug/L	99
8) chloromethane	1.136	50	85111	24.4546	ug/L	99
9) vinyl chloride	1.173	62	68553	21.7353	ug/L	95
10) 1,3-butadiene	1.183	39	67260	19.0934	ug/L	99
11) bromomethane	1.372	96	21381	20.5077	ug/L #	97
12) chloroethane	1.451	64	35786	19.6562	ug/L	93
13) trichlorofluoromethane	1.540	101	81928	20.1381	ug/L	98
14) ethyl ether	1.739	74	26275	17.2581	ug/L	91
15) acrolein	2.059	56	22750	27.4163	ug/L	99
16) freon 113	1.881	151	38305	18.2593	ug/L	95
17) 1,1-dichloroethene	1.854	61	67401	19.7320	ug/L	91
18) acetone	2.248	58	41982	70.6468	ug/L #	81
19) acetonitrile	2.547	41	171192	200.5152	ug/L	99
20) iodomethane	1.938	142	33105	21.7779	ug/L	97
21) carbon disulfide	1.865	76	117102	16.2899	ug/L	98
22) methylene chloride	2.221	84	44061	18.2120	ug/L	91
23) methyl acetate	2.332	74	14001	18.1283	ug/L #	56
24) methyl tert butyl ether	2.394	73	154092	19.3842	ug/L	70
25) trans-1,2-dichloroethene	2.321	61	69983	19.5195	ug/L	95
26) hexane	2.379	57	124087	20.0245	ug/L	95
27) di-isopropyl ether	2.657	45	220276	21.6397	ug/L	98
28) ethyl tert-butyl ether	2.903	59	182326	19.9759	ug/L	98
29) 2-butanone	3.527	72	50294	75.2107	ug/L #	86
30) 1,1-dichloroethane	2.725	63	95692	20.0647	ug/L	96
31) chloroprene	2.714	53	93259	20.5736	ug/L	96
32) acrylonitrile	2.756	52	40033	23.2269	ug/L	96
33) vinyl acetate	2.903	86	11712	31.7684	ug/L #	77
34) ethyl acetate	3.396	70	10876	18.5210	ug/L #	73
35) 2,2-dichloropropane	3.176	77	78138	21.3636	ug/L	98
36) cis-1,2-dichloroethene	3.102	96	47975	18.4545	ug/L	91
37) propionitrile	3.742	54	189882	200.2848	ug/L	99
38) methyl acrylate	3.396	85	12537	18.8352	ug/L #	86
39) bromochloromethane	3.244	128	25072	18.8353	ug/L	93
40) tetrahydrofuran	3.406	71	13765	18.0946	ug/L #	73
41) chloroform	3.302	47	31804	20.7038	ug/L	95
43) methacrylonitrile	3.763	67	34999	19.1376	ug/L	83
44) 1,1,1-trichloroethane	3.443	97	79417	19.8021	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5288.d
Acq On : 19 May 2023 10:28 am
Operator : nickw
Sample : cc156-20 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 22 12:15:39 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cyclohexane	3.244	84	67320	19.0927	ug/L		91
46) 1,1-dichloropropene	3.543	75	63305	18.6431	ug/L		99
47) carbon tetrachloride	3.396	117	70848	19.1555	ug/L		97
48) isobutyl alcohol	3.931	43	63198	180.7082	ug/L		98
49) tert-amyl alcohol	3.999	55	34474	94.2884	ug/L	#	82
52) iso-octane	3.632	57	197713	20.7556	ug/L		93
53) benzene	3.731	78	179794	17.9385	ug/L		86
54) tert-amyl methyl ether	3.836	73	153217	18.6051	ug/L		95
55) heptane	3.721	57	40210	22.3956	ug/L		93
56) isopropyl acetate	4.114	87	14840	17.7122	ug/L	#	84
57) 1,2-dichloroethane	3.889	62	85871	19.6759	ug/L		96
58) n-butyl alcohol	4.518	56	202572	821.0138	ug/L		95
59) ethyl acrylate	4.691	55	114699	20.3604	ug/L		98
60) trichloroethene	4.203	130	53330	17.6922	ug/L		100
62) 2-chloroethyl vinyl ether	5.262	63	199005	92.6284	ug/L		98
63) methyl methacrylate	4.880	100	17344	19.0821	ug/L	#	84
64) 1,2-dichloropropane	4.644	63	56321	19.8574	ug/L		99
65) methylcyclohexane	4.198	55	84027	20.5280	ug/L		97
66) dibromomethane	4.555	93	34595	18.1602	ug/L		99
67) bromodichloromethane	4.712	83	72744	19.5004	ug/L		97
69) cis-1,3-dichloropropene	5.299	75	84396	18.9867	ug/L		88
70) 4-methyl-2-pentanone	5.850	58	167542	83.3167	ug/L		90
71) 3-methyl-1-butanol	5.708	70	64301	322.9983	ug/L		86
74) toluene	5.519	92	119214	17.9984	ug/L		97
75) ethyl methacrylate	6.028	69	69764	18.2231	ug/L		85
76) trans-1,3-dichloropropene	5.876	75	84741	19.4732	ug/L		100
77) 1,1,2-trichloroethane	5.996	83	42237	18.8017	ug/L		91
78) tetrachloroethene	5.839	166	57324	18.2999	ug/L		98
79) 2-hexanone	6.484	58	187407	83.6726	ug/L		89
80) 1,3-dichloropropane	6.196	76	80971	18.6678	ug/L		93
81) butyl acetate	6.437	56	57187	21.0895	ug/L		94
82) dibromochloromethane	6.128	129	60025	19.5146	ug/L		96
83) 1,2-dibromoethane	6.290	107	53235	17.9259	ug/L		99
84) n-butyl ether	6.652	57	248009	20.2315	ug/L		98
85) chlorobenzene	6.673	112	143896	18.1596	ug/L		96
86) 1,1,1,2-tetrachloroethane	6.725	131	53412	19.4985	ug/L		98
87) ethylbenzene	6.704	91	240877	18.6478	ug/L		98
88) m,p-xylene	6.809	106	183738	38.1430	ug/L		97
89) o-xylene	7.087	106	86870	18.1677	ug/L		100
90) styrene	7.124	104	147876	19.0703	ug/L		99
91) bromoform	7.129	173	47345	20.3595	ug/L		97
92) butyl acrylate	7.223	55	146289	21.1268	ug/L		97
93) isopropylbenzene	7.291	105	233239	19.1020	ug/L		96
94) cis-1,4-dichloro-2-butene	7.506	88	35210	20.7570	ug/L		96
97) bromobenzene	7.517	156	63890	18.5967	ug/L		89
98) 1,1,2,2-tetrachloroethane	7.596	83	80856	19.1204	ug/L		96
99) trans-1,4-dichloro-2-b...	7.695	53	40765	26.4042	ug/L		80
100) 1,2,3-trichloropropane	7.669	110	24785	17.5005	ug/L		95
101) n-propylbenzene	7.548	91	283813	18.5507	ug/L		98
102) 2-chlorotoluene	7.638	126	58287	18.5991	ug/L		100
103) 4-chlorotoluene	7.737	91	176542	18.5596	ug/L		98
104) 1,3,5-trimethylbenzene	7.674	105	198447	18.5230	ug/L		97
105) tert-butylbenzene	7.858	119	165082	17.9070	ug/L		94
106) 1,2,4-trimethylbenzene	7.900	105	207605	18.5920	ug/L		98
107) sec-butylbenzene	7.963	105	244698	18.5771	ug/L		98
108) 1,3-dichlorobenzene	8.083	146	121696	18.6553	ug/L		97
109) p-isopropyltoluene	8.052	119	211279	18.7096	ug/L		99
110) 1,4-dichlorobenzene	8.136	146	117924	18.0432	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5288.d
Acq On : 19 May 2023 10:28 am
Operator : nickw
Sample : cc156-20 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 22 12:15:39 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

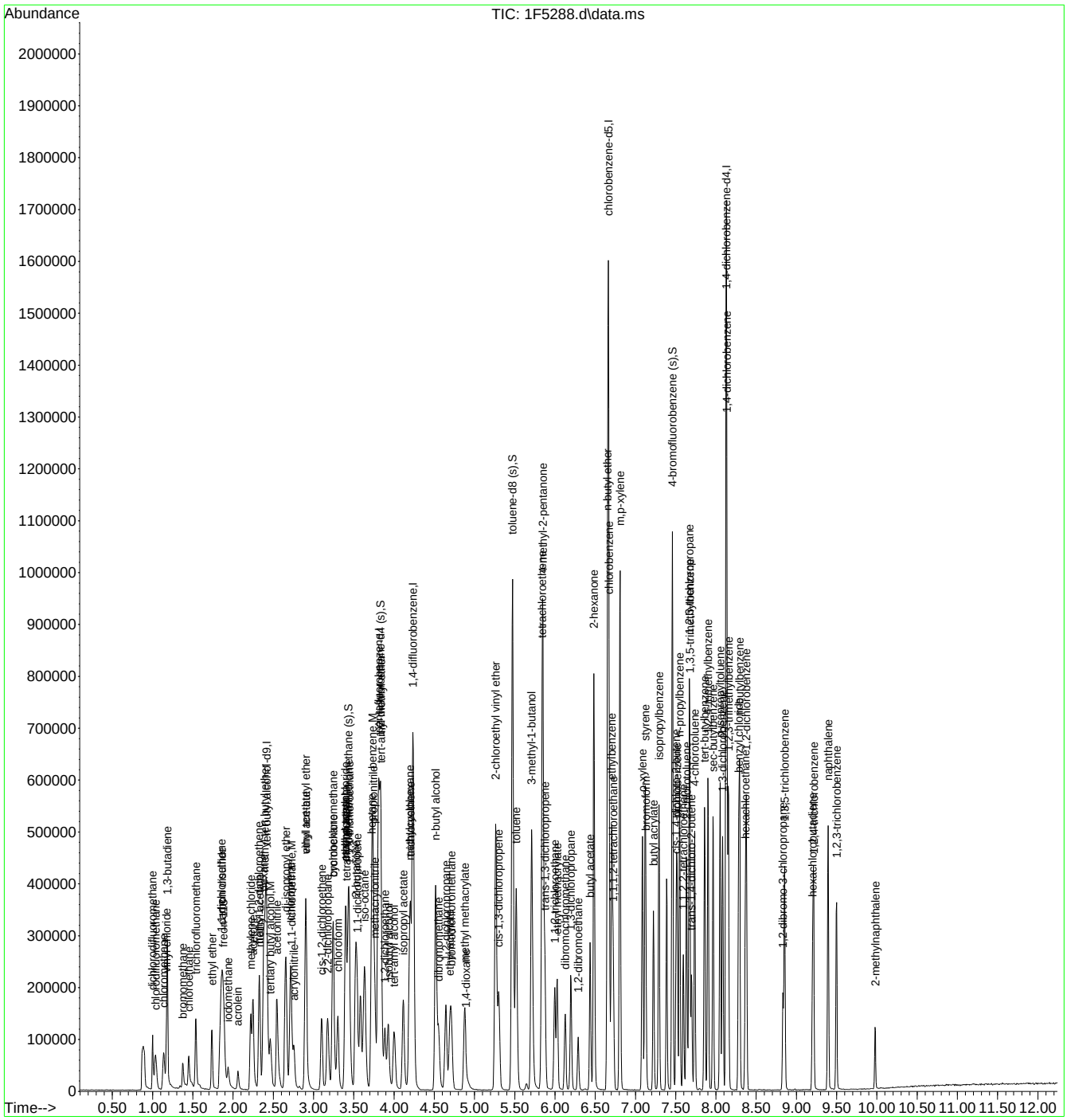
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,2-dichlorobenzene	8.377	146	115180	18.0169	ug/L	99
112) 1,2,3-trimethylbenzene	8.157	105	205966	17.7163	ug/L	99
113) n-butylbenzene	8.293	92	112995	19.3451	ug/L	84
114) 1,2-dibromo-3-chloropr...	8.833	157	28436	18.1756	ug/L	92
115) 1,3,5-trichlorobenzene	8.854	180	84723	18.4914	ug/L	98
116) 1,2,4-trichlorobenzene	9.216	180	72314	17.9122	ug/L	99
117) hexachlorobutadiene	9.200	225	29652	19.6520	ug/L	97
118) naphthalene	9.394	128	215124	16.8617	ug/L	99
119) 1,2,3-trichlorobenzene	9.499	180	71704	18.6940	ug/L	96
120) hexachloroethane	8.366	119	36254	21.4161	ug/L	96
121) benzyl chloride	8.282	126	37433	23.3269	ug/L	96
122) 2-methylnaphthalene	9.981	142	34237	6.7283	ug/L	98

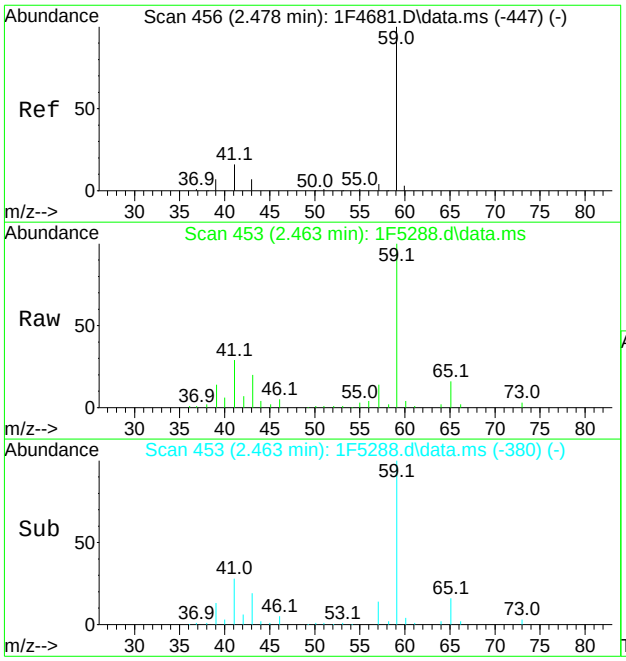
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5288.d
Acq On : 19 May 2023 10:28 am
Operator : nickw
Sample : cc156-20 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 22 12:15:39 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

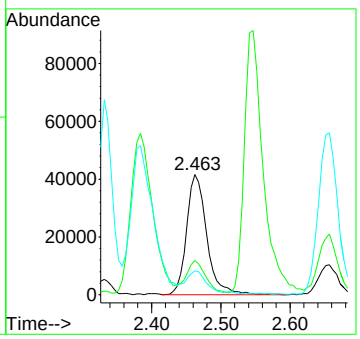


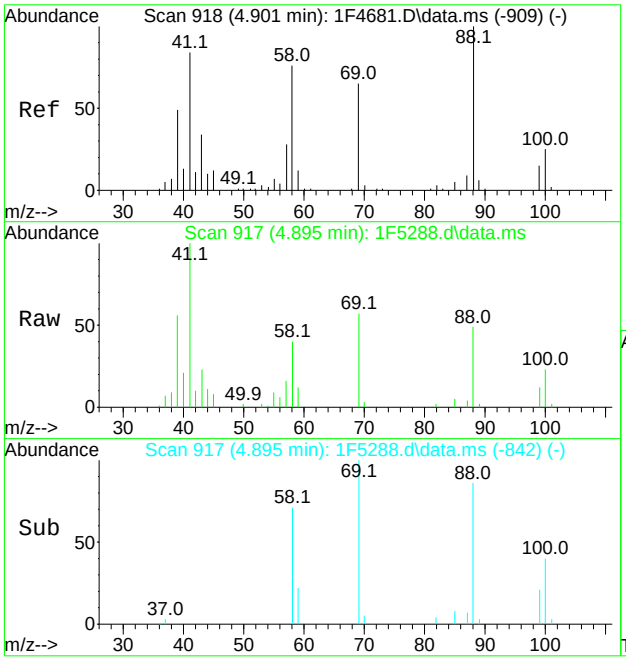


#3
tertiary butyl alcohol
Concen: 94.3363 ug/L
RT: 2.463 min Scan# 453
Delta R.T. -0.015 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 59 Resp: 84582

Ion	Ratio	Lower	Upper
59	100		
41	15.4	0.0	45.9
43	19.2	0.0	45.3

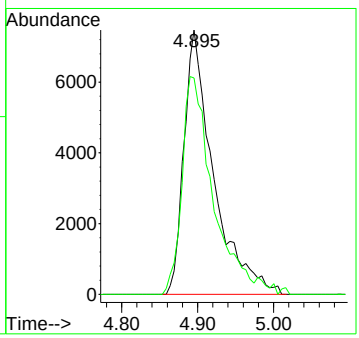


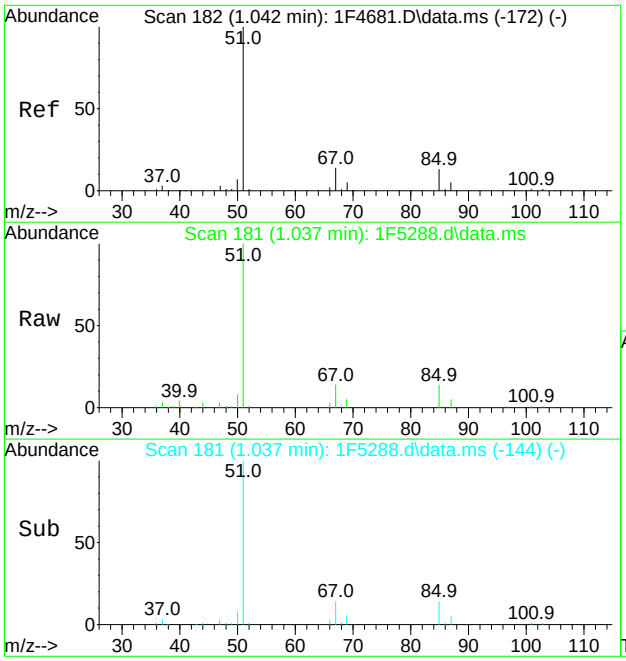


#4
1,4-dioxane
Concen: 312.0002 ug/L
RT: 4.895 min Scan# 917
Delta R.T. -0.006 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 88 Resp: 20186

Ion	Ratio	Lower	Upper
88	100		
58	81.8	56.9	96.9

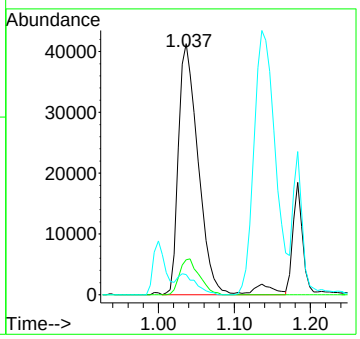


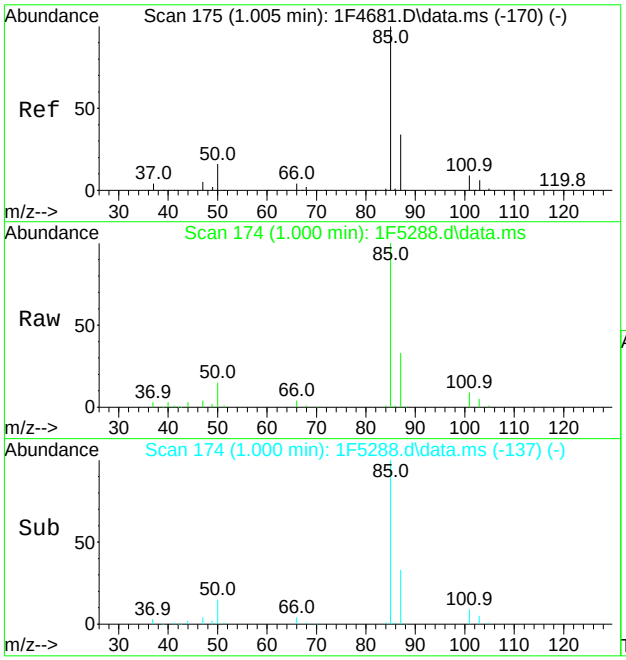


#6
chlorodifluoromethane
Concen: 17.4879 ug/L
RT: 1.037 min Scan# 181
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 51 Resp: 77253

Ion	Ratio	Lower	Upper
51	100		
67	13.9	0.0	44.0
50	0.0	0.0	37.2

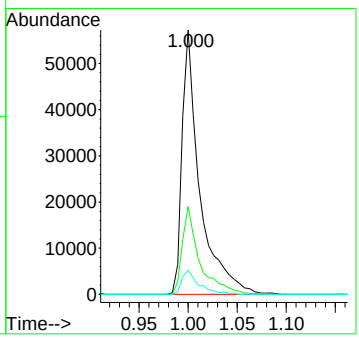


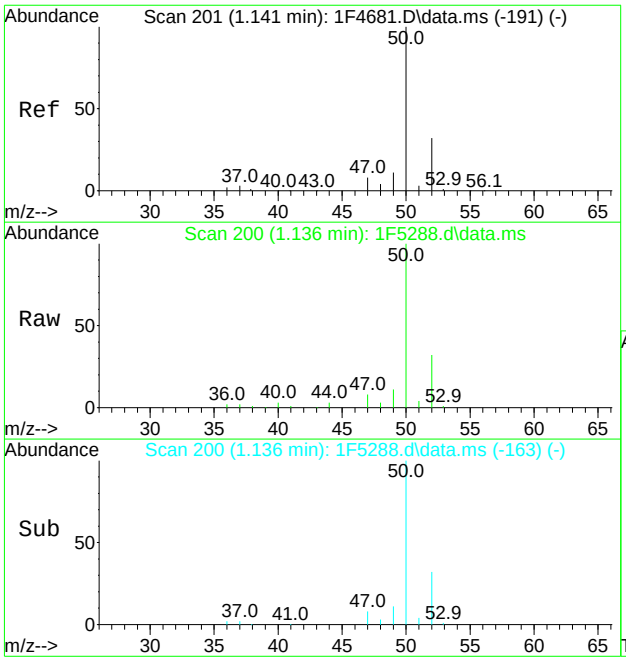


#7
dichlorodifluoromethane
Concen: 20.8599 ug/L
RT: 1.000 min Scan# 174
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 85 Resp: 71773

Ion	Ratio	Lower	Upper
85	100		
87	33.3	3.9	63.9
101	9.2	0.0	39.4

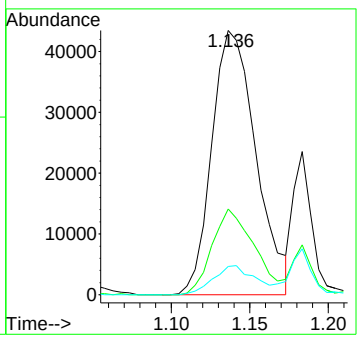


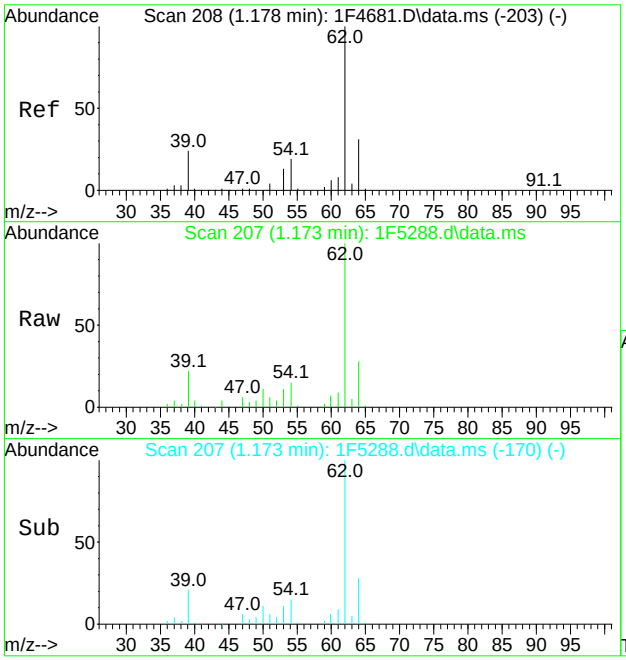


#8
chloromethane
Concen: 24.4546 ug/L
RT: 1.136 min Scan# 200
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 50 Resp: 85111

Ion	Ratio	Lower	Upper
50	100		
52	32.5	1.9	61.9
49	10.8	0.0	40.6

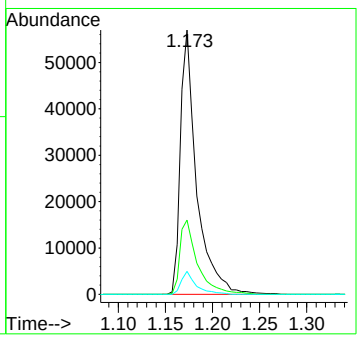


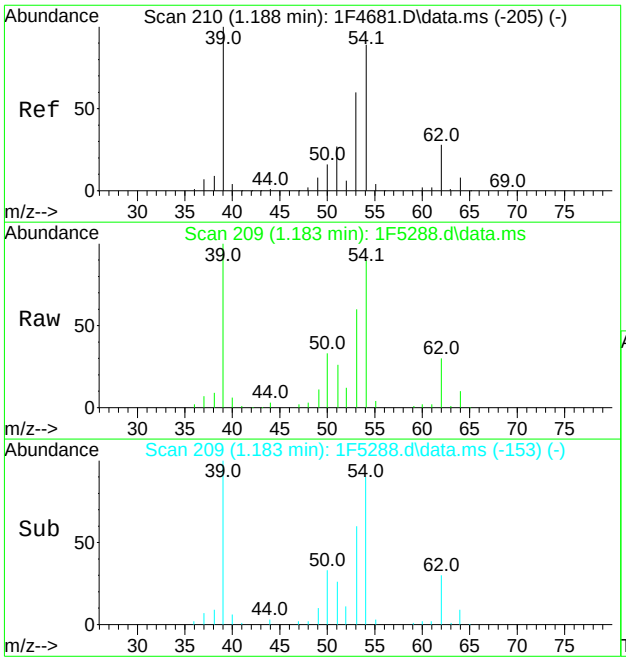


#9
vinyl chloride
Concen: 21.7353 ug/L
RT: 1.173 min Scan# 207
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 62 Resp: 68553

Ion	Ratio	Lower	Upper
62	100		
64	28.1	1.4	61.4
61	8.8	0.0	38.3

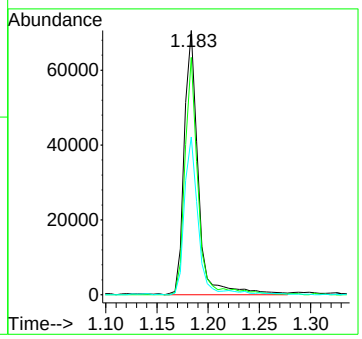


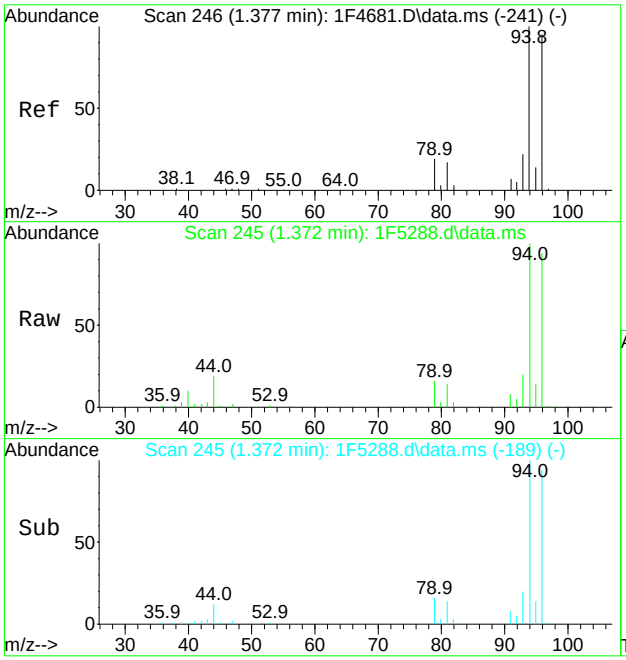


#10
1,3-butadiene
Concen: 19.0934 ug/L
RT: 1.183 min Scan# 209
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 39 Resp: 67260

Ion	Ratio	Lower	Upper
39	100		
54	89.7	58.6	118.6
53	59.7	30.5	90.5

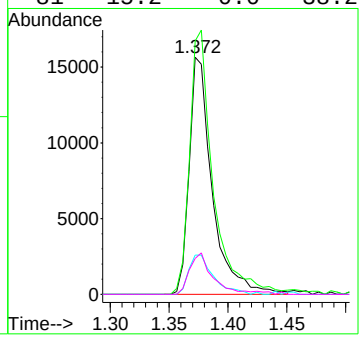


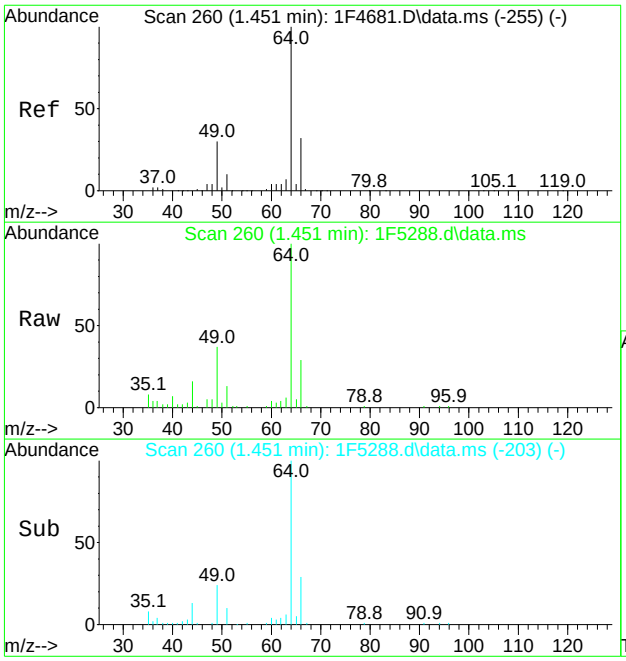


#11
bromomethane
Concen: 20.5077 ug/L
RT: 1.372 min Scan# 245
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 96 Resp: 21381

Ion	Ratio	Lower	Upper
96	100		
94	106.8	75.6	135.6
79	16.6	20.0	20.0#
81	15.2	0.0	38.2

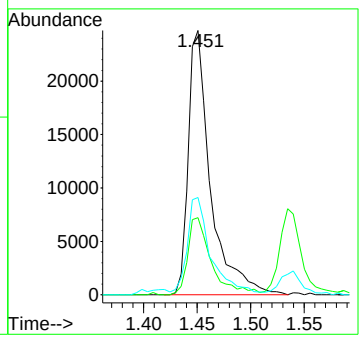


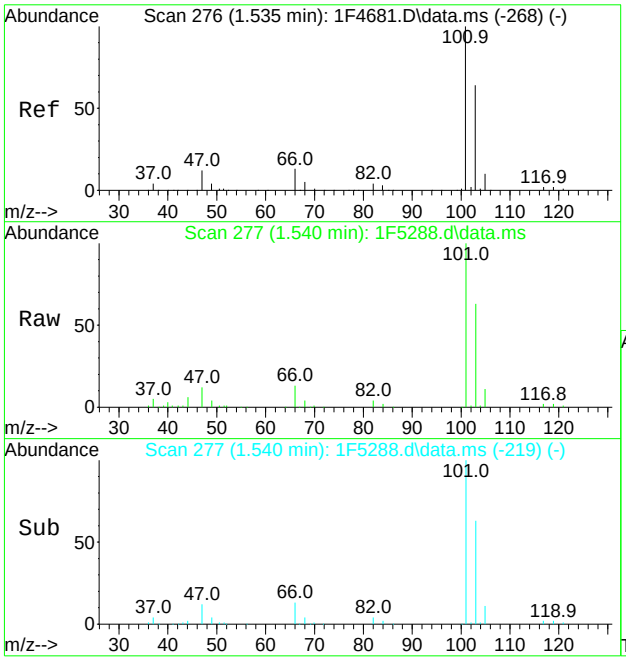


#12
chloroethane
Concen: 19.6562 ug/L
RT: 1.451 min Scan# 260
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 64 Resp: 35786

Ion	Ratio	Lower	Upper
64	100		
66	29.2	1.9	61.9
49	34.8	0.0	60.0

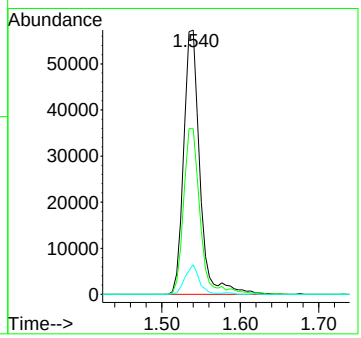


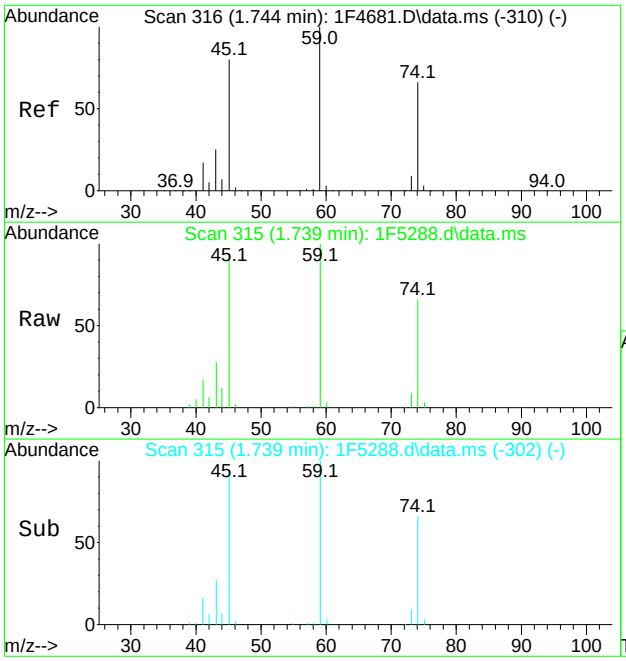


#13
trichlorofluoromethane
Concen: 20.1381 ug/L
RT: 1.540 min Scan# 277
Delta R.T. 0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:101 Resp: 81928

Ion	Ratio	Lower	Upper
101	100		
103	62.6	34.3	94.3
105	11.2	0.0	40.3

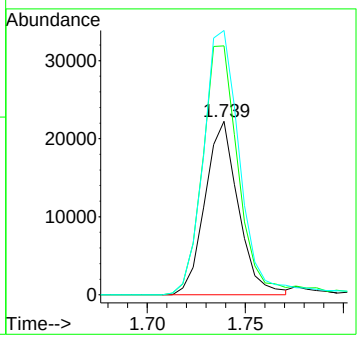


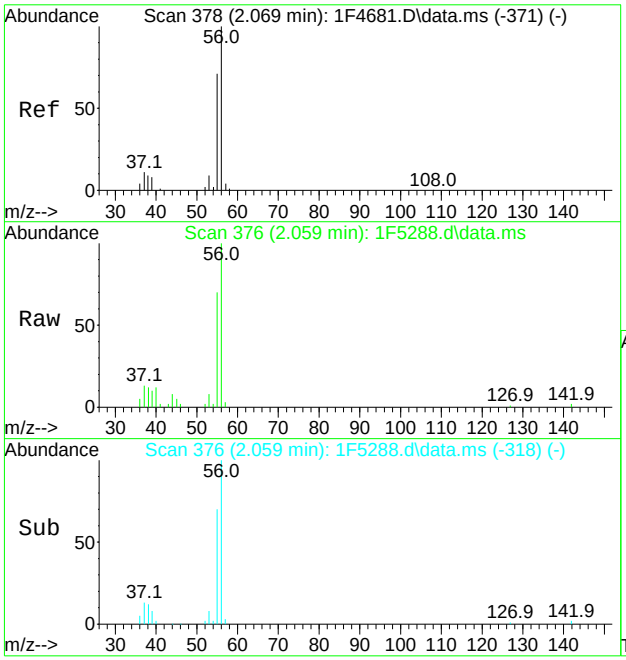


#14
ethyl ether
Concen: 17.2581 ug/L
RT: 1.739 min Scan# 315
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 74 Resp: 26275

Ion	Ratio	Lower	Upper
74	100		
45	143.5	91.3	151.3
59	152.4	122.4	182.4

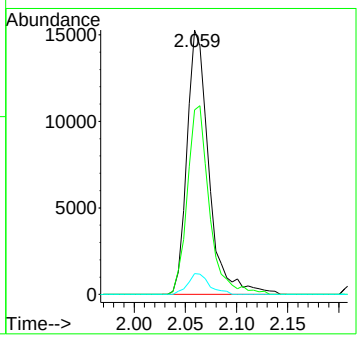


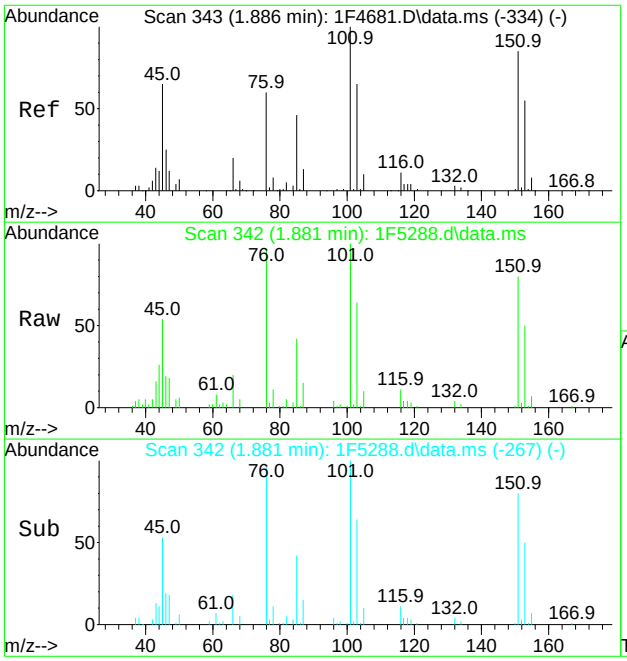


#15
acrolein
Concen: 27.4163 ug/L
RT: 2.059 min Scan# 376
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 56 Resp: 22750

Ion	Ratio	Lower	Upper
56	100		
55	69.7	40.8	100.8
53	7.8	0.0	38.6

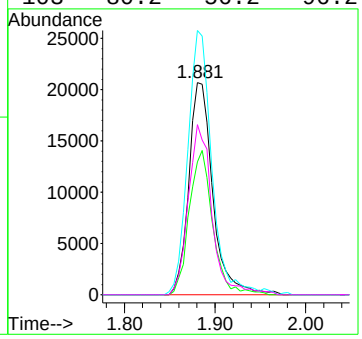


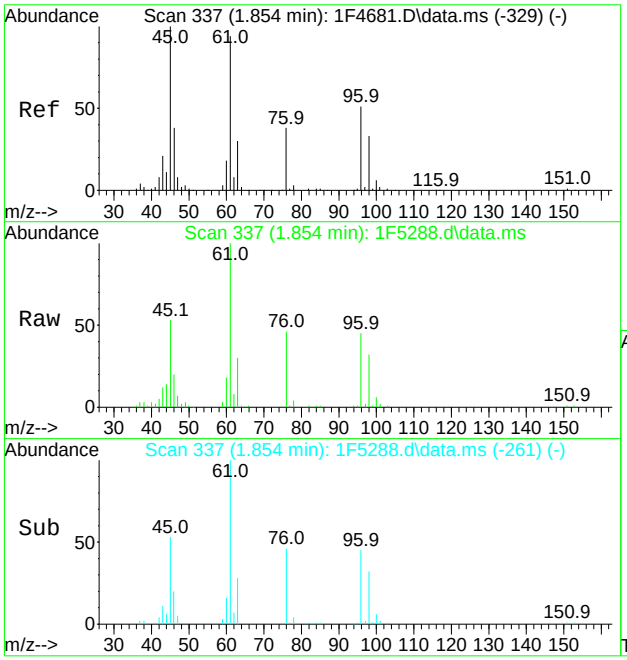


#16
freon 113
Concen: 18.2593 ug/L
RT: 1.881 min Scan# 342
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:151 Resp: 38305

Ion	Ratio	Lower	Upper
151	100		
153	62.6	44.8	84.8
101	124.7	97.8	137.8
103	80.2	56.2	96.2

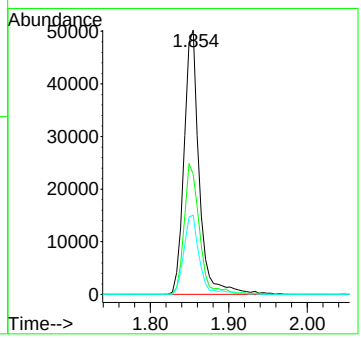


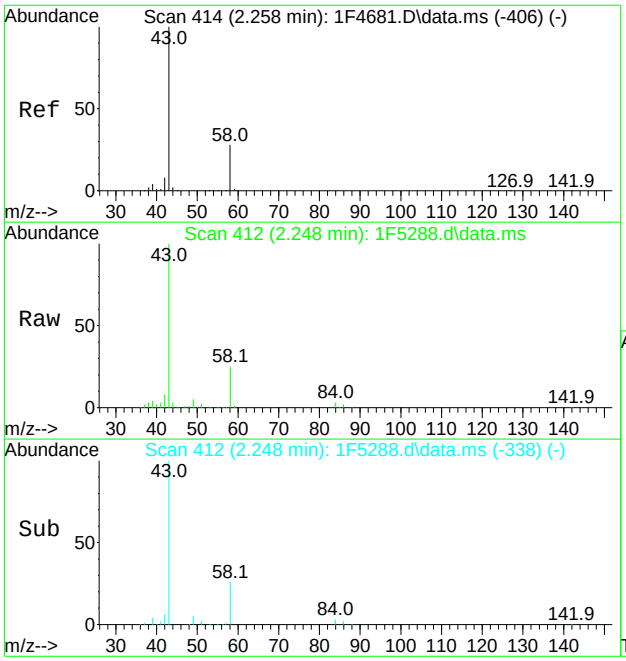


#17
1,1-dichloroethene
Concen: 19.7320 ug/L
RT: 1.854 min Scan# 337
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 61 Resp: 67401

Ion	Ratio	Lower	Upper
61	100		
96	45.4	24.6	84.6
63	30.0	2.0	62.0

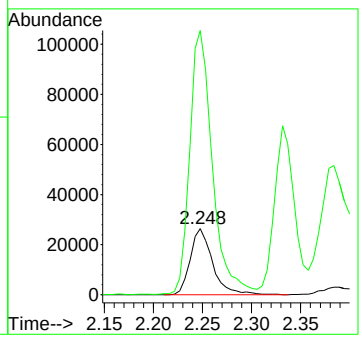


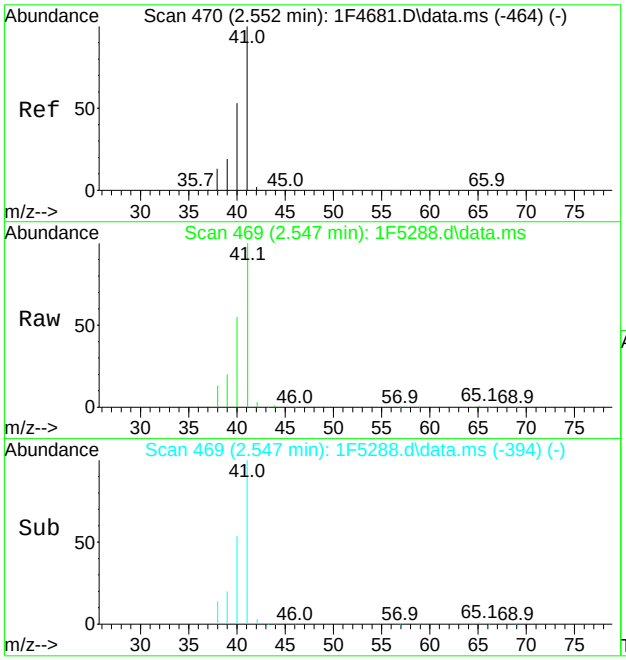


#18
acetone
Concen: 70.6468 ug/L
RT: 2.248 min Scan# 412
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 58 Resp: 41982

Ion	Ratio	Lower	Upper
58	100		
43	398.3	326.8	386.8#

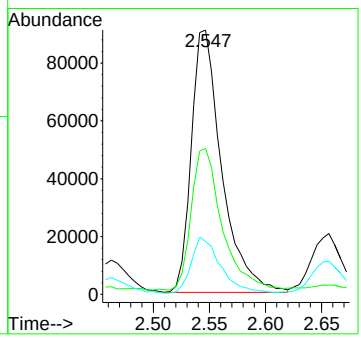


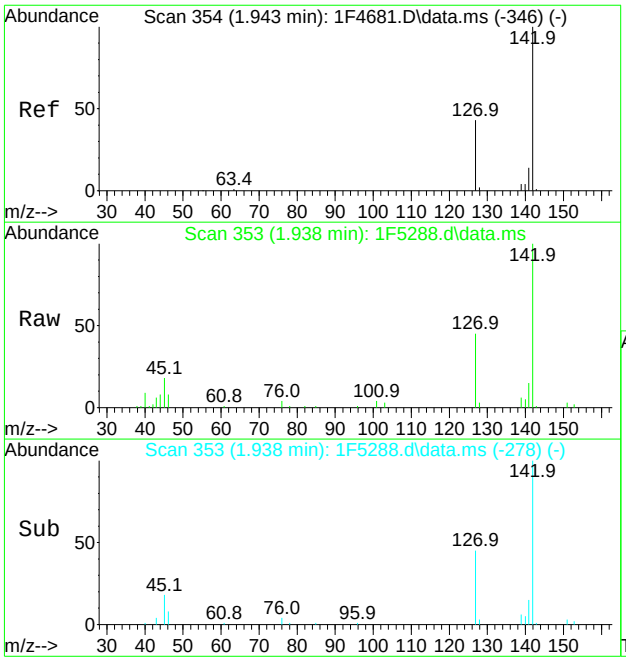


#19
acetonitrile
Concen: 200.5152 ug/L
RT: 2.547 min Scan# 469
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 41 Resp: 171192

Ion	Ratio	Lower	Upper
41	100		
40	53.9	23.1	83.1
39	19.7	0.0	49.3

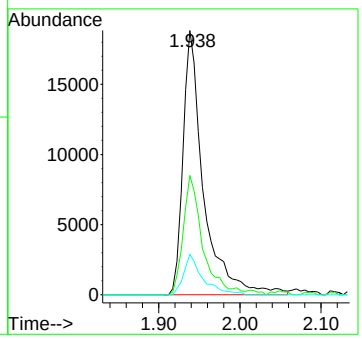


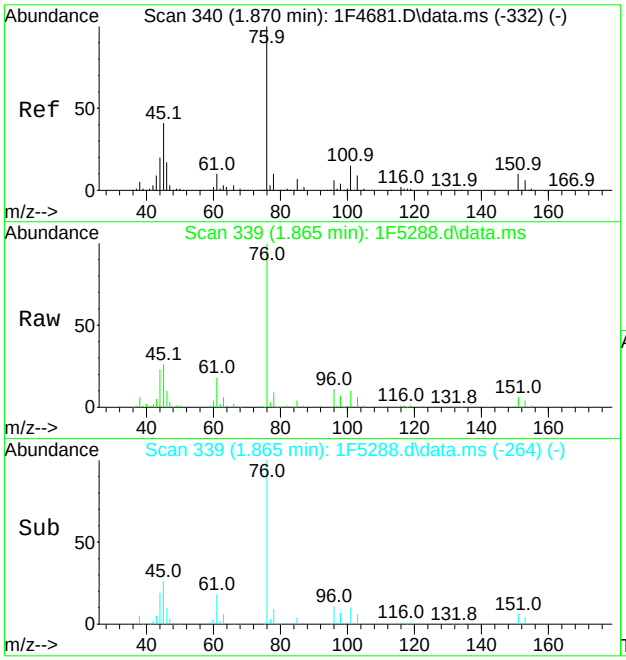


#20
iodomethane
Concen: 21.7779 ug/L
RT: 1.938 min Scan# 353
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:142 Resp: 33105

Ion	Ratio	Lower	Upper
142	100		
127	45.2	12.9	72.9
141	15.4	0.0	44.2

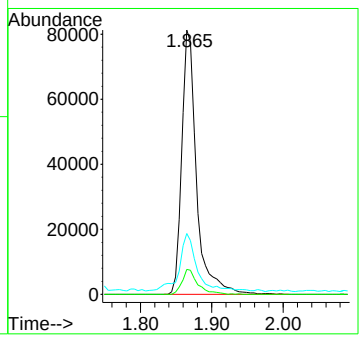


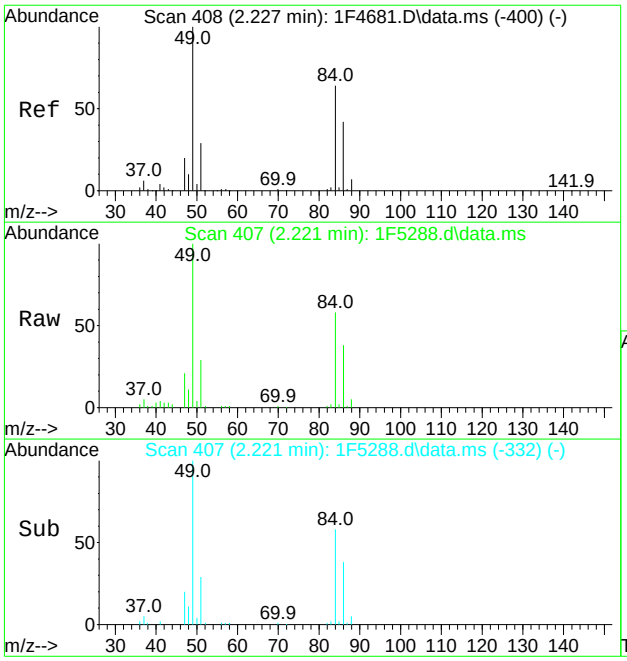


#21
carbon disulfide
Concen: 16.2899 ug/L
RT: 1.865 min Scan# 339
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 76 Resp: 117102

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	39.7
44	21.4	0.0	50.4

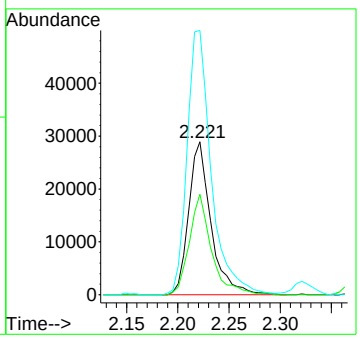


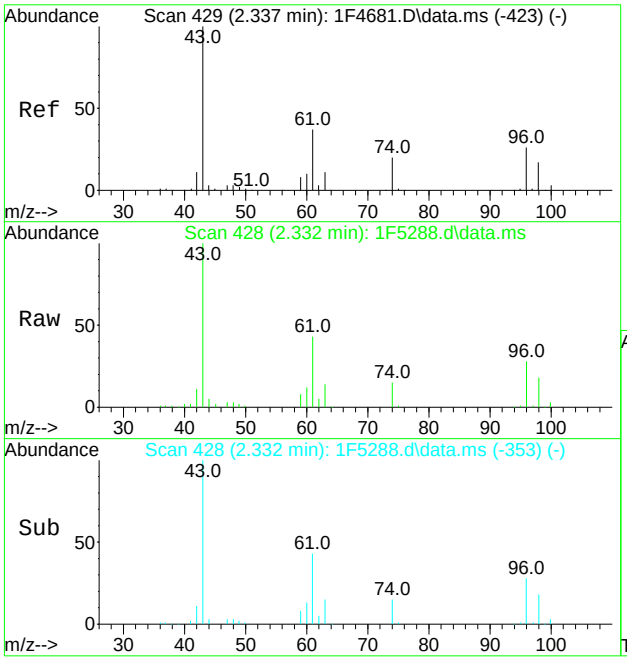


#22
methylene chloride
Concen: 18.2120 ug/L
RT: 2.221 min Scan# 407
Delta R.T. -0.006 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 84 Resp: 44061

Ion	Ratio	Lower	Upper
84	100		
86	65.9	36.6	96.6
49	172.9	126.8	186.8

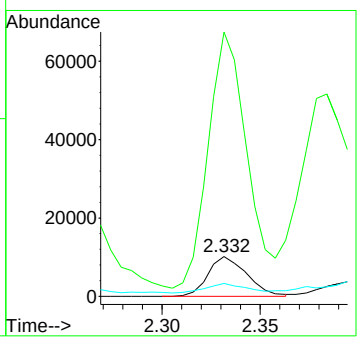


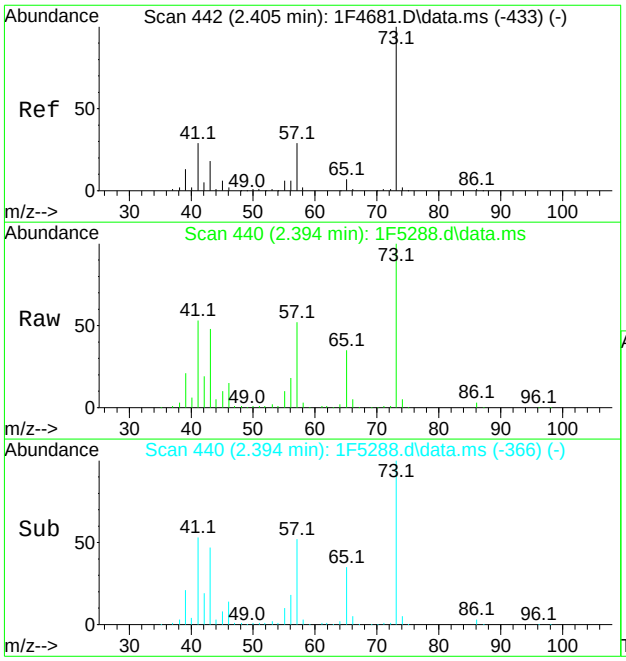


#23
methyl acetate
Concen: 18.1283 ug/L
RT: 2.332 min Scan# 428
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 74 Resp: 14001

Ion	Ratio	Lower	Upper
74	100		
43	638.1	481.9	541.9#
44	22.5	0.0	47.1

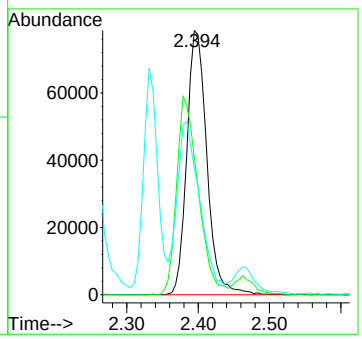


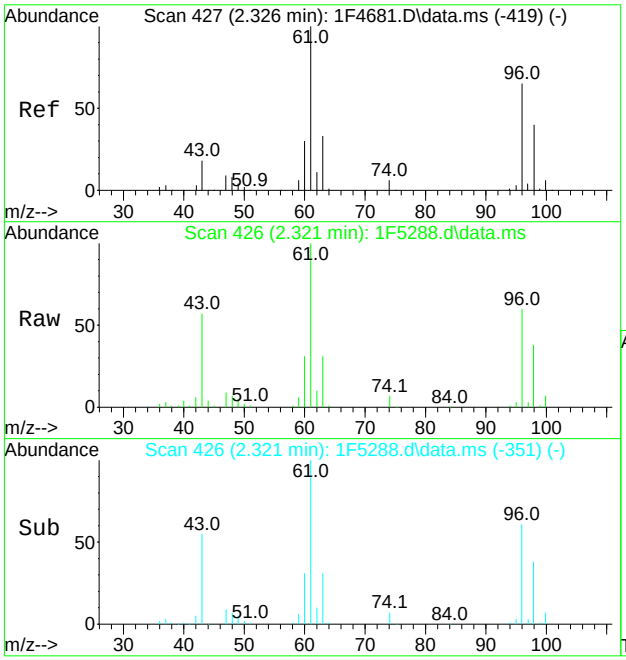


#24
methyl tert butyl ether
Concen: 19.3842 ug/L
RT: 2.394 min Scan# 440
Delta R.T. -0.011 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 73 Resp: 154092

Ion	Ratio	Lower	Upper
73	100		
57	51.7	2.6	62.6
43	47.0	2.1	62.1

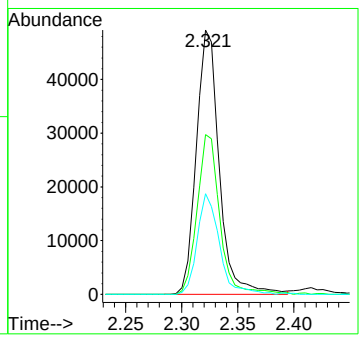


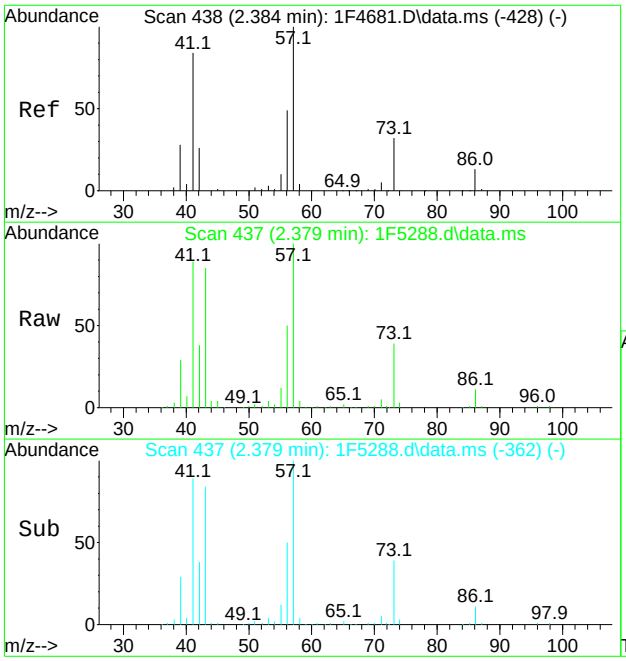


#25
trans-1,2-dichloroethene
Concen: 19.5195 ug/L
RT: 2.321 min Scan# 426
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 61 Resp: 69983

Ion	Ratio	Lower	Upper
61	100		
96	60.5	34.9	94.9
98	38.1	10.2	70.2

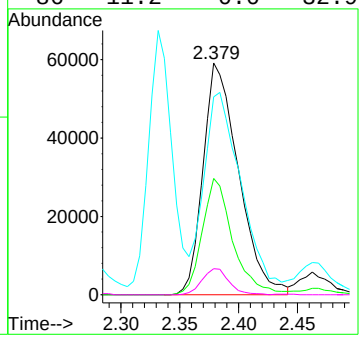


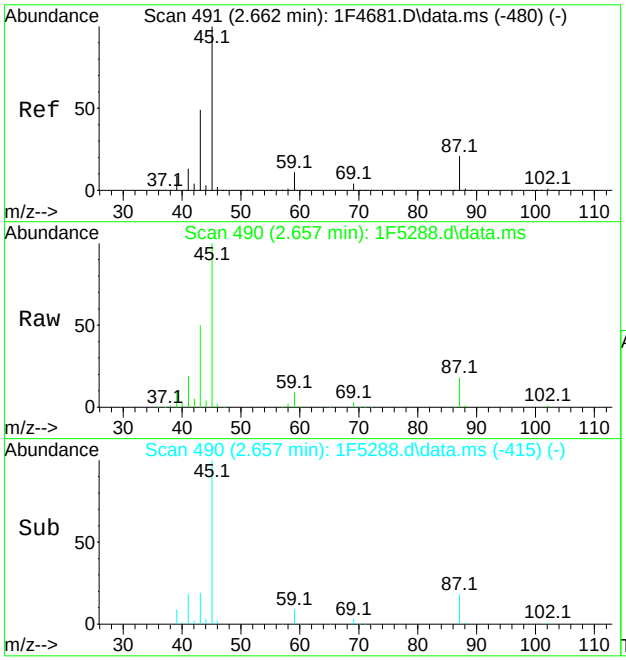


#26
hexane
Concen: 20.0245 ug/L
RT: 2.379 min Scan# 437
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 57 Resp: 124087

Ion	Ratio	Lower	Upper
57	100		
56	50.2	29.1	69.1
43	79.1	52.7	92.7
86	11.2	0.0	32.9

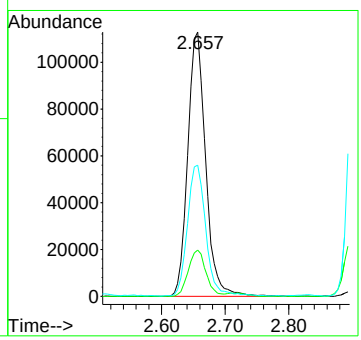


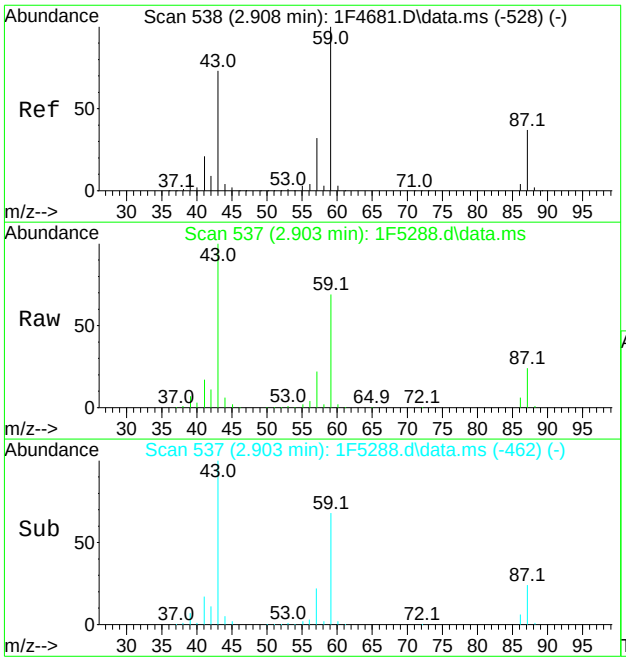


#27
di-isopropyl ether
Concen: 21.6397 ug/L
RT: 2.657 min Scan# 490
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 45 Resp: 220276

Ion	Ratio	Lower	Upper
45	100		
87	17.5	0.0	51.0
43	49.4	19.4	79.4

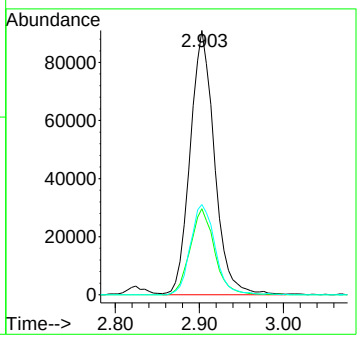


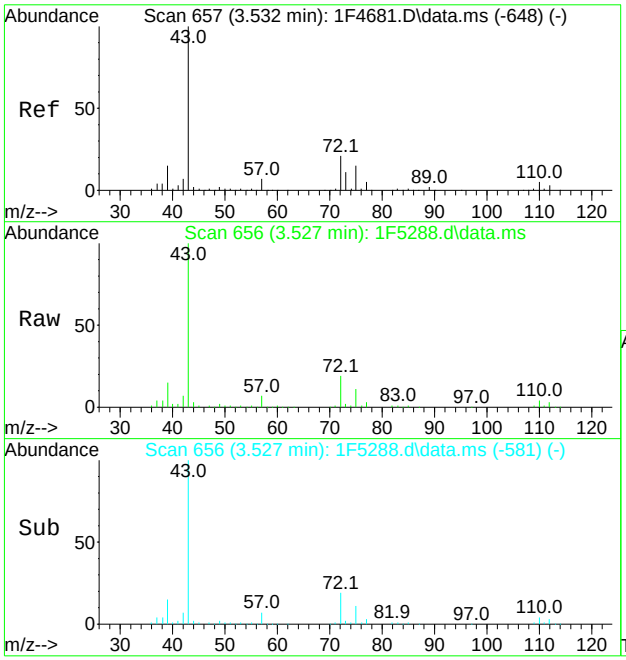


#28
ethyl tert-butyl ether
Concen: 19.9759 ug/L
RT: 2.903 min Scan# 537
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 59 Resp: 182326

Ion	Ratio	Lower	Upper
59	100		
57	32.6	2.3	62.3
87	34.2	6.5	66.5

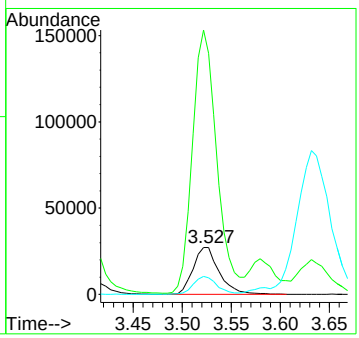


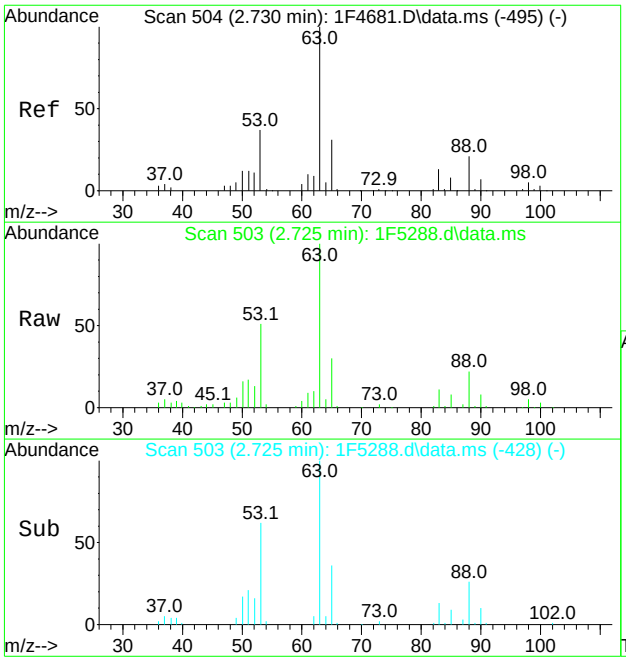


#29
2-butanone
Concen: 75.2107 ug/L
RT: 3.527 min Scan# 656
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 72 Resp: 50294

Ion	Ratio	Lower	Upper
72	100		
43	511.2	443.2	503.2#
57	35.6	2.9	62.9

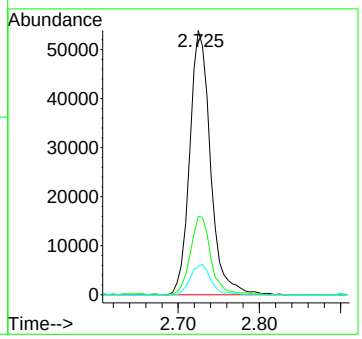


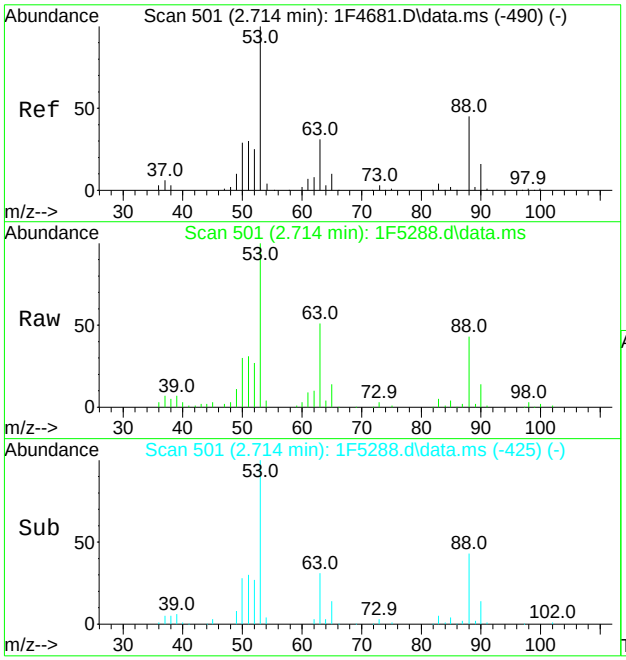


#30
1,1-dichloroethane
Concen: 20.0647 ug/L
RT: 2.725 min Scan# 503
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 63 Resp: 95692

Ion	Ratio	Lower	Upper
63	100		
65	29.7	1.5	61.5
83	10.9	0.0	42.7

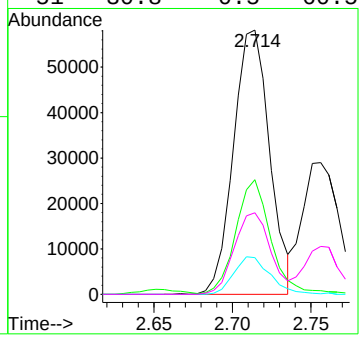


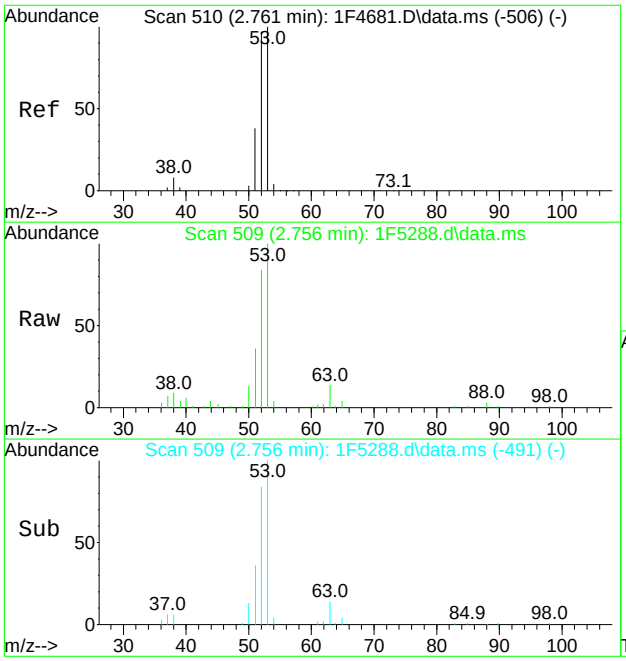


#31
chloroprene
Concen: 20.5736 ug/L
RT: 2.714 min Scan# 501
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 53 Resp: 93259

Ion	Ratio	Lower	Upper
53	100		
88	41.5	15.2	75.2
90	13.9	0.0	46.1
51	30.8	0.5	60.5

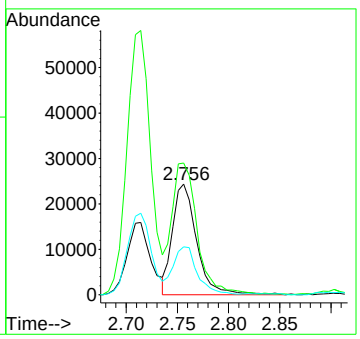


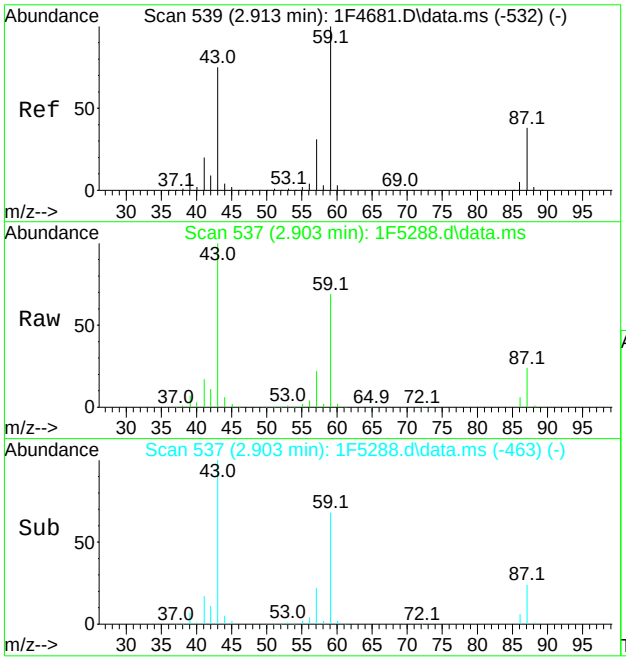


#32
acrylonitrile
Concen: 23.2269 ug/L
RT: 2.756 min Scan# 509
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 52 Resp: 40033

Ion	Ratio	Lower	Upper
52	100		
53	118.1	93.9	153.9
51	43.2	14.3	74.3

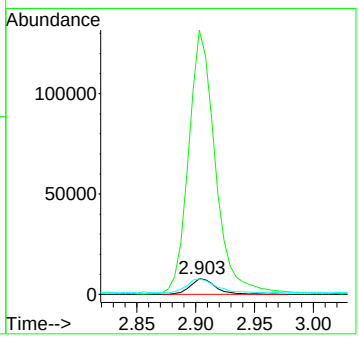




#33
vinyl acetate
Concen: 31.7684 ug/L
RT: 2.903 min Scan# 537
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

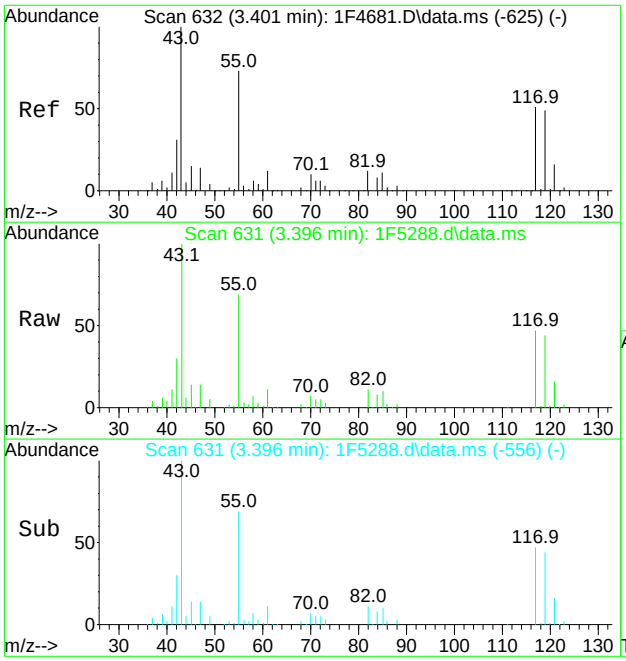
Tgt Ion: 86 Resp: 11712

Ion	Ratio	Lower	Upper
86	100		
43	1651.9	1480.6	1540.6#
44	84.3	46.0	106.0



7.7.13

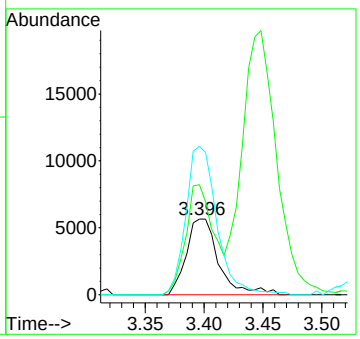
7

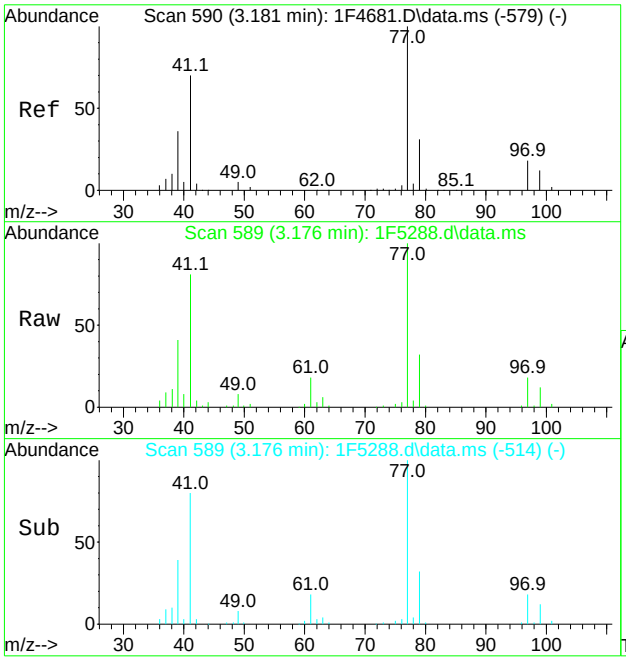


#34
ethyl acetate
Concen: 18.5210 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 70 Resp: 10876

Ion	Ratio	Lower	Upper
70	100		
61	145.1	97.3	157.3
45	195.9	118.7	178.7#

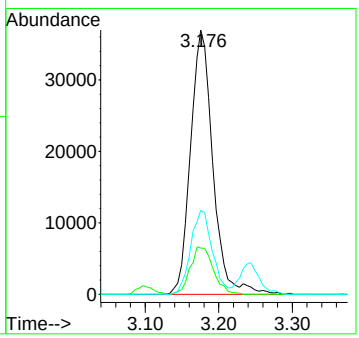


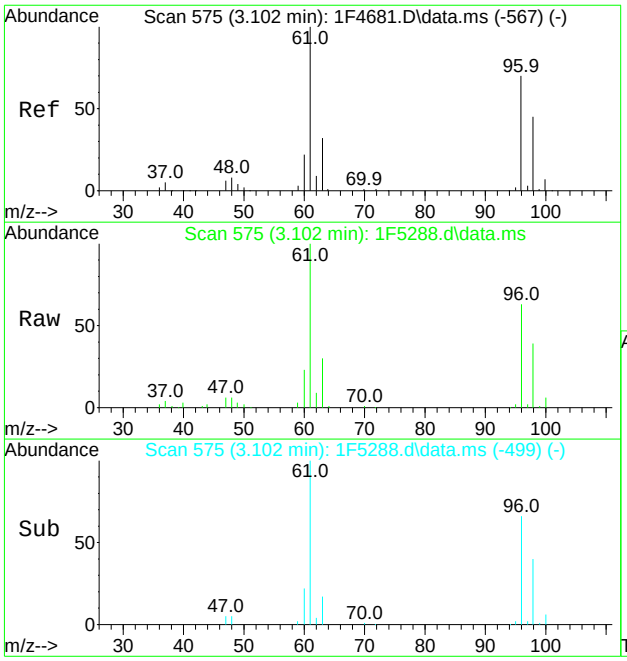


#35
2,2-dichloropropane
Concen: 21.3636 ug/L
RT: 3.176 min Scan# 589
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 77 Resp: 78138

Ion	Ratio	Lower	Upper
77	100		
97	17.5	0.0	48.4
79	31.8	0.6	60.6

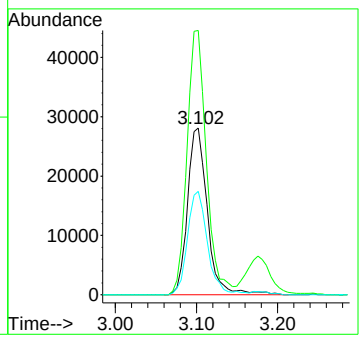


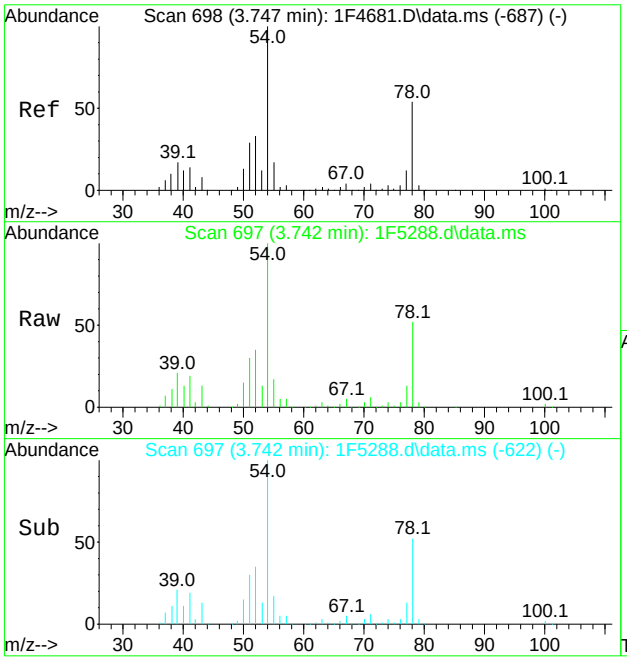


#36
cis-1,2-dichloroethene
Concen: 18.4545 ug/L
RT: 3.102 min Scan# 575
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 96 Resp: 47975

Ion	Ratio	Lower	Upper
96	100		
61	158.5	113.8	173.8
98	62.1	34.7	94.7

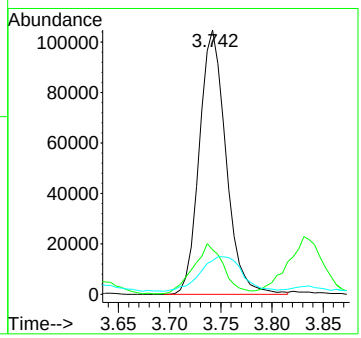


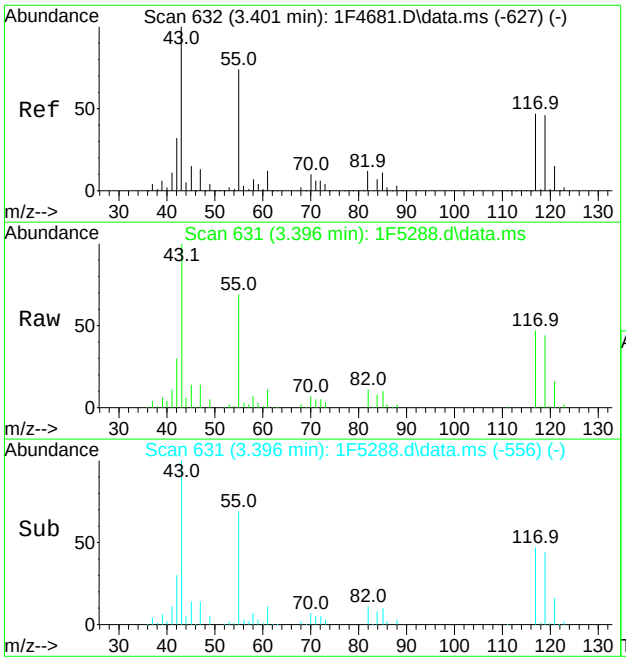


#37
propionitrile
Concen: 200.2848 ug/L
RT: 3.742 min Scan# 697
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 54 Resp: 189882

Ion	Ratio	Lower	Upper
54	100		
55	16.6	0.0	47.4
40	11.5	0.0	41.6

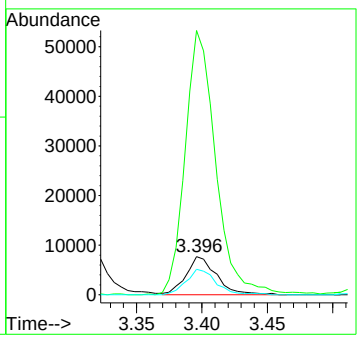


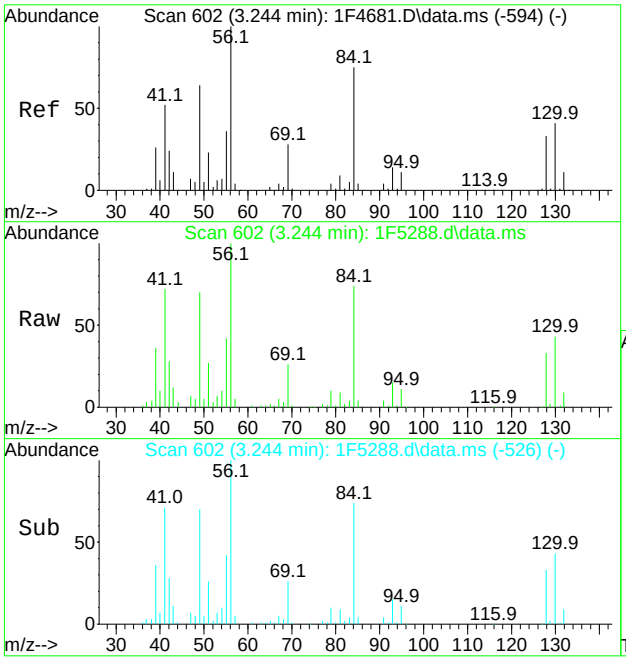


#38
methyl acrylate
Concen: 18.8352 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 85 Resp: 12537

Ion	Ratio	Lower	Upper
85	100		
55	685.3	618.9	658.9#
58	67.0	35.4	75.4

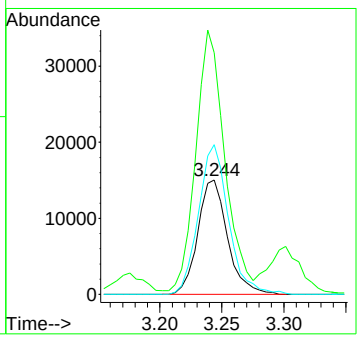


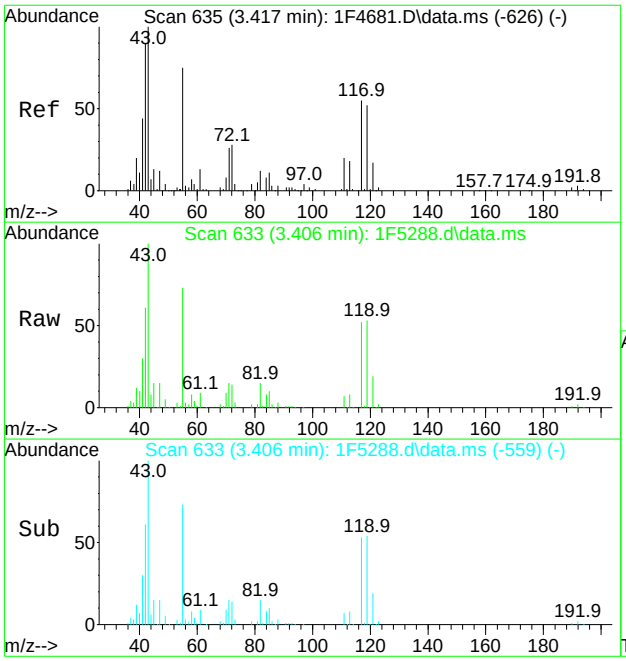


#39
bromochloromethane
Concen: 18.8353 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:128 Resp: 25072

Ion	Ratio	Lower	Upper
128	100		
49	208.1	165.9	225.9
130	131.0	94.8	154.8

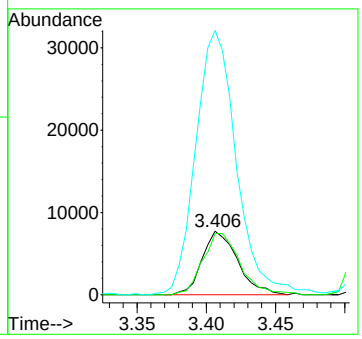


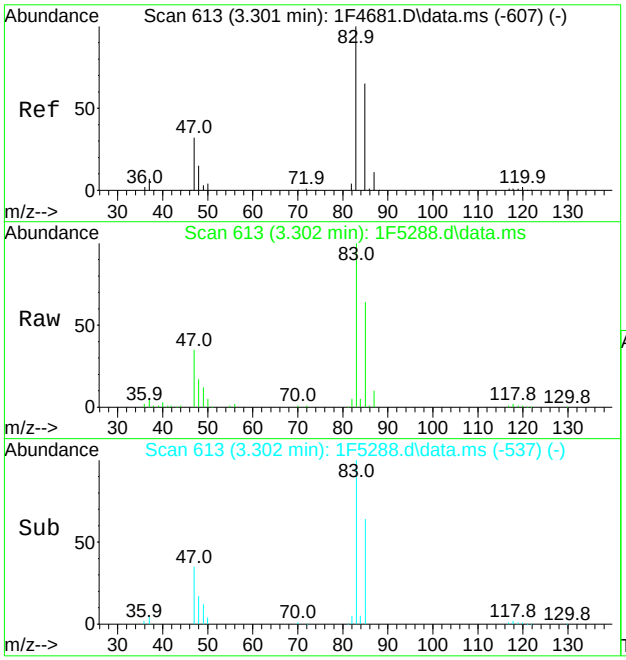


#40
tetrahydrofuran
Concen: 18.0946 ug/L
RT: 3.406 min Scan# 633
Delta R.T. -0.011 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 71 Resp: 13765

Ion	Ratio	Lower	Upper
71	100		
72	96.3	76.2	136.2
42	411.8	313.6	373.6#

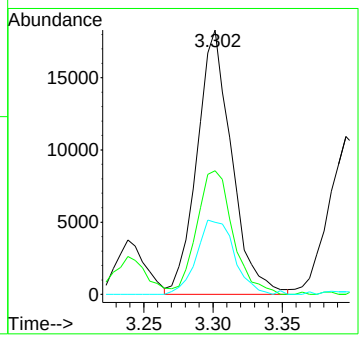


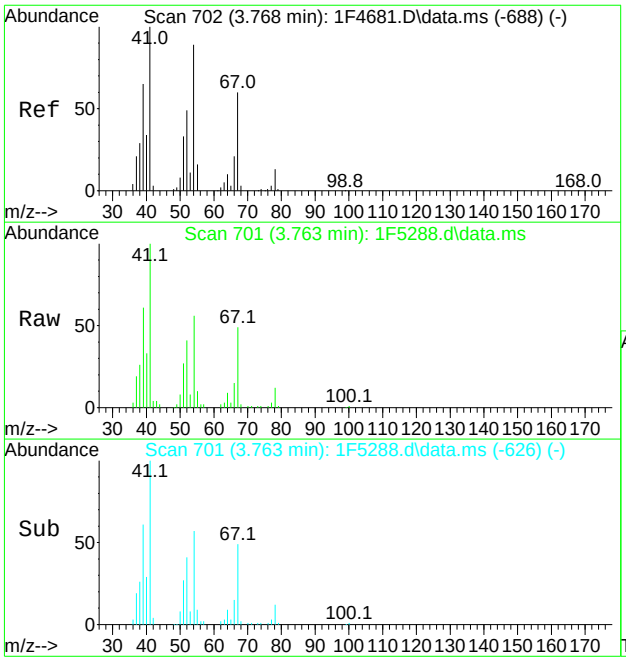


#41
chloroform
Concen: 20.7038 ug/L
RT: 3.302 min Scan# 613
Delta R.T. 0.001 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 47 Resp: 31804

Ion	Ratio	Lower	Upper
47	100		
48	47.6	18.3	78.3
87	27.7	3.4	63.4

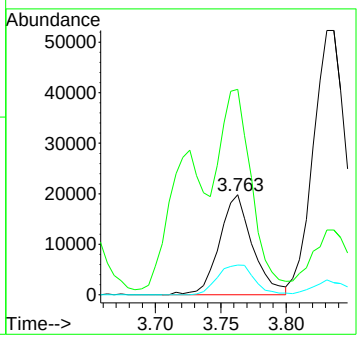


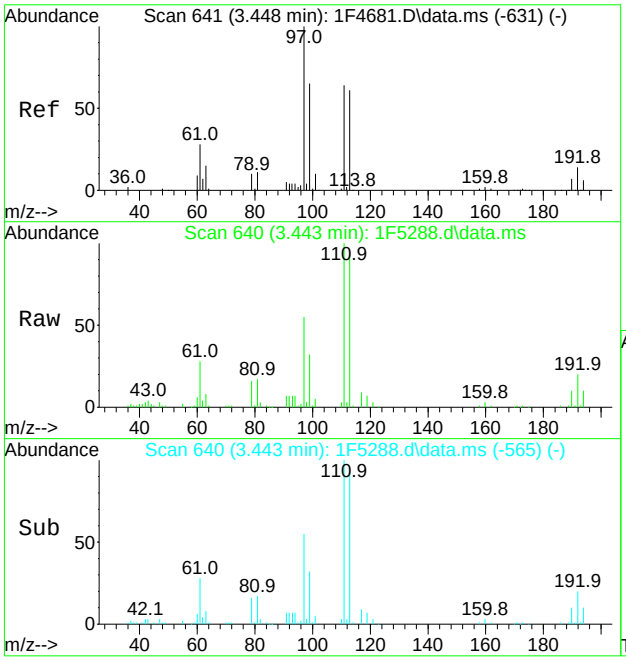


#43
methacrylonitrile
Concen: 19.1376 ug/L
RT: 3.763 min Scan# 701
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 67 Resp: 34999

Ion	Ratio	Lower	Upper
67	100		
41	191.7	135.5	195.5
66	29.8	4.0	64.0

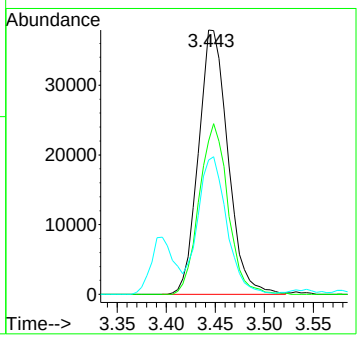


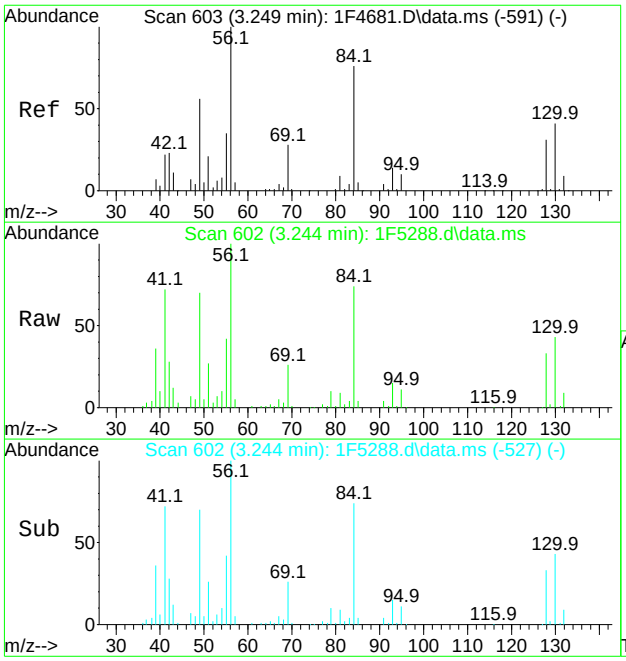


#44
1,1,1-trichloroethane
Concen: 19.8021 ug/L
RT: 3.443 min Scan# 640
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 97 Resp: 79417

Ion	Ratio	Lower	Upper
97	100		
99	58.0	34.5	94.5
61	50.0	17.5	77.5

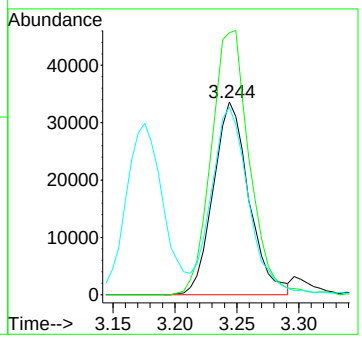


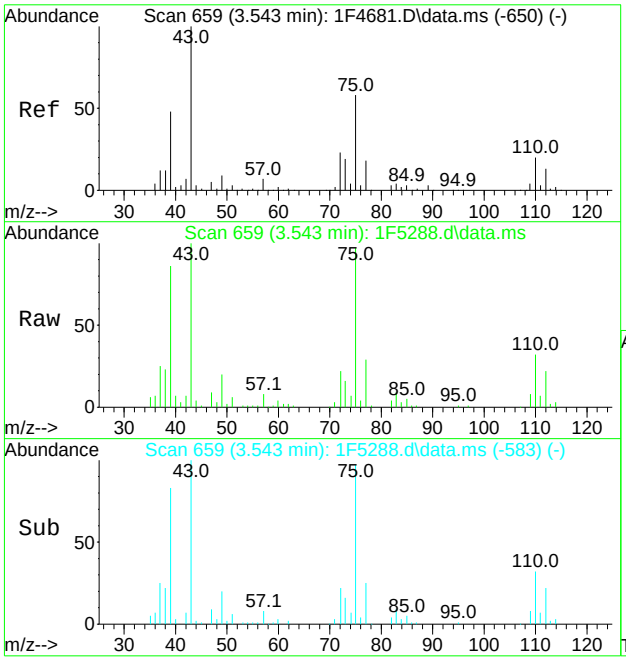


#45
cyclohexane
Concen: 19.0927 ug/L
RT: 3.244 min Scan# 602
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 84 Resp: 67320

Ion	Ratio	Lower	Upper
84	100		
56	135.9	111.7	151.7
41	94.1	58.3	98.3

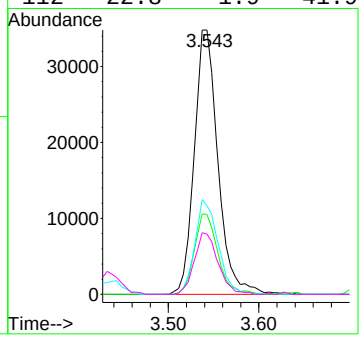


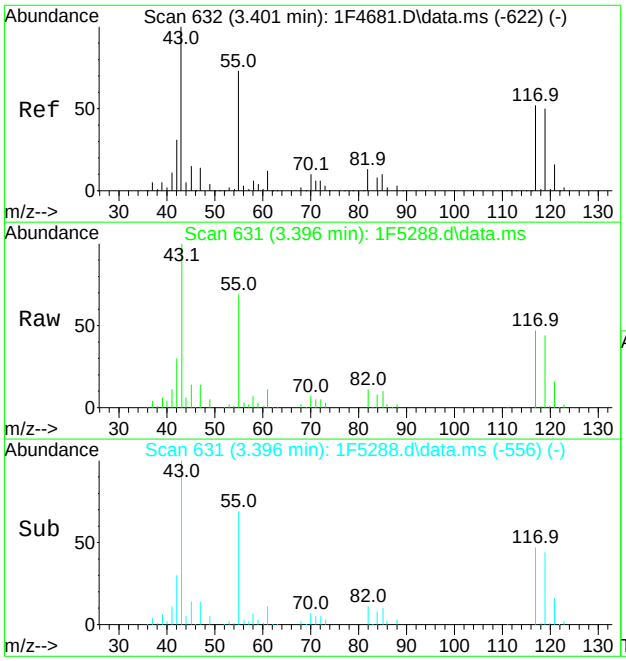


#46
1,1-dichloropropene
Concen: 18.6431 ug/L
RT: 3.543 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 75 Resp: 63305

Ion	Ratio	Lower	Upper
75	100		
77	30.2	10.1	50.1
110	33.5	14.5	54.5
112	22.8	1.9	41.9

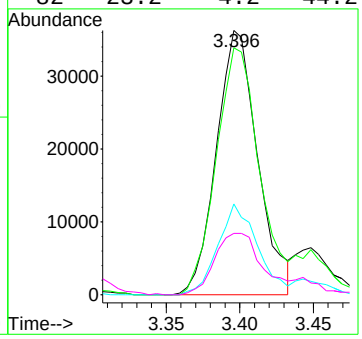


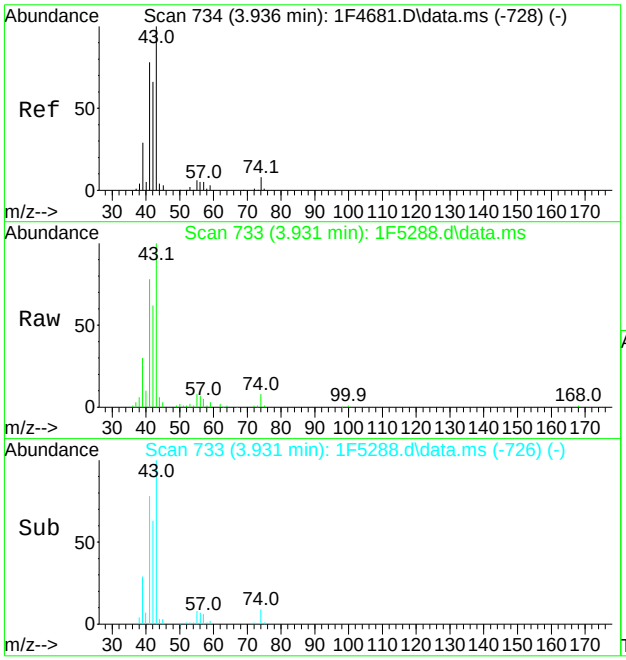


#47
carbon tetrachloride
Concen: 19.1555 ug/L
RT: 3.396 min Scan# 631
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:117 Resp: 70848

Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.2	115.2
121	34.4	10.5	50.5
82	23.2	4.2	44.2

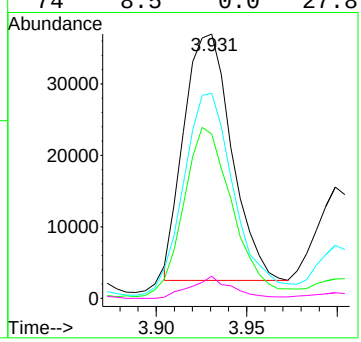


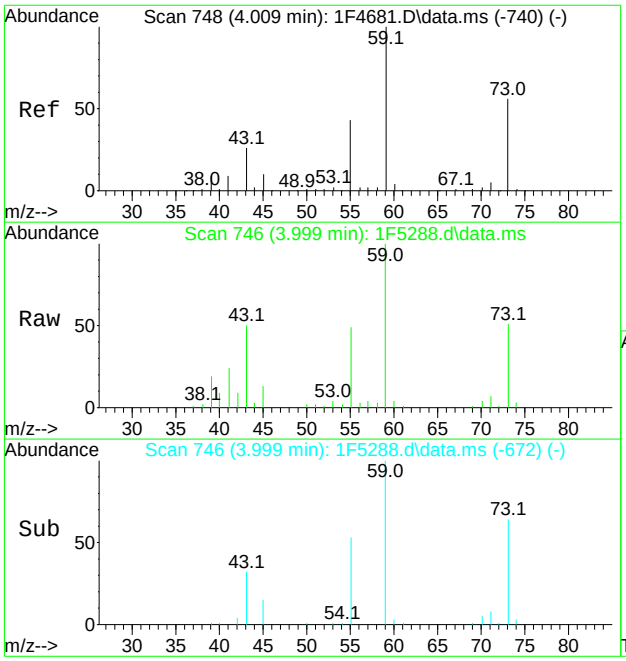


#48
isobutyl alcohol
Concen: 180.7082 ug/L
RT: 3.931 min Scan# 733
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 43 Resp: 63198

Ion	Ratio	Lower	Upper
43	100		
42	62.7	46.5	86.5
41	77.3	57.7	97.7
74	8.5	0.0	27.8

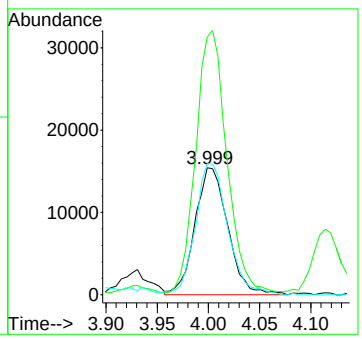


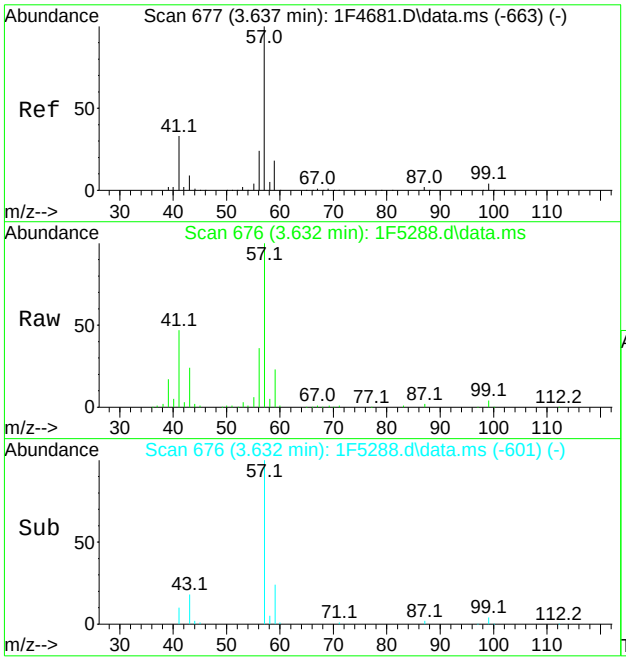


#49
tert-amyl alcohol
Concen: 94.2884 ug/L
RT: 3.999 min Scan# 746
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 55 Resp: 34474

Ion	Ratio	Lower	Upper
55	100		
59	201.5	207.4	247.4#
73	103.3	108.9	148.9#

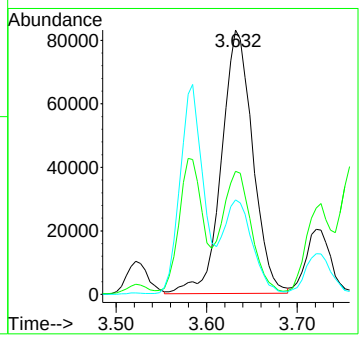


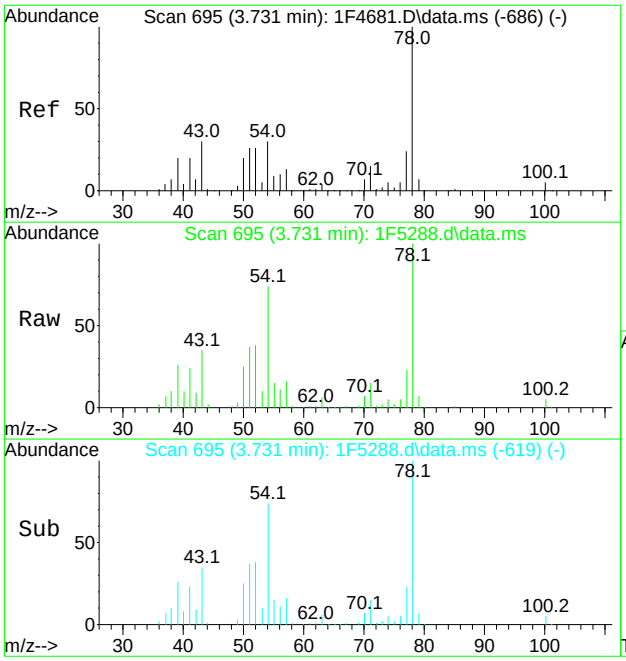


#52
iso-octane
Concen: 20.7556 ug/L
RT: 3.632 min Scan# 676
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 57 Resp: 197713

Ion	Ratio	Lower	Upper
57	100		
41	45.6	19.0	59.0
56	35.0	14.0	54.0

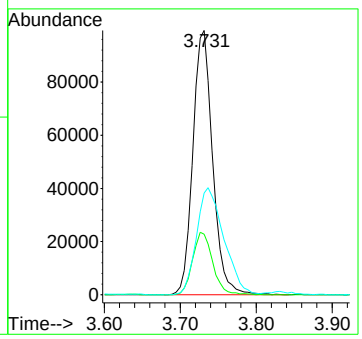


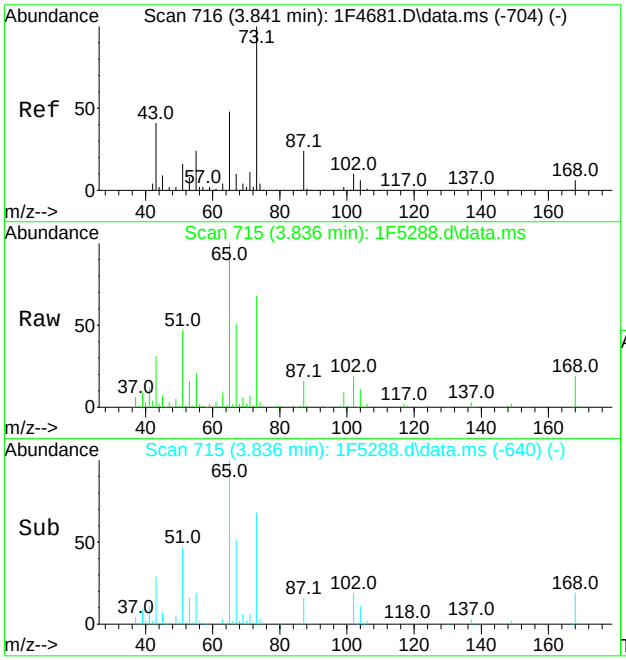


#53
benzene
Concen: 17.9385 ug/L
RT: 3.731 min Scan# 695
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 78 Resp: 179794

Ion	Ratio	Lower	Upper
78	100		
77	22.9	0.0	53.7
52	38.5	0.0	56.0

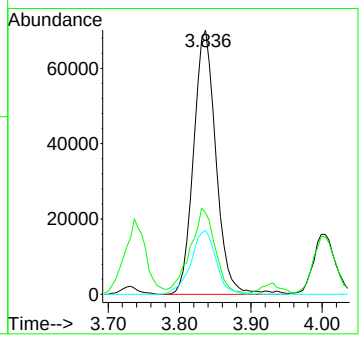


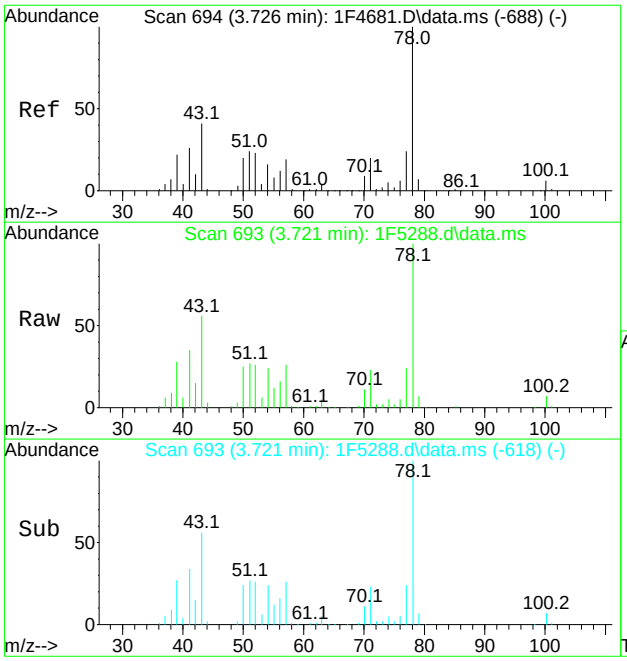


#54
tert-amyl methyl ether
Concen: 18.6051 ug/L
RT: 3.836 min Scan# 715
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 73 Resp: 153217

Ion	Ratio	Lower	Upper
73	100		
55	29.4	4.7	44.7
87	24.2	3.8	43.8

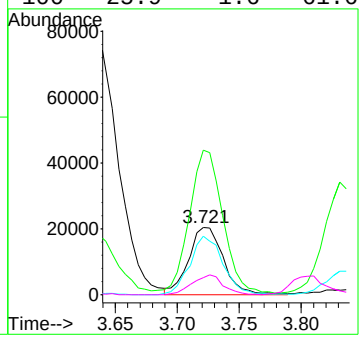


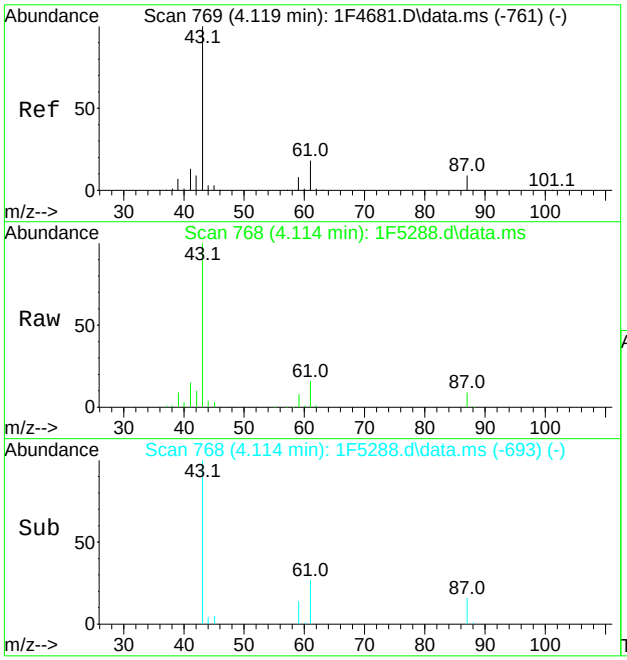


#55
heptane
Concen: 22.3956 ug/L
RT: 3.721 min Scan# 693
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 57 Resp: 40210

Ion	Ratio	Lower	Upper
57	100		
43	214.7	178.1	238.1
71	87.6	70.9	130.9
100	25.9	1.6	61.6

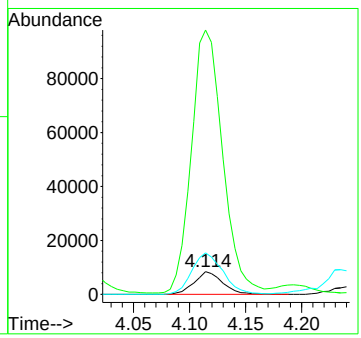


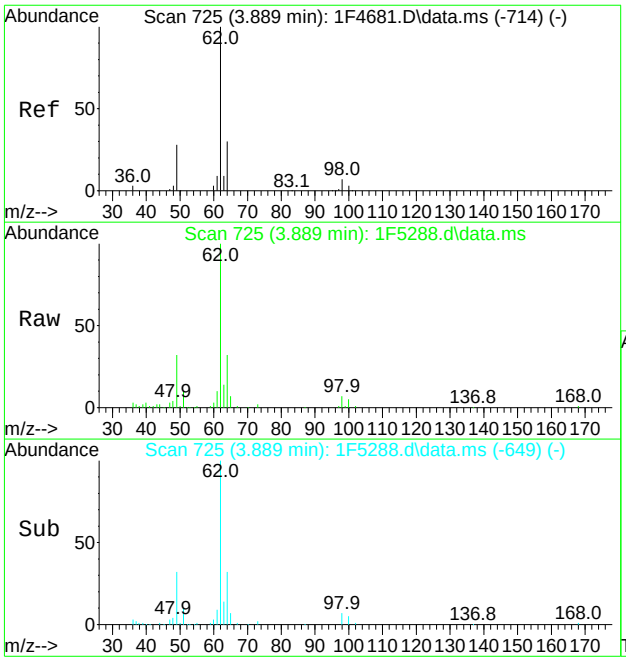


#56
isopropyl acetate
Concen: 17.7122 ug/L
RT: 4.114 min Scan# 768
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 87 Resp: 14840

Ion	Ratio	Lower	Upper
87	100		
43	1155.9	1045.8	1105.8#
61	183.5	166.3	226.3

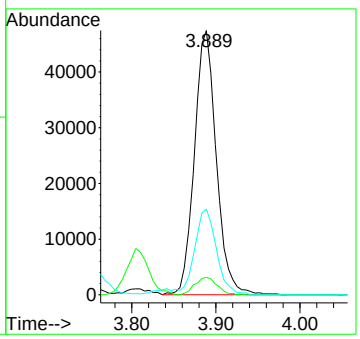


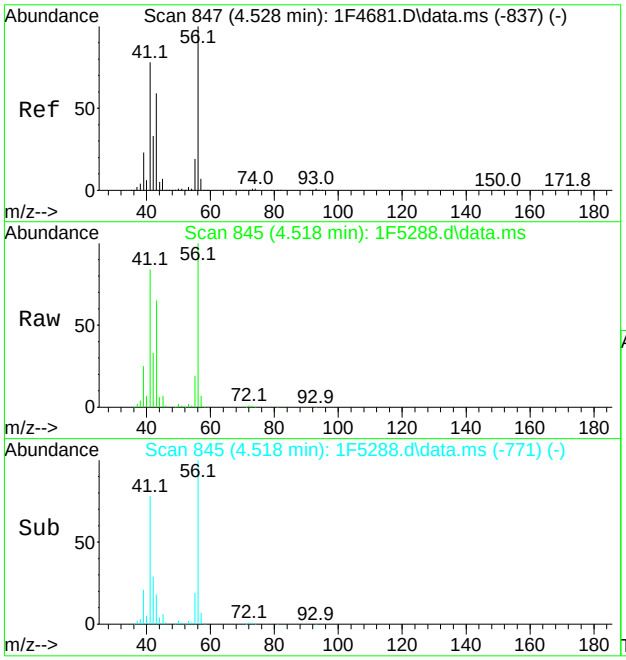


#57
1,2-dichloroethane
Concen: 19.6759 ug/L
RT: 3.889 min Scan# 725
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 62 Resp: 85871

Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	38.4
64	32.5	0.6	60.6

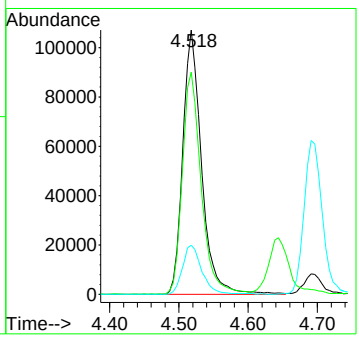


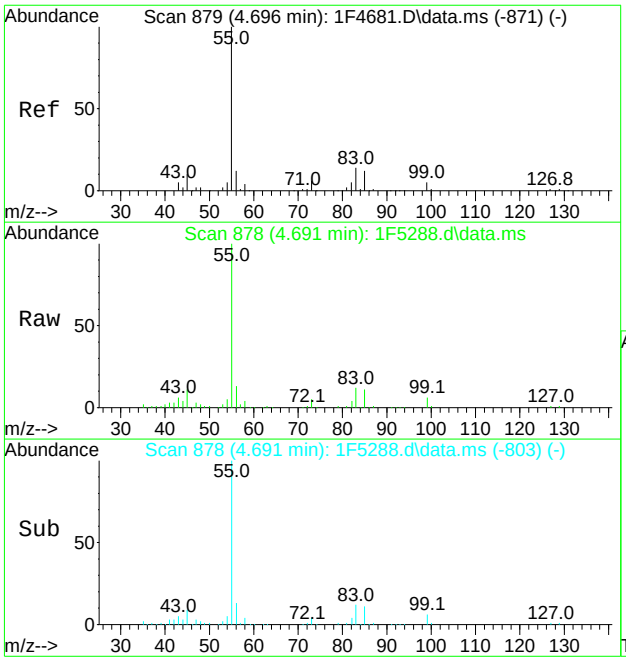


#58
n-butyl alcohol
Concen: 821.0138 ug/L
RT: 4.518 min Scan# 845
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 56 Resp: 202572

Ion	Ratio	Lower	Upper
56	100		
41	83.9	58.4	98.4
55	18.5	0.0	38.7

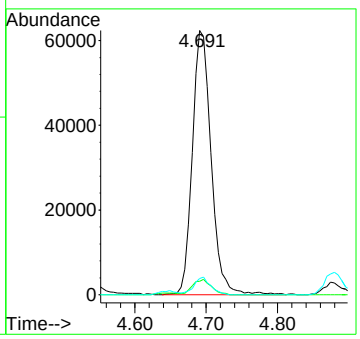


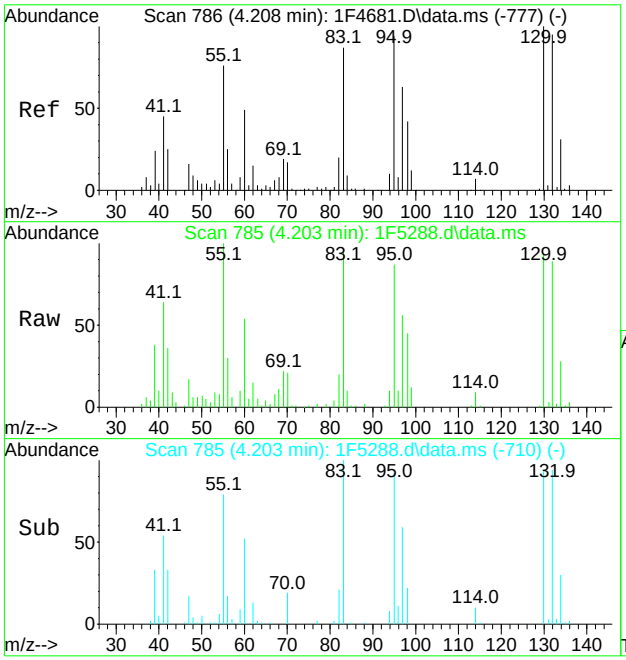


#59
ethyl acrylate
Concen: 20.3604 ug/L
RT: 4.691 min Scan# 878
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 55 Resp: 114699

Ion	Ratio	Lower	Upper
55	100		
73	5.1	0.0	36.5
99	6.1	0.0	36.3

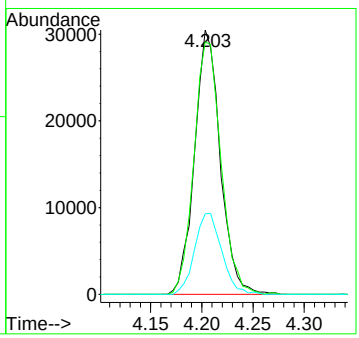


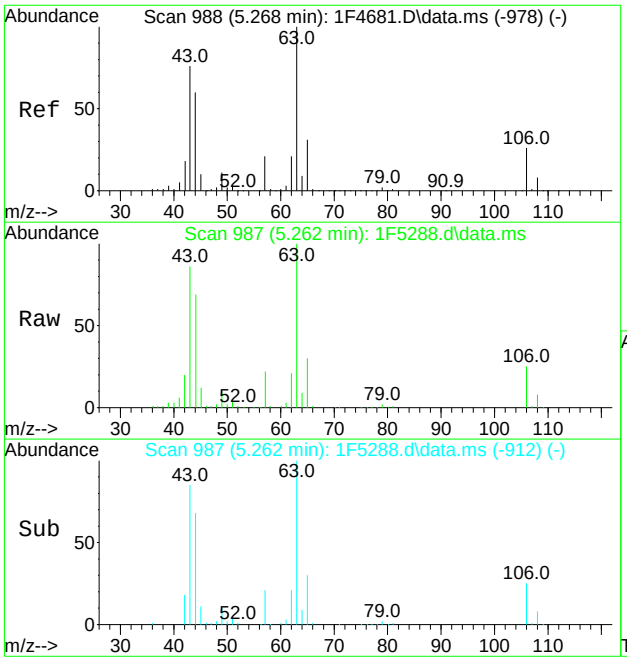


#60
trichloroethene
Concen: 17.6922 ug/L
RT: 4.203 min Scan# 785
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:130 Resp: 53330

Ion	Ratio	Lower	Upper
130	100		
132	95.5	65.1	125.1
134	30.5	0.7	60.7

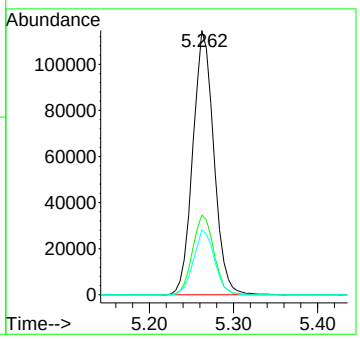


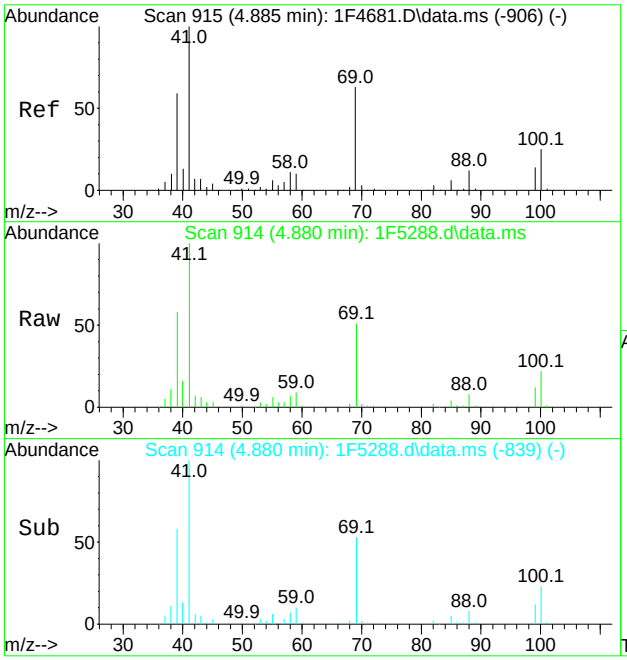


#62
2-chloroethyl vinyl ether
Concen: 92.6284 ug/L
RT: 5.262 min Scan# 987
Delta R.T. -0.006 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 63 Resp: 199005

Ion	Ratio	Lower	Upper
63	100		
65	30.2	1.4	61.4
106	24.6	0.0	55.6

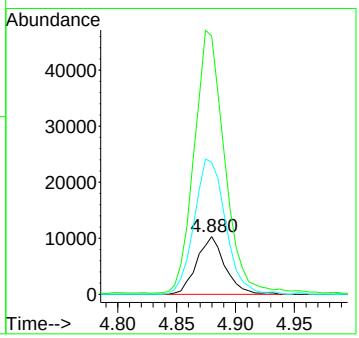


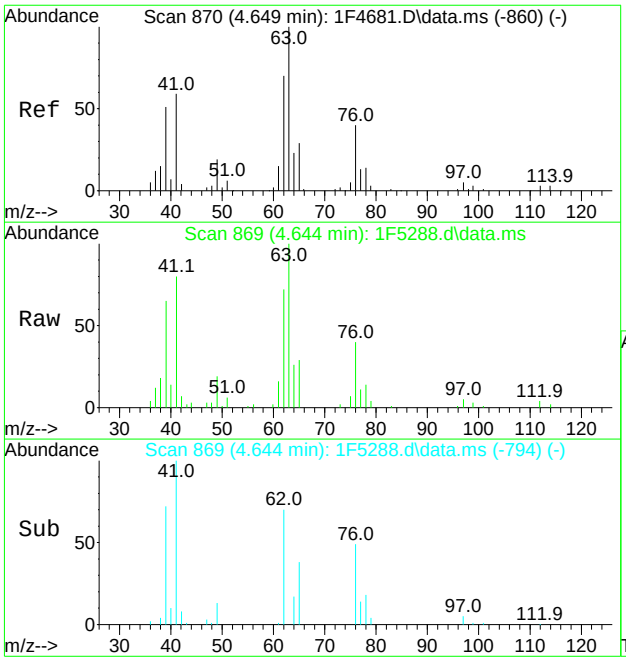


#63
methyl methacrylate
Concen: 19.0821 ug/L
RT: 4.880 min Scan# 914
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:100 Resp: 17344

Ion	Ratio	Lower	Upper
100	100		
41	443.6	371.0	431.0#
69	228.5	223.0	283.0

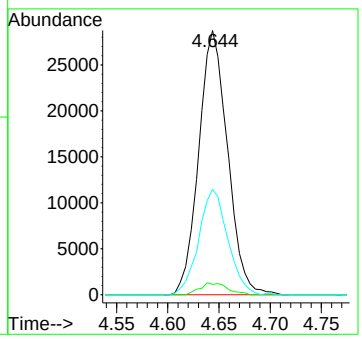


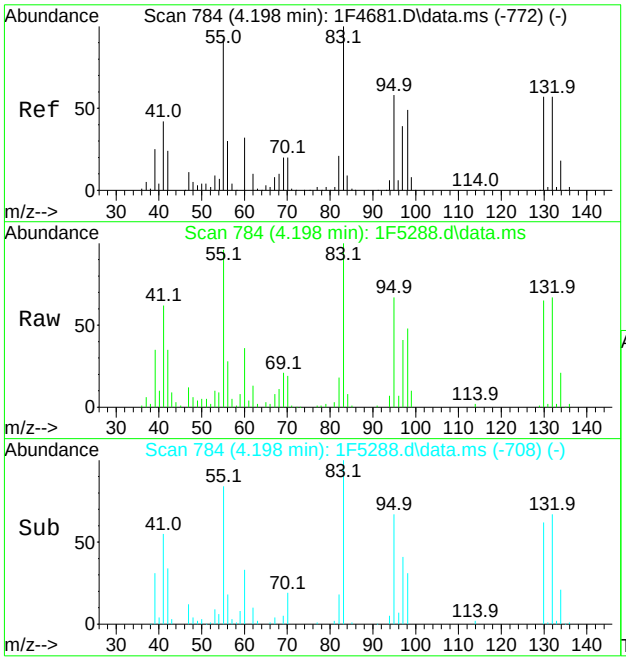


#64
1,2-dichloropropane
Concen: 19.8574 ug/L
RT: 4.644 min Scan# 869
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 63 Resp: 56321

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	33.3
76	39.8	10.3	70.3

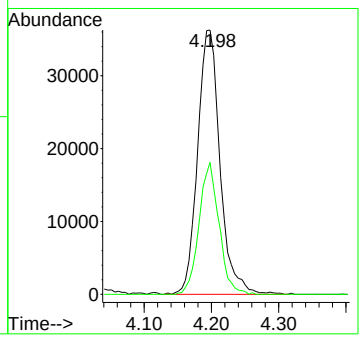


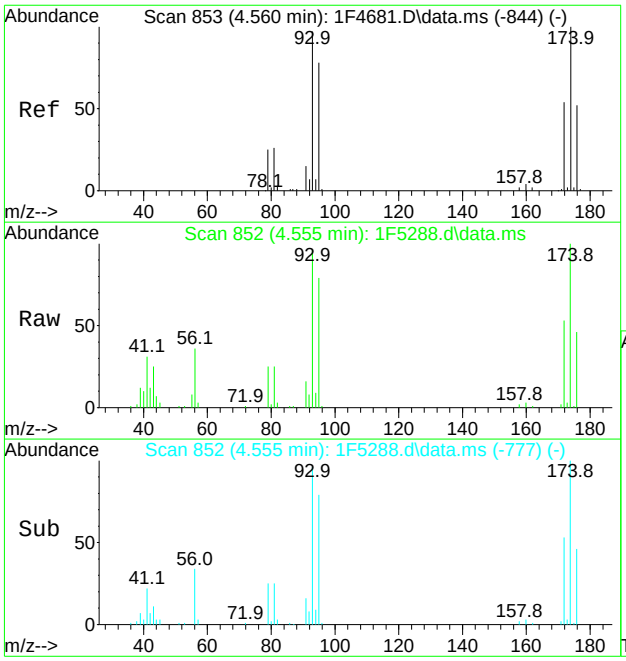


#65
methylcyclohexane
Concen: 20.5280 ug/L
RT: 4.198 min Scan# 784
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 55 Resp: 84027

Ion	Ratio	Lower	Upper
55	100		
98	50.0	22.3	82.3

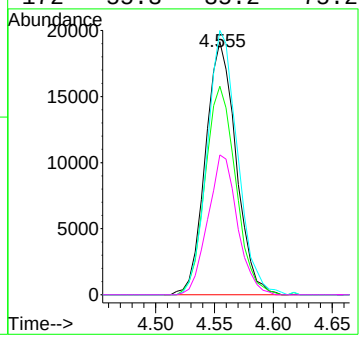


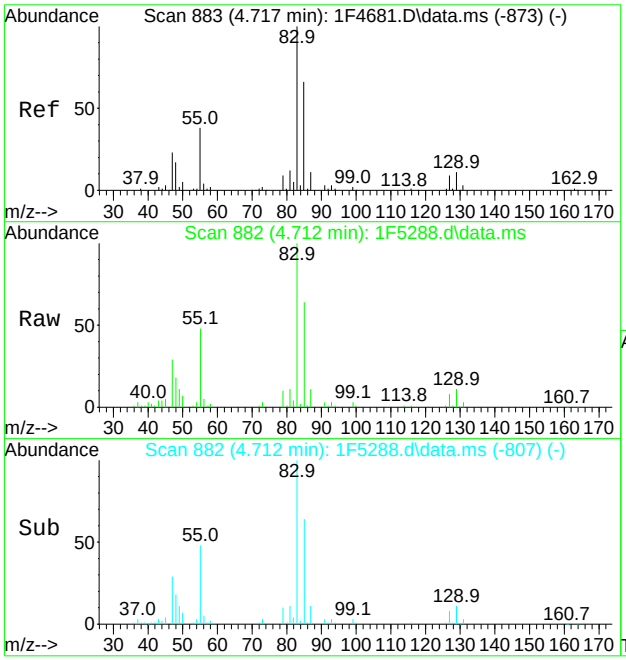


#66
dibromomethane
Concen: 18.1602 ug/L
RT: 4.555 min Scan# 852
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 93 Resp: 34595

Ion	Ratio	Lower	Upper
93	100		
95	82.3	50.3	110.3
174	104.4	73.1	133.1
172	55.3	35.2	75.2

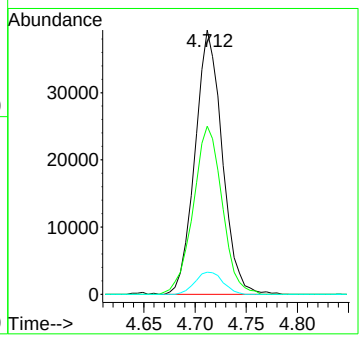


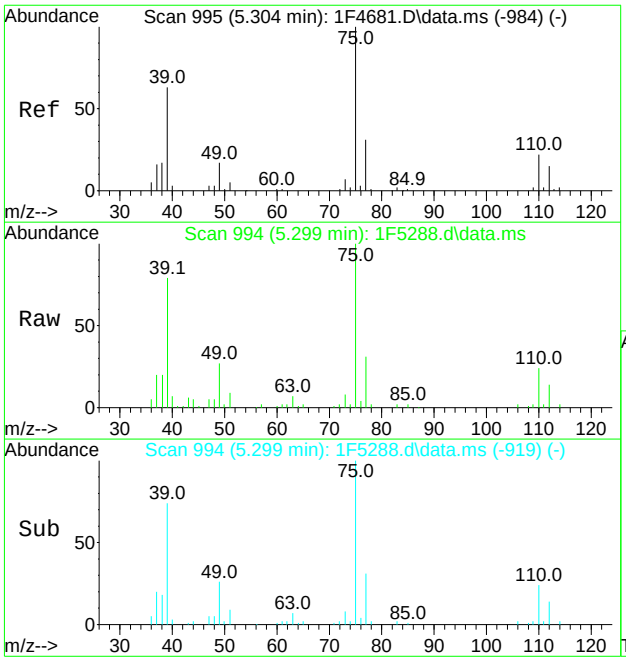


#67
bromodichloromethane
Concen: 19.5004 ug/L
RT: 4.712 min Scan# 882
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 83 Resp: 72744

Ion	Ratio	Lower	Upper
83	100		
85	63.6	36.2	96.2
127	8.4	0.0	39.3

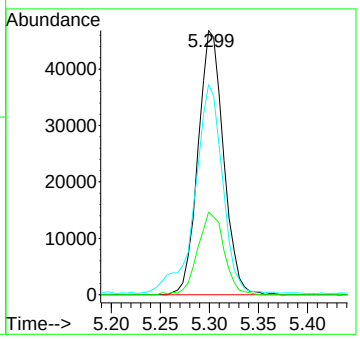


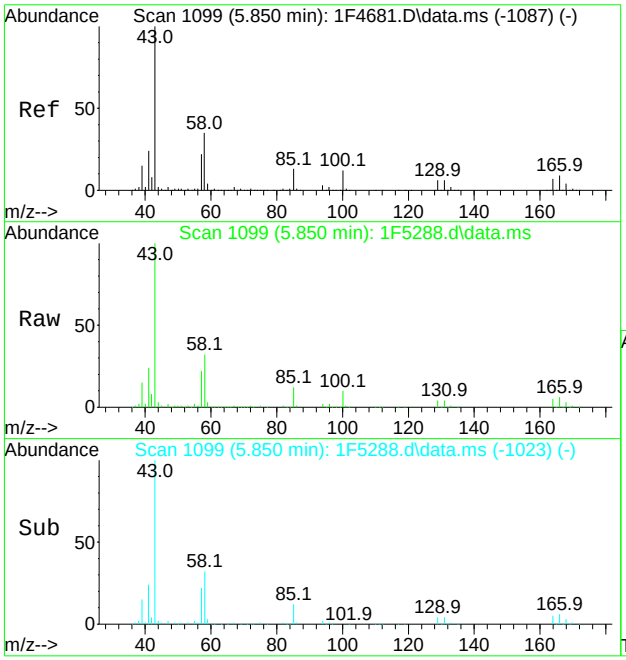


#69
cis-1,3-dichloropropene
Concen: 18.9867 ug/L
RT: 5.299 min Scan# 994
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 75 Resp: 84396

Ion	Ratio	Lower	Upper
75	100		
77	31.3	1.6	61.6
39	78.7	34.9	94.9

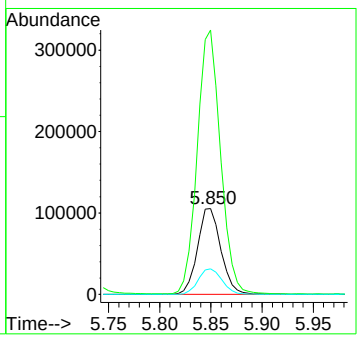


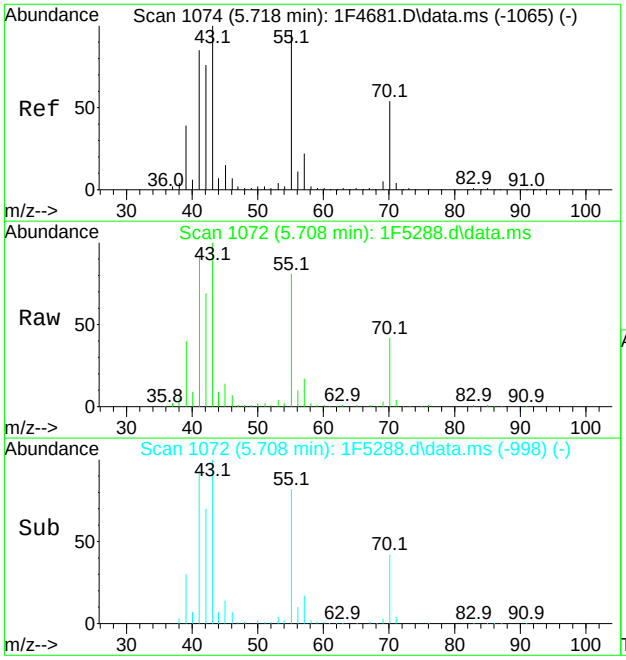


#70
4-methyl-2-pentanone
Concen: 83.3167 ug/L
RT: 5.850 min Scan# 1099
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 58 Resp: 167542

Ion	Ratio	Lower	Upper
58	100		
43	307.5	257.8	317.8
100	29.9	3.4	63.4

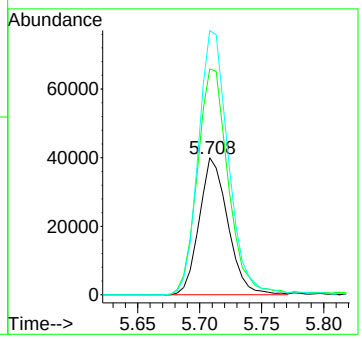


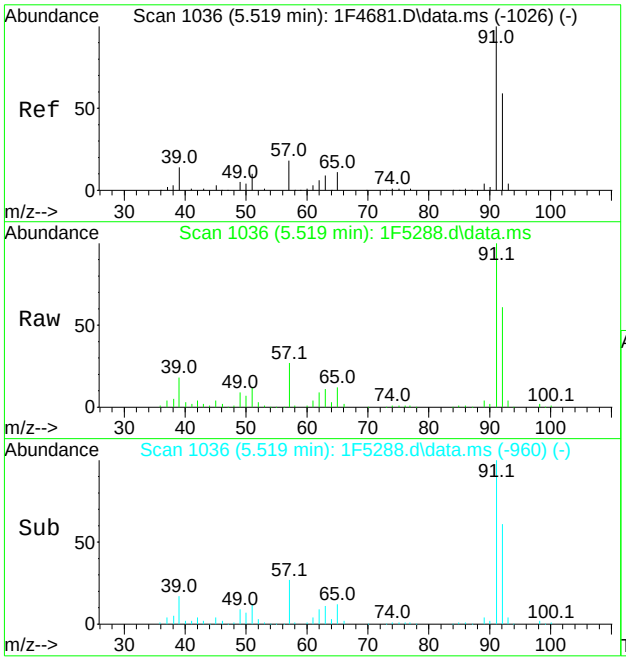


#71
3-methyl-1-butanol
Concen: 322.9983 ug/L
RT: 5.708 min Scan# 1072
Delta R.T. -0.010 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 70 Resp: 64301

Ion	Ratio	Lower	Upper
70	100		
42	165.0	111.6	171.6
55	193.0	150.0	210.0

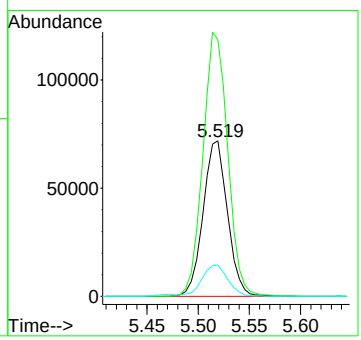


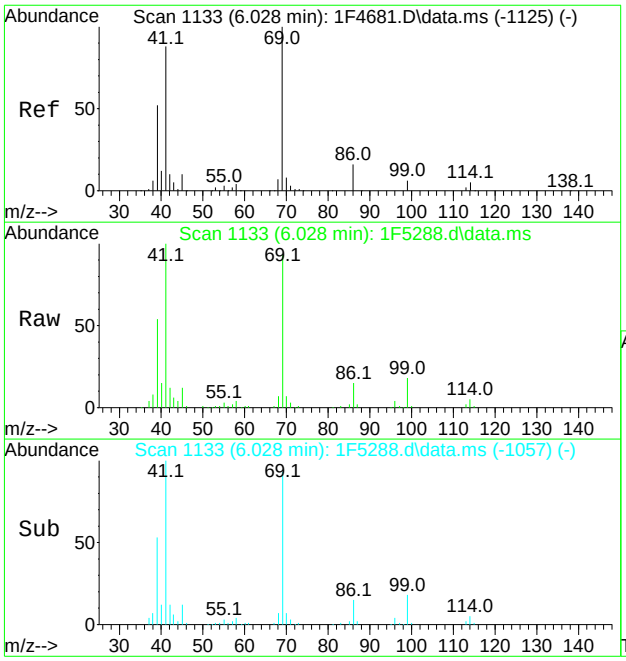


#74
toluene
Concen: 17.9984 ug/L
RT: 5.519 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 92 Resp: 119214

Ion	Ratio	Lower	Upper
92	100		
91	165.1	149.7	189.7
65	20.1	0.0	39.3

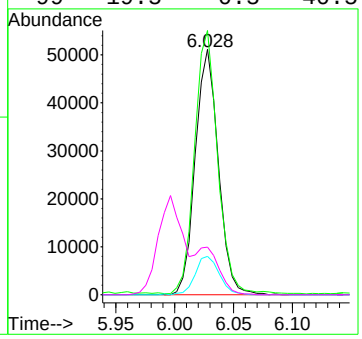


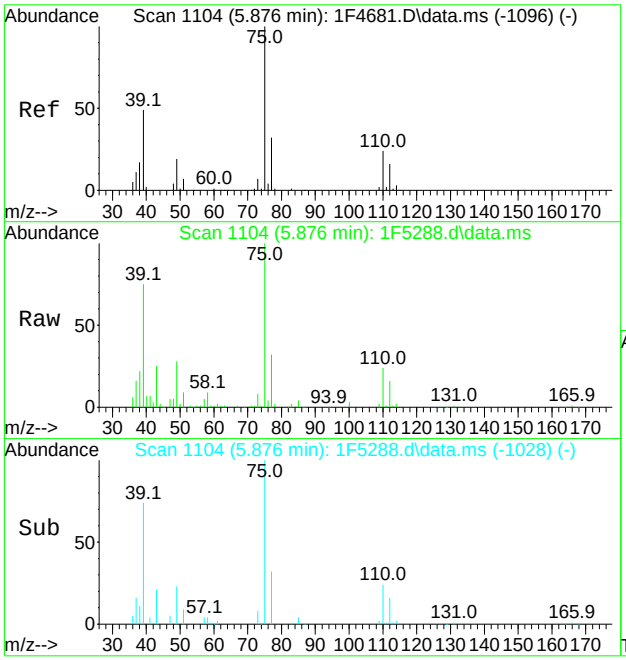


#75
ethyl methacrylate
Concen: 18.2231 ug/L
RT: 6.028 min Scan# 1133
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 69 Resp: 69764

Ion	Ratio	Lower	Upper
69	100		
41	107.2	68.4	108.4
86	15.7	0.0	35.9
99	19.5	0.5	40.5

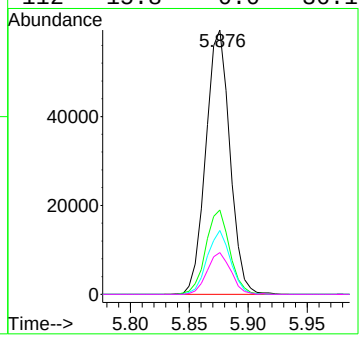


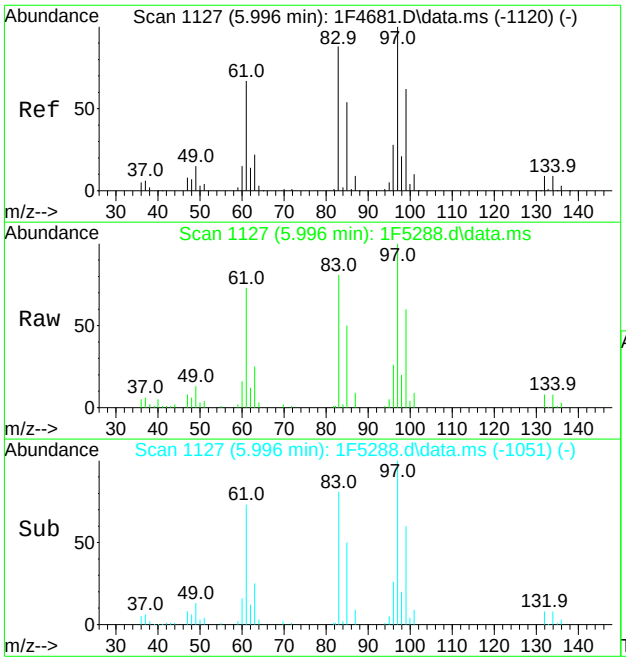


#76
trans-1,3-dichloropropene
Concen: 19.4732 ug/L
RT: 5.876 min Scan# 1104
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 75 Resp: 84741

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.9	51.9
110	24.2	4.0	44.0
112	15.8	0.0	36.1

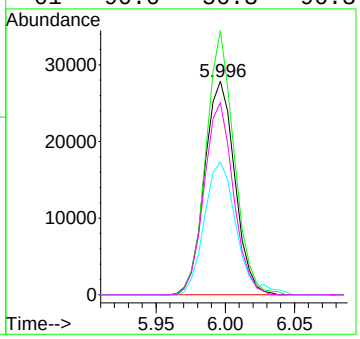


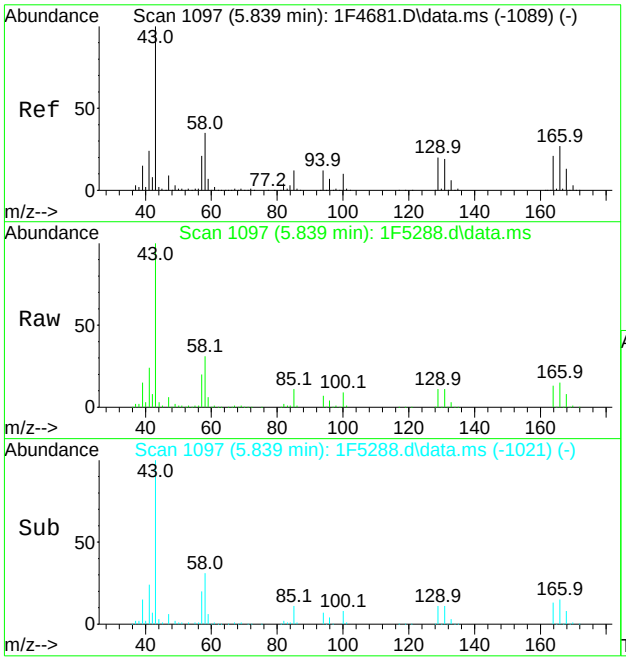


#77
1,1,2-trichloroethane
Concen: 18.8017 ug/L
RT: 5.996 min Scan# 1127
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 83 Resp: 42237

Ion	Ratio	Lower	Upper
83	100		
97	123.7	93.8	133.8
85	62.2	41.5	81.5
61	90.0	56.3	96.3

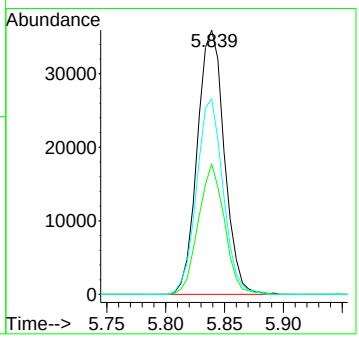


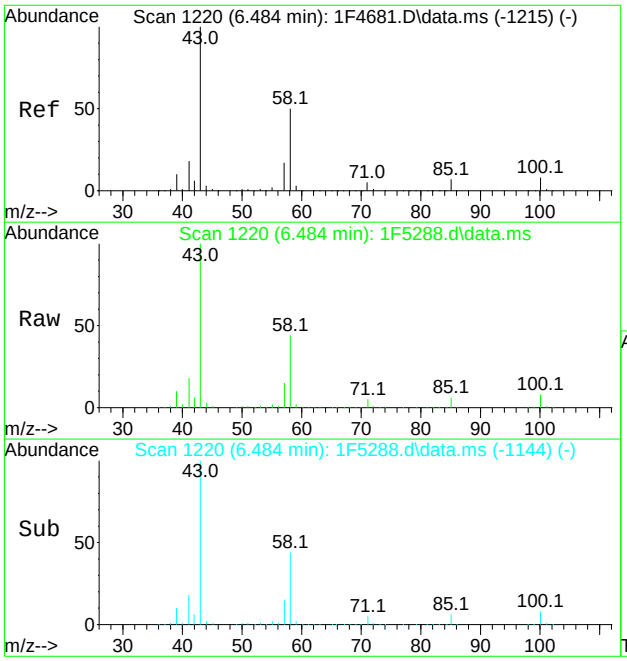


#78
tetrachloroethene
Concen: 18.2999 ug/L
RT: 5.839 min Scan# 1097
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:166 Resp: 57324

Ion	Ratio	Lower	Upper
166	100		
168	49.4	17.4	77.4
129	73.9	42.9	102.9

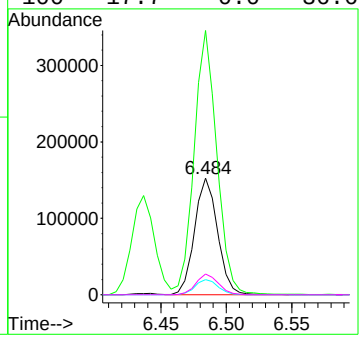


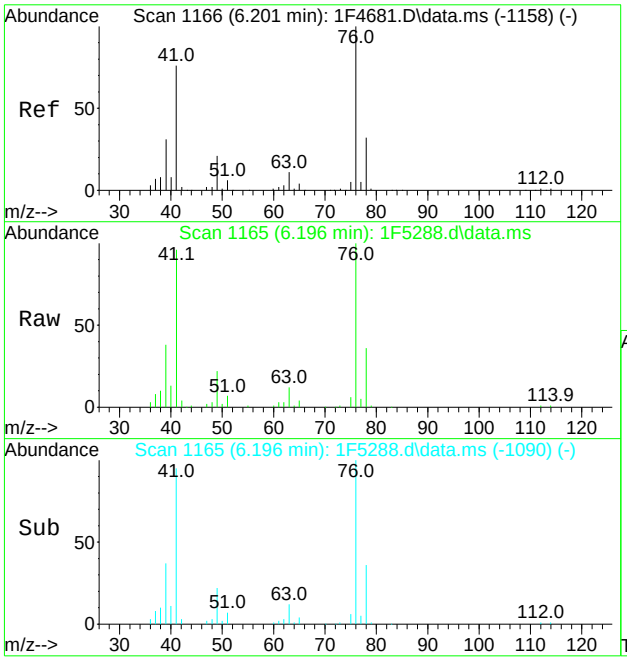


#79
2-hexanone
Concen: 83.6726 ug/L
RT: 6.484 min Scan# 1220
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 58 Resp: 187407

Ion	Ratio	Lower	Upper
58	100		
43	226.1	186.4	226.4
85	12.9	0.0	33.7
100	17.7	0.0	36.6

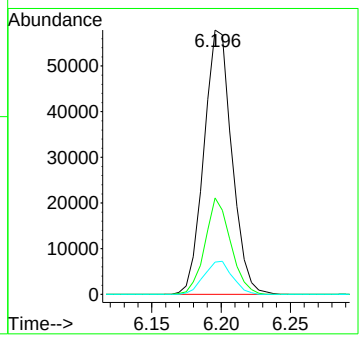


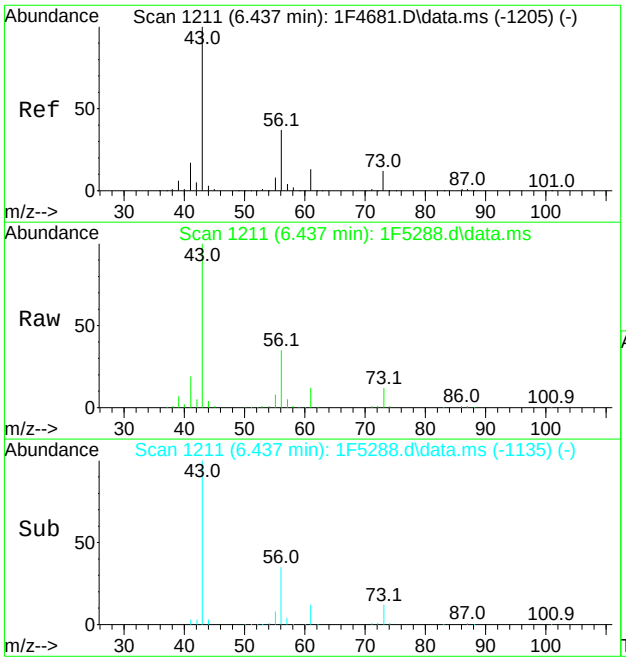


#80
1,3-dichloropropane
Concen: 18.6678 ug/L
RT: 6.196 min Scan# 1165
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 76 Resp: 80971

Ion	Ratio	Lower	Upper
76	100		
78	36.5	1.8	61.8
63	12.2	0.0	41.2

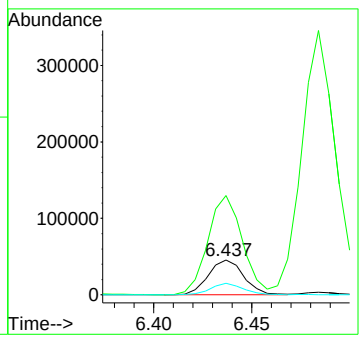


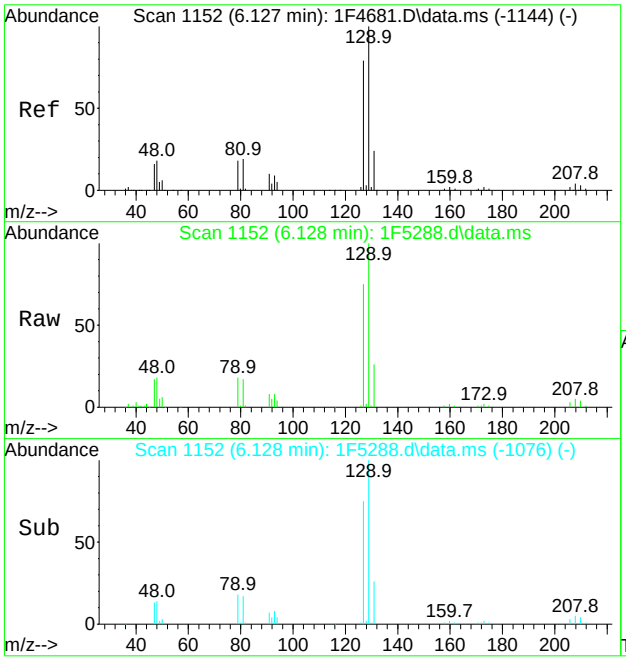


#81
butyl acetate
Concen: 21.0895 ug/L
RT: 6.437 min Scan# 1211
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 56 Resp: 57187

Ion	Ratio	Lower	Upper
56	100		
43	284.7	242.5	302.5
73	32.8	3.8	63.8

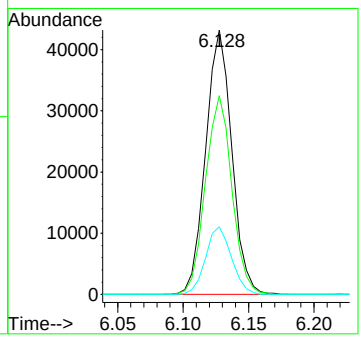


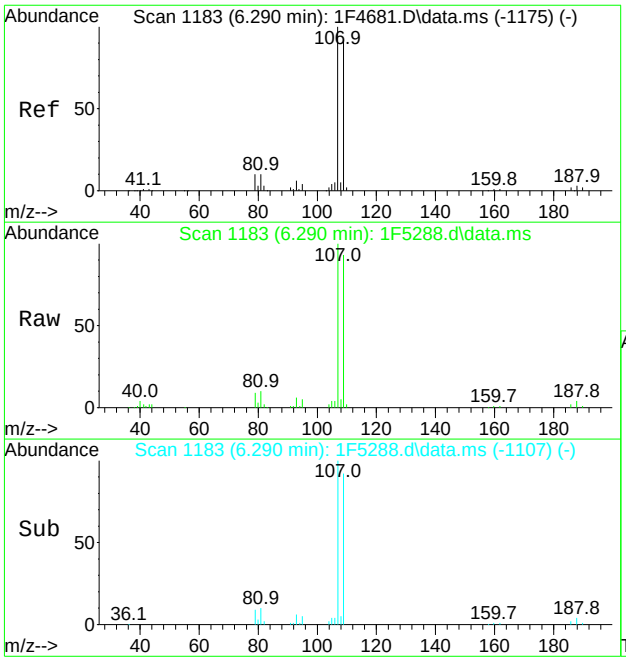


#82
dibromochloromethane
Concen: 19.5146 ug/L
RT: 6.128 min Scan# 1152
Delta R.T. 0.001 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:129 Resp: 60025

Ion	Ratio	Lower	Upper
129	100		
127	75.2	49.3	109.3
131	25.5	0.0	54.2

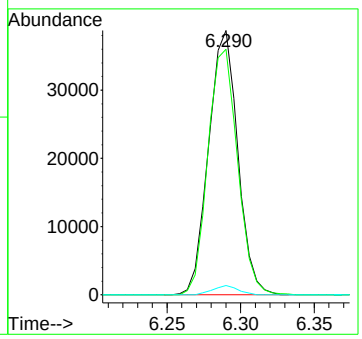


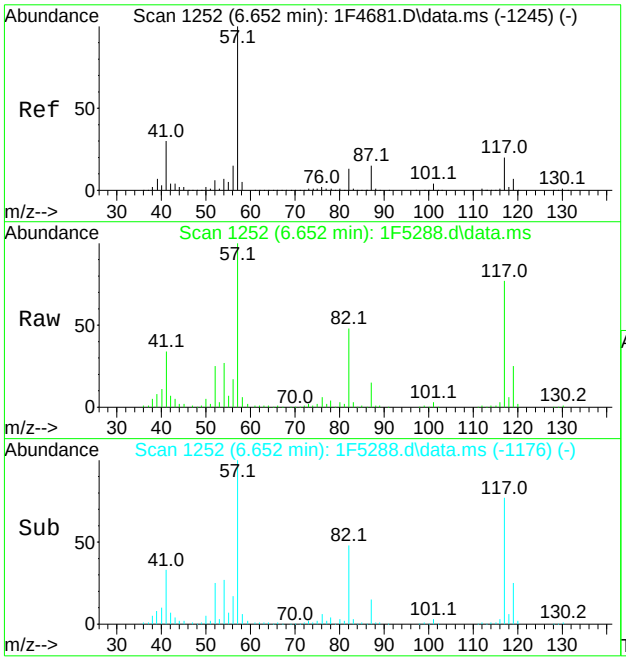


#83
1,2-dibromoethane
Concen: 17.9259 ug/L
RT: 6.290 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:107 Resp: 53235

Ion	Ratio	Lower	Upper
107	100		
109	92.8	62.2	122.2
188	3.5	0.0	33.1

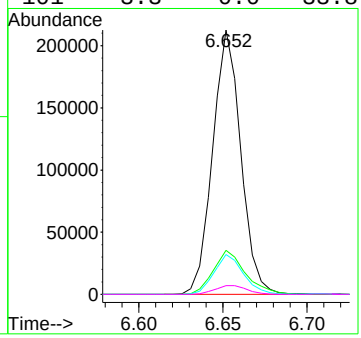


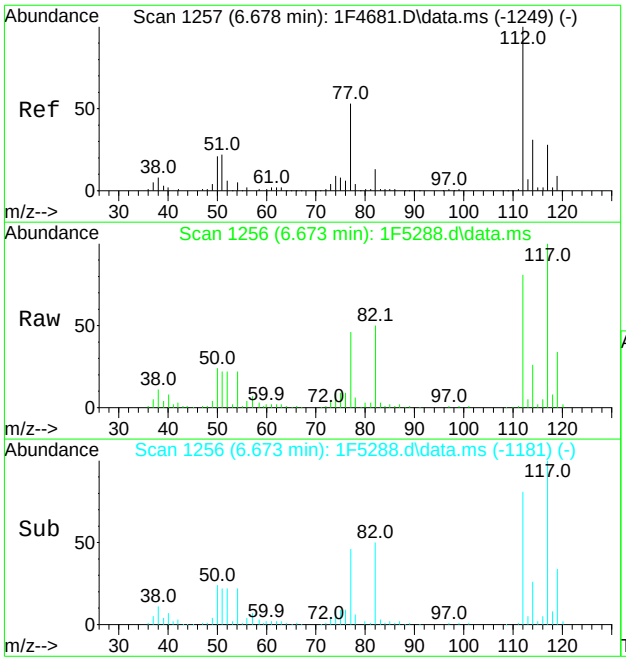


#84
n-butyl ether
Concen: 20.2315 ug/L
RT: 6.652 min Scan# 1252
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 57 Resp: 248009

Ion	Ratio	Lower	Upper
57	100		
56	16.7	0.0	45.2
87	15.1	0.0	45.1
101	3.3	0.0	33.8

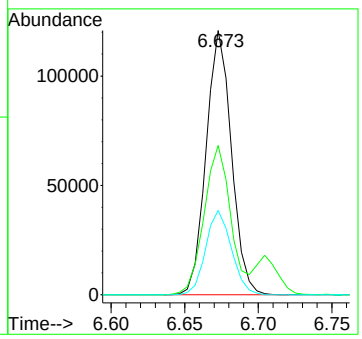


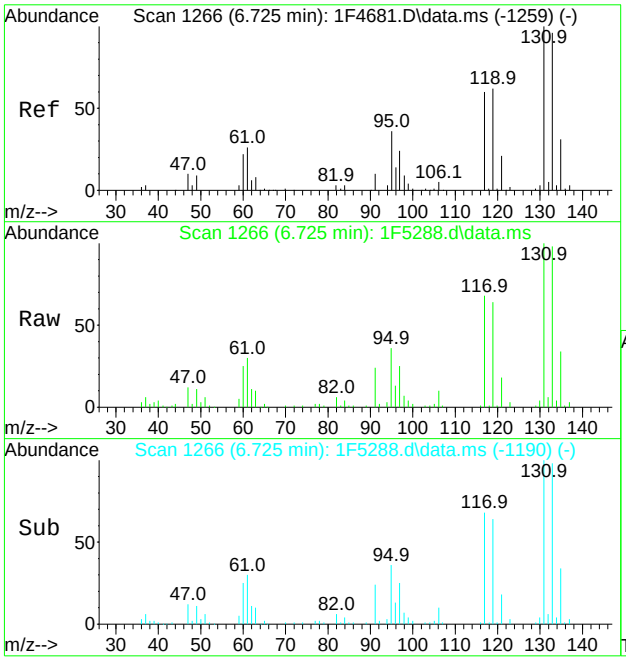


#85
chlorobenzene
Concen: 18.1596 ug/L
RT: 6.673 min Scan# 1256
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:112 Resp: 143896

Ion	Ratio	Lower	Upper
112	100		
77	56.5	23.0	83.0
114	31.9	0.9	60.9

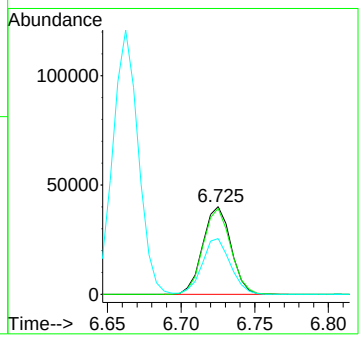


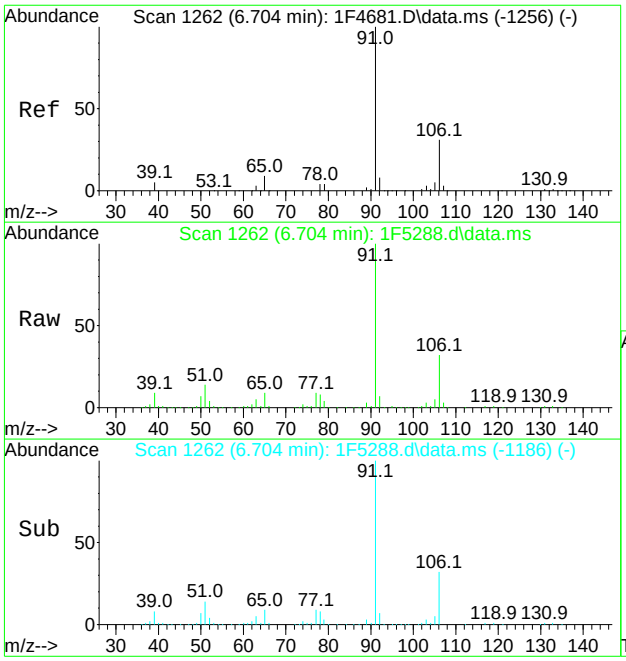


#86
1,1,1,2-tetrachloroethane
Concen: 19.4985 ug/L
RT: 6.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:131 Resp: 53412

Ion	Ratio	Lower	Upper
131	100		
133	98.0	65.8	125.8
119	63.6	34.8	94.8

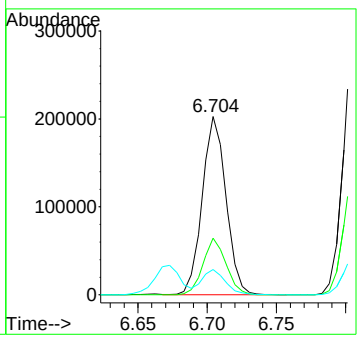


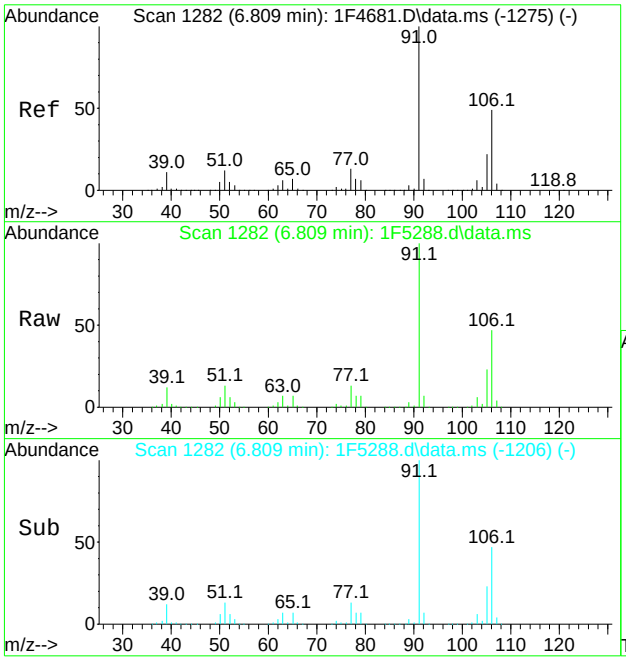


#87
ethylbenzene
Concen: 18.6478 ug/L
RT: 6.704 min Scan# 1262
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 91 Resp: 240877

Ion	Ratio	Lower	Upper
91	100		
106	31.7	1.1	61.1
51	14.1	0.0	41.8

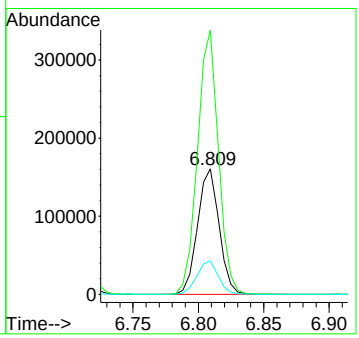


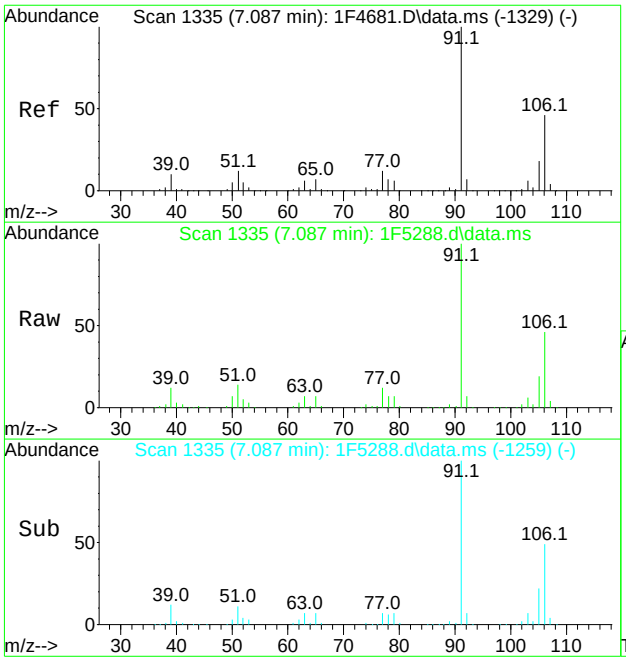


#88
m,p-xylene
Concen: 38.1430 ug/L
RT: 6.809 min Scan# 1282
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:106 Resp: 183738

Ion	Ratio	Lower	Upper
106	100		
91	210.6	175.7	235.7
77	26.9	6.5	46.5

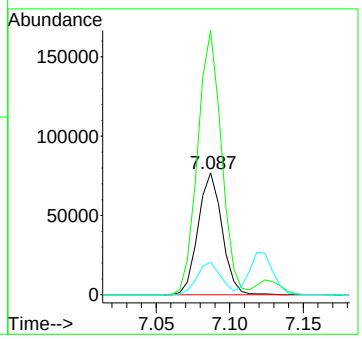


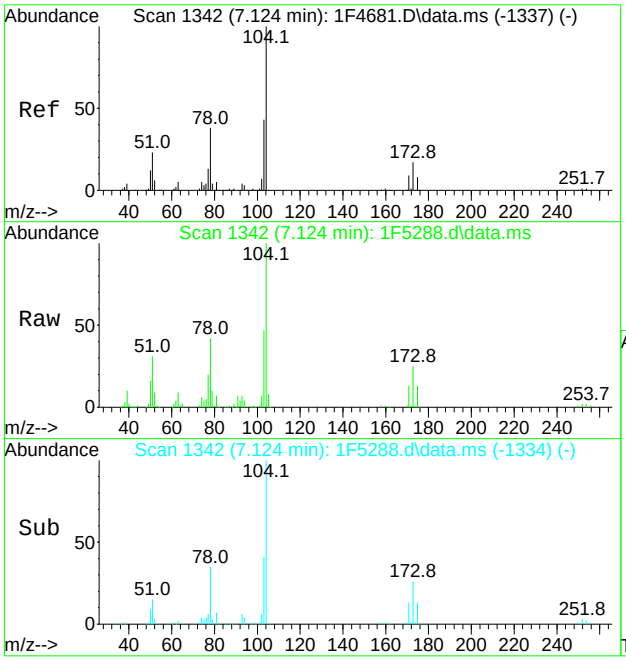


#89
o-xylene
Concen: 18.1677 ug/L
RT: 7.087 min Scan# 1335
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:106 Resp: 86870

Ion	Ratio	Lower	Upper
106	100		
91	216.8	187.1	247.1
77	26.7	5.8	45.8

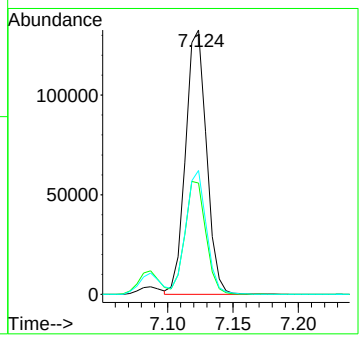


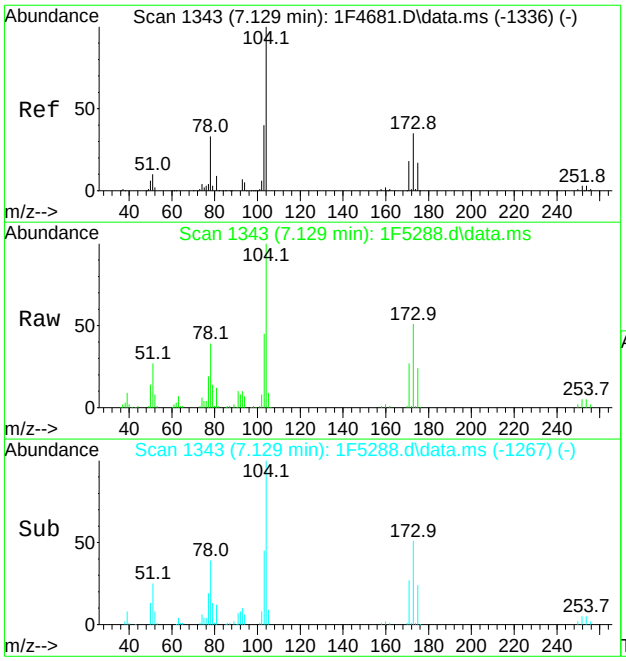


#90
styrene
Concen: 19.0703 ug/L
RT: 7.124 min Scan# 1342
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:104 Resp: 147876

Ion	Ratio	Lower	Upper
104	100		
78	42.1	11.5	71.5
103	46.9	16.4	76.4

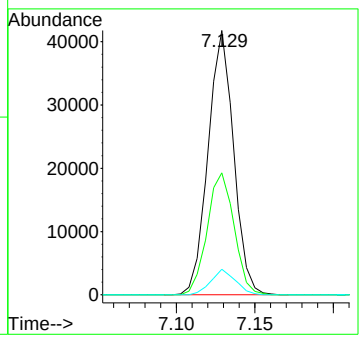


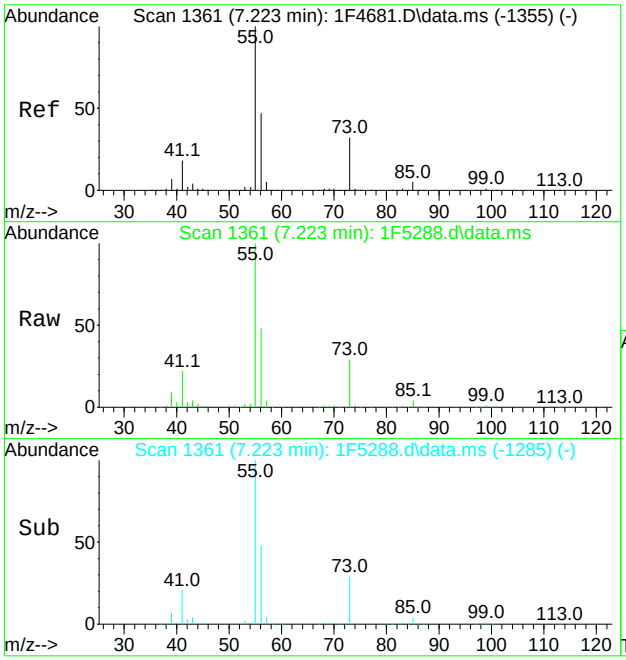


#91
bromoform
Concen: 20.3595 ug/L
RT: 7.129 min Scan# 1343
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:173 Resp: 47345

Ion	Ratio	Lower	Upper
173	100		
175	46.1	18.2	78.2
254	9.6	0.0	39.2

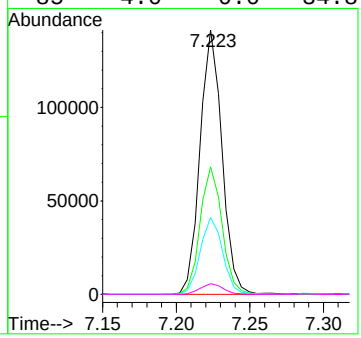




#92
butyl acrylate
Concen: 21.1268 ug/L
RT: 7.223 min Scan# 1361
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

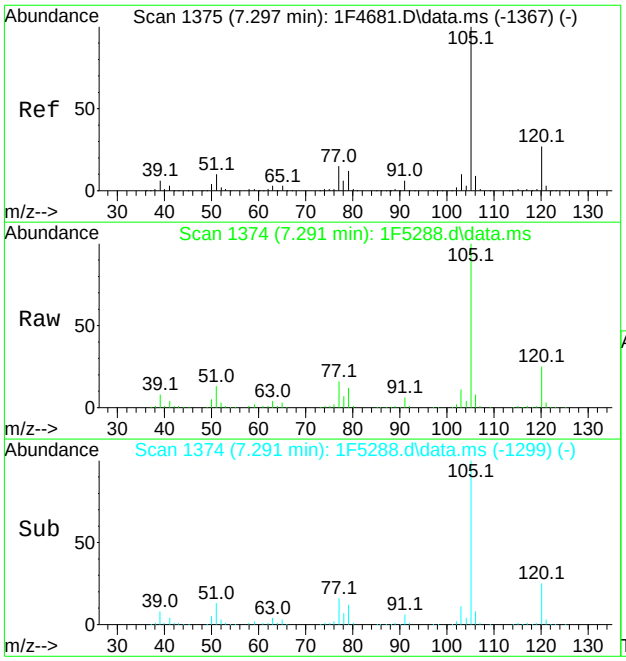
Tgt Ion: 55 Resp: 146289

Ion	Ratio	Lower	Upper
55	100		
56	48.2	16.7	76.7
73	29.2	1.8	61.8
85	4.0	0.0	34.8



7.7.13

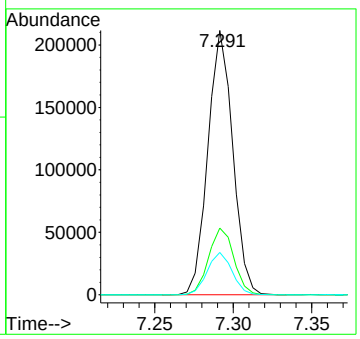
7

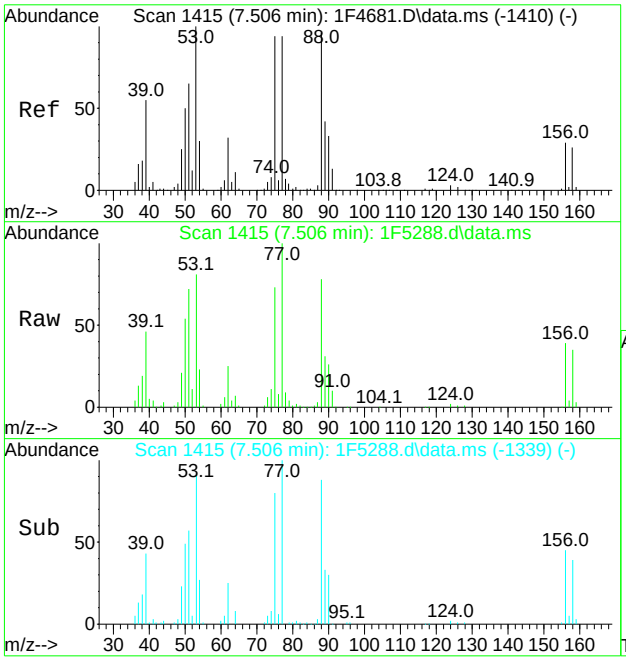


#93
isopropylbenzene
Concen: 19.1020 ug/L
RT: 7.291 min Scan# 1374
Delta R.T. -0.006 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:105 Resp: 233239

Ion	Ratio	Lower	Upper
105	100		
120	25.3	7.4	47.4
77	16.0	0.0	35.0

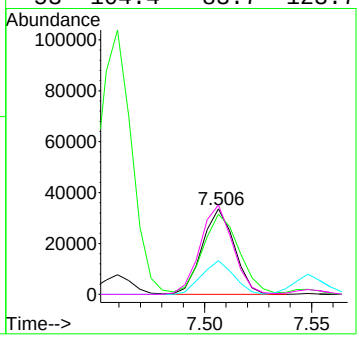


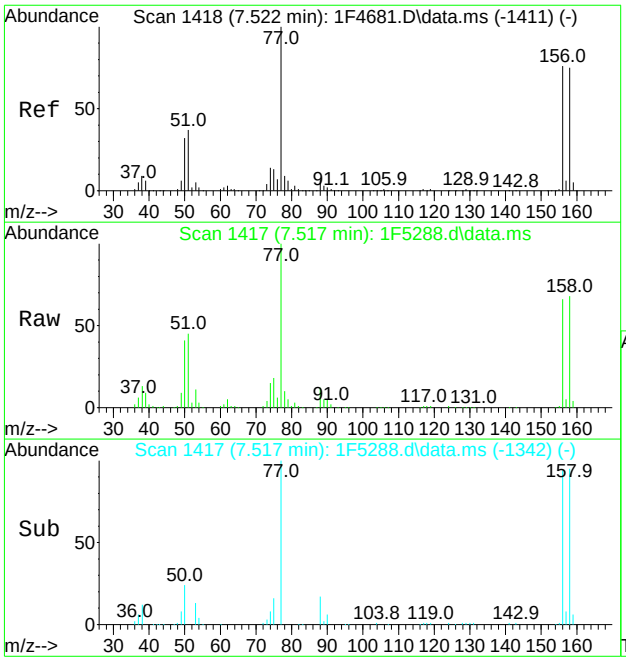


#94
cis-1,4-dichloro-2-butene
Concen: 20.7570 ug/L
RT: 7.506 min Scan# 1415
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 88 Resp: 35210

Ion	Ratio	Lower	Upper
88	100		
75	91.2	77.0	117.0
89	39.3	23.1	63.1
53	104.4	83.7	123.7

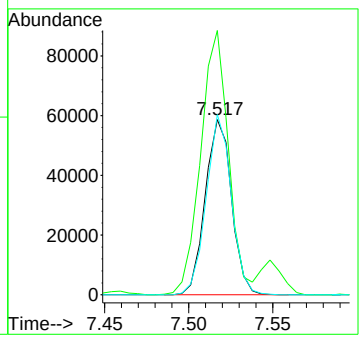


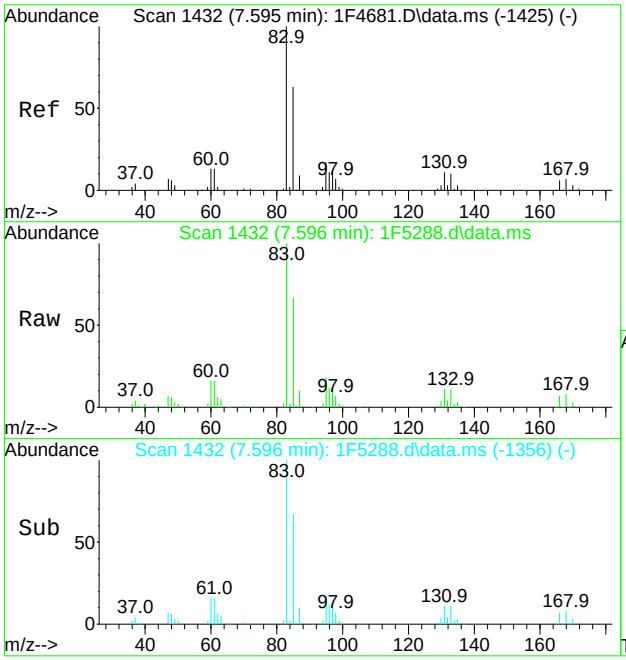


#97
bromobenzene
Concen: 18.5967 ug/L
RT: 7.517 min Scan# 1417
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:156 Resp: 63890

Ion	Ratio	Lower	Upper
156	100		
77	150.7	100.9	160.9
158	102.8	68.7	128.7

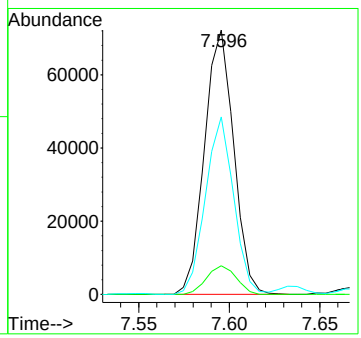


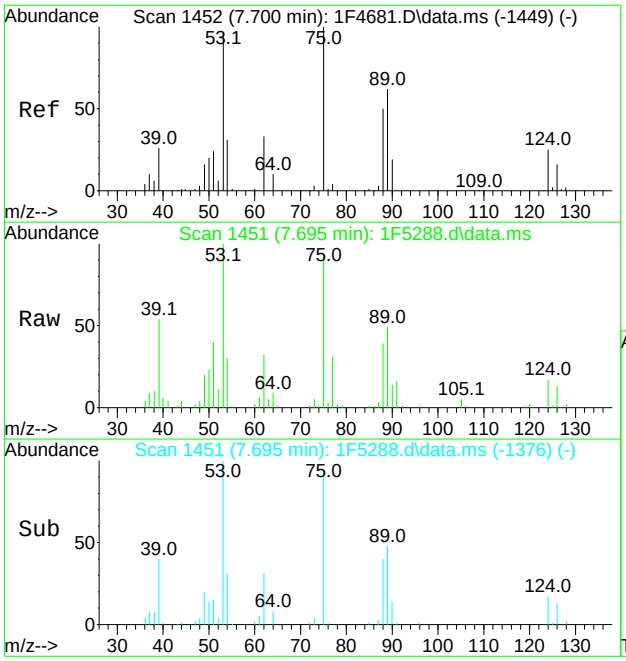


#98
1,1,2,2-tetrachloroethane
Concen: 19.1204 ug/L
RT: 7.596 min Scan# 1432
Delta R.T. 0.001 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 83 Resp: 80856

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	40.8
85	67.1	33.2	93.2

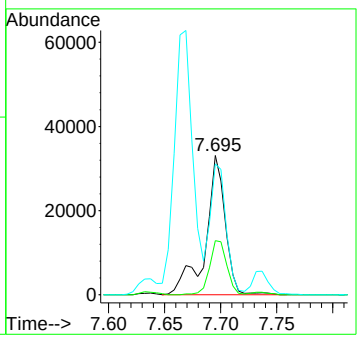


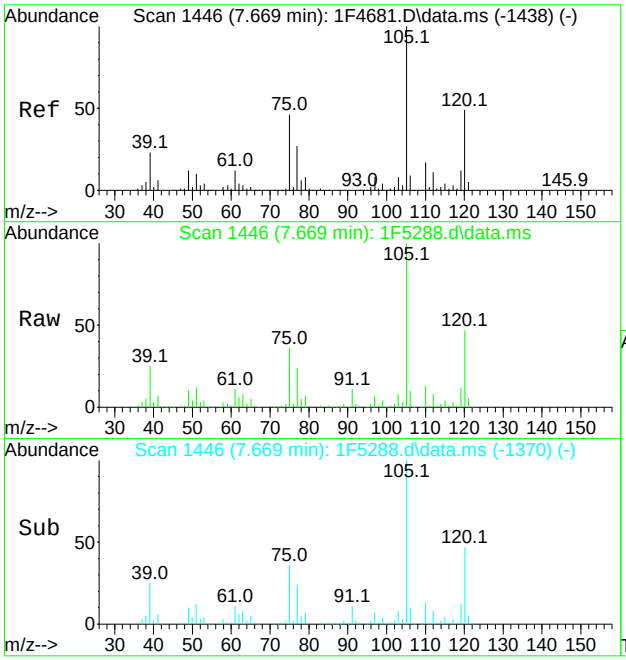


#99
trans-1,4-dichloro-2-butene
Concen: 26.4042 ug/L
RT: 7.695 min Scan# 1451
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 53 Resp: 40765

Ion	Ratio	Lower	Upper
53	100		
88	38.9	18.2	78.2
75	93.0	87.5	147.5

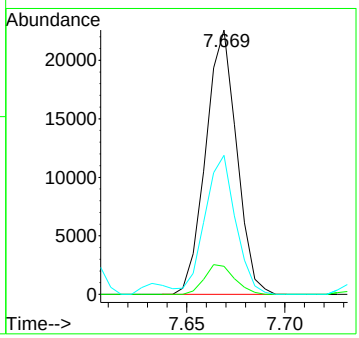


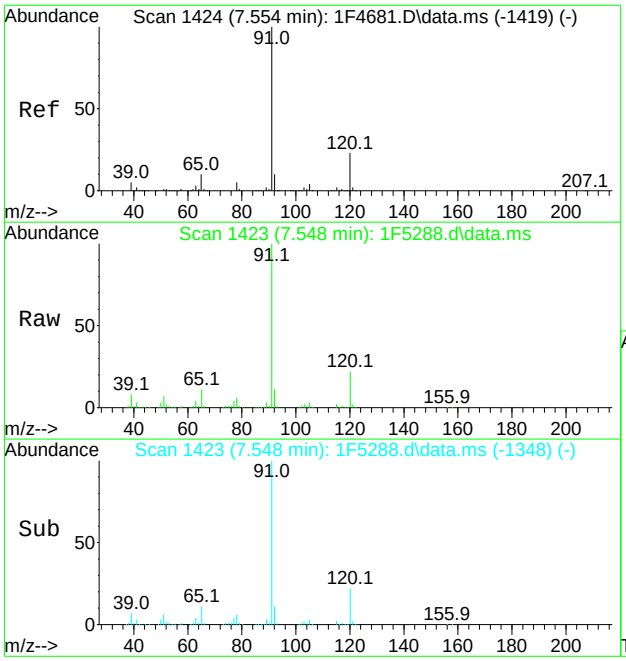


#100
1,2,3-trichloropropane
Concen: 17.5005 ug/L
RT: 7.669 min Scan# 1446
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:110 Resp: 24785

Ion	Ratio	Lower	Upper
110	100		
111	10.6	0.0	40.2
97	52.6	18.4	78.4

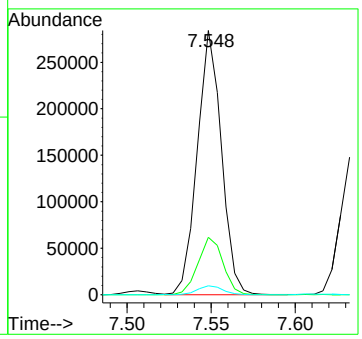


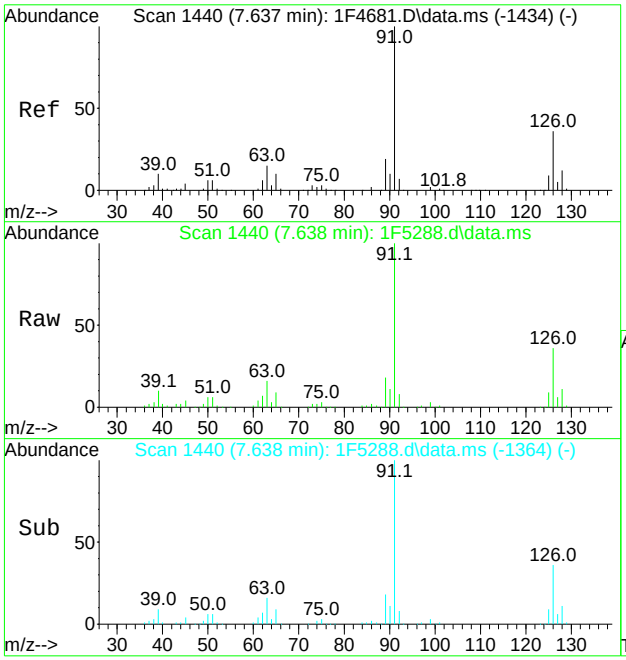


#101
n-propylbenzene
Concen: 18.5507 ug/L
RT: 7.548 min Scan# 1423
Delta R.T. -0.006 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 91 Resp: 283813

Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	52.5
105	3.3	0.0	33.7

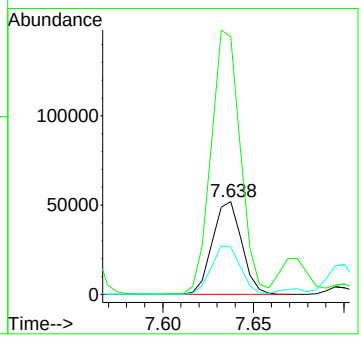


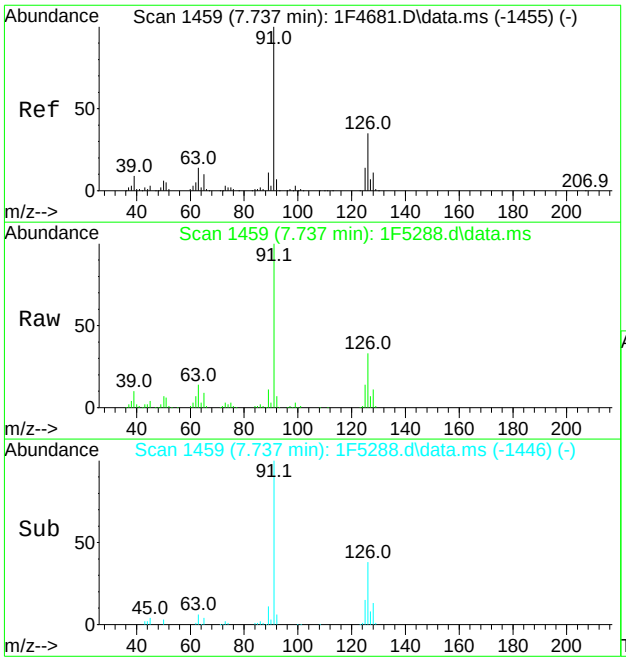


#102
2-chlorotoluene
Concen: 18.5991 ug/L
RT: 7.638 min Scan# 1440
Delta R.T. 0.001 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:126 Resp: 58287

Ion	Ratio	Lower	Upper
126	100		
91	276.9	247.5	307.5
89	50.9	21.5	81.5

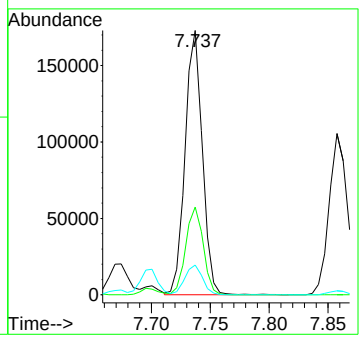


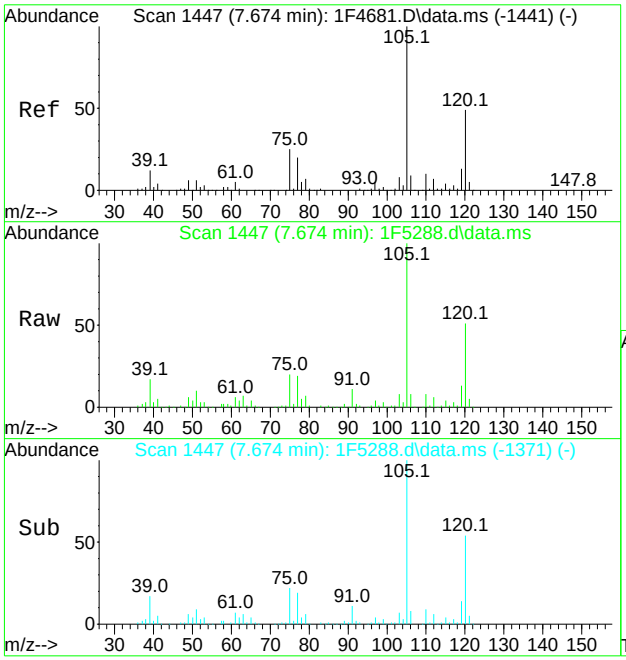


#103
4-chlorotoluene
Concen: 18.5596 ug/L
RT: 7.737 min Scan# 1459
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 91 Resp: 176542

Ion	Ratio	Lower	Upper
91	100		
126	33.2	4.6	64.6
89	11.3	0.0	41.6

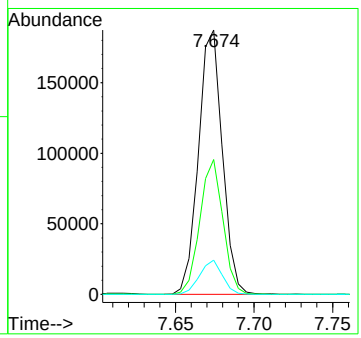


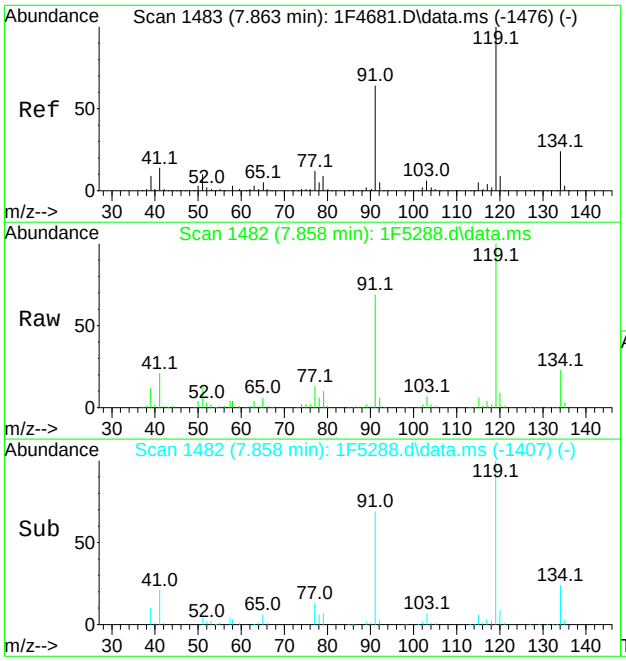


#104
1,3,5-trimethylbenzene
Concen: 18.5230 ug/L
RT: 7.674 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:105 Resp: 198447

Ion	Ratio	Lower	Upper
105	100		
120	51.0	18.8	78.8
119	13.0	0.0	42.6

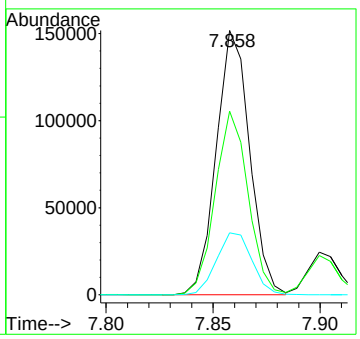


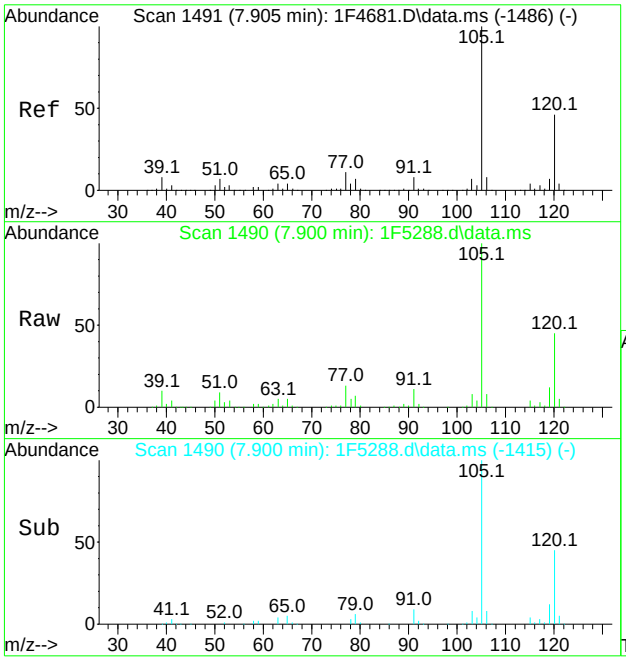


#105
tert-butylbenzene
Concen: 17.9070 ug/L
RT: 7.858 min Scan# 1482
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:119 Resp: 165082

Ion	Ratio	Lower	Upper
119	100		
91	69.4	33.5	93.5
134	23.4	0.0	54.1

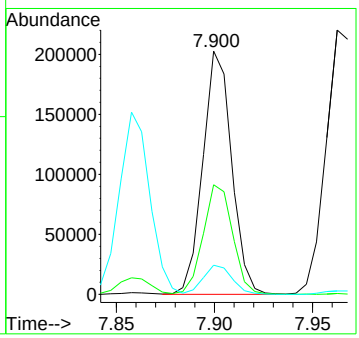


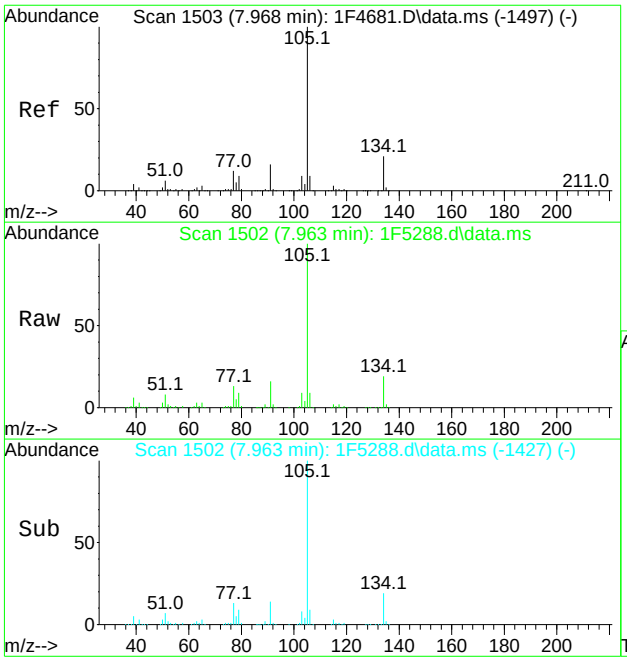


#106
1,2,4-trimethylbenzene
Concen: 18.5920 ug/L
RT: 7.900 min Scan# 1490
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:105 Resp: 207605

Ion	Ratio	Lower	Upper
105	100		
120	45.2	16.3	76.3
119	12.1	0.0	41.6

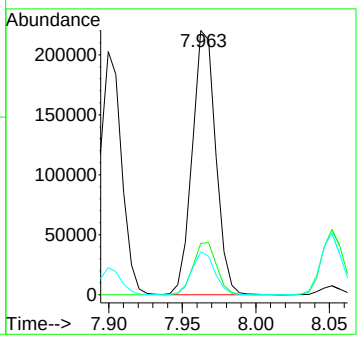


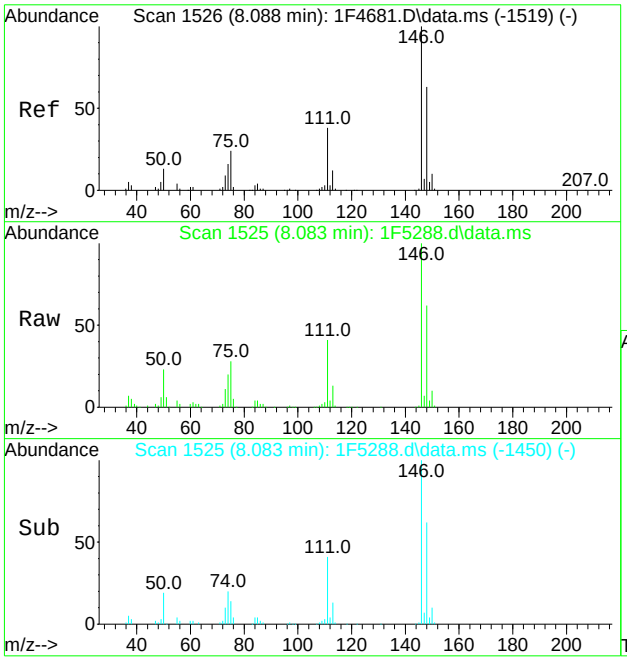


#107
sec-butylbenzene
Concen: 18.5771 ug/L
RT: 7.963 min Scan# 1502
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:105 Resp: 244698

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	50.6
91	16.2	0.0	45.9

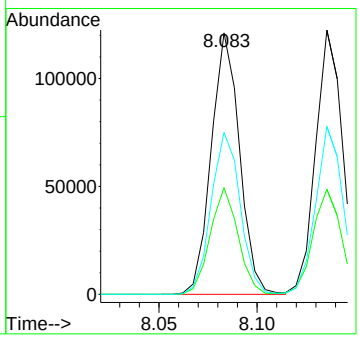


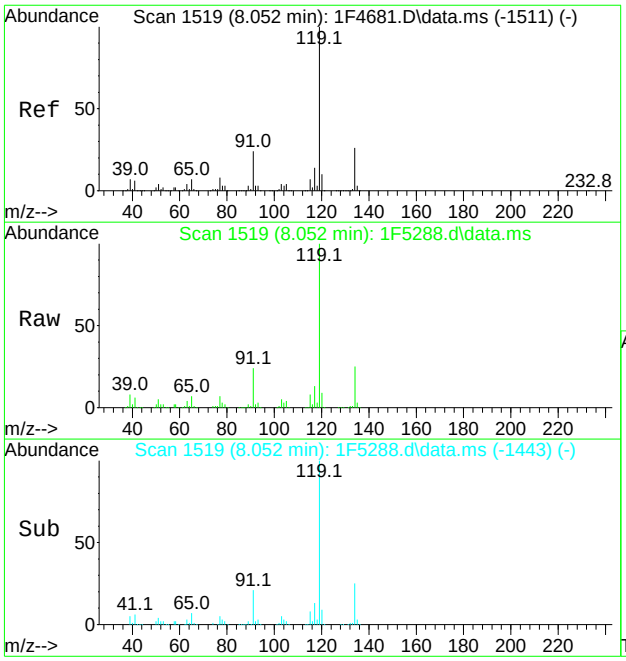


#108
1,3-dichlorobenzene
Concen: 18.6553 ug/L
RT: 8.083 min Scan# 1525
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:146 Resp: 121696

Ion	Ratio	Lower	Upper
146	100		
111	40.9	7.9	67.9
148	62.0	33.0	93.0

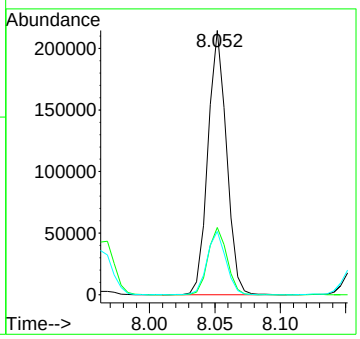


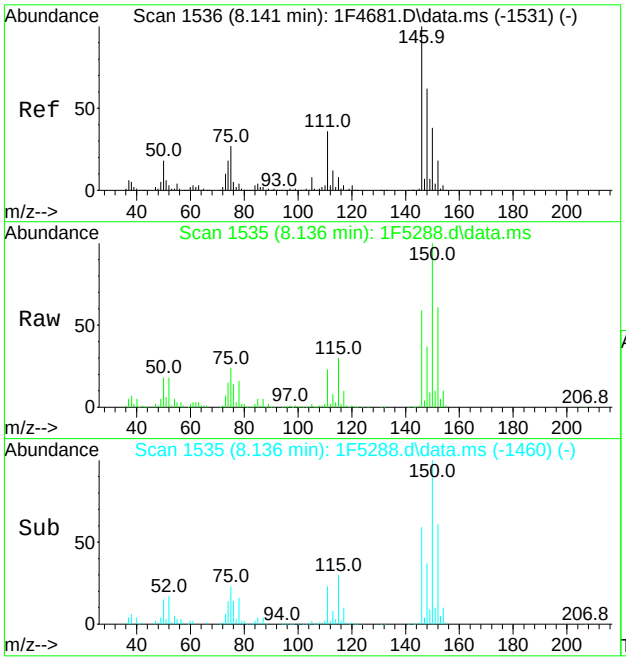


#109
p-isopropyltoluene
Concen: 18.7096 ug/L
RT: 8.052 min Scan# 1519
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:119 Resp: 211279

Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	56.3
91	23.9	0.0	54.0

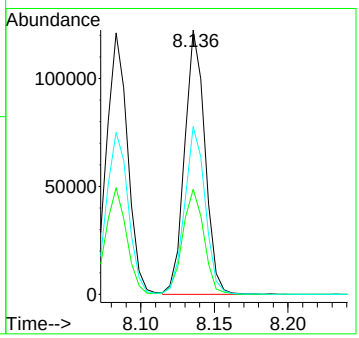


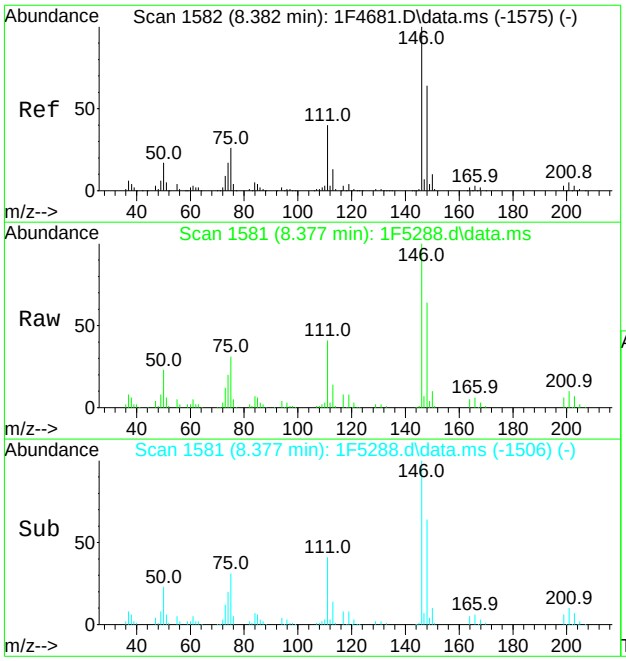


#110
1,4-dichlorobenzene
Concen: 18.0432 ug/L
RT: 8.136 min Scan# 1535
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:146 Resp: 117924

Ion	Ratio	Lower	Upper
146	100		
111	39.8	6.4	66.4
148	63.3	32.0	92.0

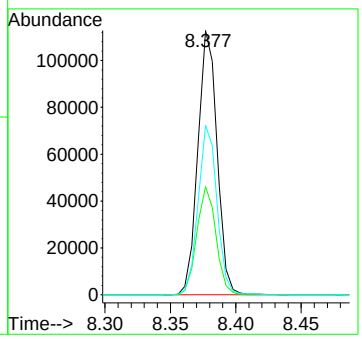


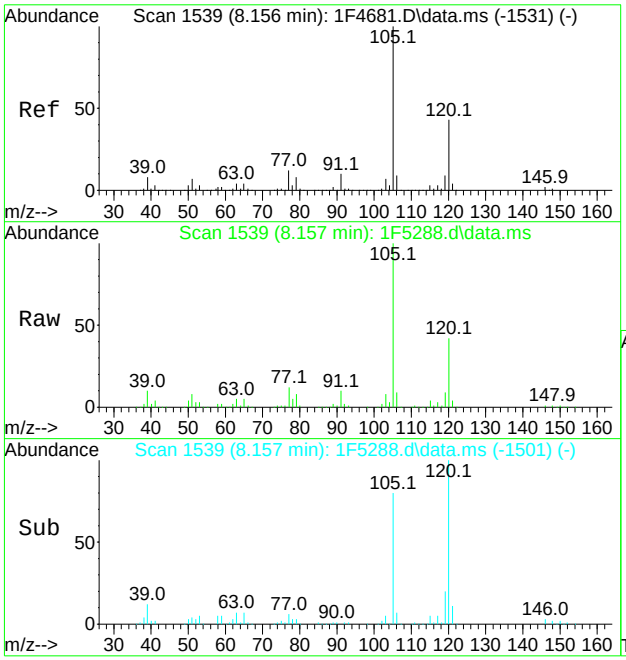


#111
1,2-dichlorobenzene
Concen: 18.0169 ug/L
RT: 8.377 min Scan# 1581
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:146 Resp: 115180

Ion	Ratio	Lower	Upper
146	100		
111	40.9	9.9	69.9
148	64.1	33.9	93.9

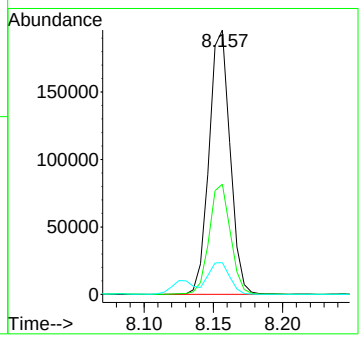


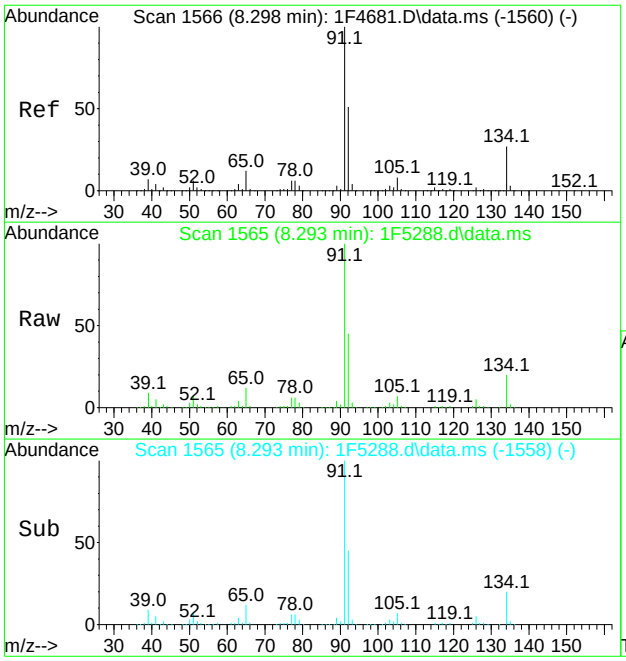


#112
1,2,3-trimethylbenzene
Concen: 17.7163 ug/L
RT: 8.157 min Scan# 1539
Delta R.T. 0.001 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:105 Resp: 205966

Ion	Ratio	Lower	Upper
105	100		
120	41.7	12.6	72.6
77	12.0	0.0	42.0

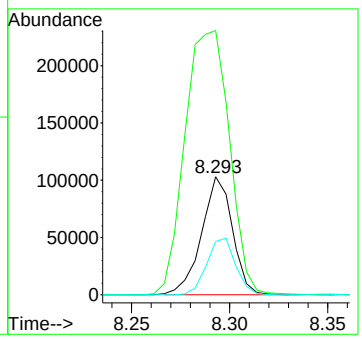


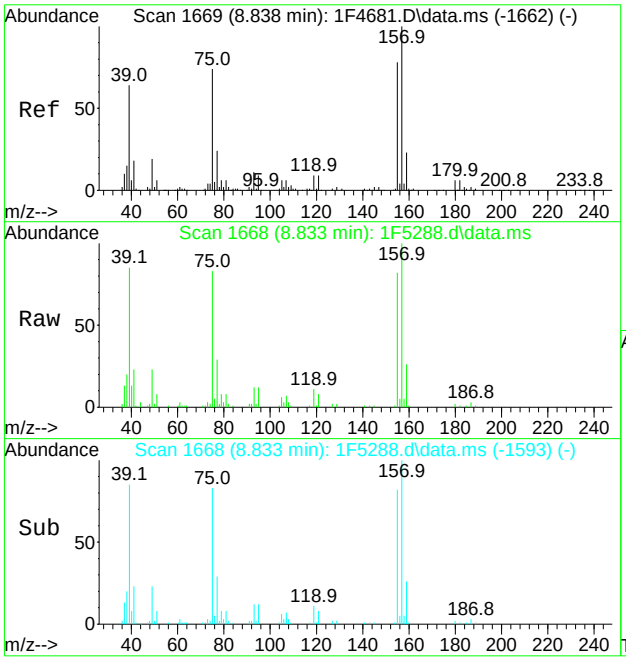


#113
n-butylbenzene
Concen: 19.3451 ug/L
RT: 8.293 min Scan# 1565
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion: 92 Resp: 112995

Ion	Ratio	Lower	Upper
92	100		
91	223.3	166.9	226.9
134	45.2	23.2	83.2

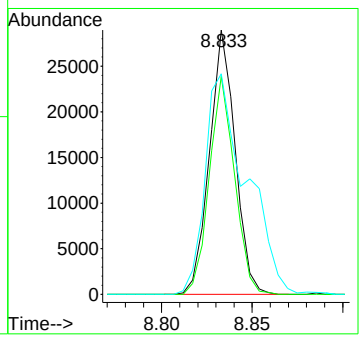


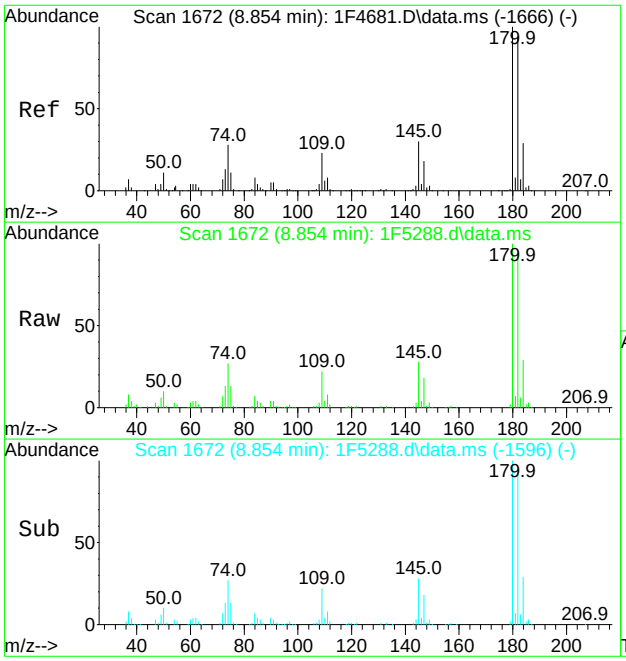


#114
1,2-dibromo-3-chloropropane
Concen: 18.1756 ug/L
RT: 8.833 min Scan# 1668
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:157 Resp: 28436

Ion	Ratio	Lower	Upper
157	100		
155	82.5	47.9	107.9
75	83.5	43.7	103.7

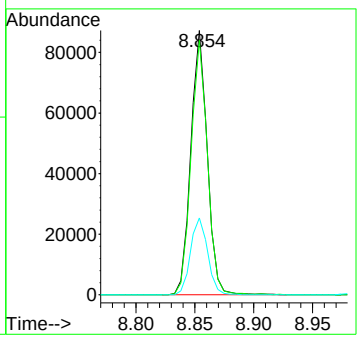


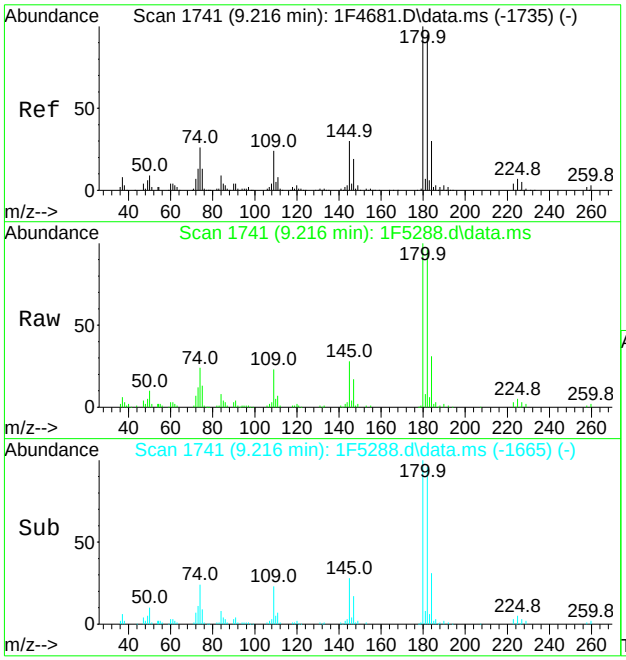


#115
1,3,5-trichlorobenzene
Concen: 18.4914 ug/L
RT: 8.854 min Scan# 1672
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:180 Resp: 84723

Ion	Ratio	Lower	Upper
180	100		
182	96.2	73.8	113.8
184	29.0	9.5	49.5

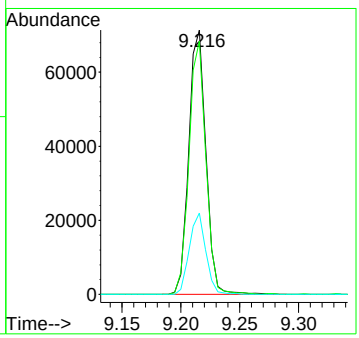


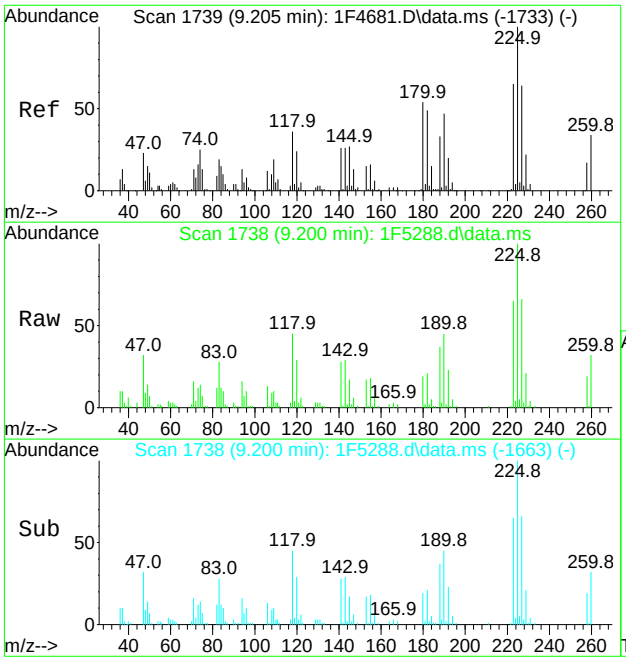


#116
1,2,4-trichlorobenzene
Concen: 17.9122 ug/L
RT: 9.216 min Scan# 1741
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:180 Resp: 72314

Ion	Ratio	Lower	Upper
180	100		
182	95.8	65.0	125.0
184	30.7	0.0	60.0

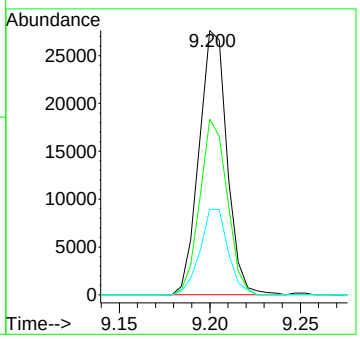


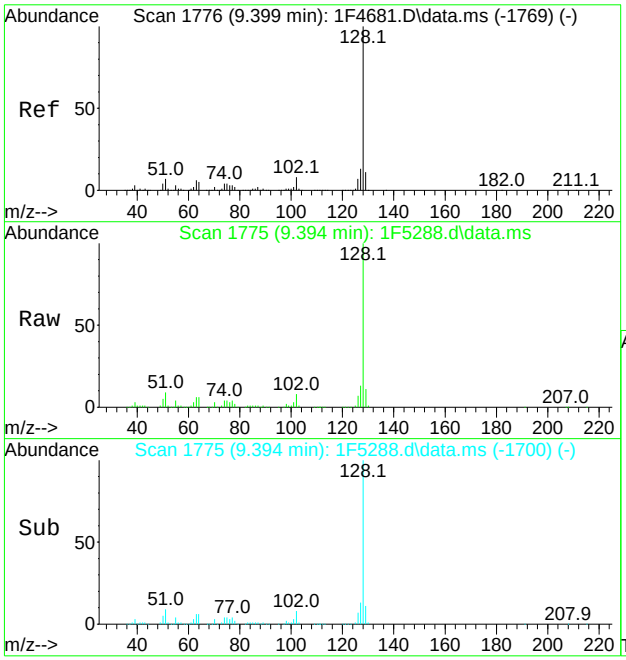


#117
hexachlorobutadiene
Concen: 19.6520 ug/L
RT: 9.200 min Scan# 1738
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:225 Resp: 29652

Ion	Ratio	Lower	Upper
225	100		
227	66.4	33.6	93.6
260	32.3	3.6	63.6

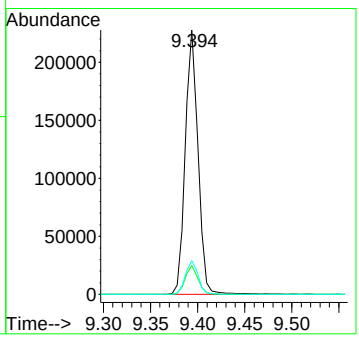


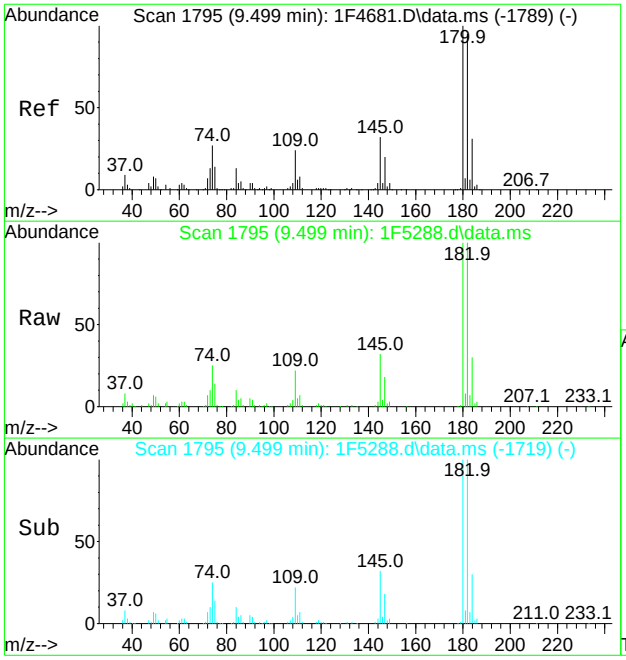


#118
naphthalene
Concen: 16.8617 ug/L
RT: 9.394 min Scan# 1775
Delta R.T. -0.005 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:128 Resp: 215124

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.7
127	12.8	0.0	43.1

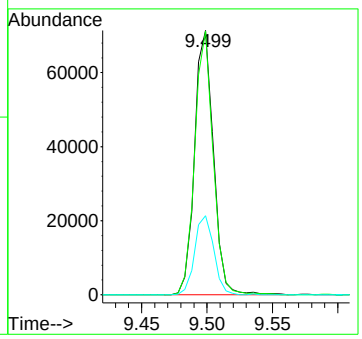


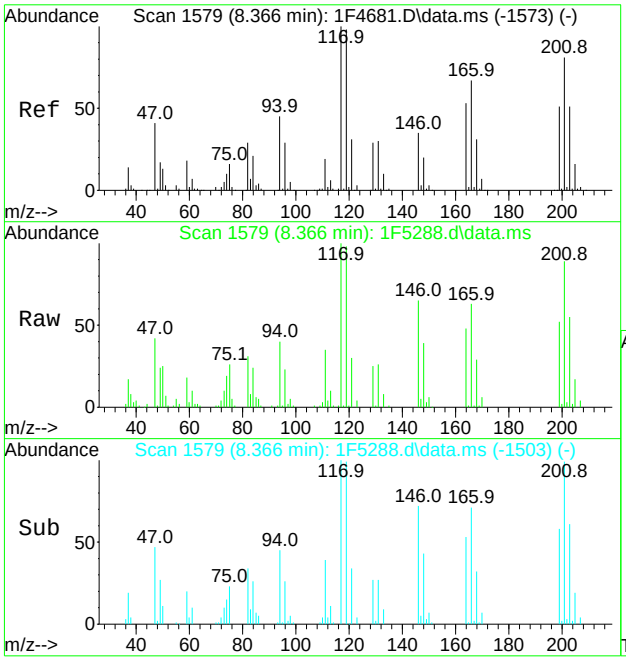


#119
1,2,3-trichlorobenzene
Concen: 18.6940 ug/L
RT: 9.499 min Scan# 1795
Delta R.T. -0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:180 Resp: 71704

Ion	Ratio	Lower	Upper
180	100		
182	99.7	65.1	125.1
184	29.9	1.2	61.2

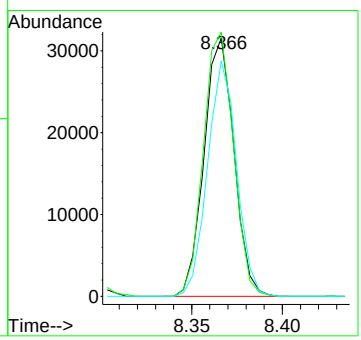


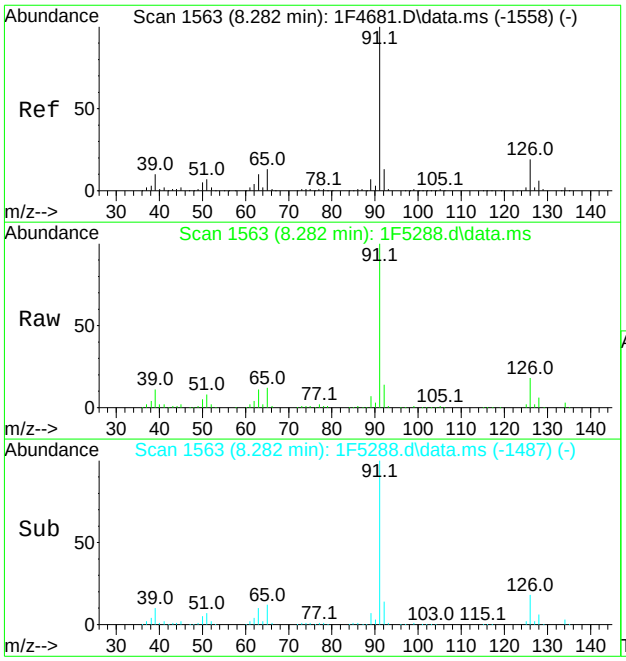


#120
hexachloroethane
Concen: 21.4161 ug/L
RT: 8.366 min Scan# 1579
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:119 Resp: 36254

Ion	Ratio	Lower	Upper
119	100		
117	102.4	72.4	132.4
201	91.1	52.5	112.5

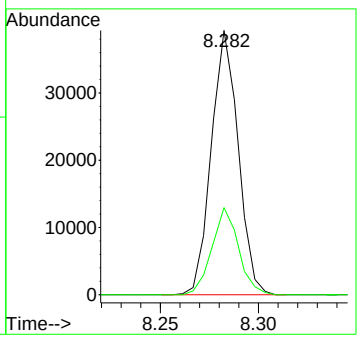


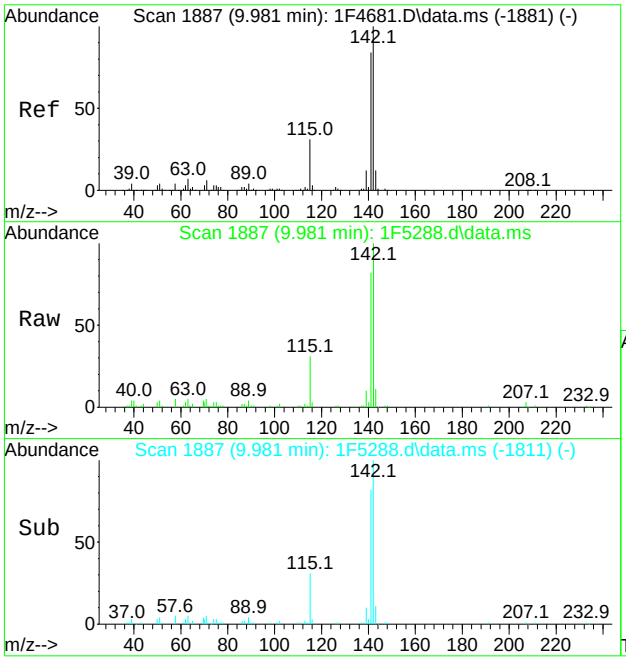


#121
benzyl chloride
Concen: 23.3269 ug/L
RT: 8.282 min Scan# 1563
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:126 Resp: 37433

Ion	Ratio	Lower	Upper
126	100		
128	33.0	0.7	60.7

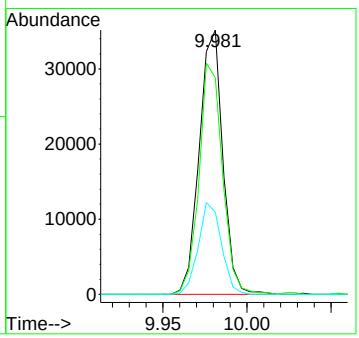




#122
2-methylnaphthalene
Concen: 6.7283 ug/L
RT: 9.981 min Scan# 1887
Delta R.T. 0.000 min
Lab File: 1F5288.d
Acq: 19 May 2023 10:28 am

Tgt Ion:142 Resp: 34237

Ion	Ratio	Lower	Upper
142	100		
141	81.9	54.1	114.1
115	31.0	0.6	60.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5290.d
Acq On : 19 May 2023 11:12 am
Operator : nickw
Sample : cc156-1 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 22 12:30:54 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

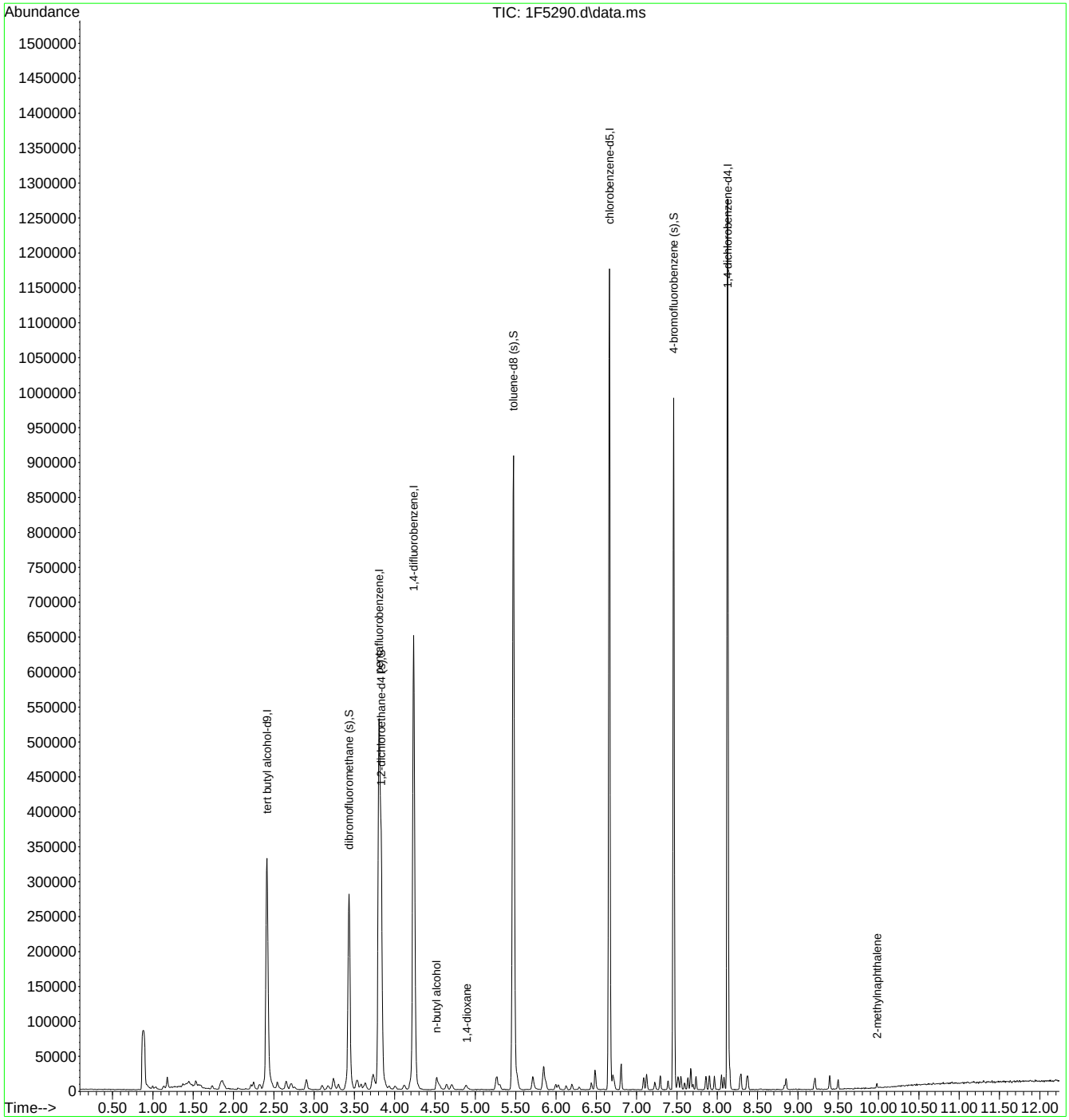
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.416	65	307623	500.00	ug/L	-0.02
5) pentafluorobenzene	3.805	168	340202	50.00	ug/L	0.00
50) 1,4-difluorobenzene	4.235	114	475884	50.00	ug/L	0.00
72) chlorobenzene-d5	6.662	117	423568	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	8.130	152	208054	50.00	ug/L	0.00
System Monitoring Compounds						
42) dibromofluoromethane (s)	3.433	113	149234	49.55	ug/L	0.00
Spiked Amount 50.000	Range 75 - 127		Recovery = 99.10%			
51) 1,2-dichloroethane-d4 (s)	3.831	65	185142	54.91	ug/L	0.00
Spiked Amount 50.000	Range 75 - 130		Recovery = 109.82%			
73) toluene-d8 (s)	5.472	98	538625	49.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.14%			
96) 4-bromofluorobenzene (s)	7.459	95	203735	51.36	ug/L	0.00
Spiked Amount 50.000	Range 79 - 127		Recovery = 102.72%			
Target Compounds						Qvalue
4) 1,4-dioxane	4.895	88	1393	20.7993	ug/L	89
58) n-butyl alcohol	4.518	56	8735	37.3271	ug/L	97
122) 2-methylnaphthalene	9.981	142	2204	0.4835	ug/L	80

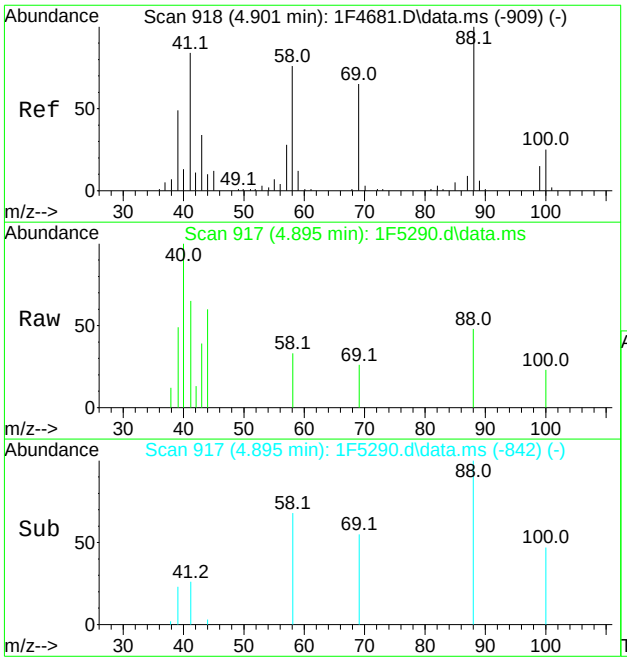
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\antonettec\2023\May\05-22-2023\V1F178\
Data File : 1F5290.d
Acq On : 19 May 2023 11:12 am
Operator : nickw
Sample : cc156-1 Inst : GCMS-F
Misc : MS69457,V1F178,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 22 12:30:54 2023
Quant Method : C:\msdchem\1\methods\M1F156.M
Quant Title : SW-846 Method 8260d, column DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Tue May 02 08:42:01 2023
Response via : Initial Calibration

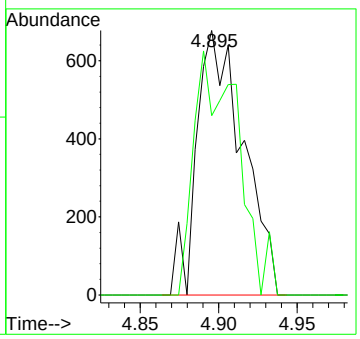


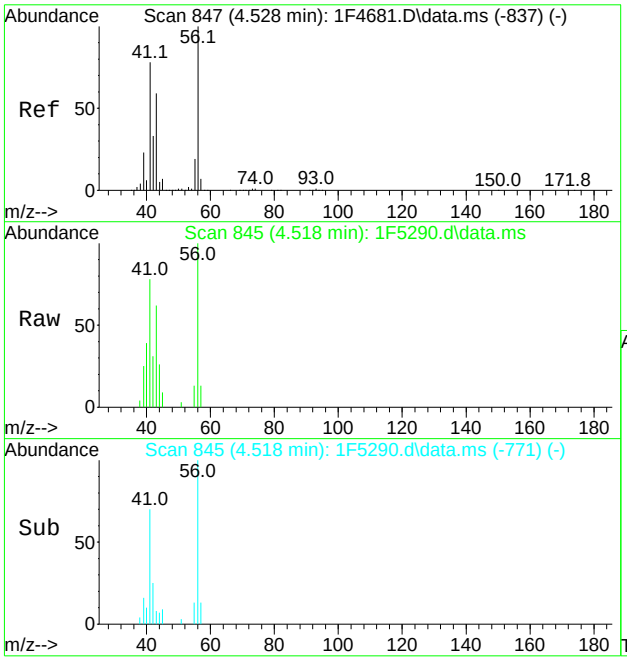


#4
1,4-dioxane
Concen: 20.7993 ug/L
RT: 4.895 min Scan# 917
Delta R.T. -0.006 min
Lab File: 1F5290.d
Acq: 19 May 2023 11:12 am

Tgt Ion: 88 Resp: 1393

Ion	Ratio	Lower	Upper
88	100		
58	67.7	56.9	96.9

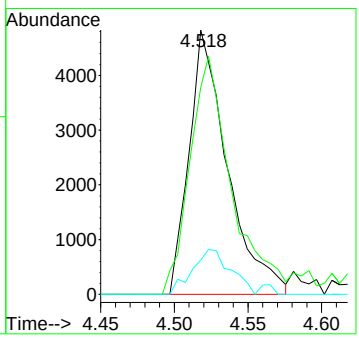


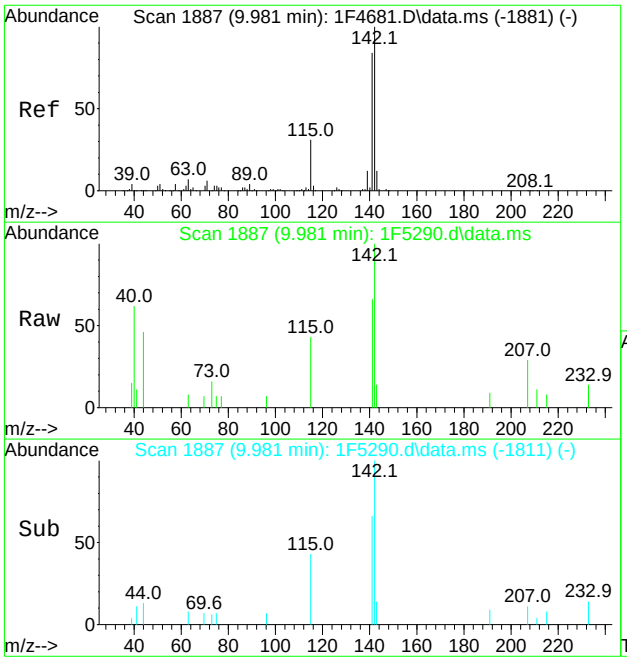


#58
n-butyl alcohol
Concen: 37.3271 ug/L
RT: 4.518 min Scan# 845
Delta R.T. -0.010 min
Lab File: 1F5290.d
Acq: 19 May 2023 11:12 am

Tgt Ion: 56 Resp: 8735

Ion	Ratio	Lower	Upper
56	100		
41	78.3	58.4	98.4
55	12.9	0.0	38.7

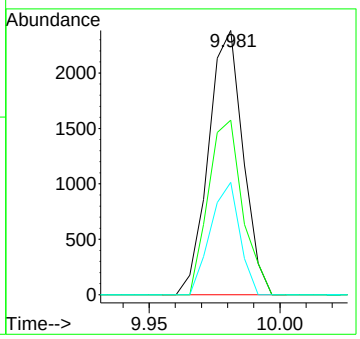




#122
2-methylnaphthalene
Concen: 0.4835 ug/L
RT: 9.981 min Scan# 1887
Delta R.T. 0.000 min
Lab File: 1F5290.d
Acq: 19 May 2023 11:12 am

Tgt Ion:142 Resp: 2204

Ion	Ratio	Lower	Upper
142	100		
141	66.0	54.1	114.1
115	42.6	0.6	60.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03333.D
Acq On : 9 May 2023 11:02 pm
Operator : PrashanS
Sample : IC0111-0.2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 12:00:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:54:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.479	65	470819	500.00	ug/L		0.00
5) pentafluorobenzene	5.024	168	595511	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	858694	50.00	ug/L		0.00
73) chlorobenzene-d5	7.810	117	816519	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	380100	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.012	113	262459	52.32	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.64%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	319331	53.34	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 106.68%				
74) toluene-d8 (s)	6.788	98	1051885	48.58	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.16%				
98) 4-bromofluorobenzene (s)	8.559	174	323068	51.37	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.74%				
Target Compounds							Qvalue
2) ethanol	2.688	45	2491	26.07	ug/L		77
6) chlorodifluoromethane	1.666	51	1173	0.22	ug/L		88
7) dichlorodifluoromethane	1.648	85	956	0.23	ug/L		91
9) vinyl chloride	1.909	62	984	0.23	ug/L		92
13) trichlorofluoromethane	2.542	101	885	0.17	ug/L		89
14) ethyl ether	2.791	74	403	0.20	ug/L	#	42
16) freon 113	3.047	151	461	0.18	ug/L	#	69
17) 1,1-dichloroethene	3.035	96	410	0.16	ug/L	#	70
21) carbon disulfide	3.254	76	2008	0.23	ug/L		80
22) methylene chloride	3.497	84	666	0.21	ug/L		83
24) methyl tert butyl ether	3.728	73	2260	0.19	ug/L		91
25) trans-1,2-dichloroethene	3.734	96	682	0.22	ug/L	#	71
26) hexane	3.978	56	768	0.22	ug/L	#	65
27) di-isopropyl ether	4.136	45	2788	0.18	ug/L		90
29) 1,1-dichloroethane	4.124	63	1485	0.23	ug/L		86
33) ethyl tert-butyl ether	4.440	59	2242	0.17	ug/L		83
35) 2,2-dichloropropane	4.610	77	914	0.18	ug/L		87
36) cis-1,2-dichloroethene	4.598	96	740	0.21	ug/L	#	65
37) propionitrile	4.641	54	2348	1.95	ug/L		90
48) 1,1-dichloropropene	5.152	75	887	0.18	ug/L		80
49) carbon tetrachloride	5.158	117	1022	0.22	ug/L	#	66
55) 2,2,4-trimethylpentane	5.407	57	2296	0.18	ug/L		88
56) benzene	5.316	78	2925	0.21	ug/L	#	1
57) tert-amyl methyl ether	5.401	73	2225	0.20	ug/L		99
58) heptane	5.541	57	511	0.18	ug/L		82
61) trichloroethene	5.845	95	745	0.20	ug/L	#	73
62) 2-chloroethyl vinyl ether	6.454	63	2537	0.85	ug/L		89
64) methylcyclohexane	6.034	83	1187	0.19	ug/L		94
65) 1,2-dichloropropane	6.052	63	856	0.21	ug/L		83
67) bromodichloromethane	6.253	83	929	0.19	ug/L		85
70) cis-1,3-dichloropropene	6.581	75	1168	0.19	ug/L		67
71) 4-methyl-2-pentanone	6.685	58	1976	0.71	ug/L	#	74
75) toluene	6.843	92	1942	0.21	ug/L	#	83
76) ethyl methacrylate	7.019	69	973	0.17	ug/L		89
77) trans-1,3-dichloropropene	7.001	75	994	0.16	ug/L		78
79) tetrachloroethene	7.208	164	658	0.20	ug/L	#	72
80) 2-hexanone	7.275	58	2206	0.70	ug/L	#	85
81) 1,3-dichloropropane	7.257	76	1242	0.21	ug/L		85
82) butyl acetate	7.348	56	801	0.18	ug/L		98
83) dibromochloromethane	7.415	129	920	0.24	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03333.D
Acq On : 9 May 2023 11:02 pm
Operator : PrashanS
Sample : IC0111-0.2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 12:00:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:54:44 2023
Response via : Initial Calibration

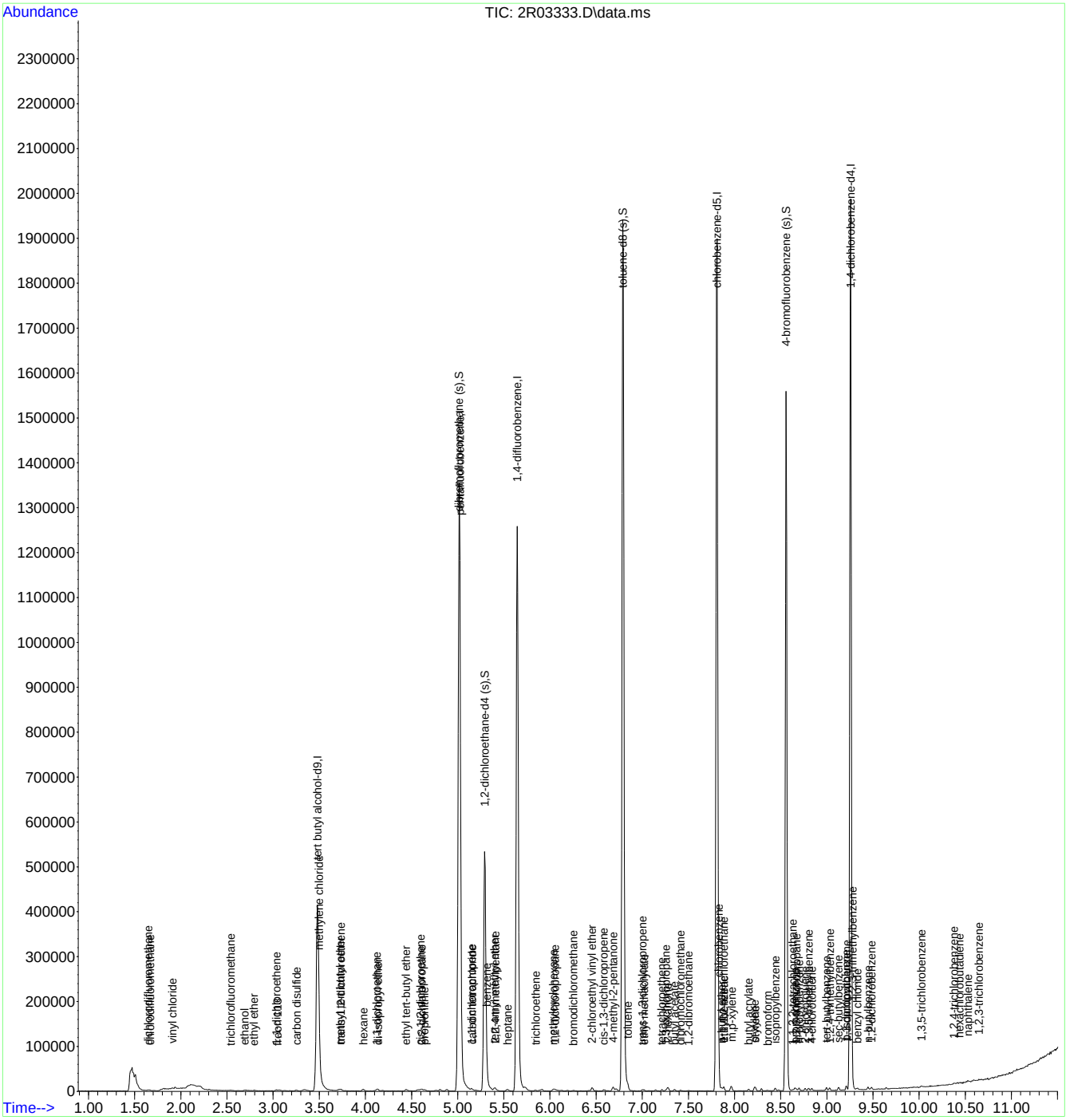
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
84)	1,2-dibromoethane	7.500	107	725	0.19	ug/L		82
85)	n-butyl ether	7.859	57	3453	0.18	ug/L		89
86)	chlorobenzene	7.829	112	2268	0.22	ug/L	#	70
87)	1,1,1,2-tetrachloroethane	7.883	131	756	0.21	ug/L		84
88)	ethylbenzene	7.883	91	3393	0.19	ug/L		89
89)	m,p-xylene	7.968	106	2602	0.38	ug/L	#	78
90)	o-xylene	8.218	91	2779	0.19	ug/L		92
91)	styrene	8.224	104	1991	0.17	ug/L		86
92)	butyl acrylate	8.151	55	1705	0.16	ug/L		87
94)	isopropylbenzene	8.443	105	3132	0.18	ug/L		97
95)	bromoform	8.358	173	676	0.24	ug/L		85
99)	1,1,2,2-tetrachloroethane	8.632	83	946	0.17	ug/L		88
101)	1,2,3-trichloropropane	8.668	110	310	0.19	ug/L		95
102)	bromobenzene	8.656	156	930	0.22	ug/L	#	86
103)	n-propylbenzene	8.699	91	4223	0.20	ug/L		94
104)	2-chlorotoluene	8.765	126	867	0.22	ug/L		88
105)	4-chlorotoluene	8.838	91	2387	0.20	ug/L		84
106)	1,3,5-trimethylbenzene	8.802	105	2383	0.17	ug/L		88
107)	tert-butylbenzene	8.997	119	2471	0.21	ug/L		98
108)	1,2,4-trimethylbenzene	9.033	105	2796	0.19	ug/L		92
109)	sec-butylbenzene	9.124	105	3487	0.20	ug/L		94
110)	p-isopropyltoluene	9.210	119	2406	0.16	ug/L		87
111)	1,2,3-trimethylbenzene	9.276	105	3097	0.22	ug/L	#	73
112)	1,3-dichlorobenzene	9.216	146	1741	0.22	ug/L		95
114)	1,2-dichlorobenzene	9.483	146	1539	0.20	ug/L		91
115)	benzyl chloride	9.331	91	1848	0.17	ug/L		91
116)	n-butylbenzene	9.447	92	1272	0.18	ug/L		86
119)	1,3,5-trichlorobenzene	10.025	180	919	0.18	ug/L		79
120)	1,2,4-trichlorobenzene	10.378	180	650	0.16	ug/L	#	60
121)	hexachlorobutadiene	10.438	225	341	0.20	ug/L	#	53
122)	naphthalene	10.530	128	1605	0.15	ug/L		75
123)	1,2,3-trichlorobenzene	10.645	180	610	0.21	ug/L		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03333.D
Acq On : 9 May 2023 11:02 pm
Operator : PrashanS
Sample : IC0111-0.2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 12:00:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:54:44 2023
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/12/23 11:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 12:12:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:01:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.479	65	364869	500.00	ug/L		0.00
5) pentafluorobenzene	5.024	168	604822	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	875087	50.00	ug/L		0.00
73) chlorobenzene-d5	7.811	117	820290	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	372312	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.012	113	261258	50.11	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	319720	50.71	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 101.42%				
74) toluene-d8 (s)	6.795	98	1054096	49.16	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.32%				
98) 4-bromofluorobenzene (s)	8.559	174	321690	51.51	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.02%				
Target Compounds							Qvalue
2) ethanol	2.682	45	3938	46.17	ug/L		96
6) chlorodifluoromethane	1.660	51	2887	0.51	ug/L		99
7) dichlorodifluoromethane	1.642	85	2251	0.49	ug/L		97
8) chloromethane	1.806	50	3119	0.60	ug/L		88
9) vinyl chloride	1.903	62	2201	0.47	ug/L		83
10) 1,3-butadiene	1.934	54	1961	0.49	ug/L	#	76
12) chloroethane	2.299	64	1181	0.47	ug/L		82
13) trichlorofluoromethane	2.542	101	2402	0.50	ug/L		95
14) ethyl ether	2.798	74	843	0.41	ug/L		98
16) freon 113	3.035	151	1445	0.58	ug/L	#	72
17) 1,1-dichloroethene	3.035	96	1276	0.55	ug/L	#	70
18) acetone	3.059	58	1203	1.87	ug/L	#	70
19) acetonitrile	3.333	41	6317	5.45	ug/L		90
20) iodomethane	3.175	142	1897	0.40	ug/L		89
21) carbon disulfide	3.254	76	5600	0.59	ug/L		92
22) methylene chloride	3.491	84	1776	0.53	ug/L	#	60
24) methyl tert butyl ether	3.716	73	5907	0.51	ug/L		88
25) trans-1,2-dichloroethene	3.735	96	1840	0.56	ug/L	#	75
26) hexane	3.978	56	1754	0.47	ug/L		95
27) di-isopropyl ether	4.130	45	7573	0.51	ug/L		87
29) 1,1-dichloroethane	4.124	63	3602	0.51	ug/L		89
30) chloroprene	4.185	53	3094	0.44	ug/L		93
31) acrylonitrile	3.692	53	1145	0.41	ug/L		84
33) ethyl tert-butyl ether	4.440	59	5943	0.48	ug/L		94
35) 2,2-dichloropropane	4.611	77	2566	0.53	ug/L		81
36) cis-1,2-dichloroethene	4.604	96	1676	0.45	ug/L		95
37) propionitrile	4.635	54	5698	4.71	ug/L		69
39) methacrylonitrile	4.769	67	973	0.41	ug/L		91
40) bromochloromethane	4.811	128	862	0.50	ug/L		83
42) chloroform	4.878	83	4469	0.70	ug/L		91
45) 1,1,1-trichloroethane	5.024	97	2709	0.50	ug/L	#	1
46) cyclohexane	5.085	84	2595	0.53	ug/L	#	71
48) 1,1-dichloropropene	5.152	75	2291	0.49	ug/L		94
49) carbon tetrachloride	5.152	117	2521	0.51	ug/L		96
55) 2,2,4-trimethylpentane	5.401	57	6065	0.49	ug/L		97
56) benzene	5.316	78	7390	0.50	ug/L	#	1
57) tert-amyl methyl ether	5.401	73	5195	0.46	ug/L		98
58) heptane	5.535	57	1545	0.56	ug/L		95
59) 1,2-dichloroethane	5.359	62	3848	0.70	ug/L		76
61) trichloroethene	5.846	95	1695	0.44	ug/L		74

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 12:12:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:01:00 2023
Response via : Initial Calibration

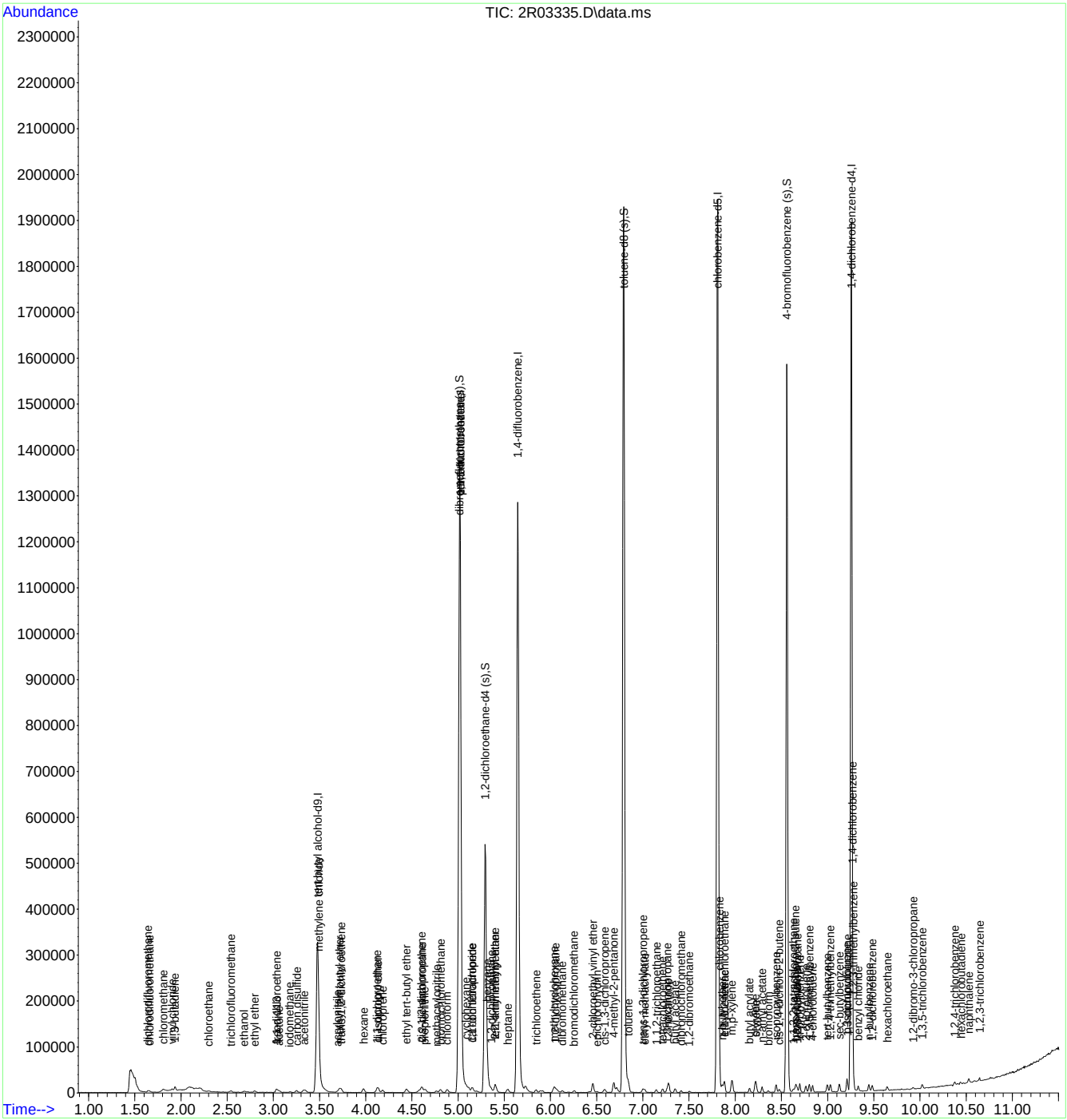
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 2-chloroethyl vinyl ether	6.460	63	6942	2.46	ug/L		97
64) methylcyclohexane	6.040	83	3182	0.51	ug/L		82
65) 1,2-dichloropropane	6.052	63	2247	0.53	ug/L		83
66) dibromomethane	6.125	93	1504	0.66	ug/L		83
67) bromodichloromethane	6.253	83	2625	0.54	ug/L		87
69) epichlorohydrin	6.503	57	2040	2.33	ug/L		86
70) cis-1,3-dichloropropene	6.588	75	3177	0.52	ug/L		98
71) 4-methyl-2-pentanone	6.685	58	4484	1.67	ug/L	#	77
75) toluene	6.843	92	4672	0.49	ug/L		96
76) ethyl methacrylate	7.020	69	2575	0.49	ug/L		98
77) trans-1,3-dichloropropene	7.001	75	2912	0.52	ug/L		86
78) 1,1,2-trichloroethane	7.147	83	1485	0.48	ug/L	#	87
79) tetrachloroethene	7.214	164	1654	0.50	ug/L		90
80) 2-hexanone	7.275	58	5518	1.86	ug/L		94
81) 1,3-dichloropropane	7.263	76	3107	0.50	ug/L		96
82) butyl acetate	7.348	56	1871	0.45	ug/L	#	79
83) dibromochloromethane	7.415	129	1776	0.42	ug/L		95
84) 1,2-dibromoethane	7.500	107	1920	0.51	ug/L		99
85) n-butyl ether	7.859	57	9376	0.51	ug/L		98
86) chlorobenzene	7.829	112	5319	0.49	ug/L		99
87) 1,1,1,2-tetrachloroethane	7.883	131	1689	0.46	ug/L		90
88) ethylbenzene	7.883	91	9205	0.52	ug/L		91
89) m,p-xylene	7.963	106	6662	0.99	ug/L		88
90) o-xylene	8.218	91	7056	0.49	ug/L		92
91) styrene	8.224	104	5034	0.46	ug/L		94
92) butyl acrylate	8.151	55	4453	0.46	ug/L		89
93) n-amyl acetate	8.291	70	1533	0.43	ug/L		97
94) isopropylbenzene	8.443	105	8434	0.51	ug/L		94
95) bromoform	8.358	173	1191	0.38	ug/L		98
96) cis-1,4-dichloro-2-butene	8.474	88	1143	0.46	ug/L		95
99) 1,1,2,2-tetrachloroethane	8.632	83	2471	0.50	ug/L	#	65
100) trans-1,4-dichloro-2-b...	8.650	53	1254	0.58	ug/L	#	74
101) 1,2,3-trichloropropane	8.674	110	771	0.50	ug/L	#	63
102) bromobenzene	8.662	156	2130	0.49	ug/L	#	82
103) n-propylbenzene	8.699	91	10400	0.51	ug/L		97
104) 2-chlorotoluene	8.766	126	1799m	0.45	ug/L		
105) 4-chlorotoluene	8.839	91	6005	0.51	ug/L		95
106) 1,3,5-trimethylbenzene	8.802	105	6980	0.54	ug/L		90
107) tert-butylbenzene	8.997	119	5702	0.48	ug/L		96
108) 1,2,4-trimethylbenzene	9.027	105	6519	0.47	ug/L		99
109) sec-butylbenzene	9.131	105	8805	0.52	ug/L		94
110) p-isopropyltoluene	9.210	119	6579	0.50	ug/L		96
111) 1,2,3-trimethylbenzene	9.277	105	7080	0.49	ug/L		92
112) 1,3-dichlorobenzene	9.216	146	3762	0.46	ug/L		92
113) 1,4-dichlorobenzene	9.271	146	3887m	0.51	ug/L		
114) 1,2-dichlorobenzene	9.483	146	3535	0.47	ug/L		86
115) benzyl chloride	9.331	91	4981	0.50	ug/L		99
116) n-butylbenzene	9.447	92	2827	0.42	ug/L		82
117) hexachloroethane	9.648	201	769	0.41	ug/L		87
118) 1,2-dibromo-3-chloropr...	9.928	157	628	0.44	ug/L		94
119) 1,3,5-trichlorobenzene	10.025	180	2361	0.49	ug/L		97
120) 1,2,4-trichlorobenzene	10.378	180	1780	0.50	ug/L		81
121) hexachlorobutadiene	10.445	225	922	0.55	ug/L		75
122) naphthalene	10.530	128	4458	0.48	ug/L		97
123) 1,2,3-trichlorobenzene	10.645	180	1313	0.46	ug/L		88

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 12:12:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:01:00 2023
Response via : Initial Calibration



Manual Integration Approval Summary

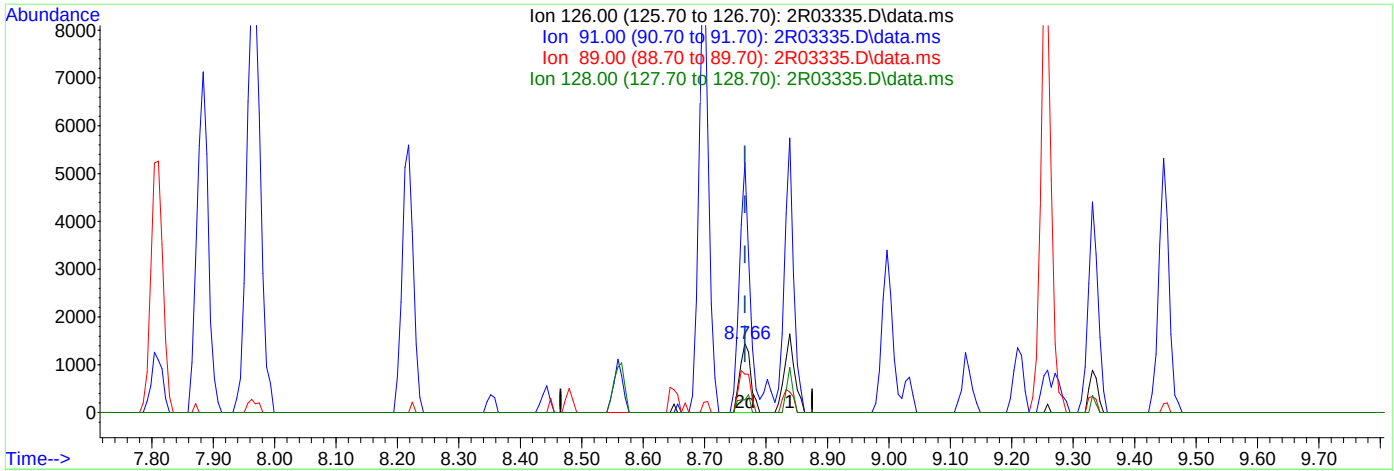
Sample Number: V2R111-IC0111
Lab FileID: 2R03335.D
Injection Time: 05/09/23 23:39
Method: SW846 8260D
Analyst approved: 05/11/23 19:55 MoHui Huang
Supervisor approved: 05/12/23 11:03 Kanya Veerawat

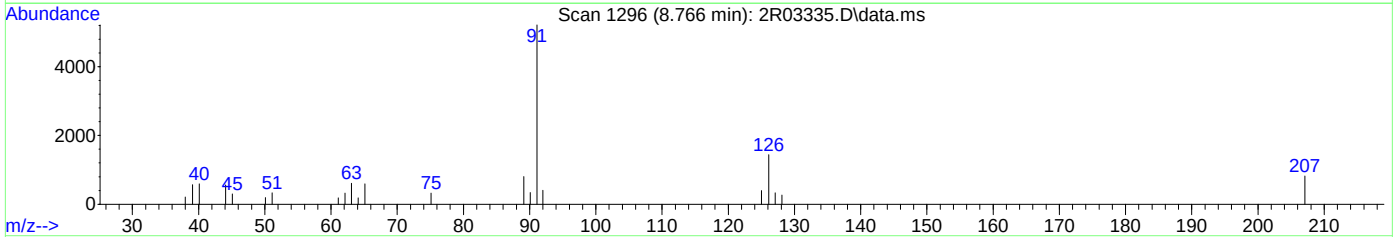
Parameter	CAS	Sig#	R.T. (min.)	Reason
o-Chlorotoluene	95-49-8		8.77	Missed peak
1,4-Dichlorobenzene	106-46-7		9.27	Missed peak

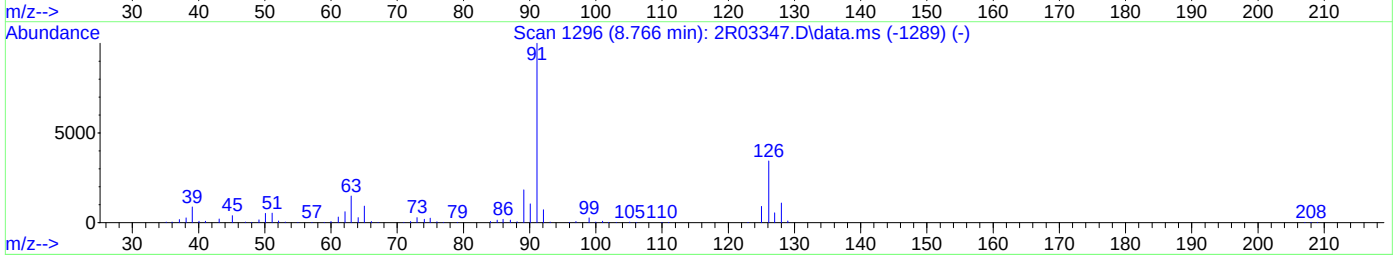
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 12:12:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:01:00 2023
Response via : Initial Calibration







TIC: 2R03335.D\data.ms

(104) 2-chlorotoluene

8.766min (+0.000) 0.45ug/L m

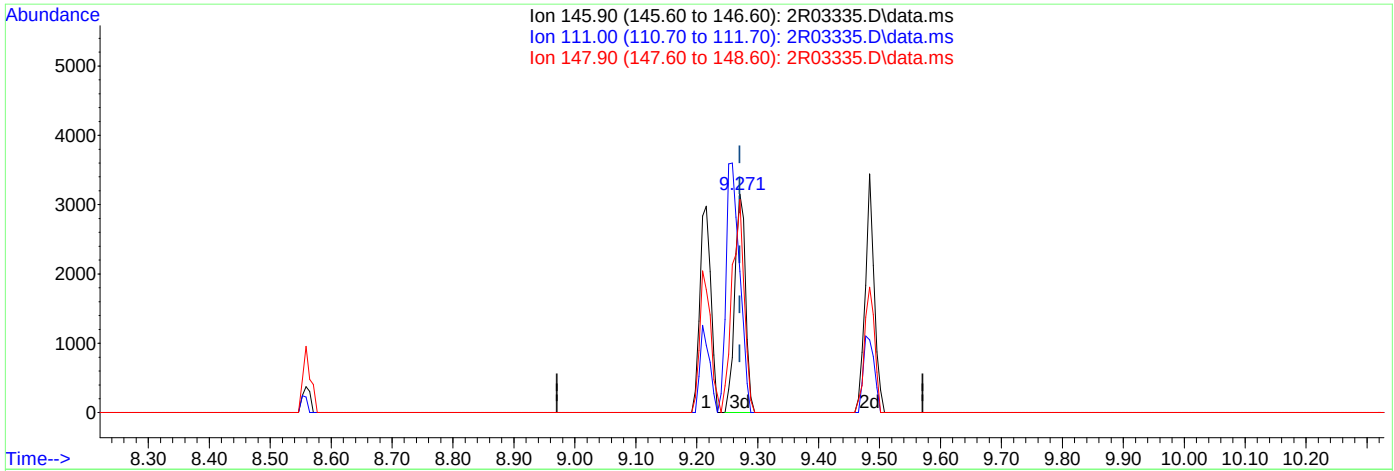
response 1799

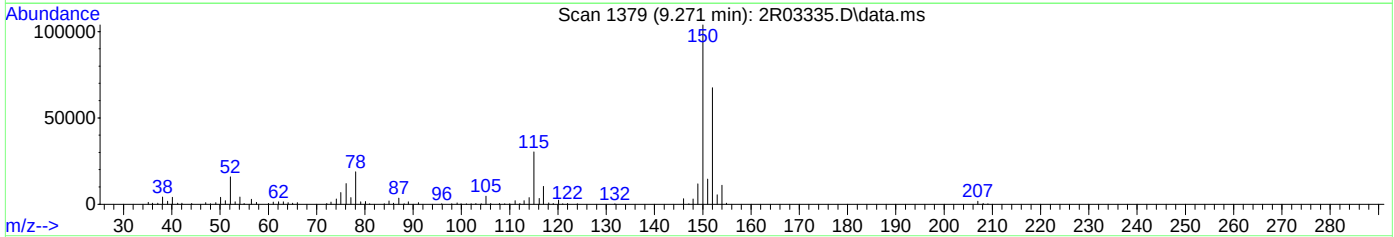
Ion	Exp%	Act%
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91.00	292.00	361.70#
89.00	53.00	55.68
128.00	31.50	18.42

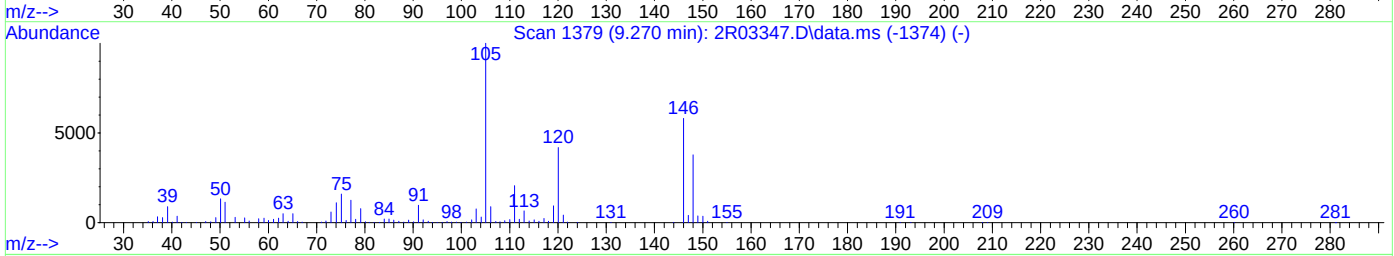
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 12:12:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:01:00 2023
Response via : Initial Calibration







TIC: 2R03335.D\data.ms

(113) 1,4-dichlorobenzene

9.271min (+0.000) 0.51ug/L m

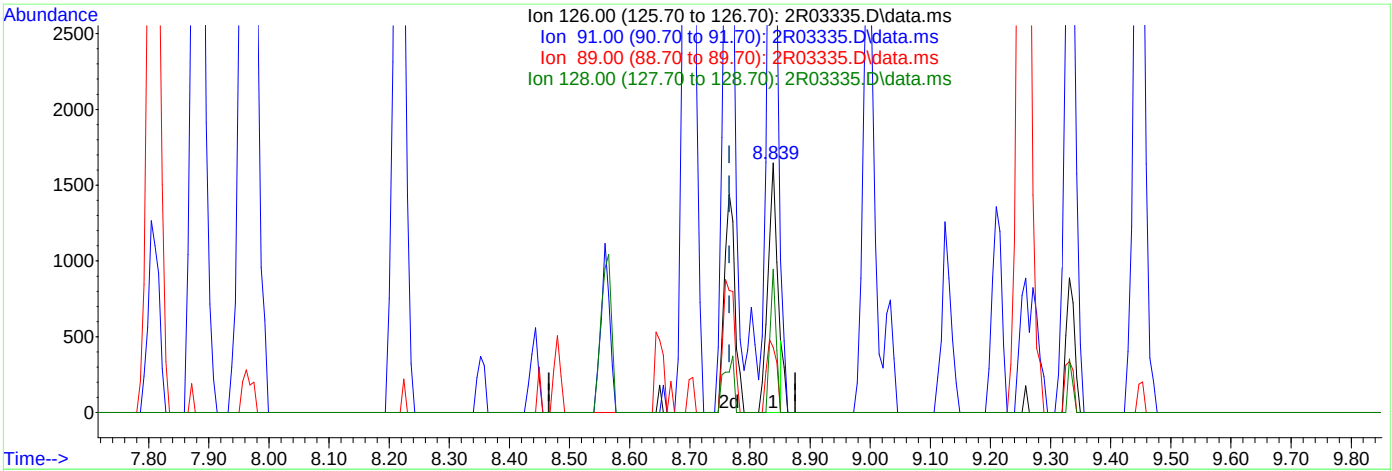
response 3887

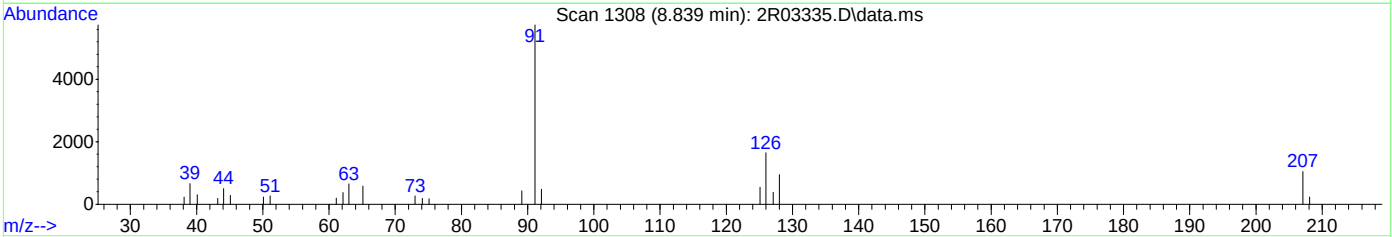
Ion	Exp%	Act%
145.90	100	100
111.00	35.60	64.68
147.90	64.80	97.52#
0.00	0.00	0.00

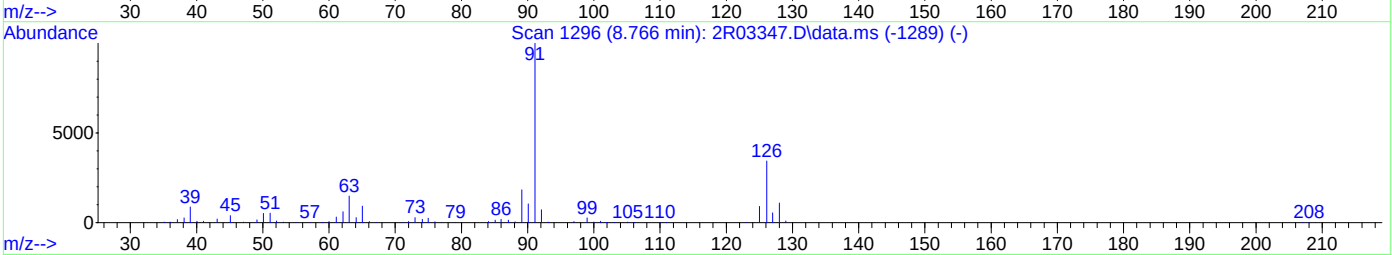
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 19:57:11 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:34:06 2023
Response via : Initial Calibration







TIC: 2R03335.D\data.ms

(104) 2-chlorotoluene

8.839min (+0.073) 0.47ug/L

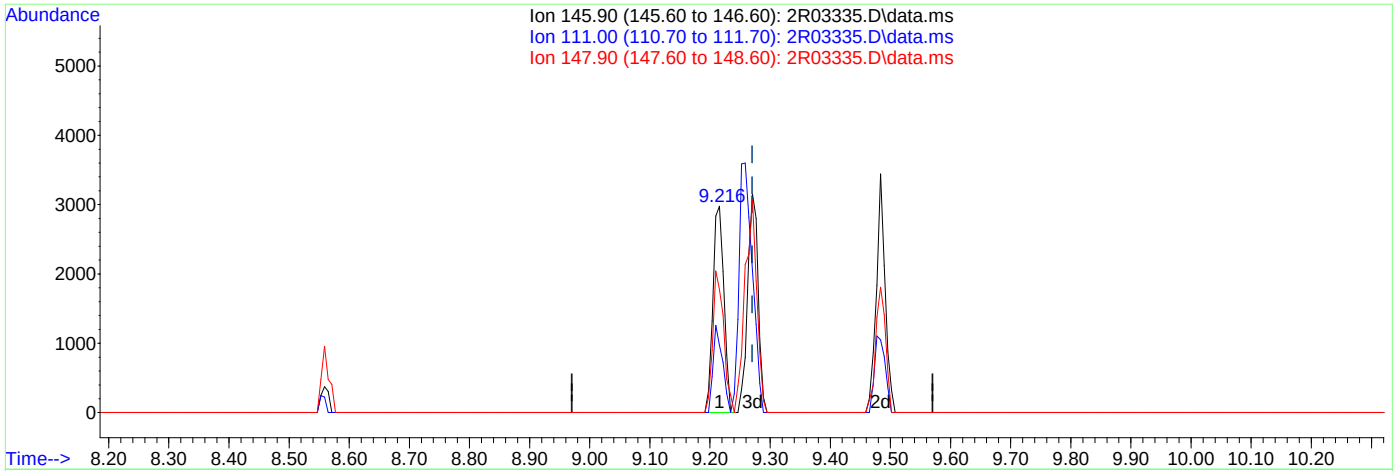
response 1829

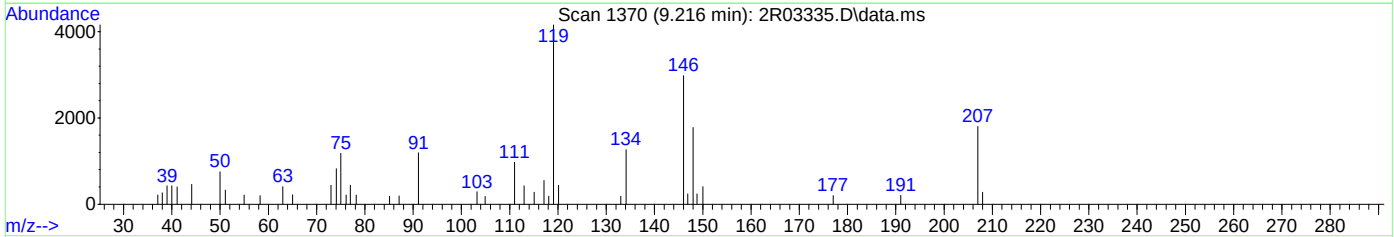
Ion	Exp%	Act%
126.00	100	100
91.00	292.00	321.49
89.00	53.00	26.11
128.00	31.50	57.38

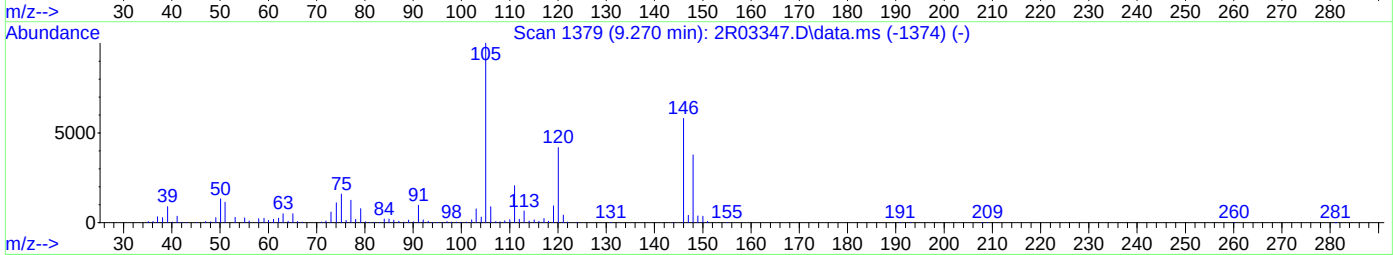
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03335.D
Acq On : 9 May 2023 11:39 pm
Operator : PrashanS
Sample : IC0111-0.5
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 19:57:11 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:34:06 2023
Response via : Initial Calibration







TIC: 2R03335.D\data.ms

(113) 1,4-dichlorobenzene

9.216min (-0.055) 0.48ug/L

response 3762

Ion	Exp%	Act%
145.90	100	100
111.00	35.60	32.67
147.90	64.80	59.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03337.D
Acq On : 10 May 2023 12:19 am
Operator : PrashanS
Sample : IC0111-1
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 11 12:14:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:12:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.479	65	444116	500.00	ug/L		0.00
5) pentafluorobenzene	5.024	168	608245	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	882311	50.00	ug/L		0.00
73) chlorobenzene-d5	7.810	117	822514	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	378724	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.012	113	266813	50.85	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.70%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	317589	49.72	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 99.44%				
74) toluene-d8 (s)	6.794	98	1082391	50.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%				
98) 4-bromofluorobenzene (s)	8.559	174	324135	50.52	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.04%				
Target Compounds							Qvalue
2) ethanol	2.688	45	11459	113.27	ug/L		97
3) tertiary butyl alcohol	3.558	59	7087	5.65	ug/L		92
4) 1,4-dioxane	6.101	88	1766	22.88	ug/L		90
6) chlorodifluoromethane	1.660	51	5749	1.01	ug/L		95
7) dichlorodifluoromethane	1.648	85	4633	1.01	ug/L		84
8) chloromethane	1.812	50	6332	1.10	ug/L		95
9) vinyl chloride	1.909	62	4632	1.00	ug/L		94
10) 1,3-butadiene	1.934	54	3742	0.94	ug/L		93
12) chloroethane	2.299	64	2789	1.14	ug/L		85
13) trichlorofluoromethane	2.536	101	5704	1.18	ug/L		90
14) ethyl ether	2.804	74	1939	0.99	ug/L	#	83
15) acrolein	2.943	56	774	0.86	ug/L		73
16) freon 113	3.041	151	2754	1.04	ug/L		86
17) 1,1-dichloroethene	3.041	96	2401	0.99	ug/L		81
18) acetone	3.059	58	2013	3.22	ug/L	#	84
19) acetonitrile	3.333	41	12486	10.25	ug/L		86
20) iodomethane	3.181	142	3319	0.77	ug/L		94
21) carbon disulfide	3.254	76	8996	0.89	ug/L		95
22) methylene chloride	3.497	84	3537	1.03	ug/L		83
23) methyl acetate	3.351	74	834	0.84	ug/L	#	43
24) methyl tert butyl ether	3.722	73	11082	0.94	ug/L		87
25) trans-1,2-dichloroethene	3.734	96	3127	0.91	ug/L		91
26) hexane	3.978	56	3230	0.88	ug/L		89
27) di-isopropyl ether	4.130	45	14384	0.96	ug/L		99
28) 2-butanone	4.580	72	2472	3.28	ug/L	#	76
29) 1,1-dichloroethane	4.124	63	6728	0.94	ug/L		95
30) chloroprene	4.185	53	5994	0.90	ug/L		90
31) acrylonitrile	3.692	53	2382	0.93	ug/L		90
33) ethyl tert-butyl ether	4.440	59	11932	0.97	ug/L		96
35) 2,2-dichloropropane	4.610	77	5168	1.04	ug/L		88
36) cis-1,2-dichloroethene	4.610	96	3636	1.01	ug/L		97
37) propionitrile	4.641	54	12188	10.22	ug/L		80
39) methacrylonitrile	4.769	67	1906	0.88	ug/L	#	78
40) bromochloromethane	4.805	128	1768	1.02	ug/L		93
41) tetrahydrofuran	4.811	42	3535	1.24	ug/L		84
42) chloroform	4.878	83	7569	0.98	ug/L		98
45) 1,1,1-trichloroethane	5.024	97	5304	0.97	ug/L	#	1
46) cyclohexane	5.085	84	5270	1.04	ug/L		77
47) isobutyl alcohol	5.200	43	4519	9.60	ug/L		95
48) 1,1-dichloropropene	5.152	75	4463	0.95	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03337.D
Acq On : 10 May 2023 12:19 am
Operator : PrashanS
Sample : IC0111-1
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 11 12:14:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:12:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) carbon tetrachloride	5.158	117	4483	0.90	ug/L		90
50) tert-amyl alcohol	5.292	73	2327	4.25	ug/L	#	79
51) isopropyl acetate	5.322	87	964	0.85	ug/L	#	48
54) n-butyl alcohol	5.730	56	13410	43.63	ug/L		92
55) 2,2,4-trimethylpentane	5.401	57	11895	0.96	ug/L		95
56) benzene	5.322	78	14421	0.97	ug/L	#	41
57) tert-amyl methyl ether	5.401	73	10278	0.92	ug/L		95
58) heptane	5.535	57	2688	0.93	ug/L		91
59) 1,2-dichloroethane	5.359	62	6474	0.97	ug/L		96
60) ethyl acrylate	5.888	55	6885	0.87	ug/L		99
61) trichloroethene	5.839	95	3468	0.94	ug/L		89
62) 2-chloroethyl vinyl ether	6.460	63	13931	4.93	ug/L		98
63) methyl methacrylate	6.077	100	1047	0.83	ug/L	#	63
64) methylcyclohexane	6.040	83	5983	0.94	ug/L		95
65) 1,2-dichloropropane	6.052	63	4138	0.95	ug/L		97
66) dibromomethane	6.125	93	2321	0.87	ug/L		94
67) bromodichloromethane	6.253	83	5169	1.03	ug/L		98
68) 2-nitropropane	6.417	41	2136	1.06	ug/L		69
69) epichlorohydrin	6.502	57	4500	5.28	ug/L		89
70) cis-1,3-dichloropropene	6.588	75	6400	1.02	ug/L		96
71) 4-methyl-2-pentanone	6.685	58	9881	3.87	ug/L	#	81
72) isoamyl alcohol	6.715	70	3680	15.38	ug/L		92
75) toluene	6.843	92	9354	0.98	ug/L		87
76) ethyl methacrylate	7.019	69	5028	0.96	ug/L		98
77) trans-1,3-dichloropropene	7.001	75	6220	1.09	ug/L		95
78) 1,1,2-trichloroethane	7.141	83	3243	1.07	ug/L	#	85
79) tetrachloroethene	7.214	164	3228	0.98	ug/L		96
80) 2-hexanone	7.275	58	11442	3.94	ug/L		96
81) 1,3-dichloropropane	7.263	76	5890	0.95	ug/L		96
82) butyl acetate	7.348	56	3976	0.98	ug/L		99
83) dibromochloromethane	7.415	129	3622	0.90	ug/L		90
84) 1,2-dibromoethane	7.506	107	3730	0.99	ug/L		99
85) n-butyl ether	7.859	57	18496	1.00	ug/L		96
86) chlorobenzene	7.829	112	10381	0.96	ug/L		92
87) 1,1,1,2-tetrachloroethane	7.883	131	3508	0.97	ug/L		97
88) ethylbenzene	7.883	91	17833	0.99	ug/L		98
89) m,p-xylene	7.969	106	13704	2.04	ug/L		86
90) o-xylene	8.218	91	13544	0.95	ug/L		88
91) styrene	8.224	104	10060	0.95	ug/L		99
92) butyl acrylate	8.157	55	8871	0.94	ug/L		99
93) n-amyl acetate	8.291	70	3193	0.97	ug/L		97
94) isopropylbenzene	8.443	105	16416	0.98	ug/L		99
95) bromoform	8.358	173	2489	0.86	ug/L		78
96) cis-1,4-dichloro-2-butene	8.480	88	2283	0.95	ug/L		90
99) 1,1,2,2-tetrachloroethane	8.632	83	5641	1.12	ug/L		92
100) trans-1,4-dichloro-2-b...	8.650	53	2022	0.85	ug/L		79
101) 1,2,3-trichloropropane	8.674	110	1642	1.04	ug/L	#	78
102) bromobenzene	8.656	156	4107	0.94	ug/L		97
103) n-propylbenzene	8.699	91	20136	0.96	ug/L		99
104) 2-chlorotoluene	8.765	126	3823	0.97	ug/L		95
105) 4-chlorotoluene	8.838	91	11275	0.93	ug/L		88
106) 1,3,5-trimethylbenzene	8.802	105	13190	0.98	ug/L		91
107) tert-butylbenzene	8.997	119	11448	0.96	ug/L		97
108) 1,2,4-trimethylbenzene	9.027	105	13247	0.95	ug/L		99
109) sec-butylbenzene	9.130	105	16372	0.93	ug/L		95
110) p-isopropyltoluene	9.210	119	13663	1.02	ug/L		96
111) 1,2,3-trimethylbenzene	9.277	105	13530	0.93	ug/L		95
112) 1,3-dichlorobenzene	9.216	146	7539	0.93	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03337.D
Acq On : 10 May 2023 12:19 am
Operator : PrashanS
Sample : IC0111-1
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 11 12:14:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:12:41 2023
Response via : Initial Calibration

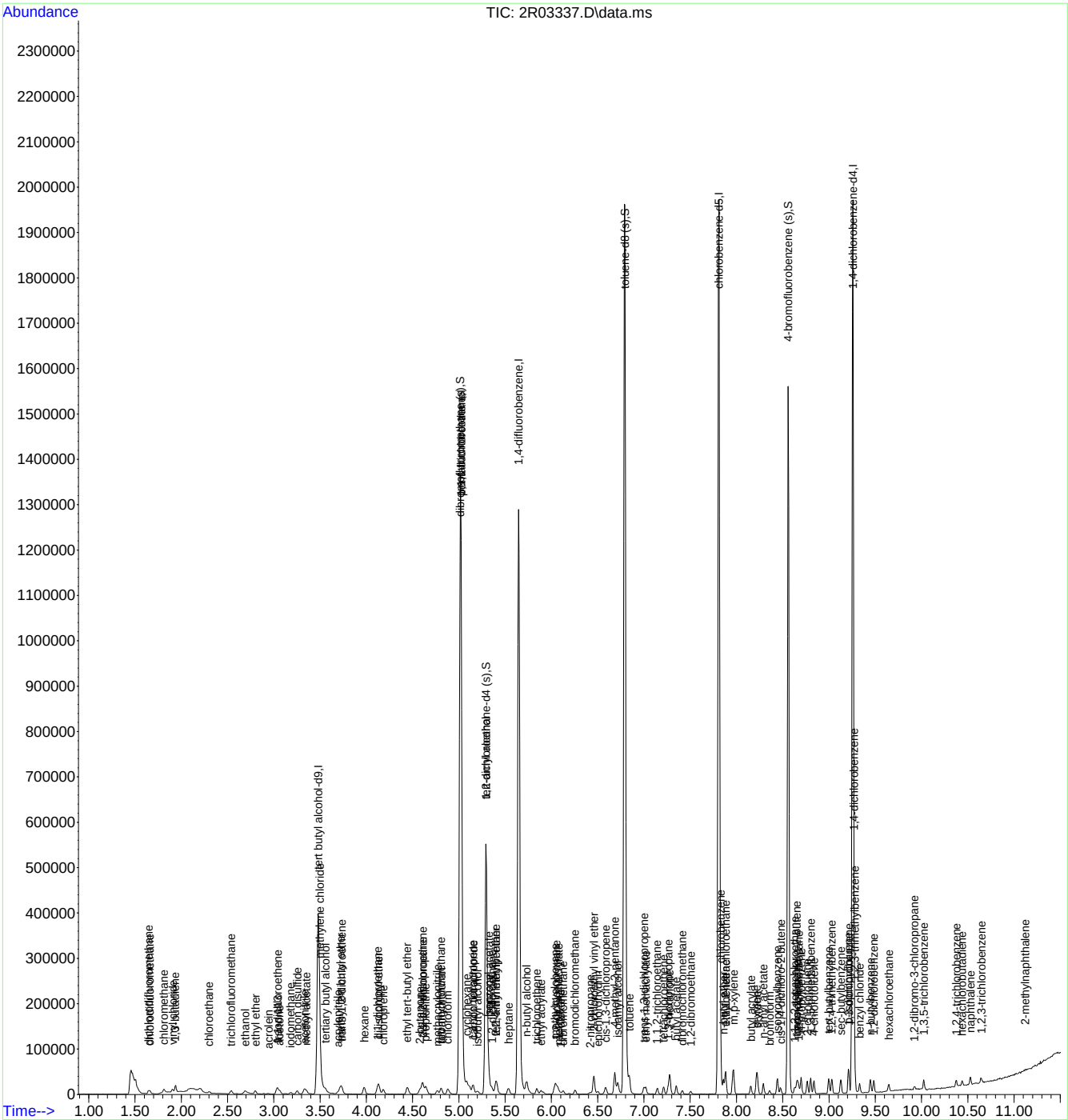
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
113) 1,4-dichlorobenzene	9.270	146	7780	0.99	ug/L	74
114) 1,2-dichlorobenzene	9.483	146	7100	0.95	ug/L	94
115) benzyl chloride	9.331	91	9787	0.97	ug/L	95
116) n-butylbenzene	9.447	92	6154	0.96	ug/L	99
117) hexachloroethane	9.648	201	1530	0.88	ug/L #	83
118) 1,2-dibromo-3-chloropr...	9.921	157	1137	0.83	ug/L #	68
119) 1,3,5-trichlorobenzene	10.025	180	5000	1.03	ug/L	94
120) 1,2,4-trichlorobenzene	10.378	180	3487	0.96	ug/L	97
121) hexachlorobutadiene	10.438	225	1463	0.83	ug/L	90
122) naphthalene	10.530	128	8795	0.94	ug/L	96
123) 1,2,3-trichlorobenzene	10.645	180	2774	0.97	ug/L	79
124) 2-methylnaphthalene	11.120	142	413	0.55	ug/L #	65

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03337.D
Acq On : 10 May 2023 12:19 am
Operator : PrashanS
Sample : IC0111-1
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 11 12:14:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:12:41 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03339.D
Acq On : 10 May 2023 12:59 am
Operator : PrashanS
Sample : IC0111-2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 11 12:34:21 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:16:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.479	65	470699	500.00	ug/L		0.00
5) pentafluorobenzene	5.024	168	619615	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	893277	50.00	ug/L		0.00
73) chlorobenzene-d5	7.810	117	839973	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	387553	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.012	113	269052	50.12	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	332159	51.44	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 102.88%				
74) toluene-d8 (s)	6.794	98	1100743	50.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.52%				
98) 4-bromofluorobenzene (s)	8.559	174	331928	50.42	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.84%				
Target Compounds							Qvalue
2) ethanol	2.688	45	26709	241.10	ug/L		89
3) tertiary butyl alcohol	3.558	59	16176	11.42	ug/L		99
4) 1,4-dioxane	6.101	88	5005	63.89	ug/L		95
6) chlorodifluoromethane	1.660	51	13002	2.23	ug/L		91
7) dichlorodifluoromethane	1.648	85	9238	1.97	ug/L		96
8) chloromethane	1.818	50	11851	1.96	ug/L		97
9) vinyl chloride	1.909	62	9323	1.98	ug/L		92
10) 1,3-butadiene	1.940	54	9516	2.40	ug/L		96
11) bromomethane	2.201	94	4219	2.40	ug/L		91
12) chloroethane	2.299	64	5791	2.22	ug/L		94
13) trichlorofluoromethane	2.542	101	11161	2.17	ug/L		96
14) ethyl ether	2.804	74	4564	2.30	ug/L	#	84
15) acrolein	2.937	56	1960	2.29	ug/L		97
16) freon 113	3.041	151	5920	2.17	ug/L		95
17) 1,1-dichloroethene	3.035	96	5700	2.32	ug/L		95
18) acetone	3.065	58	5443	9.14	ug/L		92
19) acetonitrile	3.327	41	29227	23.36	ug/L		98
20) iodomethane	3.181	142	8782	2.17	ug/L		97
21) carbon disulfide	3.254	76	21066	2.10	ug/L		96
22) methylene chloride	3.497	84	8337	2.37	ug/L		90
23) methyl acetate	3.357	74	1936	2.08	ug/L		96
24) methyl tert butyl ether	3.722	73	25609	2.17	ug/L		99
25) trans-1,2-dichloroethene	3.734	96	7525	2.20	ug/L		85
26) hexane	3.978	56	7547	2.07	ug/L		99
27) di-isopropyl ether	4.136	45	34076	2.25	ug/L		97
28) 2-butanone	4.580	72	5859	8.39	ug/L		89
29) 1,1-dichloroethane	4.124	63	16202	2.25	ug/L		96
30) chloroprene	4.184	53	14452	2.20	ug/L		96
31) acrylonitrile	3.704	53	6193	2.43	ug/L		96
32) vinyl acetate	4.112	86	845	1.49	ug/L	#	23
33) ethyl tert-butyl ether	4.446	59	29438	2.37	ug/L		96
34) ethyl acetate	4.604	45	2293	1.72	ug/L	#	82
35) 2,2-dichloropropane	4.616	77	12458	2.43	ug/L		97
36) cis-1,2-dichloroethene	4.610	96	8536	2.32	ug/L		96
37) propionitrile	4.641	54	28858	23.63	ug/L		86
38) methyl acrylate	4.653	85	1529	1.85	ug/L	#	61
39) methacrylonitrile	4.769	67	4717	2.22	ug/L		93
40) bromochloromethane	4.805	128	4137	2.33	ug/L		93
41) tetrahydrofuran	4.811	42	7428	2.28	ug/L		94
42) chloroform	4.878	83	16187	2.07	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03339.D
Acq On : 10 May 2023 12:59 am
Operator : PrashanS
Sample : IC0111-2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 11 12:34:21 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:16:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,1-trichloroethane	5.030	97	12394	2.25	ug/L	#	1
46) cyclohexane	5.091	84	9488	1.82	ug/L		88
47) isobutyl alcohol	5.200	43	11127	23.68	ug/L		97
48) 1,1-dichloropropene	5.152	75	10673	2.26	ug/L		93
49) carbon tetrachloride	5.152	117	10428	2.11	ug/L		94
50) tert-amyl alcohol	5.304	73	5752	11.15	ug/L		96
51) isopropyl acetate	5.322	87	2084	1.95	ug/L	#	84
54) n-butyl alcohol	5.730	56	33525	115.06	ug/L		100
55) 2,2,4-trimethylpentane	5.401	57	28542	2.30	ug/L		97
56) benzene	5.316	78	32842	2.20	ug/L	#	32
57) tert-amyl methyl ether	5.401	73	24814	2.24	ug/L		99
58) heptane	5.535	57	5855	2.04	ug/L		98
59) 1,2-dichloroethane	5.359	62	14482	2.17	ug/L		97
60) ethyl acrylate	5.888	55	16015	2.14	ug/L		97
61) trichloroethene	5.845	95	8420	2.28	ug/L		95
62) 2-chloroethyl vinyl ether	6.460	63	34273	12.02	ug/L		100
63) methyl methacrylate	6.070	100	2890	2.47	ug/L	#	81
64) methylcyclohexane	6.040	83	13964	2.20	ug/L		97
65) 1,2-dichloropropane	6.052	63	9450	2.17	ug/L		88
66) dibromomethane	6.125	93	5408	2.10	ug/L		94
67) bromodichloromethane	6.253	83	11532	2.26	ug/L		96
68) 2-nitropropane	6.417	41	4571	2.17	ug/L		94
69) epichlorohydrin	6.502	57	10740	12.21	ug/L		97
70) cis-1,3-dichloropropene	6.588	75	14743	2.31	ug/L		97
71) 4-methyl-2-pentanone	6.685	58	24787	9.66	ug/L		92
72) isoamyl alcohol	6.715	70	10288	48.01	ug/L	#	80
75) toluene	6.843	92	21600	2.23	ug/L		97
76) ethyl methacrylate	7.019	69	11901	2.25	ug/L		90
77) trans-1,3-dichloropropene	7.001	75	13569	2.28	ug/L		98
78) 1,1,2-trichloroethane	7.147	83	7462	2.35	ug/L		95
79) tetrachloroethene	7.214	164	6907	2.06	ug/L		90
80) 2-hexanone	7.275	58	27389	9.27	ug/L		99
81) 1,3-dichloropropane	7.263	76	14100	2.26	ug/L		98
82) butyl acetate	7.348	56	9787	2.38	ug/L		93
83) dibromochloromethane	7.415	129	8427	2.10	ug/L		91
84) 1,2-dibromoethane	7.506	107	8542	2.22	ug/L		99
85) n-butyl ether	7.859	57	42371	2.24	ug/L		98
86) chlorobenzene	7.829	112	23955	2.19	ug/L		98
87) 1,1,1,2-tetrachloroethane	7.883	131	8023	2.19	ug/L		93
88) ethylbenzene	7.883	91	41210	2.25	ug/L		99
89) m,p-xylene	7.968	106	31118	4.51	ug/L		94
90) o-xylene	8.218	91	32517	2.26	ug/L		95
91) styrene	8.224	104	24918	2.33	ug/L		98
92) butyl acrylate	8.151	55	21941	2.31	ug/L		99
93) n-amyl acetate	8.291	70	7693	2.30	ug/L	#	87
94) isopropylbenzene	8.443	105	38240	2.25	ug/L		99
95) bromoform	8.358	173	6327	2.22	ug/L		90
96) cis-1,4-dichloro-2-butene	8.479	88	5137	2.13	ug/L		91
99) 1,1,2,2-tetrachloroethane	8.632	83	12279	2.31	ug/L		92
100) trans-1,4-dichloro-2-b...	8.650	53	5162	2.24	ug/L		87
101) 1,2,3-trichloropropane	8.674	110	4068	2.49	ug/L	#	80
102) bromobenzene	8.656	156	10018	2.27	ug/L		94
103) n-propylbenzene	8.699	91	45976	2.17	ug/L		94
104) 2-chlorotoluene	8.765	126	8659	2.16	ug/L		93
105) 4-chlorotoluene	8.838	91	27996	2.30	ug/L		90
106) 1,3,5-trimethylbenzene	8.802	105	30963	2.26	ug/L		98
107) tert-butylbenzene	8.997	119	27306	2.25	ug/L		97
108) 1,2,4-trimethylbenzene	9.027	105	32064	2.28	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03339.D
Acq On : 10 May 2023 12:59 am
Operator : PrashanS
Sample : IC0111-2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 11 12:34:21 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:16:12 2023
Response via : Initial Calibration

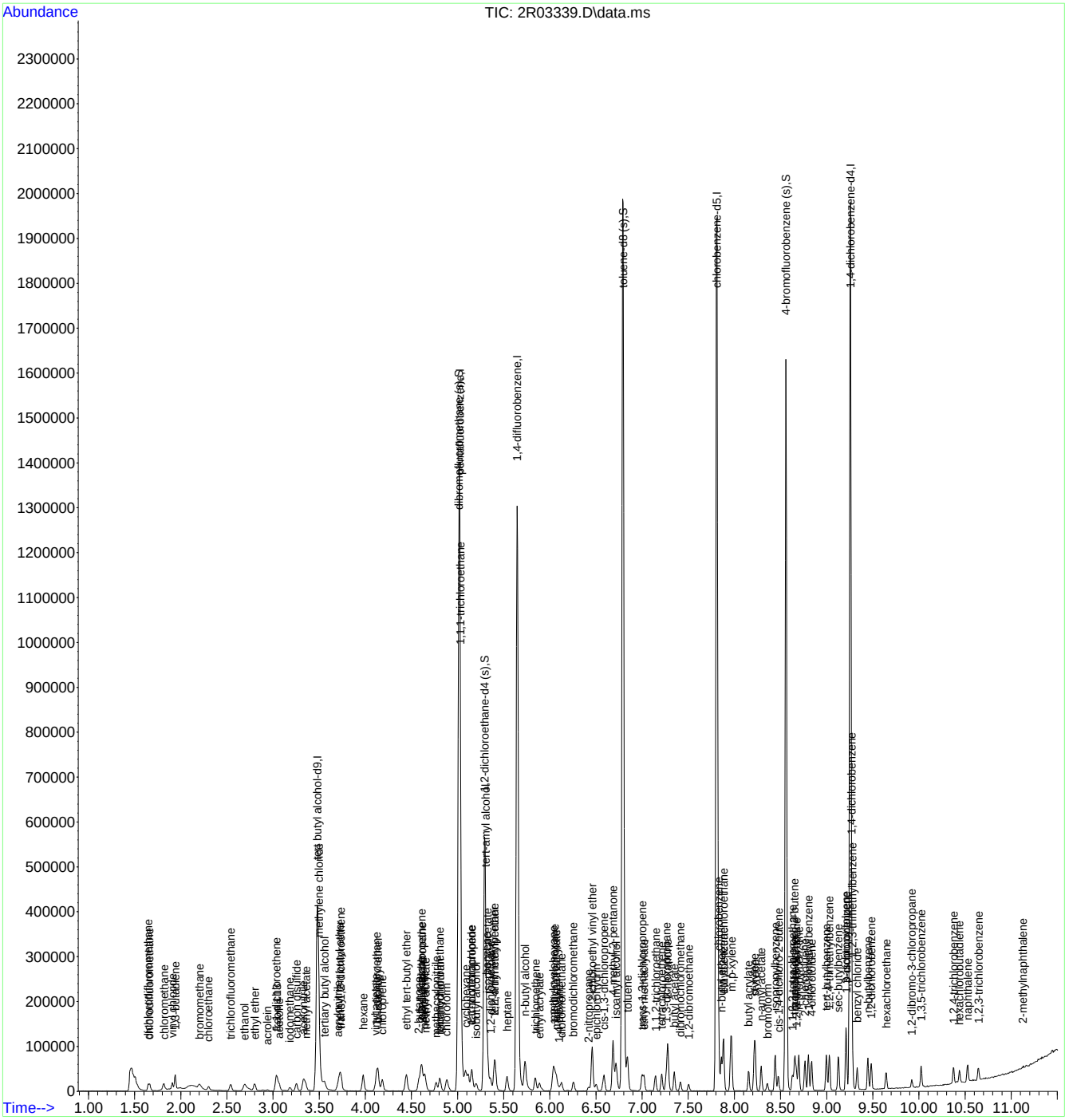
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) sec-butylbenzene	9.124	105	38421	2.18	ug/L	97
110) p-isopropyltoluene	9.210	119	32312	2.34	ug/L	94
111) 1,2,3-trimethylbenzene	9.276	105	31305	2.13	ug/L	98
112) 1,3-dichlorobenzene	9.216	146	17972	2.21	ug/L	97
113) 1,4-dichlorobenzene	9.270	146	18159	2.27	ug/L	95
114) 1,2-dichlorobenzene	9.483	146	17602	2.33	ug/L	93
115) benzyl chloride	9.331	91	23313	2.27	ug/L	99
116) n-butylbenzene	9.447	92	14807	2.27	ug/L	97
117) hexachloroethane	9.648	201	3747	2.19	ug/L	84
118) 1,2-dibromo-3-chloropr...	9.921	157	2800	2.12	ug/L	85
119) 1,3,5-trichlorobenzene	10.025	180	10672	2.13	ug/L	92
120) 1,2,4-trichlorobenzene	10.378	180	8507	2.31	ug/L	97
121) hexachlorobutadiene	10.438	225	3644	2.11	ug/L	87
122) naphthalene	10.530	128	21585	2.30	ug/L	99
123) 1,2,3-trichlorobenzene	10.645	180	6108	2.11	ug/L	86
124) 2-methylnaphthalene	11.126	142	898	1.11	ug/L	89

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03339.D
Acq On : 10 May 2023 12:59 am
Operator : PrashanS
Sample : IC0111-2
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 11 12:34:21 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:16:12 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03341.D
Acq On : 10 May 2023 1:39 am
Operator : PrashanS
Sample : IC0111-4
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 12:18:04 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:17:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.479	65	485530	500.00	ug/L	0.00
5) pentafluorobenzene	5.018	168	624780	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	902451	50.00	ug/L	0.00
73) chlorobenzene-d5	7.804	117	844985	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.252	152	387843	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	271119	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	328725	50.10	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.20%			
74) toluene-d8 (s)	6.788	98	1104217	50.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.12%			
98) 4-bromofluorobenzene (s)	8.559	174	334411	50.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.36%			
Target Compounds						Qvalue
2) ethanol	2.688	45	52766	443.54	ug/L	94
3) tertiary butyl alcohol	3.558	59	30515	19.95	ug/L	99
4) 1,4-dioxane	6.095	88	9896	112.08	ug/L	93
6) chlorodifluoromethane	1.666	51	24738	4.11	ug/L	99
7) dichlorodifluoromethane	1.648	85	20032	4.26	ug/L	99
8) chloromethane	1.812	50	23733	3.91	ug/L	99
9) vinyl chloride	1.909	62	19267	4.06	ug/L	97
10) 1,3-butadiene	1.940	54	16517	3.93	ug/L	96
11) bromomethane	2.201	94	8605	4.41	ug/L	96
12) chloroethane	2.305	64	11666	4.31	ug/L	95
13) trichlorofluoromethane	2.542	101	21518	4.07	ug/L	96
14) ethyl ether	2.798	74	8798	4.27	ug/L	92
15) acrolein	2.944	56	4093	4.53	ug/L	96
16) freon 113	3.035	151	12046	4.31	ug/L	91
17) 1,1-dichloroethene	3.035	96	11492	4.49	ug/L	94
18) acetone	3.059	58	11638	18.71	ug/L	93
19) acetonitrile	3.327	41	56334	42.85	ug/L	96
20) iodomethane	3.187	142	17590	4.23	ug/L	97
21) carbon disulfide	3.248	76	41412	4.05	ug/L	99
22) methylene chloride	3.491	84	14445	3.93	ug/L	98
23) methyl acetate	3.351	74	3695	3.88	ug/L	99
24) methyl tert butyl ether	3.722	73	49222	4.06	ug/L	98
25) trans-1,2-dichloroethene	3.734	96	13651	3.88	ug/L	93
26) hexane	3.972	56	15222	4.12	ug/L	97
27) di-isopropyl ether	4.130	45	65029	4.16	ug/L	96
28) 2-butanone	4.580	72	11371	15.89	ug/L	96
29) 1,1-dichloroethane	4.124	63	30658	4.13	ug/L	96
30) chloroprene	4.185	53	28142	4.15	ug/L	98
31) acrylonitrile	3.698	53	12117	4.47	ug/L	93
32) vinyl acetate	4.106	86	1829	3.66	ug/L #	85
33) ethyl tert-butyl ether	4.440	59	55138	4.25	ug/L	100
34) ethyl acetate	4.604	45	4867	3.90	ug/L	95
35) 2,2-dichloropropane	4.611	77	22889	4.24	ug/L	99
36) cis-1,2-dichloroethene	4.604	96	16335	4.26	ug/L	97
37) propionitrile	4.641	54	57751	45.25	ug/L	86
38) methyl acrylate	4.653	85	3021	3.77	ug/L #	72
39) methacrylonitrile	4.763	67	9328	4.24	ug/L	89
40) bromochloromethane	4.805	128	7860	4.21	ug/L	91
41) tetrahydrofuran	4.811	42	11899	3.47	ug/L	94
42) chloroform	4.878	83	30204	3.80	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03341.D
Acq On : 10 May 2023 1:39 am
Operator : PrashanS
Sample : IC0111-4
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 12:18:04 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:17:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) tert-Butyl Formate	4.896	59	6008	3.74	ug/L		87
45) 1,1,1-trichloroethane	5.024	97	24173	4.22	ug/L	#	1
46) cyclohexane	5.091	84	19596	3.81	ug/L		91
47) isobutyl alcohol	5.201	43	20280	40.33	ug/L		95
48) 1,1-dichloropropene	5.152	75	20405	4.18	ug/L		95
49) carbon tetrachloride	5.152	117	20073	3.98	ug/L		97
50) tert-amyl alcohol	5.298	73	11889	22.01	ug/L		98
51) isopropyl acetate	5.316	87	4591	4.30	ug/L	#	58
54) n-butyl alcohol	5.730	56	67943	219.79	ug/L		97
55) 2,2,4-trimethylpentane	5.401	57	54660	4.23	ug/L		96
56) benzene	5.316	78	63843	4.15	ug/L		71
57) tert-amyl methyl ether	5.401	73	46101	4.03	ug/L		94
58) heptane	5.535	57	12657	4.35	ug/L		95
59) 1,2-dichloroethane	5.359	62	26239	3.81	ug/L		94
60) ethyl acrylate	5.882	55	32852	4.25	ug/L		99
61) trichloroethene	5.839	95	16190	4.23	ug/L		99
62) 2-chloroethyl vinyl ether	6.454	63	64856	21.64	ug/L		98
63) methyl methacrylate	6.071	100	4670	3.67	ug/L	#	82
64) methylcyclohexane	6.034	83	27283	4.18	ug/L		98
65) 1,2-dichloropropane	6.052	63	18759	4.19	ug/L		96
66) dibromomethane	6.125	93	10444	3.96	ug/L		96
67) bromodichloromethane	6.253	83	21525	4.07	ug/L		97
68) 2-nitropropane	6.417	41	8649	3.96	ug/L		95
69) epichlorohydrin	6.503	57	20256	21.61	ug/L		96
70) cis-1,3-dichloropropene	6.588	75	27475	4.14	ug/L		98
71) 4-methyl-2-pentanone	6.685	58	48365	17.91	ug/L		91
72) isoamyl alcohol	6.715	70	20249	87.68	ug/L		95
75) toluene	6.837	92	41346	4.14	ug/L		94
76) ethyl methacrylate	7.020	69	22981	4.21	ug/L		92
77) trans-1,3-dichloropropene	6.995	75	26456	4.30	ug/L		96
78) 1,1,2-trichloroethane	7.141	83	13801	4.14	ug/L		96
79) tetrachloroethene	7.208	164	13739	4.04	ug/L		93
80) 2-hexanone	7.275	58	53347	17.40	ug/L		95
81) 1,3-dichloropropane	7.257	76	26453	4.11	ug/L		94
82) butyl acetate	7.348	56	18511	4.31	ug/L		95
83) dibromochloromethane	7.415	129	16271	4.00	ug/L		92
84) 1,2-dibromoethane	7.500	107	16460	4.16	ug/L		93
85) n-butyl ether	7.853	57	82114	4.22	ug/L		99
86) chlorobenzene	7.829	112	46109	4.12	ug/L		93
87) 1,1,1,2-tetrachloroethane	7.883	131	15491	4.13	ug/L		91
88) ethylbenzene	7.877	91	78539	4.15	ug/L		99
89) m,p-xylene	7.963	106	59903	8.41	ug/L		95
90) o-xylene	8.212	91	63270	4.26	ug/L		95
91) styrene	8.224	104	47738	4.29	ug/L		100
92) butyl acrylate	8.151	55	42365	4.30	ug/L		97
93) n-amyl acetate	8.291	70	14484	4.15	ug/L		99
94) isopropylbenzene	8.443	105	74557	4.25	ug/L		99
95) bromoform	8.352	173	11778	4.02	ug/L		95
96) cis-1,4-dichloro-2-butene	8.474	88	9888	4.01	ug/L		97
99) 1,1,2,2-tetrachloroethane	8.626	83	23809	4.34	ug/L		93
100) trans-1,4-dichloro-2-b...	8.650	53	9528	4.01	ug/L		84
101) 1,2,3-trichloropropane	8.668	110	7471	4.36	ug/L		88
102) bromobenzene	8.656	156	18639	4.11	ug/L		96
103) n-propylbenzene	8.699	91	89733	4.16	ug/L		100
104) 2-chlorotoluene	8.766	126	17550	4.31	ug/L		92
105) 4-chlorotoluene	8.832	91	53701	4.28	ug/L		99
106) 1,3,5-trimethylbenzene	8.802	105	62188	4.43	ug/L		97
107) tert-butylbenzene	8.997	119	51206	4.12	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03341.D
Acq On : 10 May 2023 1:39 am
Operator : PrashanS
Sample : IC0111-4
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 12:18:04 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:17:54 2023
Response via : Initial Calibration

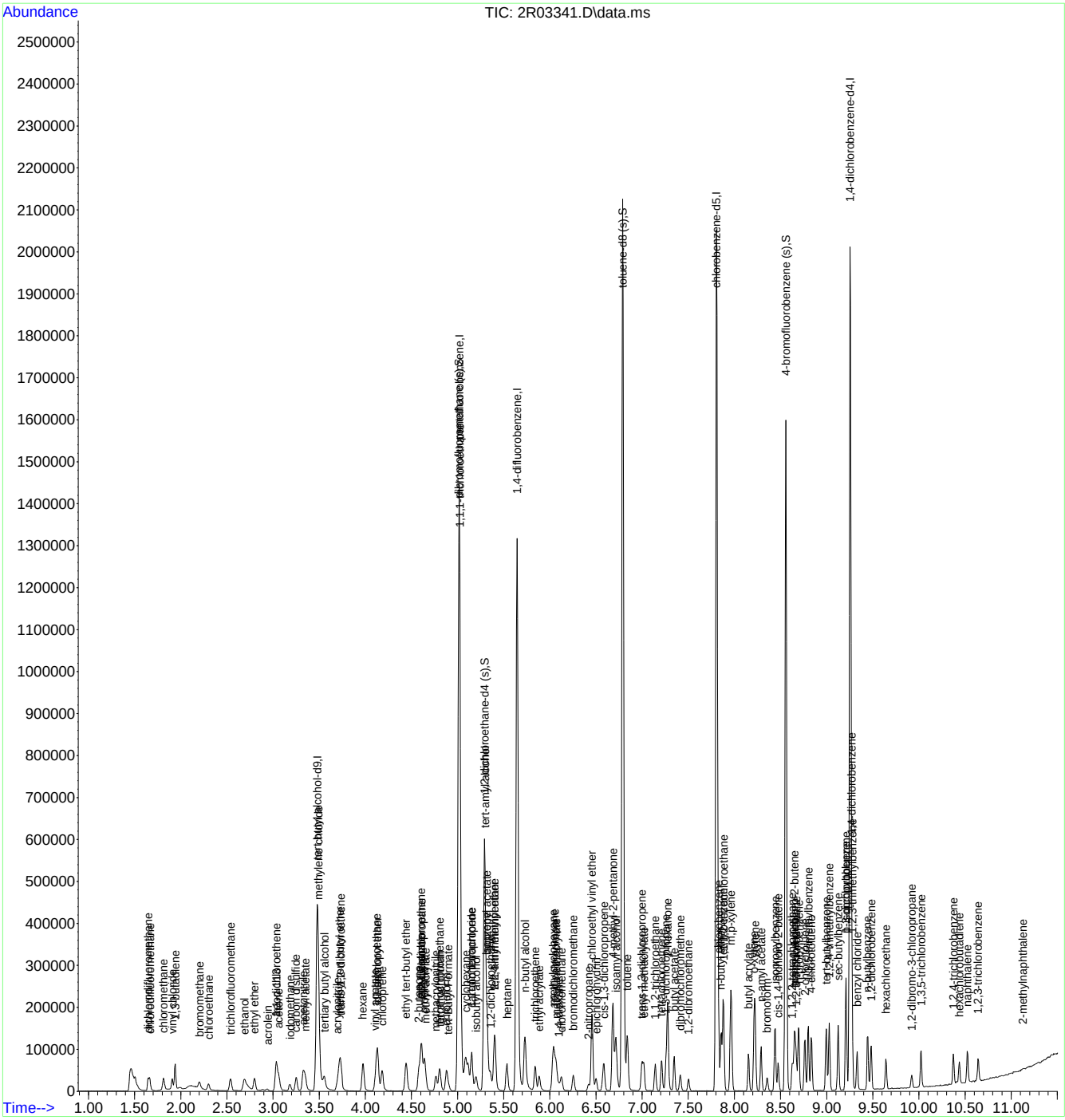
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
108) 1,2,4-trimethylbenzene	9.027	105	61289	4.24	ug/L		96
109) sec-butylbenzene	9.125	105	73863	4.11	ug/L		98
110) p-isopropyltoluene	9.210	119	62733	4.39	ug/L		100
111) 1,2,3-trimethylbenzene	9.277	105	60996	4.10	ug/L		97
112) 1,3-dichlorobenzene	9.210	146	35405	4.26	ug/L		99
113) 1,4-dichlorobenzene	9.271	146	34689	4.19	ug/L		99
114) 1,2-dichlorobenzene	9.483	146	33083	4.24	ug/L		97
115) benzyl chloride	9.331	91	44387	4.21	ug/L		99
116) n-butylbenzene	9.441	92	29089	4.34	ug/L		94
117) hexachloroethane	9.642	201	7218	4.12	ug/L	#	81
118) 1,2-dibromo-3-chloropr...	9.921	157	5630	4.19	ug/L		90
119) 1,3,5-trichlorobenzene	10.025	180	21294	4.20	ug/L		97
120) 1,2,4-trichlorobenzene	10.372	180	16033	4.22	ug/L		98
121) hexachlorobutadiene	10.439	225	7403	4.23	ug/L		94
122) naphthalene	10.524	128	42119	4.35	ug/L		98
123) 1,2,3-trichlorobenzene	10.639	180	11072	3.78	ug/L		94
124) 2-methylnaphthalene	11.126	142	1398	1.66	ug/L	#	72

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03341.D
Acq On : 10 May 2023 1:39 am
Operator : PrashanS
Sample : IC0111-4
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 11 12:18:04 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:17:54 2023
Response via : Initial Calibration



M2R111.M Fri May 12 11:12:38 2023 Page: 4

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03343.D
Acq On : 10 May 2023 2:20 am
Operator : PrashanS
Sample : IC0111-8
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 12:19:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:18:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.479	65	489398	500.00	ug/L	0.00
5) pentafluorobenzene	5.018	168	633589	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	916653	50.00	ug/L	0.00
73) chlorobenzene-d5	7.804	117	842464	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	397348	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.006	113	274986	50.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.12%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	335470	50.32	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.64%			
74) toluene-d8 (s)	6.788	98	1108522	50.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.80%			
98) 4-bromofluorobenzene (s)	8.559	174	336815	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			
Target Compounds						Qvalue
2) ethanol	2.682	45	93266	763.92	ug/L	92
3) tertiary butyl alcohol	3.552	59	58315	37.84	ug/L	100
4) 1,4-dioxane	6.101	88	18148	197.94	ug/L	96
6) chlorodifluoromethane	1.660	51	48243	7.87	ug/L	99
7) dichlorodifluoromethane	1.642	85	38765	8.03	ug/L	96
8) chloromethane	1.806	50	47824	7.81	ug/L	98
9) vinyl chloride	1.903	62	39393	8.17	ug/L	99
10) 1,3-butadiene	1.934	54	33733	7.95	ug/L	98
11) bromomethane	2.195	94	17212	8.41	ug/L	92
12) chloroethane	2.299	64	23236	8.34	ug/L	98
13) trichlorofluoromethane	2.536	101	47062	8.76	ug/L	95
14) ethyl ether	2.798	74	17683	8.36	ug/L	96
15) acrolein	2.932	56	7296	7.71	ug/L	89
16) freon 113	3.035	151	22655	7.89	ug/L	98
17) 1,1-dichloroethene	3.029	96	22087	8.34	ug/L	94
18) acetone	3.059	58	20808	31.91	ug/L	92
19) acetonitrile	3.321	41	105106	77.72	ug/L	97
20) iodomethane	3.181	142	37246	8.73	ug/L	98
21) carbon disulfide	3.248	76	83832	8.06	ug/L	99
22) methylene chloride	3.491	84	29555	7.95	ug/L	99
23) methyl acetate	3.345	74	7696	8.03	ug/L	97
24) methyl tert butyl ether	3.716	73	97123	7.88	ug/L	98
25) trans-1,2-dichloroethene	3.735	96	27380	7.71	ug/L	98
26) hexane	3.972	56	29491	7.83	ug/L	95
27) di-isopropyl ether	4.130	45	130171	8.15	ug/L	99
28) 2-butanone	4.580	72	22823	31.50	ug/L #	82
29) 1,1-dichloroethane	4.118	63	59224	7.82	ug/L	99
30) chloroprene	4.179	53	58727	8.48	ug/L	99
31) acrylonitrile	3.692	53	22928	8.15	ug/L	90
32) vinyl acetate	4.106	86	4175	8.48	ug/L #	47
33) ethyl tert-butyl ether	4.440	59	110442	8.30	ug/L	99
34) ethyl acetate	4.604	45	10365	8.25	ug/L	97
35) 2,2-dichloropropane	4.611	77	44526	8.06	ug/L	95
36) cis-1,2-dichloroethene	4.604	96	31628	8.05	ug/L	96
37) propionitrile	4.635	54	104423	78.96	ug/L	81
38) methyl acrylate	4.653	85	5987	7.51	ug/L #	87
39) methacrylonitrile	4.763	67	18439	8.17	ug/L	91
40) bromochloromethane	4.805	128	14898	7.79	ug/L	96
41) tetrahydrofuran	4.805	42	22568	6.71	ug/L	97
42) chloroform	4.878	83	57456	7.21	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03343.D
Acq On : 10 May 2023 2:20 am
Operator : PrashanS
Sample : IC0111-8
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 12:19:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:18:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) tert-Butyl Formate	4.896	59	13476	8.46	ug/L	95
45) 1,1,1-trichloroethane	5.024	97	47984	8.17	ug/L #	1
46) cyclohexane	5.085	84	41686	8.06	ug/L	96
47) isobutyl alcohol	5.195	43	38891	76.11	ug/L	95
48) 1,1-dichloropropene	5.152	75	41242	8.27	ug/L	97
49) carbon tetrachloride	5.152	117	39085	7.65	ug/L	89
50) tert-amyl alcohol	5.292	73	22833	40.66	ug/L	93
51) isopropyl acetate	5.322	87	9661	8.76	ug/L #	71
54) n-butyl alcohol	5.730	56	129283	401.80	ug/L	97
55) 2,2,4-trimethylpentane	5.401	57	104269	7.86	ug/L	95
56) benzene	5.316	78	125540	7.99	ug/L	88
57) tert-amyl methyl ether	5.401	73	94667	8.13	ug/L	99
58) heptane	5.535	57	23541	7.85	ug/L	96
59) 1,2-dichloroethane	5.353	62	50901	7.34	ug/L	98
60) ethyl acrylate	5.882	55	64314	8.06	ug/L	99
61) trichloroethene	5.839	95	32687	8.32	ug/L	99
62) 2-chloroethyl vinyl ether	6.454	63	129329	41.91	ug/L	99
63) methyl methacrylate	6.071	100	10268	8.10	ug/L	94
64) methylcyclohexane	6.034	83	52200	7.81	ug/L	99
65) 1,2-dichloropropane	6.052	63	37166	8.10	ug/L	97
66) dibromomethane	6.125	93	19688	7.37	ug/L	95
67) bromodichloromethane	6.253	83	41605	7.72	ug/L	95
68) 2-nitropropane	6.417	41	17538	7.92	ug/L	93
69) epichlorohydrin	6.503	57	39511	40.84	ug/L	97
70) cis-1,3-dichloropropene	6.588	75	55171	8.13	ug/L	98
71) 4-methyl-2-pentanone	6.679	58	93401	33.39	ug/L	100
72) isoamyl alcohol	6.715	70	39457	164.27	ug/L	93
75) toluene	6.843	92	79943	7.98	ug/L	97
76) ethyl methacrylate	7.020	69	44971	8.19	ug/L	99
77) trans-1,3-dichloropropene	6.995	75	52386	8.43	ug/L	100
78) 1,1,2-trichloroethane	7.141	83	26321	7.86	ug/L	89
79) tetrachloroethene	7.208	164	28112	8.28	ug/L	96
80) 2-hexanone	7.275	58	104708	33.76	ug/L	98
81) 1,3-dichloropropane	7.257	76	52441	8.13	ug/L	96
82) butyl acetate	7.348	56	35571	8.19	ug/L	96
83) dibromochloromethane	7.415	129	32799	8.08	ug/L	98
84) 1,2-dibromoethane	7.500	107	32988	8.31	ug/L	98
85) n-butyl ether	7.853	57	159480	8.14	ug/L	100
86) chlorobenzene	7.829	112	87552	7.80	ug/L	99
87) 1,1,1,2-tetrachloroethane	7.877	131	30721	8.17	ug/L	98
88) ethylbenzene	7.877	91	152808	8.05	ug/L	99
89) m,p-xylene	7.963	106	113828	15.89	ug/L	98
90) o-xylene	8.212	91	119985	8.02	ug/L	98
91) styrene	8.224	104	95677	8.53	ug/L	99
92) butyl acrylate	8.151	55	86062	8.66	ug/L	98
93) n-amyl acetate	8.291	70	29667	8.47	ug/L	92
94) isopropylbenzene	8.443	105	140087	7.93	ug/L	97
95) bromoform	8.358	173	23020	7.87	ug/L	97
96) cis-1,4-dichloro-2-butene	8.474	88	19815	8.06	ug/L	98
99) 1,1,2,2-tetrachloroethane	8.626	83	47169	8.28	ug/L	98
100) trans-1,4-dichloro-2-b...	8.650	53	19172	7.87	ug/L	99
101) 1,2,3-trichloropropane	8.668	110	14151	7.94	ug/L	91
102) bromobenzene	8.656	156	36374	7.79	ug/L	95
103) n-propylbenzene	8.699	91	171977	7.73	ug/L	96
104) 2-chlorotoluene	8.766	126	32964	7.80	ug/L	99
105) 4-chlorotoluene	8.833	91	102659	7.90	ug/L	98
106) 1,3,5-trimethylbenzene	8.802	105	115396	7.88	ug/L	99
107) tert-butylbenzene	8.997	119	97237	7.60	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03343.D
Acq On : 10 May 2023 2:20 am
Operator : PrashanS
Sample : IC0111-8
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 12:19:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:18:57 2023
Response via : Initial Calibration

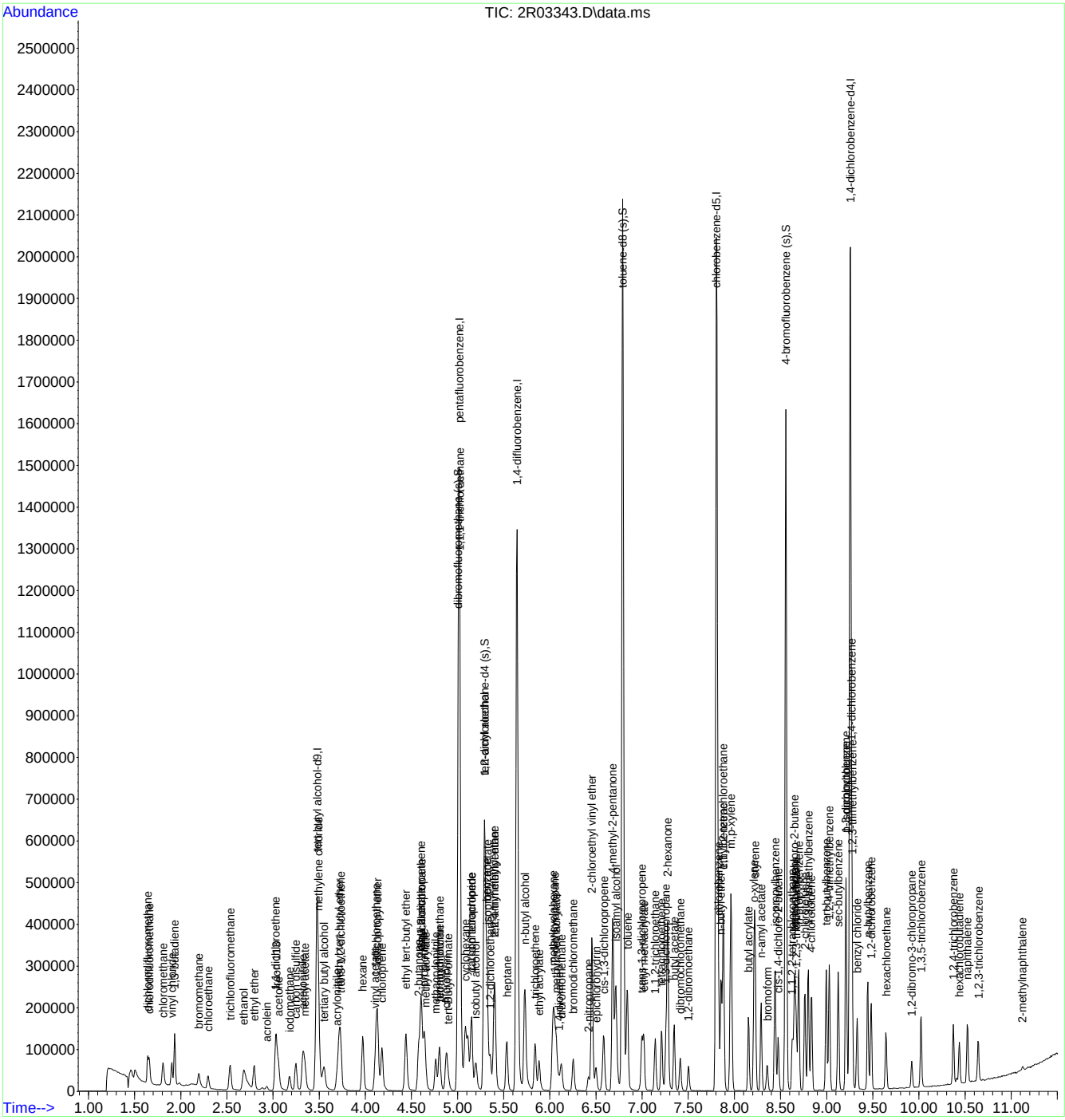
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2,4-trimethylbenzene	9.027	105	120972	8.08	ug/L	99
109) sec-butylbenzene	9.125	105	141028	7.62	ug/L	99
110) p-isopropyltoluene	9.210	119	117371	7.89	ug/L	99
111) 1,2,3-trimethylbenzene	9.277	105	116749	7.63	ug/L	99
112) 1,3-dichlorobenzene	9.210	146	66371	7.71	ug/L	97
113) 1,4-dichlorobenzene	9.271	146	65404	7.63	ug/L	97
114) 1,2-dichlorobenzene	9.483	146	63773	7.90	ug/L	98
115) benzyl chloride	9.331	91	88040	8.08	ug/L	99
116) n-butylbenzene	9.447	92	55930	8.04	ug/L	97
117) hexachloroethane	9.648	201	14114	7.81	ug/L	98
118) 1,2-dibromo-3-chloropr...	9.922	157	12160	8.76	ug/L	92
119) 1,3,5-trichlorobenzene	10.025	180	39568	7.55	ug/L	95
120) 1,2,4-trichlorobenzene	10.372	180	31882	8.11	ug/L	95
121) hexachlorobutadiene	10.439	225	13438	7.43	ug/L	91
122) naphthalene	10.524	128	82559	8.20	ug/L	98
123) 1,2,3-trichlorobenzene	10.645	180	22424	7.54	ug/L	98
124) 2-methylnaphthalene	11.120	142	2947	3.57	ug/L	87

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03343.D
Acq On : 10 May 2023 2:20 am
Operator : PrashanS
Sample : IC0111-8
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 12:19:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:18:57 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03345.D
Acq On : 10 May 2023 3:00 am
Operator : PrashanS
Sample : IC0111-20
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 11 12:19:59 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:19:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.473	65	529437	500.00	ug/L		0.00
5) pentafluorobenzene	5.018	168	653654	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	950528	50.00	ug/L		0.00
73) chlorobenzene-d5	7.804	117	883280	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	413506	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.006	113	283924	50.10	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.20%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	350010	50.58	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 101.16%				
74) toluene-d8 (s)	6.788	98	1160075	50.25	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.50%				
98) 4-bromofluorobenzene (s)	8.559	174	347074	49.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.52%				
Target Compounds							Qvalue
2) ethanol	2.682	45	232433	1771.24	ug/L		98
3) tertiary butyl alcohol	3.552	59	142923	86.66	ug/L		100
4) 1,4-dioxane	6.095	88	45895	463.68	ug/L		93
6) chlorodifluoromethane	1.654	51	113903	18.06	ug/L		99
7) dichlorodifluoromethane	1.642	85	91006	18.27	ug/L		99
8) chloromethane	1.806	50	111175	17.66	ug/L		99
9) vinyl chloride	1.903	62	93614	18.76	ug/L		100
10) 1,3-butadiene	1.934	54	83799	19.16	ug/L		97
11) bromomethane	2.189	94	38293	17.91	ug/L		98
12) chloroethane	2.292	64	53532	18.49	ug/L		99
13) trichlorofluoromethane	2.530	101	109351	19.46	ug/L		97
14) ethyl ether	2.791	74	43293	19.72	ug/L		93
15) acrolein	2.931	56	19203	19.80	ug/L		93
16) freon 113	3.035	151	54980	18.61	ug/L		91
17) 1,1-dichloroethene	3.029	96	53596	19.49	ug/L		98
18) acetone	3.053	58	51229	76.18	ug/L		99
19) acetonitrile	3.321	41	254227	183.09	ug/L		98
20) iodomethane	3.181	142	94982	21.25	ug/L		98
21) carbon disulfide	3.248	76	190223	17.71	ug/L		97
22) methylene chloride	3.491	84	70275	18.33	ug/L		99
23) methyl acetate	3.345	74	19475	19.68	ug/L	#	89
24) methyl tert butyl ether	3.716	73	245031	19.32	ug/L		99
25) trans-1,2-dichloroethene	3.734	96	65271	17.91	ug/L		94
26) hexane	3.972	56	73035	18.85	ug/L		98
27) di-isopropyl ether	4.130	45	320665	19.41	ug/L		98
28) 2-butanone	4.580	72	59712	80.13	ug/L		94
29) 1,1-dichloroethane	4.118	63	142145	18.25	ug/L		99
30) chloroprene	4.178	53	142927	19.80	ug/L		98
31) acrylonitrile	3.692	53	60441	20.77	ug/L		98
32) vinyl acetate	4.105	86	10676	20.71	ug/L	#	91
33) ethyl tert-butyl ether	4.440	59	271899	19.71	ug/L		99
34) ethyl acetate	4.604	45	25423	19.47	ug/L		96
35) 2,2-dichloropropane	4.610	77	107585	18.85	ug/L		99
36) cis-1,2-dichloroethene	4.598	96	77310	19.06	ug/L		97
37) propionitrile	4.635	54	263220	193.28	ug/L		84
38) methyl acrylate	4.647	85	16055	19.82	ug/L	#	94
39) methacrylonitrile	4.762	67	47333	20.26	ug/L		97
40) bromochloromethane	4.799	128	35967	18.31	ug/L		92
41) tetrahydrofuran	4.805	42	54376	16.18	ug/L		97
42) chloroform	4.878	83	134972	16.68	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03345.D
Acq On : 10 May 2023 3:00 am
Operator : PrashanS
Sample : IC0111-20
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 11 12:19:59 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:19:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) tert-Butyl Formate	4.896	59	32753	19.64	ug/L		94
45) 1,1,1-trichloroethane	5.024	97	112749	18.54	ug/L	#	10
46) cyclohexane	5.085	84	98135	18.38	ug/L		99
47) isobutyl alcohol	5.200	43	97088	185.98	ug/L		96
48) 1,1-dichloropropene	5.146	75	100160	19.37	ug/L		99
49) carbon tetrachloride	5.152	117	94313	18.00	ug/L		97
50) tert-amyl alcohol	5.298	73	57872	99.56	ug/L		98
51) isopropyl acetate	5.322	87	23167	19.97	ug/L	#	87
54) n-butyl alcohol	5.730	56	326681	978.22	ug/L		98
55) 2,2,4-trimethylpentane	5.395	57	260142	18.96	ug/L		97
56) benzene	5.316	78	304574	18.69	ug/L		97
57) tert-amyl methyl ether	5.401	73	233729	19.31	ug/L		98
58) heptane	5.529	57	58864	18.99	ug/L		97
59) 1,2-dichloroethane	5.353	62	119472	16.85	ug/L		99
60) ethyl acrylate	5.882	55	160475	19.37	ug/L		98
61) trichloroethene	5.839	95	77690	18.96	ug/L		94
62) 2-chloroethyl vinyl ether	6.454	63	317814	98.64	ug/L		100
63) methyl methacrylate	6.070	100	25713	19.52	ug/L		97
64) methylcyclohexane	6.034	83	130721	18.93	ug/L		99
65) 1,2-dichloropropane	6.052	63	88918	18.66	ug/L		96
66) dibromomethane	6.119	93	48954	17.90	ug/L		91
67) bromodichloromethane	6.253	83	104593	18.81	ug/L		99
68) 2-nitropropane	6.417	41	42728	18.64	ug/L		100
69) epichlorohydrin	6.496	57	95155	94.51	ug/L		100
70) cis-1,3-dichloropropene	6.588	75	135454	19.21	ug/L		100
71) 4-methyl-2-pentanone	6.679	58	233775	80.11	ug/L		97
72) isoamyl alcohol	6.715	70	99959	399.19	ug/L		95
75) toluene	6.837	92	190126	18.12	ug/L		99
76) ethyl methacrylate	7.019	69	112569	19.49	ug/L		95
77) trans-1,3-dichloropropene	6.995	75	128522	19.57	ug/L		97
78) 1,1,2-trichloroethane	7.141	83	63368	18.11	ug/L		97
79) tetrachloroethene	7.208	164	65162	18.22	ug/L		98
80) 2-hexanone	7.275	58	255529	77.98	ug/L		100
81) 1,3-dichloropropane	7.257	76	126624	18.67	ug/L		100
82) butyl acetate	7.348	56	88200	19.31	ug/L		98
83) dibromochloromethane	7.415	129	77967	18.29	ug/L		96
84) 1,2-dibromoethane	7.500	107	79596	19.02	ug/L		97
85) n-butyl ether	7.853	57	386460	18.77	ug/L		99
86) chlorobenzene	7.829	112	210962	17.99	ug/L		99
87) 1,1,1,2-tetrachloroethane	7.877	131	74499	18.84	ug/L		98
88) ethylbenzene	7.877	91	371773	18.67	ug/L		99
89) m,p-xylene	7.962	106	280506	37.39	ug/L		100
90) o-xylene	8.212	91	295172	18.81	ug/L		99
91) styrene	8.224	104	232575	19.59	ug/L		98
92) butyl acrylate	8.151	55	214255	20.32	ug/L		99
93) n-amyl acetate	8.291	70	71907	19.39	ug/L		99
94) isopropylbenzene	8.437	105	354623	19.16	ug/L		99
95) bromoform	8.352	173	57664	18.85	ug/L		98
96) cis-1,4-dichloro-2-butene	8.473	88	50046	19.40	ug/L		97
99) 1,1,2,2-tetrachloroethane	8.625	83	111302	18.67	ug/L		95
100) trans-1,4-dichloro-2-b...	8.650	53	45395	17.96	ug/L		96
101) 1,2,3-trichloropropane	8.668	110	35701	19.27	ug/L		92
102) bromobenzene	8.656	156	90461	18.69	ug/L		96
103) n-propylbenzene	8.698	91	426396	18.50	ug/L		97
104) 2-chlorotoluene	8.765	126	80724	18.42	ug/L		99
105) 4-chlorotoluene	8.832	91	251223	18.60	ug/L		99
106) 1,3,5-trimethylbenzene	8.802	105	290048	19.07	ug/L		100
107) tert-butylbenzene	8.997	119	246227	18.62	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03345.D
Acq On : 10 May 2023 3:00 am
Operator : PrashanS
Sample : IC0111-20
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 11 12:19:59 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:19:51 2023
Response via : Initial Calibration

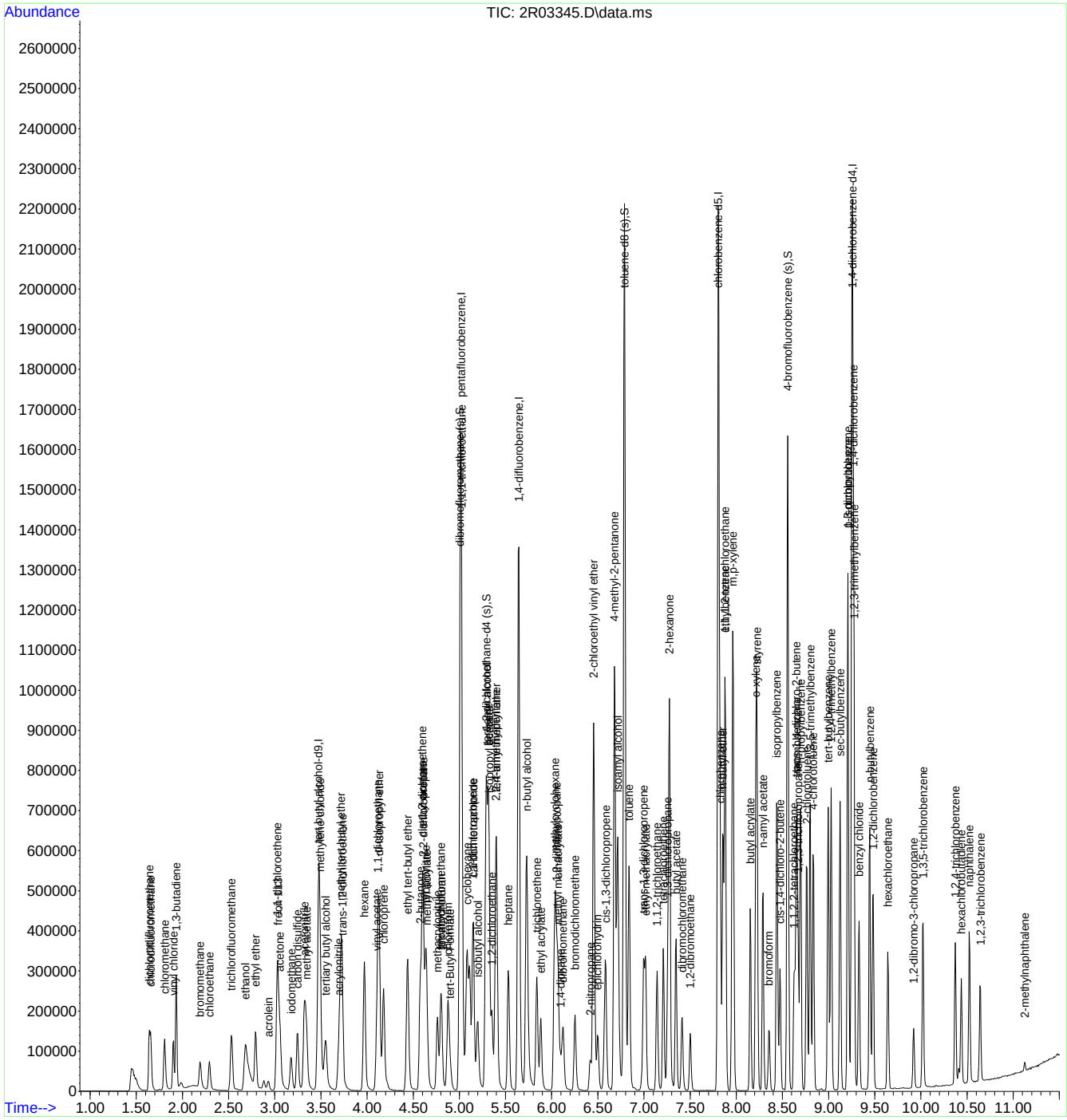
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2,4-trimethylbenzene	9.027	105	298438	19.13	ug/L	99
109) sec-butylbenzene	9.124	105	362050	18.92	ug/L	100
110) p-isopropyltoluene	9.210	119	301454	19.52	ug/L	99
111) 1,2,3-trimethylbenzene	9.276	105	288580	18.24	ug/L	99
112) 1,3-dichlorobenzene	9.210	146	163836	18.38	ug/L	99
113) 1,4-dichlorobenzene	9.270	146	159161	17.99	ug/L	98
114) 1,2-dichlorobenzene	9.483	146	158888	18.95	ug/L	98
115) benzyl chloride	9.331	91	220544	19.41	ug/L	98
116) n-butylbenzene	9.447	92	143327	19.78	ug/L	99
117) hexachloroethane	9.641	201	35934	19.19	ug/L	94
118) 1,2-dibromo-3-chloropr...	9.921	157	29022	19.77	ug/L	97
119) 1,3,5-trichlorobenzene	10.025	180	102043	18.87	ug/L	97
120) 1,2,4-trichlorobenzene	10.371	180	79379	19.37	ug/L	95
121) hexachlorobutadiene	10.438	225	34142	18.32	ug/L	97
122) naphthalene	10.524	128	211523	20.12	ug/L	98
123) 1,2,3-trichlorobenzene	10.645	180	56130	18.29	ug/L	98
124) 2-methylnaphthalene	11.126	142	7369	8.78	ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03345.D
Acq On : 10 May 2023 3:00 am
Operator : PrashanS
Sample : IC0111-20
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 11 12:19:59 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:19:51 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03347.D
Acq On : 10 May 2023 3:41 am
Operator : PrashanS
Sample : ICC0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:53:50 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:53:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.479	65	555735	500.00	ug/L	0.00
5) pentafluorobenzene	5.018	168	686336	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	995798	50.00	ug/L	0.00
73) chlorobenzene-d5	7.804	117	905462	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.252	152	429031	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.006	113	289100	50.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	347135	50.00	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.00%			
74) toluene-d8 (s)	6.788	98	1200489	50.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%			
98) 4-bromofluorobenzene (s)	8.559	174	354966	50.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) ethanol	2.694	45	564010	5000.00	ug/L	100
3) tertiary butyl alcohol	3.558	59	392516	250.00	ug/L	100
4) 1,4-dioxane	6.101	88	120747	1250.00	ug/L	100
6) chlorodifluoromethane	1.660	51	301961	50.00	ug/L	100
7) dichlorodifluoromethane	1.642	85	244683	50.00	ug/L	100
8) chloromethane	1.812	50	293506	50.00	ug/L	100
9) vinyl chloride	1.903	62	249771	49.99	ug/L	100
10) 1,3-butadiene	1.934	54	225274	50.00	ug/L	100
11) bromomethane	2.189	94	97438	50.00	ug/L	100
12) chloroethane	2.293	64	142724	50.00	ug/L	100
13) trichlorofluoromethane	2.536	101	292288	50.00	ug/L	100
14) ethyl ether	2.798	74	118611	50.00	ug/L	100
15) acrolein	2.931	56	50984	50.00	ug/L	100
16) freon 113	3.035	151	151059	50.00	ug/L	100
17) 1,1-dichloroethene	3.029	96	146990	50.00	ug/L	100
18) acetone	3.059	58	145796	200.00	ug/L	100
19) acetonitrile	3.327	41	657972	500.00	ug/L	100
20) iodomethane	3.181	142	268509	50.00	ug/L	100
21) carbon disulfide	3.248	76	505793	50.00	ug/L	100
22) methylene chloride	3.491	84	186432	50.00	ug/L	100
23) methyl acetate	3.351	74	56282	50.00	ug/L	100
24) methyl tert butyl ether	3.716	73	671312	50.00	ug/L	100
25) trans-1,2-dichloroethene	3.734	96	176287	50.00	ug/L	100
26) hexane	3.972	56	203558	50.00	ug/L	100
27) di-isopropyl ether	4.130	45	879325	50.00	ug/L	100
28) 2-butanone	4.580	72	170090	200.32	ug/L	100
29) 1,1-dichloroethane	4.118	63	376160	49.73	ug/L	100
30) chloroprene	4.185	53	400301	50.00	ug/L	100
31) acrylonitrile	3.698	53	159280	50.00	ug/L	100
32) vinyl acetate	4.106	86	31483	50.00	ug/L	100
33) ethyl tert-butyl ether	4.440	59	756326	50.00	ug/L	100
34) ethyl acetate	4.610	45	73740	50.00	ug/L	100
35) 2,2-dichloropropane	4.610	77	290450	50.00	ug/L	100
36) cis-1,2-dichloroethene	4.604	96	207615	50.00	ug/L	100
37) propionitrile	4.641	54	694946	499.61	ug/L	100
38) methyl acrylate	4.653	85	45765	50.00	ug/L	100
39) methacrylonitrile	4.763	67	134450	50.00	ug/L	100
40) bromochloromethane	4.805	128	97762	50.00	ug/L	100
41) tetrahydrofuran	4.811	42	160655	50.00	ug/L	100
42) chloroform	4.878	83	362351	50.00	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03347.D
Acq On : 10 May 2023 3:41 am
Operator : PrashanS
Sample : ICC0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:53:50 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:53:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) tert-Butyl Formate	4.896	59	100569	50.00	ug/L	100
45) 1,1,1-trichloroethane	5.024	97	308534	50.00	ug/L	100
46) cyclohexane	5.085	84	276304	50.00	ug/L	100
47) isobutyl alcohol	5.201	43	265500	549.99	ug/L	99
48) 1,1-dichloropropene	5.152	75	277963	49.75	ug/L	100
49) carbon tetrachloride	5.152	117	262610	50.00	ug/L	100
50) tert-amyl alcohol	5.298	73	154483	250.00	ug/L	100
51) isopropyl acetate	5.322	87	63911	50.00	ug/L	100
54) n-butyl alcohol	5.730	56	867252	2500.00	ug/L	100
55) 2,2,4-trimethylpentane	5.395	57	745267	50.00	ug/L	100
56) benzene	5.316	78	825224	50.00	ug/L	100
57) tert-amyl methyl ether	5.401	73	651314	49.81	ug/L	100
58) heptane	5.535	57	163606	50.00	ug/L	100
59) 1,2-dichloroethane	5.353	62	314667	50.00	ug/L	100
60) ethyl acrylate	5.882	55	445576	50.01	ug/L	100
61) trichloroethene	5.839	95	217733	50.00	ug/L	100
62) 2-chloroethyl vinyl ether	6.454	63	867485	250.00	ug/L	100
63) methyl methacrylate	6.071	100	71249	50.00	ug/L	100
64) methylcyclohexane	6.034	83	368690	50.00	ug/L	100
65) 1,2-dichloropropane	6.052	63	235704	50.00	ug/L	100
66) dibromomethane	6.125	93	129010	50.00	ug/L	100
67) bromodichloromethane	6.253	83	278811	50.00	ug/L	100
68) 2-nitropropane	6.417	41	113904	50.00	ug/L	100
69) epichlorohydrin	6.502	57	249068	250.04	ug/L	100
70) cis-1,3-dichloropropene	6.588	75	360278	50.00	ug/L	100
71) 4-methyl-2-pentanone	6.679	58	647506	200.00	ug/L	100
72) isoamyl alcohol	6.715	70	270065	1000.00	ug/L	100
75) toluene	6.837	92	523650	50.00	ug/L	100
76) ethyl methacrylate	7.020	69	311096	50.00	ug/L	100
77) trans-1,3-dichloropropene	6.995	75	344680	50.00	ug/L	100
78) 1,1,2-trichloroethane	7.141	83	171030	50.00	ug/L	100
79) tetrachloroethene	7.208	164	181266	50.00	ug/L	100
80) 2-hexanone	7.275	58	696596	200.00	ug/L	100
81) 1,3-dichloropropane	7.257	76	334840	50.00	ug/L	100
82) butyl acetate	7.348	56	240625	50.00	ug/L	100
83) dibromochloromethane	7.415	129	213428	50.00	ug/L	100
84) 1,2-dibromoethane	7.500	107	211130	50.00	ug/L	100
85) n-butyl ether	7.853	57	1063151	50.00	ug/L	100
86) chlorobenzene	7.829	112	568133	50.00	ug/L	100
87) 1,1,1,2-tetrachloroethane	7.877	131	199575	50.00	ug/L	100
88) ethylbenzene	7.877	91	1016693	50.00	ug/L	100
89) m,p-xylene	7.963	106	767014	100.00	ug/L	100
90) o-xylene	8.212	91	805908	50.00	ug/L	100
91) styrene	8.224	104	645462	50.00	ug/L	100
92) butyl acrylate	8.151	55	593082	50.00	ug/L	100
93) n-amyl acetate	8.291	70	194871	50.00	ug/L	100
94) isopropylbenzene	8.437	105	966547	50.00	ug/L	100
95) bromoform	8.352	173	158800	50.00	ug/L	100
96) cis-1,4-dichloro-2-butene	8.474	88	137557	50.00	ug/L	100
99) 1,1,2,2-tetrachloroethane	8.626	83	306098	50.00	ug/L	100
100) trans-1,4-dichloro-2-b...	8.650	53	123616	50.00	ug/L	100
101) 1,2,3-trichloropropane	8.668	110	91989	50.00	ug/L	100
102) bromobenzene	8.656	156	236329	50.00	ug/L	100
103) n-propylbenzene	8.693	91	1165542	50.13	ug/L	100
104) 2-chlorotoluene	8.766	126	218404	50.00	ug/L	100
105) 4-chlorotoluene	8.832	91	690411	50.00	ug/L	100
106) 1,3,5-trimethylbenzene	8.802	105	805168	50.00	ug/L	100
107) tert-butylbenzene	8.997	119	680211	50.00	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03347.D
Acq On : 10 May 2023 3:41 am
Operator : PrashanS
Sample : ICC0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:53:50 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:53:47 2023
Response via : Initial Calibration

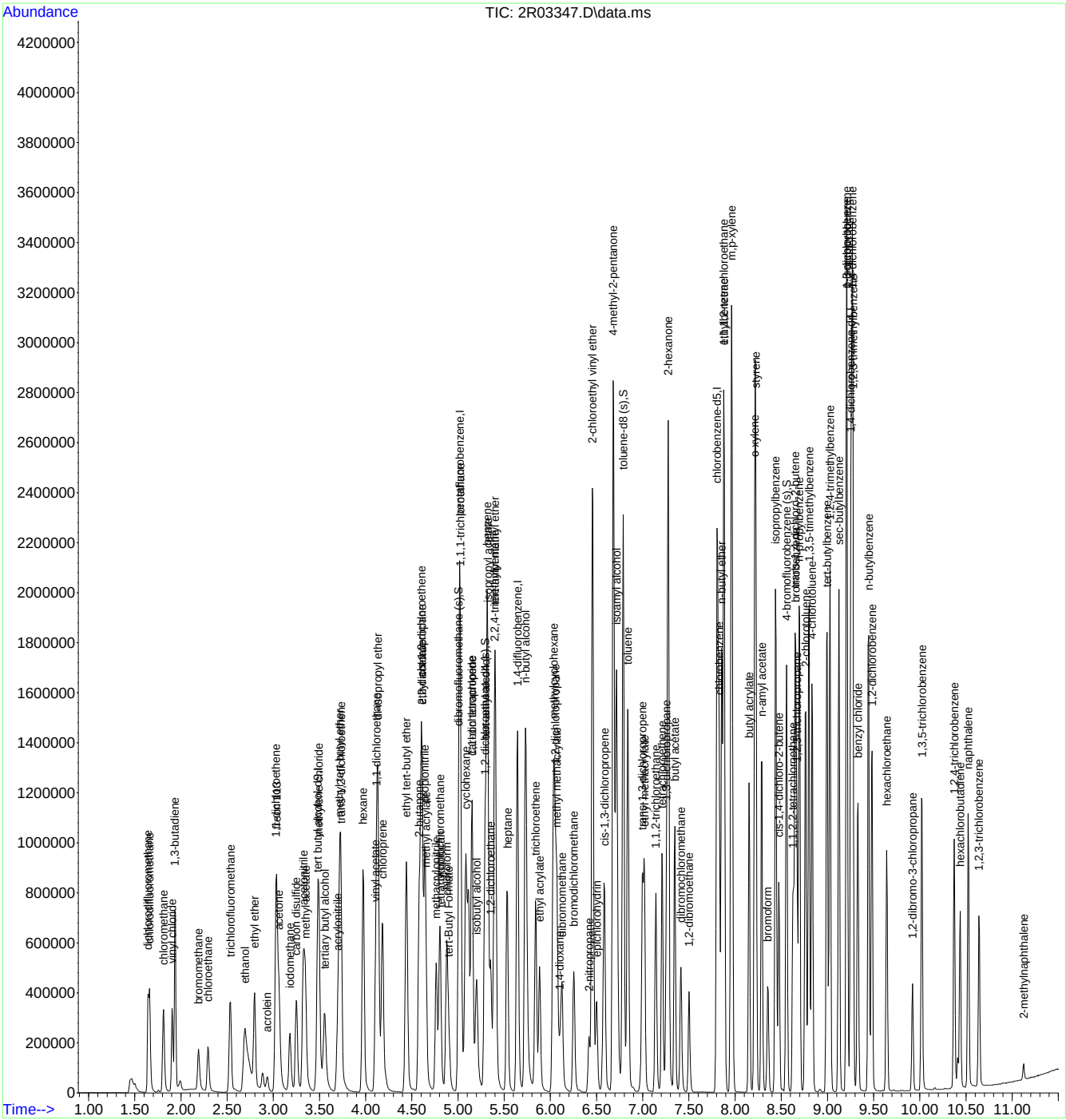
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2,4-trimethylbenzene	9.027	105	822665	50.00	ug/L	100
109) sec-butylbenzene	9.124	105	984849	49.99	ug/L	100
110) p-isopropyltoluene	9.210	119	843708	50.00	ug/L	100
111) 1,2,3-trimethylbenzene	9.277	105	792627	50.00	ug/L	100
112) 1,3-dichlorobenzene	9.210	146	451139	50.00	ug/L	100
113) 1,4-dichlorobenzene	9.270	146	442081	50.00	ug/L	100
114) 1,2-dichlorobenzene	9.483	146	425435	50.00	ug/L	100
115) benzyl chloride	9.331	91	622302	49.90	ug/L	100
116) n-butylbenzene	9.447	92	408682	50.00	ug/L	100
117) hexachloroethane	9.642	201	108871	50.00	ug/L	100
118) 1,2-dibromo-3-chloropr...	9.921	157	82790	50.00	ug/L	100
119) 1,3,5-trichlorobenzene	10.025	180	292215	50.00	ug/L	100
120) 1,2,4-trichlorobenzene	10.372	180	229810	50.00	ug/L	100
121) hexachlorobutadiene	10.439	225	97608	50.00	ug/L	100
122) naphthalene	10.524	128	615489	49.98	ug/L	100
123) 1,2,3-trichlorobenzene	10.639	180	160249	50.00	ug/L	100
124) 2-methylnaphthalene	11.126	142	21441	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\VR0111\
Data File : 2R03347.D
Acq On : 10 May 2023 3:41 am
Operator : PrashanS
Sample : ICC0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:53:50 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 11:53:47 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03349.D
Acq On : 10 May 2023 4:21 am
Operator : PrashanS
Sample : IC0111-100
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 12:20:44 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:20:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.485	65	609743	500.00	ug/L		0.00
5) pentafluorobenzene	5.018	168	742352	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	1076120	50.00	ug/L		0.00
73) chlorobenzene-d5	7.804	117	986640	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.252	152	476521	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.006	113	312245	48.50	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.00%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	386673	49.29	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 98.58%				
74) toluene-d8 (s)	6.788	98	1310066	50.77	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.54%				
98) 4-bromofluorobenzene (s)	8.559	174	390335	48.16	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.32%				
Target Compounds							Qvalue
2) ethanol	2.700	45	1030242	6915.77	ug/L		98
3) tertiary butyl alcohol	3.558	59	857253	461.61	ug/L		100
4) 1,4-dioxane	6.101	88	245494	2179.97	ug/L		98
6) chlorodifluoromethane	1.660	51	655868	92.67	ug/L		99
7) dichlorodifluoromethane	1.642	85	550049	98.31	ug/L		100
8) chloromethane	1.806	50	642412	91.40	ug/L		99
9) vinyl chloride	1.903	62	560679	99.71	ug/L		99
10) 1,3-butadiene	1.934	54	495483	100.36	ug/L		97
11) bromomethane	2.183	94	198449	83.48	ug/L		97
12) chloroethane	2.287	64	327420	100.67	ug/L		97
13) trichlorofluoromethane	2.530	101	675466	106.21	ug/L		99
14) ethyl ether	2.798	74	264366	106.23	ug/L		96
15) acrolein	2.931	56	118644	107.92	ug/L		86
16) freon 113	3.035	151	338600	101.78	ug/L		94
17) 1,1-dichloroethene	3.029	96	325693	104.62	ug/L		97
18) acetone	3.059	58	343397	452.73	ug/L		96
19) acetonitrile	3.327	41	1372266	880.86	ug/L		99
20) iodomethane	3.181	142	616566	120.39	ug/L		100
21) carbon disulfide	3.248	76	1145135	95.25	ug/L		99
22) methylene chloride	3.491	84	416374	96.65	ug/L		99
23) methyl acetate	3.345	74	132822	118.49	ug/L		99
24) methyl tert butyl ether	3.716	73	1537624	107.21	ug/L		99
25) trans-1,2-dichloroethene	3.734	96	397576	97.34	ug/L		97
26) hexane	3.972	56	450003	103.01	ug/L		97
27) di-isopropyl ether	4.130	45	1943293	103.96	ug/L		98
28) 2-butanone	4.580	72	395405	467.08	ug/L		97
29) 1,1-dichloroethane	4.118	63	834694	95.39	ug/L		99
30) chloroprene	4.178	53	893296	109.12	ug/L		98
31) acrylonitrile	3.692	53	360228	108.40	ug/L		98
32) vinyl acetate	4.106	86	83449	141.52	ug/L	#	86
33) ethyl tert-butyl ether	4.440	59	1704724	109.00	ug/L		99
34) ethyl acetate	4.604	45	158552	107.48	ug/L	#	63
35) 2,2-dichloropropane	4.610	77	657501	102.18	ug/L		99
36) cis-1,2-dichloroethene	4.604	96	461898	100.84	ug/L		99
37) propionitrile	4.641	54	1531690	994.50	ug/L		99
38) methyl acrylate	4.653	85	107229	116.76	ug/L		98
39) methacrylonitrile	4.763	67	302625	113.84	ug/L		97
40) bromochloromethane	4.805	128	215221	97.66	ug/L		96
41) tetrahydrofuran	4.811	42	325977	88.23	ug/L		99
42) chloroform	4.878	83	813487	90.68	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03349.D
Acq On : 10 May 2023 4:21 am
Operator : PrashanS
Sample : IC0111-100
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 12:20:44 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:20:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) tert-Butyl Formate	4.896	59	282975	149.97	ug/L	97
45) 1,1,1-trichloroethane	5.024	97	692903	101.40	ug/L #	71
46) cyclohexane	5.085	84	621216	103.63	ug/L	96
47) isobutyl alcohol	5.207	43	559256	954.43	ug/L	98
48) 1,1-dichloropropene	5.152	75	625557	106.94	ug/L	98
49) carbon tetrachloride	5.152	117	597183	101.65	ug/L	99
50) tert-amyl alcohol	5.304	73	338247	512.77	ug/L	97
51) isopropyl acetate	5.322	87	146758	111.44	ug/L	98
54) n-butyl alcohol	5.736	56	1810814	4806.97	ug/L	99
55) 2,2,4-trimethylpentane	5.401	57	1653803	107.19	ug/L	98
56) benzene	5.316	78	1854743	101.35	ug/L	96
57) tert-amyl methyl ether	5.401	73	1496405	109.68	ug/L	100
58) heptane	5.529	57	362813	104.02	ug/L	97
59) 1,2-dichloroethane	5.353	62	713716	90.94	ug/L	98
60) ethyl acrylate	5.882	55	1005170	107.72	ug/L	99
61) trichloroethene	5.839	95	477724	103.67	ug/L	98
62) 2-chloroethyl vinyl ether	6.460	63	1943424	533.70	ug/L	99
63) methyl methacrylate	6.071	100	167273	112.61	ug/L	97
64) methylcyclohexane	6.034	83	829790	106.84	ug/L	99
65) 1,2-dichloropropane	6.052	63	523738	97.89	ug/L	98
66) dibromomethane	6.125	93	292787	96.00	ug/L	97
67) bromodichloromethane	6.253	83	630340	100.86	ug/L	100
68) 2-nitropropane	6.417	41	262155	102.20	ug/L	98
69) epichlorohydrin	6.502	57	547357	484.01	ug/L	99
70) cis-1,3-dichloropropene	6.588	75	816330	102.75	ug/L	99
71) 4-methyl-2-pentanone	6.685	58	1456049	440.63	ug/L	96
72) isoamyl alcohol	6.721	70	590082	2082.20	ug/L	93
75) toluene	6.837	92	1178037	101.69	ug/L	100
76) ethyl methacrylate	7.020	69	709022	110.24	ug/L	99
77) trans-1,3-dichloropropene	6.995	75	787618	107.67	ug/L	98
78) 1,1,2-trichloroethane	7.141	83	382797	99.27	ug/L	97
79) tetrachloroethene	7.208	164	412565	104.45	ug/L	95
80) 2-hexanone	7.275	58	1539382	421.87	ug/L	100
81) 1,3-dichloropropane	7.257	76	758641	101.00	ug/L	97
82) butyl acetate	7.348	56	540407	106.38	ug/L	98
83) dibromochloromethane	7.415	129	489760	103.98	ug/L	99
84) 1,2-dibromoethane	7.500	107	478244	102.93	ug/L	98
85) n-butyl ether	7.853	57	2361354	103.48	ug/L	100
86) chlorobenzene	7.829	112	1280782	99.04	ug/L	99
87) 1,1,1,2-tetrachloroethane	7.877	131	451686	103.01	ug/L	99
88) ethylbenzene	7.877	91	2321423	105.25	ug/L	99
89) m,p-xylene	7.962	106	1725602	207.60	ug/L	98
90) o-xylene	8.212	91	1811294	104.10	ug/L	98
91) styrene	8.224	104	1446295	109.32	ug/L	99
92) butyl acrylate	8.151	55	1326147	112.39	ug/L	99
93) n-amyl acetate	8.291	70	437001	105.96	ug/L	96
94) isopropylbenzene	8.437	105	2191303	106.57	ug/L	99
95) bromoform	8.358	173	376766	111.06	ug/L	97
96) cis-1,4-dichloro-2-butene	8.474	88	316501	110.31	ug/L	98
99) 1,1,2,2-tetrachloroethane	8.626	83	704720	103.45	ug/L	98
100) trans-1,4-dichloro-2-b...	8.650	53	280622	97.78	ug/L	95
101) 1,2,3-trichloropropane	8.668	110	208226	97.99	ug/L	96
102) bromobenzene	8.656	156	541162	97.84	ug/L	97
103) n-propylbenzene	8.699	91	2602383	98.90	ug/L	98
104) 2-chlorotoluene	8.766	126	486024	97.18	ug/L	97
105) 4-chlorotoluene	8.832	91	1558059	100.99	ug/L	100
106) 1,3,5-trimethylbenzene	8.802	105	1798407	103.18	ug/L	99
107) tert-butylbenzene	8.997	119	1511474	100.03	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03349.D
Acq On : 10 May 2023 4:21 am
Operator : PrashanS
Sample : IC0111-100
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 12:20:44 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:20:33 2023
Response via : Initial Calibration

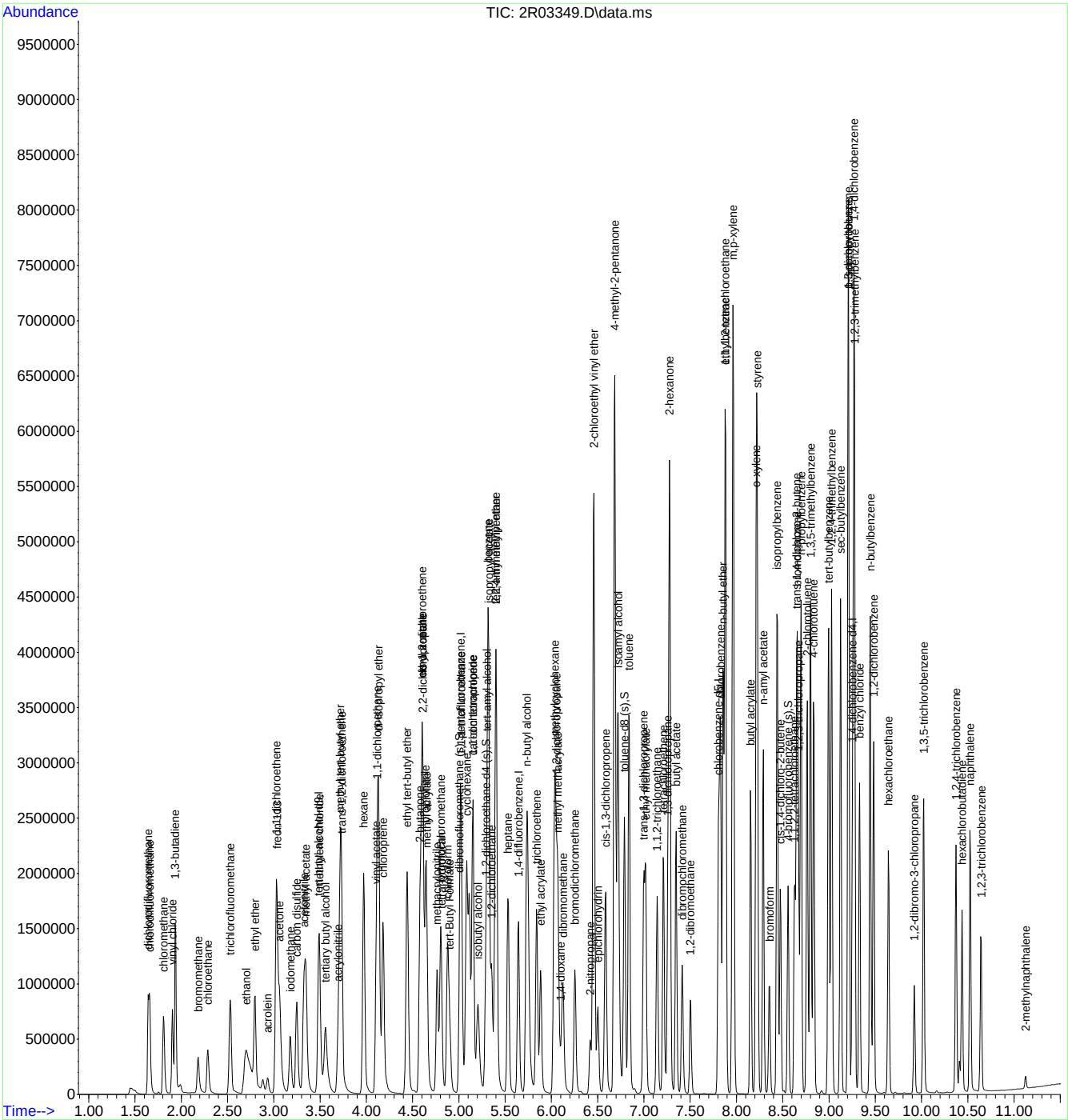
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2,4-trimethylbenzene	9.027	105	1859553	104.01	ug/L	99
109) sec-butylbenzene	9.124	105	2225417	101.63	ug/L	100
110) p-isopropyltoluene	9.210	119	1922208	108.33	ug/L	100
111) 1,2,3-trimethylbenzene	9.277	105	1823868	101.13	ug/L	100
112) 1,3-dichlorobenzene	9.210	146	1043282	102.58	ug/L	99
113) 1,4-dichlorobenzene	9.270	146	1008202	100.31	ug/L	98
114) 1,2-dichlorobenzene	9.483	146	980312	102.14	ug/L	99
115) benzyl chloride	9.331	91	1447277	110.96	ug/L	99
116) n-butylbenzene	9.447	92	933270	111.92	ug/L	99
117) hexachloroethane	9.642	201	257752	120.13	ug/L	97
118) 1,2-dibromo-3-chloropr...	9.921	157	190526	112.80	ug/L	98
119) 1,3,5-trichlorobenzene	10.025	180	652486	105.45	ug/L	99
120) 1,2,4-trichlorobenzene	10.372	180	511910	108.83	ug/L	99
121) hexachlorobutadiene	10.438	225	221036	104.00	ug/L	97
122) naphthalene	10.524	128	1379800	113.82	ug/L	99
123) 1,2,3-trichlorobenzene	10.645	180	335476	95.90	ug/L	97
124) 2-methylnaphthalene	11.126	142	38849	40.98	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03349.D
Acq On : 10 May 2023 4:21 am
Operator : PrashanS
Sample : IC0111-100
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 12:20:44 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:20:33 2023
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/12/23 11:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 12:32:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:23:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.491	65	672798	500.00	ug/L		0.01
5) pentafluorobenzene	5.018	168	784007	50.00	ug/L	#	0.00
52) 1,4-difluorobenzene	5.645	114	1143041	50.00	ug/L		0.00
73) chlorobenzene-d5	7.804	117	1027827	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.258	152	504740	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.006	113	330451	48.76	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.52%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	404234	48.59	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 97.18%				
74) toluene-d8 (s)	6.788	98	1410912	52.40	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.80%				
98) 4-bromofluorobenzene (s)	8.559	174	407479	47.66	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.32%				
Target Compounds							Qvalue
3) tertiary butyl alcohol	3.564	59	1770350	873.53	ug/L		99
4) 1,4-dioxane	6.107	88	534868	4384.63	ug/L		98
6) chlorodifluoromethane	1.660	51	1283002	173.06	ug/L		98
7) dichlorodifluoromethane	1.642	85	1093846	185.46	ug/L		100
8) chloromethane	1.806	50	1252764	170.60	ug/L		100
9) vinyl chloride	1.903	62	1119690	188.60	ug/L		98
10) 1,3-butadiene	1.940	54	982999	188.44	ug/L		95
12) chloroethane	2.274	64	596732	173.57	ug/L		98
13) trichlorofluoromethane	2.524	101	1361639	201.34	ug/L		100
14) ethyl ether	2.791	74	533428	201.56	ug/L	#	78
15) acrolein	2.931	56	240533	204.84	ug/L		92
16) freon 113	3.029	151	680036m	193.17	ug/L		
17) 1,1-dichloroethene	3.023	96	669752	202.67	ug/L		97
18) acetone	3.065	58	696884	855.85	ug/L		98
19) acetonitrile	3.333	41	2717619	1676.73	ug/L		100
20) iodomethane	3.175	142	1237626	223.13	ug/L		99
21) carbon disulfide	3.242	76	2365448	187.28	ug/L		99
22) methylene chloride	3.485	84	837890	184.85	ug/L		99
23) methyl acetate	3.345	74	294663	242.50	ug/L		99
24) methyl tert butyl ether	3.716	73	3146190	206.06	ug/L		97
25) trans-1,2-dichloroethene	3.728	96	817712	190.12	ug/L		98
26) hexane	3.972	56	908225	196.20	ug/L		98
27) di-isopropyl ether	4.130	45	3889005	196.13	ug/L		99
28) 2-butanone	4.586	72	803163	877.32	ug/L		98
29) 1,1-dichloroethane	4.118	63	1707886	185.76	ug/L		99
30) chloroprene	4.178	53	1810698	207.07	ug/L		99
31) acrylonitrile	3.698	53	716541	202.04	ug/L		97
32) vinyl acetate	4.105	86	142200	213.57	ug/L	#	90
33) ethyl tert-butyl ether	4.440	59	3493624	209.42	ug/L		99
34) ethyl acetate	4.610	45	321279	203.67	ug/L	#	62
35) 2,2-dichloropropane	4.610	77	1347226	197.76	ug/L		99
36) cis-1,2-dichloroethene	4.604	96	948490	195.89	ug/L		99
37) propionitrile	4.647	54	3043924	1872.50	ug/L		73
38) methyl acrylate	4.653	85	218173	218.83	ug/L	#	92
39) methacrylonitrile	4.769	67	618046	216.40	ug/L		95
40) bromochloromethane	4.805	128	427219	184.10	ug/L		95
41) tetrahydrofuran	4.811	42	726617	189.41	ug/L		100
42) chloroform	4.878	83	1668842	178.22	ug/L		98
43) tert-Butyl Formate	4.896	59	539624	249.97	ug/L		95
45) 1,1,1-trichloroethane	5.024	97	1427606	197.47	ug/L	#	56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 12:32:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:23:21 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cyclohexane	5.085	84	1263974	198.75	ug/L	95
47)	isobutyl alcohol	5.219	43	1130993	1839.59	ug/L	98
48)	1,1-dichloropropene	5.152	75	1282656	206.04	ug/L	99
49)	carbon tetrachloride	5.152	117	1240211	199.52	ug/L	97
50)	tert-amyl alcohol	5.310	73	718834	1028.07	ug/L	93
51)	isopropyl acetate	5.322	87	302666	214.11	ug/L	96
54)	n-butyl alcohol	5.760	56	3839224	9648.09	ug/L	97
55)	2,2,4-trimethylpentane	5.395	57	3438786	208.17	ug/L	99
56)	benzene	5.316	78	3771375	193.72	ug/L	96
57)	tert-amyl methyl ether	5.401	73	3108760	212.24	ug/L	100
58)	heptane	5.529	57	740735	199.05	ug/L	98
59)	1,2-dichloroethane	5.353	62	1470426	178.41	ug/L	95
60)	ethyl acrylate	5.888	55	2055613	205.13	ug/L	100
61)	trichloroethene	5.839	95	1010950	205.70	ug/L	99
62)	2-chloroethyl vinyl ether	6.460	63	3922968	1006.70	ug/L	99
63)	methyl methacrylate	6.070	100	342510	213.25	ug/L	98
64)	methylcyclohexane	6.034	83	1715604	206.39	ug/L	98
65)	1,2-dichloropropane	6.052	63	1067301	188.24	ug/L	99
66)	dibromomethane	6.125	93	597446	185.35	ug/L	97
67)	bromodichloromethane	6.253	83	1307398	196.76	ug/L	99
68)	2-nitropropane	6.423	41	561887	205.58	ug/L	98
69)	epichlorohydrin	6.508	57	1064571	889.80	ug/L	98
70)	cis-1,3-dichloropropene	6.588	75	1678973	198.35	ug/L	98
71)	4-methyl-2-pentanone	6.685	58	2944635	829.57	ug/L	91
72)	isoamyl alcohol	6.727	70	1276028	4214.32	ug/L	95
75)	toluene	6.837	92	2436965	201.55	ug/L	100
76)	ethyl methacrylate	7.019	69	1430731	211.14	ug/L	100
77)	trans-1,3-dichloropropene	6.995	75	1599000	208.05	ug/L	99
78)	1,1,2-trichloroethane	7.141	83	768492	191.48	ug/L	99
79)	tetrachloroethene	7.208	164	852729	206.22	ug/L	96
80)	2-hexanone	7.281	58	3076662	804.49	ug/L	96
81)	1,3-dichloropropane	7.263	76	1522571	194.36	ug/L	99
82)	butyl acetate	7.348	56	1075774	201.86	ug/L	99
83)	dibromochloromethane	7.415	129	1003314	203.57	ug/L	99
84)	1,2-dibromoethane	7.506	107	962114	198.13	ug/L	98
85)	n-butyl ether	7.859	57	4695040	196.74	ug/L	99
86)	chlorobenzene	7.829	112	2616704	194.44	ug/L	99
87)	1,1,1,2-tetrachloroethane	7.883	131	916484	199.96	ug/L	98
88)	ethylbenzene	7.883	91	4734929	204.87	ug/L	98
89)	m,p-xylene	7.962	106	3544687	407.64	ug/L	96
90)	o-xylene	8.212	91	3689662	202.64	ug/L	97
91)	styrene	8.224	104	2953859	212.13	ug/L	97
92)	butyl acrylate	8.151	55	2675560	214.71	ug/L	99
93)	n-amyl acetate	8.291	70	905334	209.16	ug/L	95
94)	isopropylbenzene	8.443	105	4453535	206.40	ug/L	99
95)	bromoform	8.358	173	802607	224.34	ug/L	98
96)	cis-1,4-dichloro-2-butene	8.473	88	666232	220.05	ug/L	97
99)	1,1,2,2-tetrachloroethane	8.632	83	1378127	190.26	ug/L	97
100)	trans-1,4-dichloro-2-b...	8.650	53	569921	188.00	ug/L	95
101)	1,2,3-trichloropropane	8.674	110	432629	192.63	ug/L	91
102)	bromobenzene	8.656	156	1105355	189.13	ug/L	97
103)	n-propylbenzene	8.699	91	5353676	192.33	ug/L	98
104)	2-chlorotoluene	8.765	126	1009115	191.10	ug/L	96
105)	4-chlorotoluene	8.838	91	3282467	200.64	ug/L	97
106)	1,3,5-trimethylbenzene	8.802	105	3785509	204.33	ug/L	99
107)	tert-butylbenzene	8.997	119	3165096	197.75	ug/L	97
108)	1,2,4-trimethylbenzene	9.027	105	3922537	206.22	ug/L	99
109)	sec-butylbenzene	9.124	105	4678037	201.32	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 12:32:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:23:21 2023
Response via : Initial Calibration

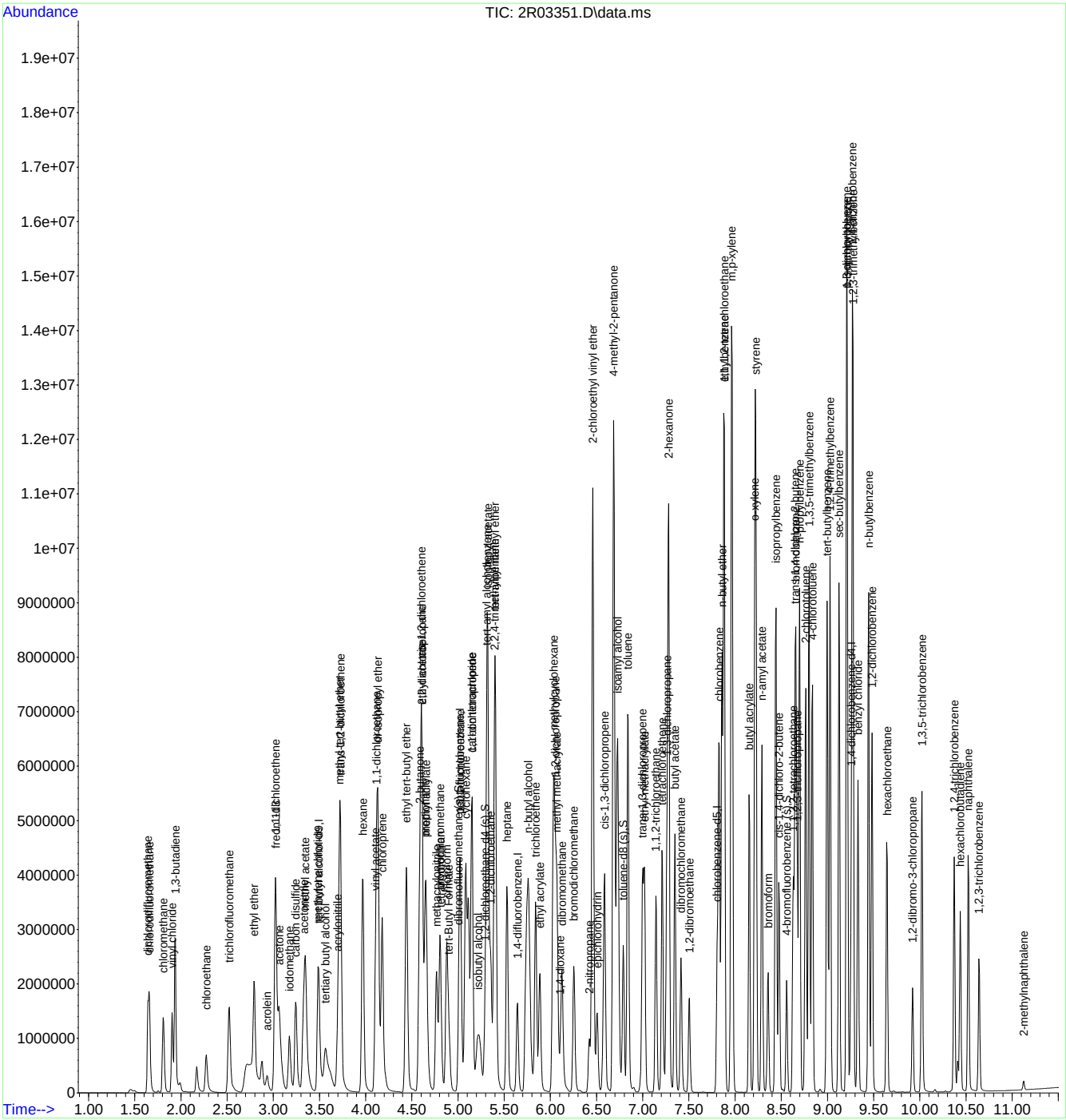
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) p-isopropyltoluene	9.210	119	4057670	213.91	ug/L	99
111) 1,2,3-trimethylbenzene	9.276	105	3799793	198.66	ug/L	100
112) 1,3-dichlorobenzene	9.210	146	2164360	200.34	ug/L	99
113) 1,4-dichlorobenzene	9.270	146	2094546	196.67	ug/L	98
114) 1,2-dichlorobenzene	9.483	146	2004630	196.73	ug/L	99
115) benzyl chloride	9.331	91	2928270	209.41	ug/L	98
116) n-butylbenzene	9.447	92	1946642	217.51	ug/L	99
117) hexachloroethane	9.648	201	559604	240.19	ug/L	94
118) 1,2-dibromo-3-chloropr...	9.921	157	389650	214.37	ug/L	98
119) 1,3,5-trichlorobenzene	10.025	180	1335922	202.61	ug/L	99
120) 1,2,4-trichlorobenzene	10.372	180	996330	198.03	ug/L	98
121) hexachlorobutadiene	10.438	225	451058	199.48	ug/L	99
122) naphthalene	10.524	128	2528792	193.96	ug/L	99
123) 1,2,3-trichlorobenzene	10.639	180	569355	154.36	ug/L	100
124) 2-methylnaphthalene	11.126	142	57680	58.97	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 12:32:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:23:21 2023
Response via : Initial Calibration



Manual Integration Approval Summary

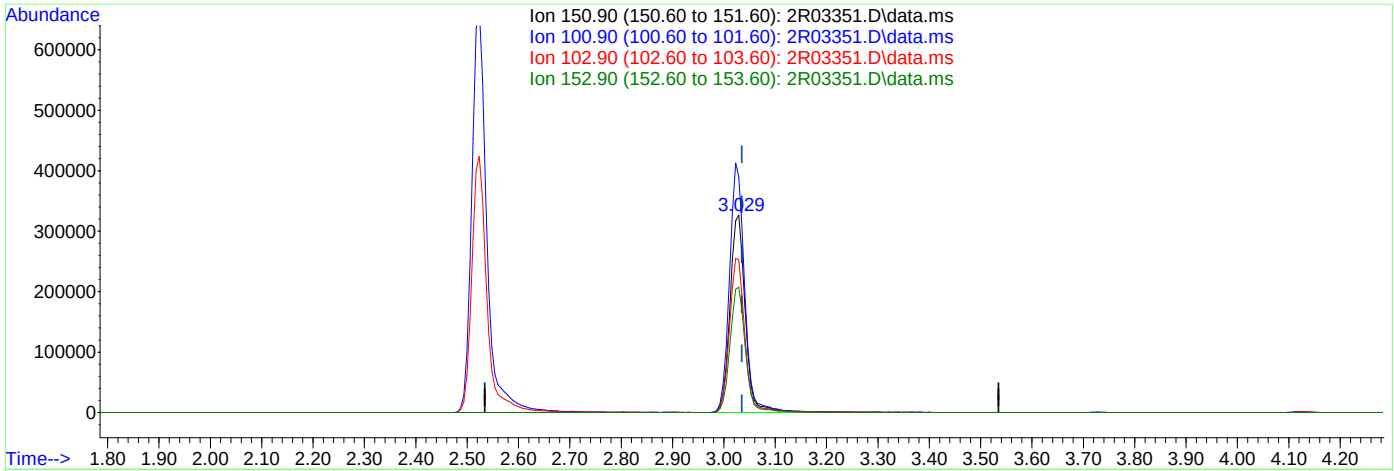
Sample Number:	V2R111-IC0111	**Method:**	SW846 8260D
Lab FileID:	2R03351.D	**Analyst approved:**	05/11/23 19:55 MoHui Huang
Injection Time:	05/10/23 05:01	**Supervisor approved:**	05/12/23 11:03 Kanya Veerawat

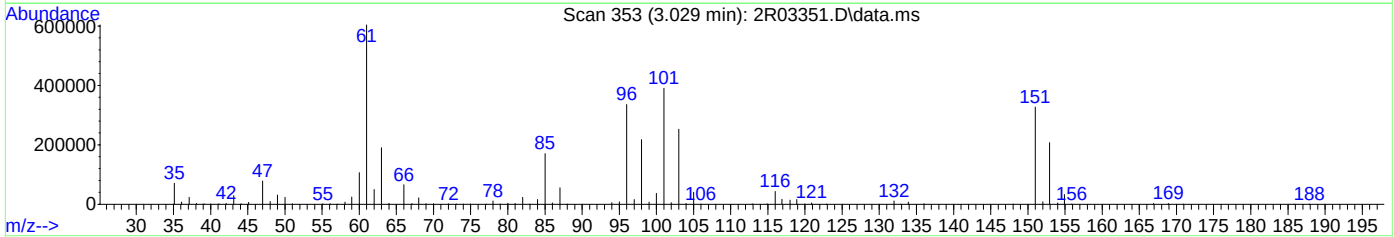
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 113	76-13-1		3.03	Missed peak

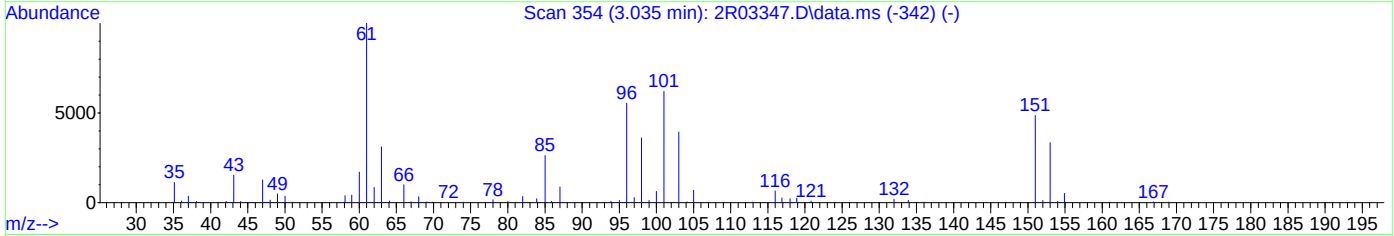
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 12:32:37 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:23:21 2023
Response via : Initial Calibration







TIC: 2R03351.D\data.ms

(16) freon 113

3.029min (-0.006) 193.17ug/L m

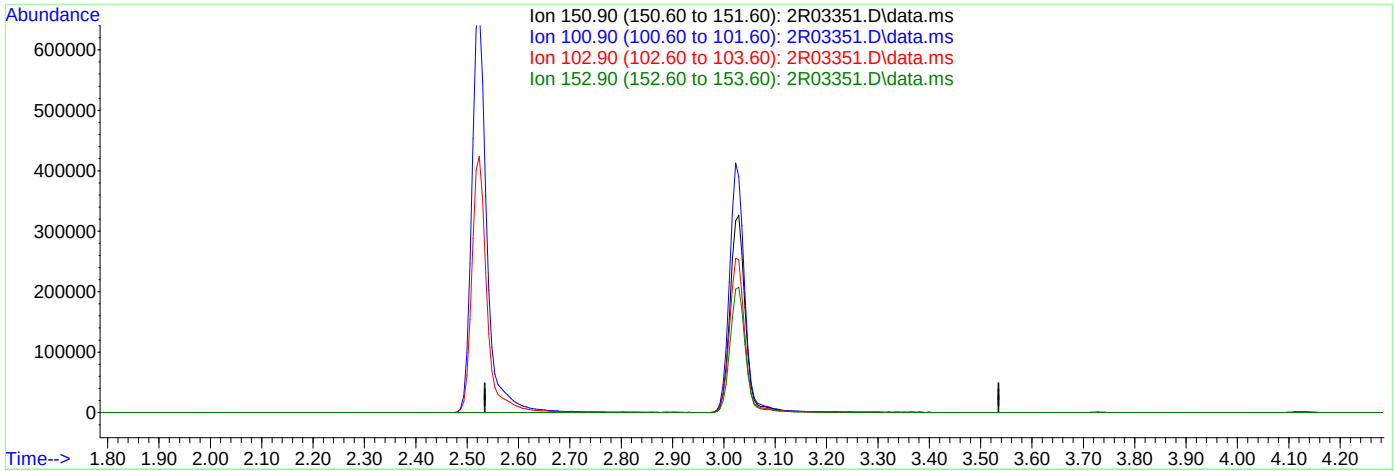
response 680036

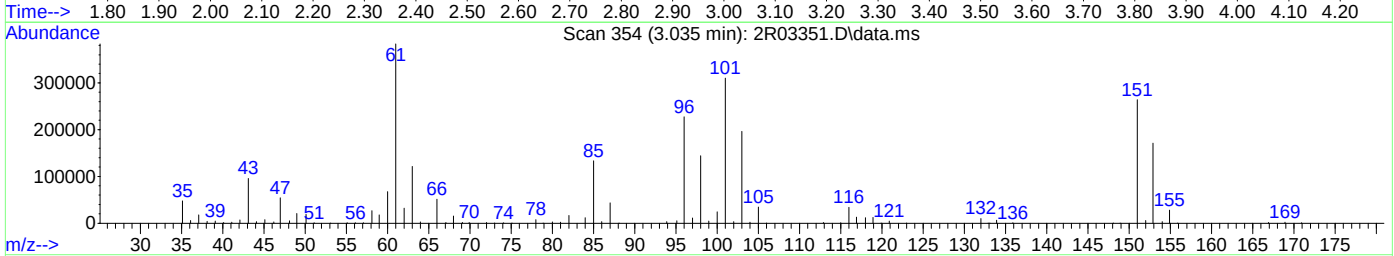
Ion	Exp%	Act%
150.90	100	100
100.90	127.70	119.43
102.90	81.10	77.36
152.90	68.60	63.42

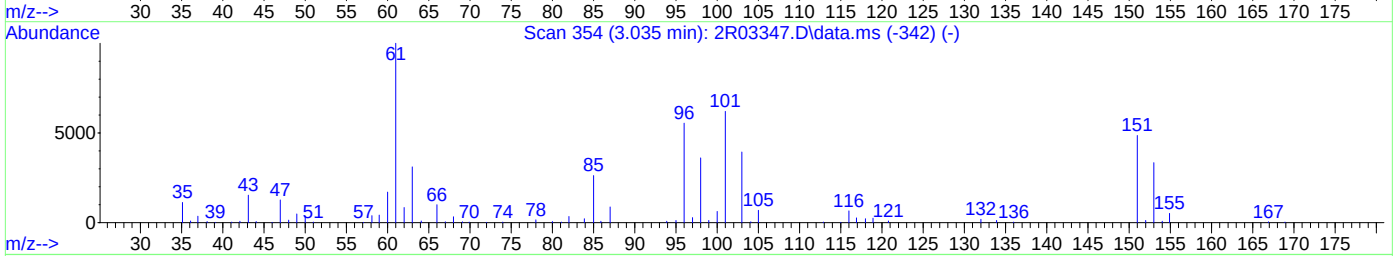
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03351.D
Acq On : 10 May 2023 5:01 am
Operator : PrashanS
Sample : IC0111-200
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 11 20:17:15 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:34:06 2023
Response via : Initial Calibration







TIC: 2R03351.D\data.ms

(16) freon 113

3.035min (-3.035) 0.00ug/L

response 0

Ion	Exp%	Act%
150.90	100	0.00
100.90	127.70	0.00#
102.90	81.10	0.00#
152.90	68.60	0.00#

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03357.D
Acq On : 10 May 2023 7:02 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 11 12:39:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.479	65	626322	500.00	ug/L		0.00
5) pentafluorobenzene	5.018	168	767278	50.00	ug/L		0.00
52) 1,4-difluorobenzene	5.645	114	1111157	50.00	ug/L		0.00
73) chlorobenzene-d5	7.804	117	996564	50.00	ug/L		0.00
97) 1,4-dichlorobenzene-d4	9.252	152	461535	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.006	113	320255	48.41	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.82%				
53) 1,2-dichloroethane-d4 (s)	5.292	65	383134	47.51	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 95.02%				
74) toluene-d8 (s)	6.788	98	1332354	50.79	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.58%				
98) 4-bromofluorobenzene (s)	8.559	174	389100	50.01	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.02%				
Target Compounds							Qvalue
2) ethanol	2.688	45	620385	4198.13	ug/L		97
3) tertiary butyl alcohol	3.552	59	379391	204.32	ug/L		99
4) 1,4-dioxane	6.101	88	135589	1212.64	ug/L		95
7) dichlorodifluoromethane	1.642	85	206878	36.10	ug/L		100
8) chloromethane	1.806	50	221413	31.32	ug/L		99
9) vinyl chloride	1.903	62	212773	36.83	ug/L		98
10) 1,3-butadiene	1.934	54	229811	45.31	ug/L		97
11) bromomethane	2.189	94	109416	45.79	ug/L		97
12) chloroethane	2.292	64	131282	39.60	ug/L		99
13) trichlorofluoromethane	2.530	101	290841	43.91	ug/L		99
14) ethyl ether	2.797	74	127647	49.25	ug/L		94
15) acrolein	2.931	56	54712	47.47	ug/L		86
16) freon 113	3.035	151	160507	46.75	ug/L		95
17) 1,1-dichloroethene	3.029	96	182951	56.49	ug/L		99
18) acetone	3.059	58	158473	197.33	ug/L		95
19) acetonitrile	3.327	41	634240	407.16	ug/L		99
20) iodomethane	3.181	142	274724	49.97	ug/L		99
21) carbon disulfide	3.248	76	544866	44.36	ug/L		99
22) methylene chloride	3.491	84	215004	48.84	ug/L		100
23) methyl acetate	3.351	74	66136	54.18	ug/L	#	77
24) methyl tert butyl ether	3.716	73	792299	52.86	ug/L		98
25) trans-1,2-dichloroethene	3.734	96	204937	48.93	ug/L		96
26) hexane	3.972	56	139697	30.90	ug/L		97
27) di-isopropyl ether	4.130	45	911965	47.09	ug/L		99
28) 2-butanone	4.580	72	197781	218.12	ug/L		98
29) 1,1-dichloroethane	4.118	63	420892	47.11	ug/L		100
30) chloroprene	4.178	53	432671	50.36	ug/L		97
31) acrylonitrile	3.692	53	175182	50.41	ug/L		99
32) vinyl acetate	4.105	86	32793	49.84	ug/L	#	84
33) ethyl tert-butyl ether	4.440	59	805357	49.10	ug/L		99
34) ethyl acetate	4.604	45	77335	49.96	ug/L	#	85
35) 2,2-dichloropropane	4.610	77	338225	50.79	ug/L		99
36) cis-1,2-dichloroethene	4.604	96	233234	49.32	ug/L		99
37) propionitrile	4.641	54	726993	459.90	ug/L		94
38) methyl acrylate	4.647	85	54113	54.72	ug/L	#	90
39) methacrylonitrile	4.762	67	144228	51.13	ug/L		94
40) bromochloromethane	4.799	128	109440	48.62	ug/L		97
41) tetrahydrofuran	4.805	42	154757	41.50	ug/L		97
42) chloroform	4.878	83	410547	45.35	ug/L		99
43) tert-Butyl Formate	4.896	59	31859	14.03	ug/L	#	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03357.D
Acq On : 10 May 2023 7:02 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 11 12:39:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,1-trichloroethane	5.024	97	354961	50.24	ug/L		97
46) cyclohexane	5.085	84	250134	40.22	ug/L		97
47) isobutyl alcohol	5.200	43	279899	469.90	ug/L		99
48) 1,1-dichloropropene	5.152	75	314359	51.44	ug/L		98
49) carbon tetrachloride	5.152	117	300924	49.48	ug/L		100
50) tert-amyl alcohol	5.298	73	173618	252.83	ug/L		98
51) isopropyl acetate	5.322	87	70628	50.61	ug/L	#	90
54) n-butyl alcohol	5.730	56	954976	2479.66	ug/L		99
55) 2,2,4-trimethylpentane	5.395	57	753768	46.75	ug/L		98
56) benzene	5.316	78	909808	48.23	ug/L		99
57) tert-amyl methyl ether	5.401	73	692389	48.33	ug/L		100
58) heptane	5.529	57	158504	43.84	ug/L		95
59) 1,2-dichloroethane	5.353	62	353437	44.65	ug/L		95
60) ethyl acrylate	5.882	55	495205	50.67	ug/L		99
61) trichloroethene	5.839	95	243127	50.74	ug/L		99
62) 2-chloroethyl vinyl ether	6.454	63	725346	191.35	ug/L		99
63) methyl methacrylate	6.070	100	98023	62.26	ug/L		93
64) methylcyclohexane	6.034	83	395341	48.77	ug/L		90
65) 1,2-dichloropropane	6.052	63	253188	46.21	ug/L		98
66) dibromomethane	6.125	93	143125	46.05	ug/L		98
67) bromodichloromethane	6.253	83	307644	47.71	ug/L		100
68) 2-nitropropane	6.417	41	128609	48.24	ug/L		98
69) epichlorohydrin	6.502	57	270406	235.38	ug/L		98
70) cis-1,3-dichloropropene	6.587	75	378797	46.07	ug/L		100
71) 4-methyl-2-pentanone	6.679	58	696297	201.05	ug/L		99
72) isoamyl alcohol	6.715	70	303797	1025.27	ug/L		93
75) toluene	6.837	92	568433	48.45	ug/L		99
76) ethyl methacrylate	7.019	69	286276	43.33	ug/L		98
77) trans-1,3-dichloropropene	6.995	75	361861	48.37	ug/L		99
78) 1,1,2-trichloroethane	7.141	83	180339	46.56	ug/L		96
79) tetrachloroethene	7.208	164	328446	81.67	ug/L		96
80) 2-hexanone	7.275	58	744210	200.59	ug/L		99
81) 1,3-dichloropropane	7.257	76	367104	48.47	ug/L		98
82) butyl acetate	7.348	56	263404	50.93	ug/L		98
83) dibromochloromethane	7.415	129	229470	47.93	ug/L		98
84) 1,2-dibromoethane	7.500	107	229961	48.89	ug/L		100
85) n-butyl ether	7.853	57	1171529	50.71	ug/L		99
86) chlorobenzene	7.829	112	608389	46.76	ug/L		99
87) 1,1,1,2-tetrachloroethane	7.877	131	221176	49.77	ug/L		98
88) ethylbenzene	7.877	91	1101102	49.02	ug/L		100
89) m,p-xylene	7.962	106	830442	98.31	ug/L		98
90) o-xylene	8.212	91	873233	49.40	ug/L		99
91) styrene	8.224	104	590804	43.50	ug/L		98
92) butyl acrylate	8.151	55	650665	53.46	ug/L		99
93) n-amyl acetate	8.291	70	211868	50.23	ug/L		92
94) isopropylbenzene	8.437	105	1061698	50.59	ug/L		99
95) bromoform	8.352	173	174742	49.77	ug/L		100
96) cis-1,4-dichloro-2-butene	8.473	88	146975	49.52	ug/L		97
99) 1,1,2,2-tetrachloroethane	8.625	83	315721	47.90	ug/L		97
100) trans-1,4-dichloro-2-b...	8.650	53	145007	52.66	ug/L		94
101) 1,2,3-trichloropropane	8.668	110	100994	49.36	ug/L		98
102) bromobenzene	8.656	156	260557	49.02	ug/L		98
103) n-propylbenzene	8.698	91	1253863	49.45	ug/L		98
104) 2-chlorotoluene	8.765	126	236298	49.16	ug/L		94
105) 4-chlorotoluene	8.832	91	745904	49.85	ug/L		99
106) 1,3,5-trimethylbenzene	8.802	105	856399	50.44	ug/L		100
107) tert-butylbenzene	8.997	119	729154	49.88	ug/L		96
108) 1,2,4-trimethylbenzene	9.027	105	866655	49.67	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03357.D
Acq On : 10 May 2023 7:02 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 11 12:39:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration

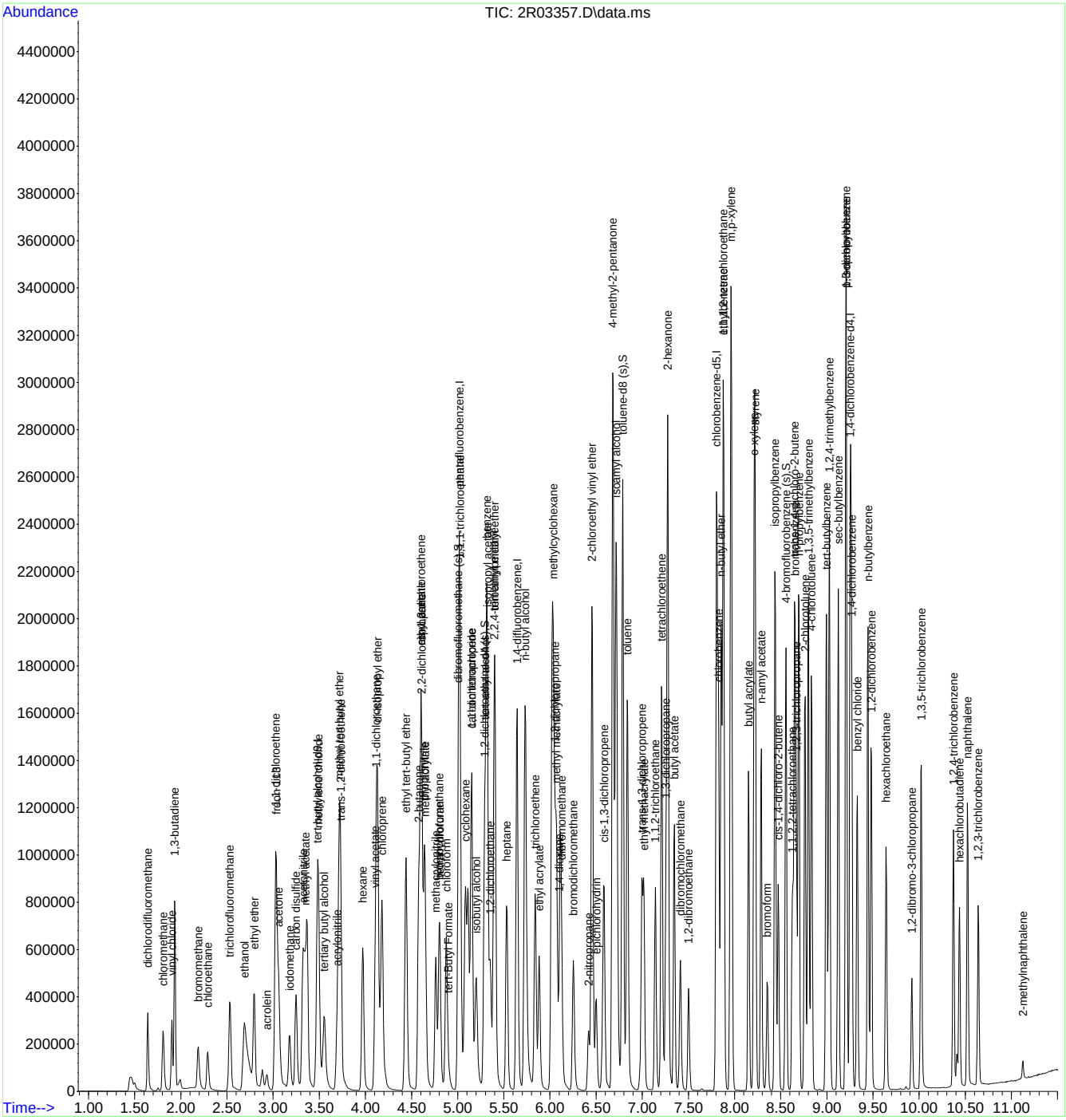
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) sec-butylbenzene	9.124	105	1046175	49.20	ug/L	100
110) p-isopropyltoluene	9.210	119	896302	51.32	ug/L	99
112) 1,3-dichlorobenzene	9.210	146	484279	49.01	ug/L	98
113) 1,4-dichlorobenzene	9.270	146	490948	50.51	ug/L	98
114) 1,2-dichlorobenzene	9.483	146	453417	48.74	ug/L	99
115) benzyl chloride	9.331	91	659156	51.31	ug/L	100
116) n-butylbenzene	9.447	92	426868	51.71	ug/L	99
117) hexachloroethane	9.641	201	113517	52.12	ug/L	96
118) 1,2-dibromo-3-chloropr...	9.921	157	91687	54.73	ug/L	99
119) 1,3,5-trichlorobenzene	10.025	180	323181	53.53	ug/L	99
120) 1,2,4-trichlorobenzene	10.371	180	244637	53.23	ug/L	99
121) hexachlorobutadiene	10.438	225	103956	50.29	ug/L	97
122) naphthalene	10.524	128	683691	57.52	ug/L	99
123) 1,2,3-trichlorobenzene	10.639	180	173058	52.51	ug/L	98
124) 2-methylnaphthalene	11.126	142	25303	29.82	ug/L	91

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03357.D
Acq On : 10 May 2023 7:02 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 11 12:39:20 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03359.D
Acq On : 10 May 2023 7:42 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 12:43:27 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration

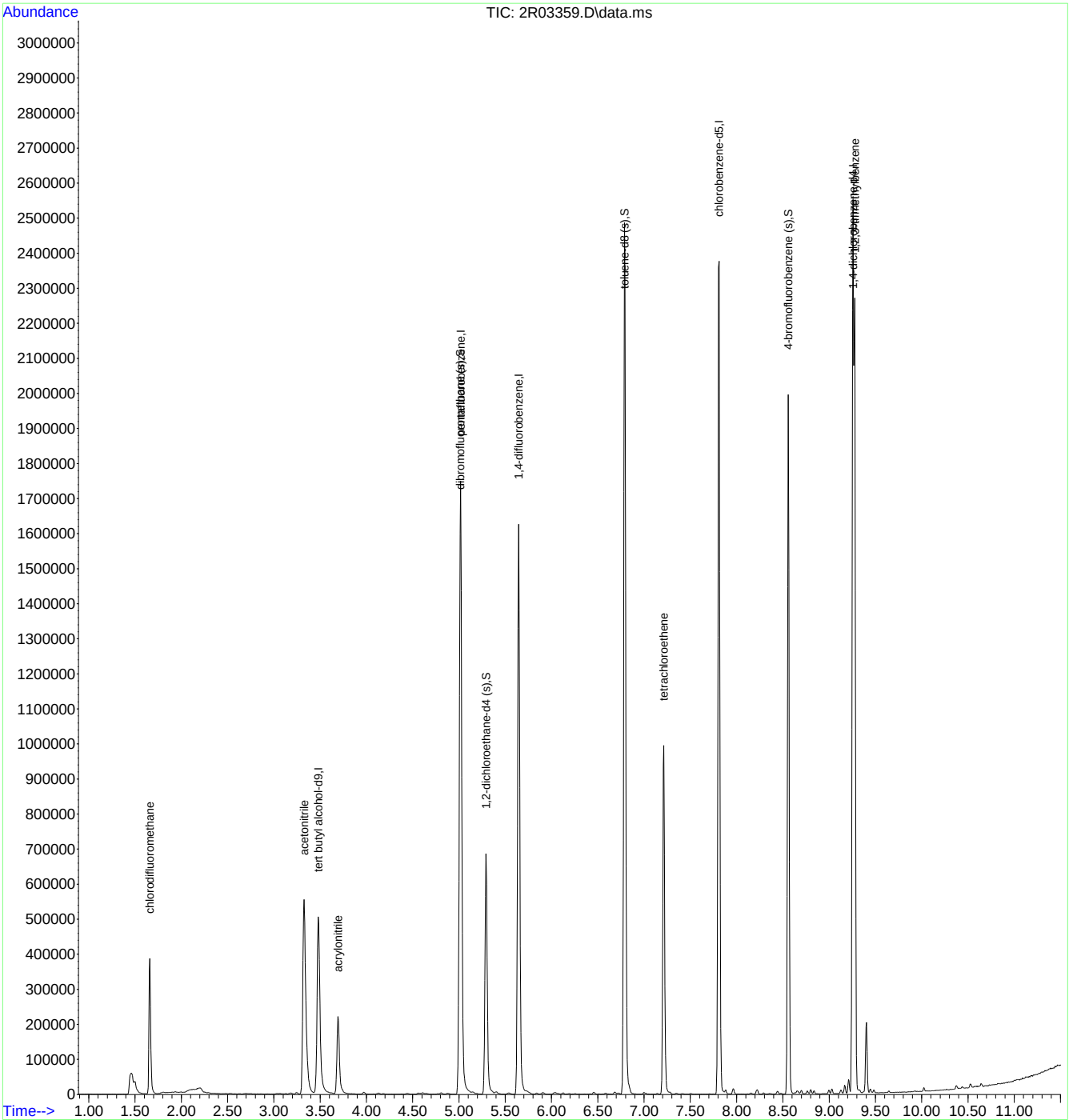
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.479	65	588060	500.00	ug/L	0.00
5) pentafluorobenzene	5.018	168	772682	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	1103780	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1017094	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	478286	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	334896	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.54%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	410920	51.29	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 102.58%			
74) toluene-d8 (s)	6.788	98	1347592	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			
98) 4-bromofluorobenzene (s)	8.559	174	407232	50.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.660	51	354064	49.12	ug/L	97
19) acetonitrile	3.327	41	691258	440.66	ug/L	99
31) acrylonitrile	3.692	53	167038	47.73	ug/L	95
79) tetrachloroethene	7.214	164	186239	45.37	ug/L	94
111) 1,2,3-trimethylbenzene	9.277	105	874512	48.28	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03359.D
Acq On : 10 May 2023 7:42 am
Operator : PrashanS
Sample : ICV0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 12:43:27 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03364.D
Acq On : 11 May 2023 4:14 pm
Operator : PrashanS
Sample : icv0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 11 16:51:22 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration

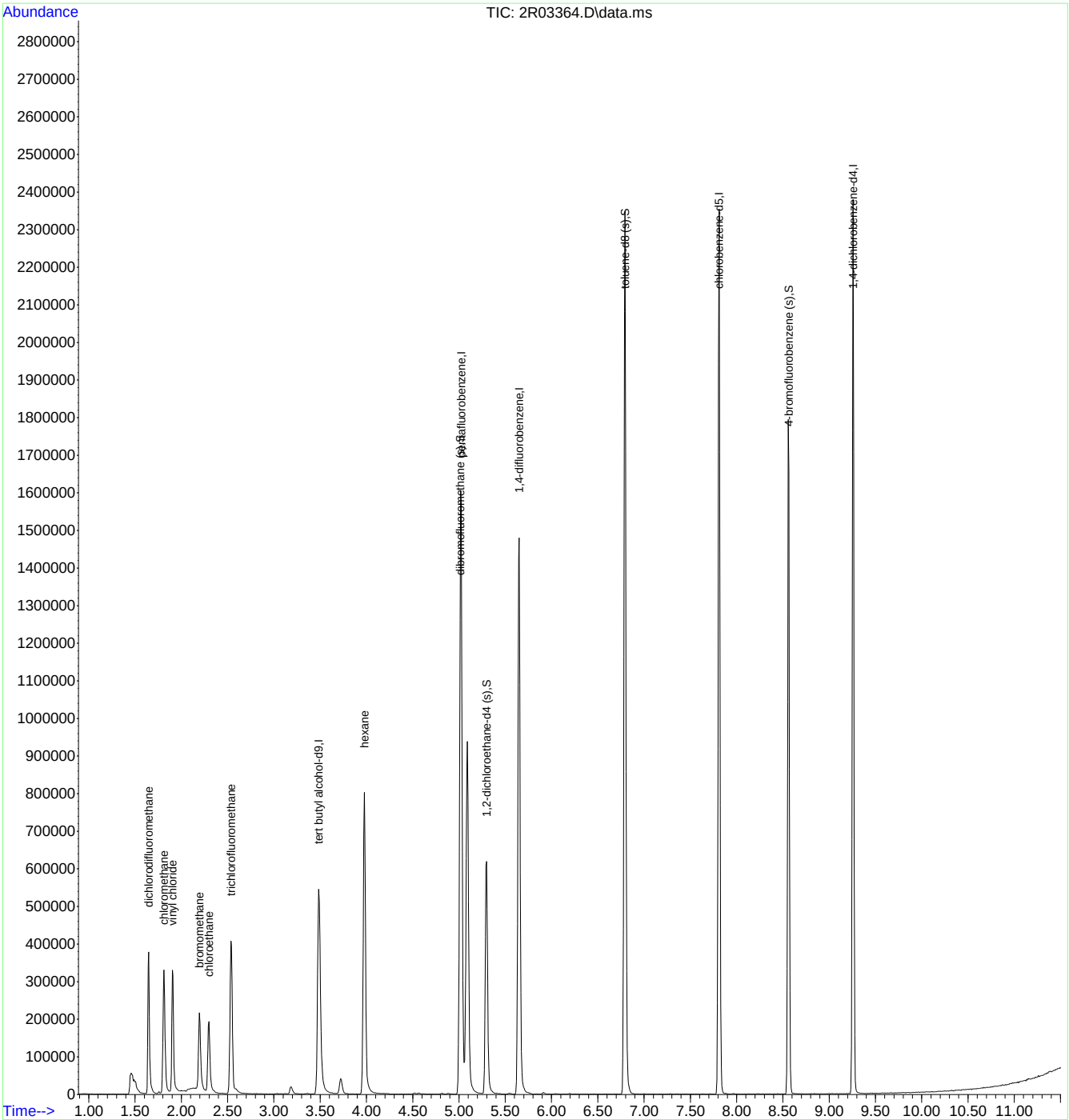
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	647059	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	730523	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1032878	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	944996	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	445966	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	310262	49.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.52%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	388265	51.79	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 103.58%			
74) toluene-d8 (s)	6.794	98	1236921	49.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.44%			
98) 4-bromofluorobenzene (s)	8.565	174	383985	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			
Target Compounds						Qvalue
7) dichlorodifluoromethane	1.648	85	254234	46.60	ug/L	99
8) chloromethane	1.812	50	294121	43.70	ug/L	100
9) vinyl chloride	1.903	62	262063	47.65	ug/L	100
11) bromomethane	2.195	94	123847	54.44	ug/L	99
12) chloroethane	2.299	64	153455	48.62	ug/L	99
13) trichlorofluoromethane	2.536	101	314772	49.92	ug/L	99
26) hexane	3.978	56	178127	41.38	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\Initials\VR0111\
Data File : 2R03364.D
Acq On : 11 May 2023 4:14 pm
Operator : PrashanS
Sample : icv0111-50
Misc : MS68225,V2R0111,5,,,,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 11 16:51:22 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Thu May 11 12:29:51 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03443.D
Acq On : 15 May 2023 6:04 pm
Operator : BridgetK
Sample : ic115-1
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 09:24:43 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

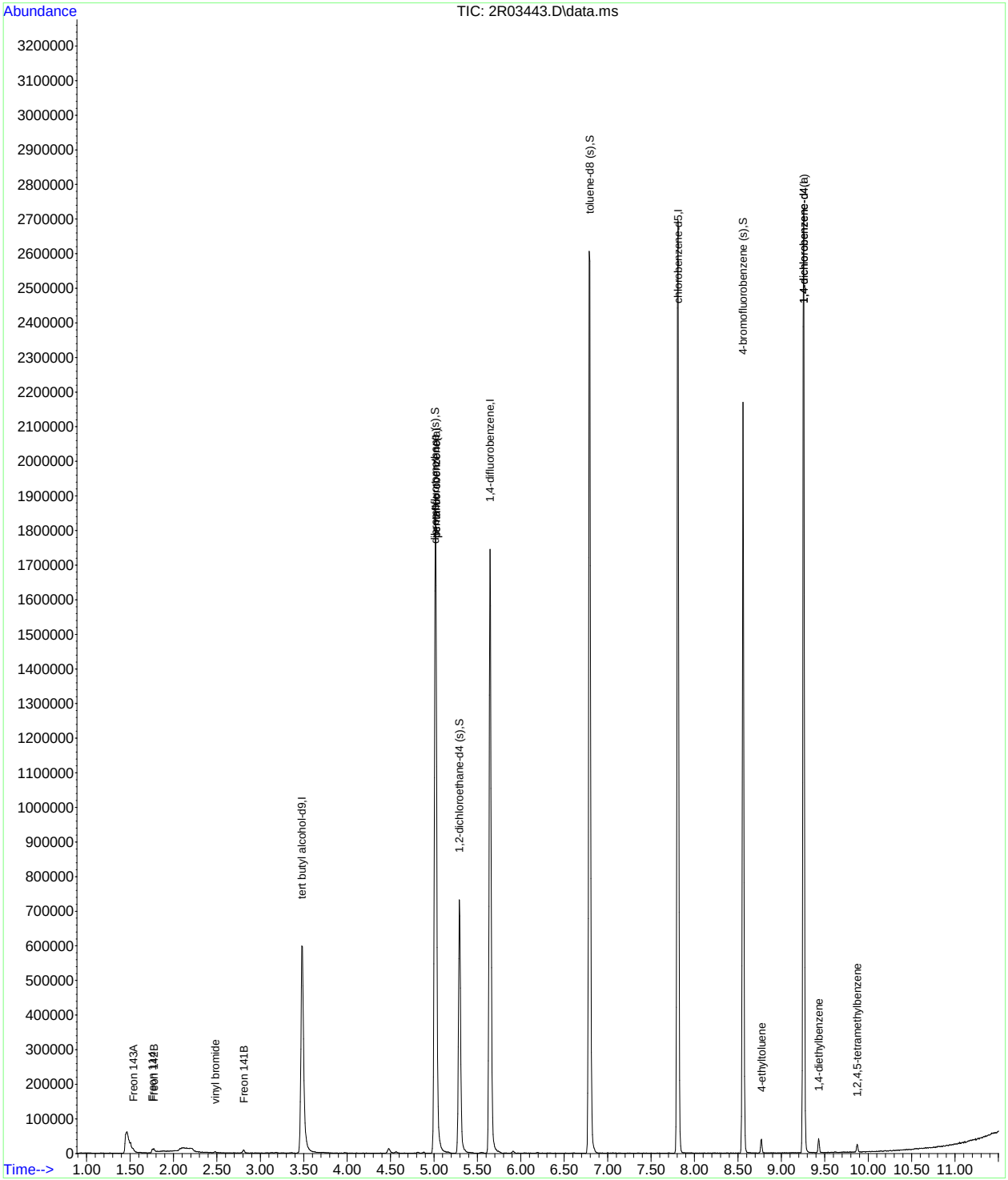
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.479	65	721003	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	840735	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	1195950	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1106711	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	521833	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	840735	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	521833	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	365196	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	440020	49.20	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 98.40%			
74) toluene-d8 (s)	6.794	98	1443579	50.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.82%			
98) 4-bromofluorobenzene (s)	8.559	174	447323	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	3910	0.83	ug/L	92
127) Freon 114	1.757	135	3027	0.81	ug/L	97
128) Freon 142B	1.775	65	5604	0.80	ug/L	97
129) vinyl bromide	2.481	106	2030	0.78	ug/L	85
130) Freon 141B	2.810	81	6258	0.78	ug/L	91
132) 4-ethyltoluene	8.772	105	19201	0.80	ug/L	98
133) 1,4-diethylbenzene	9.429	119	9667	0.91	ug/L	95
134) 1,2,4,5-tetramethylben...	9.873	119	9122	0.73	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03443.D
Acq On : 15 May 2023 6:04 pm
Operator : BridgetK
Sample : ic115-1
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 09:24:43 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03444.D
Acq On : 15 May 2023 6:29 pm
Operator : BridgetK
Sample : ic115-2
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 09:25:31 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

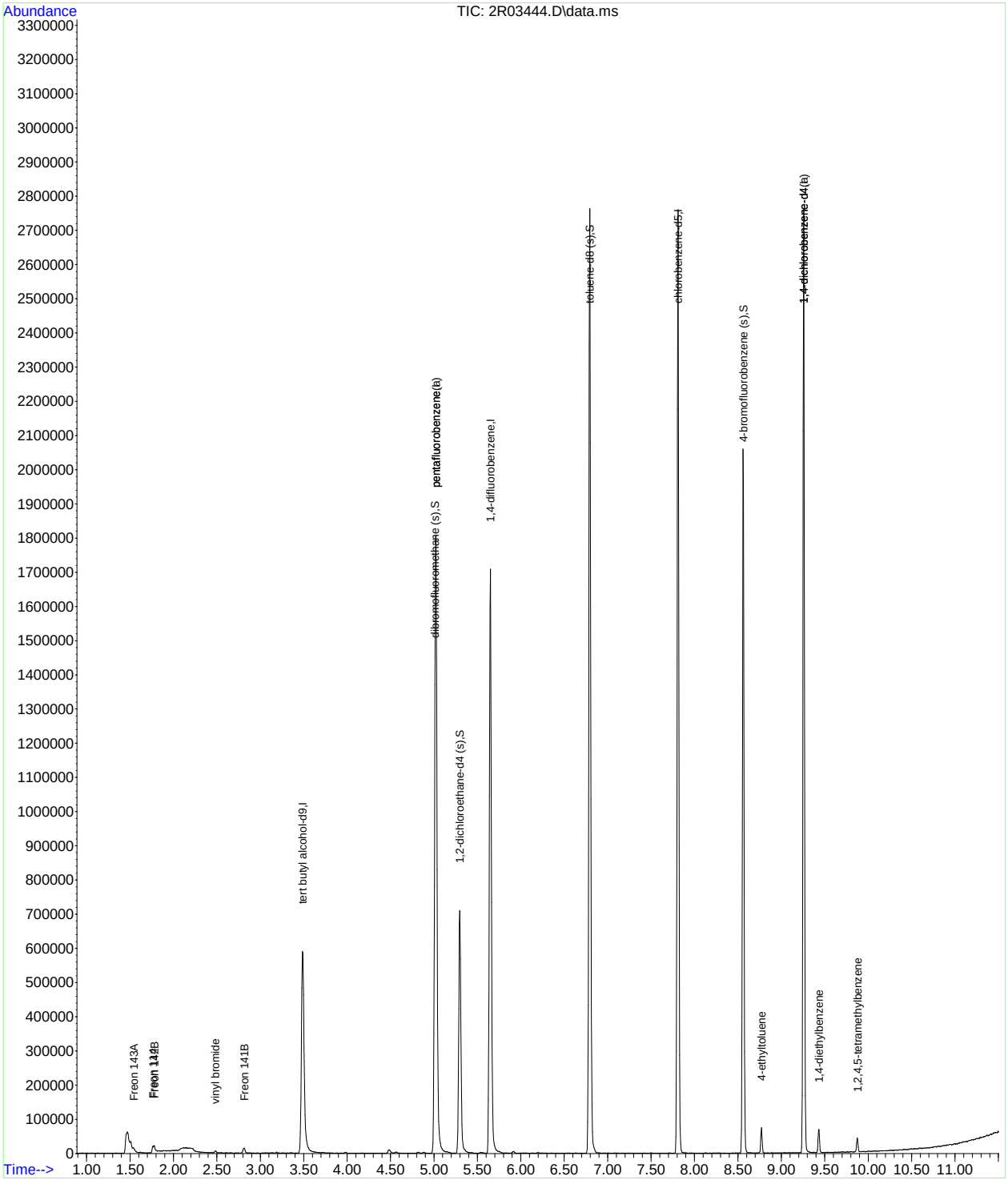
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	694749	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	824374	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1187485	50.00	ug/L	0.00
73) chlorobenzene-d5	7.811	117	1103663	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	517334	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	824374	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	517334	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	362634	47.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.62%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	438107	49.33	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 98.66%			
74) toluene-d8 (s)	6.795	98	1428888	50.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.06%			
98) 4-bromofluorobenzene (s)	8.565	174	445471	50.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.88%			
Target Compounds						Qvalue
126) Freon 143A	1.544	69	6619	1.43	ug/L	91
127) Freon 114	1.763	135	5722	1.56	ug/L	94
128) Freon 142B	1.782	65	9627	1.40	ug/L	98
129) vinyl bromide	2.481	106	3590	1.40	ug/L	91
130) Freon 141B	2.816	81	11072	1.41	ug/L	96
132) 4-ethyltoluene	8.772	105	33266	1.41	ug/L	96
133) 1,4-diethylbenzene	9.435	119	17978	1.70	ug/L	91
134) 1,2,4,5-tetramethylben...	9.879	119	16465	1.33	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03444.D
Acq On : 15 May 2023 6:29 pm
Operator : BridgetK
Sample : ic115-2
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 09:25:31 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03445.D
Acq On : 15 May 2023 6:53 pm
Operator : BridgetK
Sample : ic115-4
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 09:26:44 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

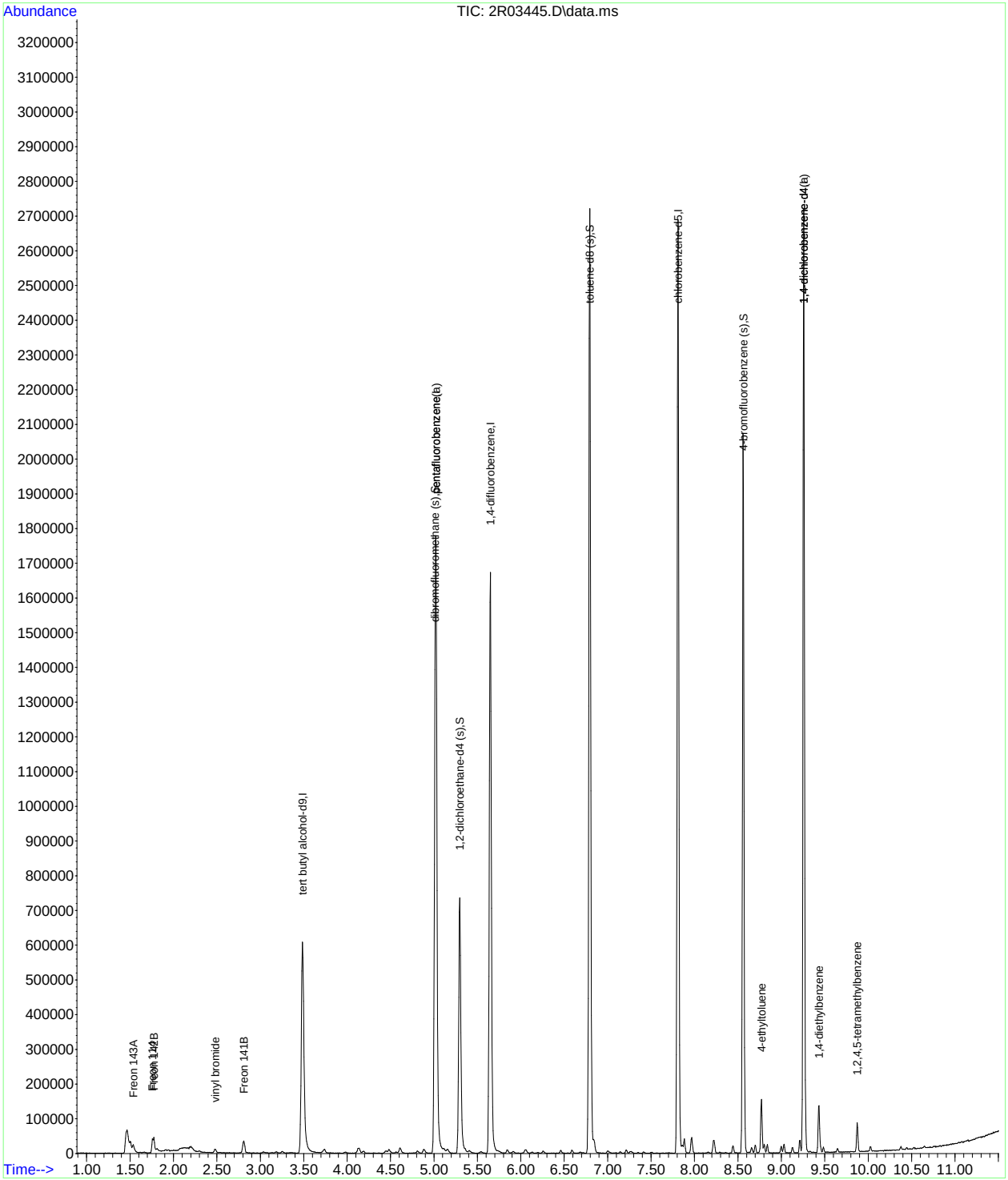
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	695118	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	805653	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1176241	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1090611	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	511818	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	805653	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	511818	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	357955	48.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.58%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	437366	49.72	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 99.44%			
74) toluene-d8 (s)	6.795	98	1431721	50.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.46%			
98) 4-bromofluorobenzene (s)	8.565	174	439867	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	14688	3.25	ug/L	93
127) Freon 114	1.757	135	11419	3.18	ug/L	91
128) Freon 142B	1.776	65	21465	3.19	ug/L	91
129) vinyl bromide	2.481	106	7261	2.90	ug/L	90
130) Freon 141B	2.810	81	24862	3.24	ug/L	93
132) 4-ethyltoluene	8.772	105	73476	3.14	ug/L	97
133) 1,4-diethylbenzene	9.435	119	34509	3.30	ug/L	98
134) 1,2,4,5-tetramethylben...	9.873	119	31392	2.57	ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03445.D
Acq On : 15 May 2023 6:53 pm
Operator : BridgetK
Sample : ic115-4
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 09:26:44 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03446.D
Acq On : 15 May 2023 7:18 pm
Operator : BridgetK
Sample : ic115-8
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 09:27:20 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

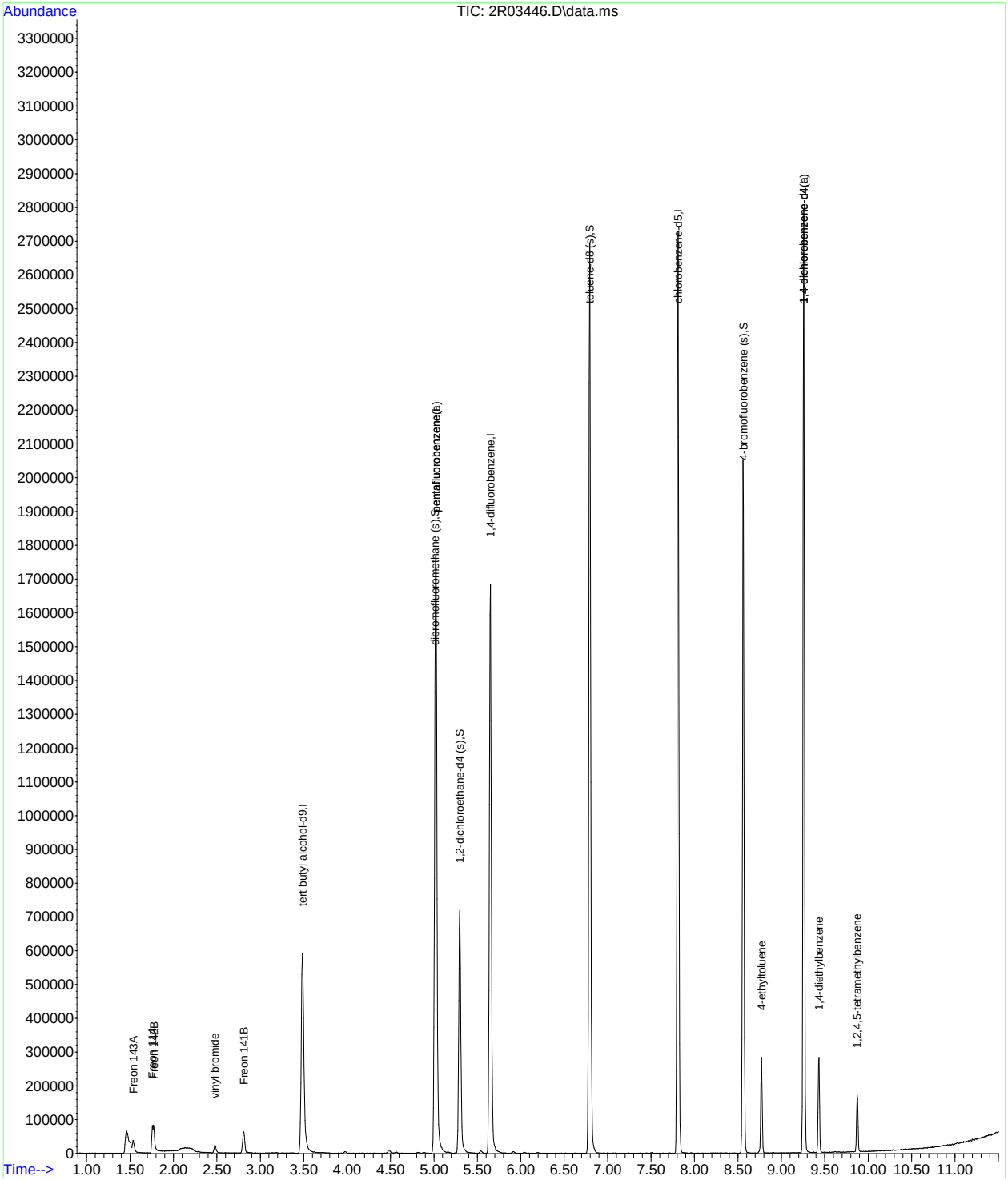
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	683661	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	792169	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1164105	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1083884	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	510411	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	792169	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	510411	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	358218	49.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.30%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	431608	49.58	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 99.16%			
74) toluene-d8 (s)	6.794	98	1419842	50.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.24%			
98) 4-bromofluorobenzene (s)	8.565	174	440674	50.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.14%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	27754	6.25	ug/L	98
127) Freon 114	1.757	135	21878	6.20	ug/L	91
128) Freon 142B	1.775	65	41718	6.31	ug/L	94
129) vinyl bromide	2.475	106	14509	5.88	ug/L	99
130) Freon 141B	2.810	81	46921	6.21	ug/L	100
132) 4-ethyltoluene	8.772	105	130599	5.59	ug/L	96
133) 1,4-diethylbenzene	9.435	119	70092	6.71	ug/L	96
134) 1,2,4,5-tetramethylben...	9.873	119	66699	5.47	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03446.D
Acq On : 15 May 2023 7:18 pm
Operator : BridgetK
Sample : ic115-8
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 09:27:20 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03447.D
Acq On : 15 May 2023 7:43 pm
Operator : BridgetK
Sample : ic115-20
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 09:27:59 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

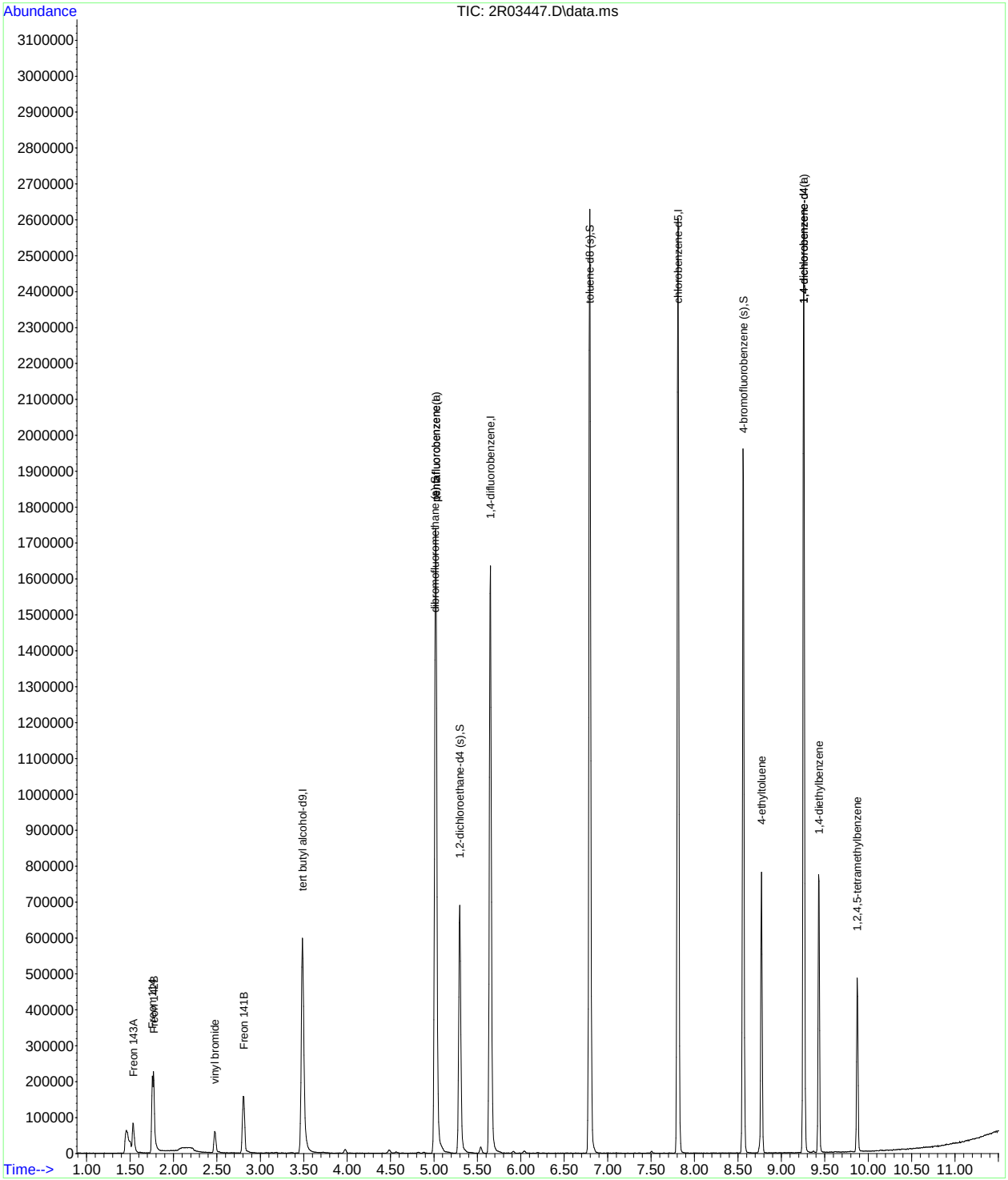
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	684041	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	778846	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1144882	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1069654	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	500257	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	778846	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	500257	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	348083	48.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.16%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	420948	49.17	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 98.34%			
74) toluene-d8 (s)	6.794	98	1393748	50.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.70%			
98) 4-bromofluorobenzene (s)	8.565	174	423360	49.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.14%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	73015	16.73	ug/L	99
127) Freon 114	1.757	135	60629	17.46	ug/L	91
128) Freon 142B	1.776	65	108385	16.67	ug/L	97
129) vinyl bromide	2.475	106	40405	16.67	ug/L	97
130) Freon 141B	2.810	81	121020	16.30	ug/L	99
132) 4-ethyltoluene	8.772	105	359456	15.71	ug/L	98
133) 1,4-diethylbenzene	9.435	119	194259	18.98	ug/L	97
134) 1,2,4,5-tetramethylben...	9.873	119	184080	15.39	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03447.D
Acq On : 15 May 2023 7:43 pm
Operator : BridgetK
Sample : ic115-20
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 09:27:59 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03448.D
Acq On : 15 May 2023 8:08 pm
Operator : BridgetK
Sample : icc115-50
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 16 09:28:33 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

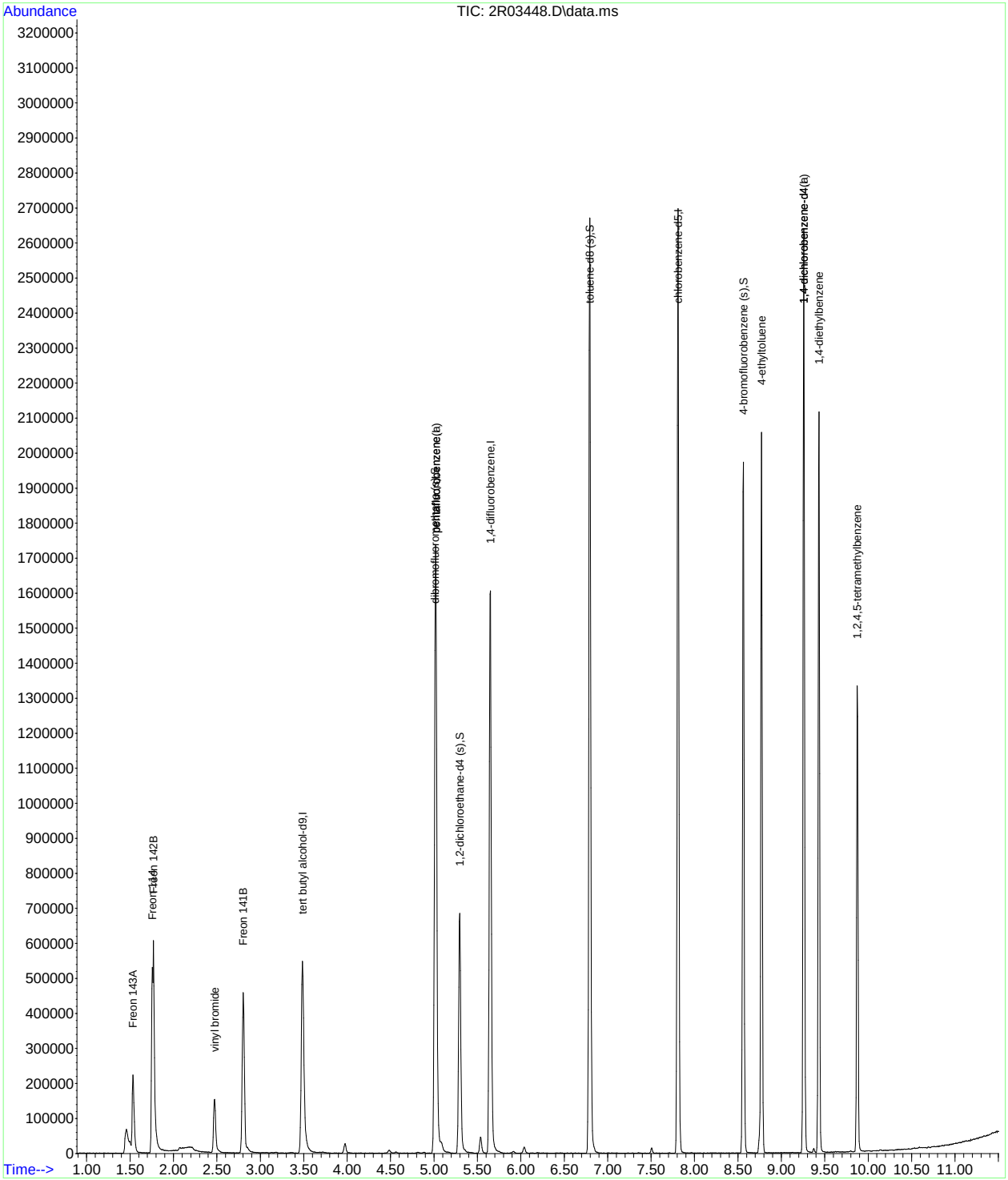
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	647902	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	763309	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1141262	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1077868	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	501405	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	763309	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	501405	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	349224	49.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.46%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	422635	49.52	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 99.04%			
74) toluene-d8 (s)	6.794	98	1402633	50.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.58%			
98) 4-bromofluorobenzene (s)	8.565	174	432406	50.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.04%			
Target Compounds						Qvalue
126) Freon 143A	1.532	69	204363	47.78	ug/L	98
127) Freon 114	1.757	135	158411	46.55	ug/L	96
128) Freon 142B	1.769	65	295340	46.34	ug/L	97
129) vinyl bromide	2.475	106	106939	45.01	ug/L	99
130) Freon 141B	2.803	81	333599	45.85	ug/L	99
132) 4-ethyltoluene	8.771	105	973538	42.44	ug/L	99
133) 1,4-diethylbenzene	9.435	119	533196	51.99	ug/L	98
134) 1,2,4,5-tetramethylben...	9.873	119	521181	43.49	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03448.D
Acq On : 15 May 2023 8:08 pm
Operator : BridgetK
Sample : icc115-50
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 16 09:28:33 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03449.D
Acq On : 15 May 2023 8:33 pm
Operator : BridgetK
Sample : ic115-100
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 16 09:29:07 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

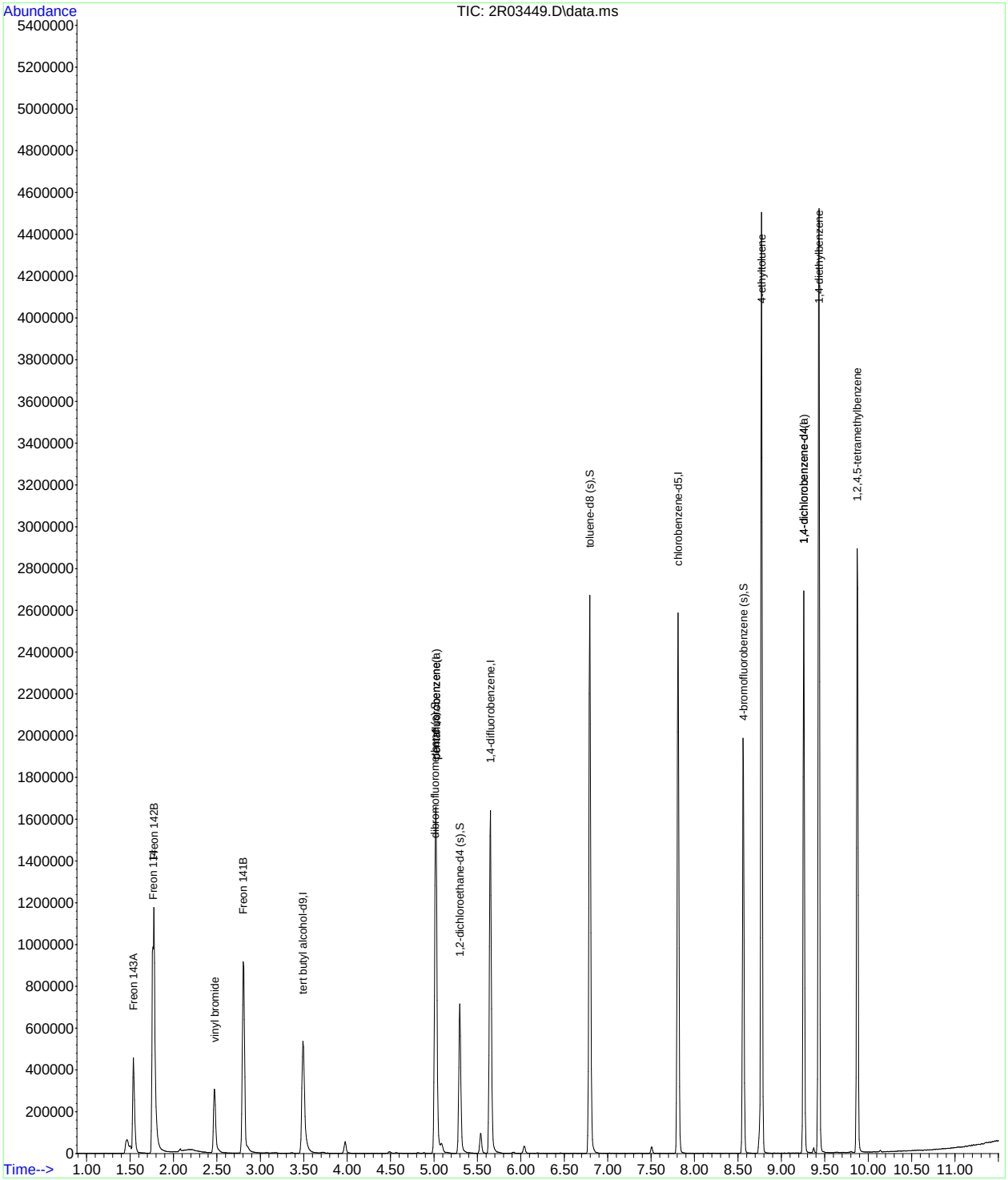
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.491	65	662628	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	747819	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1125923	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1063332	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	500820	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	747819	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	500820	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	341070	49.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.14%			
53) 1,2-dichloroethane-d4 (s)	5.298	65	421062	50.01	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.02%			
74) toluene-d8 (s)	6.794	98	1387440	50.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.84%			
98) 4-bromofluorobenzene (s)	8.565	174	426841	49.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.86%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	410341	97.93	ug/L	99
127) Freon 114	1.763	135	324479	97.33	ug/L	95
128) Freon 142B	1.775	65	606896	97.19	ug/L	96
129) vinyl bromide	2.475	106	223672	96.10	ug/L	98
130) Freon 141B	2.804	81	690645	96.89	ug/L	99
132) 4-ethyltoluene	8.771	105	2079026	90.74	ug/L	99
133) 1,4-diethylbenzene	9.435	119	1140900	111.37	ug/L	98
134) 1,2,4,5-tetramethylben...	9.873	119	1144026	95.57	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03449.D
Acq On : 15 May 2023 8:33 pm
Operator : BridgetK
Sample : ic115-100
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 16 09:29:07 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03450.D
Acq On : 15 May 2023 8:58 pm
Operator : BridgetK
Sample : ic115-200
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 09:29:44 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration

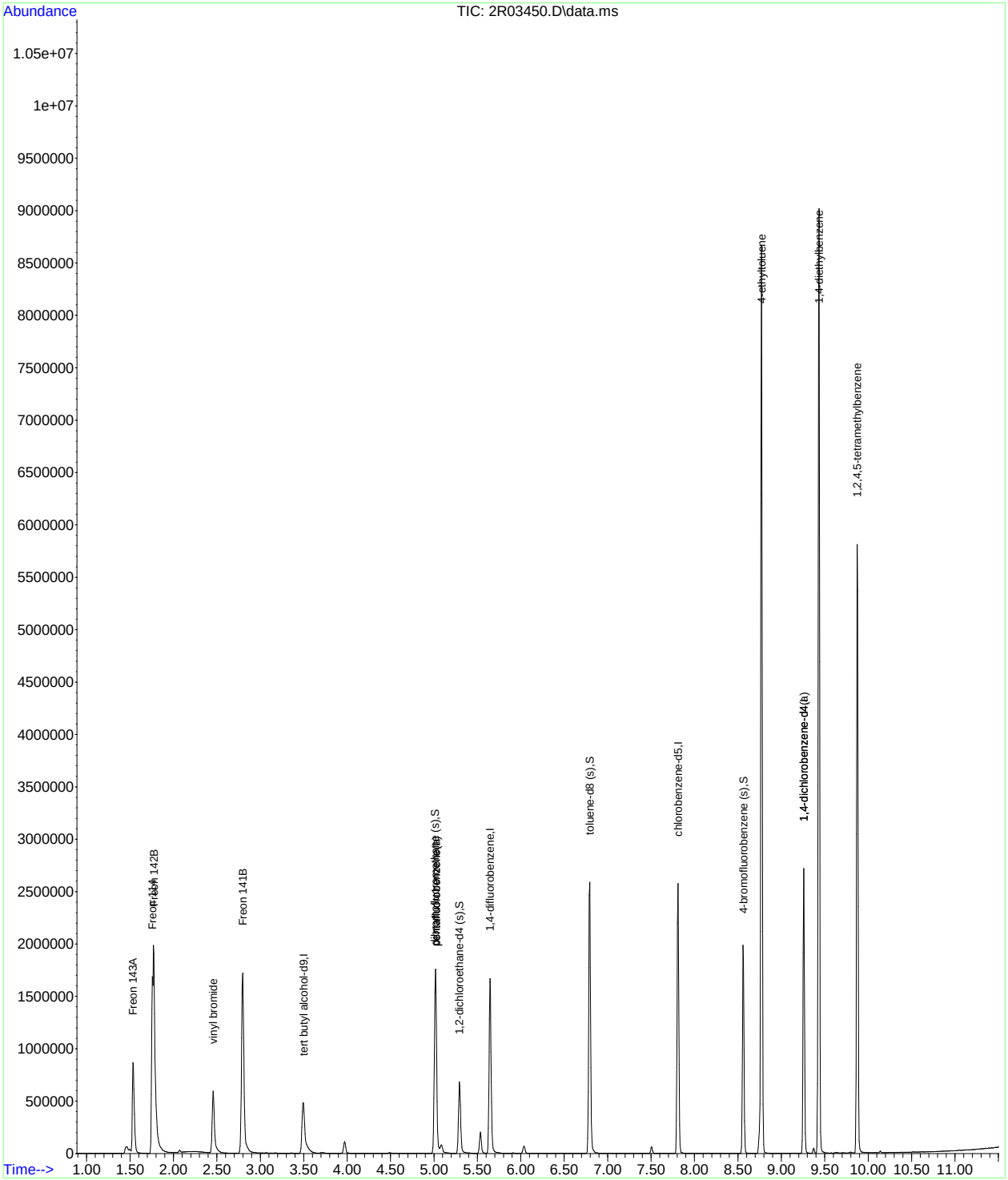
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.497	65	660434	500.00	ug/L	0.01
5) pentafluorobenzene	5.024	168	758686	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.645	114	1133350	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1073829	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	502793	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	758686	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	502793	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	341704	48.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.90%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	415071	48.97	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 97.94%			
74) toluene-d8 (s)	6.794	98	1402711	50.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.96%			
98) 4-bromofluorobenzene (s)	8.565	174	425382	49.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.12%			
Target Compounds						Qvalue
126) Freon 143A	1.532	69	810794	190.73	ug/L	98
127) Freon 114	1.757	135	615542	181.99	ug/L	94
128) Freon 142B	1.775	65	1189158	187.71	ug/L	97
129) vinyl bromide	2.457	106	446216	188.97	ug/L	99
130) Freon 141B	2.797	81	1346444	186.18	ug/L	99
132) 4-ethyltoluene	8.772	105	4059698	176.49	ug/L	100
133) 1,4-diethylbenzene	9.435	119	2249531	218.74	ug/L	98
134) 1,2,4,5-tetramethylben...	9.873	119	2309383	192.16	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03450.D
Acq On : 15 May 2023 8:58 pm
Operator : BridgetK
Sample : ic115-200
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 09:29:44 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:22:44 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03453.D
Acq On : 15 May 2023 10:13 pm
Operator : BridgetK
Sample : icv115-50
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 16 16:15:39 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:30:55 2023
Response via : Initial Calibration

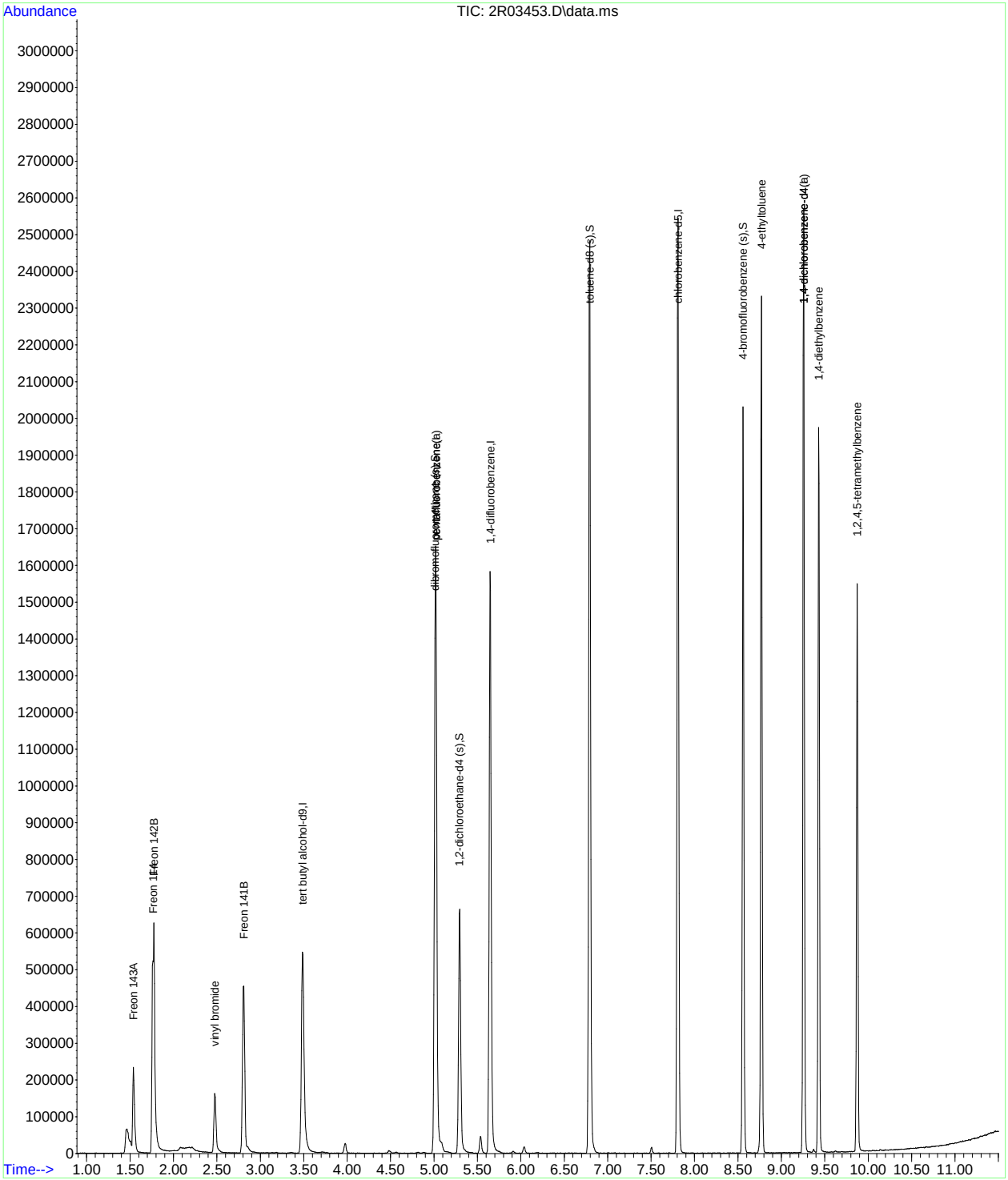
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.485	65	643796	500.00	ug/L	0.00
5) pentafluorobenzene	5.024	168	729223	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.651	114	1094137	50.00	ug/L	0.00
73) chlorobenzene-d5	7.810	117	1044621	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.258	152	487958	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.024	168	729223	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	487958	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.012	113	335446	51.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.74%			
53) 1,2-dichloroethane-d4 (s)	5.292	65	409109	50.57	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 101.14%			
74) toluene-d8 (s)	6.794	98	1351612	49.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.18%			
98) 4-bromofluorobenzene (s)	8.559	174	416501	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.72%			
Target Compounds						Qvalue
126) Freon 143A	1.538	69	204294	58.25	ug/L	98
127) Freon 114	1.763	135	162546	58.46	ug/L	96
128) Freon 142B	1.775	65	304447	59.22	ug/L	97
129) vinyl bromide	2.475	106	113478	60.84	ug/L	99
130) Freon 141B	2.810	81	347551	59.67	ug/L	99
132) 4-ethyltoluene	8.771	105	1116209	62.36	ug/L	99
133) 1,4-diethylbenzene	9.428	119	499041	52.53	ug/L	98
134) 1,2,4,5-tetramethylben...	9.873	119	583170	63.72	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VR0115\
Data File : 2R03453.D
Acq On : 15 May 2023 10:13 pm
Operator : BridgetK
Sample : icv115-50
Misc : MS69262,V2R0115,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 16 16:15:39 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 09:30:55 2023
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03688.d
Acq On : 23 May 2023 8:39 am
Operator : edwardd
Sample : cc111-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 24 04:23:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	3.491	65	586947	500.00	ug/L		0.01
5) pentafluorobenzene	5.030	168	699065	50.00	ug/L		0.01
52) 1,4-difluorobenzene	5.651	114	1085555	50.00	ug/L		0.00
73) chlorobenzene-d5	7.816	117	1045395	50.00	ug/L		0.01
97) 1,4-dichlorobenzene-d4	9.258	152	487677	50.00	ug/L		0.00
125) pentafluorobenzene(a)	5.030	168	699065	50.00	ug/L		0.00
131) 1,4-dichlorobenzene-d4(a)	9.258	152	487677	50.00	ug/L		0.00
System Monitoring Compounds							
44) dibromofluoromethane (s)	5.018	113	329333	54.64	ug/L		0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.28%				
53) 1,2-dichloroethane-d4 (s)	5.304	65	349714	44.39	ug/L		0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 88.78%				
74) toluene-d8 (s)	6.794	98	1418427	51.54	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.08%				
98) 4-bromofluorobenzene (s)	8.565	174	413649	50.31	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.62%				
Target Compounds							Qvalue
2) ethanol	2.694	45	169060	1220.7702	ug/L		96
3) tertiary butyl alcohol	3.564	59	124685	71.6537	ug/L		99
4) 1,4-dioxane	6.107	88	58375	557.0993	ug/L		84
6) chlorodifluoromethane	1.666	51	88894	13.6315	ug/L		92
7) dichlorodifluoromethane	1.648	85	99812	19.1182	ug/L		99
8) chloromethane	1.812	50	104465	16.2196	ug/L		99
9) vinyl chloride	1.909	62	120746	22.9405	ug/L		98
10) 1,3-butadiene	1.940	54	90571	19.5980	ug/L	#	84
11) bromomethane	2.195	94	86683	39.8170	ug/L		99
12) chloroethane	2.305	64	61350	20.3117	ug/L		91
13) trichlorofluoromethane	2.542	101	129190	21.4098	ug/L		96
14) ethyl ether	2.810	74	50132	21.2280	ug/L	#	64
15) acrolein	2.944	56	12793	12.1817	ug/L		90
16) freon 113	3.047	151	61485	19.6547	ug/L		94
17) 1,1-dichloroethene	3.041	96	61650	20.8947	ug/L	#	85
18) acetone	3.071	58	57573	78.6869	ug/L		87
19) acetonitrile	3.333	41	163962	115.5289	ug/L		98
20) iodomethane	3.193	142	59542	11.8863	ug/L		92
21) carbon disulfide	3.260	76	218336	19.5109	ug/L		97
22) methylene chloride	3.497	84	82214	20.4963	ug/L		100
23) methyl acetate	3.357	74	24262	21.8134	ug/L	#	33
24) methyl tert butyl ether	3.728	73	254635	18.6477	ug/L		90
25) trans-1,2-dichloroethene	3.747	96	76509	20.0491	ug/L	#	84
26) hexane	3.984	56	55404	13.4488	ug/L		86
27) di-isopropyl ether	4.142	45	234153	13.2691	ug/L		88
28) 2-butanone	4.592	72	76904	93.0872	ug/L	#	38
29) 1,1-dichloroethane	4.130	63	139092	17.0881	ug/L		97
30) chloroprene	4.191	53	118548	15.1451	ug/L		85
31) acrylonitrile	3.698	53	36745	11.6065	ug/L		96
32) vinyl acetate	4.118	86	21999	36.6989	ug/L	#	1
33) ethyl tert-butyl ether	4.452	59	261119	17.4722	ug/L		93
34) ethyl acetate	4.610	45	20274	14.3766	ug/L	#	71
35) 2,2-dichloropropane	4.617	77	124223	20.4735	ug/L		84
36) cis-1,2-dichloroethene	4.610	96	92413	21.4491	ug/L	#	82
37) propionitrile	4.647	54	227019	157.6271	ug/L		88
38) methyl acrylate	4.659	85	21324	23.6688	ug/L	#	39
39) methacrylonitrile	4.775	67	53155	20.6845	ug/L	#	61
40) bromochloromethane	4.811	128	42612	20.7775	ug/L	#	75

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03688.d
Acq On : 23 May 2023 8:39 am
Operator : edwardd
Sample : cc111-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 24 04:23:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) tetrahydrofuran	4.817	42	38995	11.4761 ug/L		64
42) chloroform	4.890	83	153964	18.6664 ug/L		94
43) tert-Butyl Formate	4.909	59	48714	23.5527 ug/L		90
45) 1,1,1-trichloroethane	5.036	97	130982	20.3482 ug/L	#	38
46) cyclohexane	5.097	84	113966	20.1117 ug/L	#	69
47) isobutyl alcohol	5.207	43	76655	141.2472 ug/L		94
48) 1,1-dichloropropene	5.158	75	112227	20.1573 ug/L		99
49) carbon tetrachloride	5.164	117	115301	20.8078 ug/L		97
50) tert-amyl alcohol	5.304	73	67048	107.1673 ug/L		91
51) isopropyl acetate	5.328	87	27874	21.9215 ug/L	#	22
54) n-butyl alcohol	5.736	56	318102	845.4522 ug/L		82
55) 2,2,4-trimethylpentane	5.407	57	208823	13.2563 ug/L		96
56) benzene	5.328	78	344319	18.6817 ug/L		93
57) tert-amyl methyl ether	5.413	73	271652	19.4095 ug/L		92
58) heptane	5.541	57	47215	13.3660 ug/L	#	73
59) 1,2-dichloroethane	5.365	62	123330	15.9473 ug/L		93
60) ethyl acrylate	5.894	55	149956	15.7060 ug/L		96
61) trichloroethene	5.851	95	90644	19.3650 ug/L		94
62) 2-chloroethyl vinyl ether	6.466	63	328588	88.7270 ug/L		93
63) methyl methacrylate	6.083	100	30802	20.0271 ug/L	#	48
64) methylcyclohexane	6.046	83	135918	17.1623 ug/L	#	81
65) 1,2-dichloropropane	6.058	63	89128	16.6502 ug/L		98
66) dibromomethane	6.131	93	60682	19.9852 ug/L		93
67) bromodichloromethane	6.265	83	125933	19.9887 ug/L		100
68) 2-nitropropane	6.429	41	39344	15.1043 ug/L		97
69) epichlorohydrin	6.508	57	83361	74.2750 ug/L		91
70) cis-1,3-dichloropropene	6.594	75	155233	19.3257 ug/L		84
71) 4-methyl-2-pentanone	6.691	58	227934	67.3654 ug/L	#	69
72) isoamyl alcohol	6.721	70	127974	442.0792 ug/L	#	64
75) toluene	6.849	92	227525	18.4866 ug/L		94
76) ethyl methacrylate	7.026	69	130025	18.7613 ug/L	#	80
77) trans-1,3-dichloropropene	7.007	75	148921	18.9747 ug/L		85
78) 1,1,2-trichloroethane	7.147	83	78202	19.2486 ug/L		95
79) tetrachloroethene	7.220	164	74859	17.7441 ug/L		95
80) 2-hexanone	7.281	58	252417	64.8567 ug/L	#	76
81) 1,3-dichloropropane	7.269	76	146110	18.3897 ug/L		79
82) butyl acetate	7.354	56	80915	14.9138 ug/L	#	78
83) dibromochloromethane	7.421	129	101170	20.1465 ug/L		98
84) 1,2-dibromoethane	7.506	107	99242	20.1121 ug/L		95
85) n-butyl ether	7.859	57	351402	14.5012 ug/L		95
86) chlorobenzene	7.835	112	266382	19.5154 ug/L		95
87) 1,1,1,2-tetrachloroethane	7.889	131	95412	20.4678 ug/L		98
88) ethylbenzene	7.889	91	452095	19.1860 ug/L		96
89) m,p-xylene	7.969	106	347876	39.2586 ug/L		95
90) o-xylene	8.218	91	356373	19.2182 ug/L		97
91) styrene	8.230	104	295969	20.7716 ug/L		98
92) butyl acrylate	8.157	55	197311	15.4540 ug/L		95
93) n-amyl acetate	8.297	70	83116	18.7840 ug/L	#	54
94) isopropylbenzene	8.449	105	419225	19.0413 ug/L		97
95) bromoform	8.364	173	77954	21.1659 ug/L		99
96) cis-1,4-dichloro-2-butene	8.480	88	61850	19.8641 ug/L	#	86
99) 1,1,2,2-tetrachloroethane	8.632	83	148150	21.2724 ug/L		98
100) trans-1,4-dichloro-2-b...	8.656	53	41171	14.1506 ug/L	#	74
101) 1,2,3-trichloropropane	8.674	110	46365	21.4460 ug/L		90
102) bromobenzene	8.662	156	110465	19.6688 ug/L		92
103) n-propylbenzene	8.705	91	502285	18.7475 ug/L		96
104) 2-chlorotoluene	8.772	126	103332	20.3433 ug/L		93
105) 4-chlorotoluene	8.845	91	302607	19.1377 ug/L		91

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03688.d
Acq On : 23 May 2023 8:39 am
Operator : edwardd
Sample : cc111-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 24 04:23:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

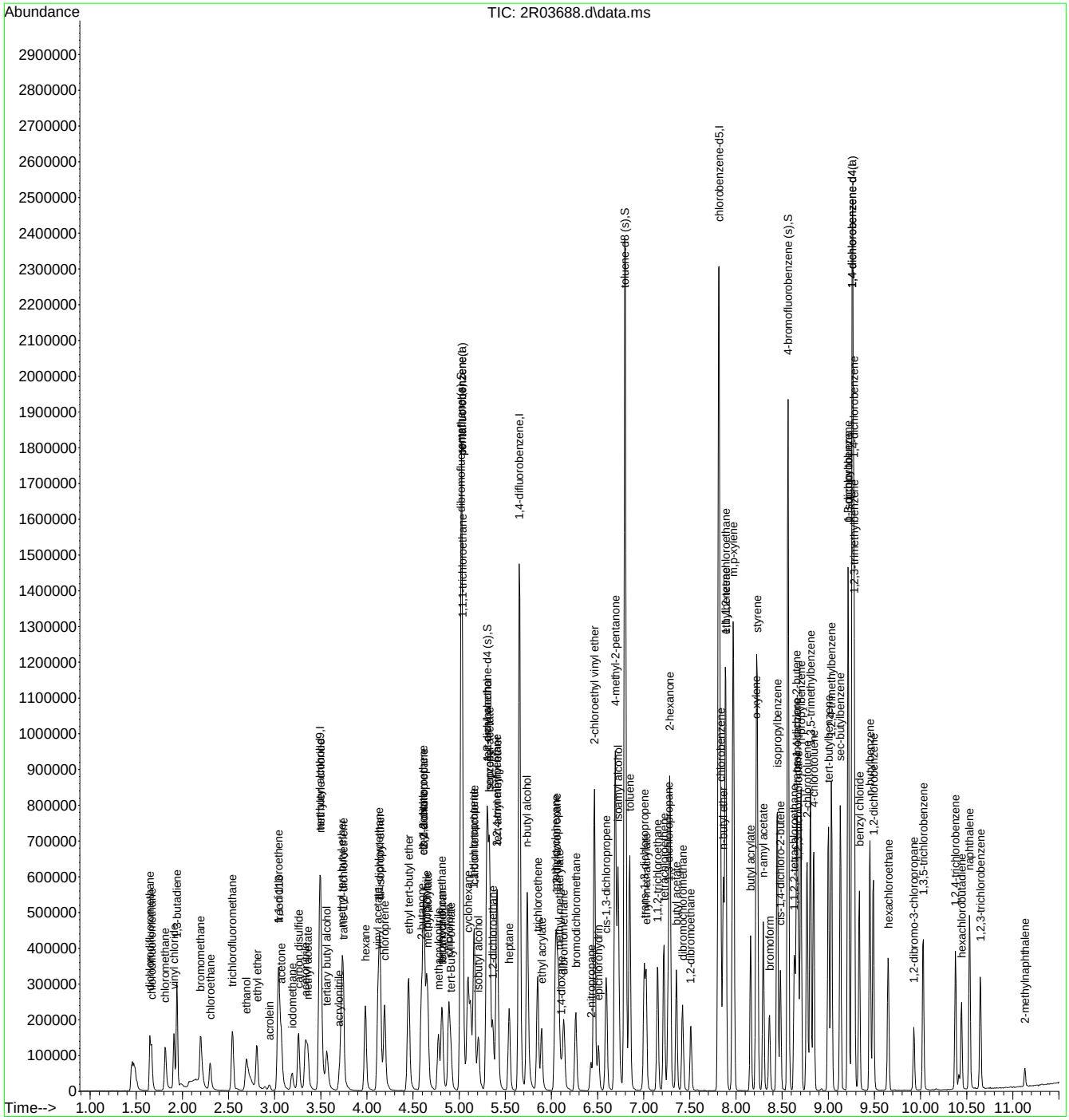
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
106) 1,3,5-trimethylbenzene	8.808	105	349928	19.5063 ug/L	98
107) tert-butylbenzene	9.003	119	286066	18.5194 ug/L	97
108) 1,2,4-trimethylbenzene	9.033	105	357468	19.3904 ug/L	98
109) sec-butylbenzene	9.131	105	407070	18.1194 ug/L	97
110) p-isopropyltoluene	9.216	119	346400	18.7698 ug/L	98
111) 1,2,3-trimethylbenzene	9.283	105	348274	18.8584 ug/L	97
112) 1,3-dichlorobenzene	9.216	146	206838	19.8117 ug/L	99
113) 1,4-dichlorobenzene	9.277	146	204207	19.8823 ug/L	98
114) 1,2-dichlorobenzene	9.489	146	197543	20.0975 ug/L	98
115) benzyl chloride	9.337	91	296958	21.8762 ug/L	100
116) n-butylbenzene	9.453	92	160224	18.3681 ug/L	98
117) hexachloroethane	9.654	201	42237	18.3534 ug/L	99
118) 1,2-dibromo-3-chloropr...	9.927	157	38123	21.5356 ug/L	97
119) 1,3,5-trichlorobenzene	10.031	180	104532	16.3870 ug/L	97
120) 1,2,4-trichlorobenzene	10.378	180	85204	17.5446 ug/L	99
121) hexachlorobutadiene	10.445	225	30324	13.8835 ug/L	93
122) naphthalene	10.530	128	285215	22.7100 ug/L	96
123) 1,2,3-trichlorobenzene	10.651	180	74332	21.3441 ug/L	93
124) 2-methylnaphthalene	11.132	142	18281	20.3881 ug/L	99

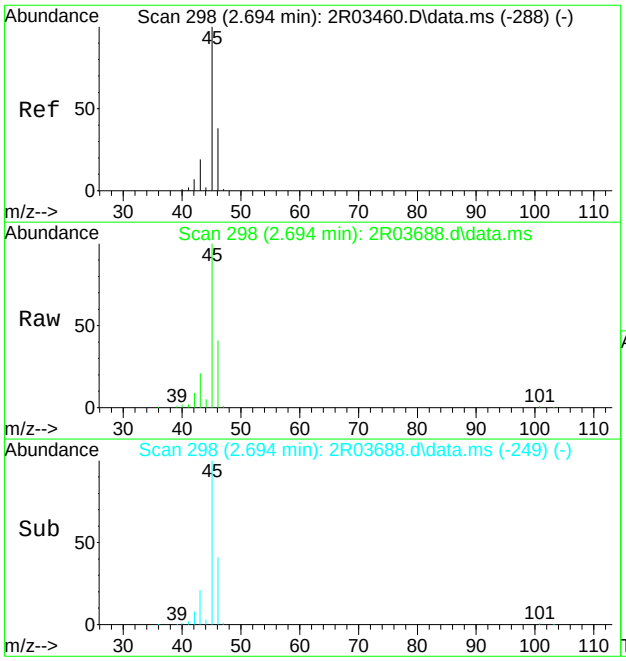
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03688.d
Acq On : 23 May 2023 8:39 am
Operator : edwardd
Sample : cc111-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 24 04:23:05 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

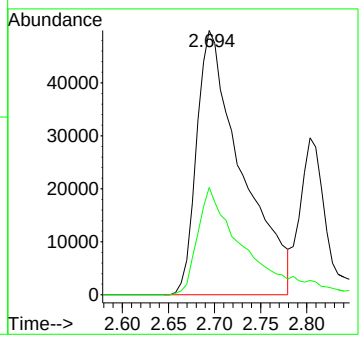


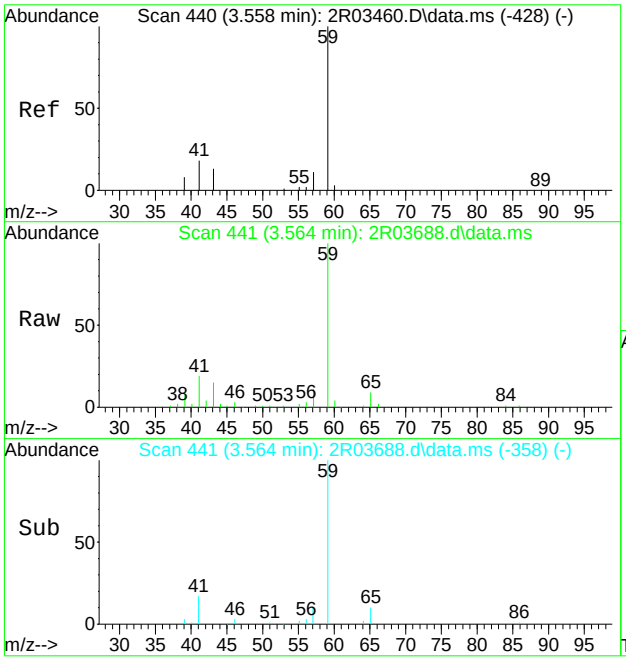


#2
ethanol
Concen: 1220.7702 ug/L
RT: 2.694 min Scan# 298
Delta R.T. 0.000 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 45 Resp: 169060

Ion	Ratio	Lower	Upper
45	100		
46	40.6	17.9	57.9

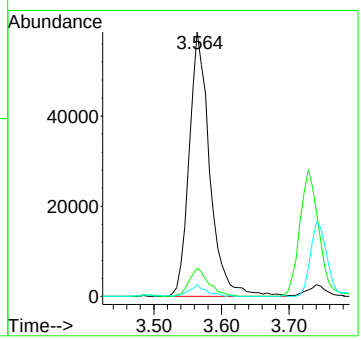


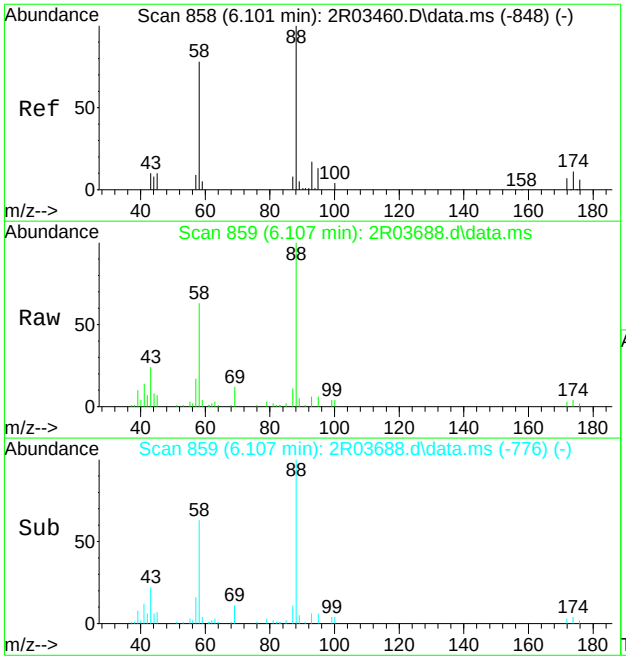


#3
tertiary butyl alcohol
Concen: 71.6537 ug/L
RT: 3.564 min Scan# 441
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 59 Resp: 124685

Ion	Ratio	Lower	Upper
59	100		
57	10.7	0.0	40.5
60	4.4	0.0	33.7

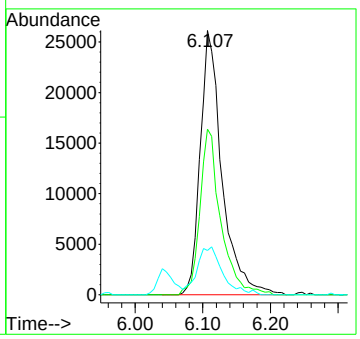


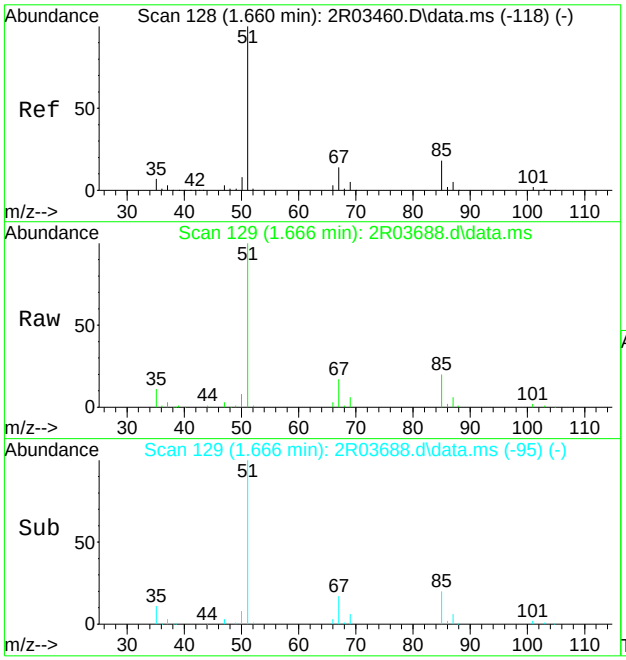


#4
1,4-dioxane
Concen: 557.0993 ug/L
RT: 6.107 min Scan# 859
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 88 Resp: 58375

Ion	Ratio	Lower	Upper
88	100		
58	62.7	46.3	106.3
57	16.8	0.0	54.6

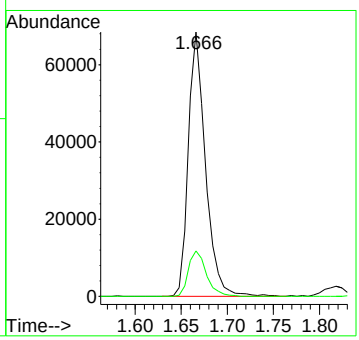


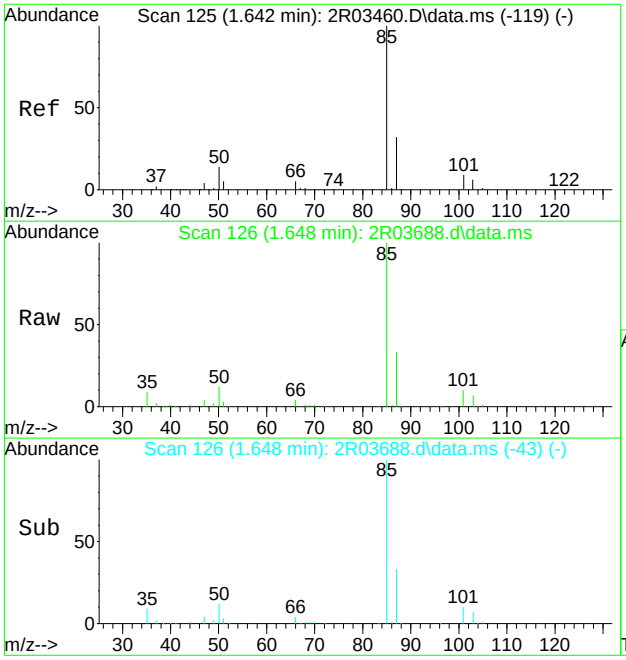


#6
chlorodifluoromethane
Concen: 13.6315 ug/L
RT: 1.666 min Scan# 129
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 51 Resp: 88894

Ion	Ratio	Lower	Upper
51	100		
67	17.2	0.0	43.9

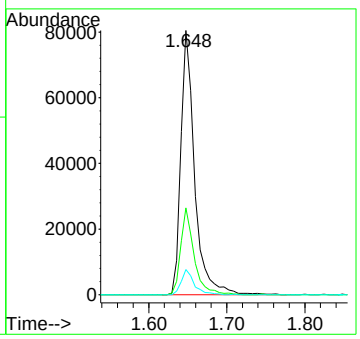


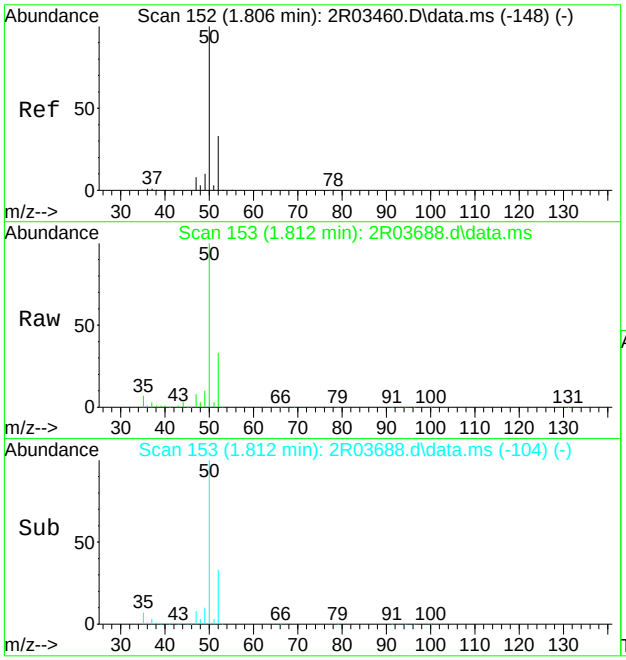


#7
dichlorodifluoromethane
Concen: 19.1182 ug/L
RT: 1.648 min Scan# 126
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 85 Resp: 99812

Ion	Ratio	Lower	Upper
85	100		
87	32.9	2.2	62.2
101	9.6	0.0	38.8

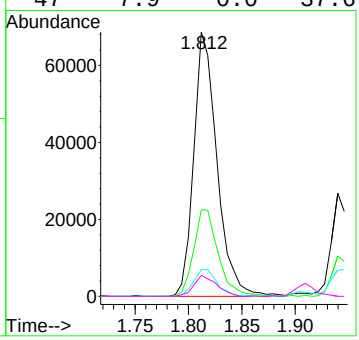


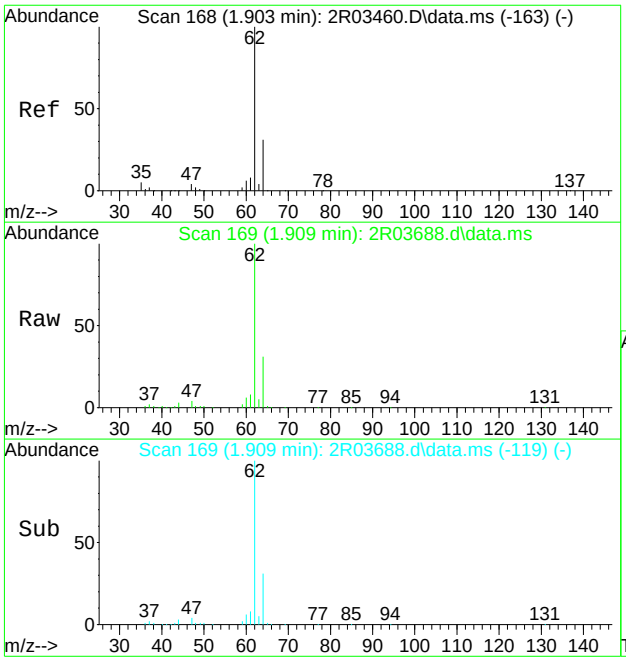


#8
chloromethane
Concen: 16.2196 ug/L
RT: 1.812 min Scan# 153
Delta R.T. -0.000 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 50 Resp: 104465

Ion	Ratio	Lower	Upper
50	100		
52	32.7	2.3	62.3
49	10.0	0.0	40.0
47	7.9	0.0	37.6

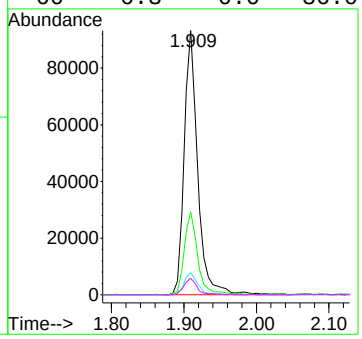


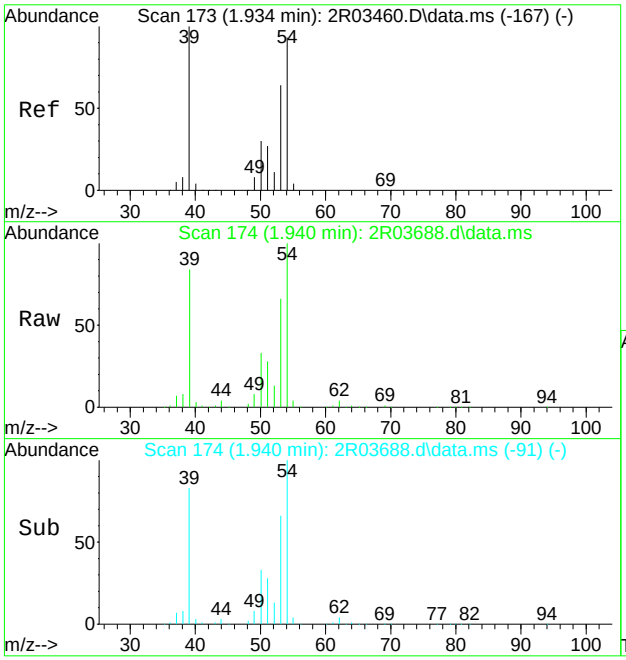


#9
vinyl chloride
Concen: 22.9405 ug/L
RT: 1.909 min Scan# 169
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 62 Resp: 120746

Ion	Ratio	Lower	Upper
62	100		
64	31.4	0.0	60.0
61	8.4	0.0	38.3
60	6.3	0.0	36.0

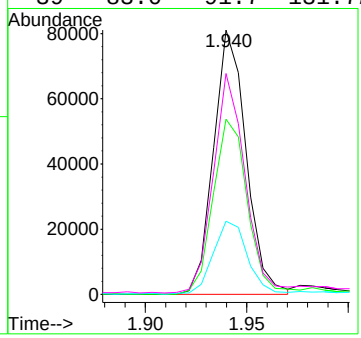


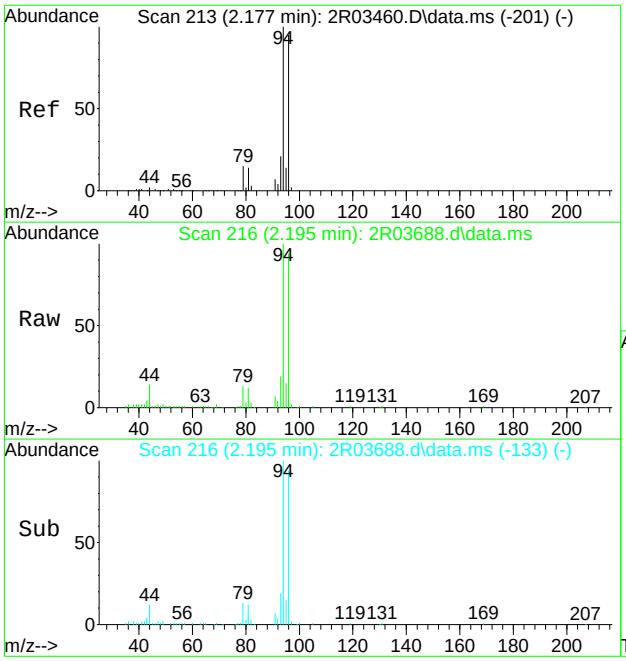


#10
1,3-butadiene
Concen: 19.5980 ug/L
RT: 1.940 min Scan# 174
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 54 Resp: 90571

Ion	Ratio	Lower	Upper
54	100		
53	66.2	49.3	89.3
51	27.6	10.0	50.0
39	83.0	91.7	131.7#

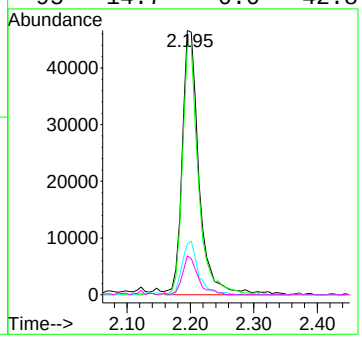


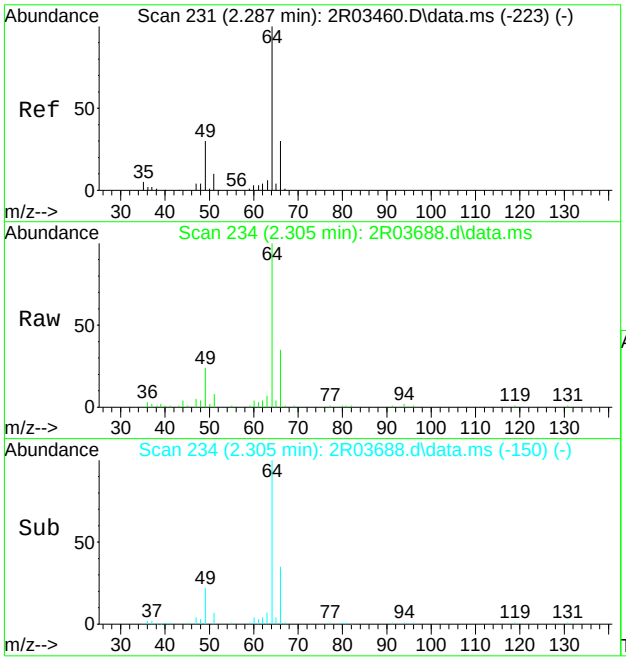


#11
bromomethane
Concen: 39.8170 ug/L
RT: 2.195 min Scan# 216
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 94 Resp: 86683

Ion	Ratio	Lower	Upper
94	100		
96	94.1	64.1	124.1
93	19.2	0.0	50.0
95	14.7	0.0	42.8

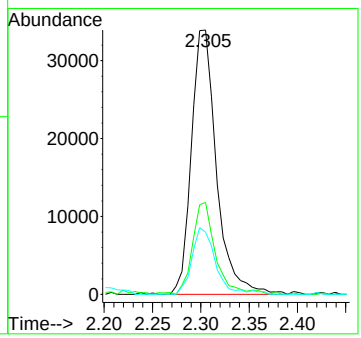


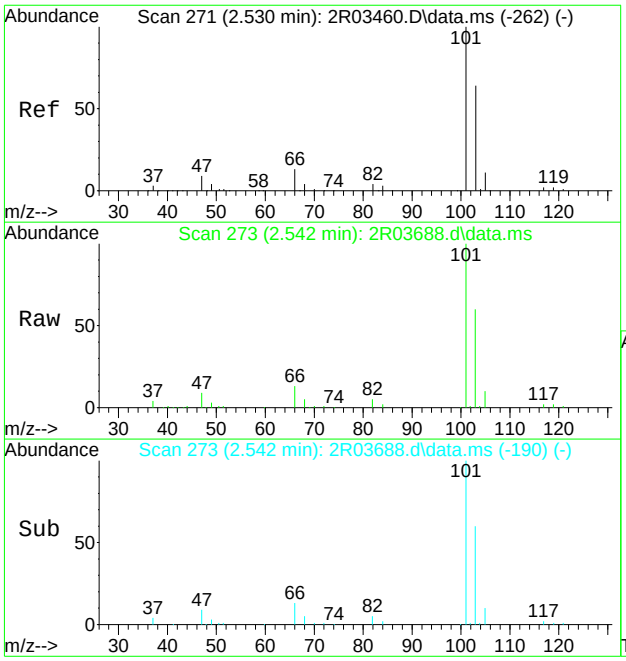


#12
chloroethane
Concen: 20.3117 ug/L
RT: 2.305 min Scan# 234
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 64 Resp: 61350

Ion	Ratio	Lower	Upper
64	100		
66	34.8	1.8	61.8
49	23.6	0.6	60.6

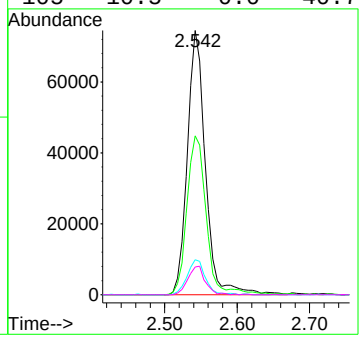


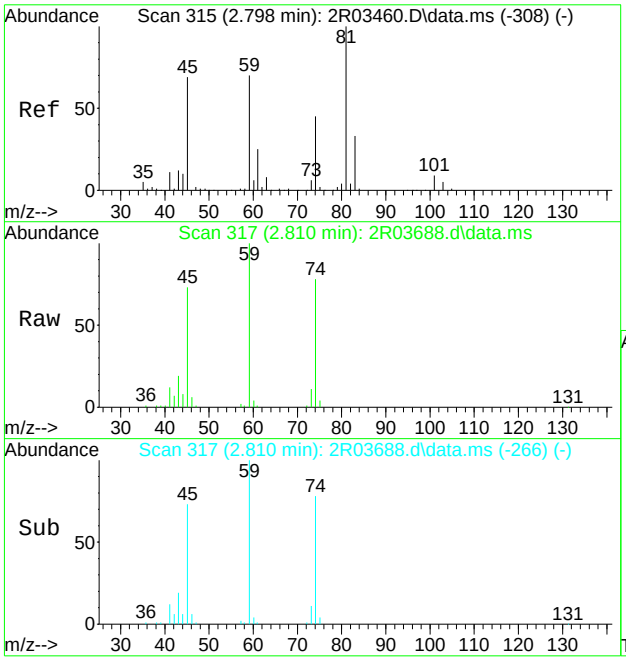


#13
trichlorofluoromethane
Concen: 21.4098 ug/L
RT: 2.542 min Scan# 273
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:101 Resp: 129190

Ion	Ratio	Lower	Upper
101	100		
103	60.1	33.7	93.7
66	13.2	0.0	42.7
105	10.5	0.0	40.7

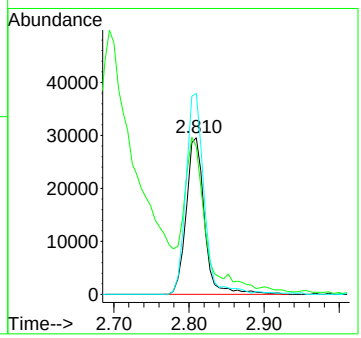


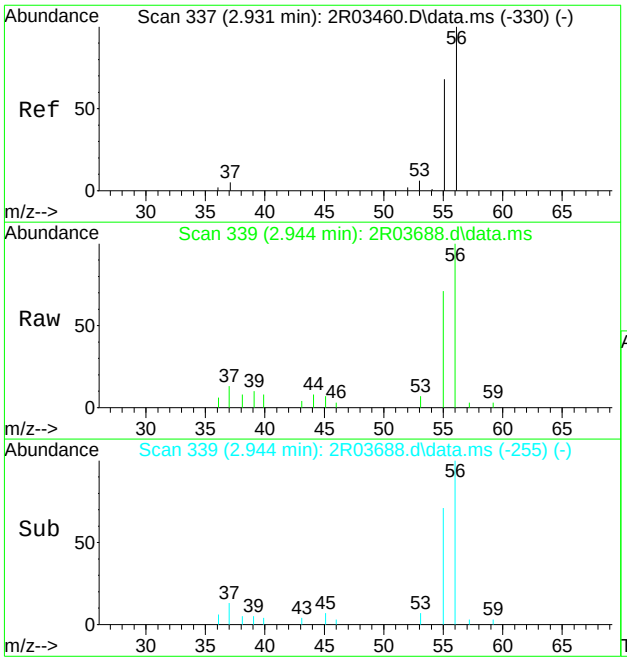


#14
ethyl ether
Concen: 21.2280 ug/L
RT: 2.810 min Scan# 317
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 74 Resp: 50132

Ion	Ratio	Lower	Upper
74	100		
45	92.4	130.1	190.1#
59	128.3	124.4	184.4

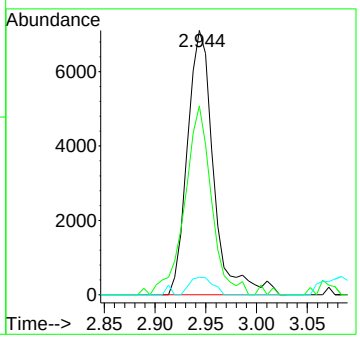


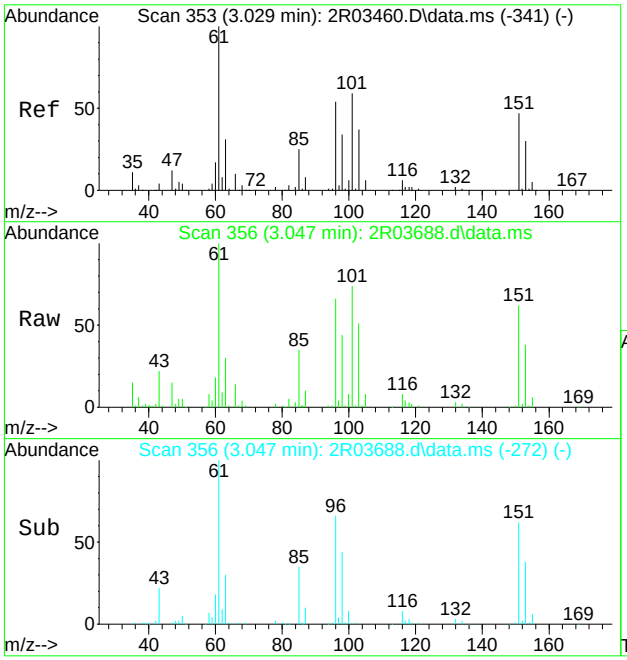


#15
acrolein
Concen: 12.1817 ug/L
RT: 2.944 min Scan# 339
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 56 Resp: 12793

Ion	Ratio	Lower	Upper
56	100		
55	71.4	32.7	92.7
53	6.6	0.0	36.3

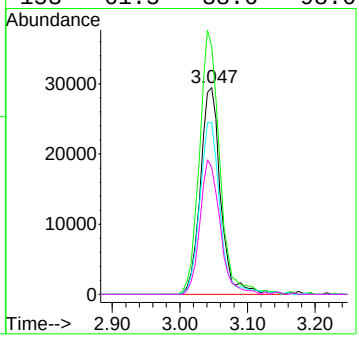


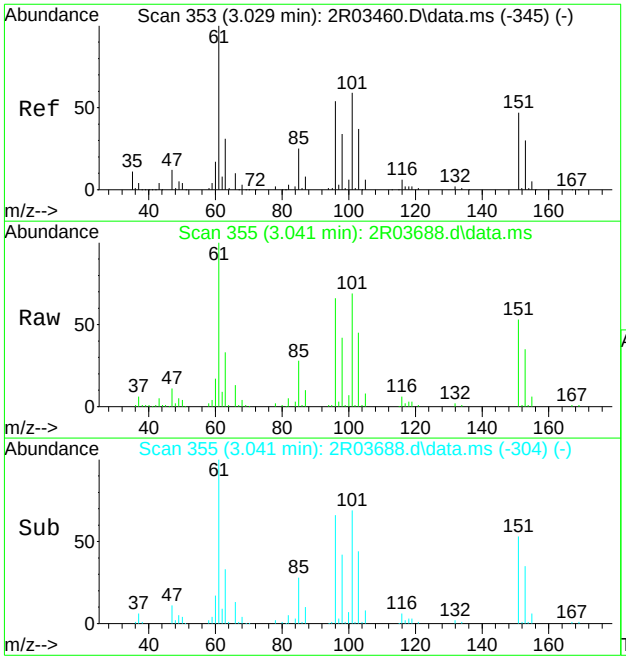


#16
freon 113
Concen: 19.6547 ug/L
RT: 3.047 min Scan# 356
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:151 Resp: 61485

Ion	Ratio	Lower	Upper
151	100		
101	120.0	97.7	157.7
103	83.1	51.1	111.1
153	61.5	38.6	98.6

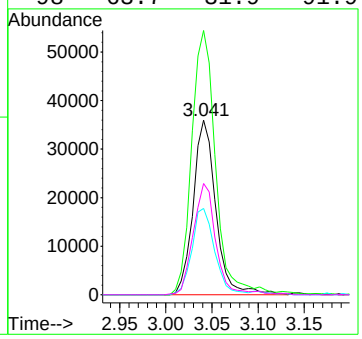


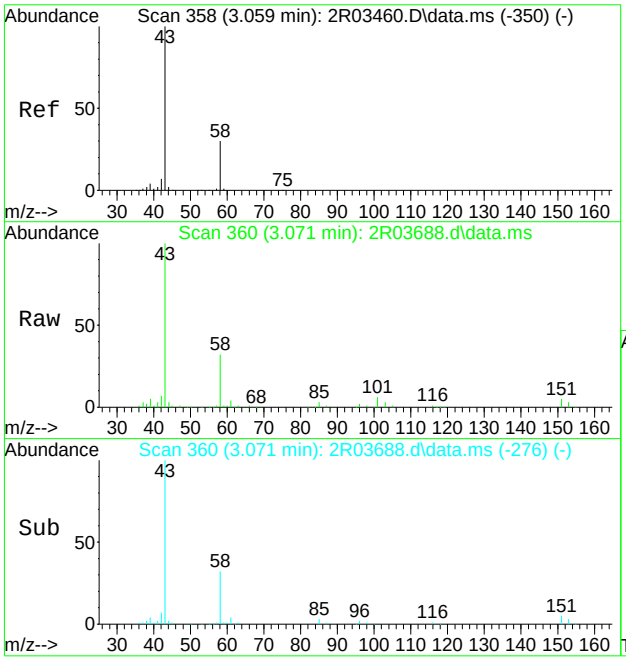


#17
1,1-dichloroethene
Concen: 20.8947 ug/L
RT: 3.041 min Scan# 355
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 96 Resp: 61650

Ion	Ratio	Lower	Upper
96	100		
61	151.5	152.3	212.3#
63	49.4	26.5	86.5
98	63.7	31.9	91.9

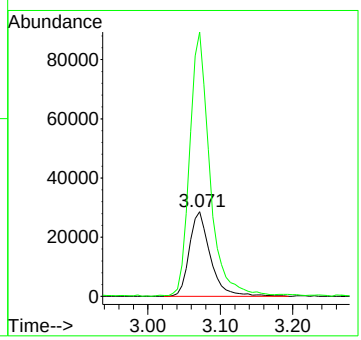


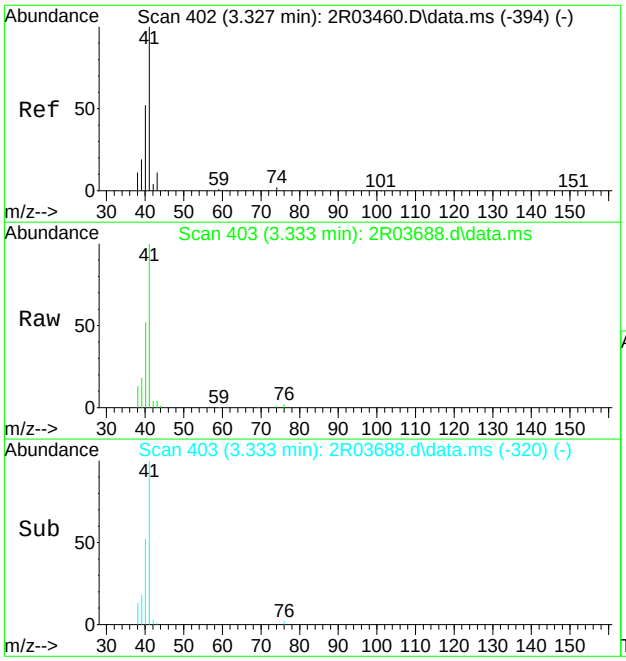


#18
acetone
Concen: 78.6869 ug/L
RT: 3.071 min Scan# 360
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 58 Resp: 57573

Ion	Ratio	Lower	Upper
58	100		
43	311.1	308.6	368.6

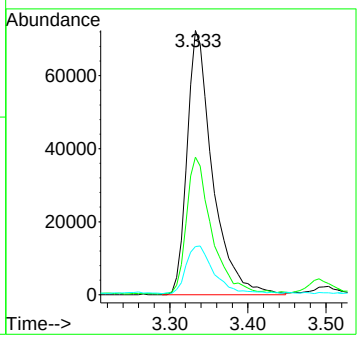


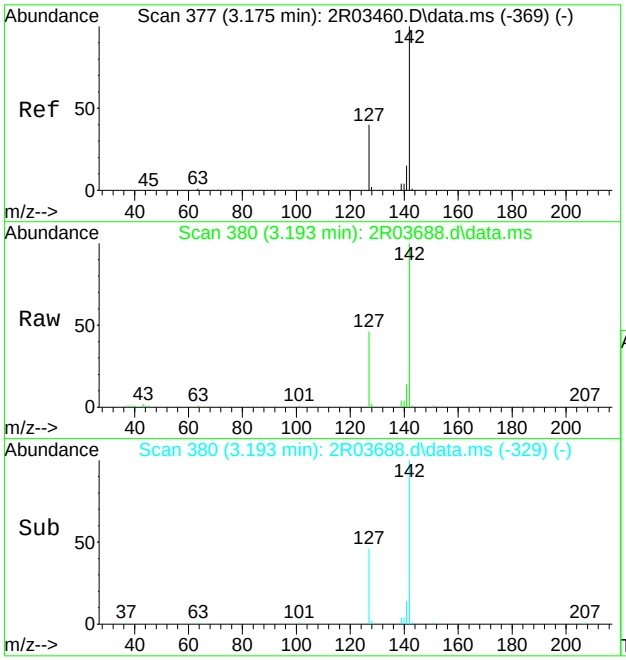


#19
acetonitrile
Concen: 115.5289 ug/L
RT: 3.333 min Scan# 403
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 41 Resp: 163962

Ion	Ratio	Lower	Upper
41	100		
40	51.6	22.9	82.9
39	17.8	0.0	48.7

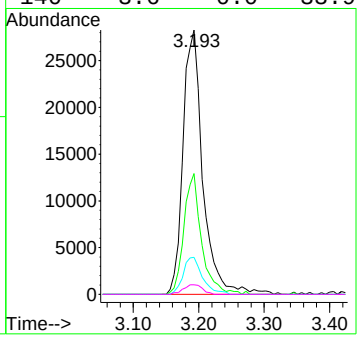


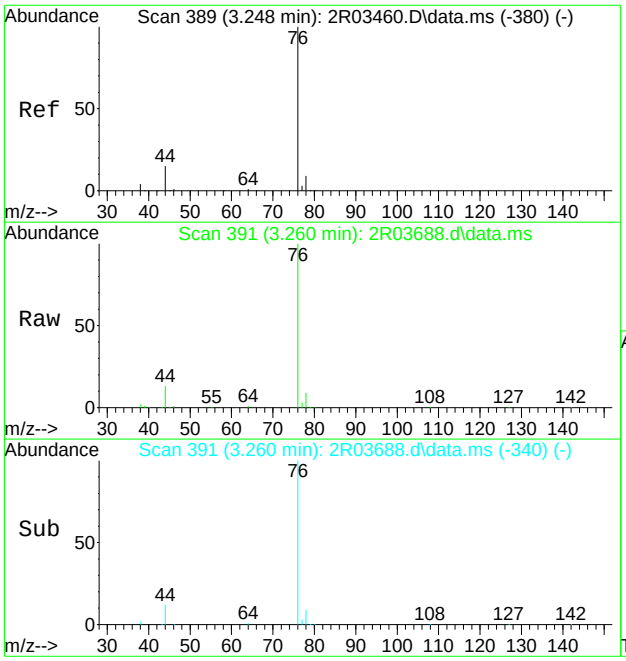


#20
iodomethane
Concen: 11.8863 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:142 Resp: 59542

Ion	Ratio	Lower	Upper
142	100		
127	45.7	8.8	68.8
141	14.0	0.0	43.6
140	3.6	0.0	33.9

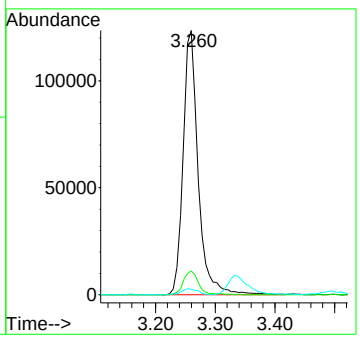


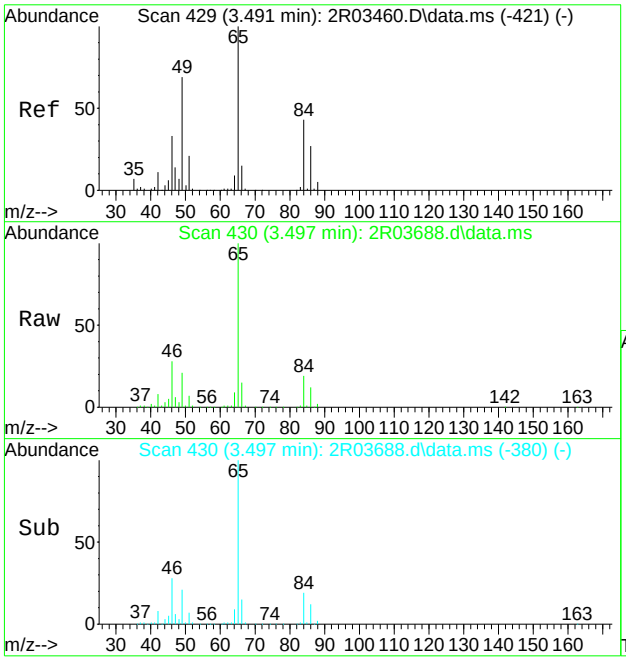


#21
carbon disulfide
Concen: 19.5109 ug/L
RT: 3.260 min Scan# 391
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 76 Resp: 218336

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	38.5
38	2.1	0.0	34.3

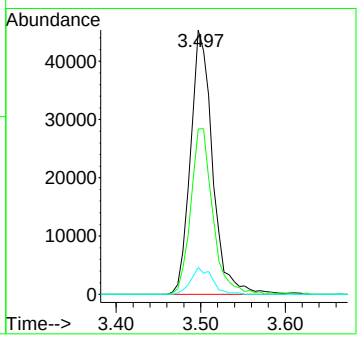


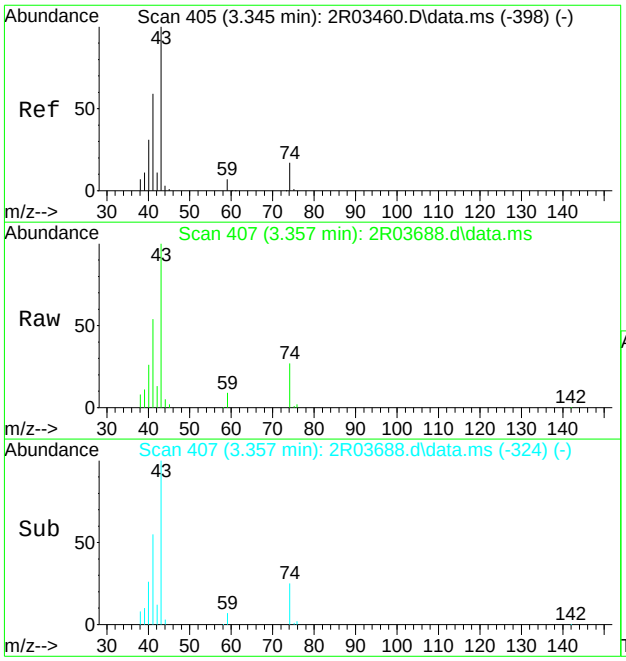


#22
methylene chloride
Concen: 20.4963 ug/L
RT: 3.497 min Scan# 430
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 84 Resp: 82214

Ion	Ratio	Lower	Upper
84	100		
86	62.5	32.5	92.5
88	10.2	0.0	40.0

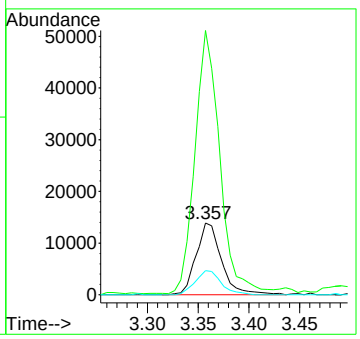


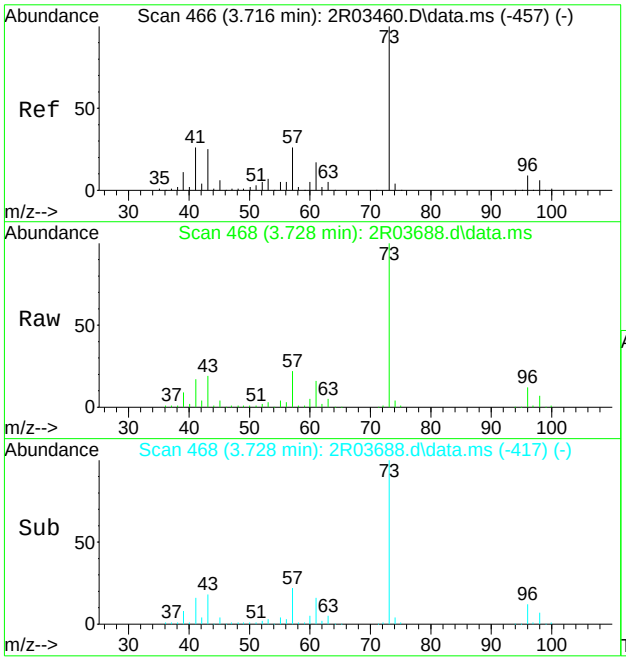


#23
methyl acetate
Concen: 21.8134 ug/L
RT: 3.357 min Scan# 407
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 74 Resp: 24262

Ion	Ratio	Lower	Upper
74	100		
43	366.0	551.2	611.2#
59	33.6	13.4	73.4

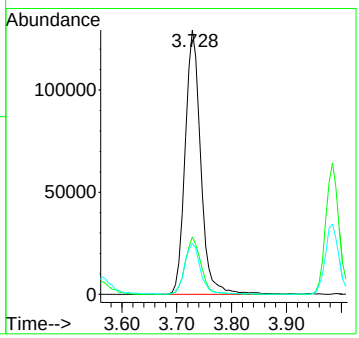


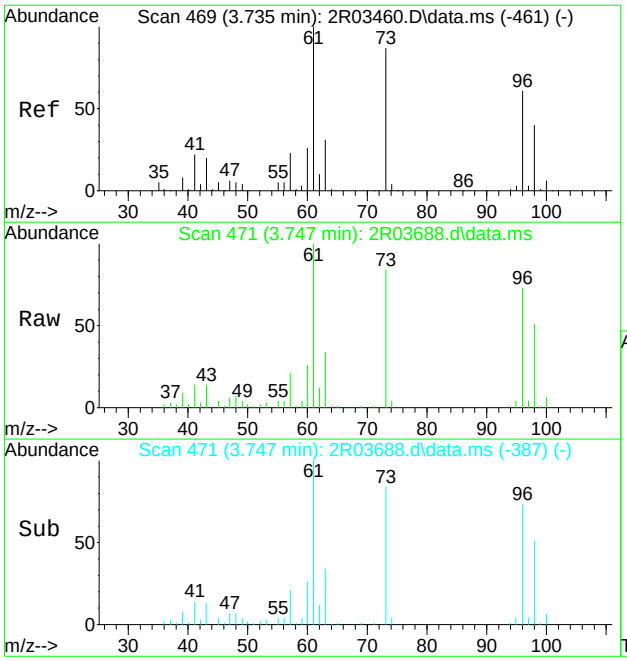


#24
methyl tert butyl ether
Concen: 18.6477 ug/L
RT: 3.728 min Scan# 468
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 73 Resp: 254635

Ion	Ratio	Lower	Upper
73	100		
57	21.8	0.0	56.0
43	19.2	0.0	55.3

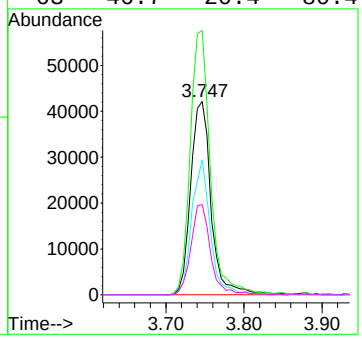


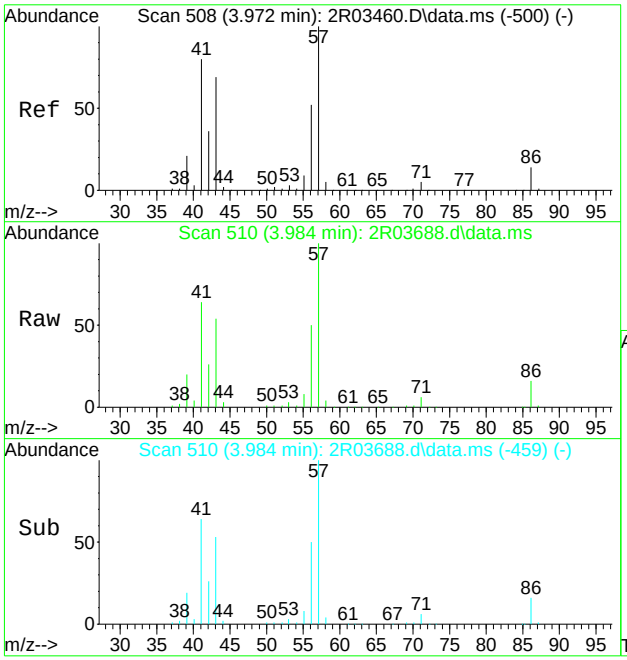


#25
trans-1,2-dichloroethene
Concen: 20.0491 ug/L
RT: 3.747 min Scan# 471
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 96 Resp: 76509

Ion	Ratio	Lower	Upper
96	100		
61	136.8	137.2	197.2#
98	69.9	35.2	95.2
63	46.7	20.4	80.4

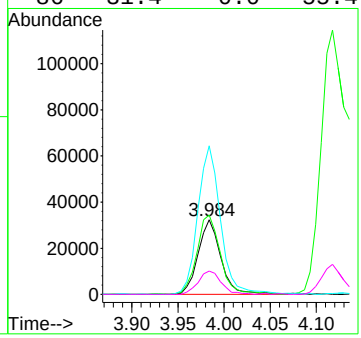


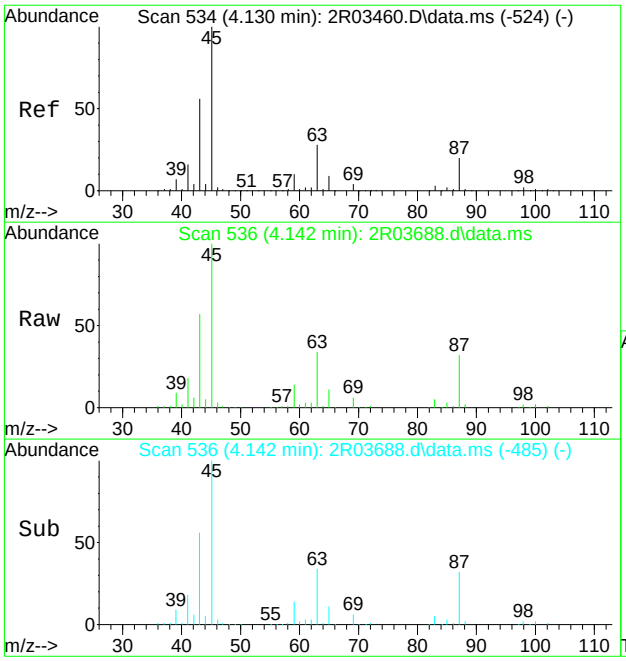


#26
hexane
Concen: 13.4488 ug/L
RT: 3.984 min Scan# 510
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 56 Resp: 55404

Ion	Ratio	Lower	Upper
56	100		
43	105.9	100.9	160.9
57	199.0	156.3	216.3
86	31.4	0.0	55.4

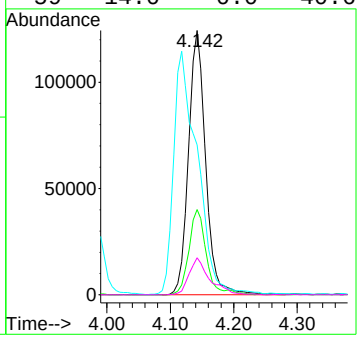


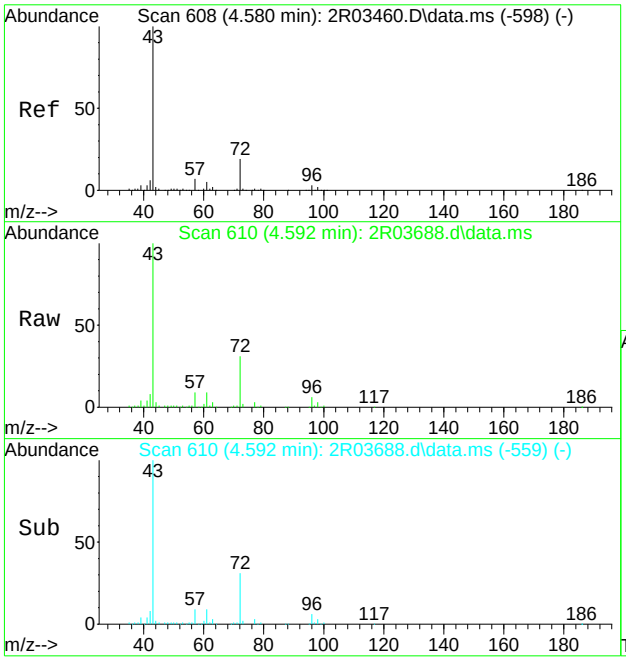


#27
di-isopropyl ether
Concen: 13.2691 ug/L
RT: 4.142 min Scan# 536
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 45 Resp: 234153

Ion	Ratio	Lower	Upper
45	100		
87	32.2	0.0	49.8
43	56.2	21.0	81.0
59	14.0	0.0	40.6

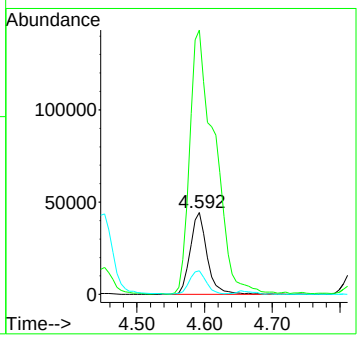


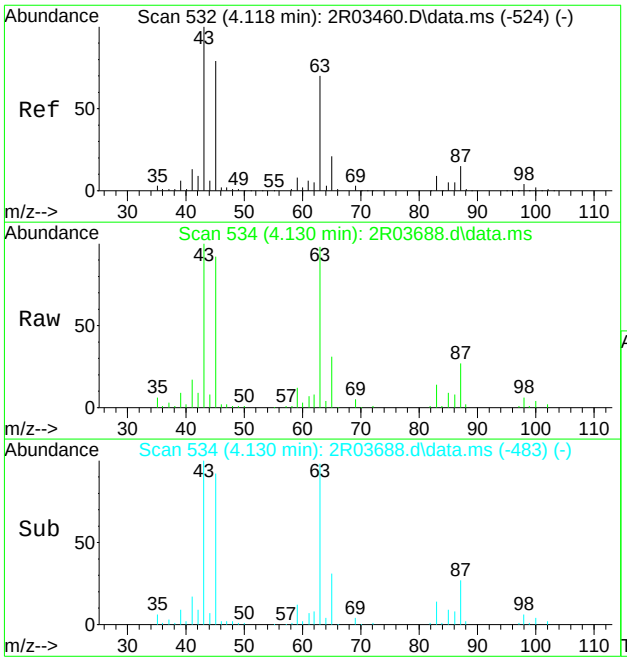


#28
2-butanone
Concen: 93.0872 ug/L
RT: 4.592 min Scan# 610
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 72 Resp: 76904

Ion	Ratio	Lower	Upper
72	100		
43	322.0	474.4	534.4#
57	29.0	5.9	65.9

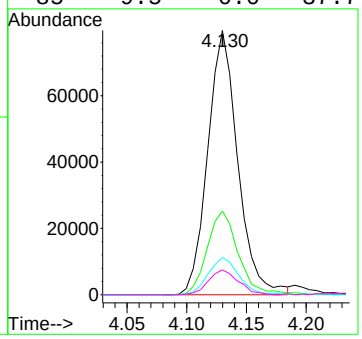


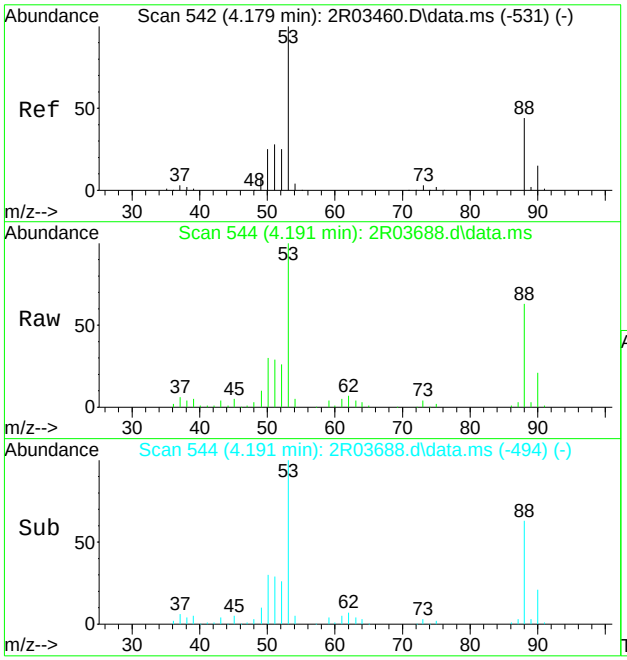


#29
1,1-dichloroethane
Concen: 17.0881 ug/L
RT: 4.130 min Scan# 534
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 63 Resp: 139092

Ion	Ratio	Lower	Upper
63	100		
65	31.7	1.0	61.0
83	14.1	0.0	42.5
85	9.5	0.0	37.7

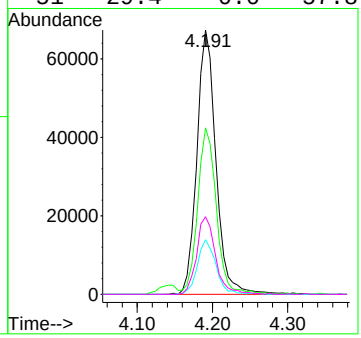


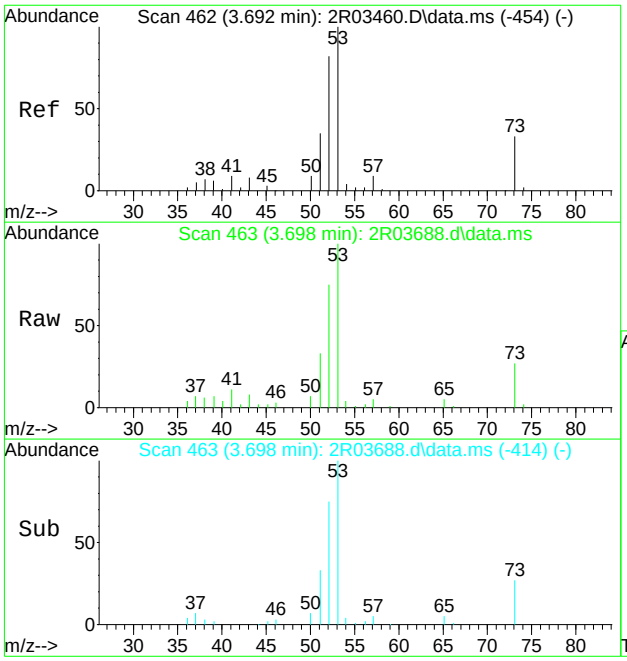


#30
chloroprene
Concen: 15.1451 ug/L
RT: 4.191 min Scan# 544
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 53 Resp: 118548

Ion	Ratio	Lower	Upper
53	100		
88	62.5	17.0	77.0
90	20.7	0.0	45.0
51	29.4	0.0	57.8

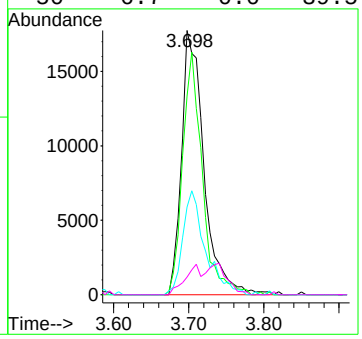


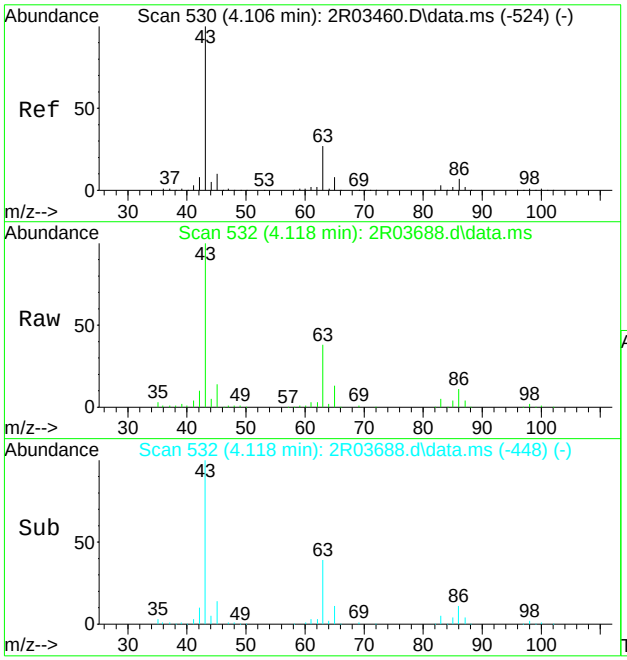


#31
acrylonitrile
Concen: 11.6065 ug/L
RT: 3.698 min Scan# 463
Delta R.T. -0.000 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 53 Resp: 36745

Ion	Ratio	Lower	Upper
53	100		
52	75.2	48.6	108.6
51	33.2	5.3	65.3
50	6.7	0.0	39.5

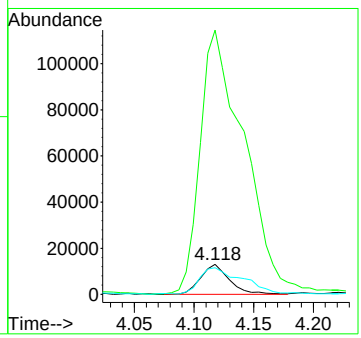


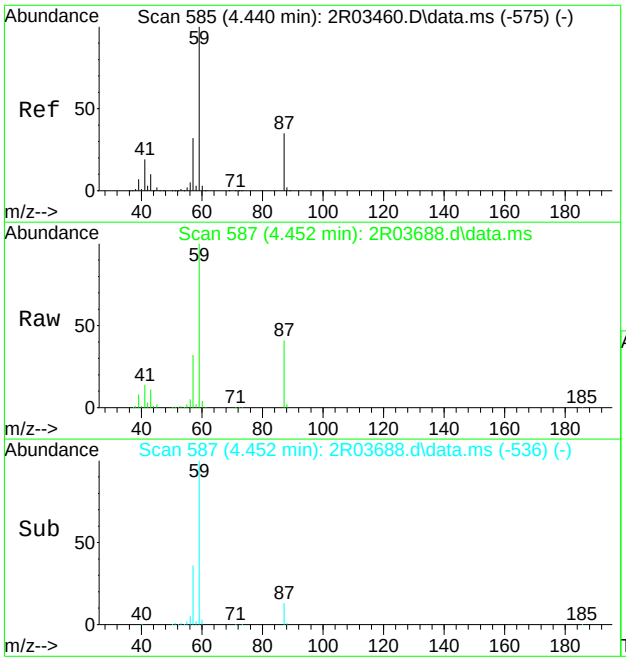


#32
vinyl acetate
Concen: 36.6989 ug/L
RT: 4.118 min Scan# 532
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 86 Resp: 21999

Ion	Ratio	Lower	Upper
86	100		
43	875.5	1491.9	1551.9#
42	86.2	93.9	153.9#

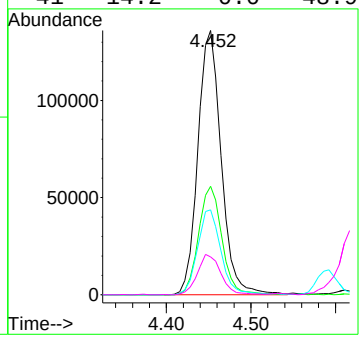


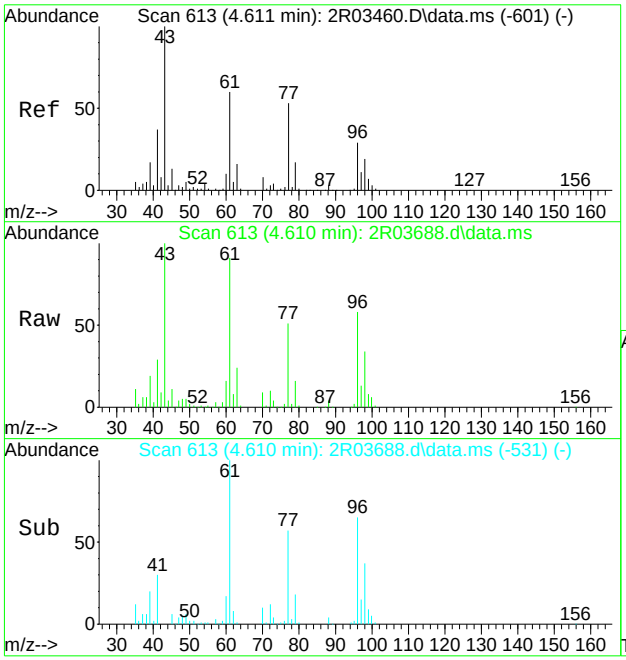


#33
ethyl tert-butyl ether
Concen: 17.4722 ug/L
RT: 4.452 min Scan# 587
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 59 Resp: 261119

Ion	Ratio	Lower	Upper
59	100		
87	41.0	5.0	65.0
57	32.1	2.2	62.2
41	14.2	0.0	48.9

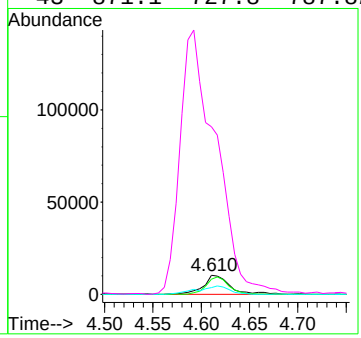


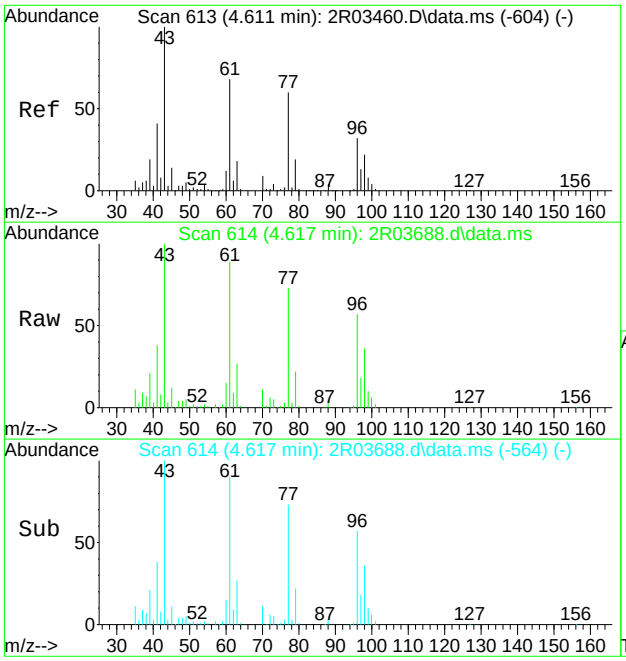


#34
ethyl acetate
Concen: 14.3766 ug/L
RT: 4.610 min Scan# 613
Delta R.T. -0.000 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 45 Resp: 20274

Ion	Ratio	Lower	Upper
45	100		
70	80.1	35.7	95.7
73	35.2	0.0	58.5
43	871.1	727.8	787.8#

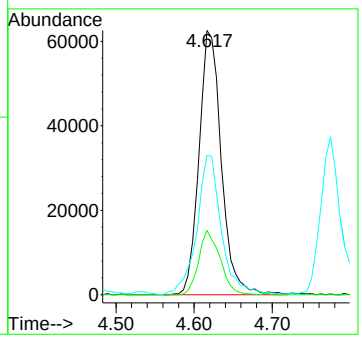


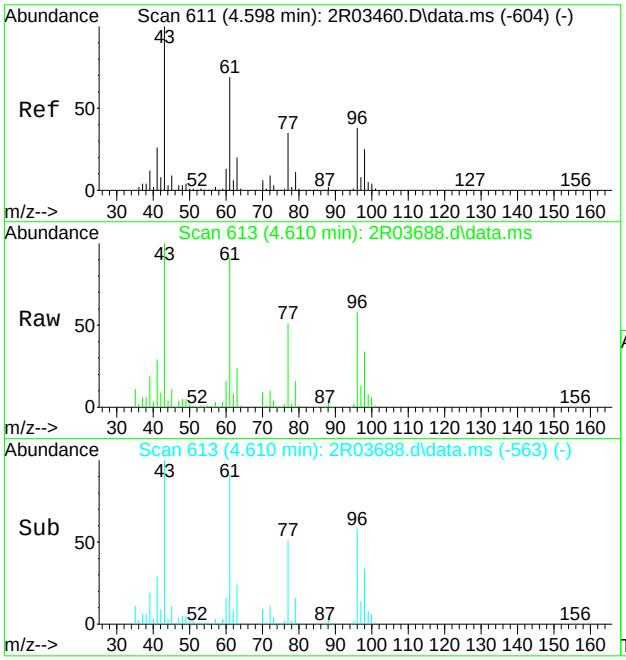


#35
2,2-dichloropropane
Concen: 20.4735 ug/L
RT: 4.617 min Scan# 614
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 77 Resp: 124223

Ion	Ratio	Lower	Upper
77	100		
97	24.4	0.0	52.0
41	52.4	38.0	98.0

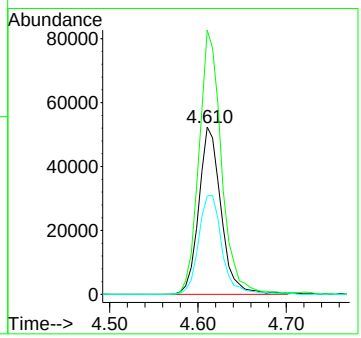


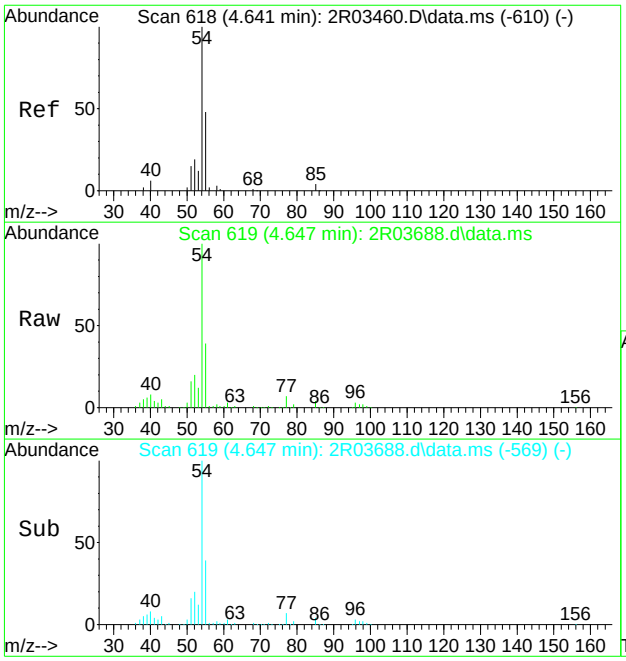


#36
cis-1,2-dichloroethene
Concen: 21.4491 ug/L
RT: 4.610 min Scan# 613
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 96 Resp: 92413

Ion	Ratio	Lower	Upper
96	100		
61	157.9	159.0	219.0#
98	58.8	35.2	95.2

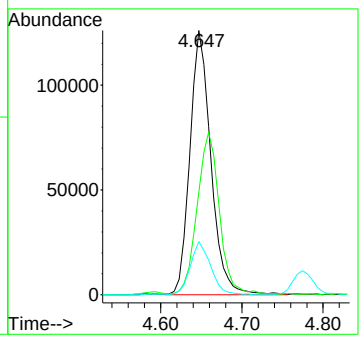


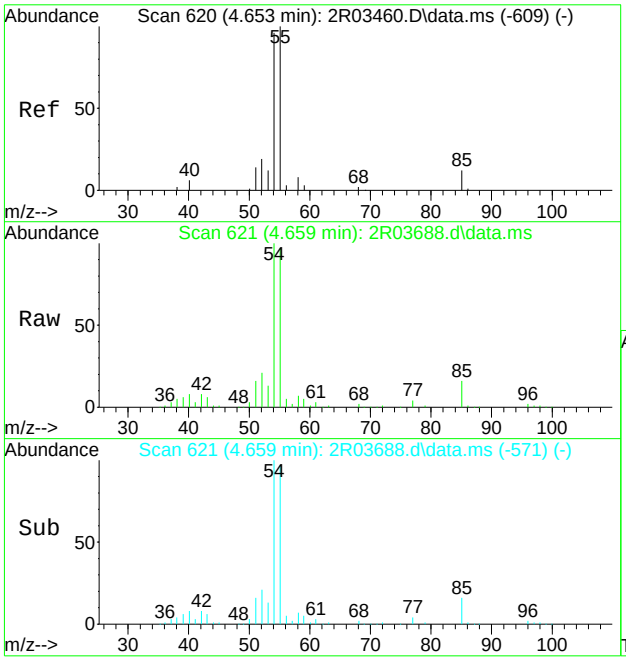


#37
propionitrile
Concen: 157.6271 ug/L
RT: 4.647 min Scan# 619
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 54 Resp: 227019

Ion	Ratio	Lower	Upper
54	100		
55	38.4	20.4	80.4
52	20.0	0.0	50.2

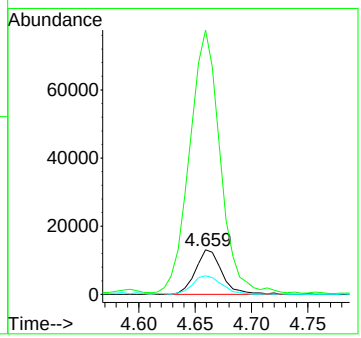


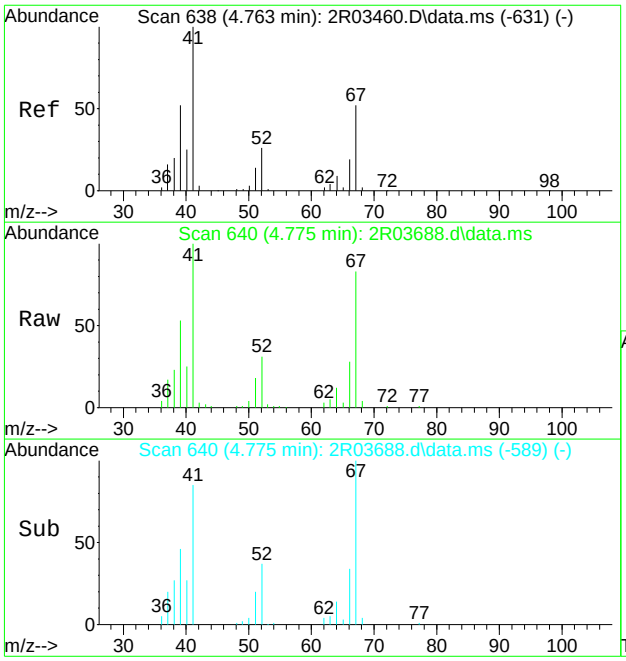


#38
methyl acrylate
Concen: 23.6688 ug/L
RT: 4.659 min Scan# 621
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 85 Resp: 21324

Ion	Ratio	Lower	Upper
85	100		
55	588.3	817.2	857.2#
58	41.9	44.7	84.7#

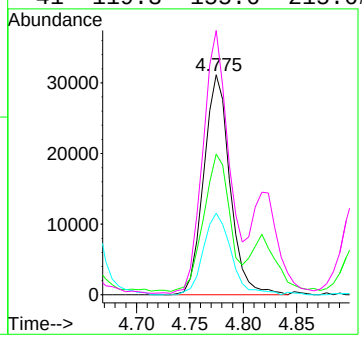


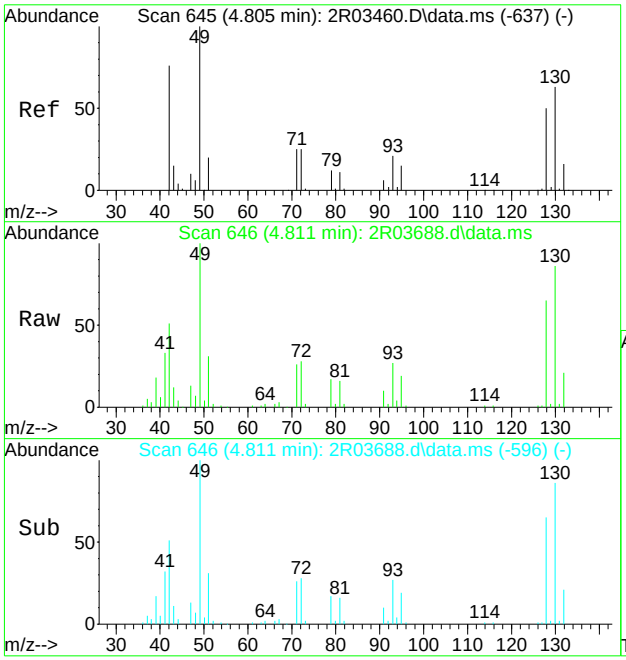


#39
methacrylonitrile
Concen: 20.6845 ug/L
RT: 4.775 min Scan# 640
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 67 Resp: 53155

Ion	Ratio	Lower	Upper
67	100		
39	61.8	70.3	130.3#
52	37.2	18.2	78.2
41	119.3	155.6	215.6#

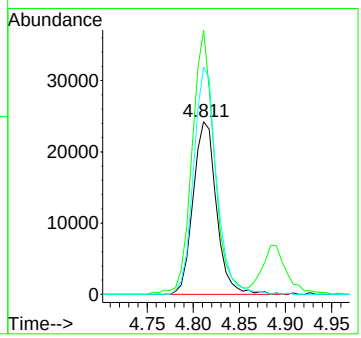


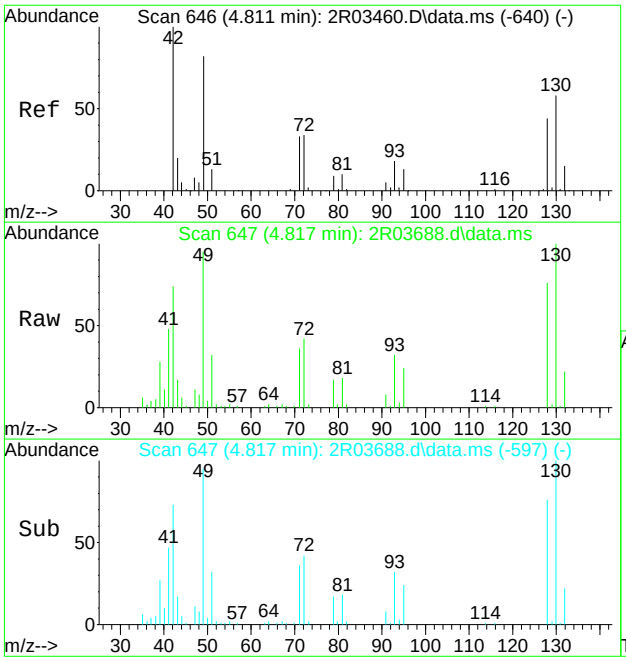


#40
bromochloromethane
Concen: 20.7775 ug/L
RT: 4.811 min Scan# 646
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:128 Resp: 42612

Ion	Ratio	Lower	Upper
128	100		
49	150.7	184.6	244.6#
130	131.6	103.2	163.2

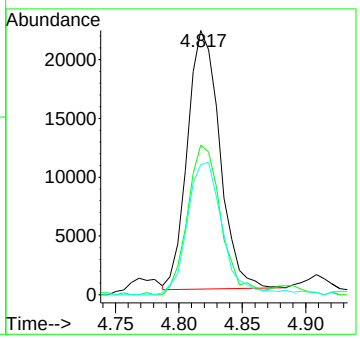


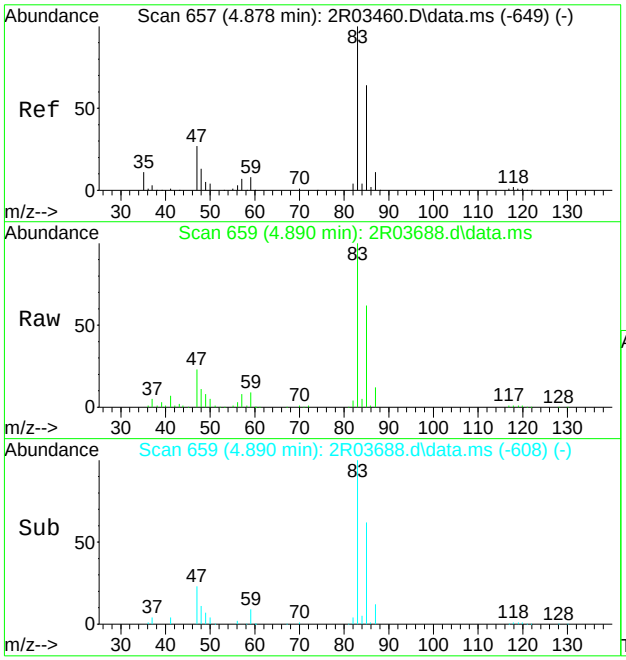


#41
tetrahydrofuran
Concen: 11.4761 ug/L
RT: 4.817 min Scan# 647
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 42 Resp: 38995

Ion	Ratio	Lower	Upper
42	100		
72	58.2	4.8	64.8
71	49.7	2.6	62.6

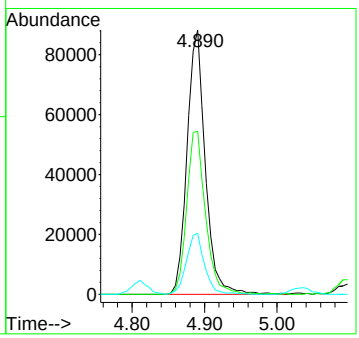


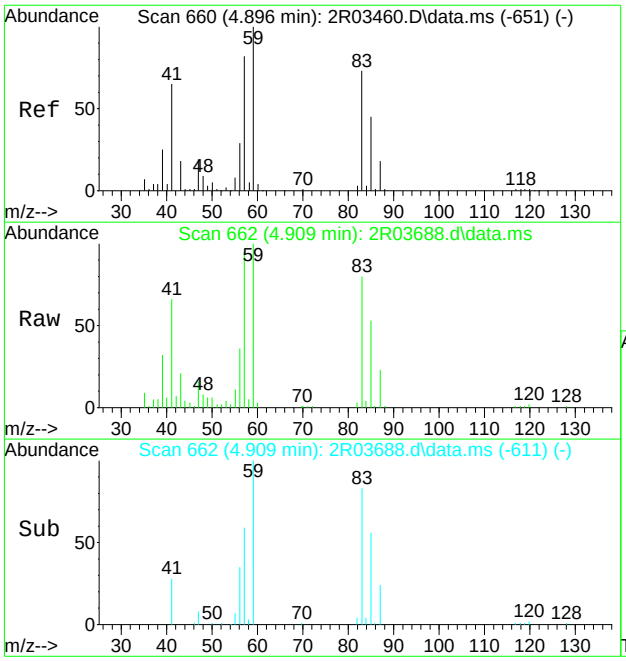


#42
chloroform
Concen: 18.6664 ug/L
RT: 4.890 min Scan# 659
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 83 Resp: 153964

Ion	Ratio	Lower	Upper
83	100		
85	61.7	34.0	94.0
47	22.9	0.0	59.2

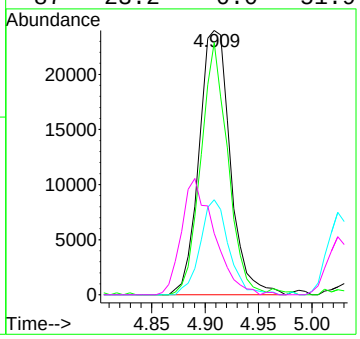


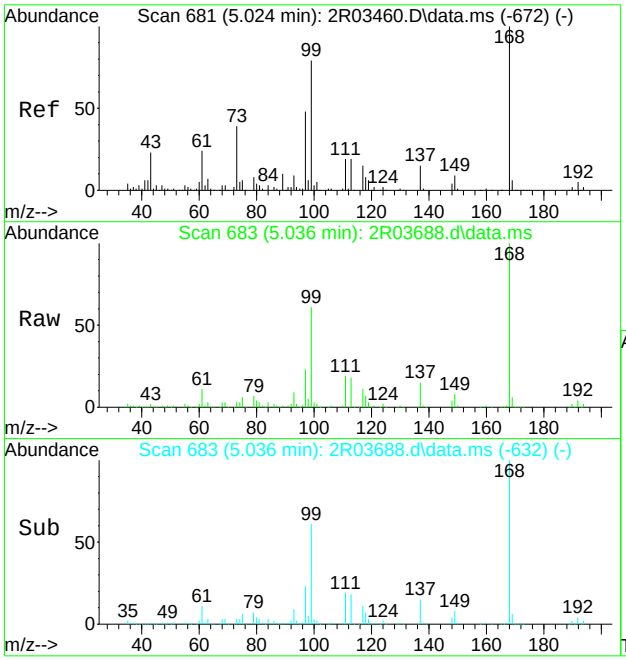


#43
tert-Butyl Formate
Concen: 23.5527 ug/L
RT: 4.909 min Scan# 662
Delta R.T. 0.013 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 59 Resp: 48714

Ion	Ratio	Lower	Upper
59	100		
57	95.4	55.3	115.3
56	36.0	0.0	59.1
87	23.2	0.0	51.9

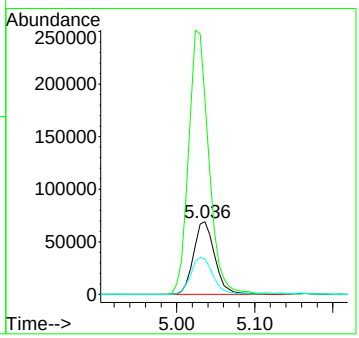


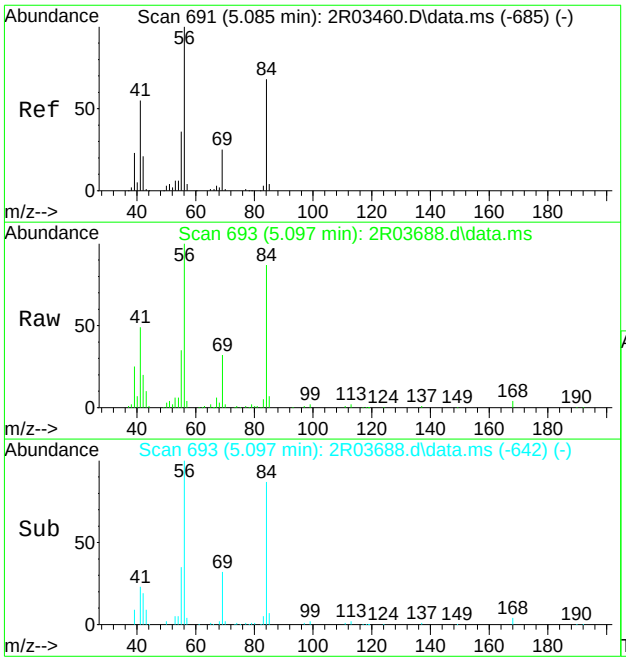


#45
1,1,1-trichloroethane
Concen: 20.3482 ug/L
RT: 5.036 min Scan# 683
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 97 Resp: 130982

Ion	Ratio	Lower	Upper
97	100		
99	269.0	132.5	192.5#
61	48.8	19.5	79.5

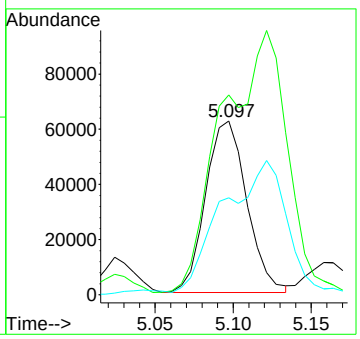


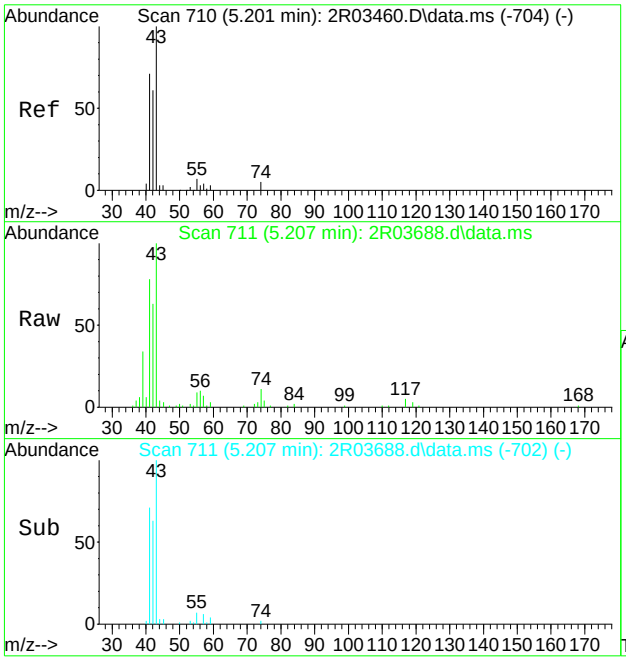


#46
cyclohexane
Concen: 20.1117 ug/L
RT: 5.097 min Scan# 693
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 84 Resp: 113966

Ion	Ratio	Lower	Upper
84	100		
56	114.9	122.5	182.5#
41	54.4	54.9	114.9#

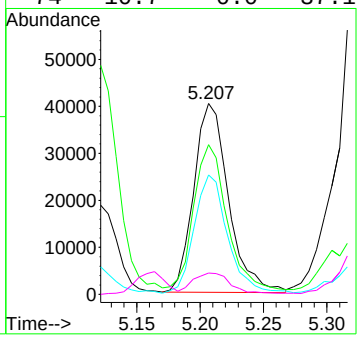


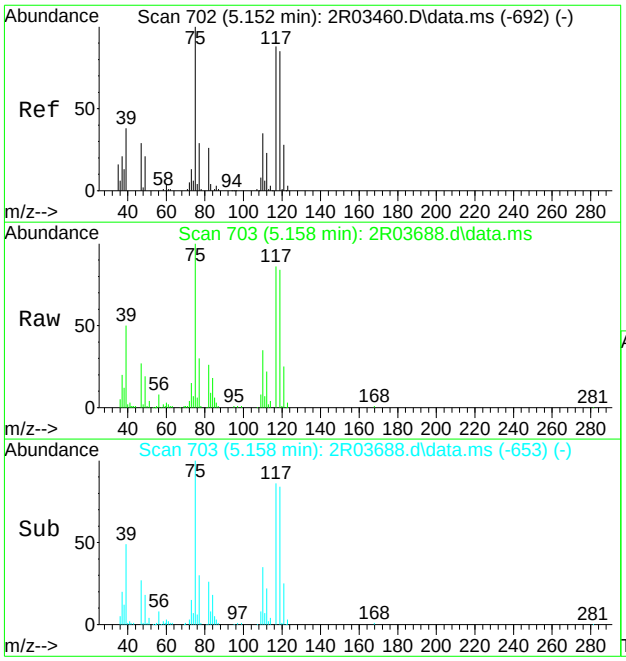


#47
isobutyl alcohol
Concen: 141.2472 ug/L
RT: 5.207 min Scan# 711
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 43 Resp: 76655

Ion	Ratio	Lower	Upper
43	100		
41	76.7	40.3	100.3
42	62.6	29.8	89.8
74	10.7	0.0	37.1

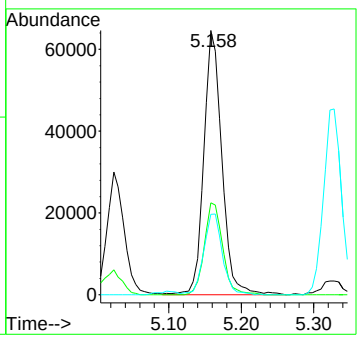


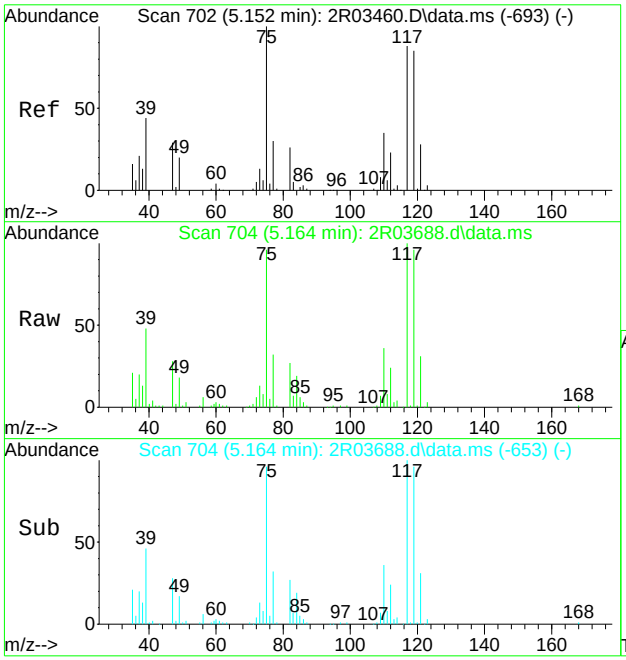


#48
1,1-dichloropropene
Concen: 20.1573 ug/L
RT: 5.158 min Scan# 703
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 75 Resp: 112227

Ion	Ratio	Lower	Upper
75	100		
110	34.8	13.9	53.9
77	30.5	10.4	50.4

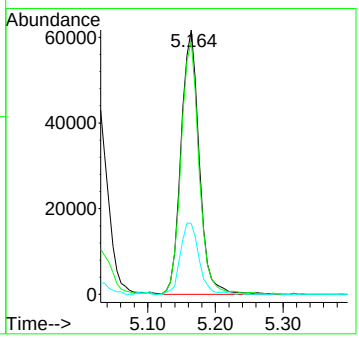


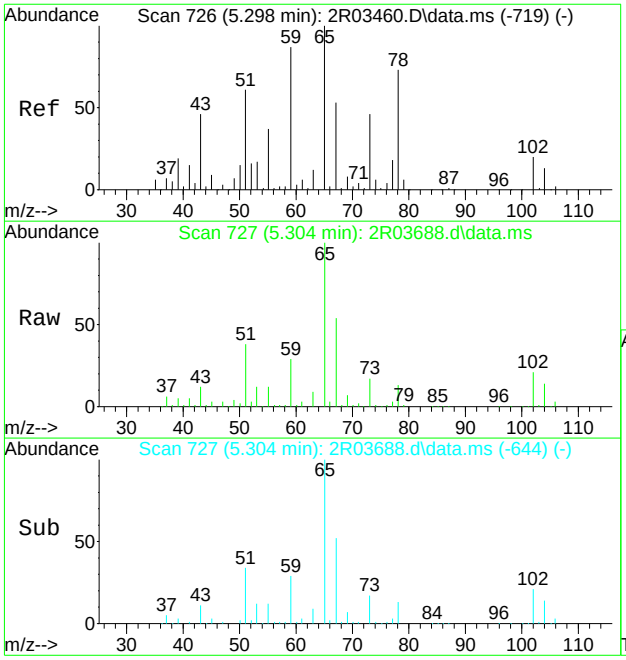


#49
carbon tetrachloride
Concen: 20.8078 ug/L
RT: 5.164 min Scan# 704
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:117 Resp: 115301

Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.2	113.2
82	26.9	0.0	58.4

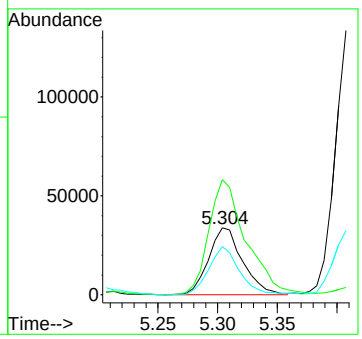


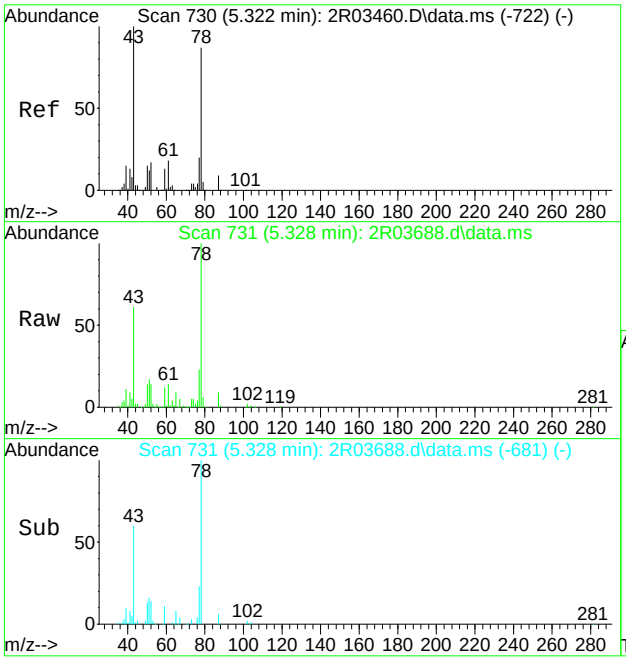


#50
tert-amyl alcohol
Concen: 107.1673 ug/L
RT: 5.304 min Scan# 727
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 73 Resp: 67048

Ion	Ratio	Lower	Upper
73	100		
59	172.4	165.8	205.8
55	71.9	50.6	110.6

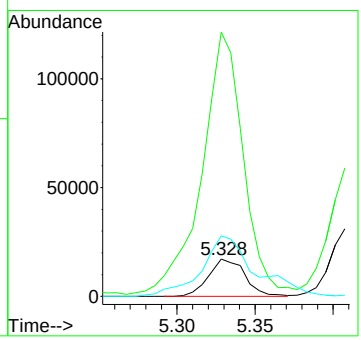


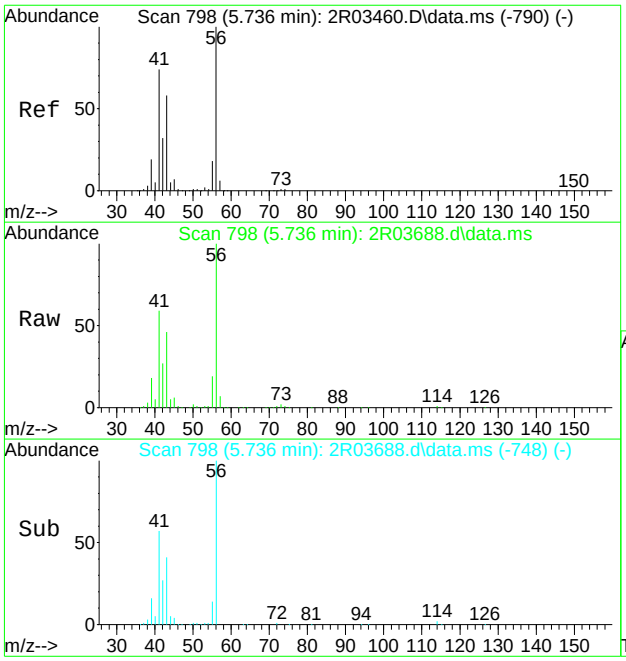


#51
isopropyl acetate
Concen: 21.9215 ug/L
RT: 5.328 min Scan# 731
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 87 Resp: 27874

Ion	Ratio	Lower	Upper
87	100		
43	684.2	1062.3	1122.3#
61	142.4	162.1	222.1#

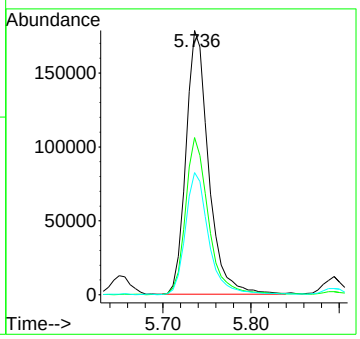


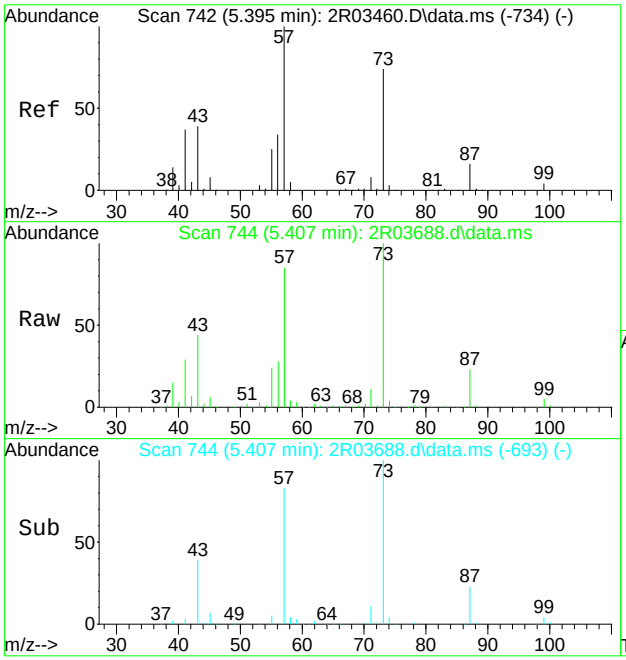


#54
n-butyl alcohol
Concen: 845.4522 ug/L
RT: 5.736 min Scan# 798
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 56 Resp: 318102

Ion	Ratio	Lower	Upper
56	100		
41	59.5	44.9	104.9
43	46.1	29.1	89.1

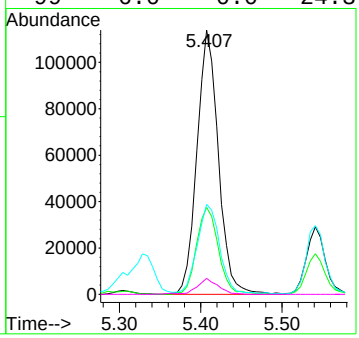


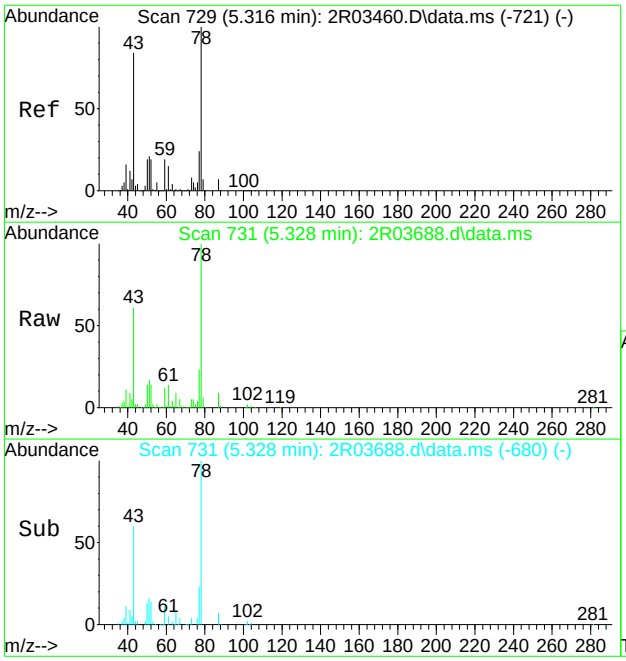


#55
2,2,4-trimethylpentane
Concen: 13.2563 ug/L
RT: 5.407 min Scan# 744
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 57 Resp: 208823

Ion	Ratio	Lower	Upper
57	100		
56	32.8	4.2	64.2
41	33.8	6.9	66.9
99	6.0	0.0	24.3

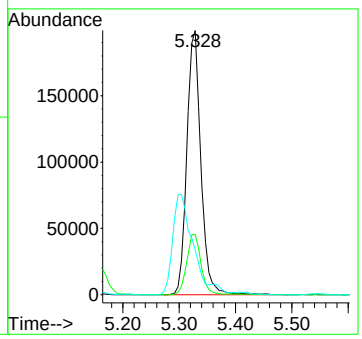


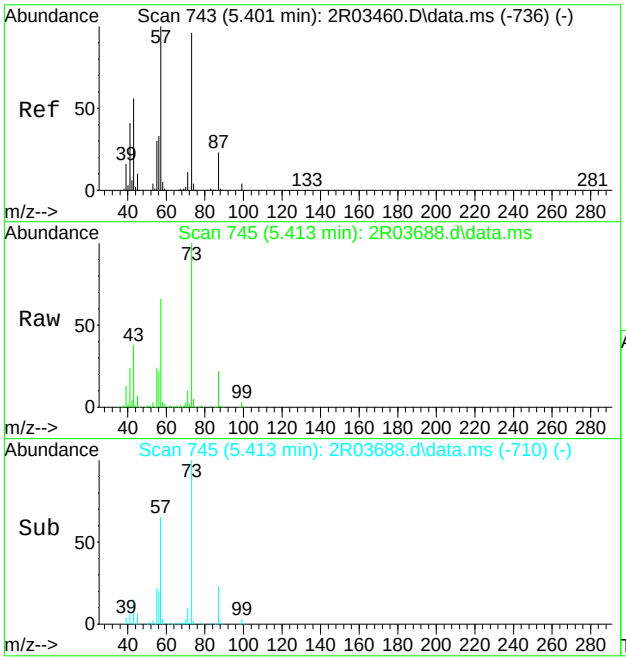


#56
benzene
Concen: 18.6817 ug/L
RT: 5.328 min Scan# 731
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 78 Resp: 344319

Ion	Ratio	Lower	Upper
78	100		
77	22.8	0.0	53.7
51	16.9	0.0	53.3

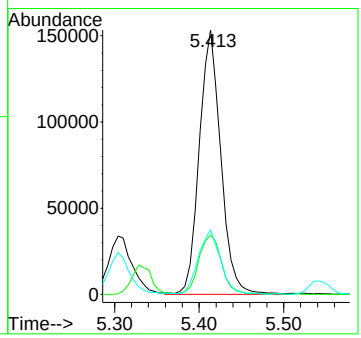


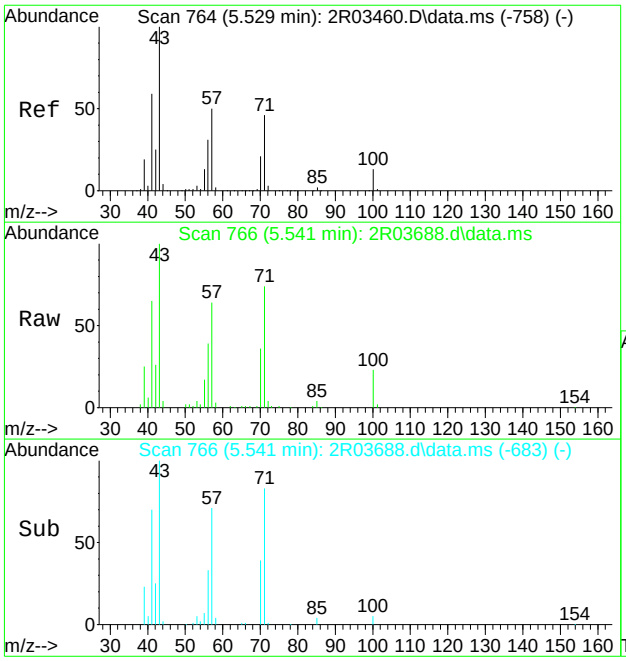


#57
tert-amyl methyl ether
Concen: 19.4095 ug/L
RT: 5.413 min Scan# 745
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 73 Resp: 271652

Ion	Ratio	Lower	Upper
73	100		
87	22.6	0.0	53.3
55	24.6	1.3	61.3

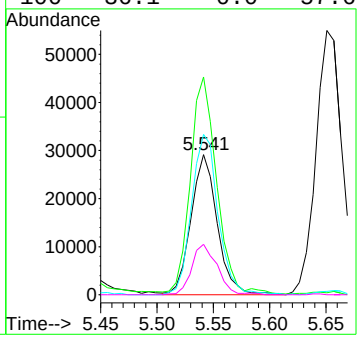


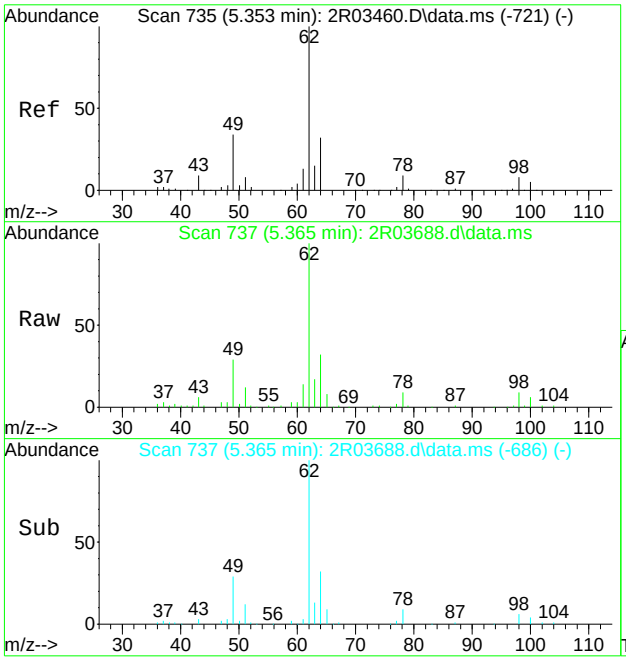


#58
heptane
Concen: 13.3660 ug/L
RT: 5.541 min Scan# 766
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 57 Resp: 47215

Ion	Ratio	Lower	Upper
57	100		
43	154.7	174.2	234.2#
71	114.3	66.6	126.6
100	36.1	0.0	57.6

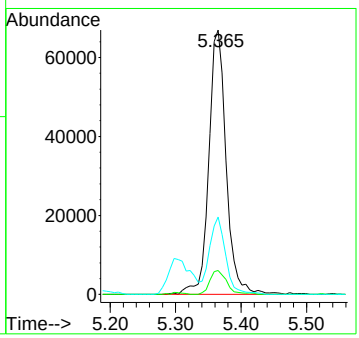


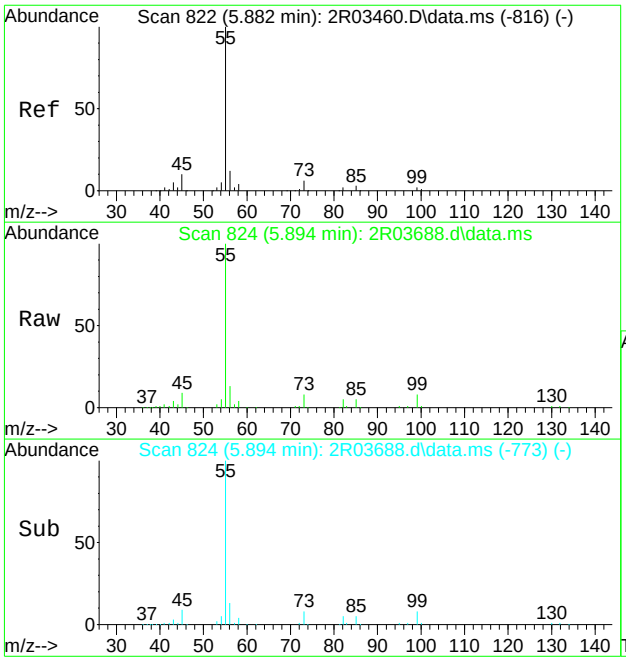


#59
1,2-dichloroethane
Concen: 15.9473 ug/L
RT: 5.365 min Scan# 737
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 62 Resp: 123330

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	38.5
49	29.3	4.3	64.3

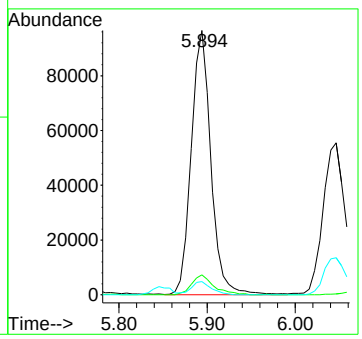


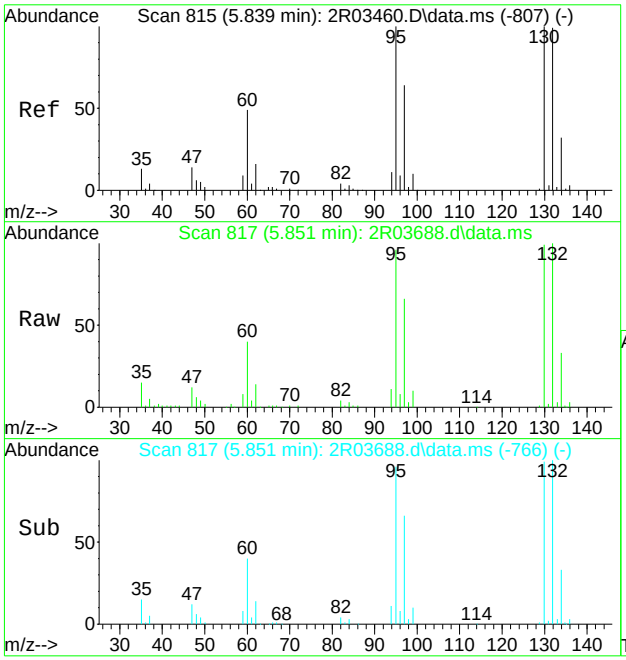


#60
ethyl acrylate
Concen: 15.7060 ug/L
RT: 5.894 min Scan# 824
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 55 Resp: 149956

Ion	Ratio	Lower	Upper
55	100		
73	7.5	0.0	26.2
82	5.1	0.0	23.6

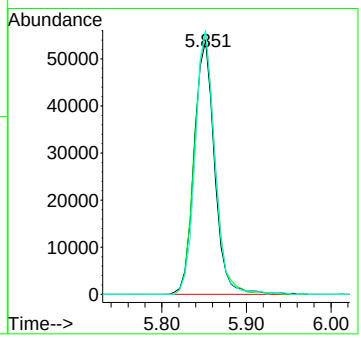


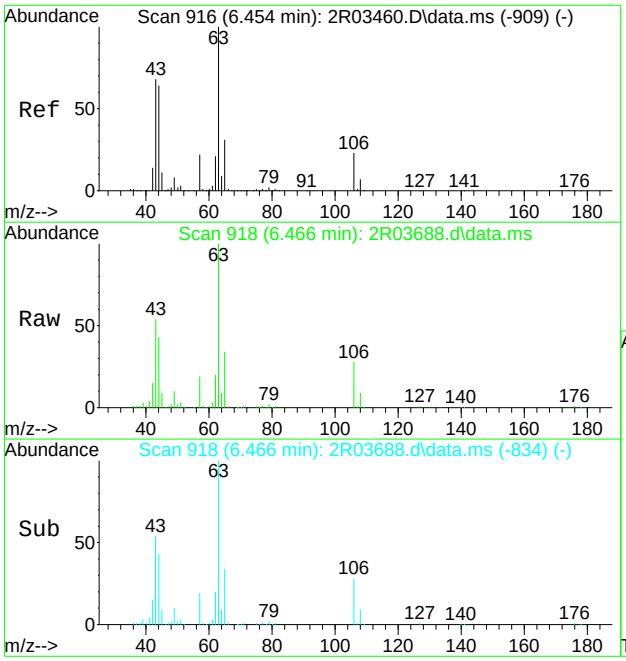


#61
trichloroethene
Concen: 19.3650 ug/L
RT: 5.851 min Scan# 817
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 95 Resp: 90644

Ion	Ratio	Lower	Upper
95	100		
130	103.6	67.3	127.3
132	104.3	67.9	127.9

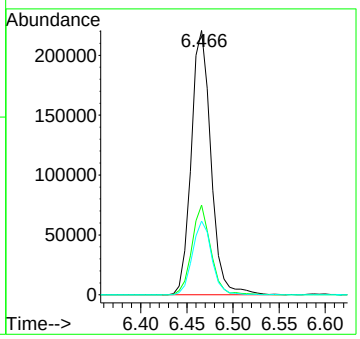


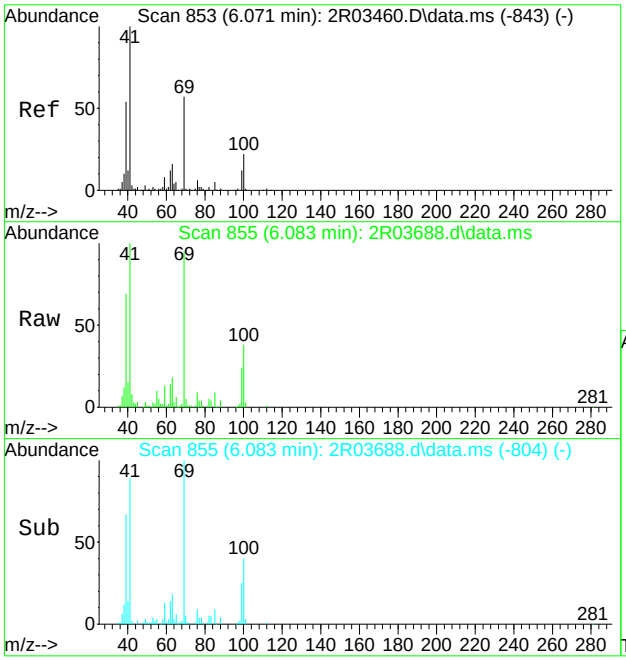


#62
2-chloroethyl vinyl ether
Concen: 88.7270 ug/L
RT: 6.466 min Scan# 918
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 63 Resp: 328588

Ion	Ratio	Lower	Upper
63	100		
65	33.9	0.9	60.9
106	27.9	0.0	53.4

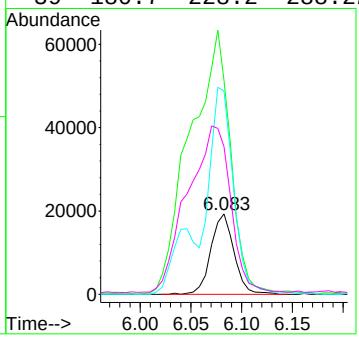


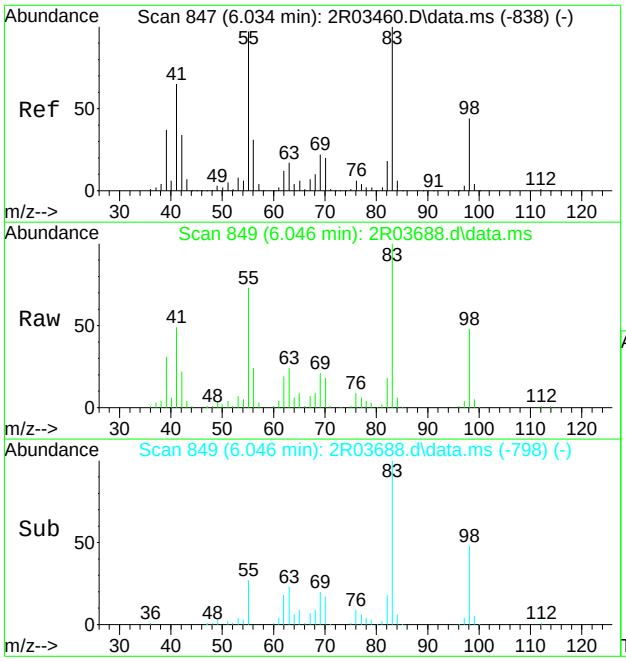


#63
methyl methacrylate
Concen: 20.0271 ug/L
RT: 6.083 min Scan# 855
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:100 Resp: 30802

Ion	Ratio	Lower	Upper
100	100		
41	261.7	448.0	508.0#
69	249.8	236.9	296.9
39	180.7	228.2	288.2#

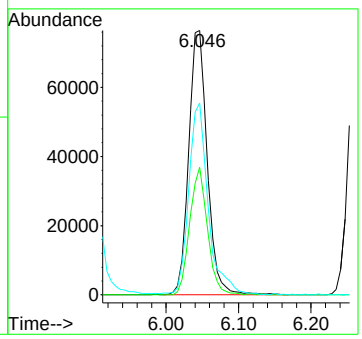


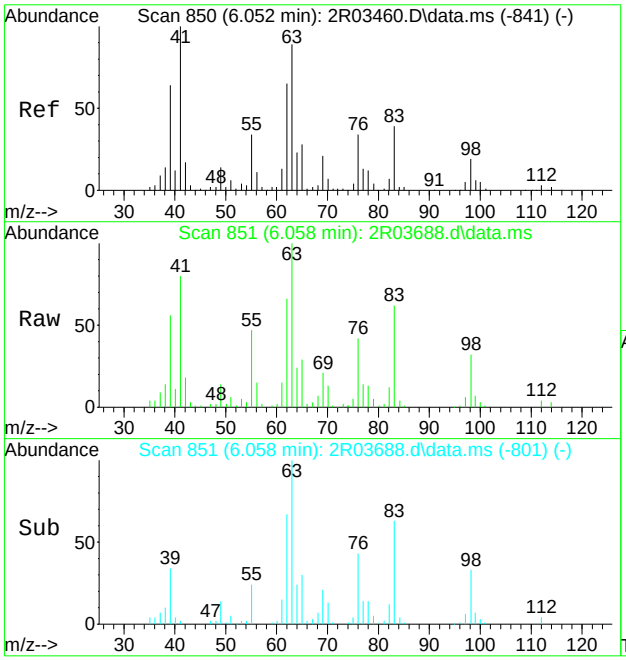


#64
methylcyclohexane
Concen: 17.1623 ug/L
RT: 6.046 min Scan# 849
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 83 Resp: 135918

Ion	Ratio	Lower	Upper
83	100		
98	48.2	24.3	64.3
55	72.5	77.0	117.0#

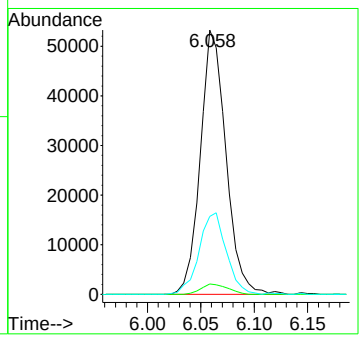




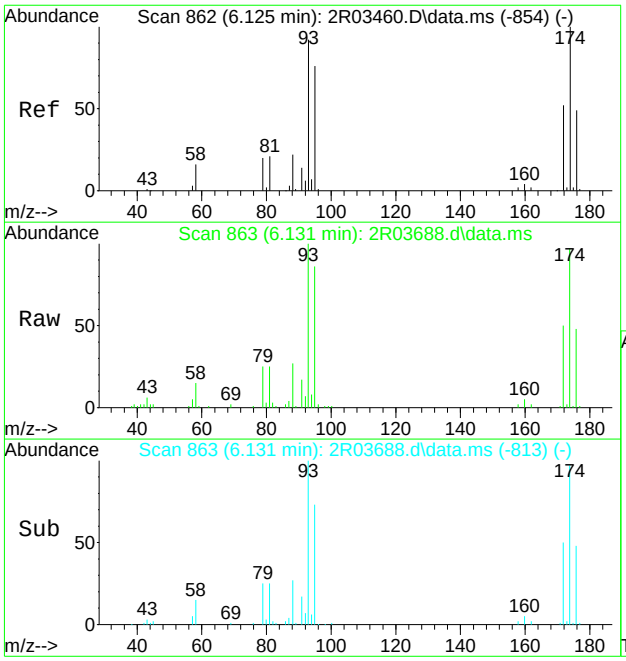
#65
1,2-dichloropropane
Concen: 16.6502 ug/L
RT: 6.058 min Scan# 851
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 63 Resp: 89128

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	33.8
65	29.5	0.8	60.8



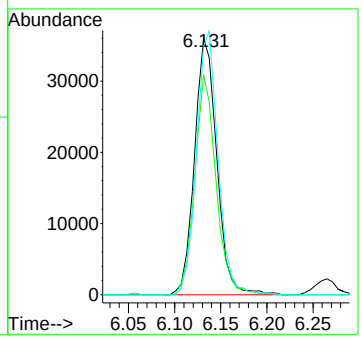
7.7.37

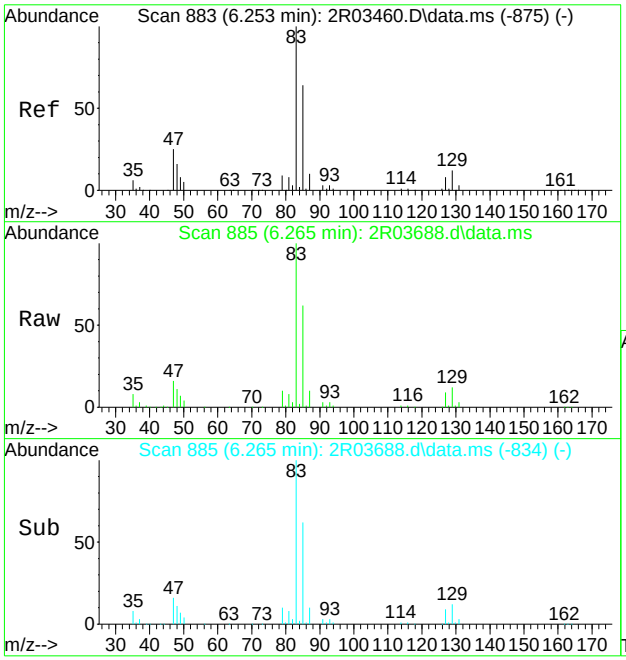


#66
dibromomethane
Concen: 19.9852 ug/L
RT: 6.131 min Scan# 863
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 93 Resp: 60682

Ion	Ratio	Lower	Upper
93	100		
95	85.9	57.3	117.3
174	96.7	79.3	139.3

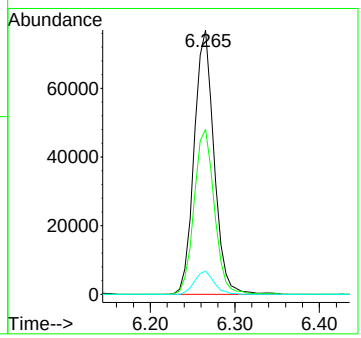


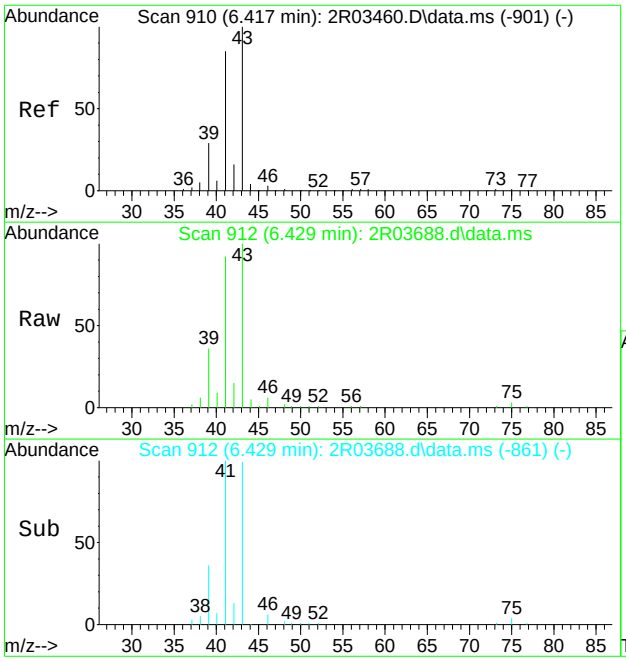


#67
bromodichloromethane
Concen: 19.9887 ug/L
RT: 6.265 min Scan# 885
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 83 Resp: 125933

Ion	Ratio	Lower	Upper
83	100		
85	62.4	32.6	92.6
127	8.8	0.0	38.2

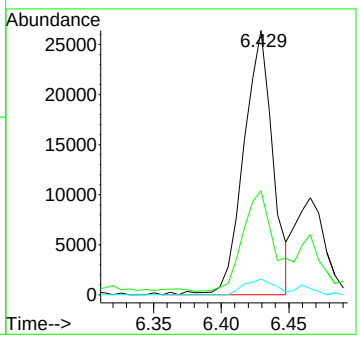


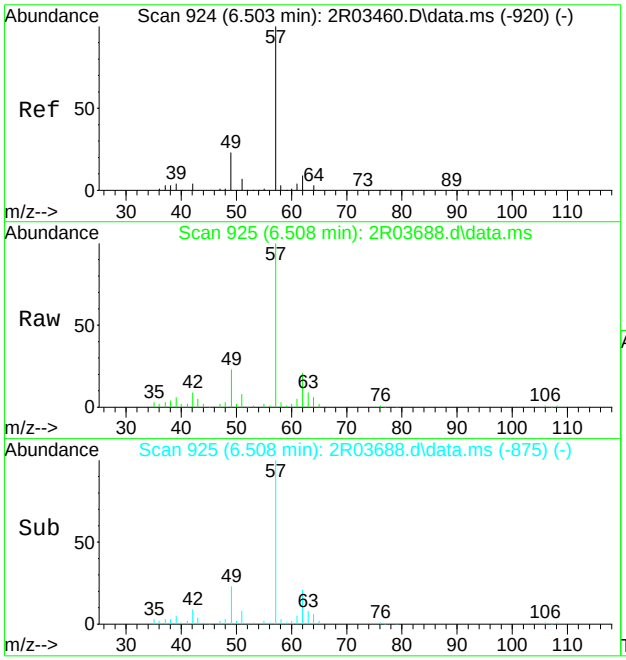


#68
2-nitropropane
Concen: 15.1043 ug/L
RT: 6.429 min Scan# 912
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 41 Resp: 39344

Ion	Ratio	Lower	Upper
41	100		
39	37.3	5.6	65.6
46	6.0	0.0	34.1

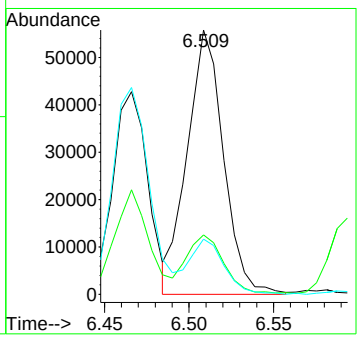


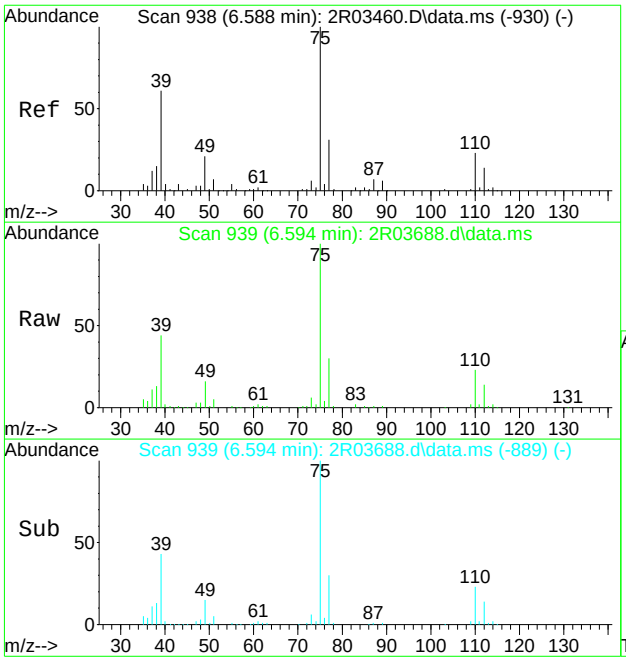


#69
epichlorohydrin
Concen: 74.2750 ug/L
RT: 6.508 min Scan# 925
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 57 Resp: 83361

Ion	Ratio	Lower	Upper
57	100		
49	22.1	0.0	57.1
62	21.1	0.0	47.4

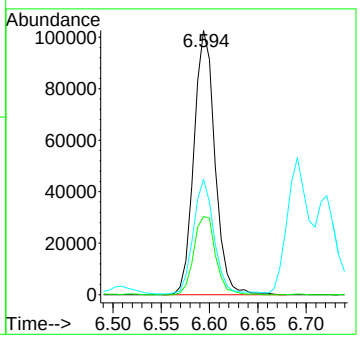


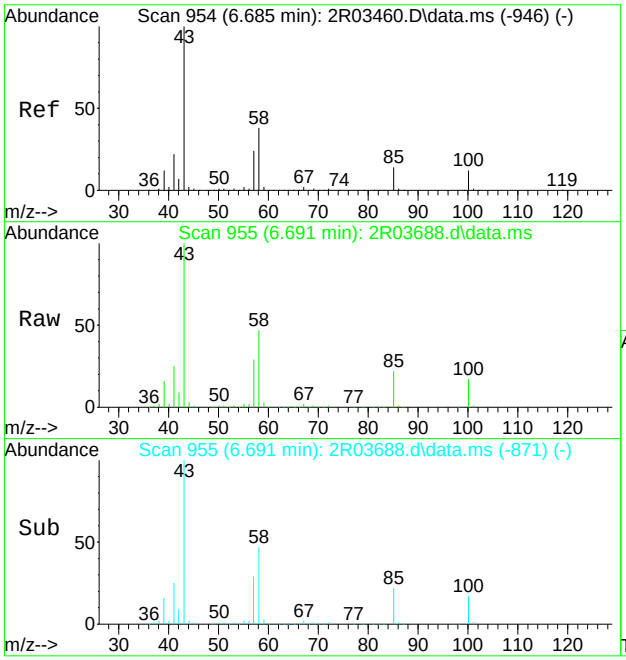


#70
cis-1,3-dichloropropene
Concen: 19.3257 ug/L
RT: 6.594 min Scan# 939
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 75 Resp: 155233

Ion	Ratio	Lower	Upper
75	100		
77	29.6	1.5	61.5
39	43.3	30.9	90.9

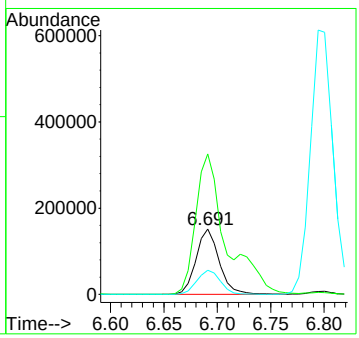


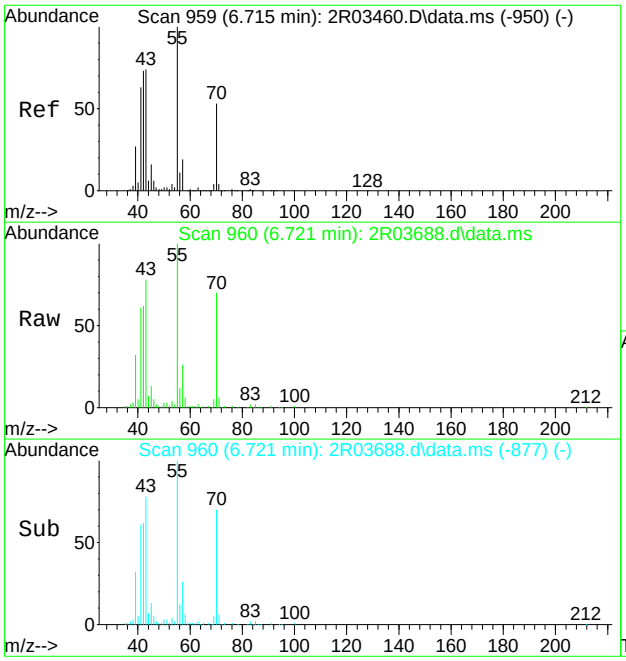


#71
4-methyl-2-pentanone
Concen: 67.3654 ug/L
RT: 6.691 min Scan# 955
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 58 Resp: 227934

Ion	Ratio	Lower	Upper
58	100		
43	214.7	245.1	305.1#
100	37.0	0.0	59.1

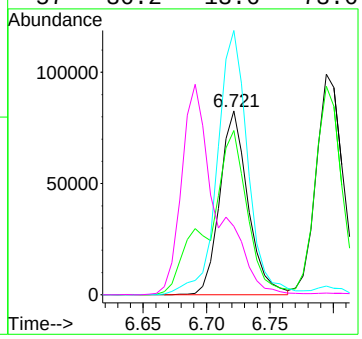


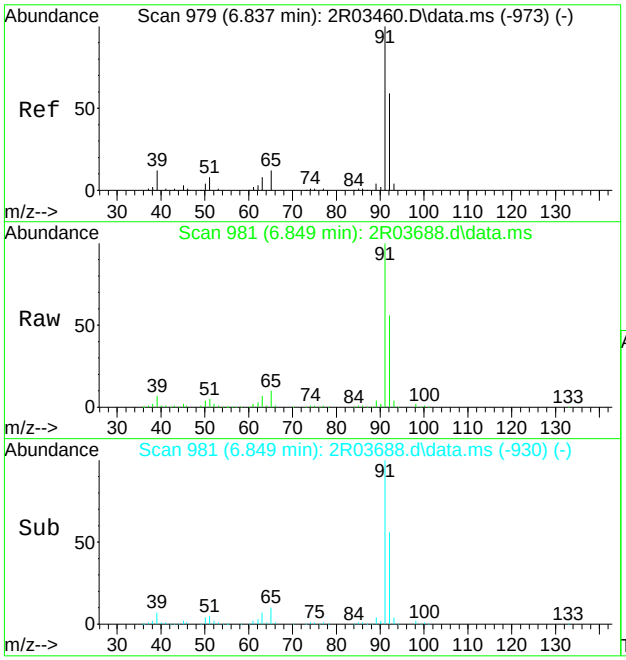


#72
isoamyl alcohol
Concen: 442.0792 ug/L
RT: 6.721 min Scan# 960
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 70 Resp: 127974

Ion	Ratio	Lower	Upper
70	100		
42	87.6	115.3	175.3#
55	143.3	163.0	223.0#
57	36.2	13.6	73.6

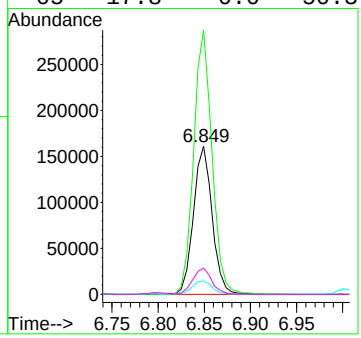


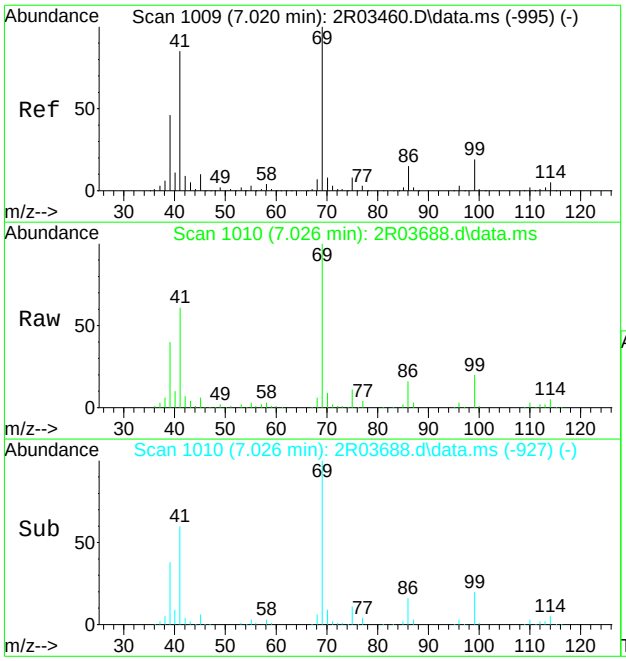


#75
toluene
Concen: 18.4866 ug/L
RT: 6.849 min Scan# 981
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 92 Resp: 227525

Ion	Ratio	Lower	Upper
92	100		
91	178.2	150.8	190.8
51	9.1	0.0	44.0
65	17.8	0.0	50.3

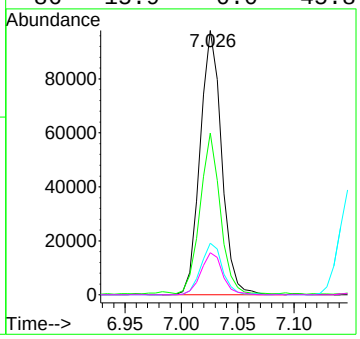


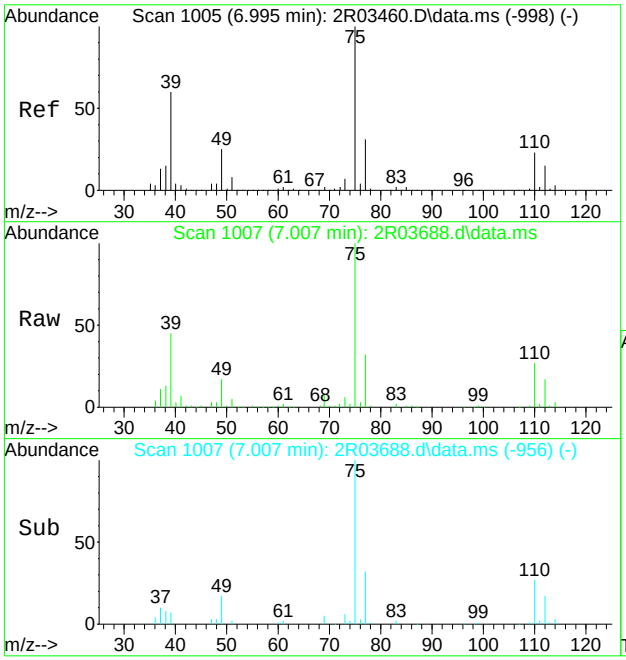


#76
ethyl methacrylate
Concen: 18.7613 ug/L
RT: 7.026 min Scan# 1010
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 69 Resp: 130025

Ion	Ratio	Lower	Upper
69	100		
41	60.3	64.9	104.9#
99	19.6	0.0	38.7
86	15.9	0.0	45.8

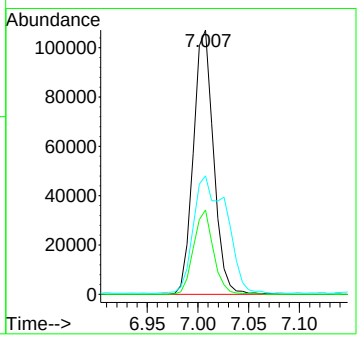


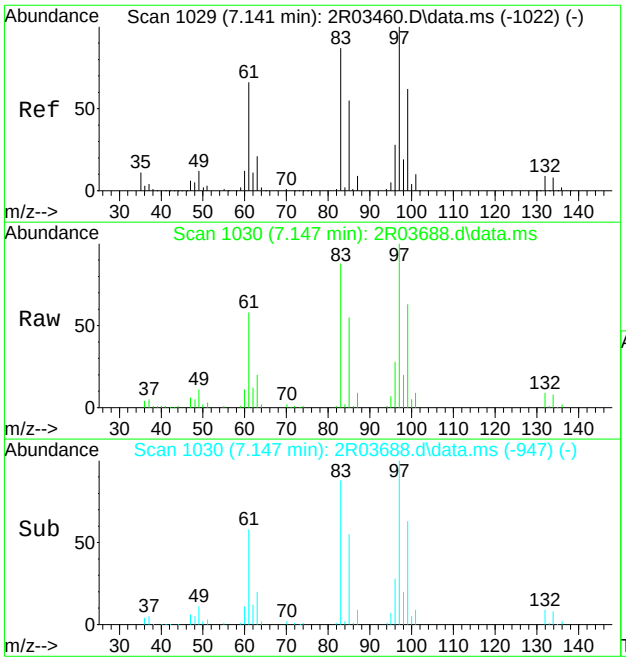


#77
trans-1,3-dichloropropene
Concen: 18.9747 ug/L
RT: 7.007 min Scan# 1007
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 75 Resp: 148921

Ion	Ratio	Lower	Upper
75	100		
77	31.9	10.9	50.9
39	44.5	30.9	90.9

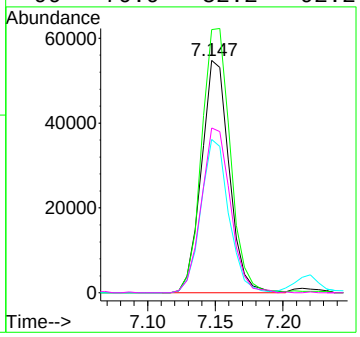


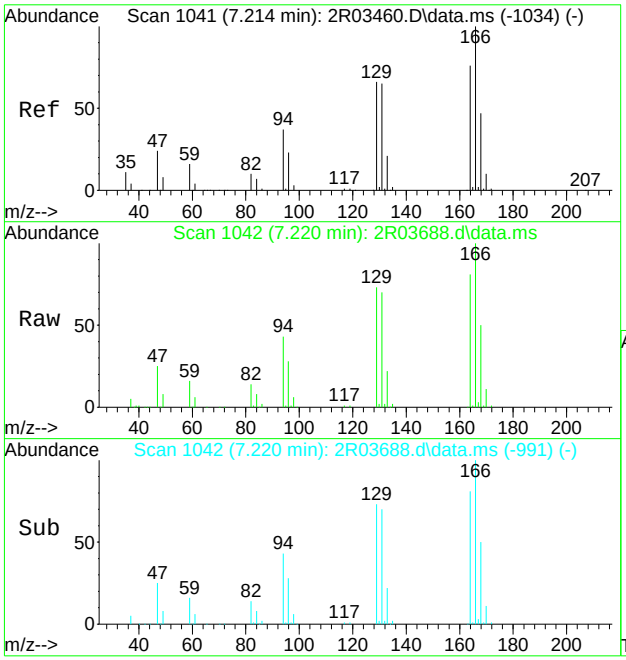


#78
1,1,2-trichloroethane
Concen: 19.2486 ug/L
RT: 7.147 min Scan# 1030
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 83 Resp: 78202

Ion	Ratio	Lower	Upper
83	100		
97	113.3	95.6	135.6
61	66.1	56.1	96.1
99	70.9	52.2	92.2

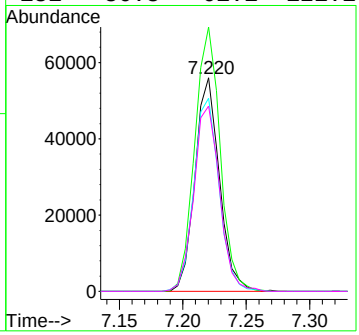


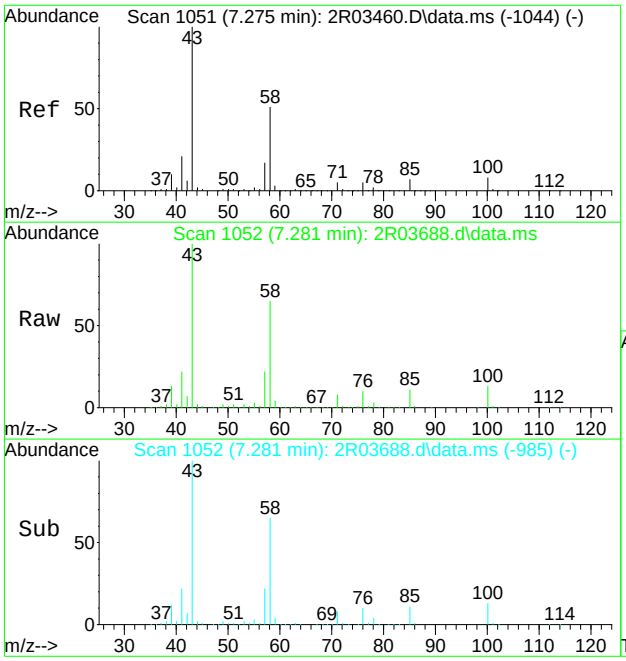


#79
tetrachloroethene
Concen: 17.7441 ug/L
RT: 7.220 min Scan# 1042
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:164 Resp: 74859

Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.2	162.2
129	90.5	63.0	123.0
131	86.8	61.1	121.1

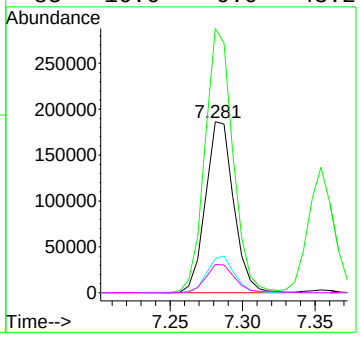


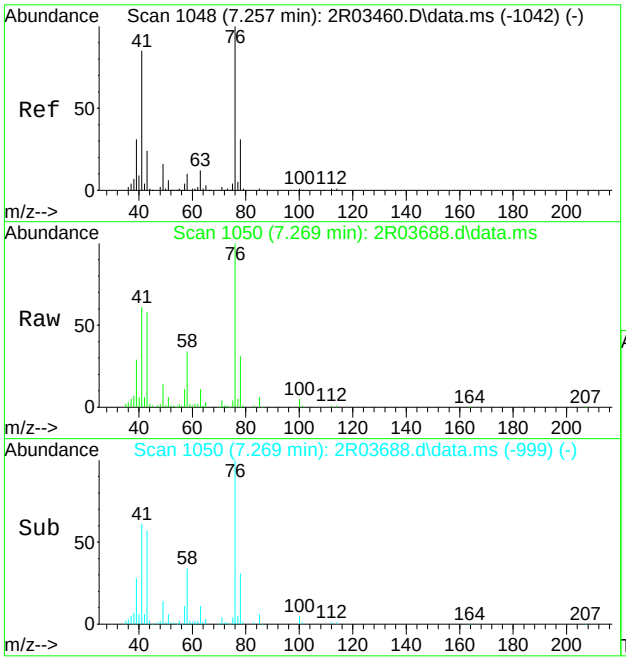


#80
2-hexanone
Concen: 64.8567 ug/L
RT: 7.281 min Scan# 1052
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 58 Resp: 252417

Ion	Ratio	Lower	Upper
58	100		
43	154.5	172.9	212.9#
100	20.1	0.0	36.1
85	16.6	0.0	43.2

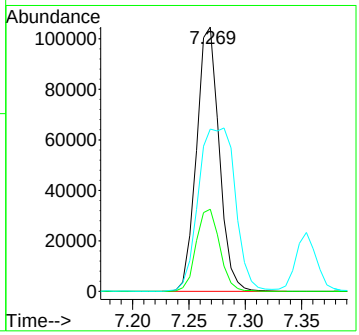


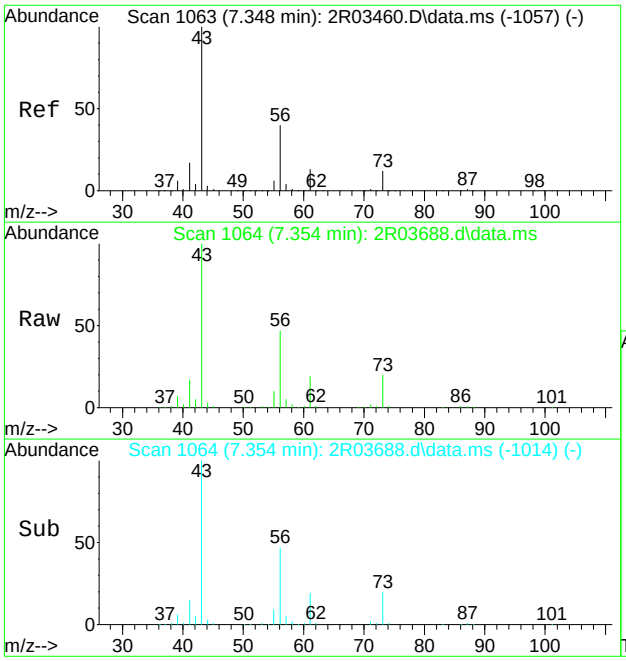


#81
1,3-dichloropropane
Concen: 18.3897 ug/L
RT: 7.269 min Scan# 1050
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 76 Resp: 146110

Ion	Ratio	Lower	Upper
76	100		
78	31.1	1.3	61.3
41	61.4	57.1	117.1

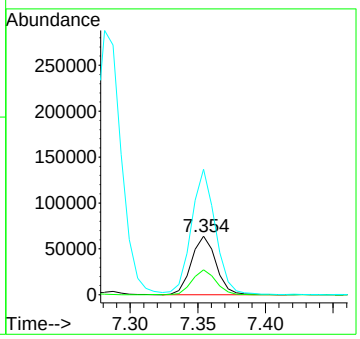


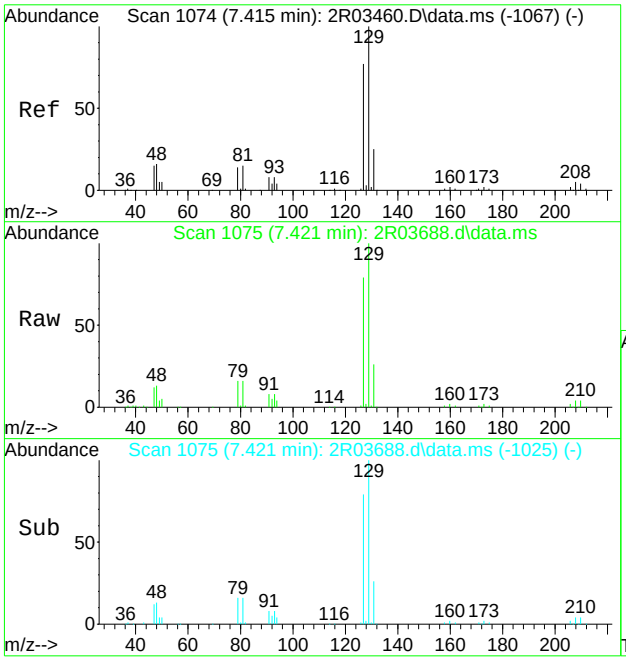


#82
butyl acetate
Concen: 14.9138 ug/L
RT: 7.354 min Scan# 1064
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 56 Resp: 80915

Ion	Ratio	Lower	Upper
56	100		
73	42.5	2.0	62.0
43	213.4	222.2	282.2#

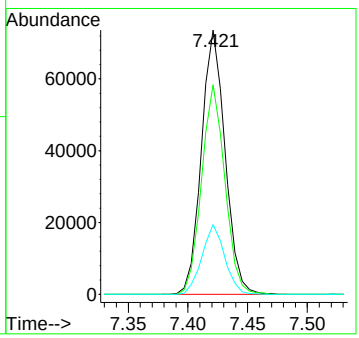


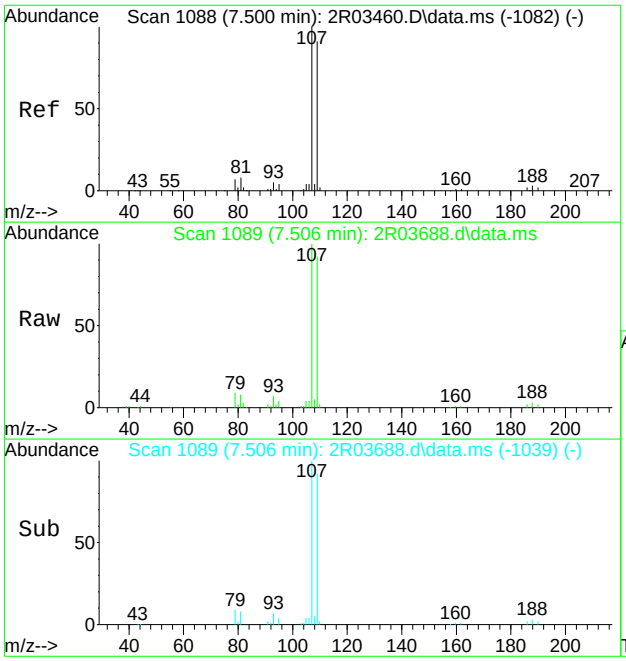


#83
dibromochloromethane
Concen: 20.1465 ug/L
RT: 7.421 min Scan# 1075
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:129 Resp: 101170

Ion	Ratio	Lower	Upper
129	100		
127	79.3	46.9	106.9
131	26.4	0.0	55.7

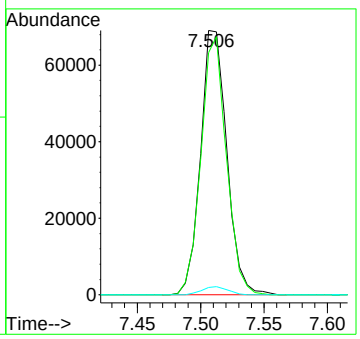


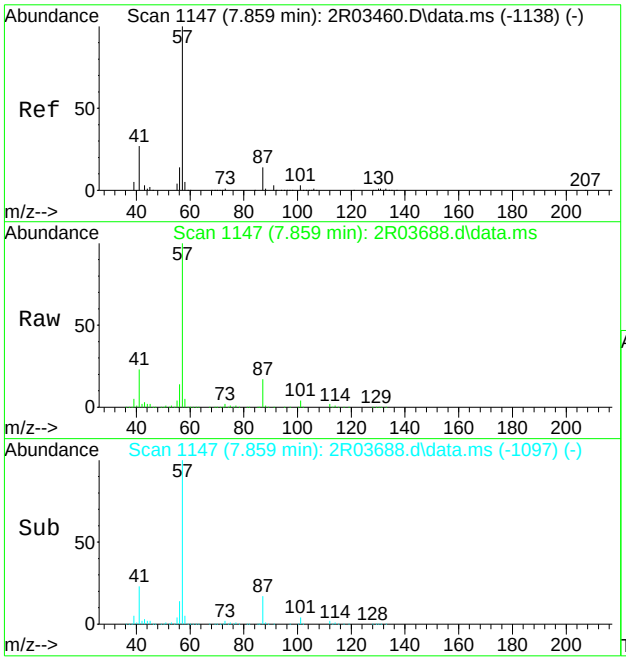


#84
1,2-dibromoethane
Concen: 20.1121 ug/L
RT: 7.506 min Scan# 1089
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:107 Resp: 99242

Ion	Ratio	Lower	Upper
107	100		
109	91.6	66.2	126.2
188	2.7	0.0	33.2

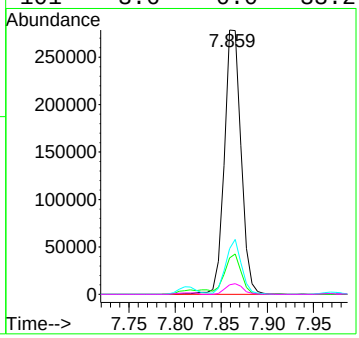


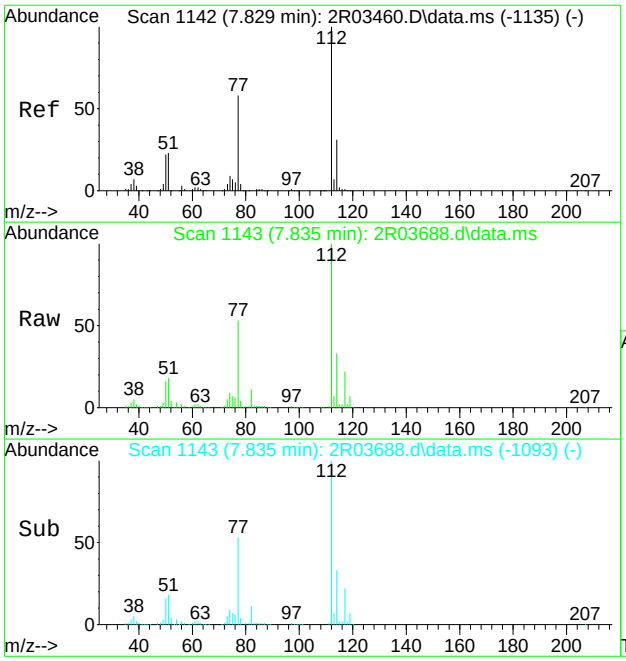


#85
n-butyl ether
Concen: 14.5012 ug/L
RT: 7.859 min Scan# 1147
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 57 Resp: 351402

Ion	Ratio	Lower	Upper
57	100		
56	13.8	0.0	35.1
87	17.3	0.0	44.2
101	3.6	0.0	33.2

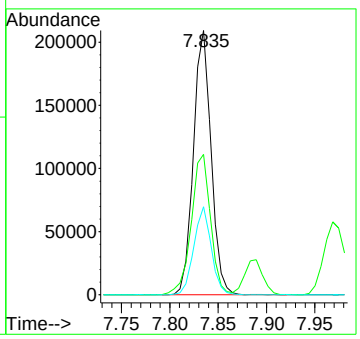


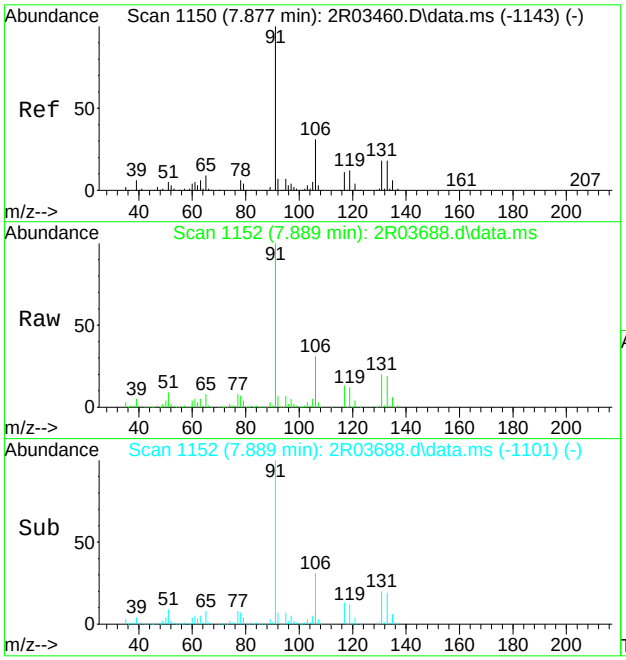


#86
chlorobenzene
Concen: 19.5154 ug/L
RT: 7.835 min Scan# 1143
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:112 Resp: 266382

Ion	Ratio	Lower	Upper
112	100		
77	53.0	28.0	88.0
114	33.3	2.3	62.3

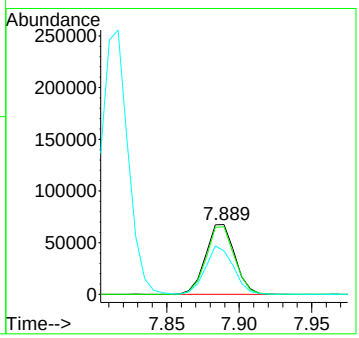


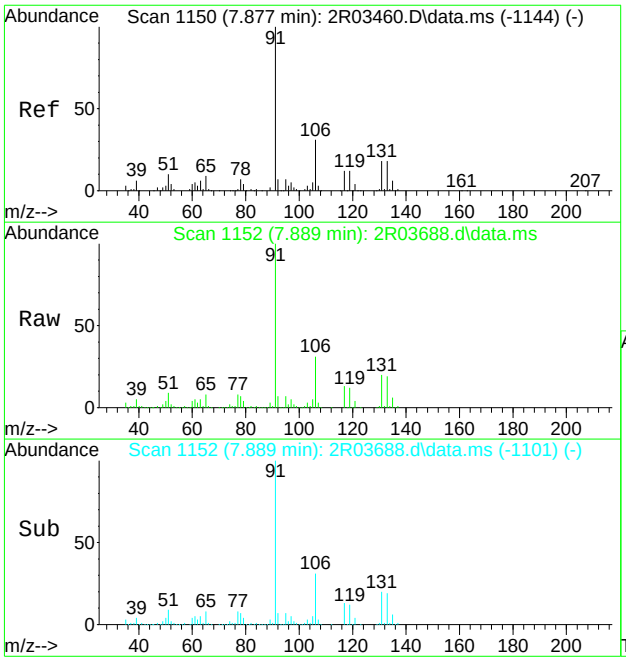


#87
1,1,1,2-tetrachloroethane
Concen: 20.4678 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:131 Resp: 95412

Ion	Ratio	Lower	Upper
131	100		
133	96.8	66.2	126.2
119	61.8	34.9	94.9

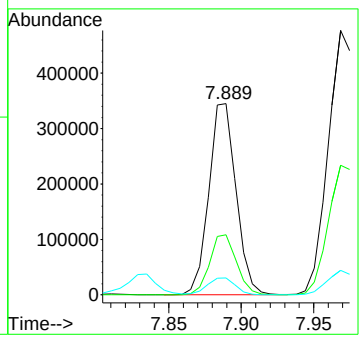


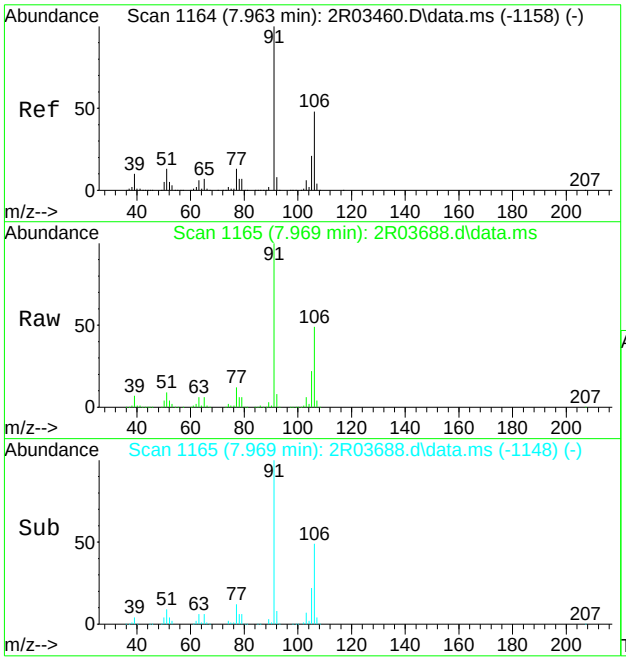


#88
ethylbenzene
Concen: 19.1860 ug/L
RT: 7.889 min Scan# 1152
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 91 Resp: 452095

Ion	Ratio	Lower	Upper
91	100		
106	31.4	0.3	60.3
51	8.8	0.0	42.7

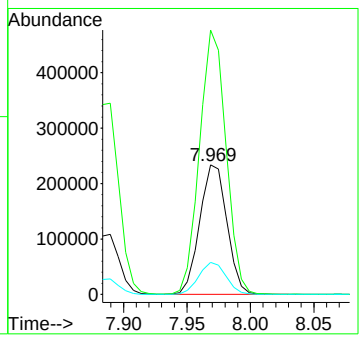


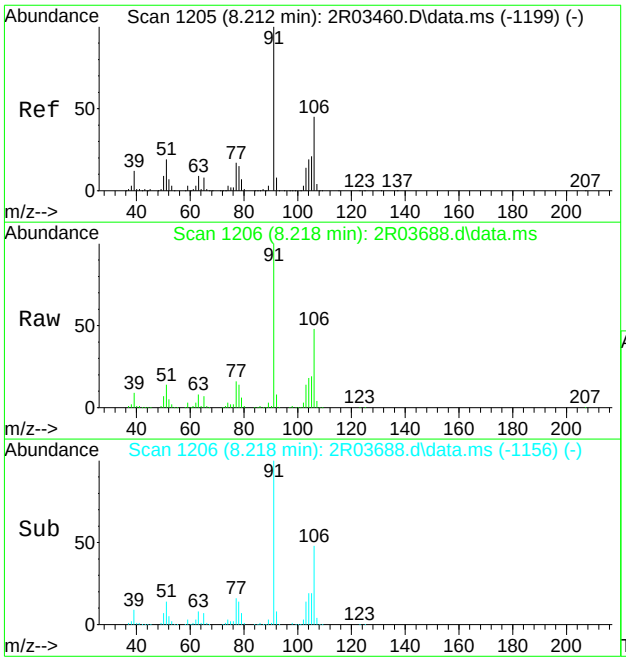


#89
m,p-xylene
Concen: 39.2586 ug/L
RT: 7.969 min Scan# 1165
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:106 Resp: 347876

Ion	Ratio	Lower	Upper
106	100		
91	204.2	181.2	241.2
77	24.7	0.0	57.8

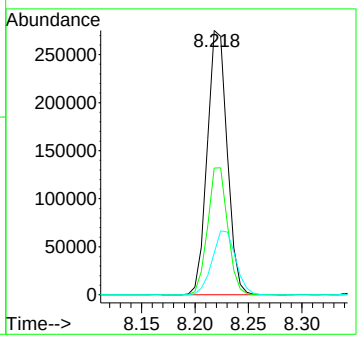


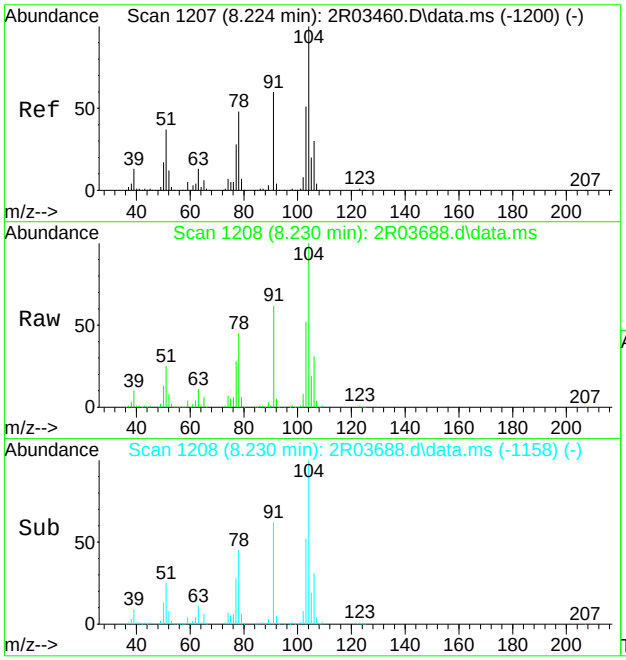


#90
o-xylene
Concen: 19.2182 ug/L
RT: 8.218 min Scan# 1206
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 91 Resp: 356373

Ion	Ratio	Lower	Upper
91	100		
106	48.0	16.3	76.3
77	15.8	0.0	47.2

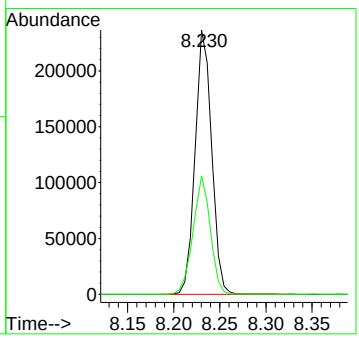


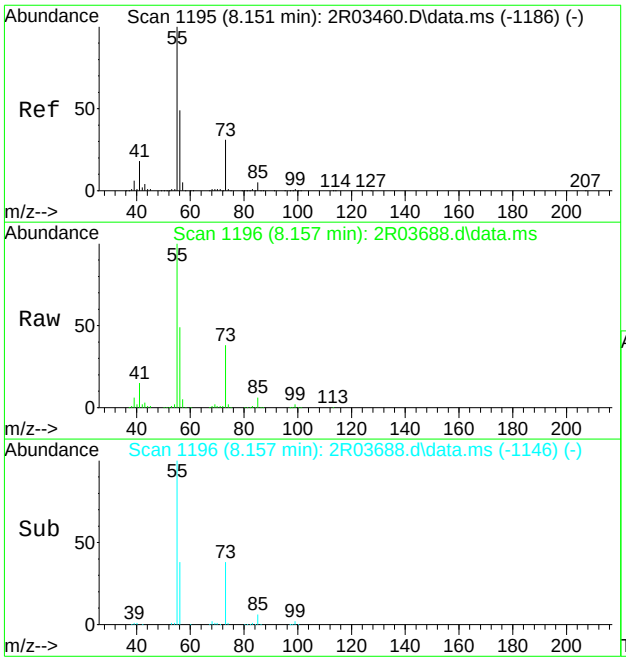


#91
styrene
Concen: 20.7716 ug/L
RT: 8.230 min Scan# 1208
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:104 Resp: 295969

Ion	Ratio	Lower	Upper
104	100		
78	44.8	16.0	76.0

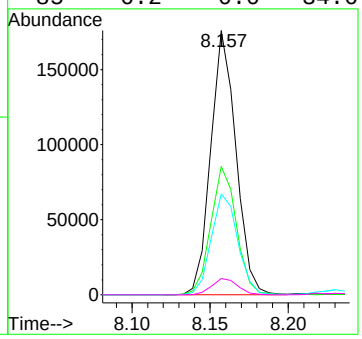


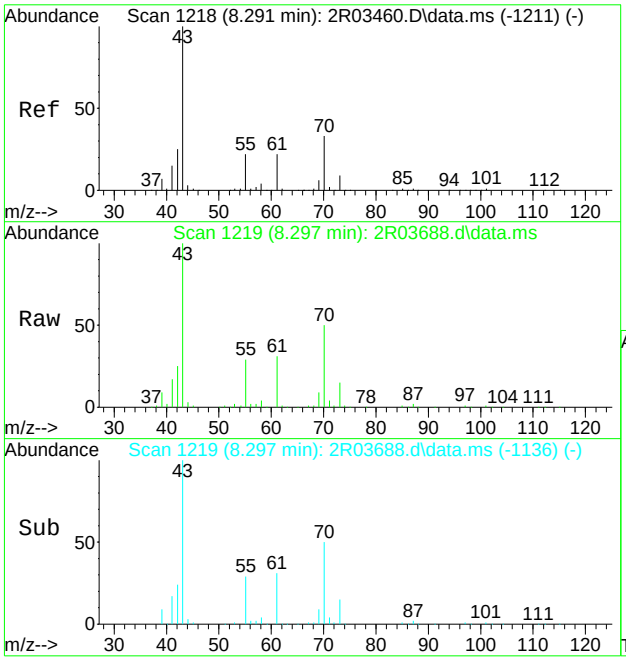


#92
butyl acrylate
Concen: 15.4540 ug/L
RT: 8.157 min Scan# 1196
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 55 Resp: 197311

Ion	Ratio	Lower	Upper
55	100		
56	48.5	29.2	69.2
73	38.1	11.6	51.6
85	6.2	0.0	34.6

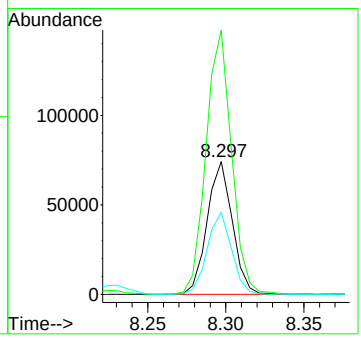


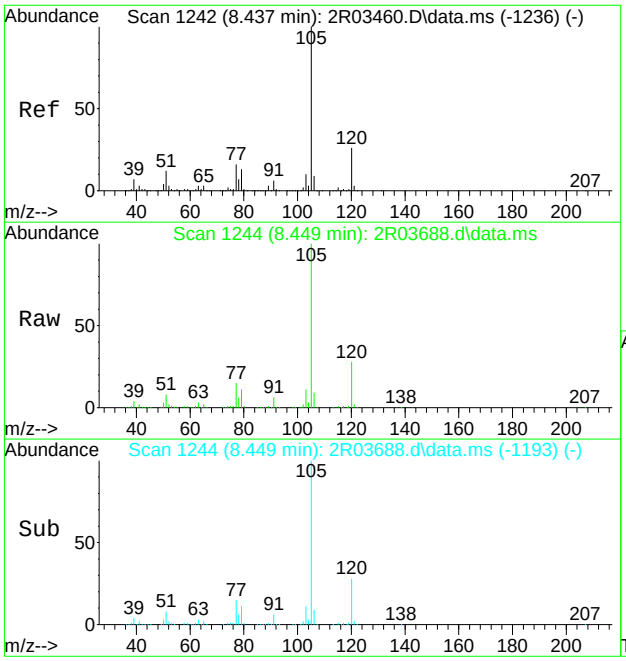


#93
n-amyl acetate
Concen: 18.7840 ug/L
RT: 8.297 min Scan# 1219
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 70 Resp: 83116

Ion	Ratio	Lower	Upper
70	100		
43	198.7	277.6	337.6#
61	61.9	38.3	98.3

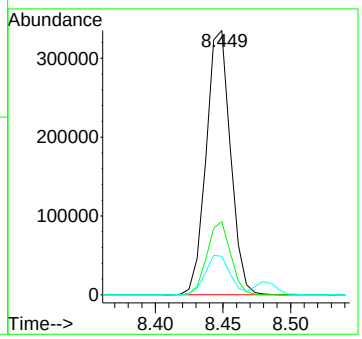


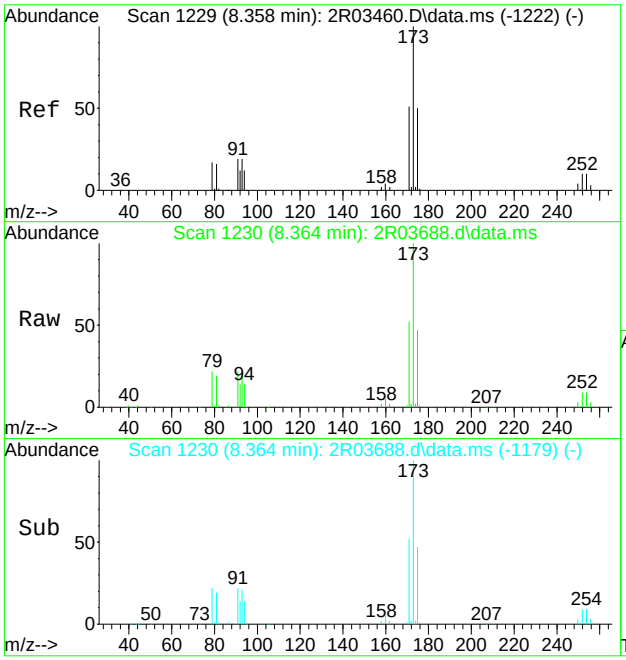


#94
isopropylbenzene
Concen: 19.0413 ug/L
RT: 8.449 min Scan# 1244
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:105 Resp: 419225

Ion	Ratio	Lower	Upper
105	100		
120	27.7	5.6	45.6
77	14.6	0.0	35.3

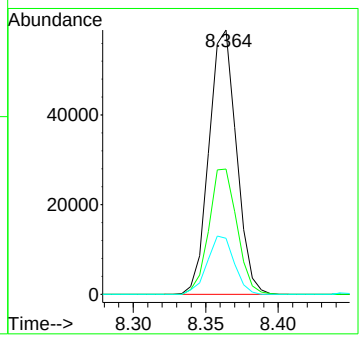


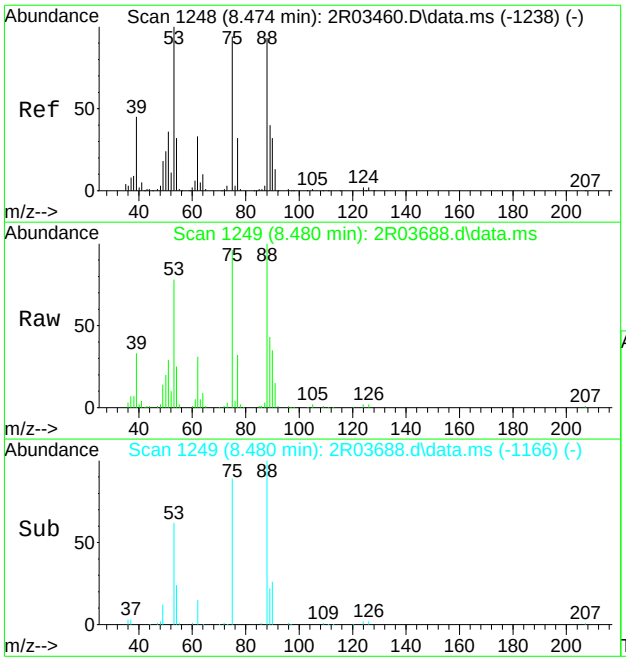


#95
bromoform
Concen: 21.1659 ug/L
RT: 8.364 min Scan# 1230
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:173 Resp: 77954

Ion	Ratio	Lower	Upper
173	100		
175	47.4	18.1	78.1
93	21.3	0.0	52.4

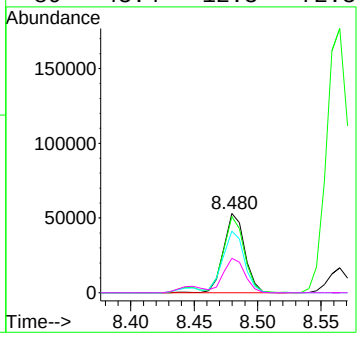


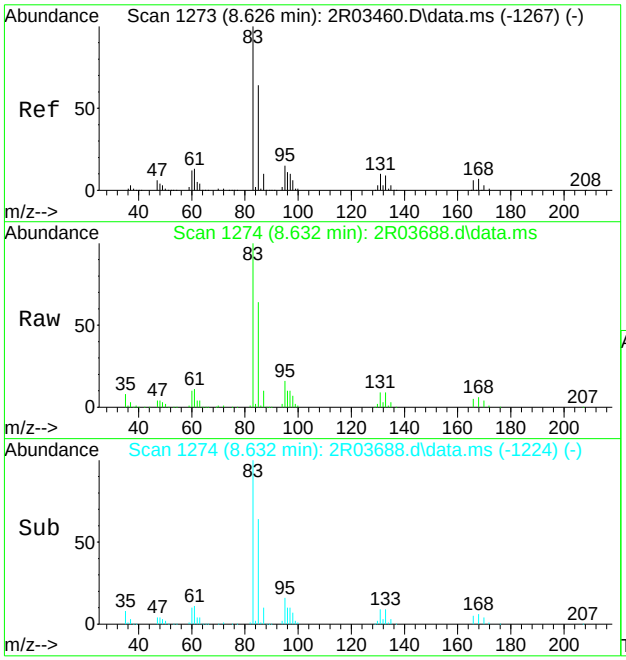


#96
cis-1,4-dichloro-2-butene
Concen: 19.8641 ug/L
RT: 8.480 min Scan# 1249
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 88 Resp: 61850

Ion	Ratio	Lower	Upper
88	100		
75	96.2	78.1	118.1
53	78.0	90.3	130.3#
89	43.4	12.3	72.3

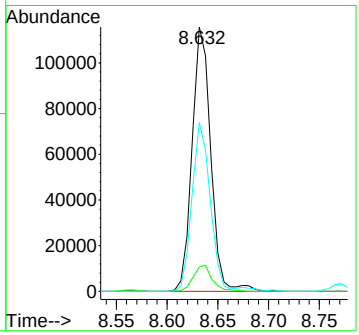


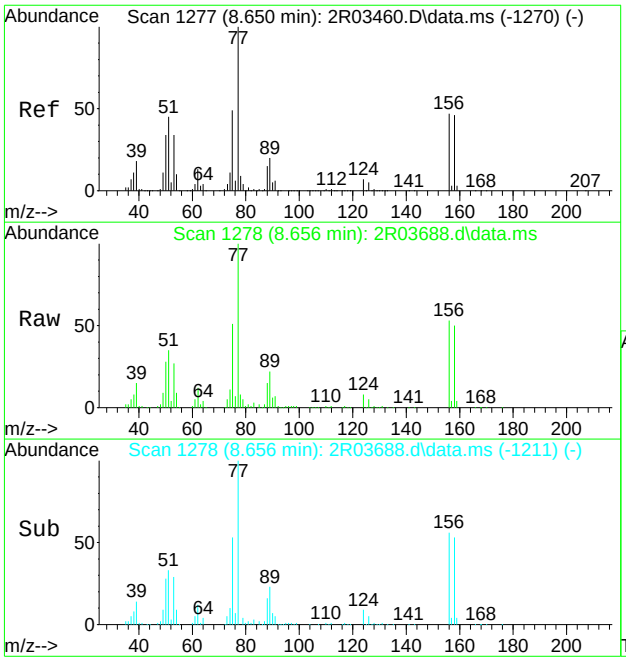


#99
1,1,2,2-tetrachloroethane
Concen: 21.2724 ug/L
RT: 8.632 min Scan# 1274
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 83 Resp: 148150

Ion	Ratio	Lower	Upper
83	100		
131	9.3	0.0	39.2
85	63.9	32.4	92.4

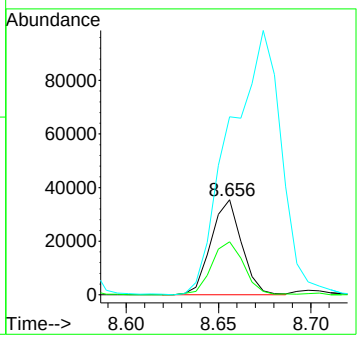


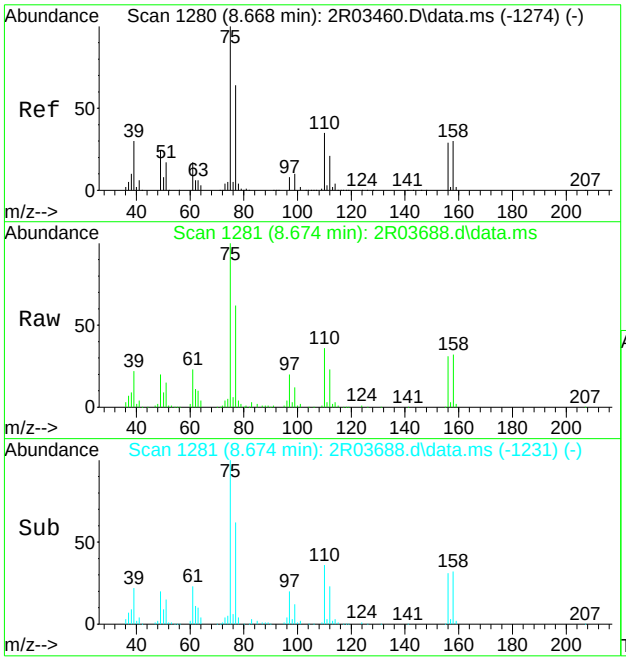


#100
trans-1,4-dichloro-2-butene
Concen: 14.1506 ug/L
RT: 8.656 min Scan# 1278
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 53 Resp: 41171

Ion	Ratio	Lower	Upper
53	100		
88	55.7	13.5	73.5
75	186.7	120.7	180.7#

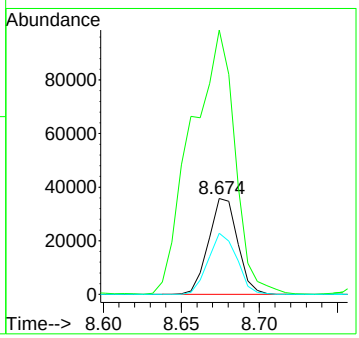


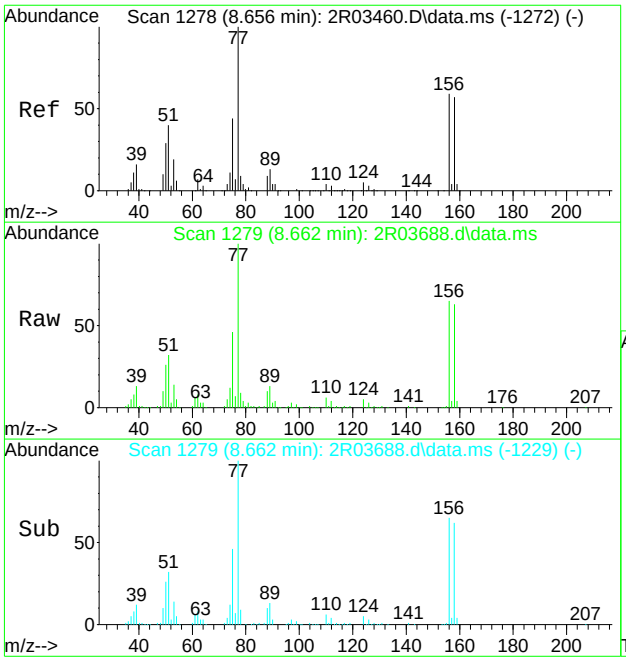


#101
1,2,3-trichloropropane
Concen: 21.4460 ug/L
RT: 8.674 min Scan# 1281
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:110 Resp: 46365

Ion	Ratio	Lower	Upper
110	100		
75	274.0	265.5	325.5
112	63.7	35.9	95.9

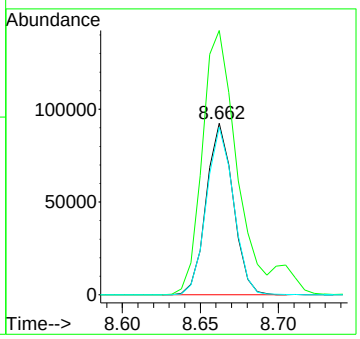


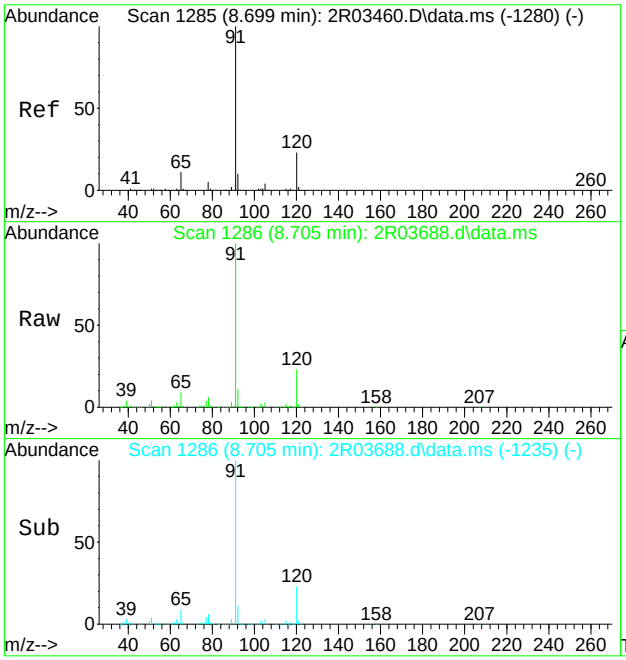


#102
bromobenzene
Concen: 19.6688 ug/L
RT: 8.662 min Scan# 1279
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:156 Resp: 110465

Ion	Ratio	Lower	Upper
156	100		
77	154.1	141.2	201.2
158	97.6	68.7	128.7

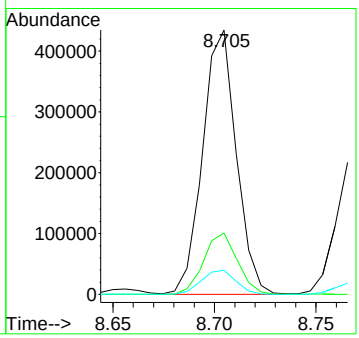


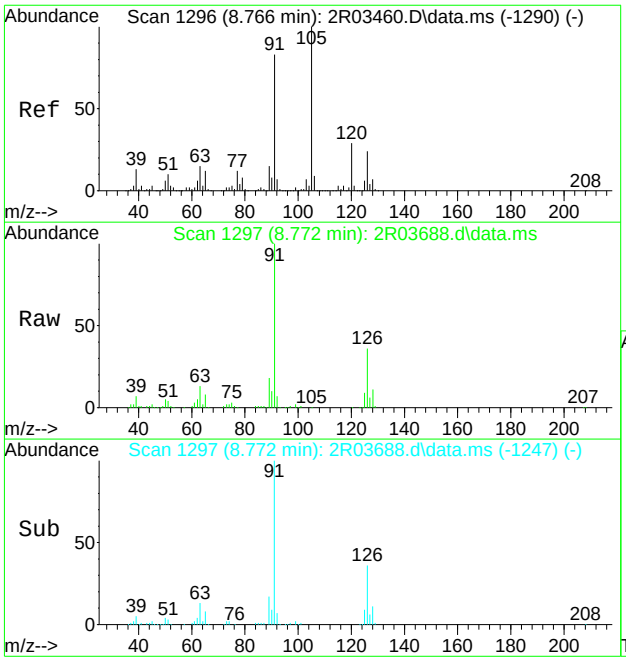


#103
n-propylbenzene
Concen: 18.7475 ug/L
RT: 8.705 min Scan# 1286
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 91 Resp: 502285

Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	51.3
65	9.2	0.0	40.9

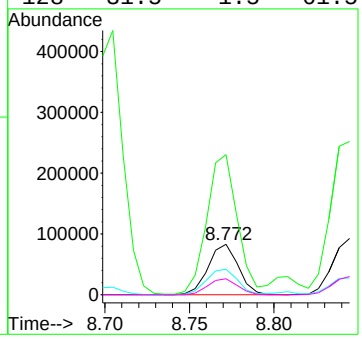


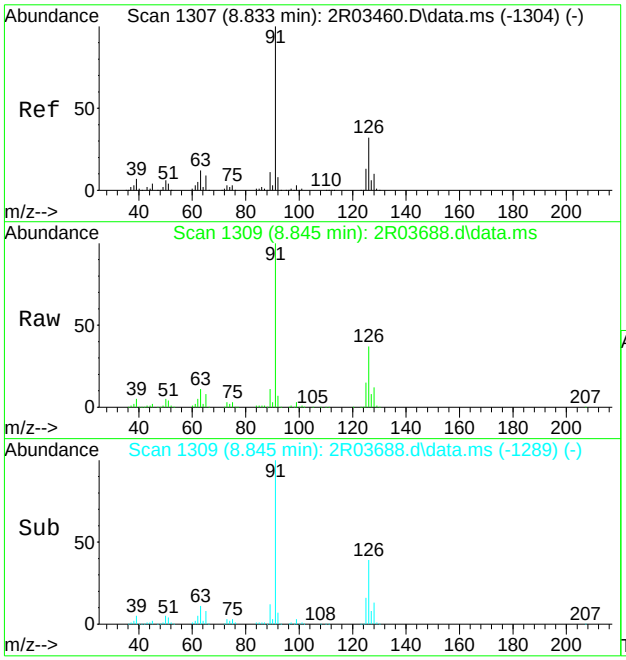


#104
2-chlorotoluene
Concen: 20.3433 ug/L
RT: 8.772 min Scan# 1297
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:126 Resp: 103332

Ion	Ratio	Lower	Upper
126	100		
91	276.5	262.0	322.0
89	50.5	23.0	83.0
128	31.5	1.5	61.5

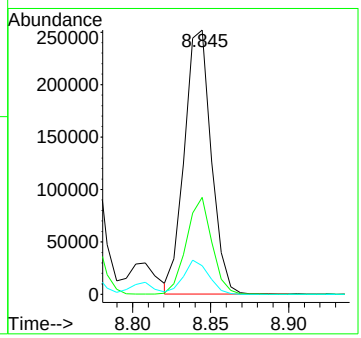


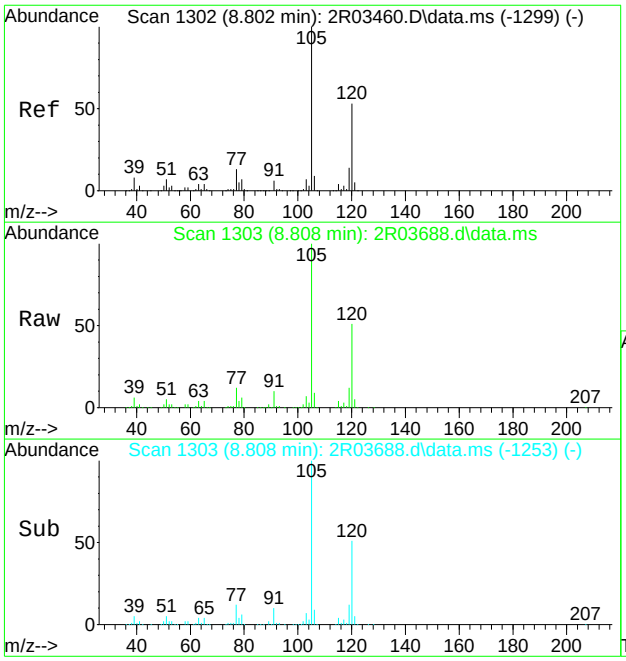


#105
4-chlorotoluene
Concen: 19.1377 ug/L
RT: 8.845 min Scan# 1309
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 91 Resp: 302607

Ion	Ratio	Lower	Upper
91	100		
126	36.8	1.2	61.2
63	10.8	0.0	43.1

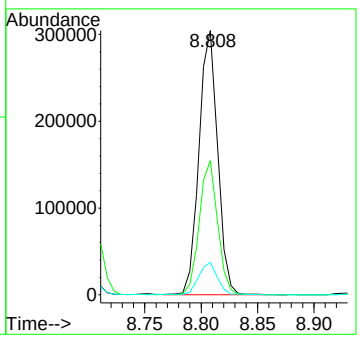


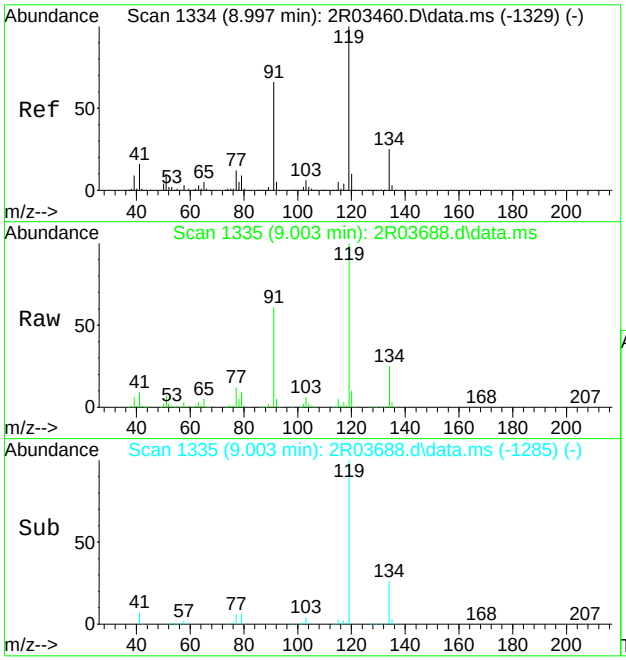


#106
1,3,5-trimethylbenzene
Concen: 19.5063 ug/L
RT: 8.808 min Scan# 1303
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:105 Resp: 349928

Ion	Ratio	Lower	Upper
105	100		
120	50.8	18.9	78.9
77	12.3	0.0	42.1

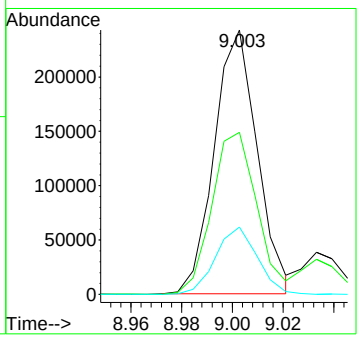


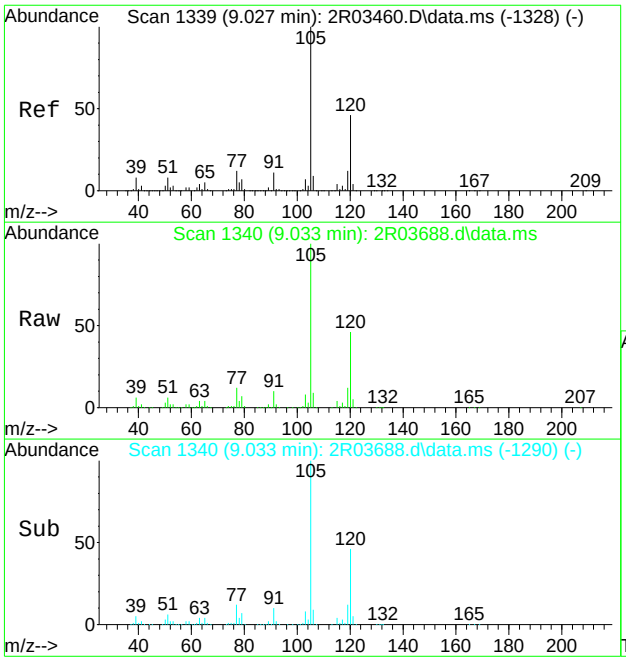


#107
tert-butylbenzene
Concen: 18.5194 ug/L
RT: 9.003 min Scan# 1335
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:119 Resp: 286066

Ion	Ratio	Lower	Upper
119	100		
91	61.3	34.3	94.3
134	25.5	0.0	54.7

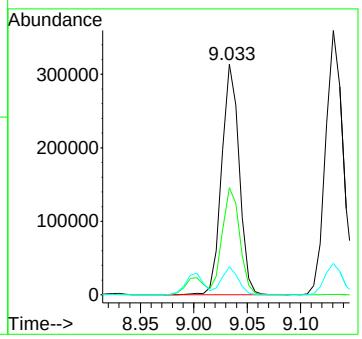


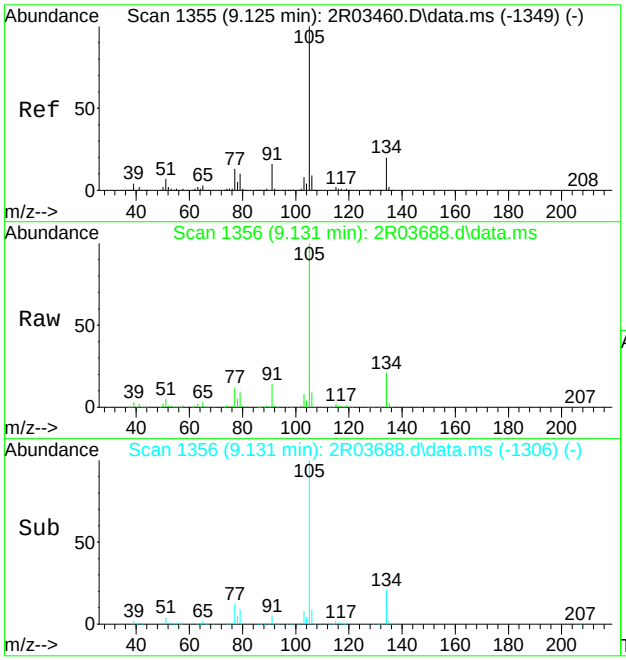


#108
1,2,4-trimethylbenzene
Concen: 19.3904 ug/L
RT: 9.033 min Scan# 1340
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:105 Resp: 357468

Ion	Ratio	Lower	Upper
105	100		
120	46.4	14.9	74.9
77	12.2	0.0	42.4

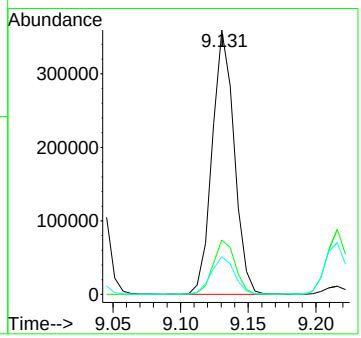


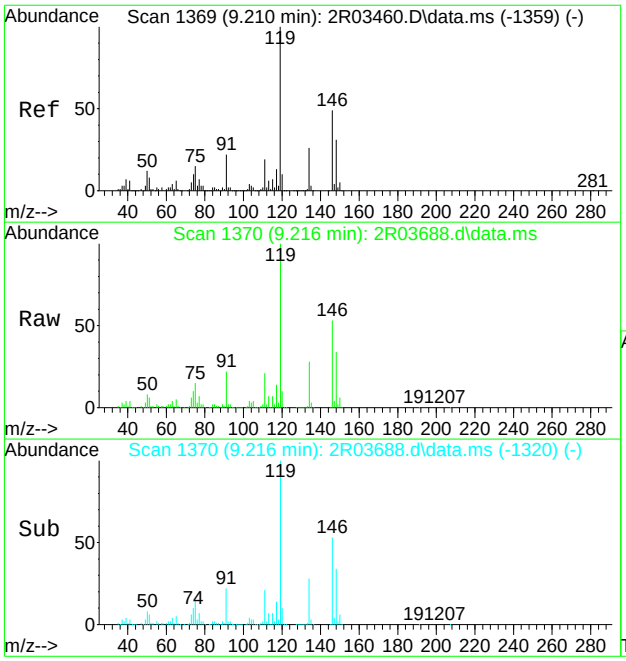


#109
sec-butylbenzene
Concen: 18.1194 ug/L
RT: 9.131 min Scan# 1356
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:105 Resp: 407070

Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	49.7
91	14.2	0.0	45.6

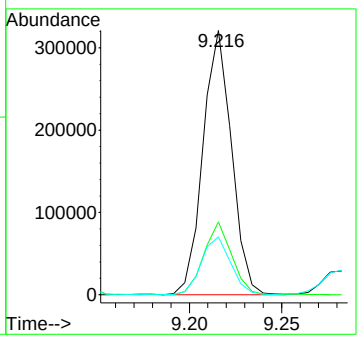


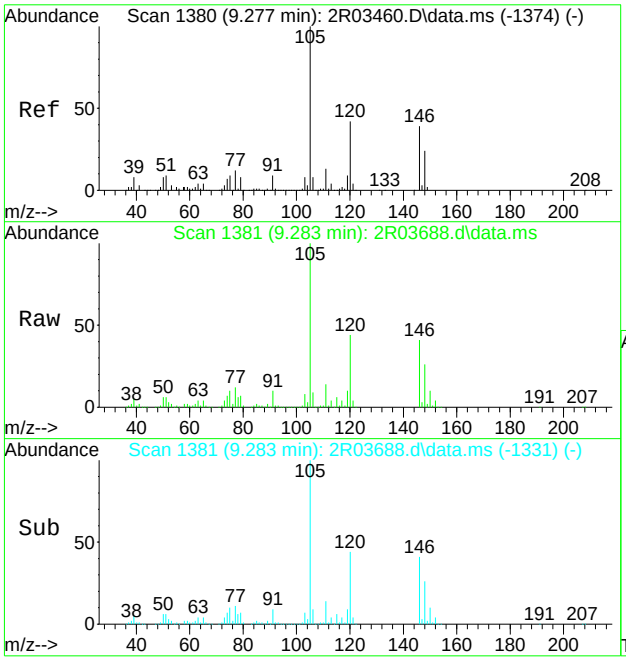


#110
p-isopropyltoluene
Concen: 18.7698 ug/L
RT: 9.216 min Scan# 1370
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:119 Resp: 346400

Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	56.8
91	21.9	0.0	53.0

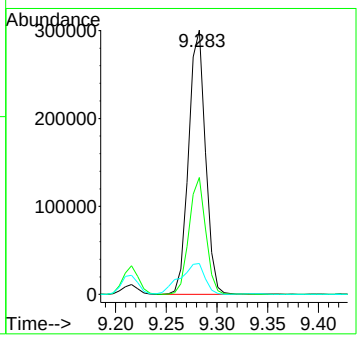


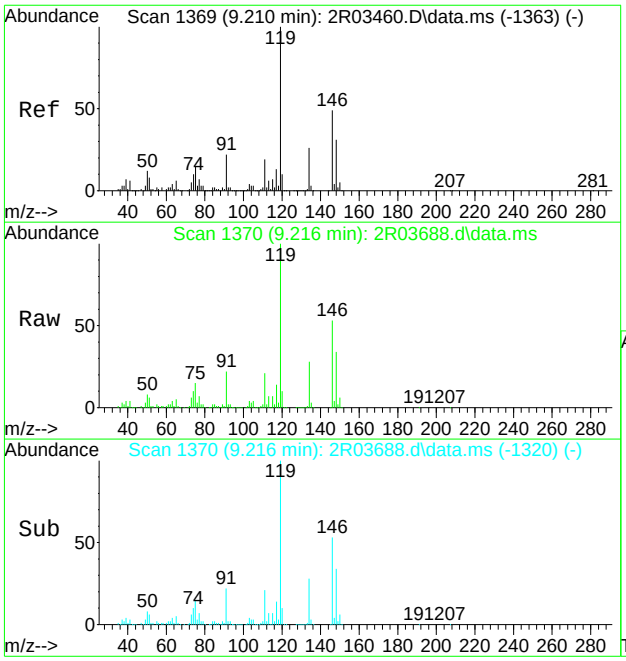


#111
1,2,3-trimethylbenzene
Concen: 18.8584 ug/L
RT: 9.283 min Scan# 1381
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:105 Resp: 348274

Ion	Ratio	Lower	Upper
105	100		
120	44.2	12.2	72.2
77	11.7	0.0	41.9

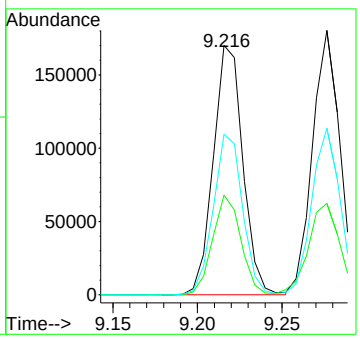


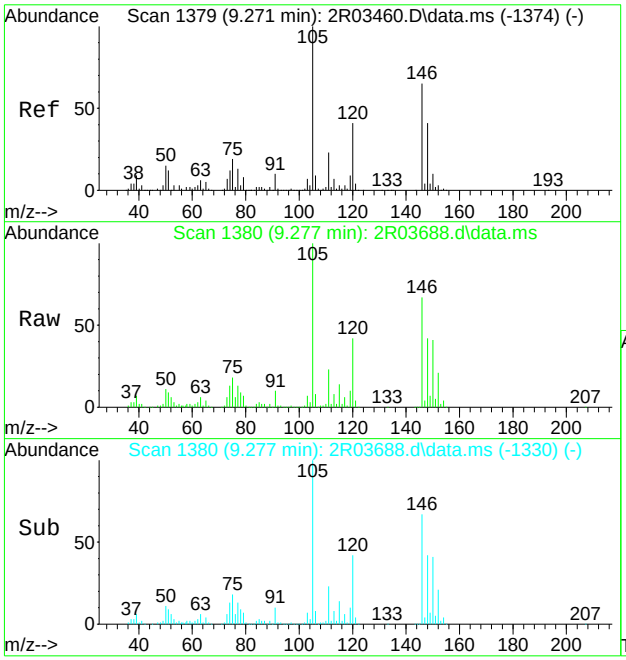


#112
1,3-dichlorobenzene
Concen: 19.8117 ug/L
RT: 9.216 min Scan# 1370
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:146 Resp: 206838

Ion	Ratio	Lower	Upper
146	100		
111	40.0	9.5	69.5
148	64.4	34.1	94.1

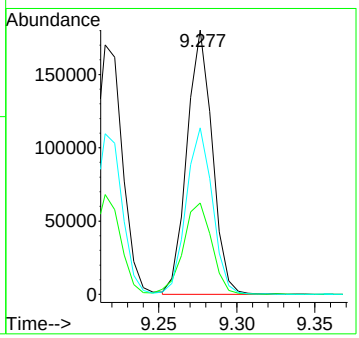


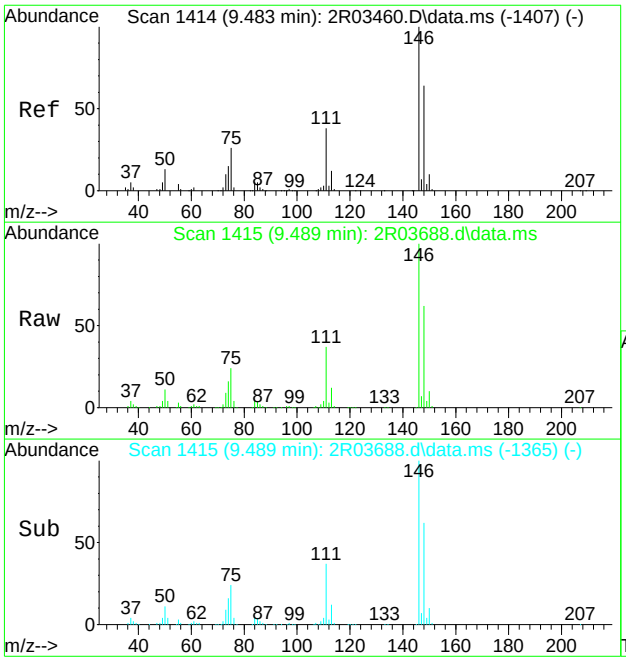


#113
1,4-dichlorobenzene
Concen: 19.8823 ug/L
RT: 9.277 min Scan# 1380
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:146 Resp: 204207

Ion	Ratio	Lower	Upper
146	100		
111	34.4	5.6	65.6
148	63.0	34.8	94.8

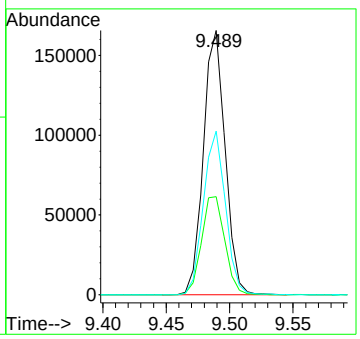


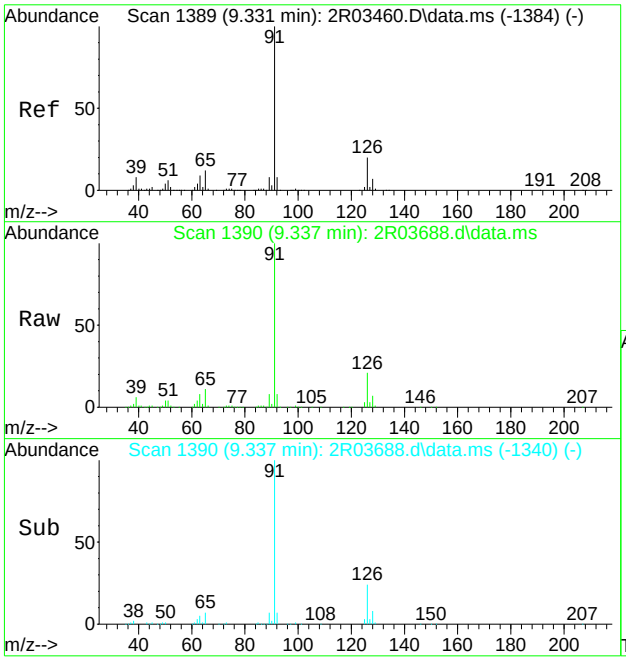


#114
1,2-dichlorobenzene
Concen: 20.0975 ug/L
RT: 9.489 min Scan# 1415
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:146 Resp: 197543

Ion	Ratio	Lower	Upper
146	100		
111	37.1	8.3	68.3
148	61.9	34.1	94.1

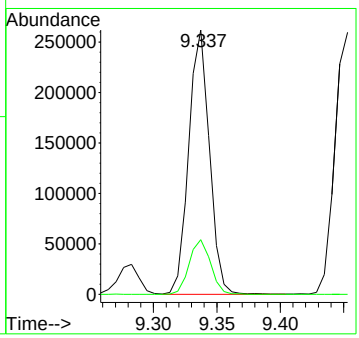


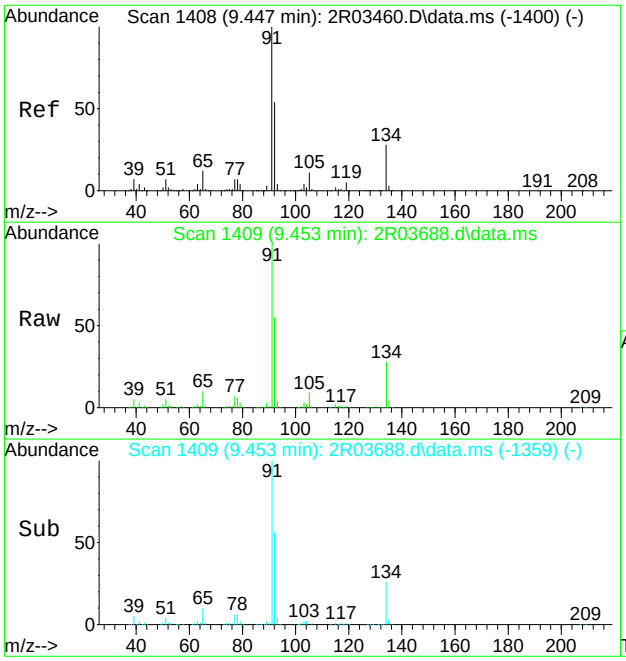


#115
benzyl chloride
Concen: 21.8762 ug/L
RT: 9.337 min Scan# 1390
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 91 Resp: 296958

Ion	Ratio	Lower	Upper
91	100		
126	20.7	0.0	50.7

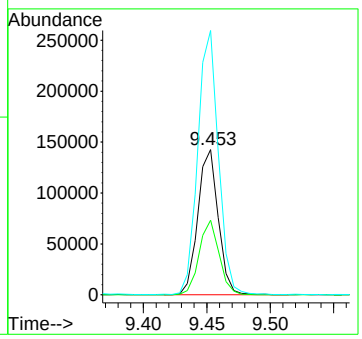


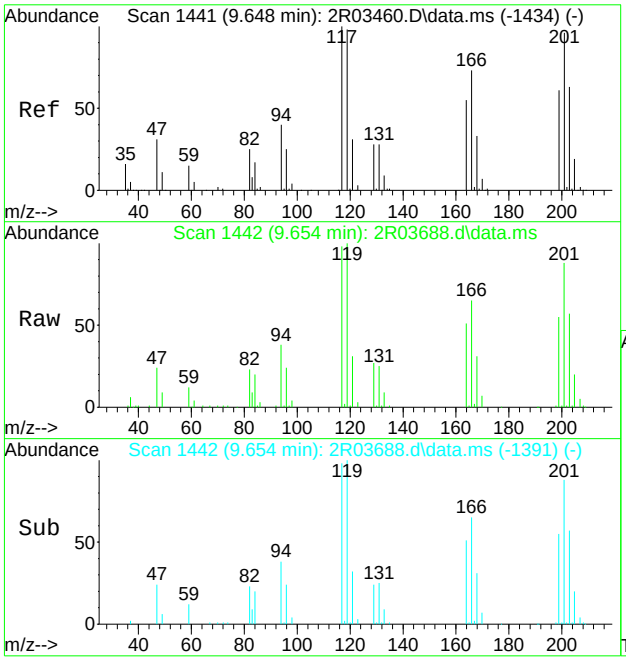


#116
n-butylbenzene
Concen: 18.3681 ug/L
RT: 9.453 min Scan# 1409
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion: 92 Resp: 160224

Ion	Ratio	Lower	Upper
92	100		
134	51.3	21.7	81.7
91	181.7	154.3	214.3

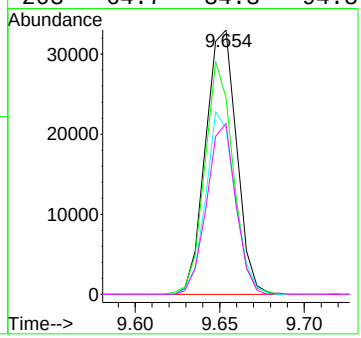


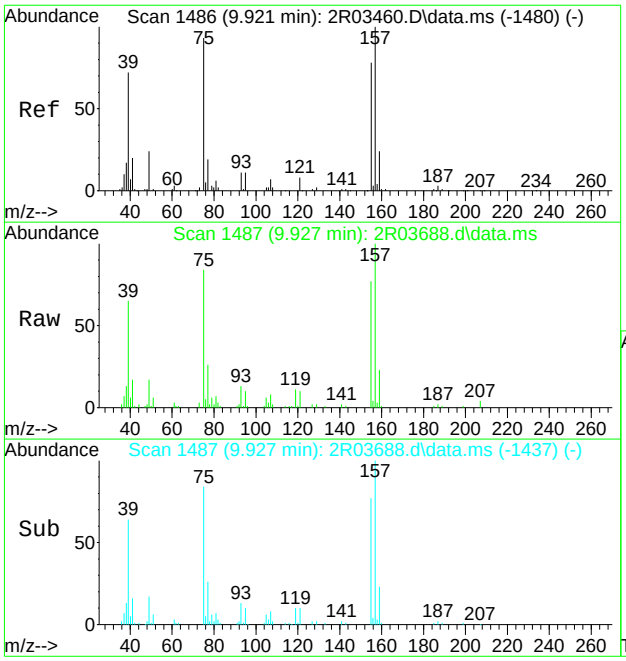


#117
hexachloroethane
Concen: 18.3534 ug/L
RT: 9.654 min Scan# 1442
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:201 Resp: 42237

Ion	Ratio	Lower	Upper
201	100		
166	74.3	46.2	106.2
199	62.7	32.2	92.2
203	64.7	34.3	94.3

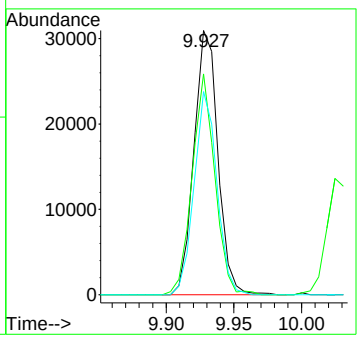


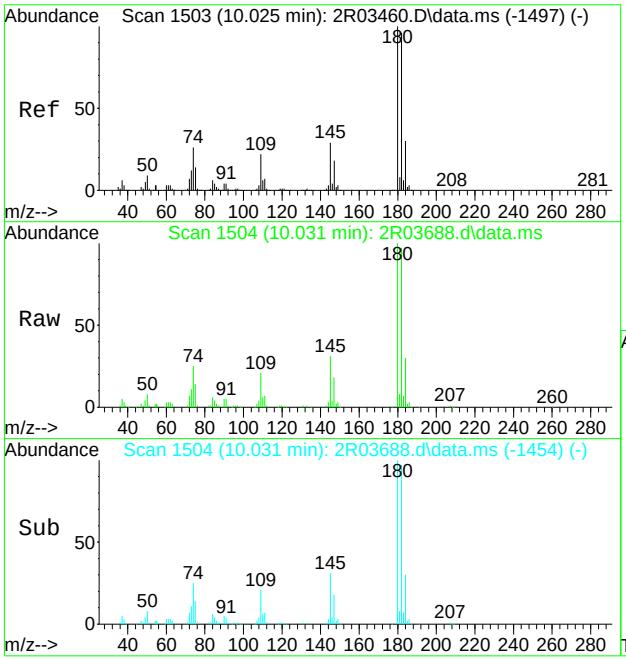


#118
1,2-dibromo-3-chloropropane
Concen: 21.5356 ug/L
RT: 9.927 min Scan# 1487
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:157 Resp: 38123

Ion	Ratio	Lower	Upper
157	100		
75	83.5	58.6	118.6
155	76.9	46.8	106.8

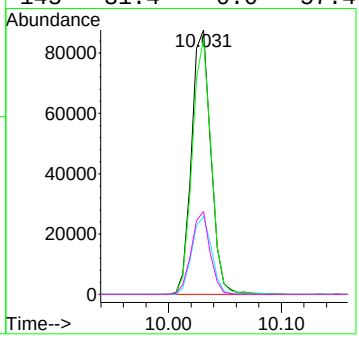


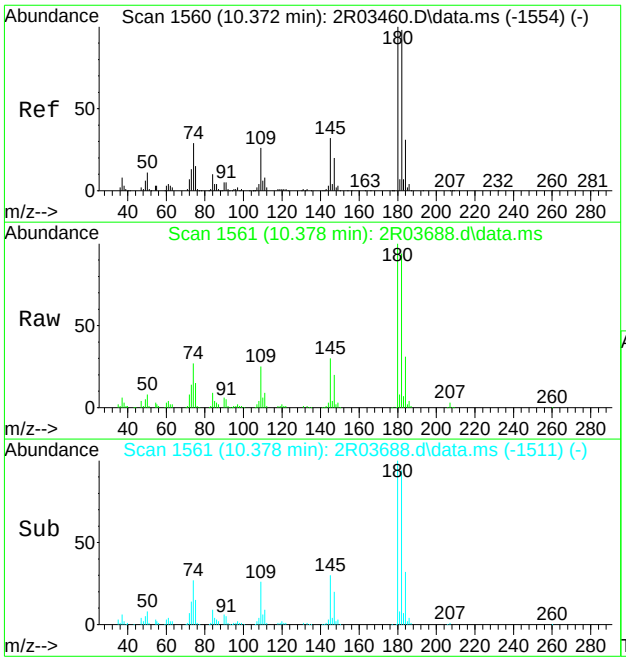


#119
1,3,5-trichlorobenzene
Concen: 16.3870 ug/L
RT: 10.031 min Scan# 1504
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:180 Resp: 104532

Ion	Ratio	Lower	Upper
180	100		
182	96.8	64.7	124.7
184	29.6	0.3	60.3
145	31.4	0.0	57.4

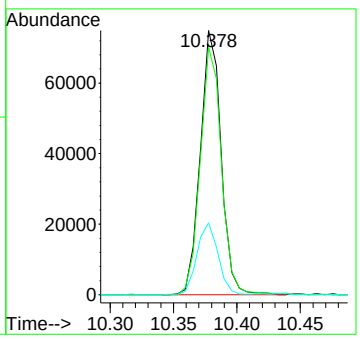


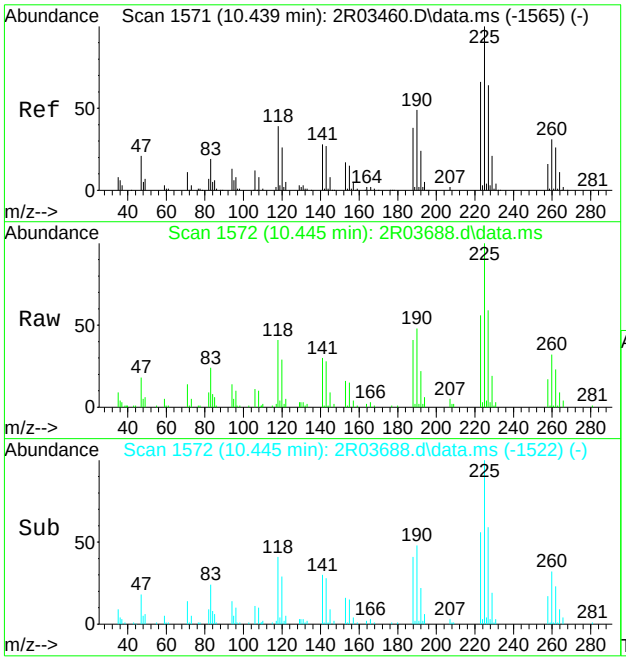


#120
1,2,4-trichlorobenzene
Concen: 17.5446 ug/L
RT: 10.378 min Scan# 1561
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:180 Resp: 85204

Ion	Ratio	Lower	Upper
180	100		
182	93.6	64.2	124.2
74	27.2	0.0	56.2

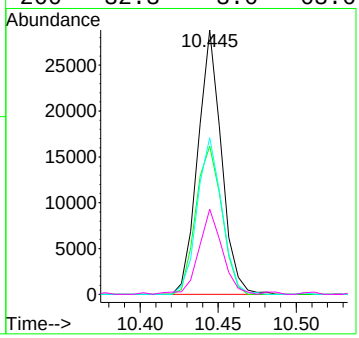


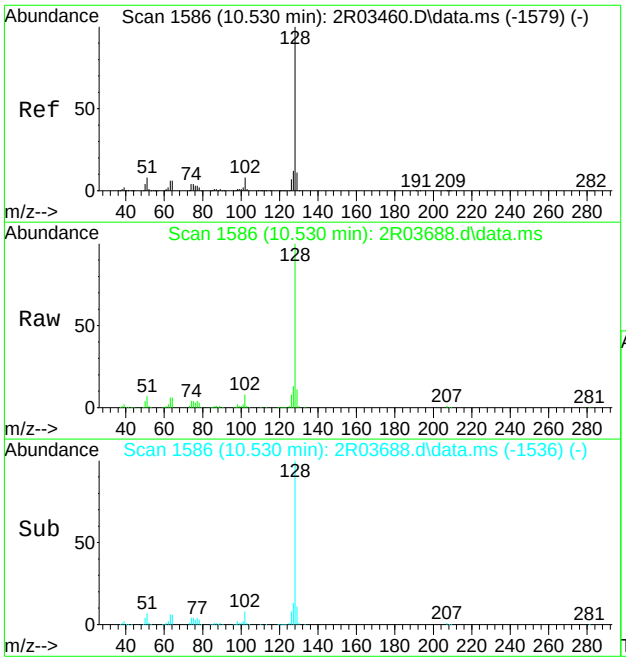


#121
hexachlorobutadiene
Concen: 13.8835 ug/L
RT: 10.445 min Scan# 1572
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:225 Resp: 30324

Ion	Ratio	Lower	Upper
225	100		
223	56.1	32.7	92.7
227	59.2	34.8	94.8
260	32.3	3.6	63.6

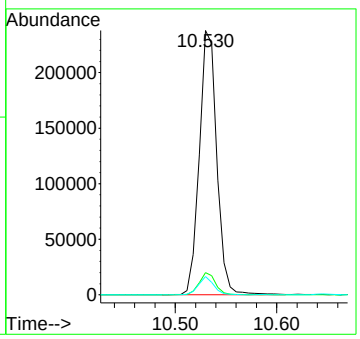


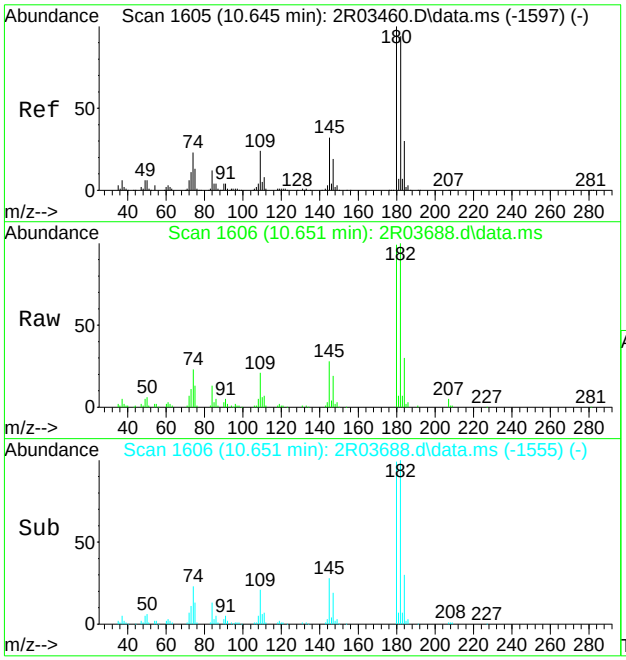


#122
naphthalene
Concen: 22.7100 ug/L
RT: 10.530 min Scan# 1586
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:128 Resp: 285215

Ion	Ratio	Lower	Upper
128	100		
102	8.4	0.0	38.9
51	6.9	0.0	39.2

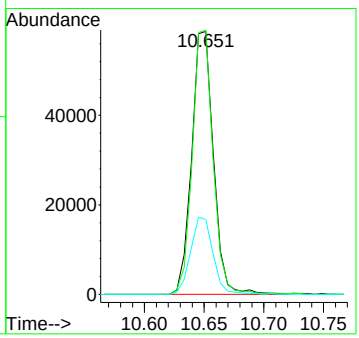


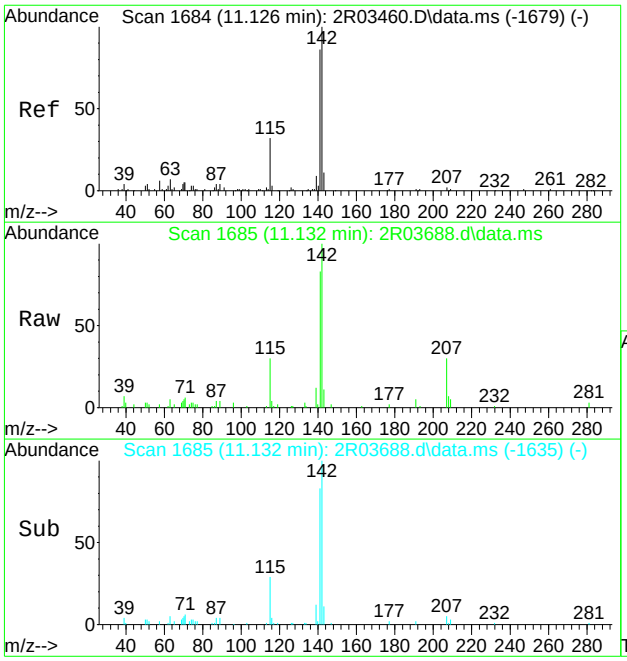


#123
1,2,3-trichlorobenzene
Concen: 21.3441 ug/L
RT: 10.651 min Scan# 1606
Delta R.T. 0.012 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:180 Resp: 74332

Ion	Ratio	Lower	Upper
180	100		
182	100.5	63.9	123.9
145	28.5	3.2	63.2

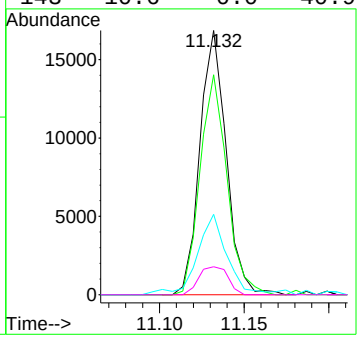




#124
2-methylnaphthalene
Concen: 20.3881 ug/L
RT: 11.132 min Scan# 1685
Delta R.T. 0.006 min
Lab File: 2R03688.d
Acq: 23 May 2023 8:39 am

Tgt Ion:142 Resp: 18281

Ion	Ratio	Lower	Upper
142	100		
141	83.2	62.2	102.2
115	28.7	0.0	60.0
143	10.6	0.0	40.9



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03689.d
Acq On : 23 May 2023 9:13 am
Operator : edwardd
Sample : cc111-1 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 04:50:32 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

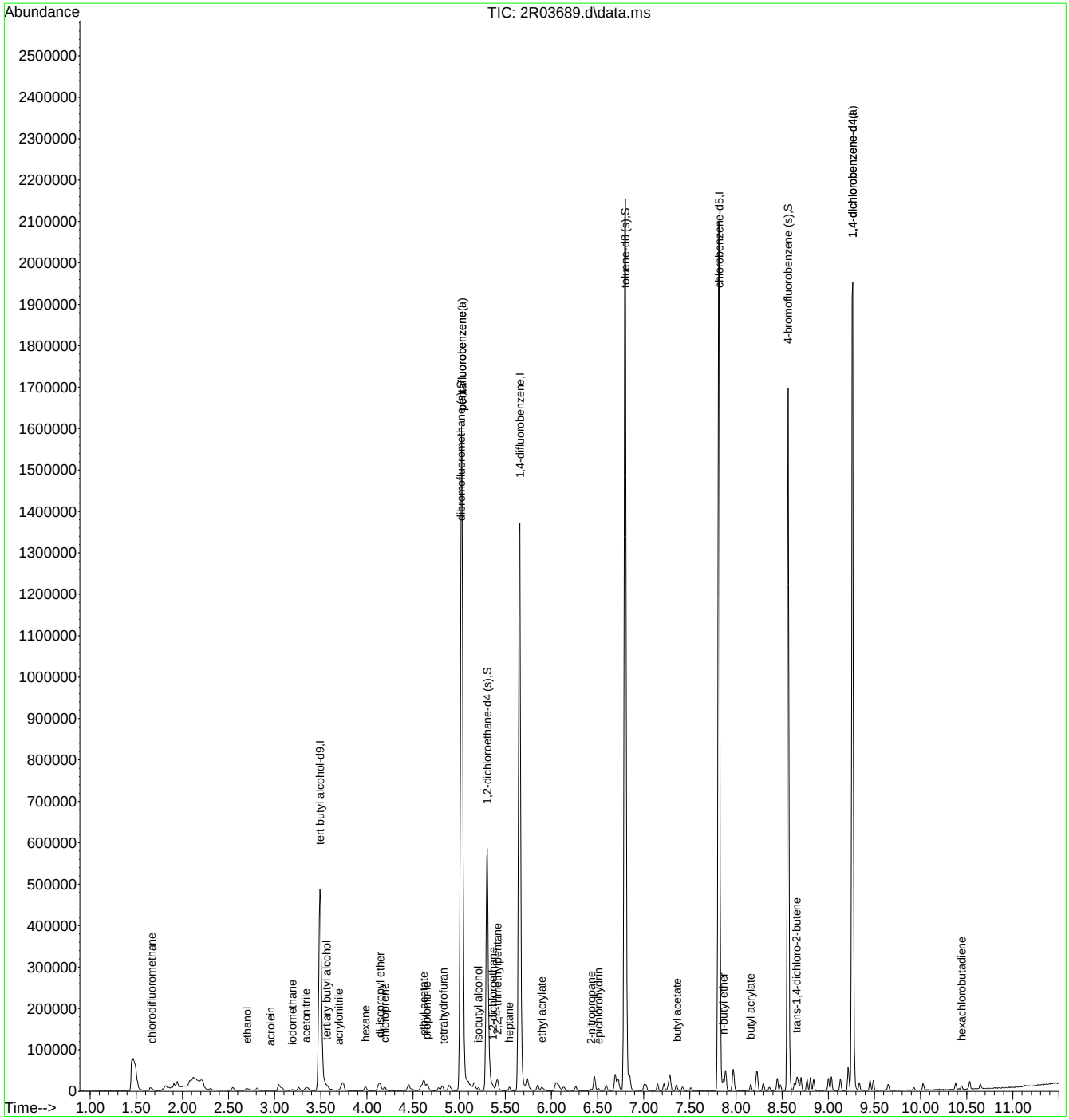
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.491	65	575272	500.00	ug/L	0.01
5) pentafluorobenzene	5.030	168	667785	50.00	ug/L	0.01
52) 1,4-difluorobenzene	5.657	114	1027964	50.00	ug/L	0.01
73) chlorobenzene-d5	7.816	117	939974	50.00	ug/L	0.01
97) 1,4-dichlorobenzene-d4	9.264	152	389759	50.00	ug/L	0.01
125) pentafluorobenzene(a)	5.030	168	667785	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	389759	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.018	113	323670	56.21	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.42%			
53) 1,2-dichloroethane-d4 (s)	5.304	65	348918	46.77	ug/L	0.01
Spiked Amount 50.000	Range 81 - 124		Recovery = 93.54%			
74) toluene-d8 (s)	6.800	98	1280386	51.75	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.50%			
98) 4-bromofluorobenzene (s)	8.565	174	341347	51.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.90%			
Target Compounds						Qvalue
2) ethanol	2.700	45	9889	72.8570	ug/L	89
3) tertiary butyl alcohol	3.564	59	7170	4.2041	ug/L	94
6) chlorodifluoromethane	1.666	51	4288	0.6883	ug/L	94
15) acrolein	2.956	56	468	0.4665	ug/L #	25
19) acetonitrile	3.339	41	9228	6.8067	ug/L	91
20) iodomethane	3.193	142	3894	0.8138	ug/L	83
26) hexane	3.984	56	1779	0.4521	ug/L #	77
27) di-isopropyl ether	4.142	45	9925	0.5888	ug/L	87
30) chloroprene	4.191	53	4563	0.6103	ug/L	89
31) acrylonitrile	3.698	53	1860	0.6150	ug/L	84
34) ethyl acetate	4.616	45	599	0.4447	ug/L #	72
37) propionitrile	4.647	54	11298	8.2120	ug/L	83
41) tetrahydrofuran	4.829	42	2446	0.7536	ug/L	95
47) isobutyl alcohol	5.207	43	3987	7.6907	ug/L	90
55) 2,2,4-trimethylpentane	5.413	57	8087	0.5421	ug/L	93
58) heptane	5.541	57	2046	0.6116	ug/L #	52
59) 1,2-dichloroethane	5.365	62	6492	0.8865	ug/L	93
60) ethyl acrylate	5.894	55	7273	0.8044	ug/L	68
68) 2-nitropropane	6.429	41	2171	0.8801	ug/L	67
69) epichlorohydrin	6.508	57	3692	3.4739	ug/L	79
82) butyl acetate	7.360	56	3376	0.6920	ug/L #	68
85) n-butyl ether	7.865	57	14632	0.6715	ug/L	95
92) butyl acrylate	8.157	55	7545	0.6572	ug/L	92
100) trans-1,4-dichloro-2-b...	8.656	53	1846	0.7939	ug/L #	69
121) hexachlorobutadiene	10.445	225	1211	0.6937	ug/L	85

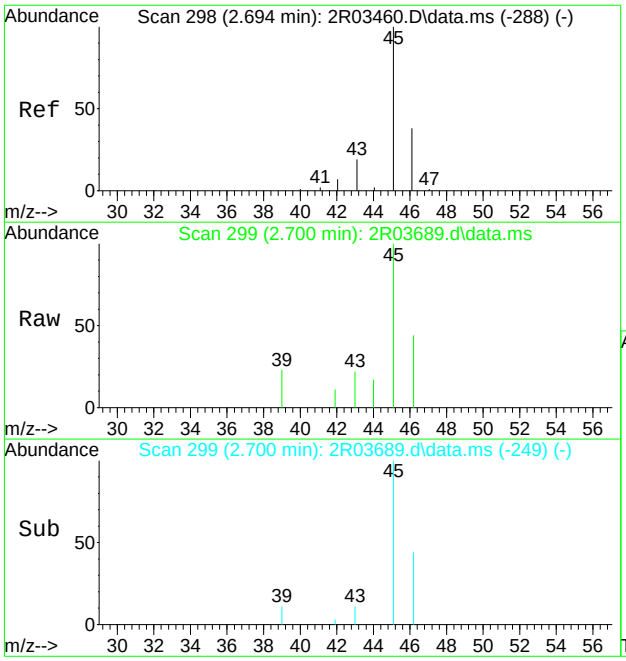
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03689.d
Acq On : 23 May 2023 9:13 am
Operator : edwardd
Sample : cc111-1 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 04:50:32 2023
Quant Method : C:\msdchem\1\methods\M2R111.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

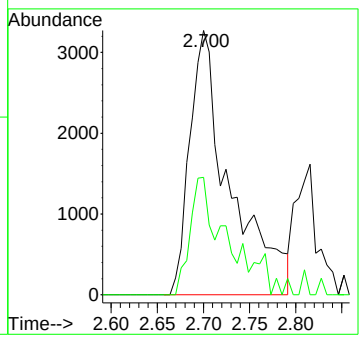


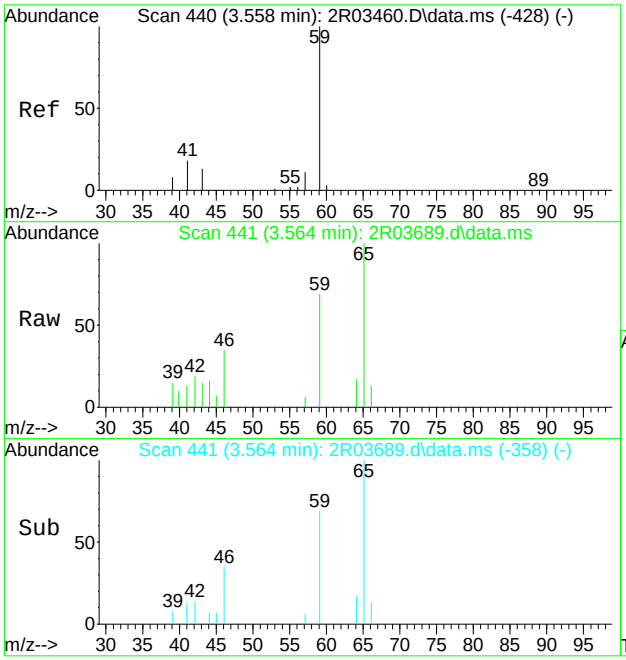


#2
ethanol
Concen: 72.8570 ug/L
RT: 2.700 min Scan# 299
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 45 Resp: 9889

Ion	Ratio	Lower	Upper
45	100		
46	44.5	17.9	57.9

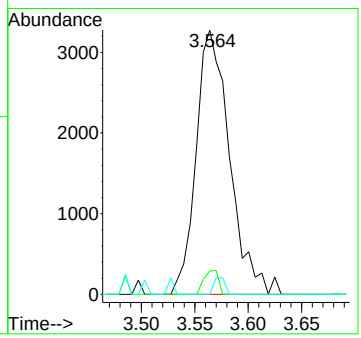


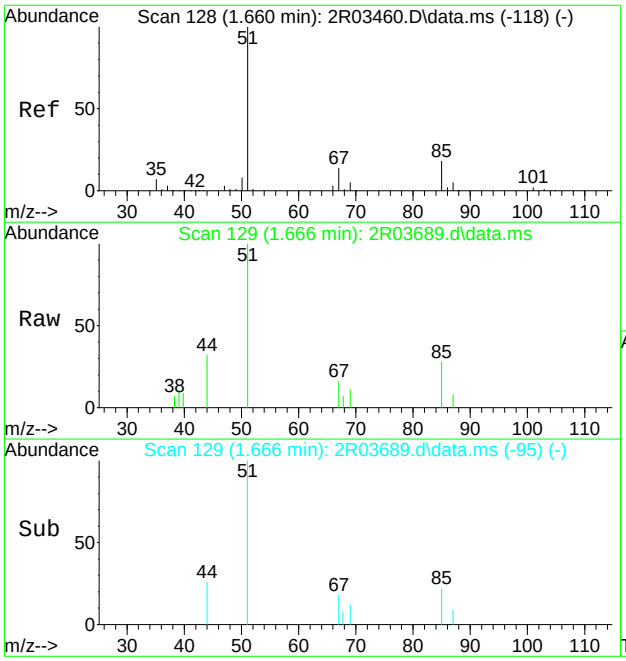


#3
tertiary butyl alcohol
Concen: 4.2041 ug/L
RT: 3.564 min Scan# 441
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 59 Resp: 7170

Ion	Ratio	Lower	Upper
59	100		
57	8.9	0.0	40.5
60	0.0	0.0	33.7

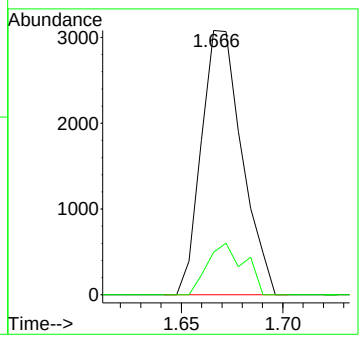


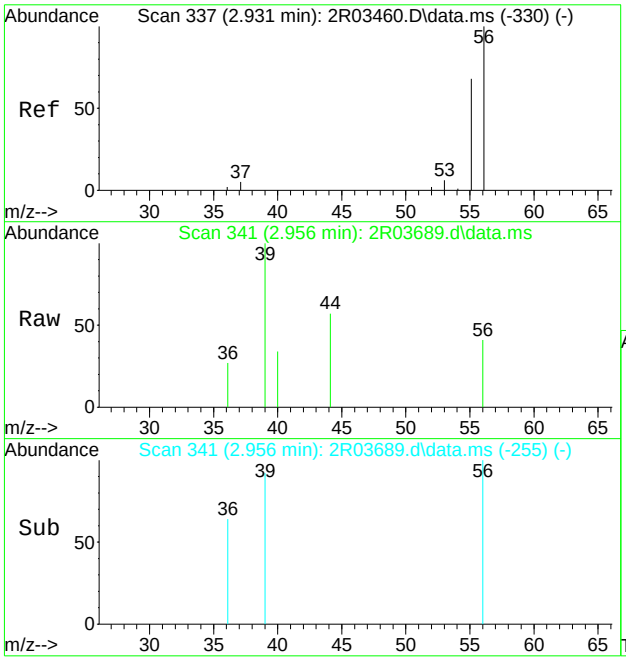


#6
chlorodifluoromethane
Concen: 0.6883 ug/L
RT: 1.666 min Scan# 129
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 51 Resp: 4288

Ion	Ratio	Lower	Upper
51	100		
67	16.2	0.0	43.9

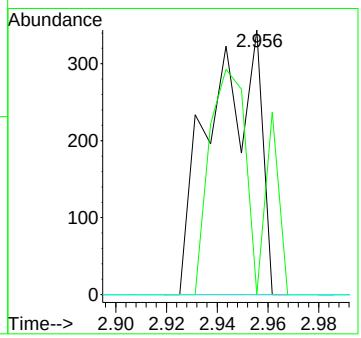


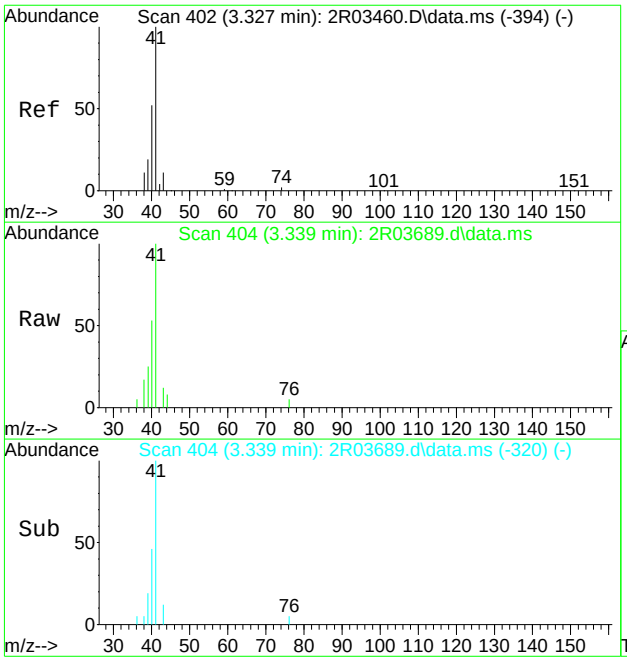


#15
acrolein
Concen: 0.4665 ug/L
RT: 2.956 min Scan# 341
Delta R.T. 0.024 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 56 Resp: 468

Ion	Ratio	Lower	Upper
56	100		
55	0.0	32.7	92.7#
53	0.0	0.0	36.3

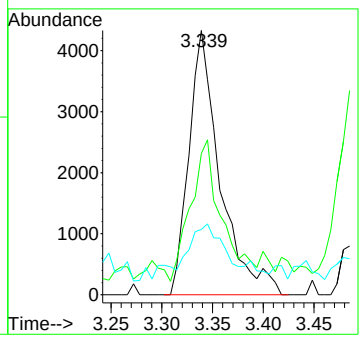


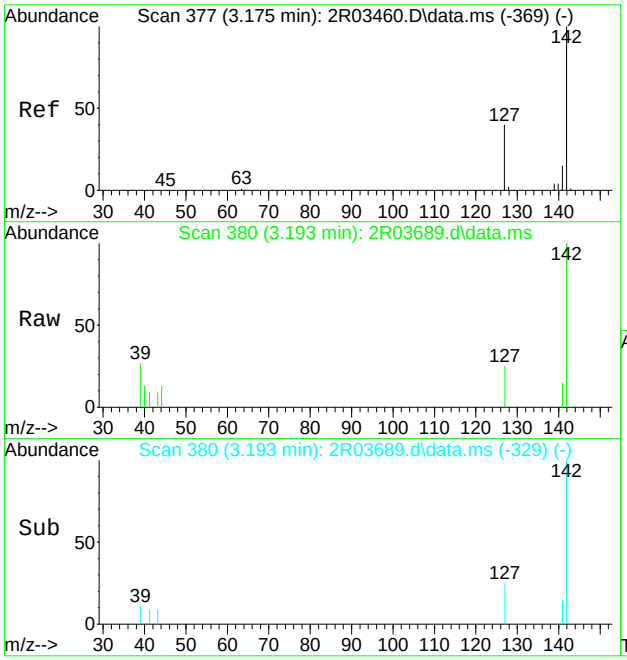


#19
acetonitrile
Concen: 6.8067 ug/L
RT: 3.339 min Scan# 404
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 41 Resp: 9228

Ion	Ratio	Lower	Upper
41	100		
40	44.0	22.9	82.9
39	18.7	0.0	48.7

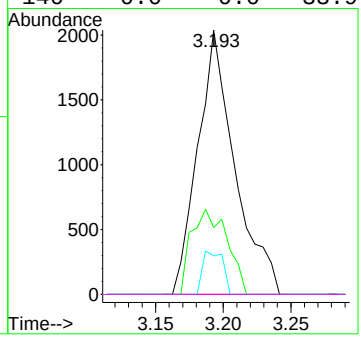


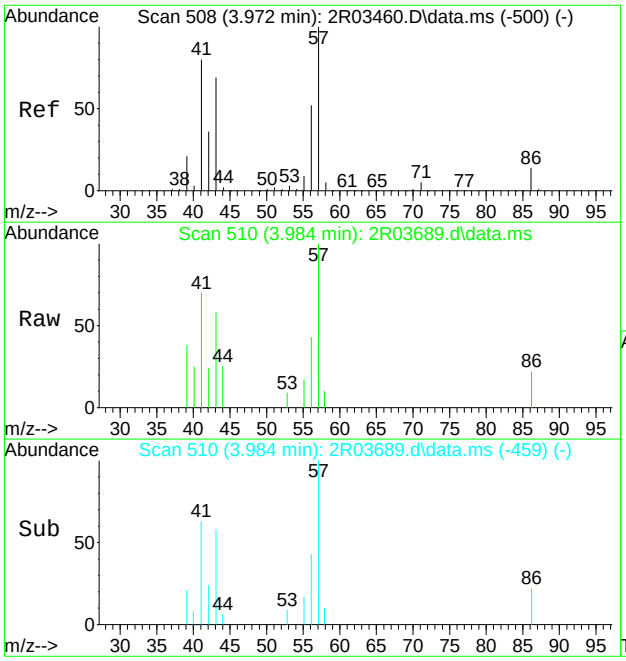


#20
iodomethane
Concen: 0.8138 ug/L
RT: 3.193 min Scan# 380
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion:142 Resp: 3894

Ion	Ratio	Lower	Upper
142	100		
127	25.2	8.8	68.8
141	14.6	0.0	43.6
140	0.0	0.0	33.9

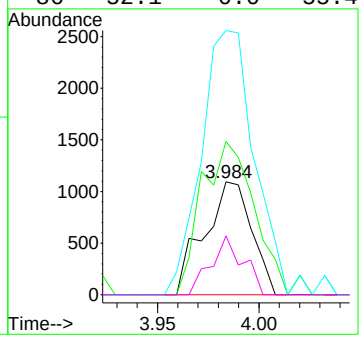


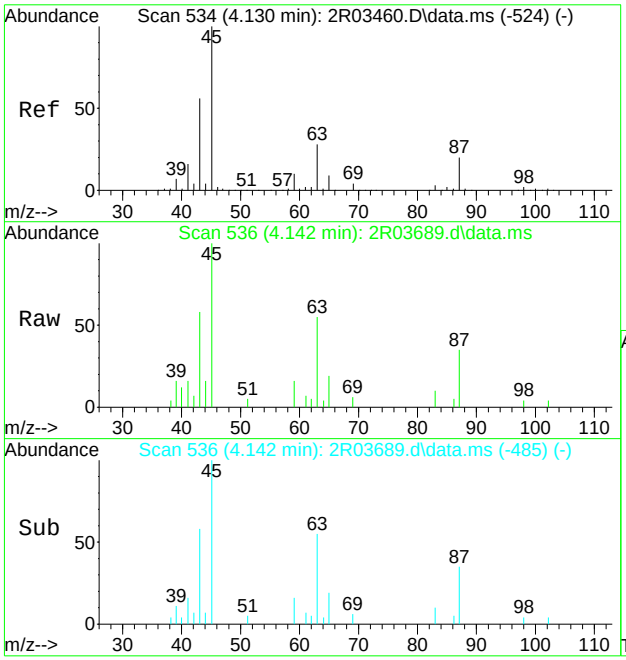


#26
hexane
Concen: 0.4521 ug/L
RT: 3.984 min Scan# 510
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 56 Resp: 1779

Ion	Ratio	Lower	Upper
56	100		
43	135.6	100.9	160.9
57	233.8	156.3	216.3#
86	52.1	0.0	55.4

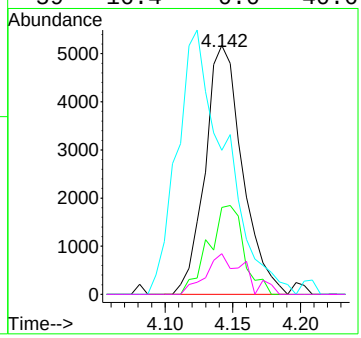


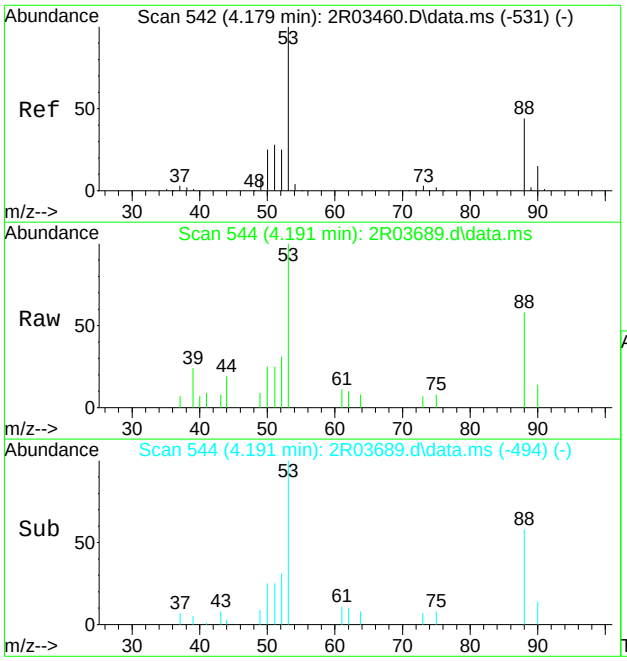


#27
di-isopropyl ether
Concen: 0.5888 ug/L
RT: 4.142 min Scan# 536
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 45 Resp: 9925

Ion	Ratio	Lower	Upper
45	100		
87	34.9	0.0	49.8
43	53.9	21.0	81.0
59	16.4	0.0	40.6

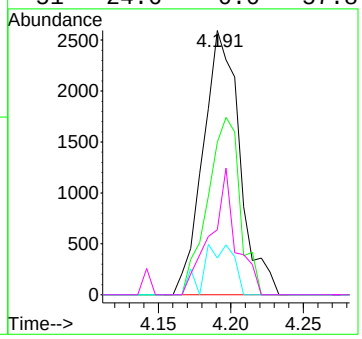


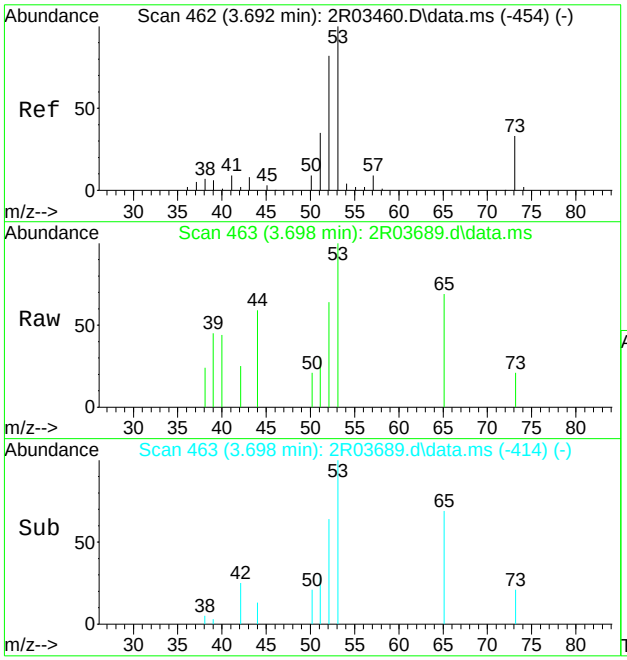


#30
chloroprene
Concen: 0.6103 ug/L
RT: 4.191 min Scan# 544
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 53 Resp: 4563

Ion	Ratio	Lower	Upper
53	100		
88	57.7	17.0	77.0
90	13.9	0.0	45.0
51	24.6	0.0	57.8

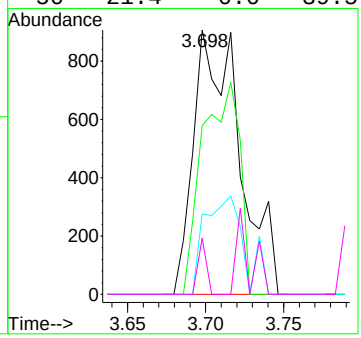


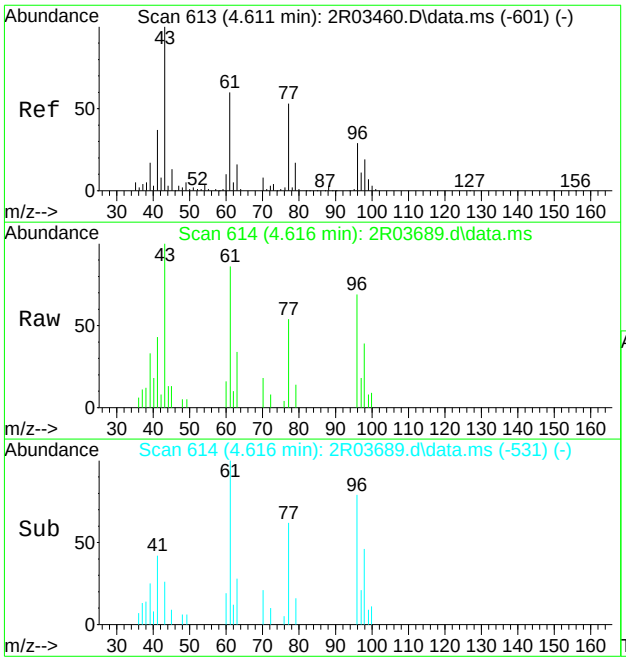


#31
acrylonitrile
Concen: 0.6150 ug/L
RT: 3.698 min Scan# 463
Delta R.T. -0.000 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 53 Resp: 1860

Ion	Ratio	Lower	Upper
53	100		
52	63.8	48.6	108.6
51	30.4	5.3	65.3
50	21.4	0.0	39.5

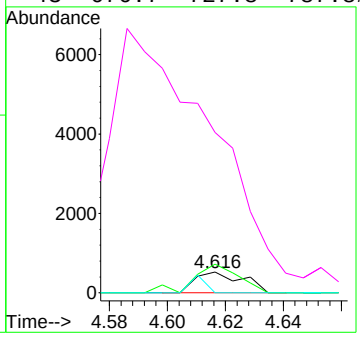


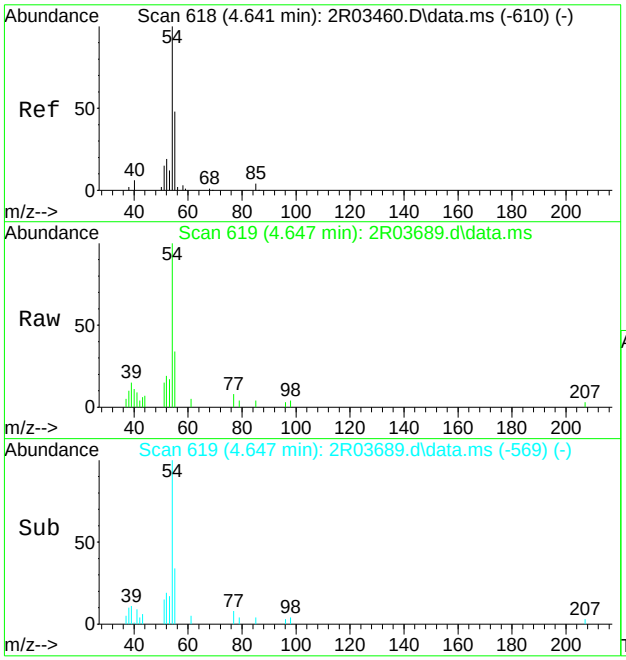


#34
ethyl acetate
Concen: 0.4447 ug/L
RT: 4.616 min Scan# 614
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 45 Resp: 599

Ion	Ratio	Lower	Upper
45	100		
70	137.4	35.7	95.7#
73	0.0	0.0	58.5
43	676.7	727.8	787.8#

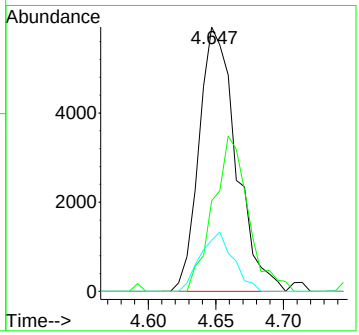


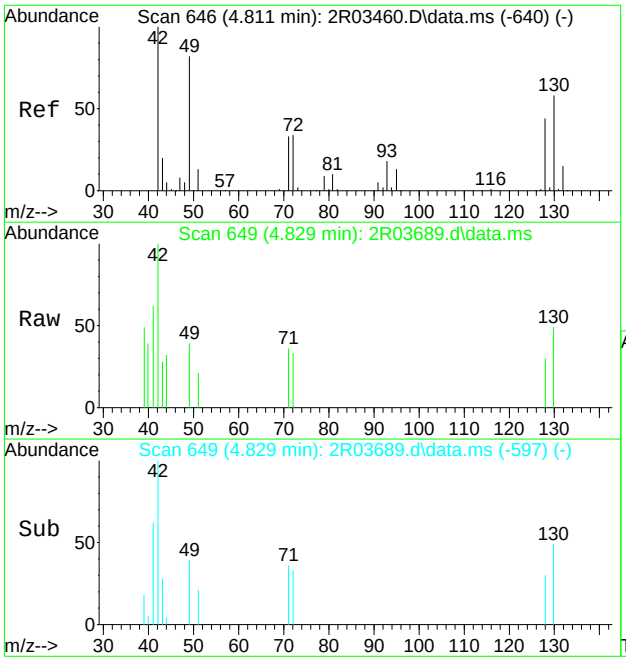


#37
propionitrile
Concen: 8.2120 ug/L
RT: 4.647 min Scan# 619
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 54 Resp: 11298

Ion	Ratio	Lower	Upper
54	100		
55	34.3	20.4	80.4
52	19.3	0.0	50.2

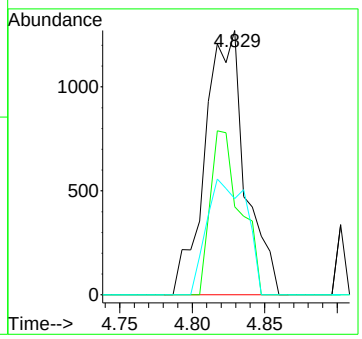


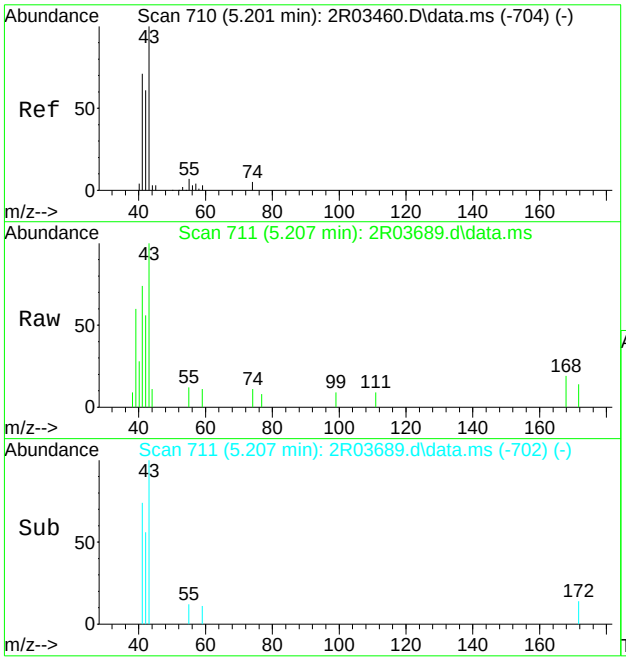


#41
tetrahydrofuran
Concen: 0.7536 ug/L
RT: 4.829 min Scan# 649
Delta R.T. 0.018 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 42 Resp: 2446

Ion	Ratio	Lower	Upper
42	100		
72	33.3	4.8	64.8
71	36.4	2.6	62.6

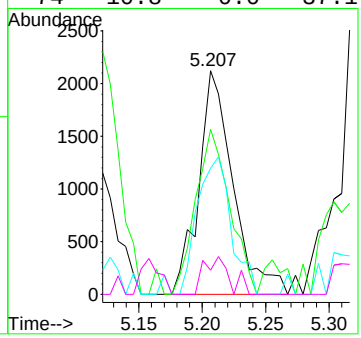


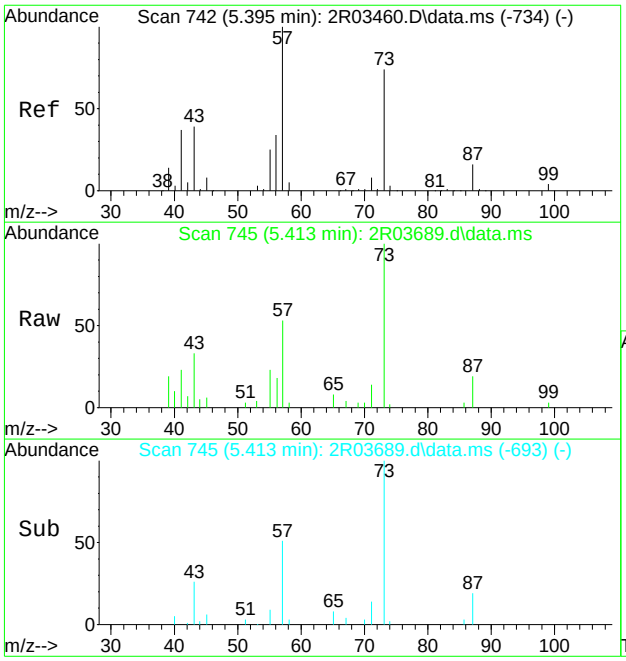


#47
isobutyl alcohol
Concen: 7.6907 ug/L
RT: 5.207 min Scan# 711
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 43 Resp: 3987

Ion	Ratio	Lower	Upper
43	100		
41	73.8	40.3	100.3
42	47.7	29.8	89.8
74	10.8	0.0	37.1

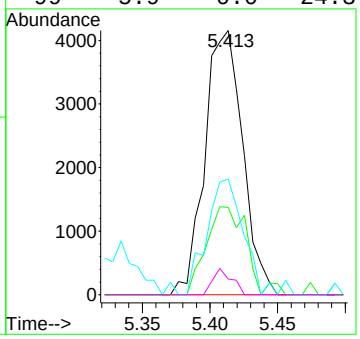


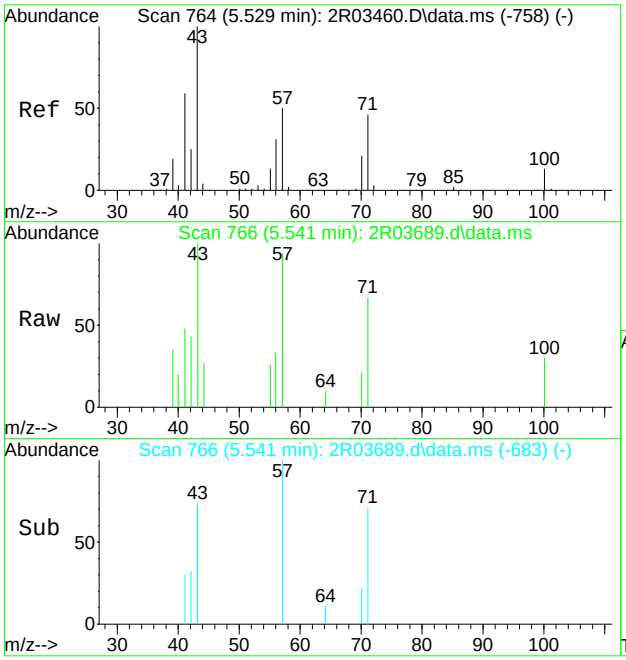


#55
2,2,4-trimethylpentane
Concen: 0.5421 ug/L
RT: 5.413 min Scan# 745
Delta R.T. 0.018 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 57 Resp: 8087

Ion	Ratio	Lower	Upper
57	100		
56	33.1	4.2	64.2
41	43.8	6.9	66.9
99	5.9	0.0	24.3

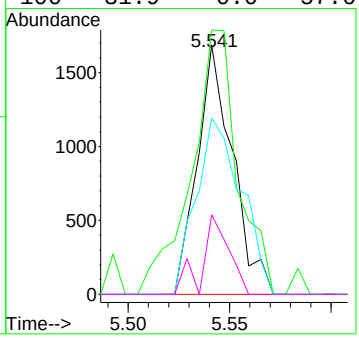


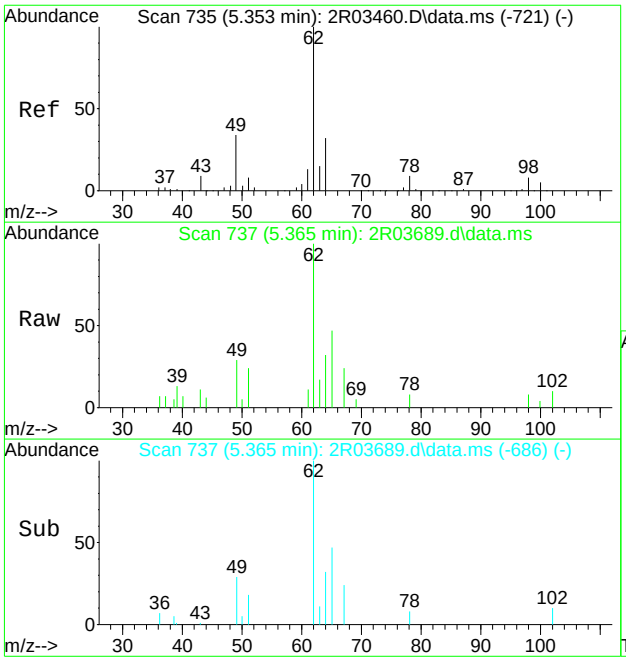


#58
heptane
Concen: 0.6116 ug/L
RT: 5.541 min Scan# 766
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 57 Resp: 2046

Ion	Ratio	Lower	Upper
57	100		
43	106.0	174.2	234.2#
71	70.8	66.6	126.6
100	31.9	0.0	57.6

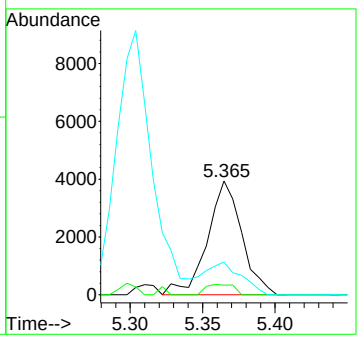


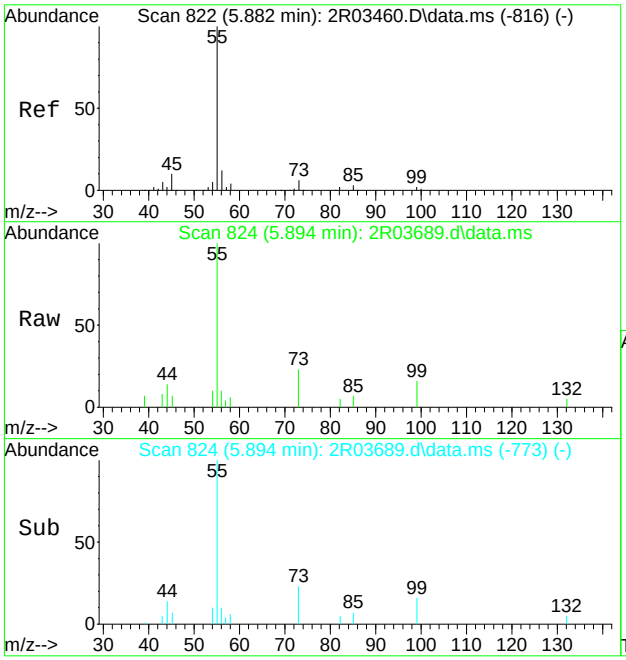


#59
1,2-dichloroethane
Concen: 0.8865 ug/L
RT: 5.365 min Scan# 737
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 62 Resp: 6492

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	38.5
49	29.0	4.3	64.3

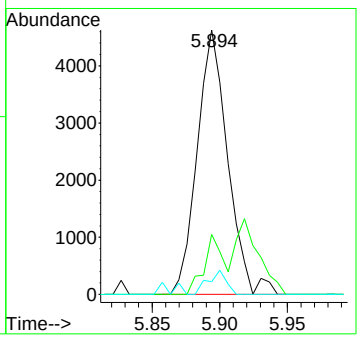


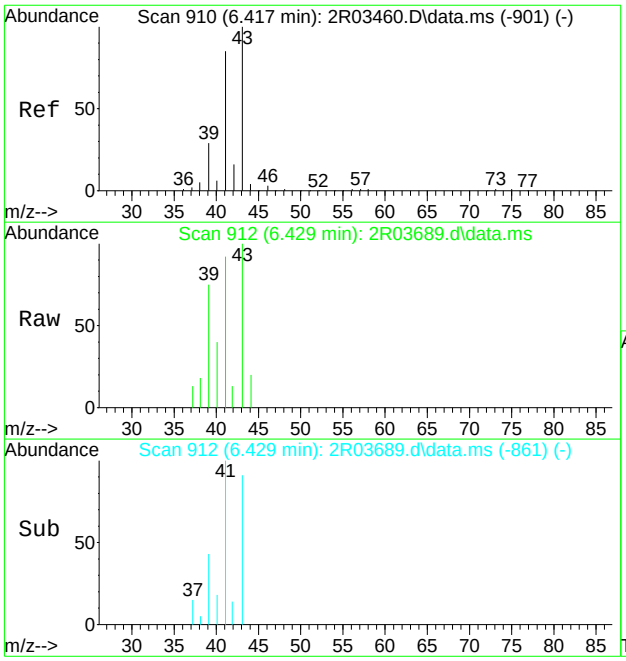


#60
ethyl acrylate
Concen: 0.8044 ug/L
RT: 5.894 min Scan# 824
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 55 Resp: 7273

Ion	Ratio	Lower	Upper
55	100		
73	22.7	0.0	26.2
82	4.8	0.0	23.6

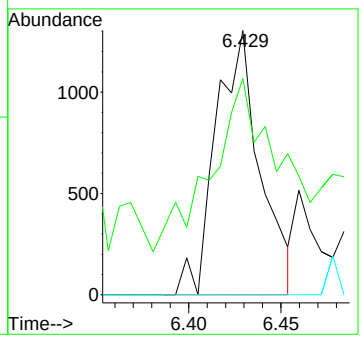


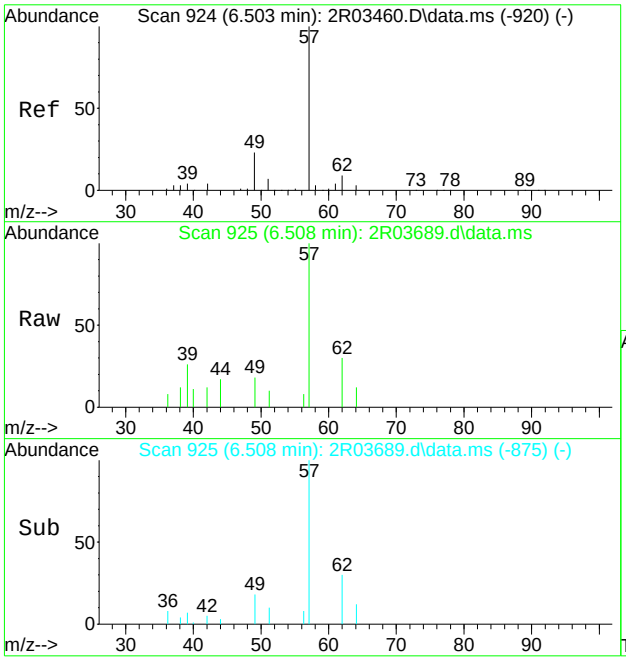


#68
2-nitropropane
Concen: 0.8801 ug/L
RT: 6.429 min Scan# 912
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 41 Resp: 2171

Ion	Ratio	Lower	Upper
41	100		
39	56.2	5.6	65.6
46	0.0	0.0	34.1

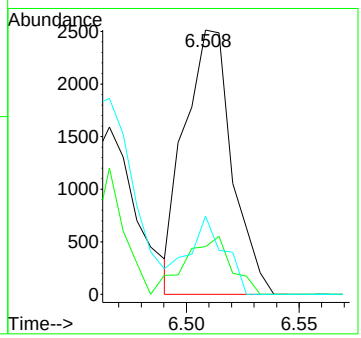


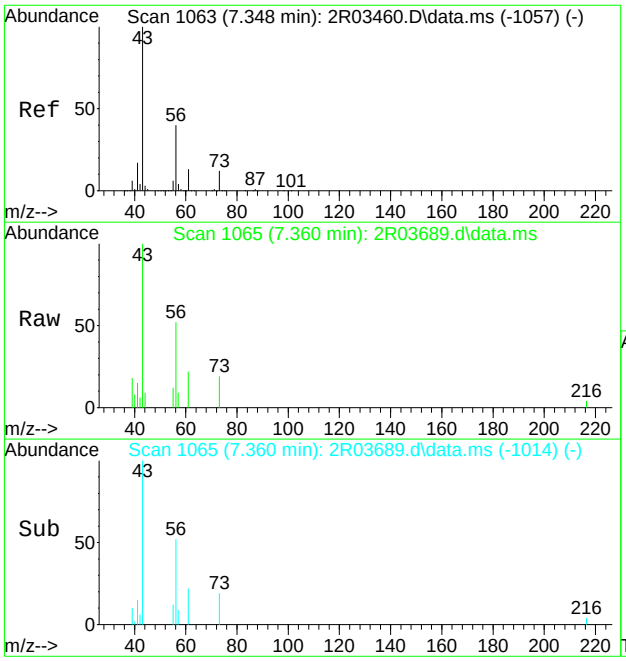


#69
epichlorohydrin
Concen: 3.4739 ug/L
RT: 6.508 min Scan# 925
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 57 Resp: 3692

Ion	Ratio	Lower	Upper
57	100		
49	18.1	0.0	57.1
62	29.6	0.0	47.4

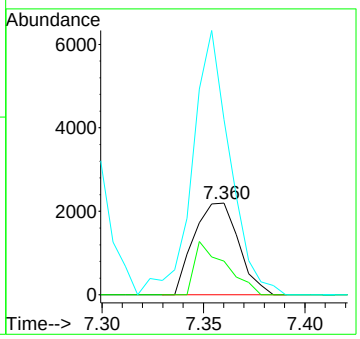


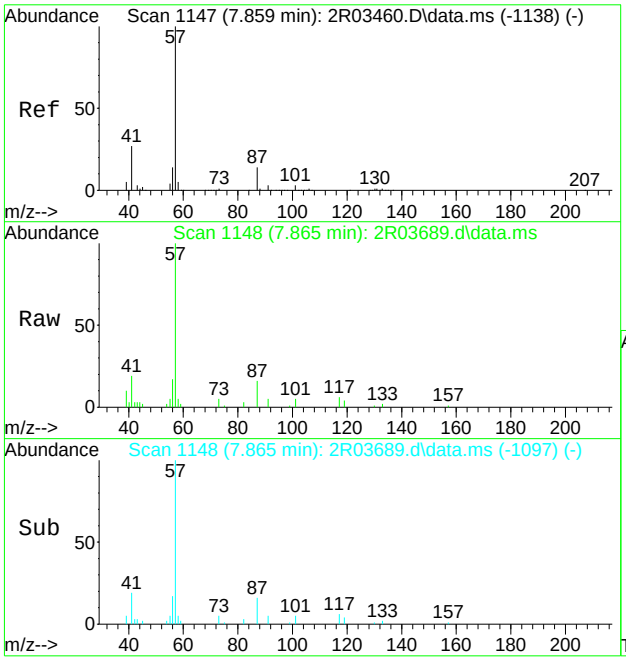


#82
butyl acetate
Concen: 0.6920 ug/L
RT: 7.360 min Scan# 1065
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 56 Resp: 3376

Ion	Ratio	Lower	Upper
56	100		
73	36.8	2.0	62.0
43	190.9	222.2	282.2#

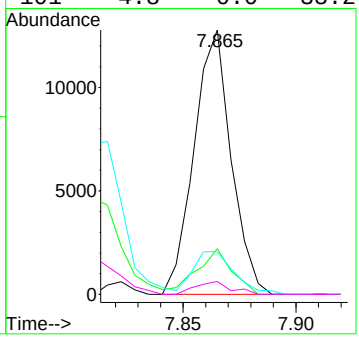


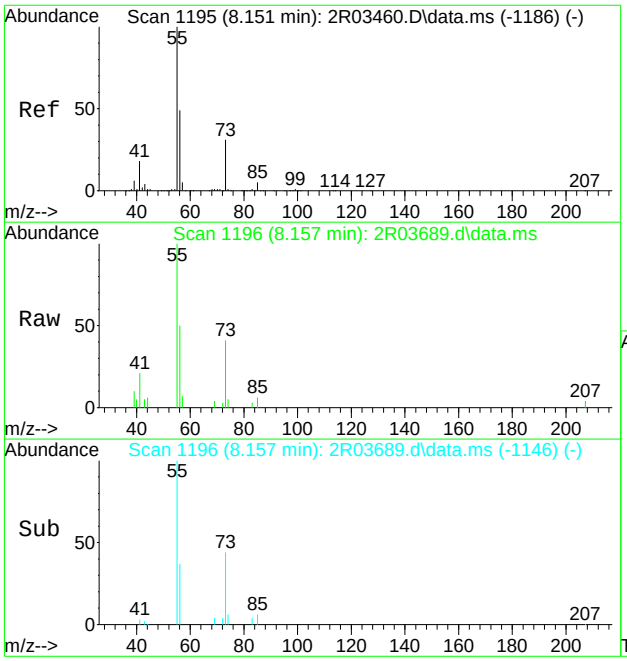


#85
n-butyl ether
Concen: 0.6715 ug/L
RT: 7.865 min Scan# 1148
Delta R.T. 0.012 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 57 Resp: 14632

Ion	Ratio	Lower	Upper
57	100		
56	17.3	0.0	35.1
87	16.1	0.0	44.2
101	4.8	0.0	33.2

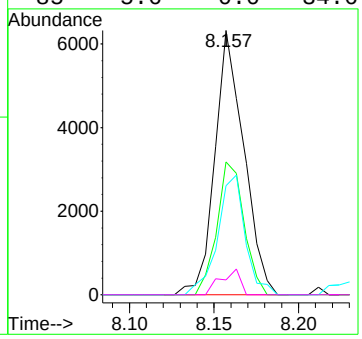


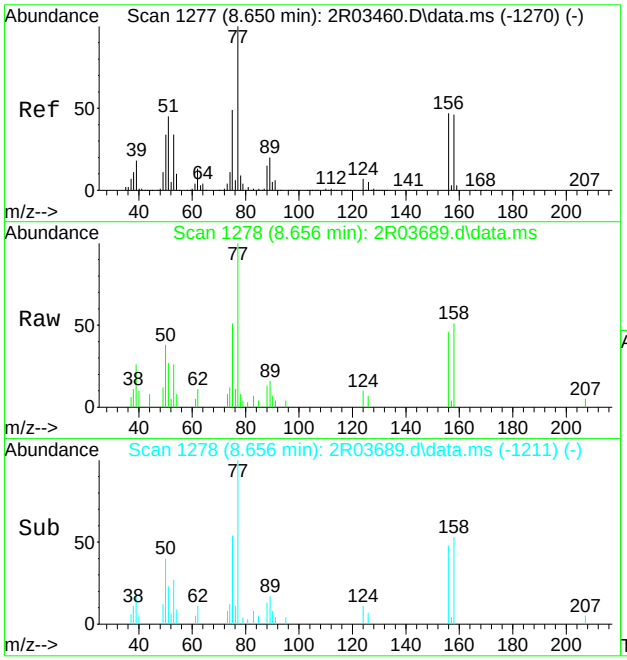


#92
butyl acrylate
Concen: 0.6572 ug/L
RT: 8.157 min Scan# 1196
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 55 Resp: 7545

Ion	Ratio	Lower	Upper
55	100		
56	50.2	29.2	69.2
73	41.3	11.6	51.6
85	5.6	0.0	34.6

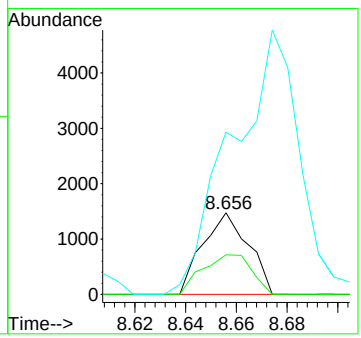


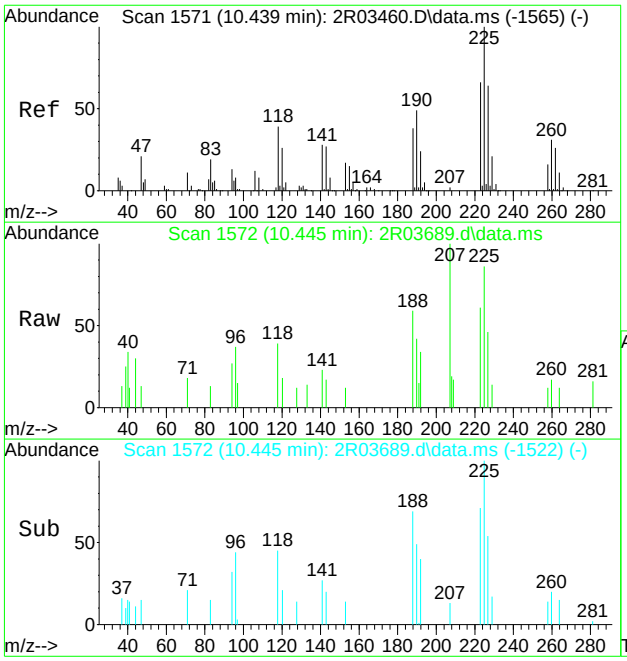


#100
trans-1,4-dichloro-2-butene
Concen: 0.7939 ug/L
RT: 8.656 min Scan# 1278
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion: 53 Resp: 1846

Ion	Ratio	Lower	Upper
53	100		
88	48.5	13.5	73.5
75	199.0	120.7	180.7#

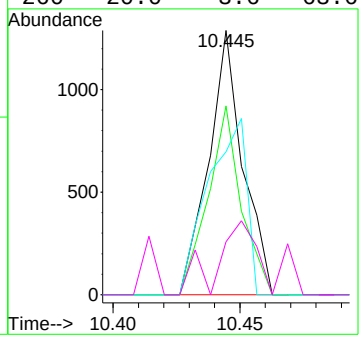




#121
hexachlorobutadiene
Concen: 0.6937 ug/L
RT: 10.445 min Scan# 1572
Delta R.T. 0.006 min
Lab File: 2R03689.d
Acq: 23 May 2023 9:13 am

Tgt Ion:225 Resp: 1211

Ion	Ratio	Lower	Upper
225	100		
223	71.5	32.7	92.7
227	54.1	34.8	94.8
260	20.0	3.6	63.6



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03691.d
Acq On : 23 May 2023 10:10 am
Operator : edwardd
Sample : cc115-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 24 04:39:15 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

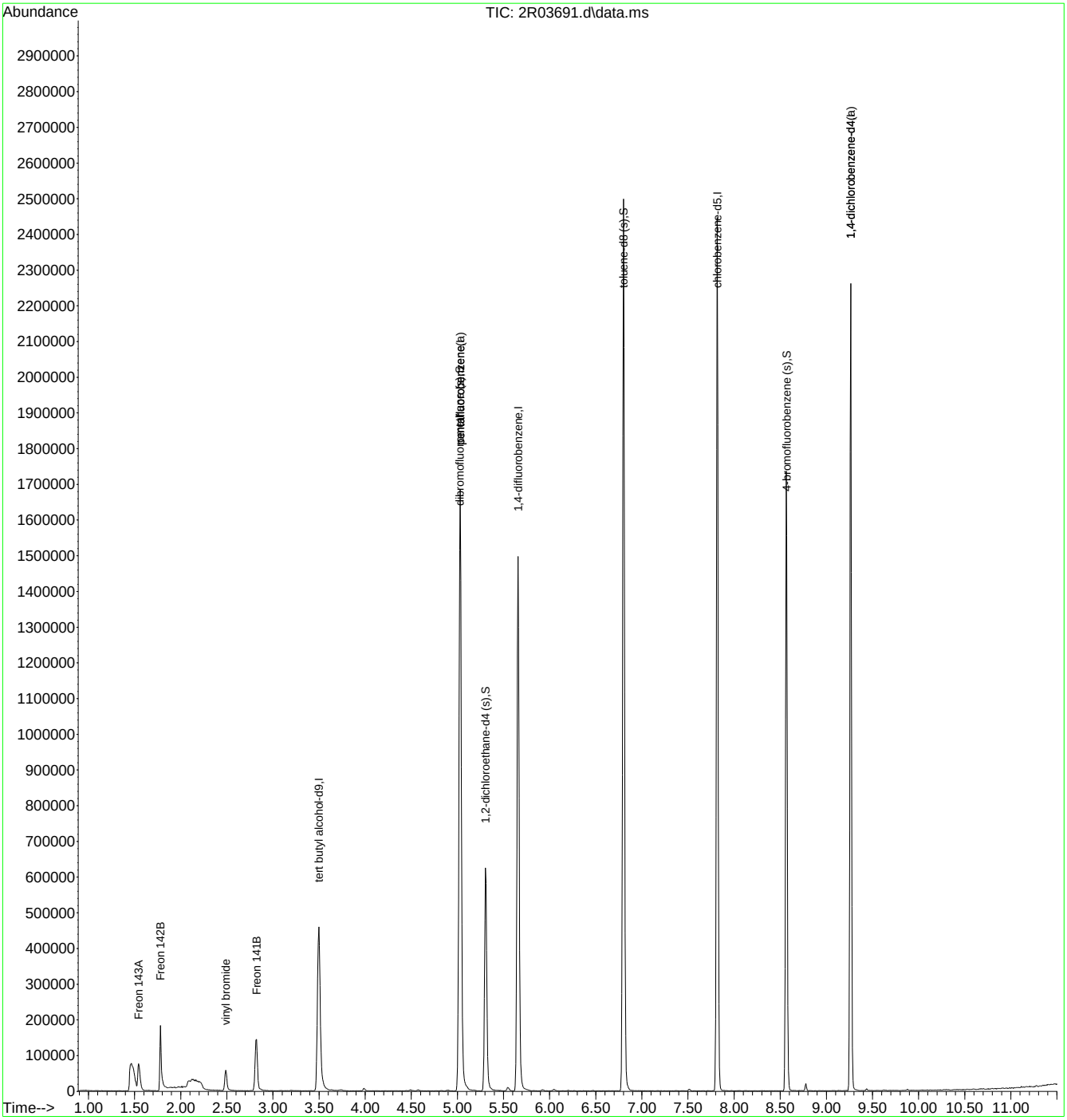
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	3.497	65	560555	500.00	ug/L	0.01
5) pentafluorobenzene	5.030	168	696277	50.00	ug/L	0.00
52) 1,4-difluorobenzene	5.657	114	1078806	50.00	ug/L	0.00
73) chlorobenzene-d5	7.817	117	996093	50.00	ug/L	0.00
97) 1,4-dichlorobenzene-d4	9.264	152	419296	50.00	ug/L	0.00
125) pentafluorobenzene(a)	5.030	168	696277	50.00	ug/L	0.00
131) 1,4-dichlorobenzene-d4(a)	9.264	152	419296	50.00	ug/L	0.00
System Monitoring Compounds						
44) dibromofluoromethane (s)	5.024	113	337058	54.06	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.12%			
53) 1,2-dichloroethane-d4 (s)	5.304	65	376522	47.20	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 94.40%			
74) toluene-d8 (s)	6.801	98	1358407	52.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.52%			
98) 4-bromofluorobenzene (s)	8.571	174	364104	50.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.44%			
Target Compounds						Qvalue
126) Freon 143A	1.544	69	79084	23.6166	ug/L	96
128) Freon 142B	1.782	65	113526	23.1284	ug/L	79
129) vinyl bromide	2.487	106	37777	21.2121	ug/L	99
130) Freon 141B	2.822	81	114576	20.6027	ug/L	92

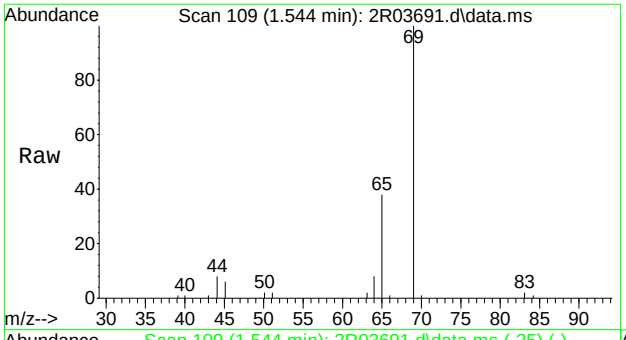
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\geralyng\05-24-2023\V2R125\
Data File : 2R03691.d
Acq On : 23 May 2023 10:10 am
Operator : edwardd
Sample : cc115-20 Inst : GCMSR
Misc : MS69539,V2R0125,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 24 04:39:15 2023
Quant Method : C:\msdchem\1\methods\M2R115.M
Quant Title : SW846 8260D, Rxi624Sil MS 60m x 0.25mm x 1.4um
QLast Update : Tue May 16 16:33:27 2023
Response via : Initial Calibration

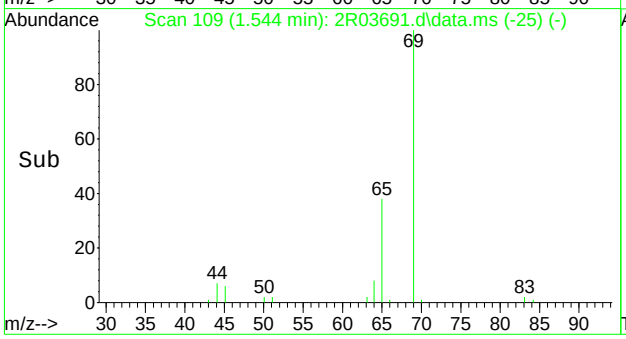


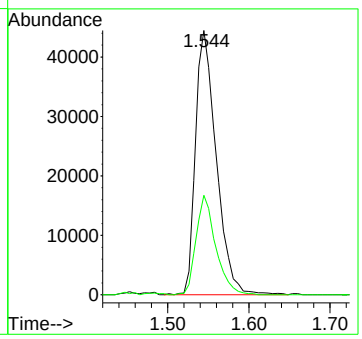


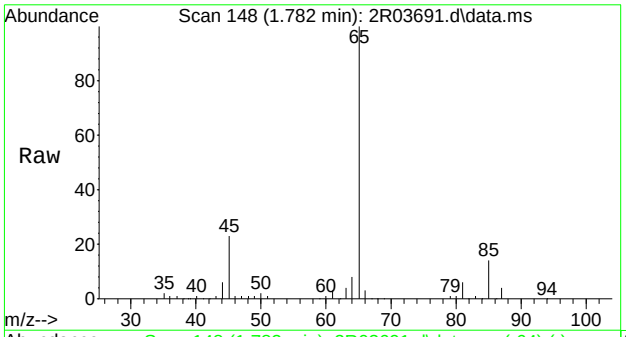
#126
Freon 143A
Concen: 23.6166 ug/L
RT: 1.544 min Scan# 109
Delta R.T. 0.012 min
Lab File: 2R03691.d
Acq: 23 May 2023 10:10 am

Tgt Ion: 69 Resp: 79084

Ion	Ratio	Lower	Upper
69	100		
65	37.7	5.6	65.6



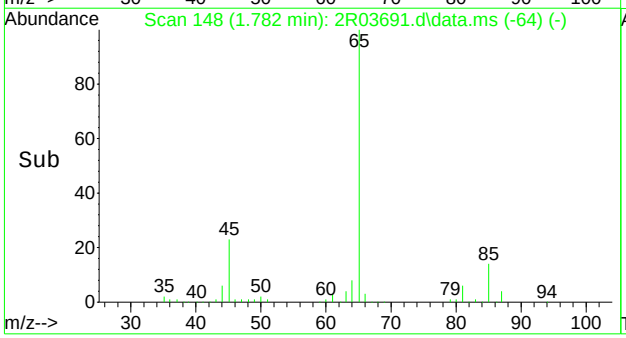


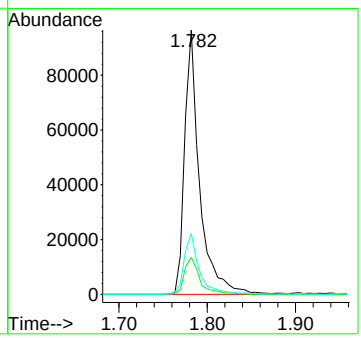


#128
Freon 142B
Concen: 23.1284 ug/L
RT: 1.782 min Scan# 148
Delta R.T. 0.013 min
Lab File: 2R03691.d
Acq: 23 May 2023 10:10 am

Tgt Ion: 65 Resp: 113526

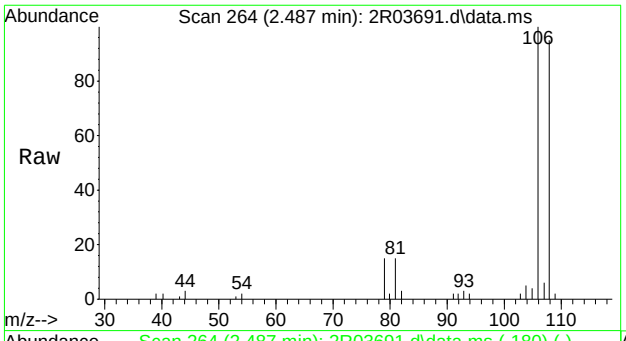
Ion	Ratio	Lower	Upper
65	100		
85	14.0	0.0	59.9
45	23.0	0.0	59.3

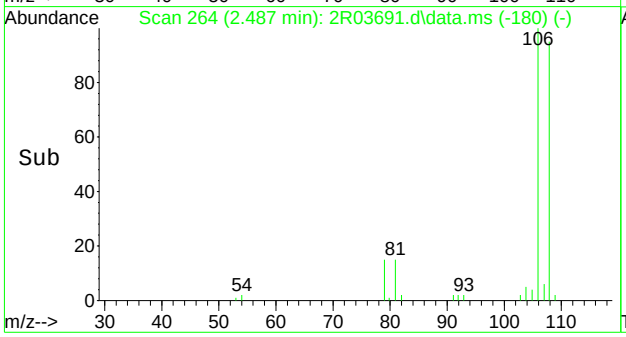


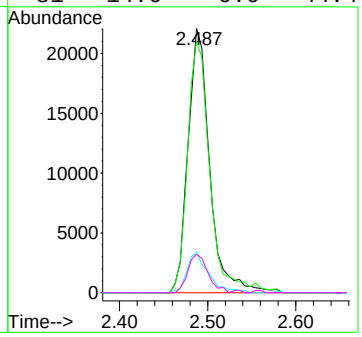


7.7.39

7



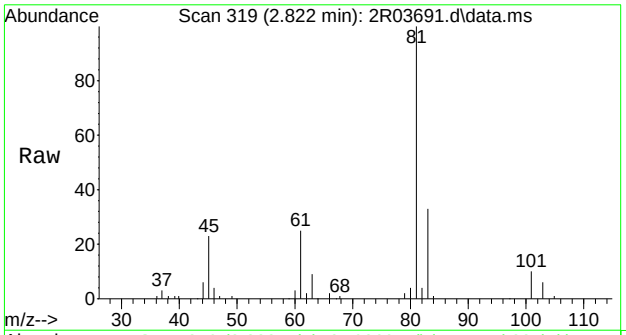


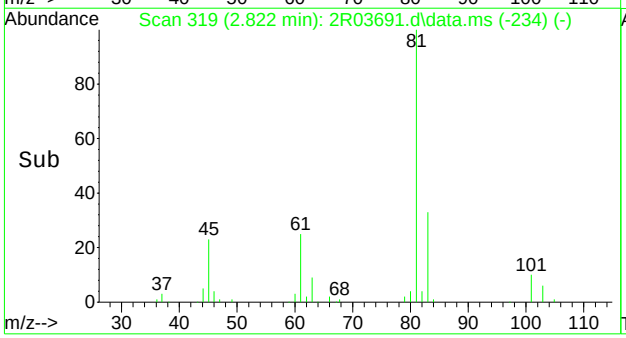


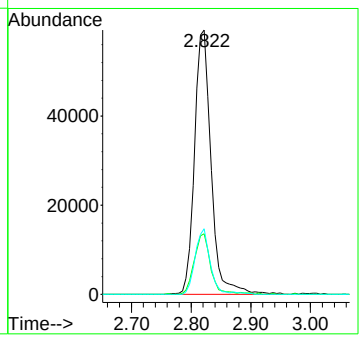
#129
vinyl bromide
Concen: 21.2121 ug/L
RT: 2.487 min Scan# 264
Delta R.T. 0.012 min
Lab File: 2R03691.d
Acq: 23 May 2023 10:10 am

Tgt Ion:106 Resp: 37777

Ion	Ratio	Lower	Upper
106	100		
108	95.1	64.1	124.1
79	15.4	0.0	44.9
81	14.6	0.0	44.4







#130
Freon 141B
Concen: 20.6027 ug/L
RT: 2.822 min Scan# 319
Delta R.T. 0.019 min
Lab File: 2R03691.d
Acq: 23 May 2023 10:10 am

Tgt Ion: 81 Resp: 114576

Ion	Ratio	Lower	Upper
81	100		
45	23.0	0.2	60.2
61	24.8	0.0	55.5

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355083.D
Acq On : 29 Apr 2023 6:12 pm
Operator : PrashanS
Sample : IC10779-0.2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:13:19 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:05:30 2023
Response via : Initial Calibration

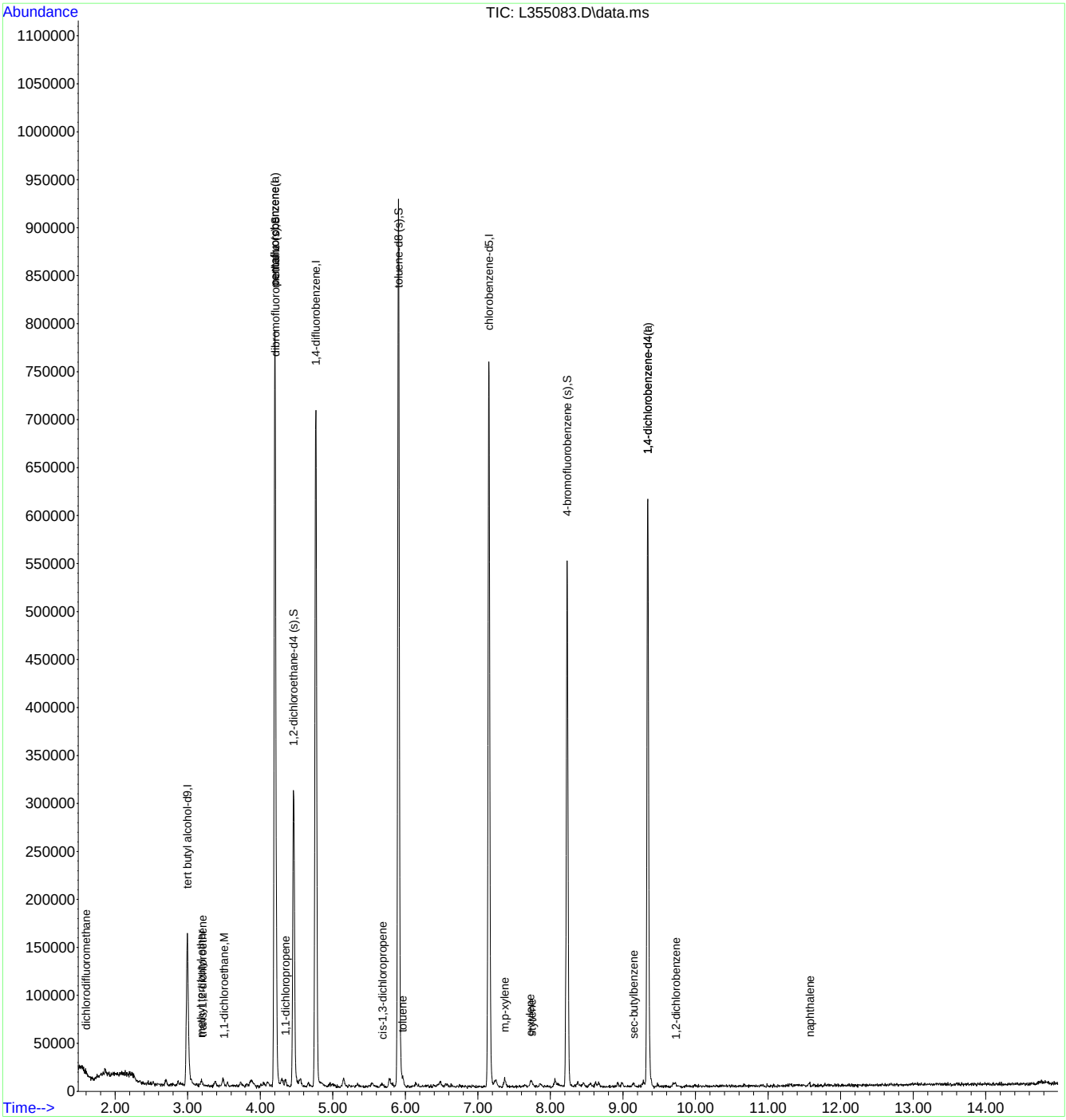
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.995	65	171180	500.00	ug/L		0.00
5) pentafluorobenzene	4.202	168	334932	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.767	114	458619	50.00	ug/L		0.00
72) chlorobenzene-d5	7.154	117	391930	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	164575	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.202	168	334932	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	164575	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.208	113	137174	48.80	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.60%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	169386	54.09	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 108.18%				
73) toluene-d8 (s)	5.906	98	535401	54.08	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.16%				
96) 4-bromofluorobenzene (s)	8.229	95	188884	49.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.42%				
Target Compounds							Qvalue
7) dichlorodifluoromethane	1.596	85	1327	0.18	ug/L		68
25) methyl tert butyl ether	3.188	73	2498	0.21	ug/L		71
26) trans-1,2-dichloroethene	3.204	96	793	0.24	ug/L		93
31) 1,1-dichloroethane	3.502	63	1500	0.21	ug/L		77
47) 1,1-dichloropropene	4.349	75	903	0.18	ug/L	#	67
68) cis-1,3-dichloropropene	5.688	75	1498	0.23	ug/L		71
74) toluene	5.960	92	1676	0.21	ug/L	#	64
88) m,p-xylene	7.369	106	2618	0.48	ug/L		95
89) o-xylene	7.722	106	1234	0.22	ug/L	#	59
91) styrene	7.741	104	1968	0.22	ug/L		89
107) sec-butylbenzene	9.147	105	3358	0.23	ug/L		77
112) 1,2-dichlorobenzene	9.731	146	1249	0.23	ug/L	#	44
118) naphthalene	11.576	128	2013	0.21	ug/L		70

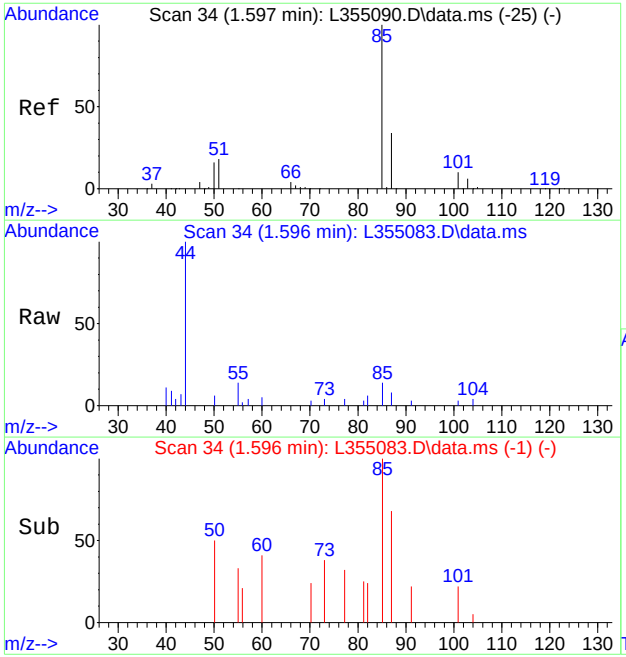
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355083.D
Acq On : 29 Apr 2023 6:12 pm
Operator : PrashanS
Sample : IC10779-0.2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:13:19 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:05:30 2023
Response via : Initial Calibration

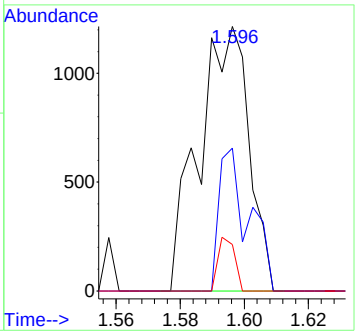


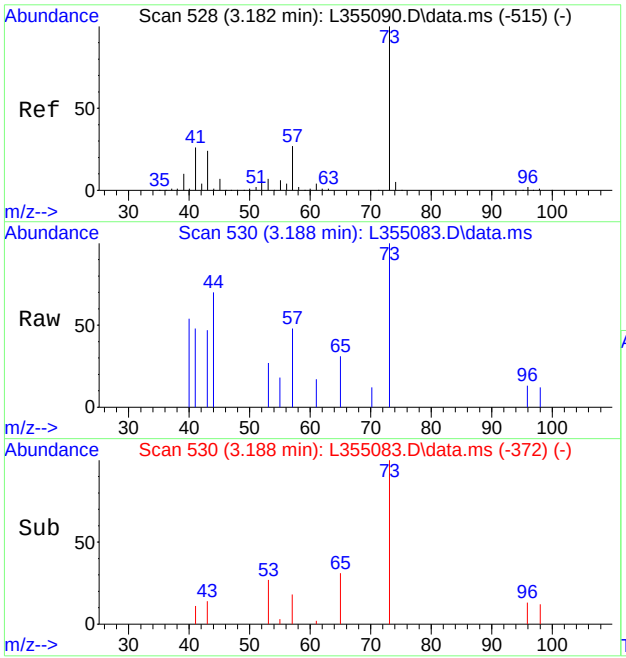


#7
dichlorodifluoromethane
Concen: 0.18 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.000 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 85 Resp: 1327

Ion	Ratio	Lower	Upper
85	100		
87	54.0	3.9	63.9
101	17.5	0.0	39.7

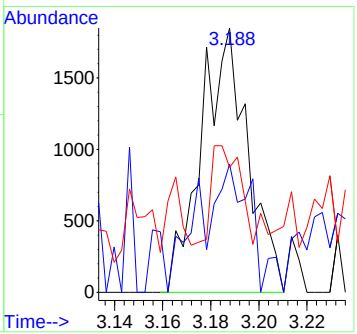


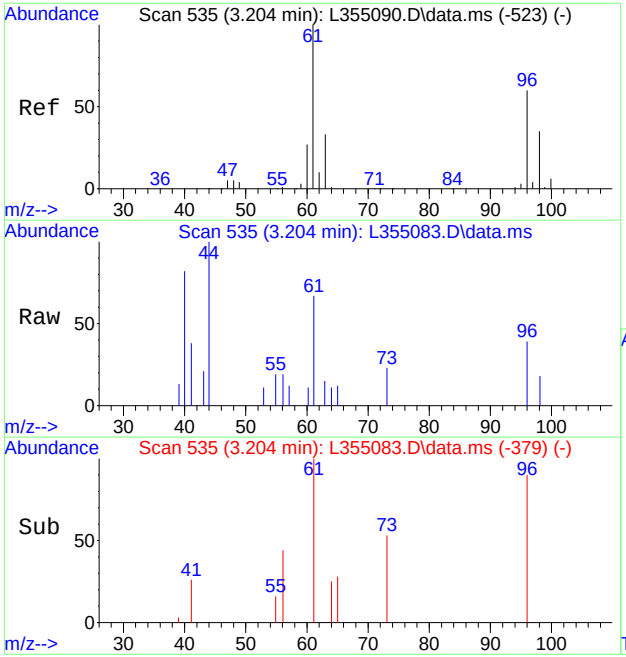


#25
methyl tert butyl ether
Concen: 0.21 ug/L
RT: 3.188 min Scan# 530
Delta R.T. 0.006 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 73 Resp: 2498

Ion	Ratio	Lower	Upper
73	100		
57	48.5	0.0	57.4
43	32.3	0.0	54.2

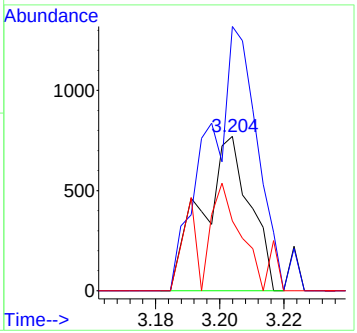


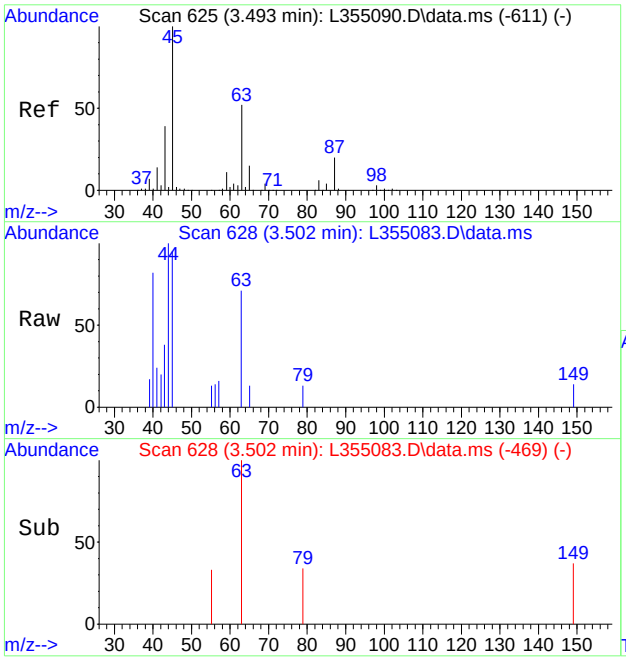


#26
trans-1,2-dichloroethene
Concen: 0.24 ug/L
RT: 3.204 min Scan# 535
Delta R.T. -0.000 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 96 Resp: 793

Ion	Ratio	Lower	Upper
96	100		
61	171.2	136.4	196.4
98	45.1	28.2	88.2

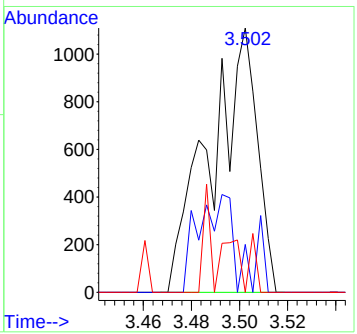


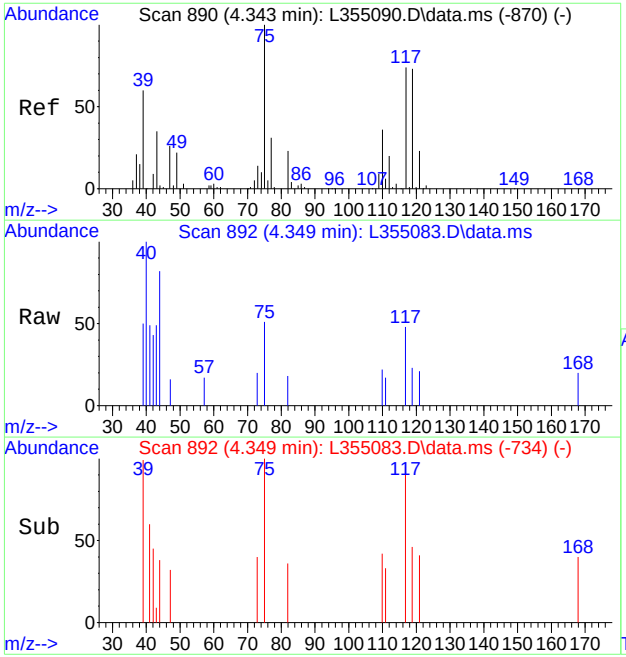


#31
1,1-dichloroethane
Concen: 0.21 ug/L
RT: 3.502 min Scan# 628
Delta R.T. 0.009 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 63 Resp: 1500

Ion	Ratio	Lower	Upper
63	100		
65	18.2	0.0	59.0
83	0.0	0.0	41.4

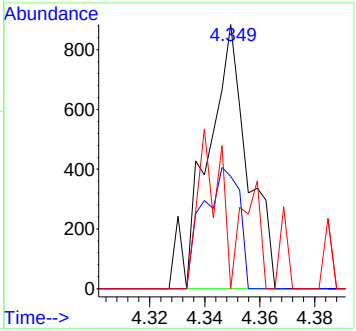


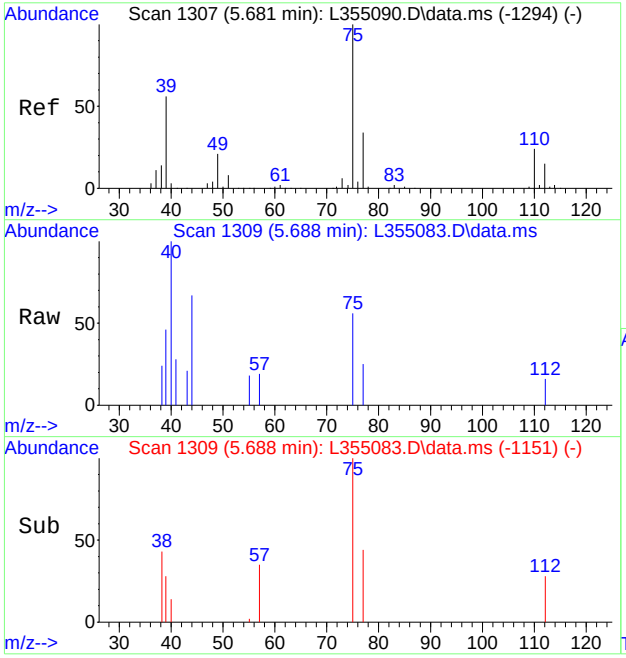


#47
1,1-dichloropropene
Concen: 0.18 ug/L
RT: 4.349 min Scan# 892
Delta R.T. 0.006 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 75 Resp: 903

Ion	Ratio	Lower	Upper
75	100		
110	42.5	15.8	55.8
77	0.0	11.6	51.6#

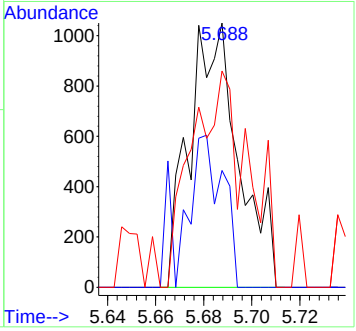


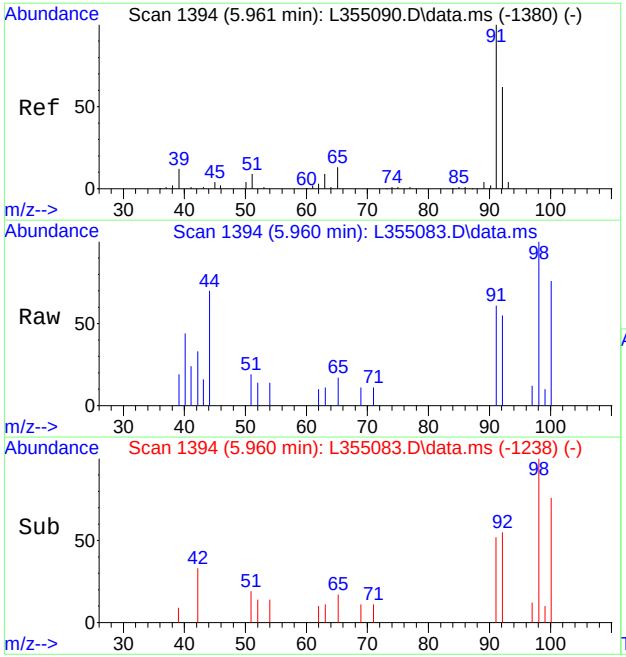


#68
cis-1,3-dichloropropene
Concen: 0.23 ug/L
RT: 5.688 min Scan# 1309
Delta R.T. 0.006 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 75 Resp: 1498

Ion	Ratio	Lower	Upper
75	100		
77	44.1	4.0	64.0
39	81.8	25.8	85.8

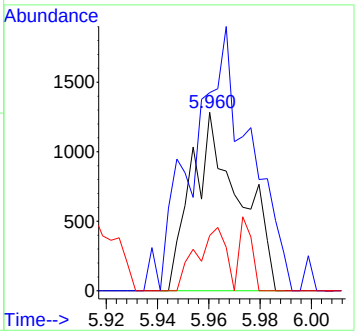


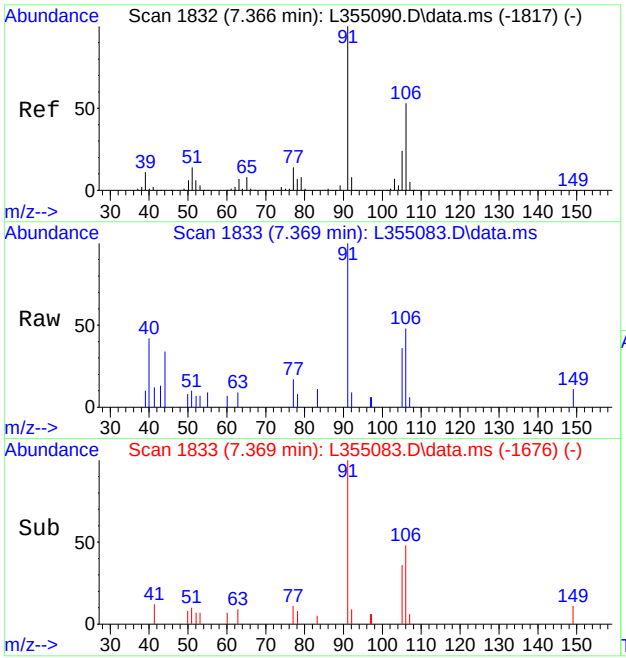


#74
toluene
Concen: 0.21 ug/L
RT: 5.960 min Scan# 1394
Delta R.T. -0.000 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion: 92 Resp: 1676

Ion	Ratio	Lower	Upper
92	100		
91	111.0	130.7	190.7#
65	30.9	0.0	51.2

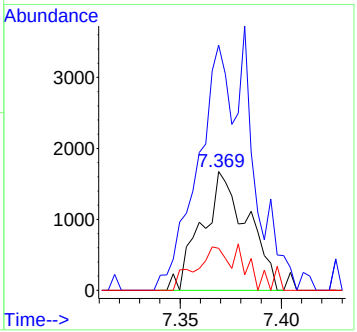


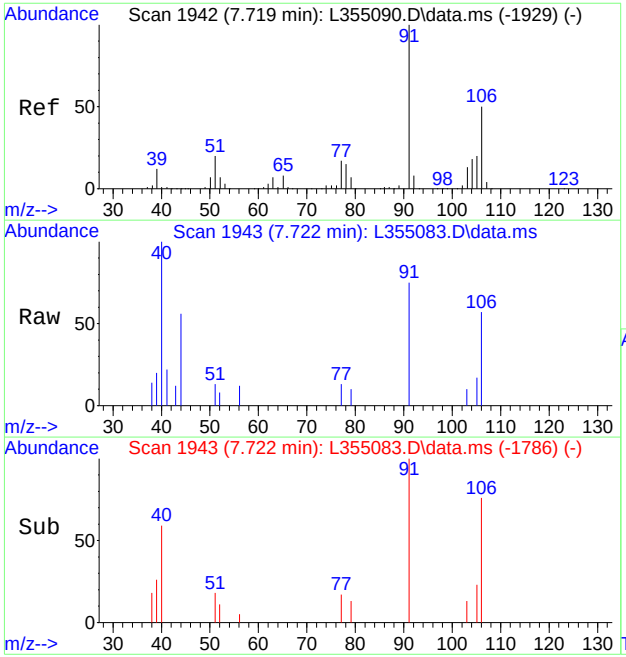


#88
m,p-xylene
Concen: 0.48 ug/L
RT: 7.369 min Scan# 1833
Delta R.T. 0.003 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:106 Resp: 2618

Ion	Ratio	Lower	Upper
106	100		
91	193.4	158.2	218.2
77	35.4	6.9	46.9

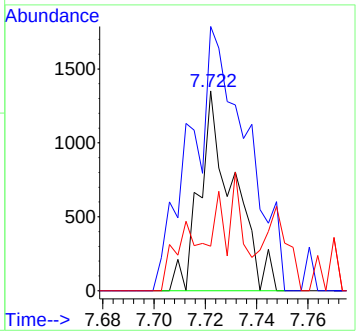


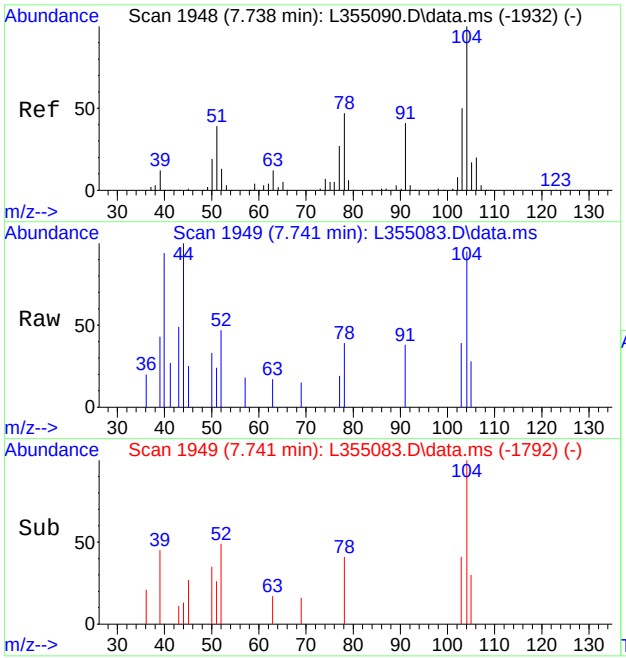


#89
o-xylene
Concen: 0.22 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:106 Resp: 1234

Ion	Ratio	Lower	Upper
106	100		
91	132.2	170.0	230.0#
77	22.3	14.0	54.0

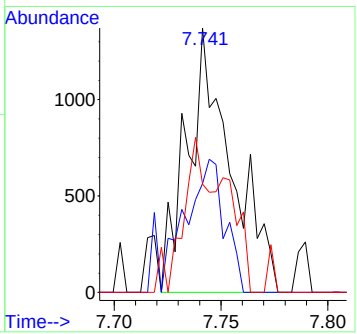


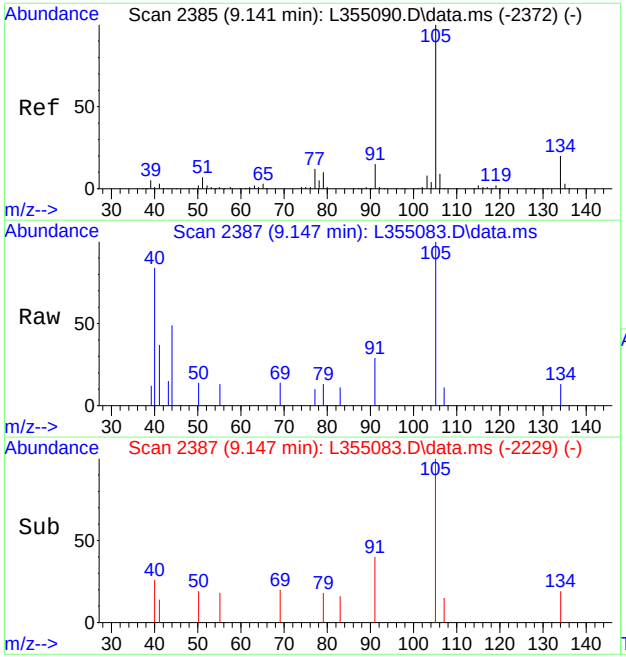


#91
styrene
Concen: 0.22 ug/L
RT: 7.741 min Scan# 1949
Delta R.T. 0.003 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:104 Resp: 1968

Ion	Ratio	Lower	Upper
104	100		
78	41.2	17.3	77.3
103	41.0	19.8	79.8

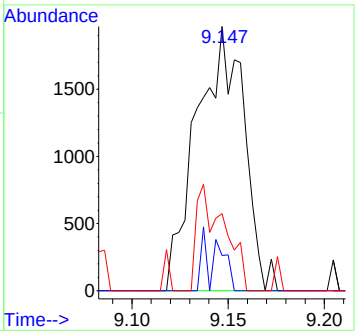


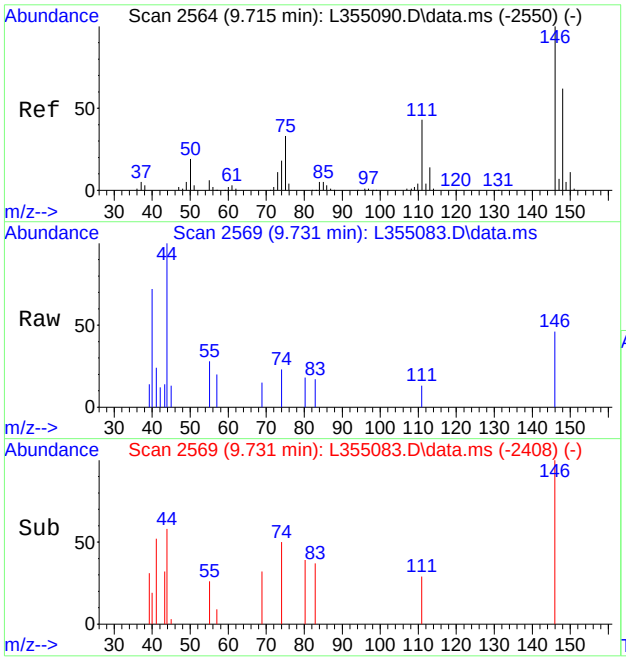


#107
sec-butylbenzene
Concen: 0.23 ug/L
RT: 9.147 min Scan# 2387
Delta R.T. 0.006 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:105 Resp: 3358

Ion	Ratio	Lower	Upper
105	100		
134	13.4	0.0	50.4
91	29.2	0.0	45.4

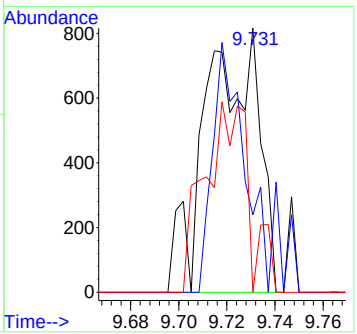


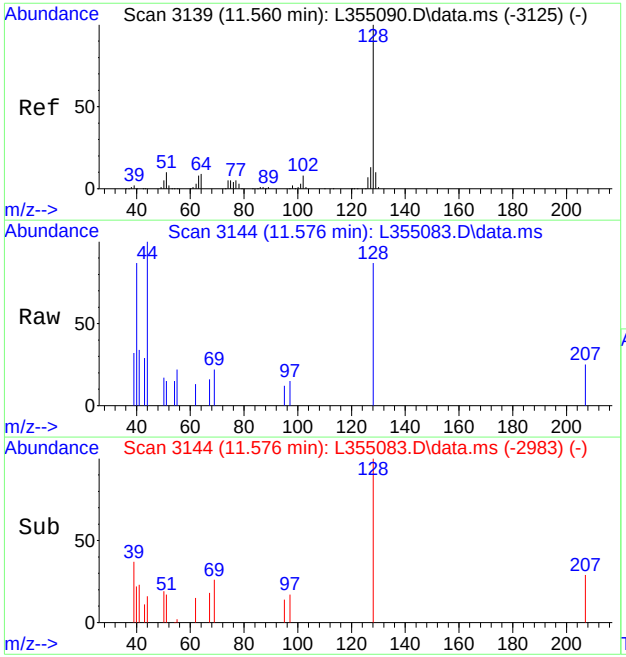


#112
1,2-dichlorobenzene
Concen: 0.23 ug/L
RT: 9.731 min Scan# 2569
Delta R.T. 0.016 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:146 Resp: 1249

Ion	Ratio	Lower	Upper
146	100		
111	29.3	13.0	73.0
148	0.0	32.1	92.1#

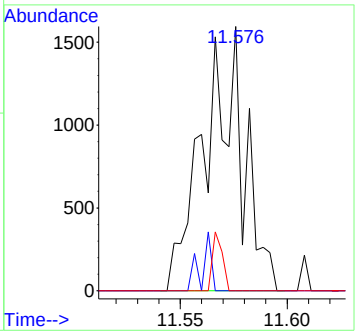




#118
naphthalene
Concen: 0.21 ug/L
RT: 11.576 min Scan# 3144
Delta R.T. 0.016 min
Lab File: L355083.D
Acq: 29 Apr 2023 6:12 pm

Tgt Ion:128 Resp: 2013

Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	40.2
127	0.0	0.0	43.0



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/02/23 09:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355084.D
Acq On : 29 Apr 2023 6:35 pm
Operator : PrashanS
Sample : IC10779-0.5
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 12:20:37 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:14:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.996	65	180647	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	309715	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.767	114	427037	50.00	ug/L	0.00
72) chlorobenzene-d5	7.154	117	351860	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.343	152	149066	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	309715	50.00	ug/L	0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	149066	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.212	113	125081	48.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.40%			
52) 1,2-dichloroethane-d4 (s)	4.462	65	156330	51.51	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 103.02%			
73) toluene-d8 (s)	5.906	98	489254	52.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.78%			
96) 4-bromofluorobenzene (s)	8.229	95	171059	49.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.18%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.613	51	4692	0.57	ug/L #	53
7) dichlorodifluoromethane	1.593	85	2743	0.43	ug/L	64
8) chloromethane	1.750	50	3298	0.48	ug/L	72
9) vinyl chloride	1.834	62	2490	0.46	ug/L	70
10) 1,3-butadiene	1.866	54	3439	0.63	ug/L	84
11) bromomethane	2.081	96	1222	0.60	ug/L #	59
12) chloroethane	2.158	64	1604	0.62	ug/L #	49
13) trichlorofluoromethane	2.341	101	2462	0.43	ug/L	96
14) ethyl ether	2.524	74	1098	0.44	ug/L	94
16) freon 113	2.691	151	1805m	0.61	ug/L	
17) 1,1-dichloroethene	2.697	96	1525	0.54	ug/L #	63
22) carbon disulfide	2.864	76	7437	0.66	ug/L	91
23) methylene chloride	3.028	84	2229	0.67	ug/L #	50
25) methyl tert butyl ether	3.185	73	6022	0.53	ug/L	81
26) trans-1,2-dichloroethene	3.204	96	1849	0.55	ug/L	97
27) hexane	3.377	57	4742	0.59	ug/L	88
28) di-isopropyl ether	3.487	45	9651	0.62	ug/L	75
29) ethyl tert-butyl ether	3.737	59	7864	0.58	ug/L	97
30) 2-butanone	3.862	72	1066	1.76	ug/L #	71
31) 1,1-dichloroethane	3.496	63	4166	0.61	ug/L	95
32) chloroprene	3.547	53	4350	0.61	ug/L	84
36) 2,2-dichloropropane	3.888	77	3258	0.67	ug/L	98
37) cis-1,2-dichloroethene	3.878	96	1977	0.59	ug/L #	60
38) propionitrile	3.910	54	4619	6.45	ug/L	93
40) bromochloromethane	4.051	128	962	0.64	ug/L #	64
45) 1,1,1-trichloroethane	4.241	97	2421	0.50	ug/L #	55
46) cyclohexane	4.295	84	2818	0.55	ug/L	96
47) 1,1-dichloropropene	4.356	75	2751m	0.63	ug/L	
48) carbon tetrachloride	4.350	117	2217	0.55	ug/L #	59
53) tert-amyl methyl ether	4.552	73	6264	0.67	ug/L	88
54) 2,2,4-trimethylpentane	4.552	57	8644	0.72	ug/L	84
56) benzene	4.497	78	7446	0.62	ug/L	91
58) 1,2-dichloroethane	4.517	62	3138	0.73	ug/L	85
59) trichloroethene	4.963	95	2111	0.64	ug/L	81
62) 2-chloroethyl vinyl ether	5.547	63	3955	2.25	ug/L	89
64) 1,2-dichloropropane	5.152	63	2593	0.67	ug/L	85
65) methylcyclohexane	5.142	83	3463	0.58	ug/L	81
66) dibromomethane	5.232	93	1293	0.70	ug/L #	76

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355084.D
Acq On : 29 Apr 2023 6:35 pm
Operator : PrashanS
Sample : IC10779-0.5
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 12:20:37 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:14:16 2023
Response via : Initial Calibration

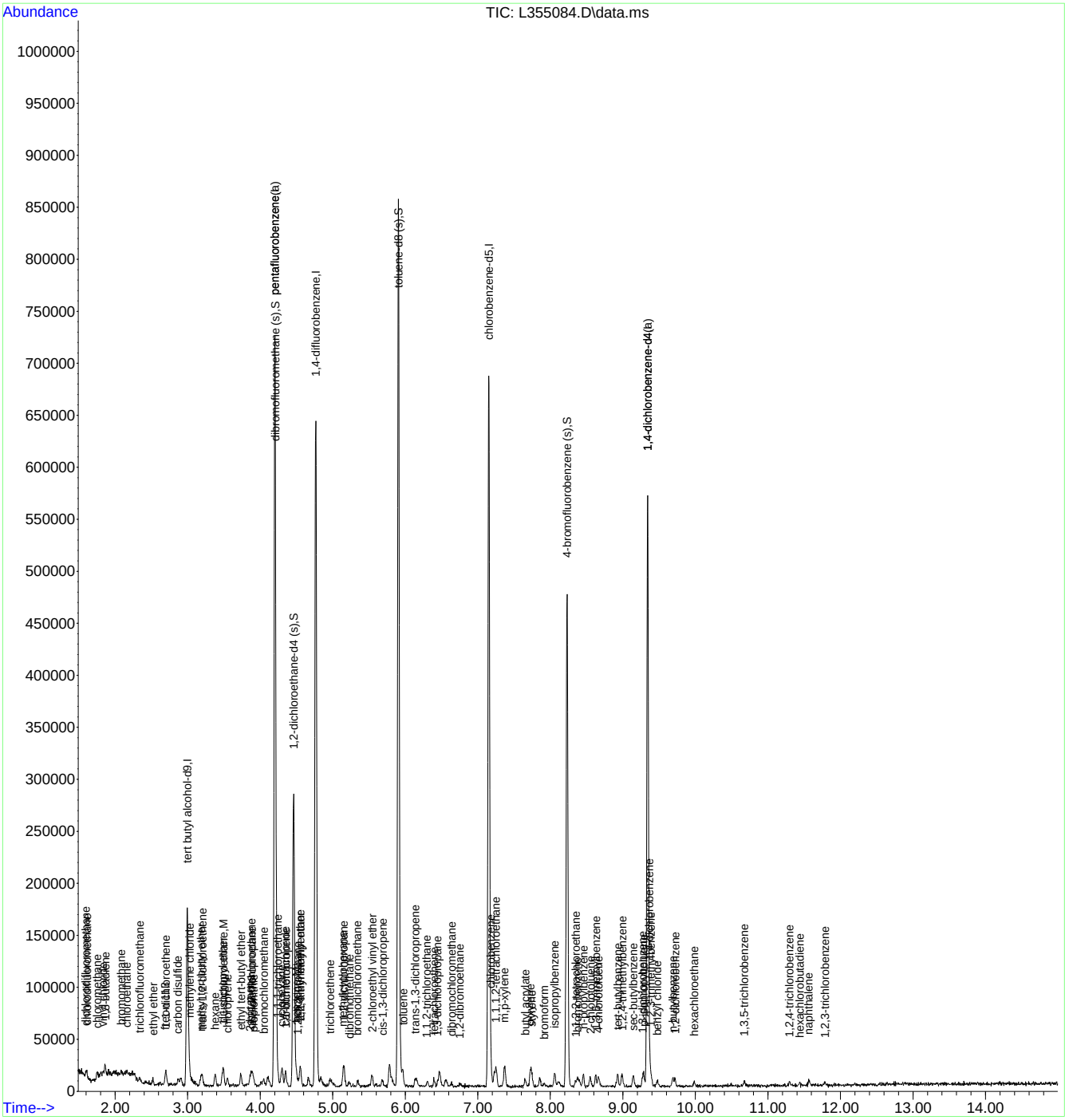
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) bromodichloromethane	5.338	83	3088	0.68	ug/L		82
68) cis-1,3-dichloropropene	5.691	75	3442	0.53	ug/L		67
74) toluene	5.970	92	4311	0.59	ug/L		82
75) trans-1,3-dichloropropene	6.137	75	3599	0.73	ug/L		78
77) 1,1,2-trichloroethane	6.294	83	1540	0.64	ug/L	#	69
79) tetrachloroethene	6.397	166	1511m	0.50	ug/L		
80) 1,3-dichloropropane	6.442	76	2908	0.62	ug/L		75
82) dibromochloromethane	6.641	129	2012	0.69	ug/L		80
83) 1,2-dibromoethane	6.750	107	1769m	0.60	ug/L		
85) chlorobenzene	7.180	112	4602	0.61	ug/L		84
86) 1,1,1,2-tetrachloroethane	7.247	131	1755	0.73	ug/L		82
88) m,p-xylene	7.363	106	6888	1.28	ug/L	#	77
89) o-xylene	7.725	106	3627	0.69	ug/L		82
90) butyl acrylate	7.655	55	5605	0.63	ug/L		82
91) styrene	7.742	104	5162	0.62	ug/L		86
92) bromoform	7.915	173	1148	0.53	ug/L		61
93) isopropylbenzene	8.056	105	8351	0.66	ug/L		94
97) bromobenzene	8.374	156	1649	0.53	ug/L		97
98) 1,1,2,2-tetrachloroethane	8.354	83	2568	0.59	ug/L		87
101) n-propylbenzene	8.457	91	9309	0.62	ug/L		97
102) 2-chlorotoluene	8.557	126	1773m	0.60	ug/L		
103) 4-chlorotoluene	8.666	126	1716	0.62	ug/L	#	53
104) 1,3,5-trimethylbenzene	8.630	105	6669	0.63	ug/L		83
105) tert-butylbenzene	8.929	119	5524	0.62	ug/L		87
106) 1,2,4-trimethylbenzene	8.990	105	6625	0.63	ug/L		92
107) sec-butylbenzene	9.144	105	7272	0.51	ug/L		88
108) 1,3-dichlorobenzene	9.272	146	2709	0.50	ug/L		91
109) p-isopropyltoluene	9.288	119	6148	0.61	ug/L		92
110) 1,4-dichlorobenzene	9.365	146	3077	0.65	ug/L		72
111) 1,2,3-trimethylbenzene	9.384	105	6101	0.64	ug/L		80
112) 1,2-dichlorobenzene	9.721	146	2541	0.48	ug/L		96
113) n-butylbenzene	9.693	92	3009	0.56	ug/L	#	65
115) 1,3,5-trichlorobenzene	10.671	180	1596	0.45	ug/L	#	54
116) 1,2,4-trichlorobenzene	11.297	180	1408	0.47	ug/L	#	48
117) hexachlorobutadiene	11.438	225	676	0.52	ug/L		86
118) naphthalene	11.560	128	3545	0.40	ug/L		81
119) 1,2,3-trichlorobenzene	11.788	180	1195	0.46	ug/L	#	77
120) hexachloroethane	9.985	119	1005	0.49	ug/L		76
121) benzyl chloride	9.471	91	4706m	0.61	ug/L		

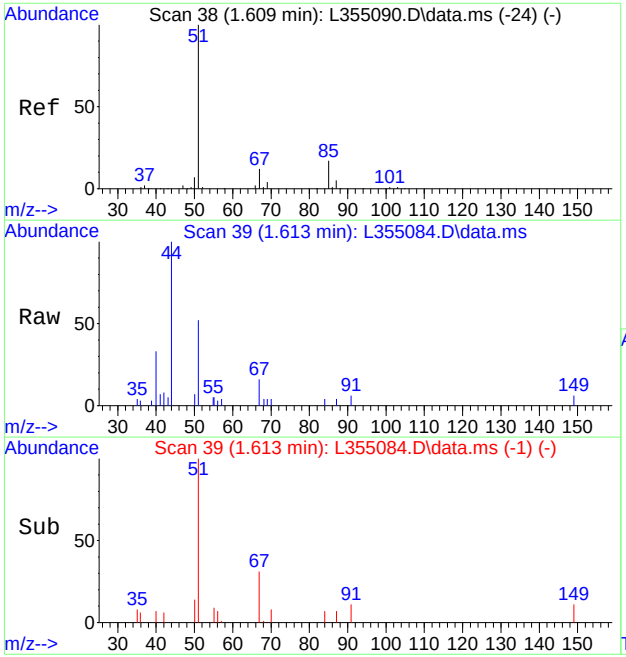
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355084.D
Acq On : 29 Apr 2023 6:35 pm
Operator : PrashanS
Sample : IC10779-0.5
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 12:20:37 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:14:16 2023
Response via : Initial Calibration

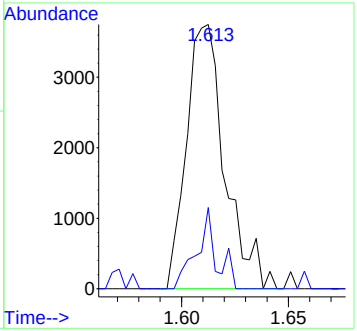


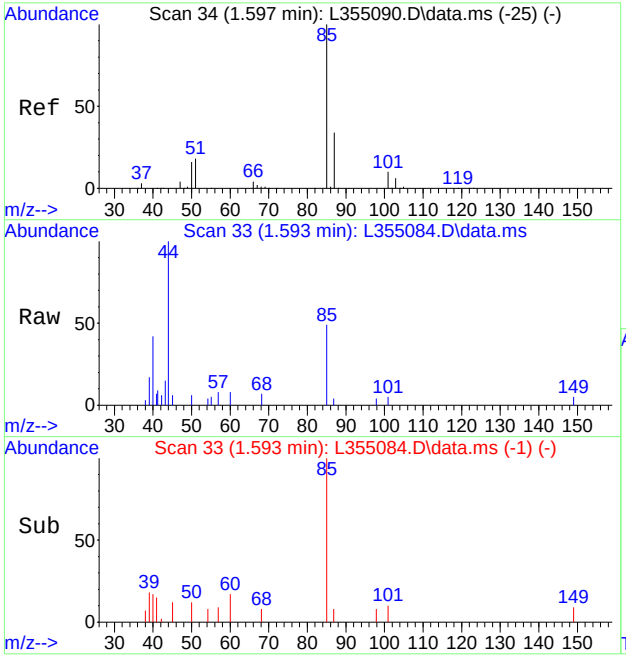


#6
chlorodifluoromethane
Concen: 0.57 ug/L
RT: 1.613 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 51 Resp: 4692

Ion	Ratio	Lower	Upper
51	100		
67	30.7	12.4	12.4#

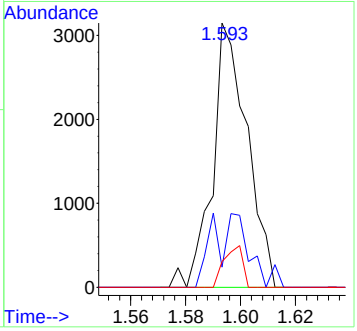


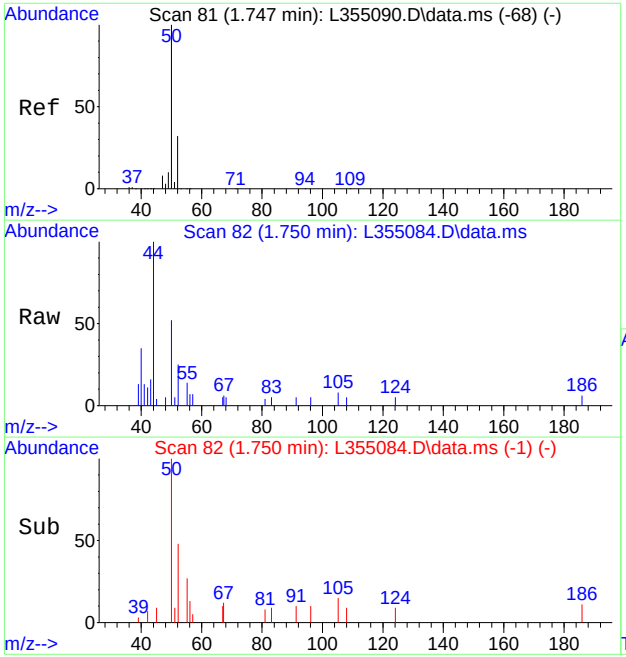


#7
dichlorodifluoromethane
Concen: 0.43 ug/L
RT: 1.593 min Scan# 33
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 85 Resp: 2743

Ion	Ratio	Lower	Upper
85	100		
87	7.7	3.9	63.9
101	9.8	0.0	39.7

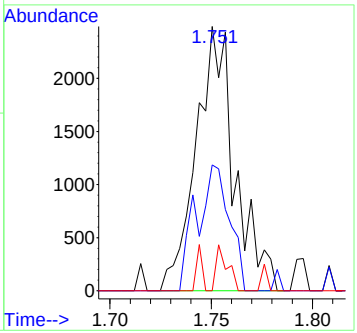


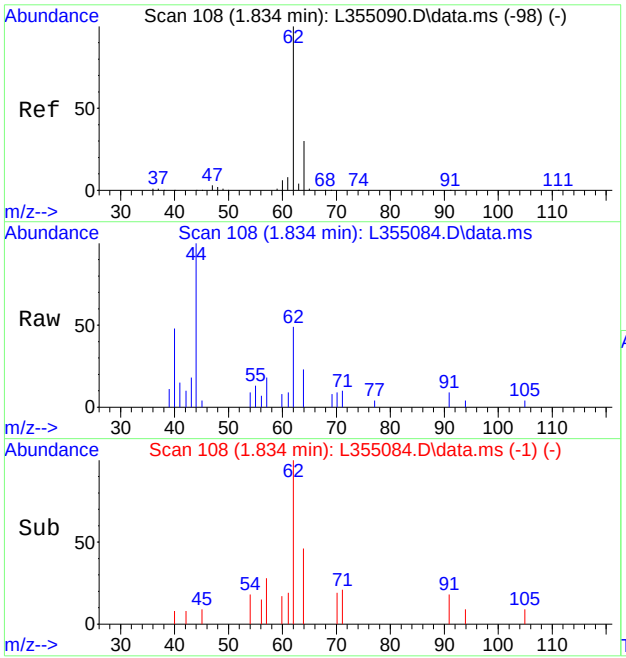


#8
chloromethane
Concen: 0.48 ug/L
RT: 1.750 min Scan# 82
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 50 Resp: 3298

Ion	Ratio	Lower	Upper
50	100		
52	47.6	1.7	61.7
49	0.0	0.0	40.1

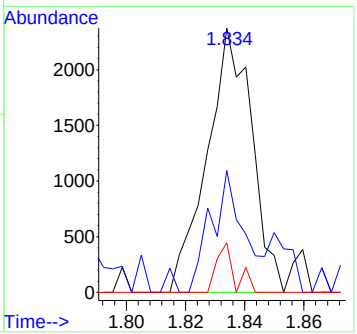


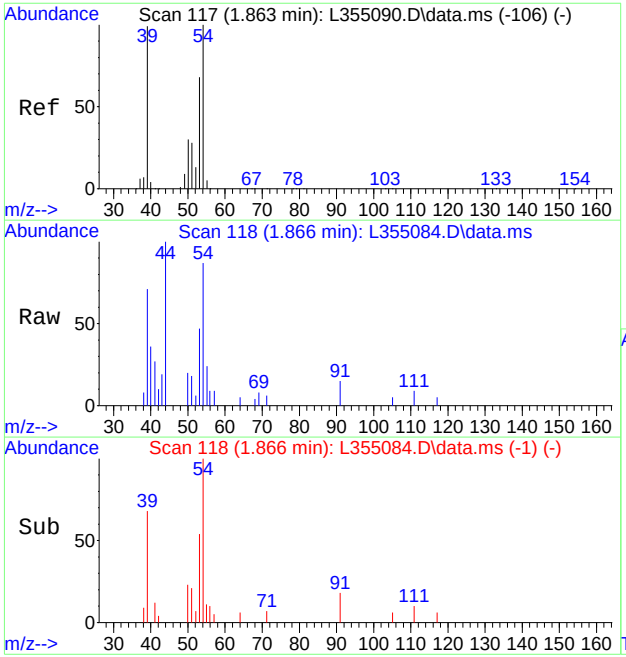


#9
vinyl chloride
Concen: 0.46 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 62 Resp: 2490

Ion	Ratio	Lower	Upper
62	100		
64	46.1	0.0	60.0
61	18.8	0.0	37.5

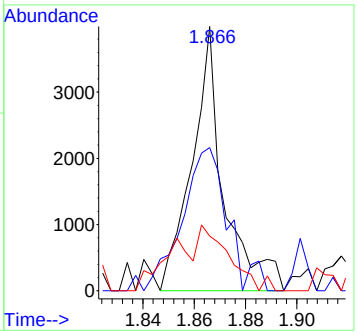


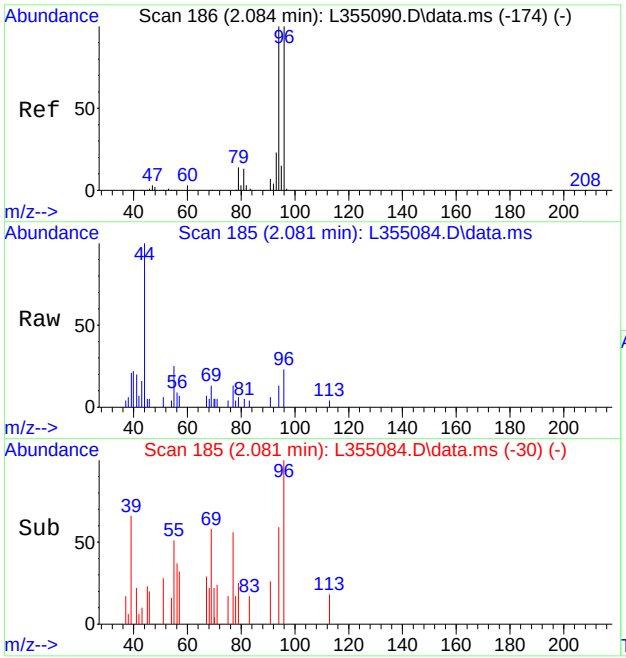


#10
1,3-butadiene
Concen: 0.63 ug/L
RT: 1.866 min Scan# 118
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 54 Resp: 3439

Ion	Ratio	Lower	Upper
54	100		
53	54.2	38.4	98.4
51	20.7	0.0	57.9

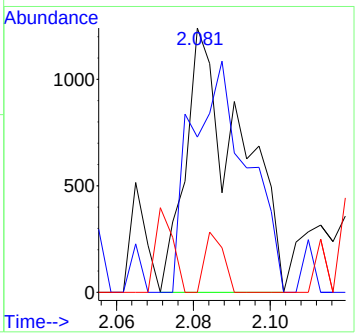


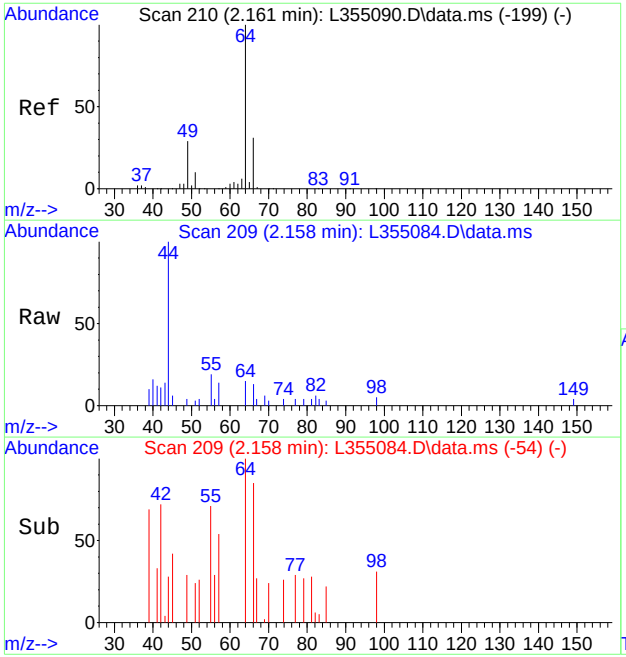


#11
bromomethane
Concen: 0.60 ug/L
RT: 2.081 min Scan# 185
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 96 Resp: 1222

Ion	Ratio	Lower	Upper
96	100		
94	58.7	70.4	130.4#
95	0.0	0.0	44.4

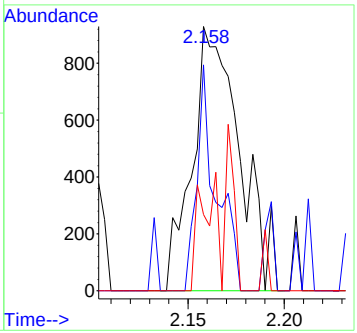


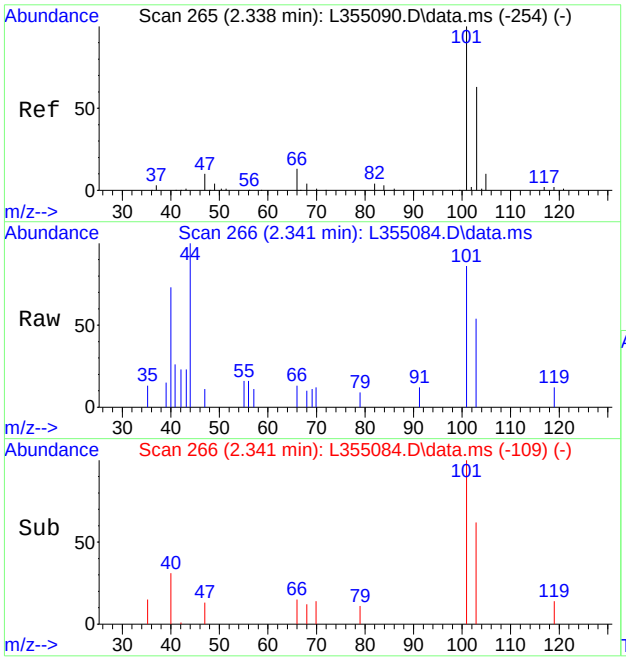


#12
chloroethane
Concen: 0.62 ug/L
RT: 2.158 min Scan# 209
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 64 Resp: 1604

Ion	Ratio	Lower	Upper
64	100		
66	85.5	1.3	61.3#
49	28.8	0.0	58.9

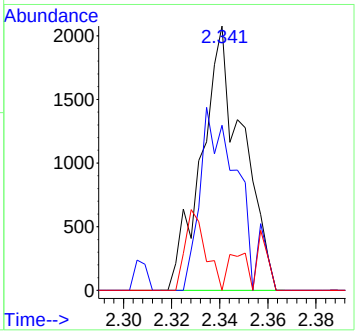


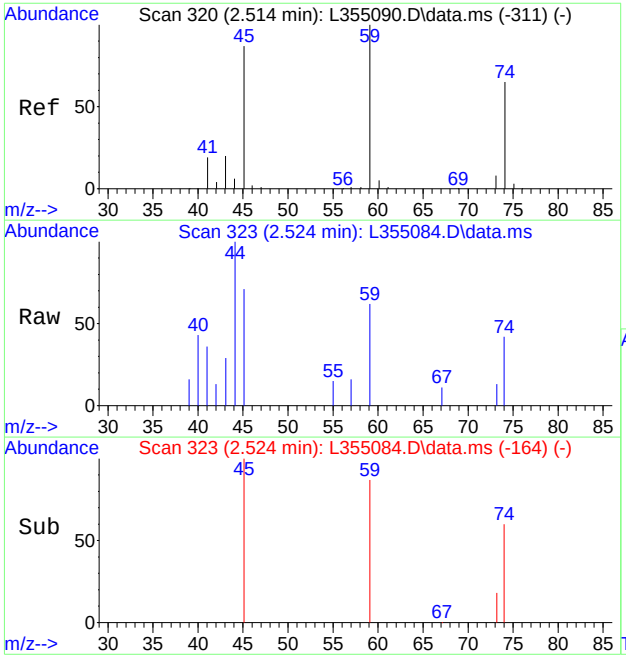


#13
trichlorofluoromethane
Concen: 0.43 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:101 Resp: 2462

Ion	Ratio	Lower	Upper
101	100		
103	62.4	32.9	92.9
105	0.0	0.0	40.4

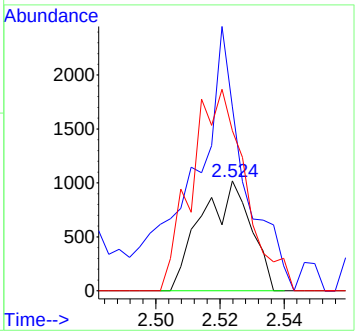


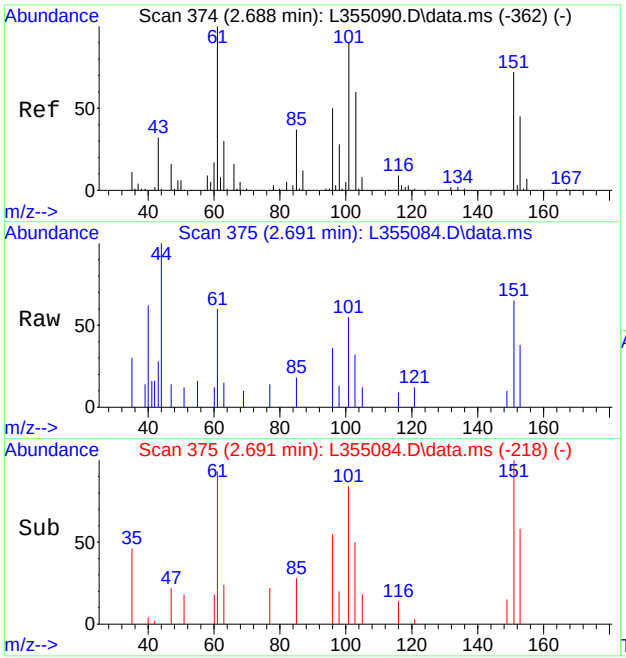


#14
ethyl ether
Concen: 0.44 ug/L
RT: 2.524 min Scan# 323
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 74 Resp: 1098

Ion	Ratio	Lower	Upper
74	100		
45	144.8	108.0	168.0
59	145.8	124.3	184.3

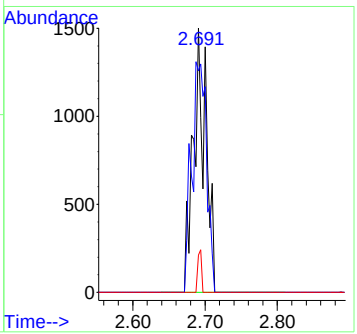


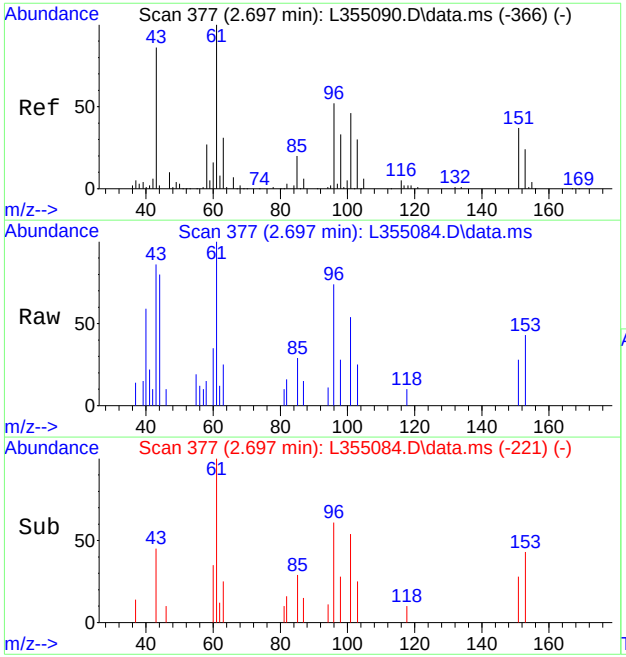


#16
freon 113
Concen: 0.61 ug/L m
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:151 Resp: 1805

Ion	Ratio	Lower	Upper
151	100		
101	83.8	105.0	145.0#
116	14.1	0.0	31.9

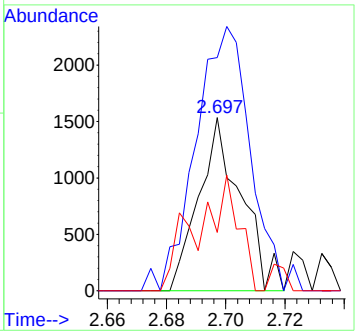


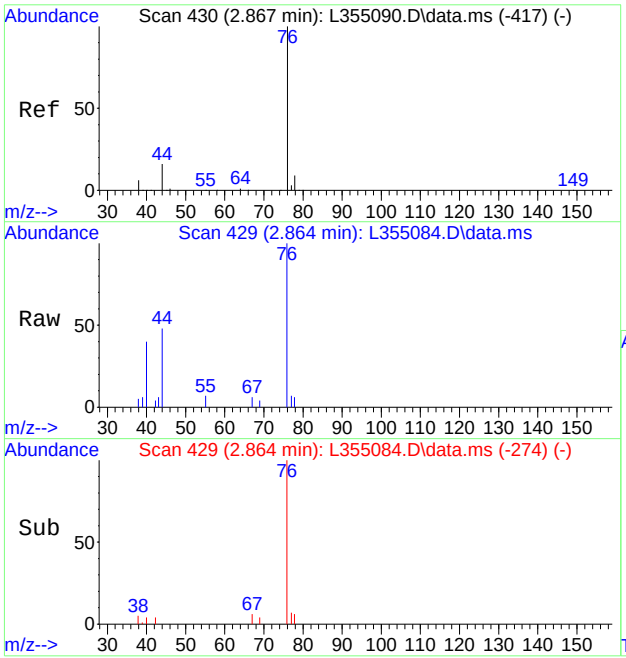


#17
1,1-dichloroethene
Concen: 0.54 ug/L
RT: 2.697 min Scan# 377
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 96 Resp: 1525

Ion	Ratio	Lower	Upper
96	100		
61	134.6	160.9	220.9#
63	33.7	29.9	89.9

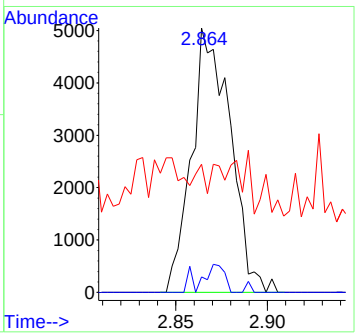


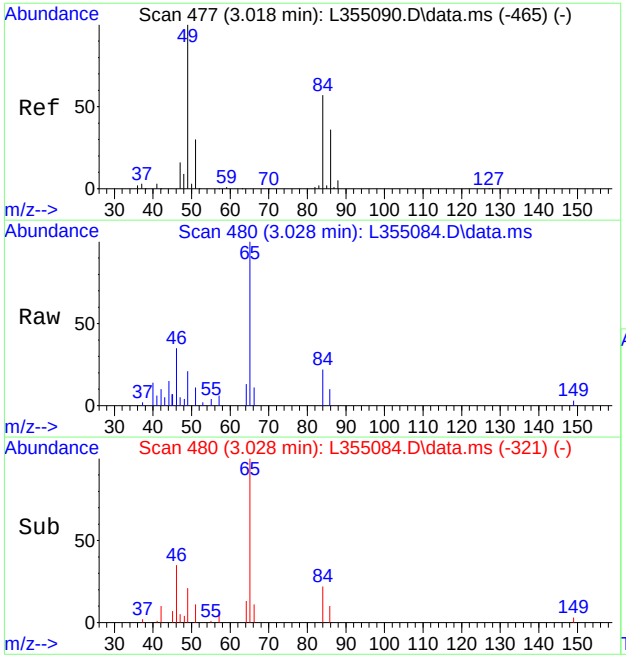


#22
carbon disulfide
Concen: 0.66 ug/L
RT: 2.864 min Scan# 429
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 76 Resp: 7437

Ion	Ratio	Lower	Upper
76	100		
78	5.9	0.0	39.1
44	19.5	0.0	45.8

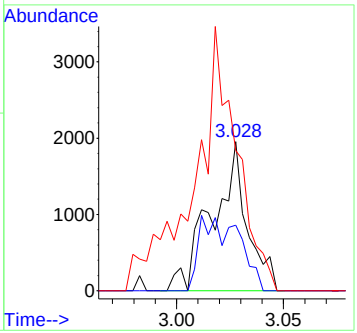


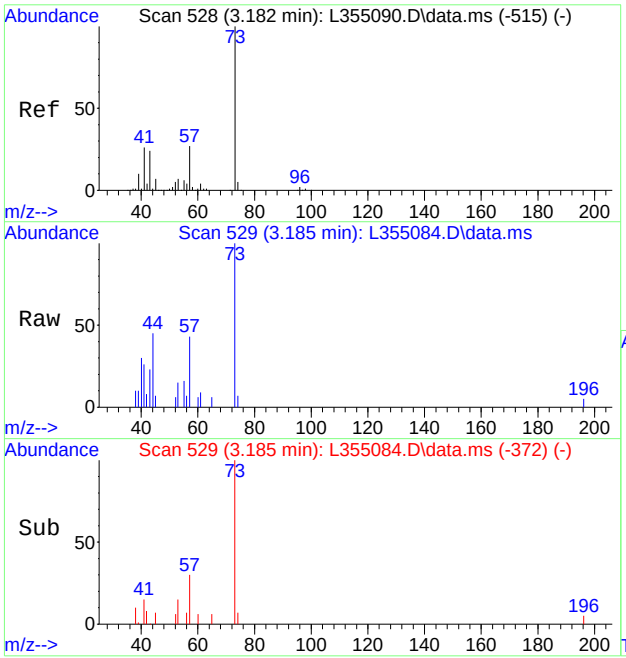


#23
methylene chloride
Concen: 0.67 ug/L
RT: 3.028 min Scan# 480
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 84 Resp: 2229

Ion	Ratio	Lower	Upper
84	100		
86	44.0	33.9	93.9
49	94.1	146.7	206.7#

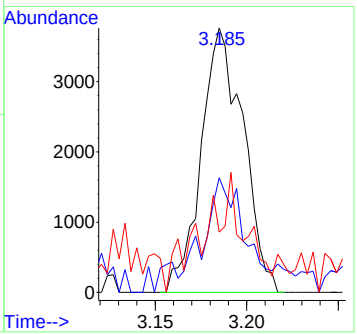


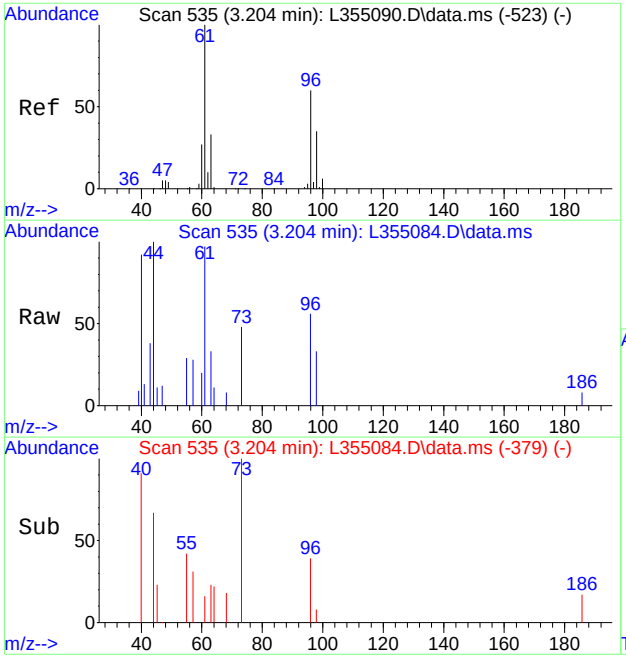


#25
methyl tert butyl ether
Concen: 0.53 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 73 Resp: 6022

Ion	Ratio	Lower	Upper
73	100		
57	34.7	0.0	57.4
43	12.2	0.0	54.2

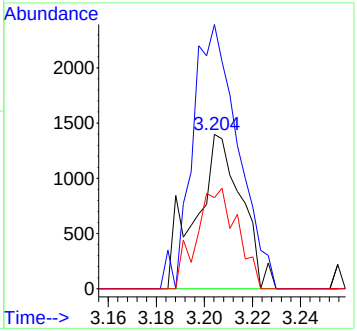


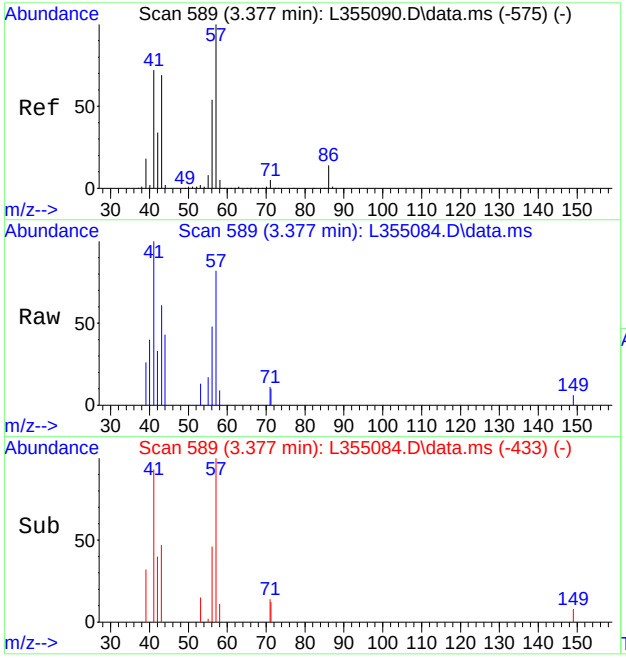


#26
trans-1,2-dichloroethene
Concen: 0.55 ug/L
RT: 3.204 min Scan# 535
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 96 Resp: 1849

Ion	Ratio	Lower	Upper
96	100		
61	171.2	136.4	196.4
98	59.0	28.2	88.2

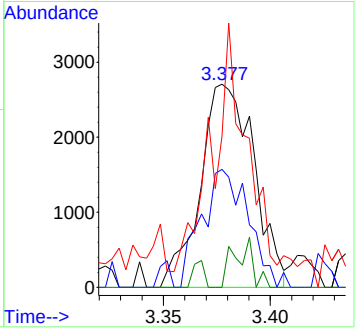


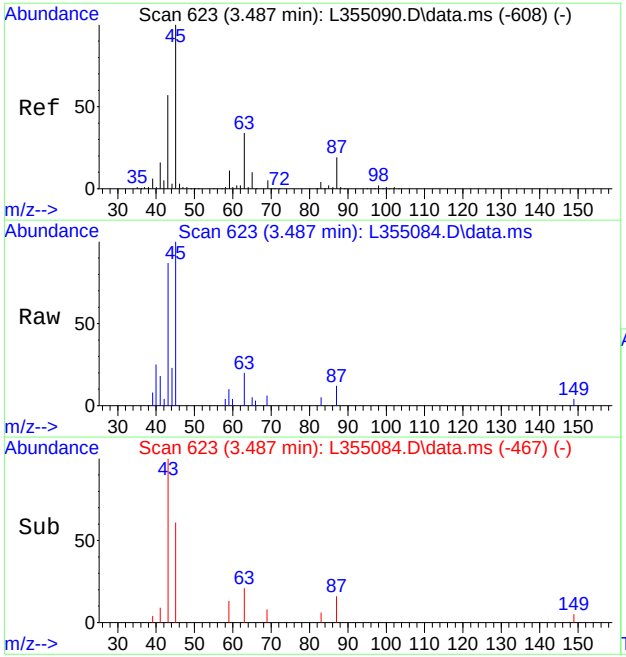


#27
hexane
Concen: 0.59 ug/L
RT: 3.377 min Scan# 589
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 57 Resp: 4742

Ion	Ratio	Lower	Upper
57	100		
56	50.7	33.8	73.8
43	58.8	49.1	89.1
86	0.0	0.0	34.3

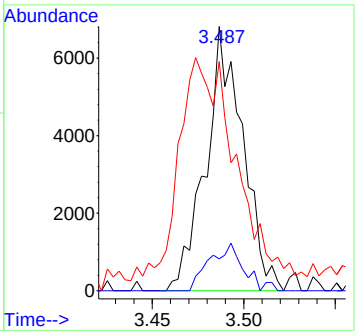


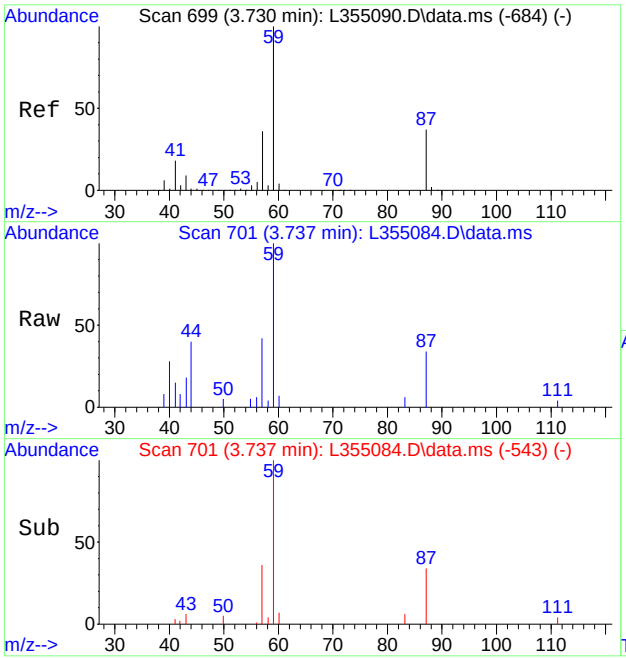


#28
di-isopropyl ether
Concen: 0.62 ug/L
RT: 3.487 min Scan# 623
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 45 Resp: 9651

Ion	Ratio	Lower	Upper
45	100		
87	12.1	0.0	49.3
43	78.3	27.4	87.4

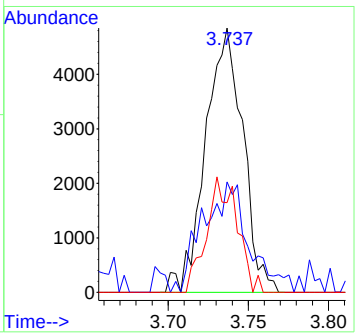


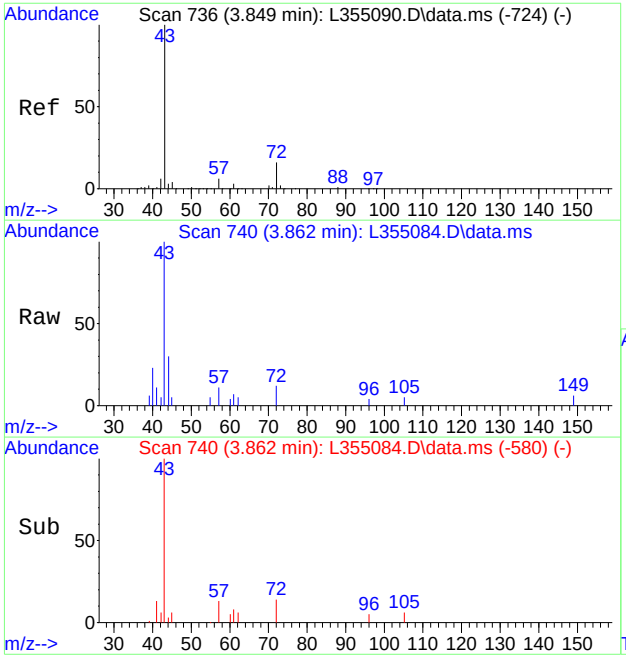


#29
ethyl tert-butyl ether
Concen: 0.58 ug/L
RT: 3.737 min Scan# 701
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 59 Resp: 7864

Ion	Ratio	Lower	Upper
59	100		
57	36.2	5.9	65.9
87	33.9	6.7	66.7

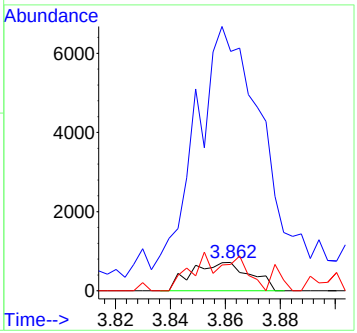


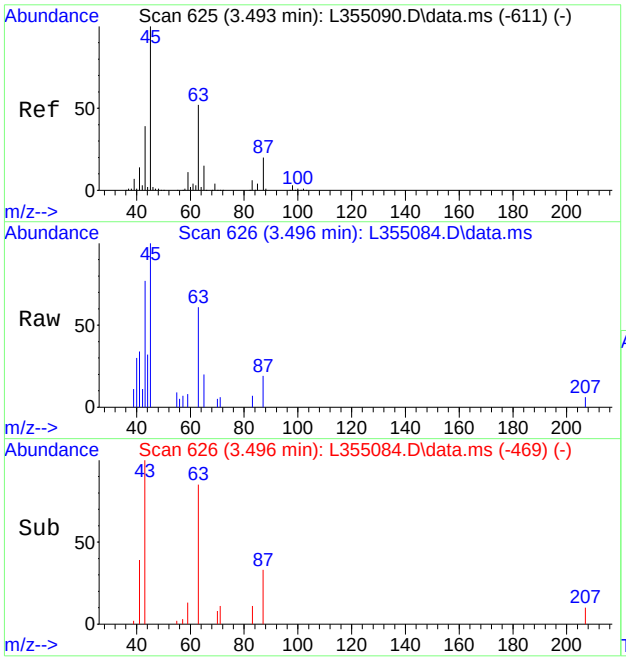


#30
2-butanone
Concen: 1.76 ug/L
RT: 3.862 min Scan# 740
Delta R.T. 0.013 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 72 Resp: 1066

Ion	Ratio	Lower	Upper
72	100		
43	717.0	604.7	664.7#
57	93.0	10.0	70.0#

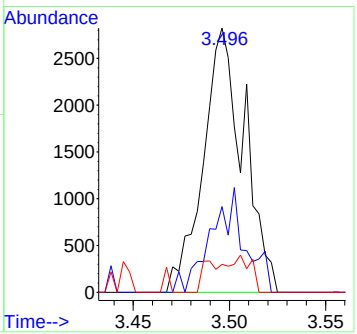


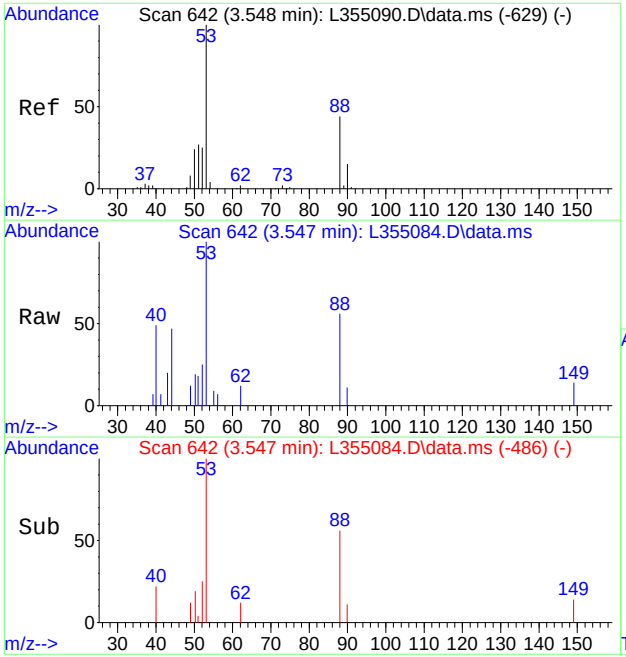


#31
1,1-dichloroethane
Concen: 0.61 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 63 Resp: 4166

Ion	Ratio	Lower	Upper
63	100		
65	32.4	0.0	59.0
83	10.7	0.0	41.4

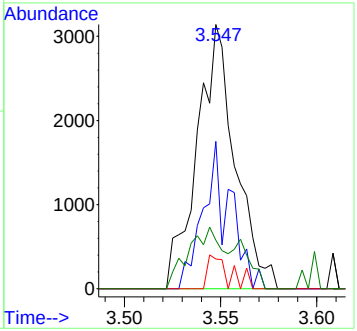


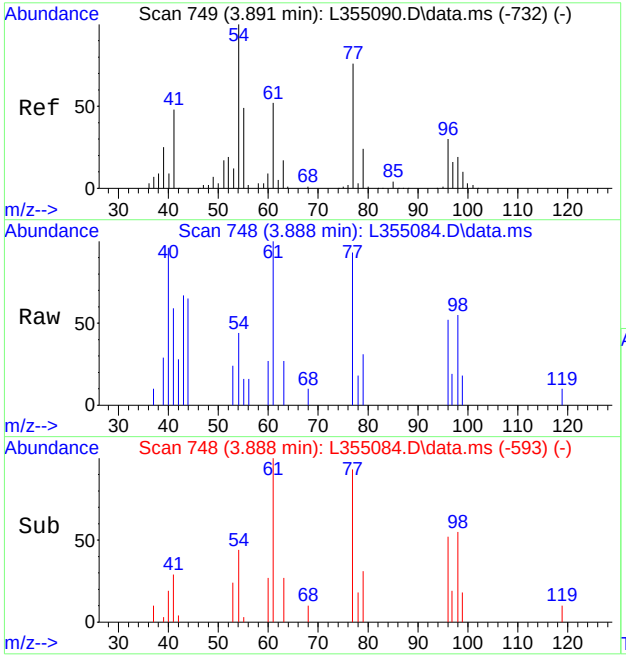


#32
chloroprene
Concen: 0.61 ug/L
RT: 3.547 min Scan# 642
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 53 Resp: 4350

Ion	Ratio	Lower	Upper
53	100		
88	55.8	14.5	74.5
90	11.2	0.0	45.2
51	18.3	0.0	57.4

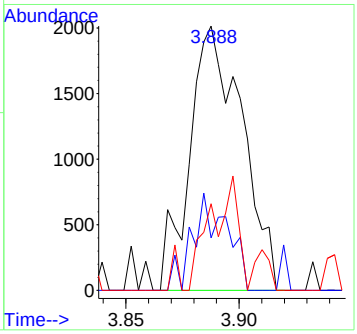


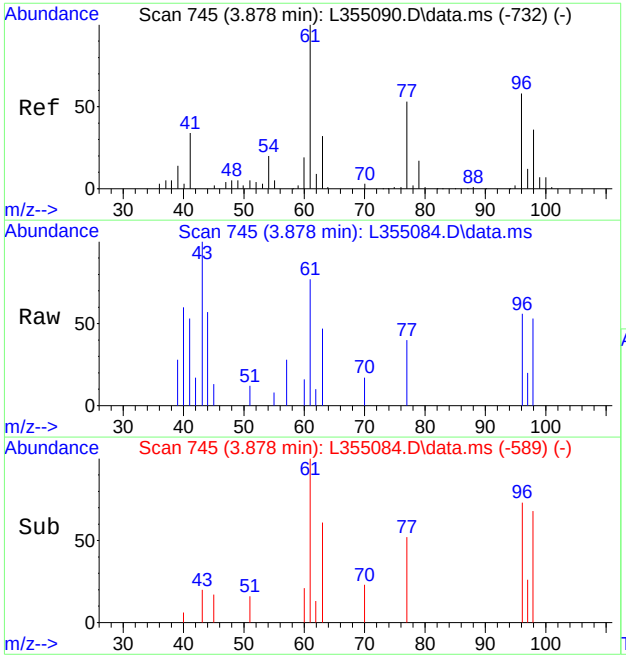


#36
2,2-dichloropropane
Concen: 0.67 ug/L
RT: 3.888 min Scan# 748
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 77 Resp: 3258

Ion	Ratio	Lower	Upper
77	100		
97	19.8	0.0	51.0
79	32.8	1.4	61.4

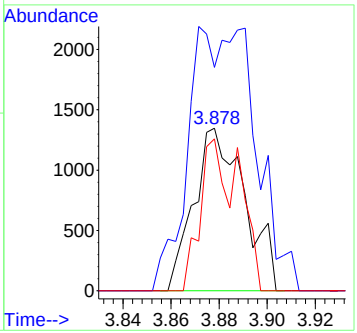


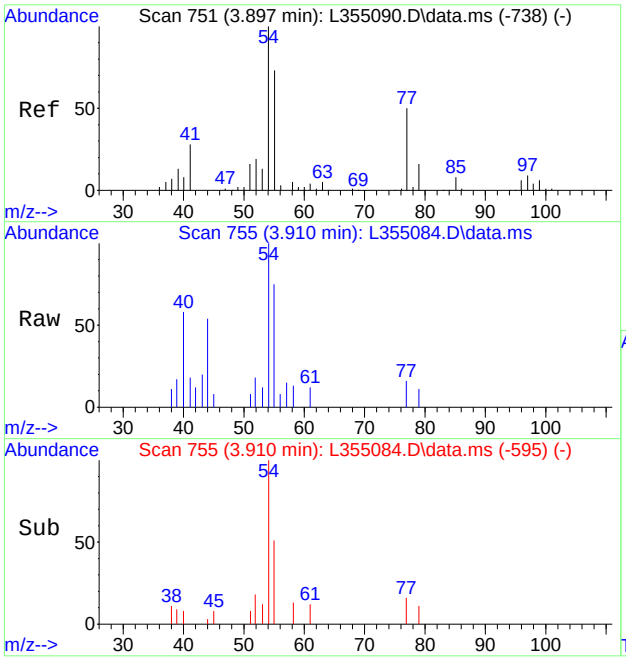


#37
cis-1,2-dichloroethene
Concen: 0.59 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 96 Resp: 1977

Ion	Ratio	Lower	Upper
96	100		
61	117.2	141.8	201.8#
98	93.5	32.2	92.2#

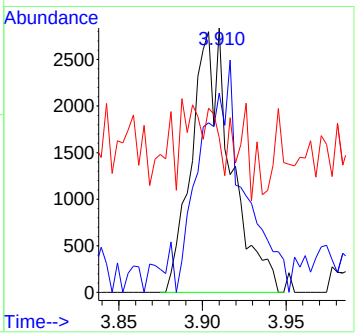


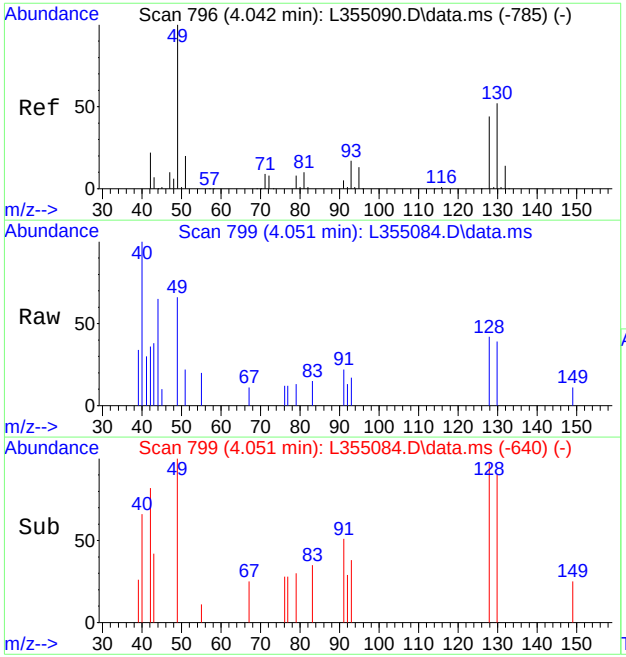


#38
propionitrile
Concen: 6.45 ug/L
RT: 3.910 min Scan# 755
Delta R.T. 0.013 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 54 Resp: 4619

Ion	Ratio	Lower	Upper
54	100		
55	66.6	43.2	103.2
40	9.4	0.0	38.0

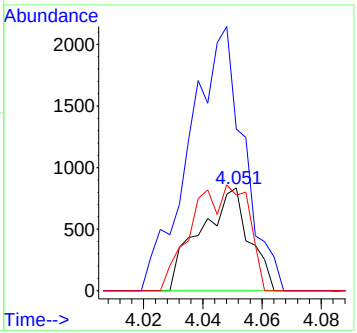


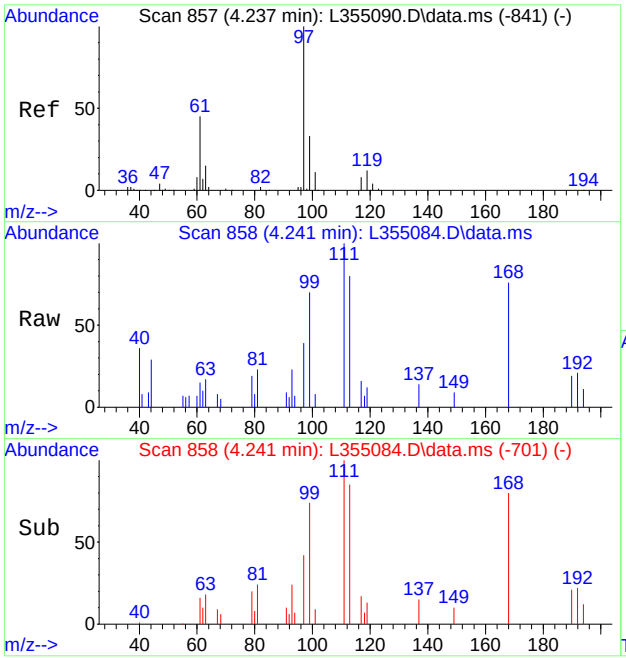


#40
bromochloromethane
Concen: 0.64 ug/L
RT: 4.051 min Scan# 799
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:128 Resp: 962

Ion	Ratio	Lower	Upper
128	100		
49	157.1	196.9	256.9#
130	92.8	87.7	147.7

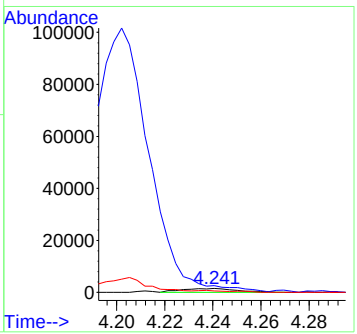


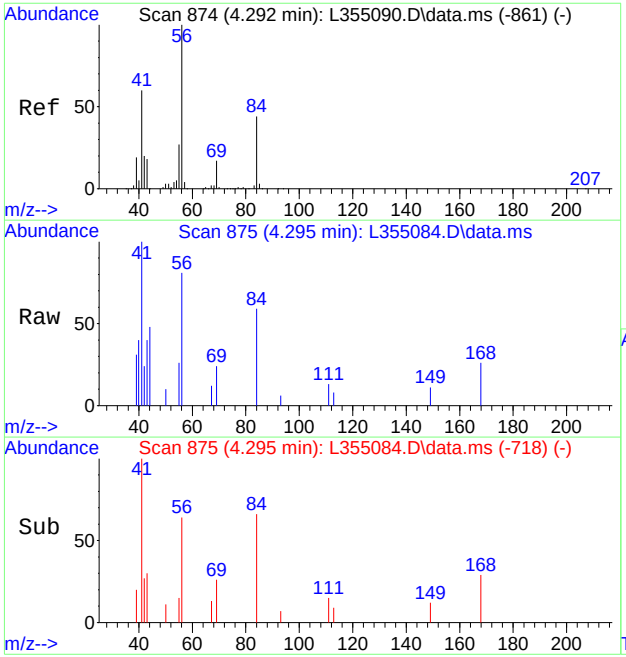


#45
1,1,1-trichloroethane
Concen: 0.50 ug/L
RT: 4.241 min Scan# 858
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 97 Resp: 2421

Ion	Ratio	Lower	Upper
97	100		
99	118.7	33.3	93.3#
61	39.2	14.9	74.9

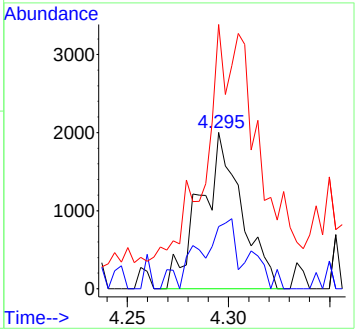


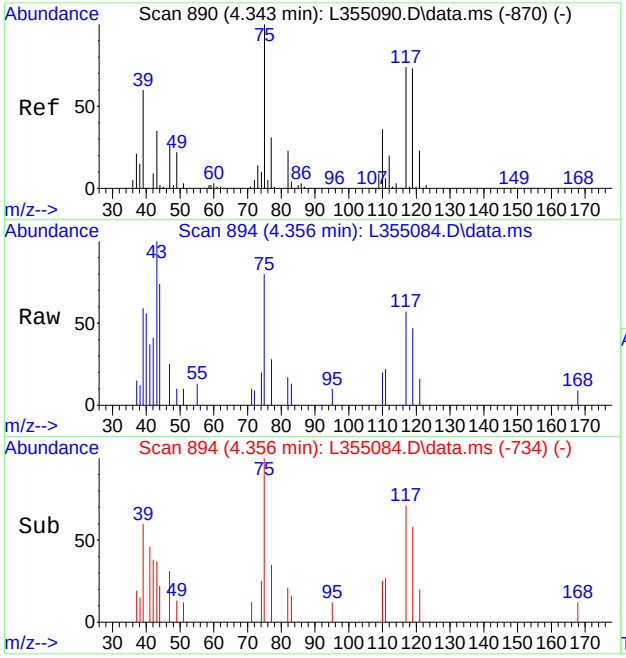


#46
cyclohexane
Concen: 0.55 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 84 Resp: 2818

Ion	Ratio	Lower	Upper
84	100		
69	39.8	17.8	57.8
41	142.3	116.7	156.7

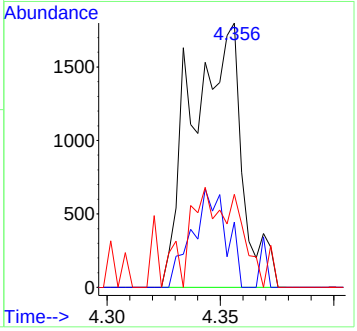


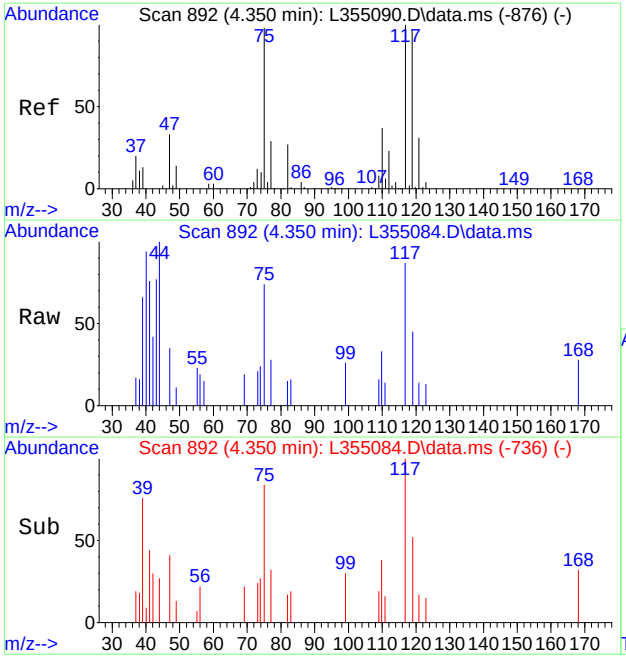


#47
1,1-dichloropropene
Concen: 0.63 ug/L m
RT: 4.356 min Scan# 894
Delta R.T. 0.013 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 75 Resp: 2751

Ion	Ratio	Lower	Upper
75	100		
110	24.7	15.8	55.8
77	35.2	11.6	51.6

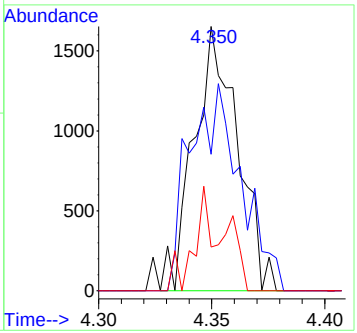


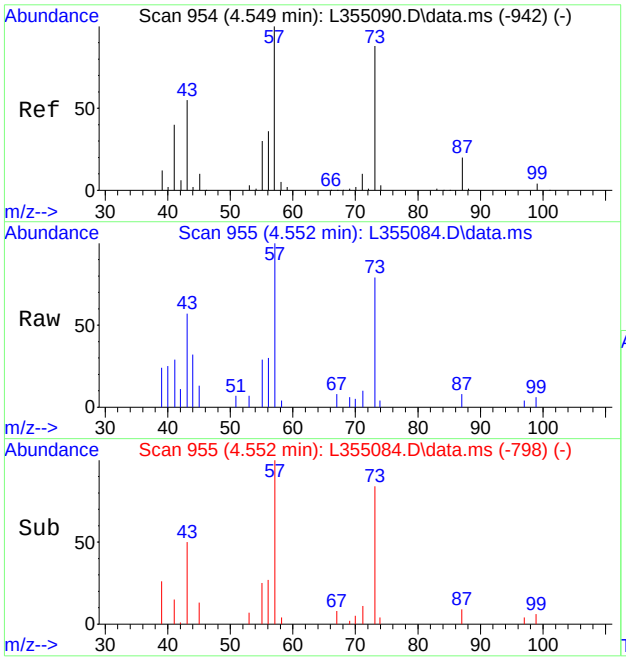


#48
carbon tetrachloride
Concen: 0.55 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:117 Resp: 2217

Ion	Ratio	Lower	Upper
117	100		
119	51.6	77.1	117.1#
121	16.6	11.1	51.1

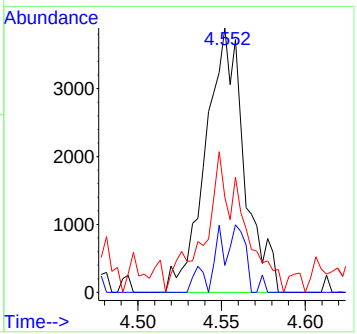


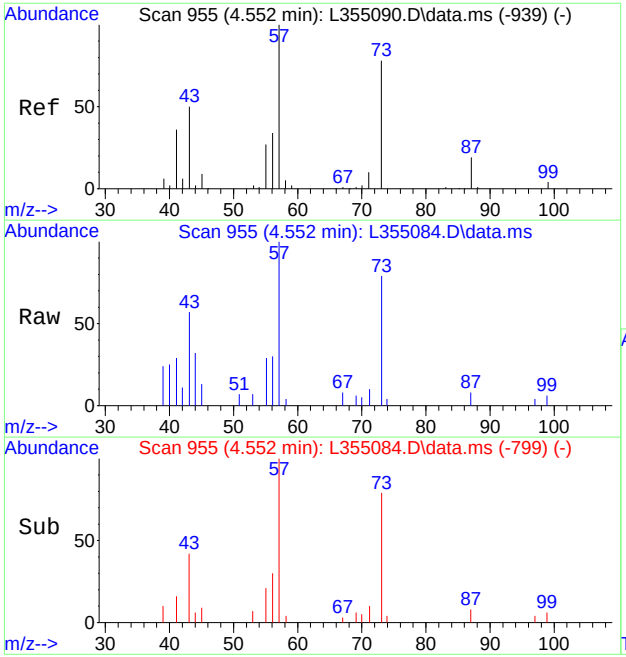


#53
tert-amyl methyl ether
Concen: 0.67 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 73 Resp: 6264

Ion	Ratio	Lower	Upper
73	100		
87	10.2	2.5	42.5
55	36.0	14.1	54.1

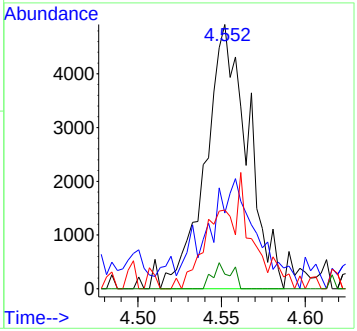


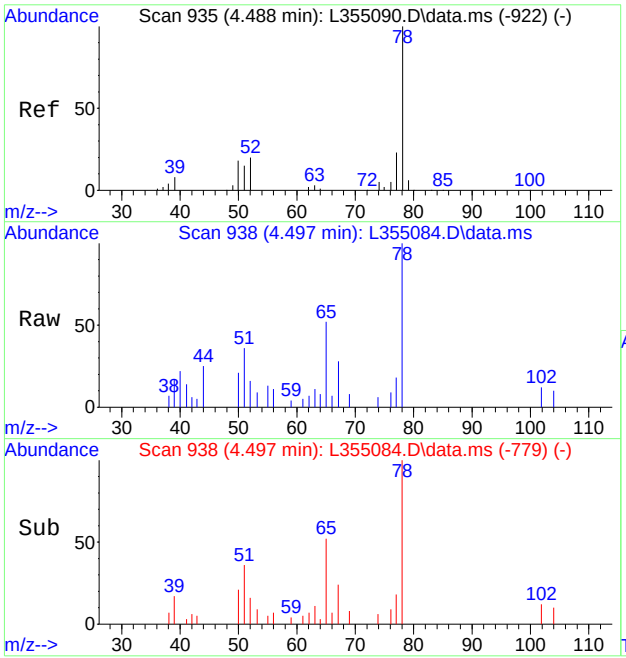


#54
2,2,4-trimethylpentane
Concen: 0.72 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 57 Resp: 8644

Ion	Ratio	Lower	Upper
57	100		
41	20.7	15.5	55.5
56	29.8	14.0	54.0
99	5.5	0.0	24.5

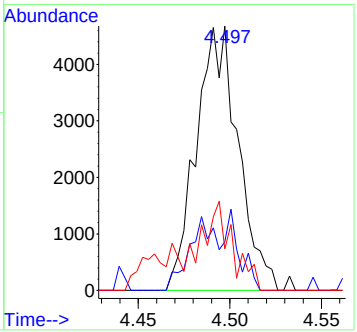


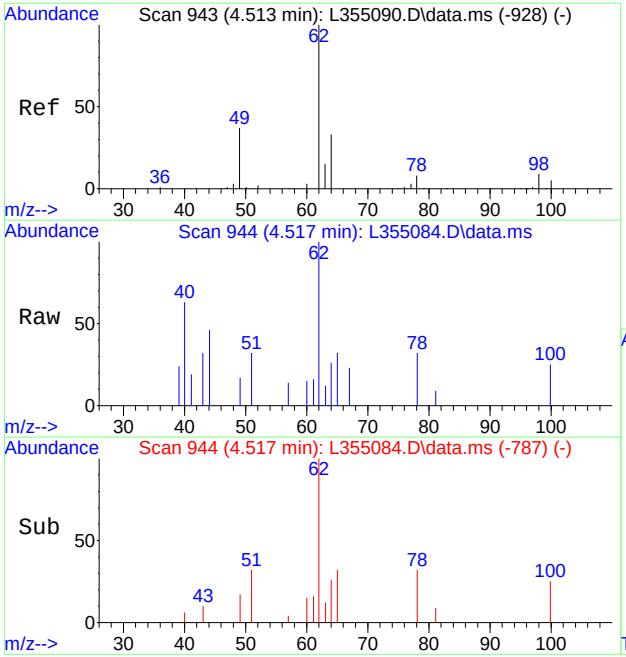


#56
benzene
Concen: 0.62 ug/L
RT: 4.497 min Scan# 938
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 78 Resp: 7446

Ion	Ratio	Lower	Upper
78	100		
77	18.4	0.0	53.0
52	15.8	0.0	50.0

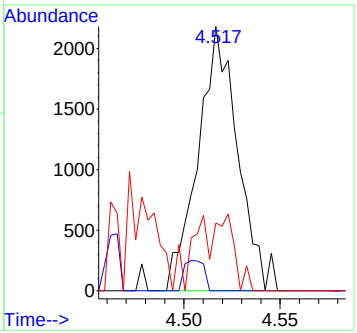


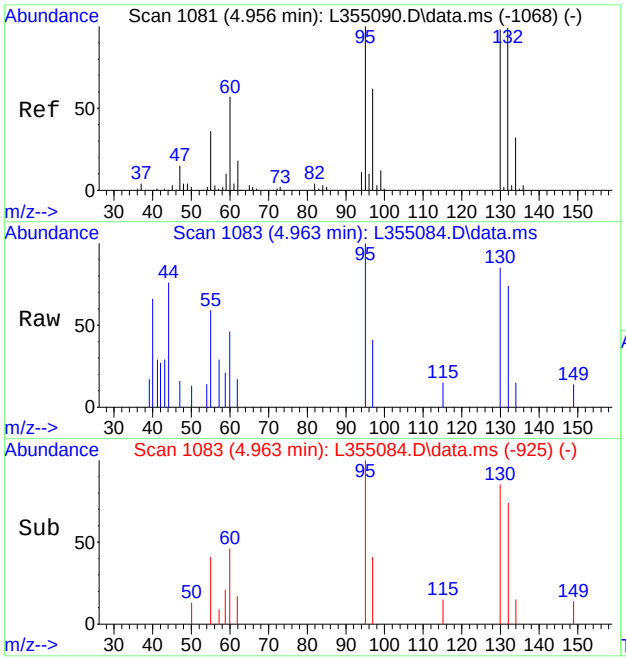


#58
1,2-dichloroethane
Concen: 0.73 ug/L
RT: 4.517 min Scan# 944
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 62 Resp: 3138

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	39.1
64	25.7	2.9	62.9

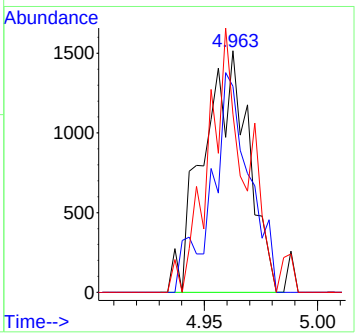


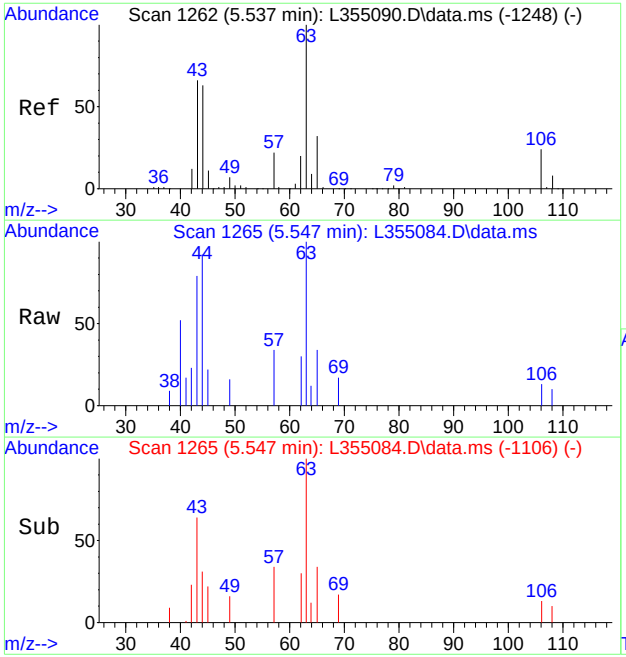


#59
trichloroethene
Concen: 0.64 ug/L
RT: 4.963 min Scan# 1083
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 95 Resp: 2111

Ion	Ratio	Lower	Upper
95	100		
130	85.2	68.4	128.4
132	73.7	68.7	128.7

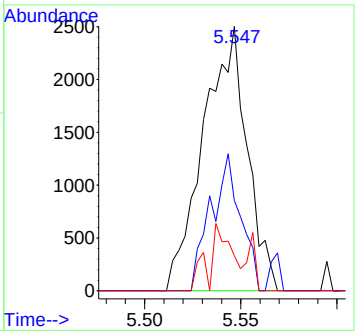


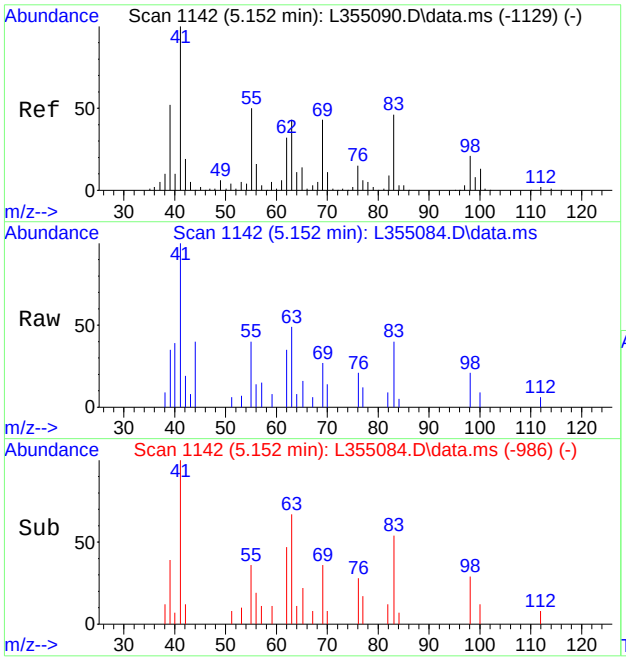


#62
2-chloroethyl vinyl ether
Concen: 2.25 ug/L
RT: 5.547 min Scan# 1265
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 63 Resp: 3955

Ion	Ratio	Lower	Upper
63	100		
65	34.2	2.0	62.0
106	13.3	0.0	53.7

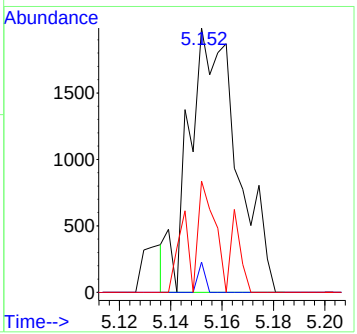


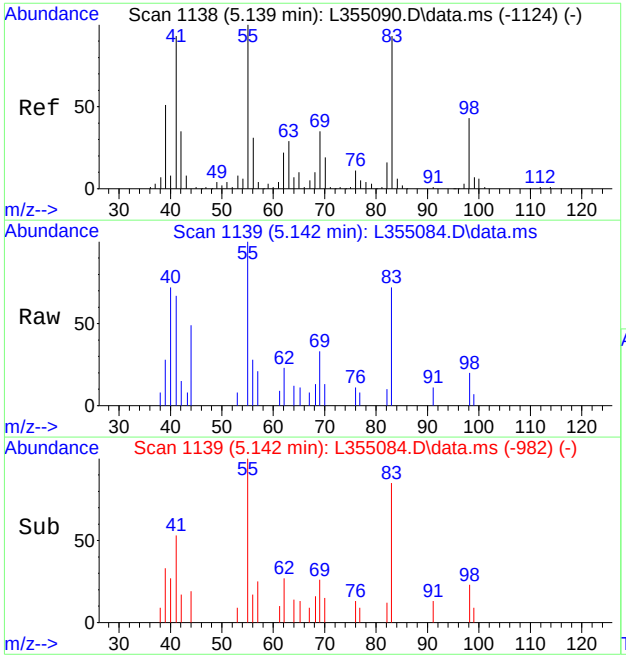


#64
1,2-dichloropropane
Concen: 0.67 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 63 Resp: 2593

Ion	Ratio	Lower	Upper
63	100		
112	11.5	0.0	33.9
76	42.1	3.9	63.9

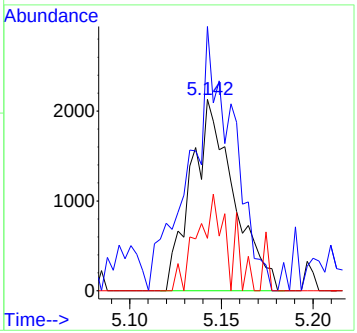


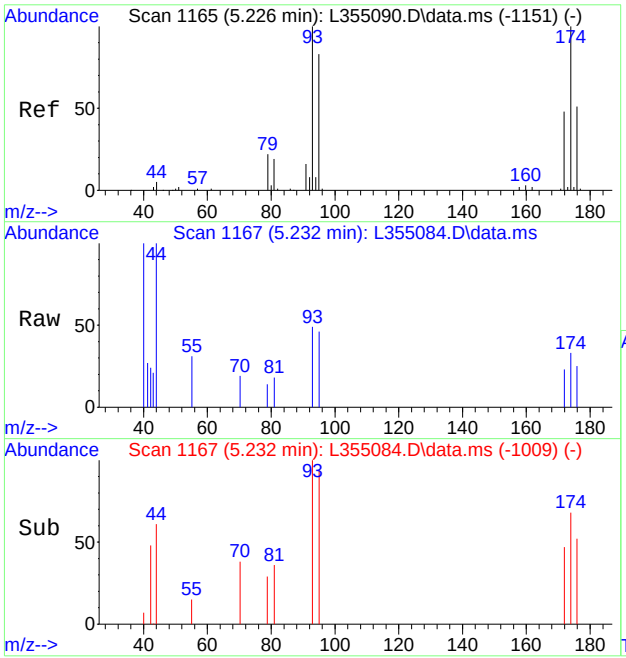


#65
methylcyclohexane
Concen: 0.58 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 83 Resp: 3463

Ion	Ratio	Lower	Upper
83	100		
55	123.2	77.0	137.0
98	27.4	16.0	76.0

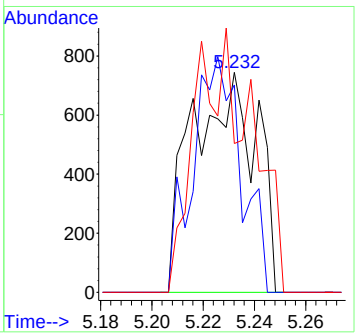


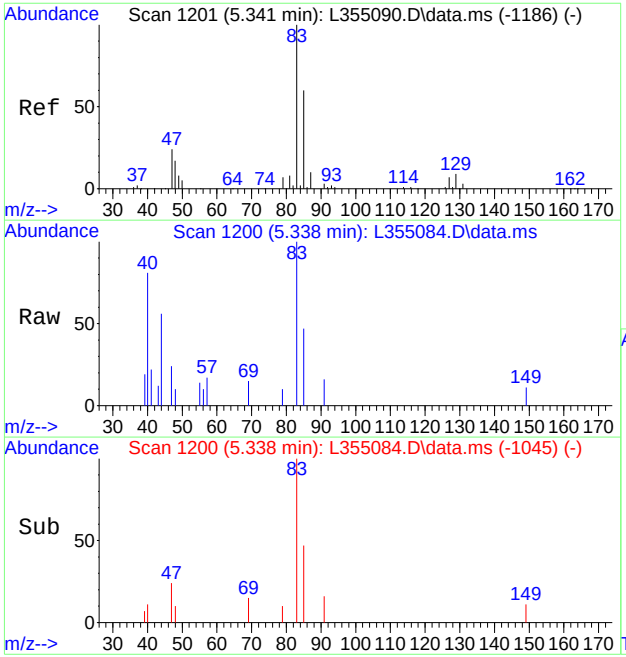


#66
dibromomethane
Concen: 0.70 ug/L
RT: 5.232 min Scan# 1167
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 93 Resp: 1293

Ion	Ratio	Lower	Upper
93	100		
95	94.2	52.7	112.7
174	67.7	70.1	130.1#

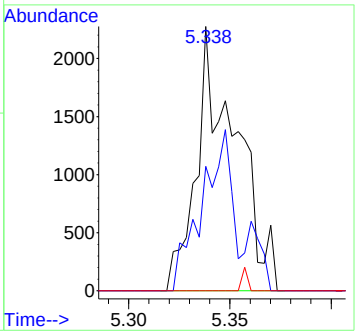


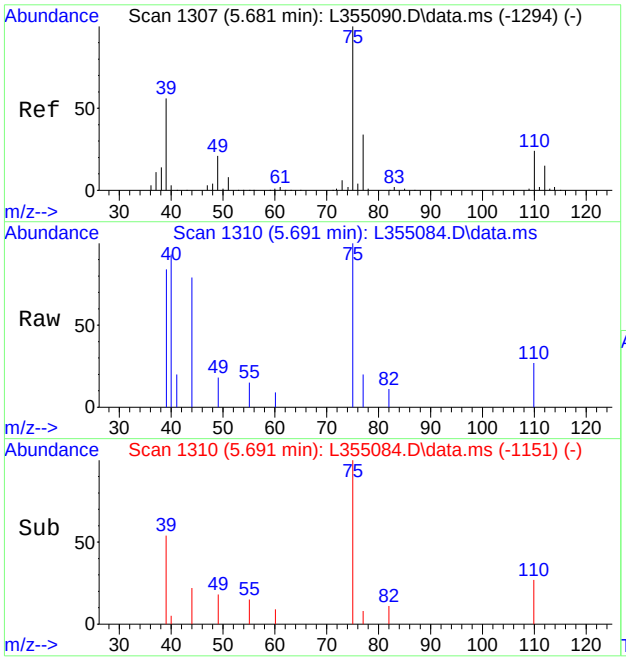


#67
bromodichloromethane
Concen: 0.68 ug/L
RT: 5.338 min Scan# 1200
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 83 Resp: 3088

Ion	Ratio	Lower	Upper
83	100		
85	47.1	30.1	90.1
127	0.0	0.0	37.3

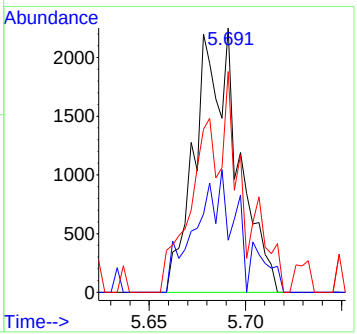


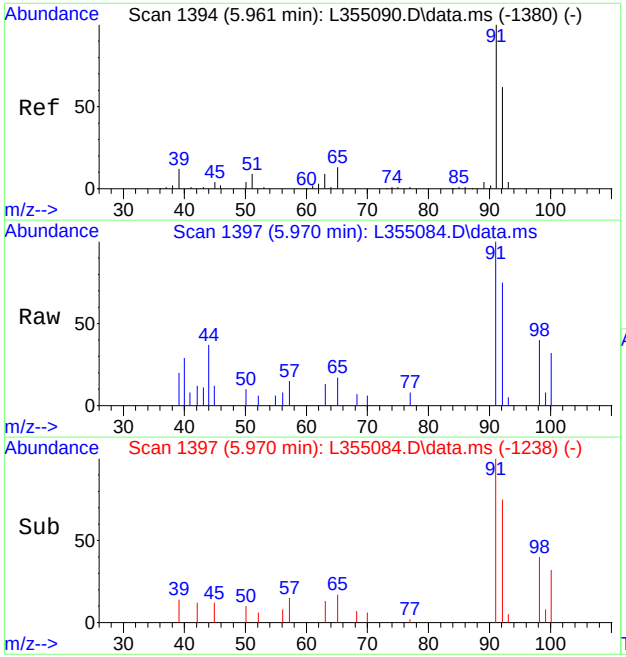


#68
cis-1,3-dichloropropene
Concen: 0.53 ug/L
RT: 5.691 min Scan# 1310
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 75 Resp: 3442

Ion	Ratio	Lower	Upper
75	100		
77	19.8	4.0	64.0
39	83.6	25.8	85.8

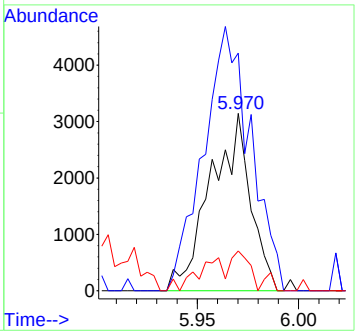


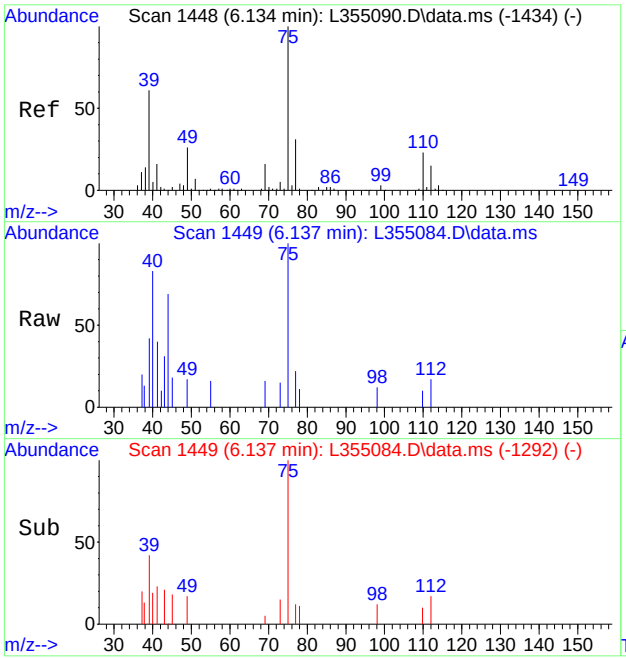


#74
toluene
Concen: 0.59 ug/L
RT: 5.970 min Scan# 1397
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 92 Resp: 4311

Ion	Ratio	Lower	Upper
92	100		
91	133.9	130.7	190.7
65	22.5	0.0	51.2

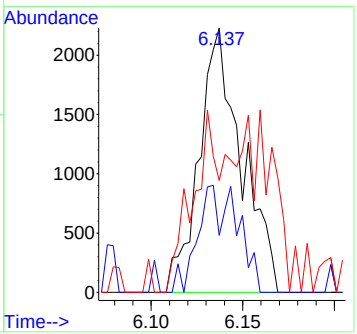


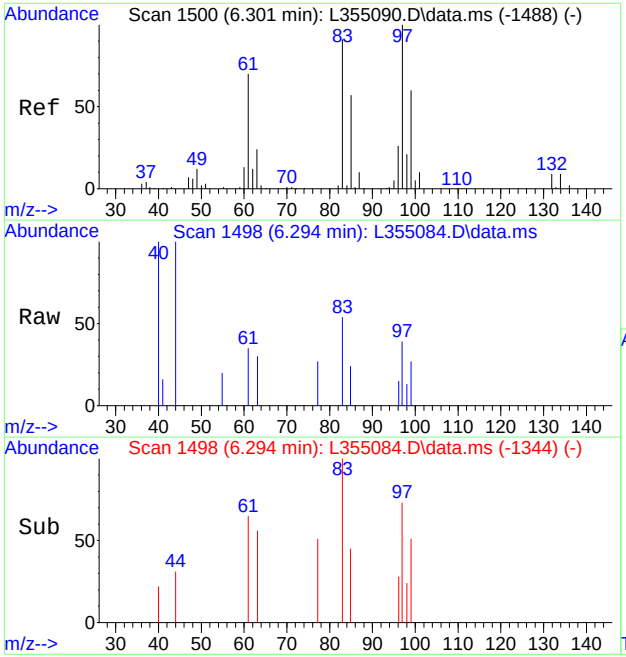


#75
trans-1,3-dichloropropene
Concen: 0.73 ug/L
RT: 6.137 min Scan# 1449
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 75 Resp: 3599

Ion	Ratio	Lower	Upper
75	100		
77	21.6	1.0	61.0
39	42.3	30.8	90.8

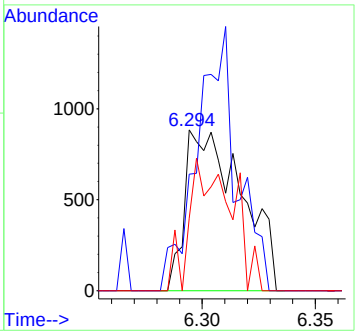


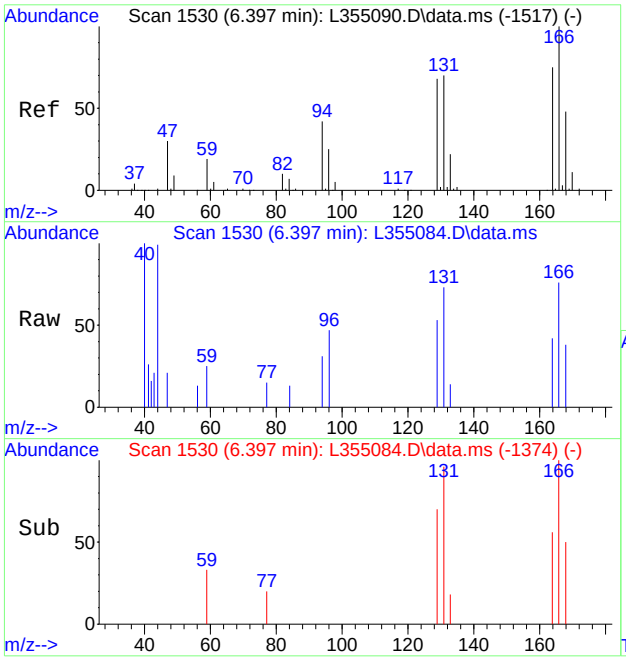


#77
1,1,2-trichloroethane
Concen: 0.64 ug/L
RT: 6.294 min Scan# 1498
Delta R.T. -0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 83 Resp: 1540

Ion	Ratio	Lower	Upper
83	100		
97	72.5	80.2	140.2#
85	45.1	33.0	93.0

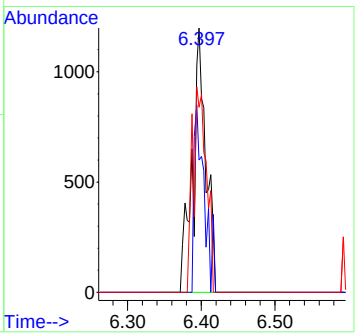


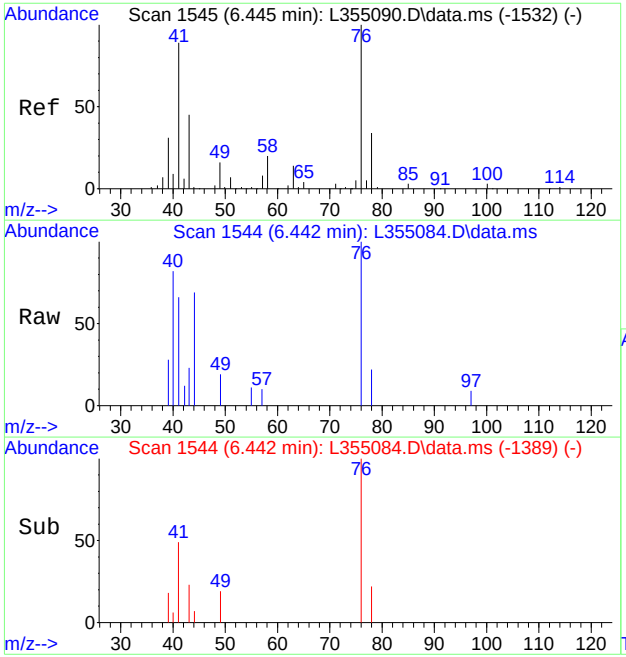


#79
tetrachloroethene
Concen: 0.50 ug/L m
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:166 Resp: 1511

Ion	Ratio	Lower	Upper
166	100		
168	50.0	18.3	78.3
129	70.0	38.5	98.5

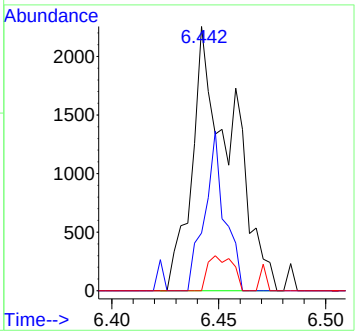


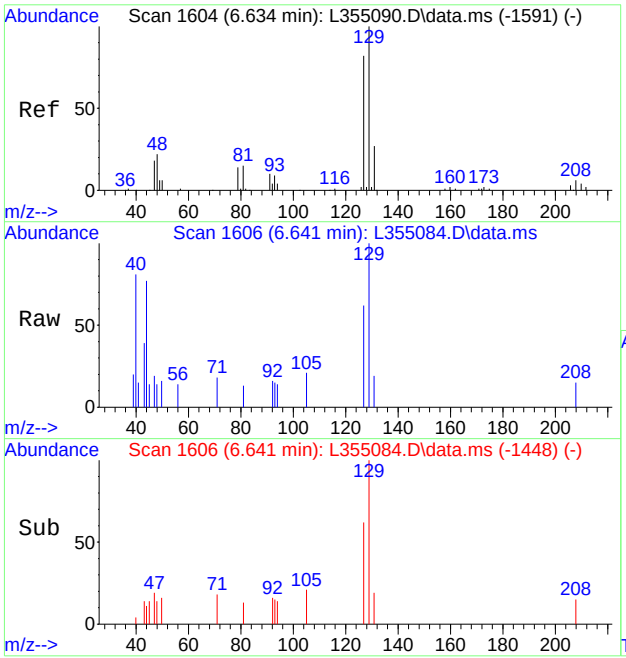


#80
1,3-dichloropropane
Concen: 0.62 ug/L
RT: 6.442 min Scan# 1544
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 76 Resp: 2908

Ion	Ratio	Lower	Upper
76	100		
78	21.9	3.8	63.8
63	0.0	0.0	43.8

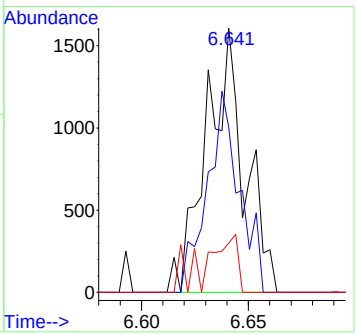


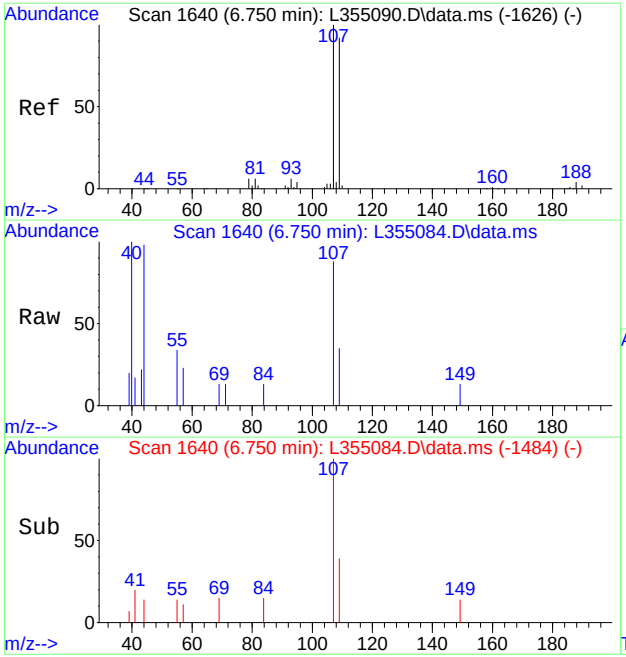


#82
dibromochloromethane
Concen: 0.69 ug/L
RT: 6.641 min Scan# 1606
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:129 Resp: 2012

Ion	Ratio	Lower	Upper
129	100		
127	62.4	51.9	111.9
131	18.6	0.0	56.8

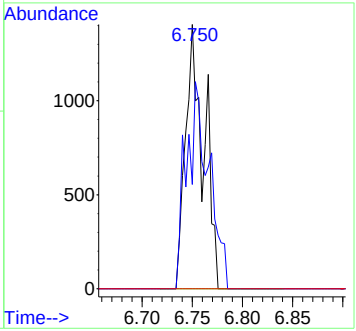


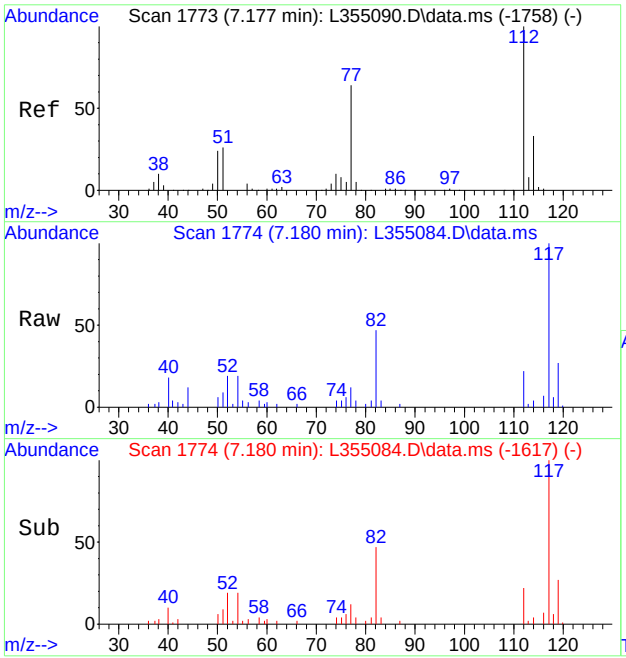


#83
1,2-dibromoethane
Concen: 0.60 ug/L m
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:107 Resp: 1769

Ion	Ratio	Lower	Upper
107	100		
109	39.5	62.2	122.2#
188	0.0	0.0	33.6

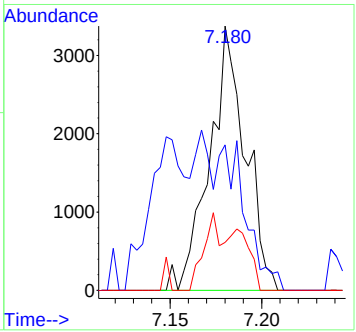


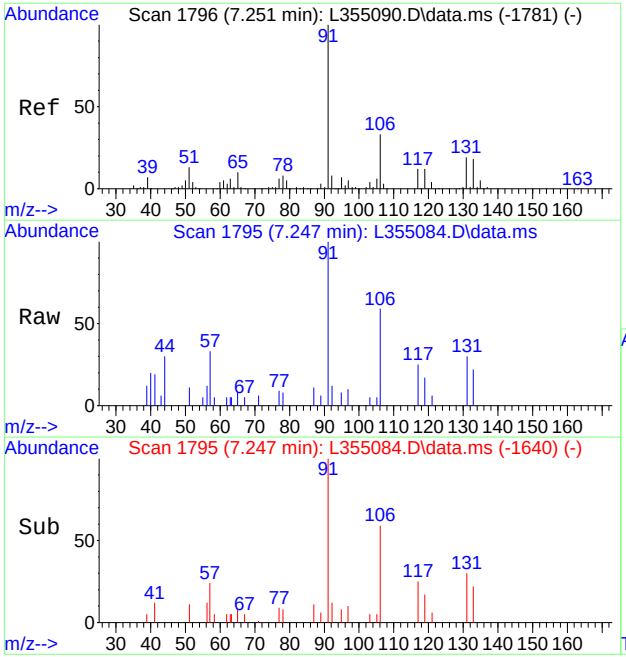


#85
chlorobenzene
Concen: 0.61 ug/L
RT: 7.180 min Scan# 1774
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:112 Resp: 4602

Ion	Ratio	Lower	Upper
112	100		
77	55.0	34.0	94.0
114	18.1	2.8	62.8

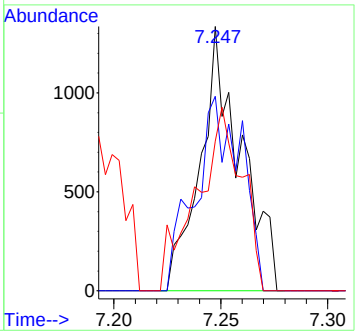


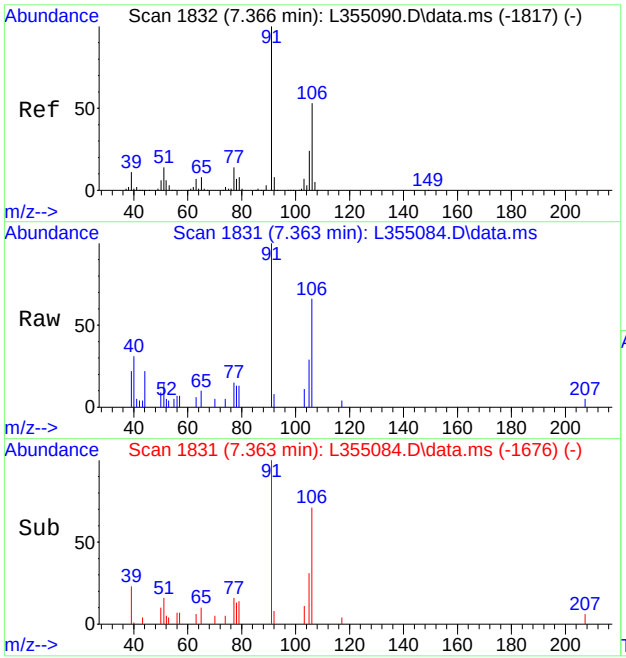


#86
1,1,1,2-tetrachloroethane
Concen: 0.73 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:131 Resp: 1755

Ion	Ratio	Lower	Upper
131	100		
133	73.6	65.5	125.5
119	56.6	34.9	94.9

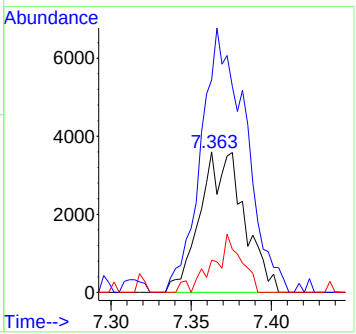


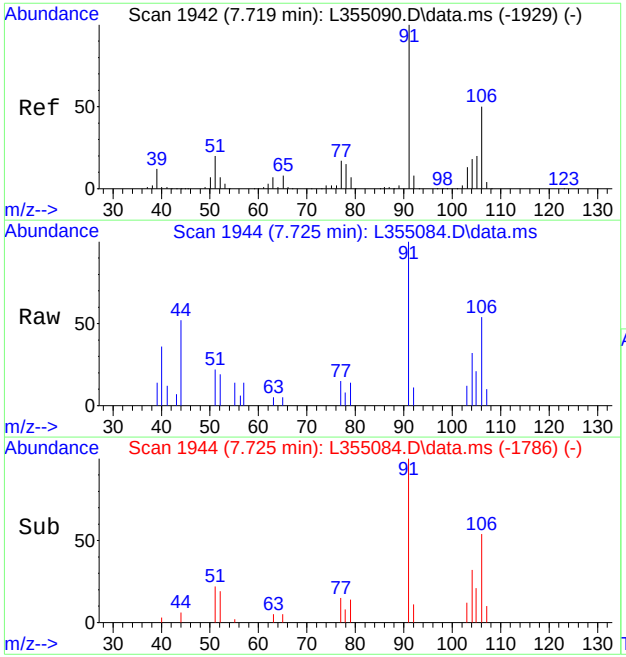


#88
m,p-xylene
Concen: 1.28 ug/L
RT: 7.363 min Scan# 1831
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:106 Resp: 6888

Ion	Ratio	Lower	Upper
106	100		
91	151.3	158.2	218.2#
77	23.0	6.9	46.9

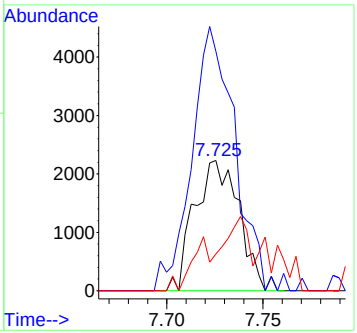


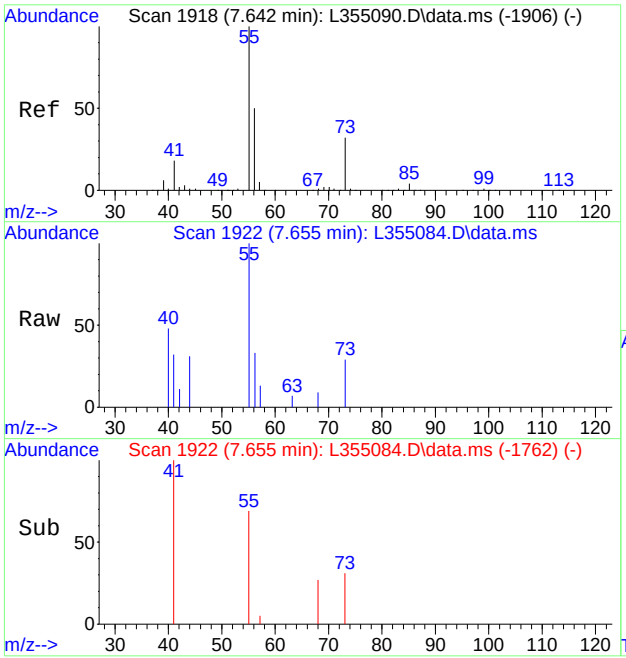


#89
o-xylene
Concen: 0.69 ug/L
RT: 7.725 min Scan# 1944
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:106 Resp: 3627

Ion	Ratio	Lower	Upper
106	100		
91	170.4	170.0	230.0
77	28.3	14.0	54.0

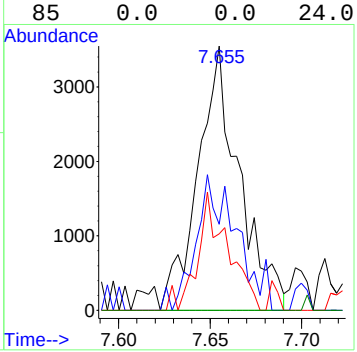


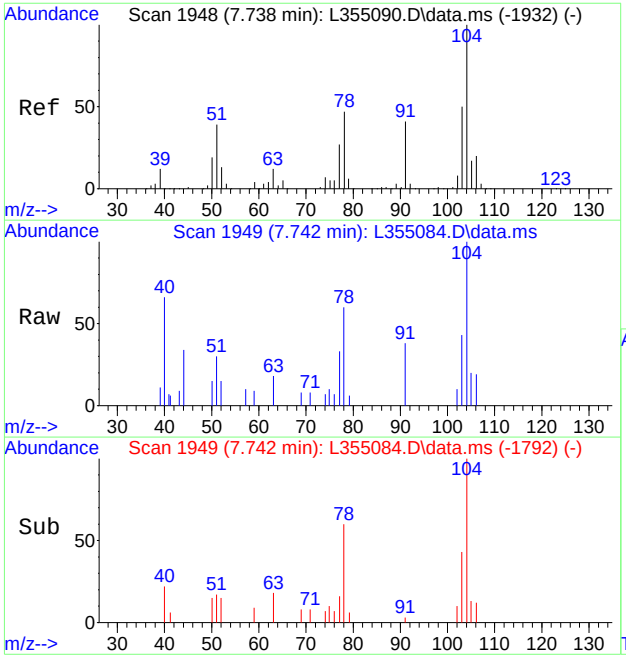


#90
butyl acrylate
Concen: 0.63 ug/L
RT: 7.655 min Scan# 1922
Delta R.T. 0.013 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 55 Resp: 5605

Ion	Ratio	Lower	Upper
55	100		
56	32.5	30.4	70.4
73	29.0	11.9	51.9
85	0.0	0.0	24.0

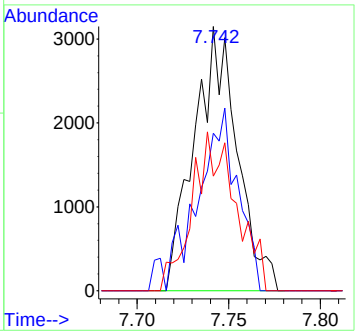


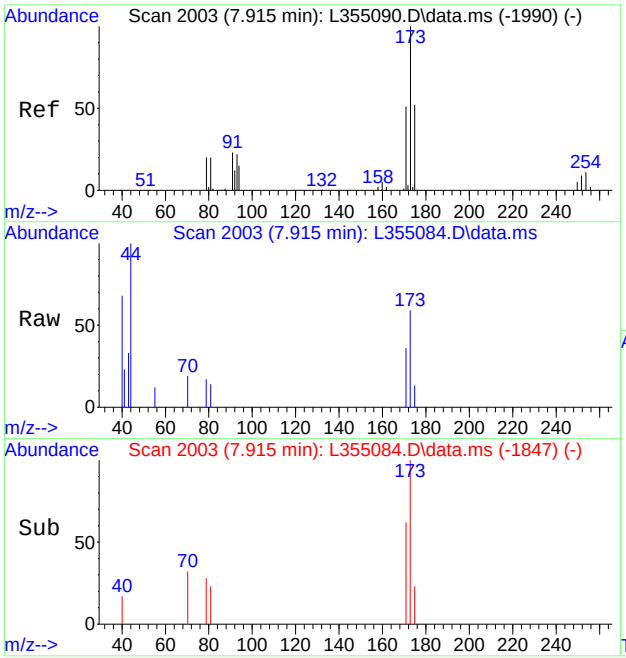


#91
styrene
Concen: 0.62 ug/L
RT: 7.742 min Scan# 1949
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:104 Resp: 5162

Ion	Ratio	Lower	Upper
104	100		
78	59.6	17.3	77.3
103	43.3	19.8	79.8

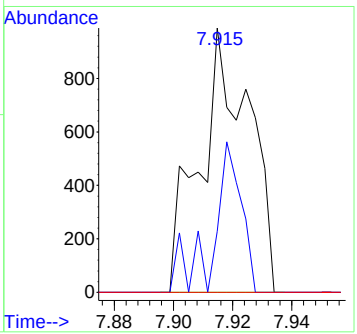


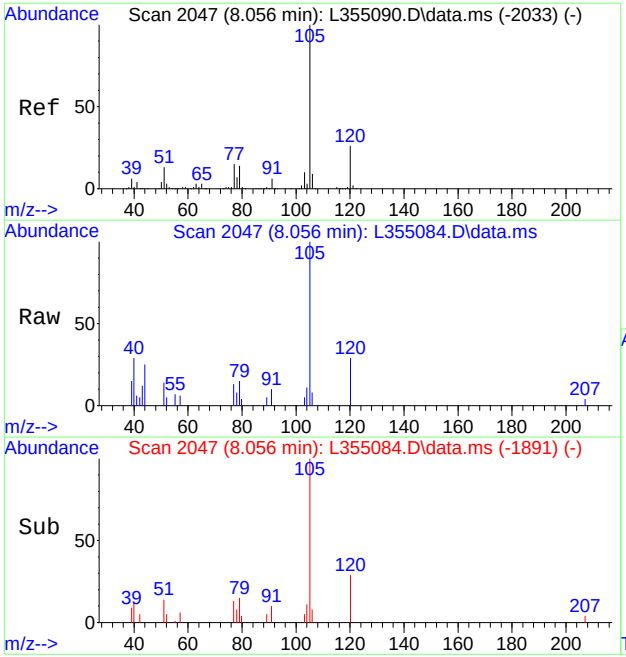


#92
bromoform
Concen: 0.53 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:173 Resp: 1148

Ion	Ratio	Lower	Upper
173	100		
175	23.1	22.1	82.1
254	0.0	0.0	41.0

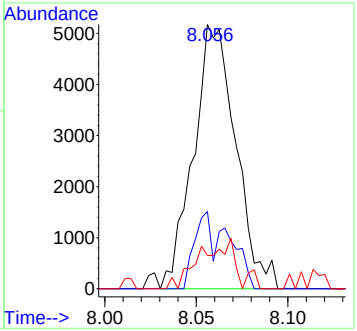


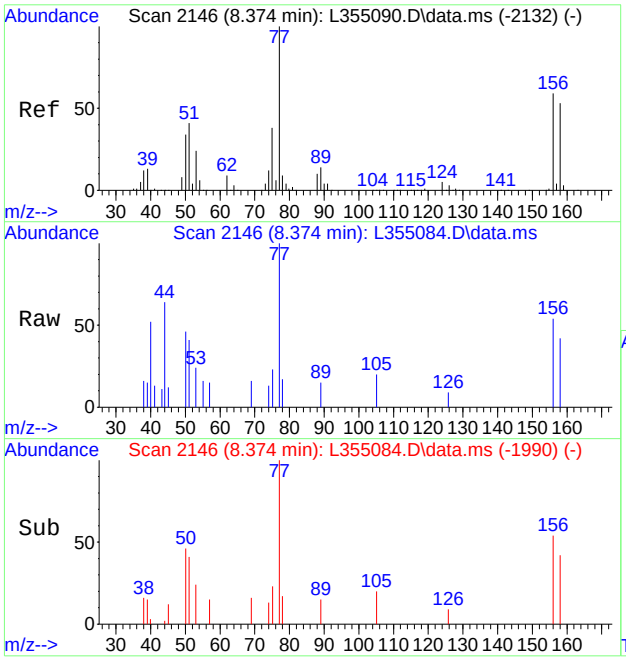


#93
isopropylbenzene
Concen: 0.66 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:105 Resp: 8351

Ion	Ratio	Lower	Upper
105	100		
120	29.3	6.4	46.4
77	12.6	0.0	35.3

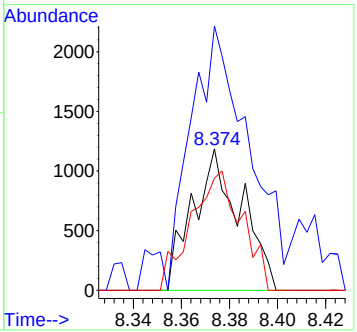


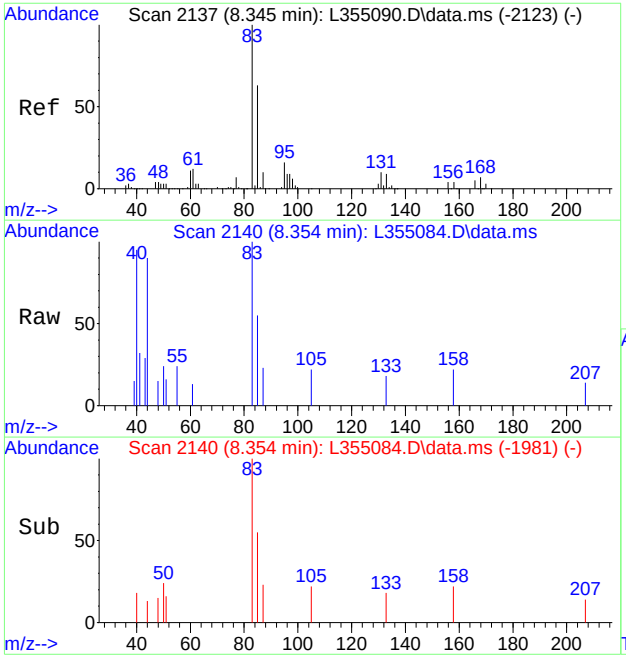


#97
bromobenzene
Concen: 0.53 ug/L
RT: 8.374 min Scan# 2146
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:156 Resp: 1649

Ion	Ratio	Lower	Upper
156	100		
77	168.3	138.1	198.1
158	79.2	58.3	118.3

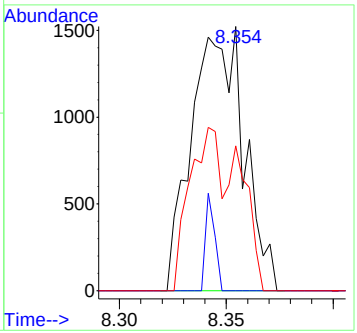


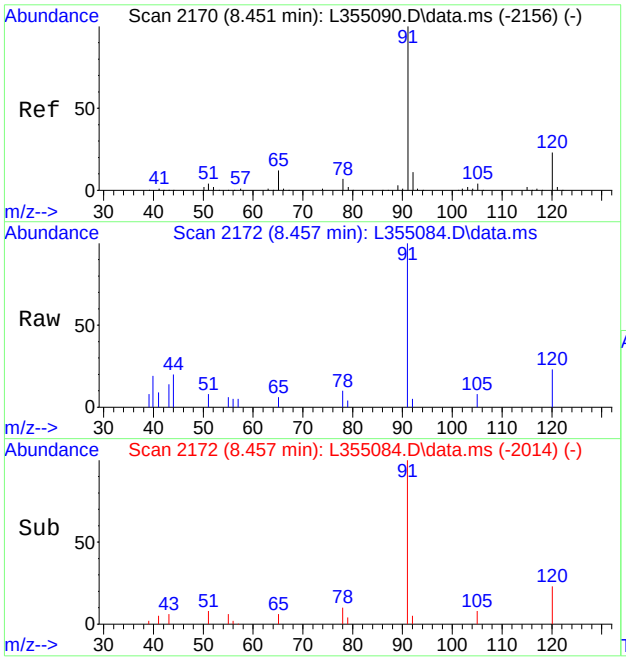


#98
1,1,2,2-tetrachloroethane
Concen: 0.59 ug/L
RT: 8.354 min Scan# 2140
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 83 Resp: 2568

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	39.6
85	54.8	33.1	93.1

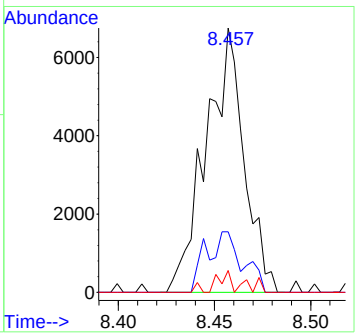


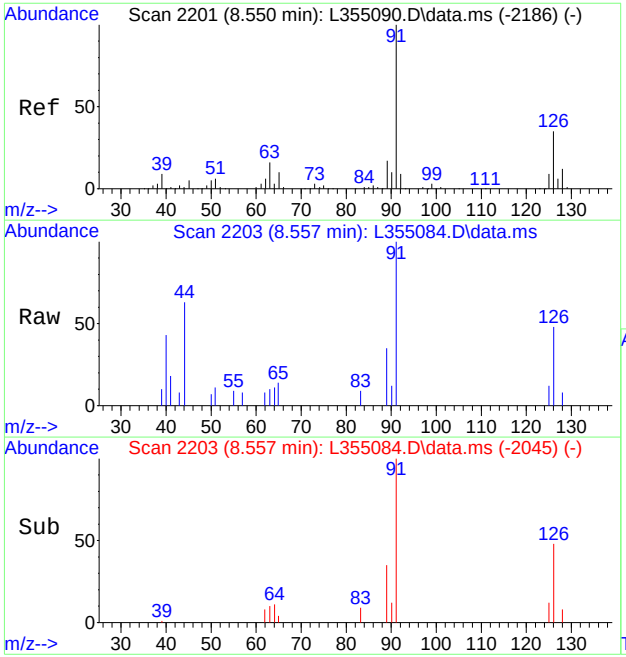


#101
n-propylbenzene
Concen: 0.62 ug/L
RT: 8.457 min Scan# 2172
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 91 Resp: 9309

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	53.4
105	8.3	0.0	34.1

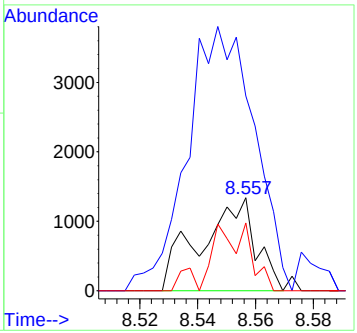


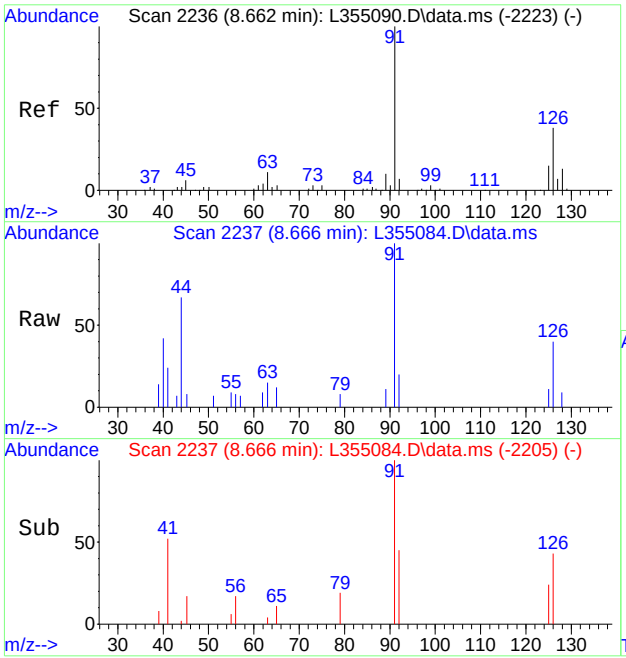


#102
2-chlorotoluene
Concen: 0.60 ug/L m
RT: 8.557 min Scan# 2203
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:126 Resp: 1773

Ion	Ratio	Lower	Upper
126	100		
91	208.9	258.6	318.6#
89	72.9	18.8	78.8

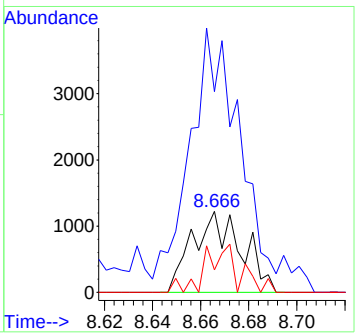


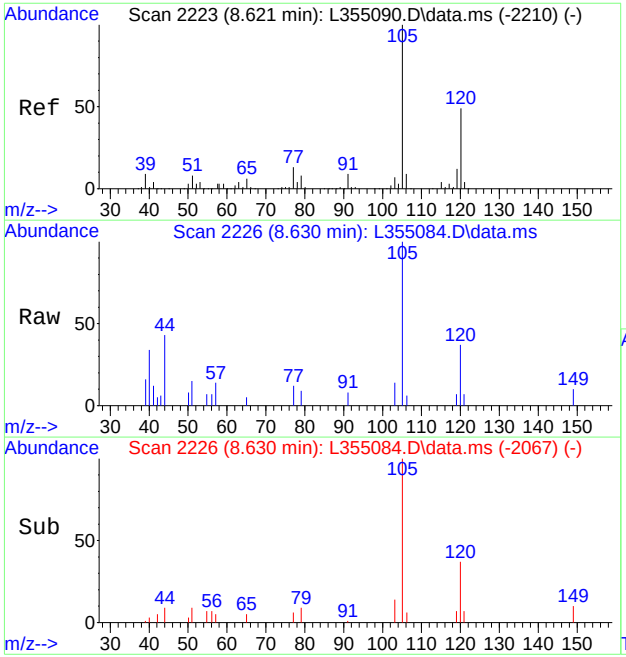


#103
4-chlorotoluene
Concen: 0.62 ug/L
RT: 8.666 min Scan# 2237
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:126 Resp: 1716

Ion	Ratio	Lower	Upper
126	100		
91	202.2	272.7	332.7#
89	27.8	2.4	62.4

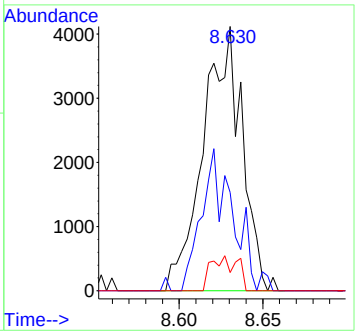


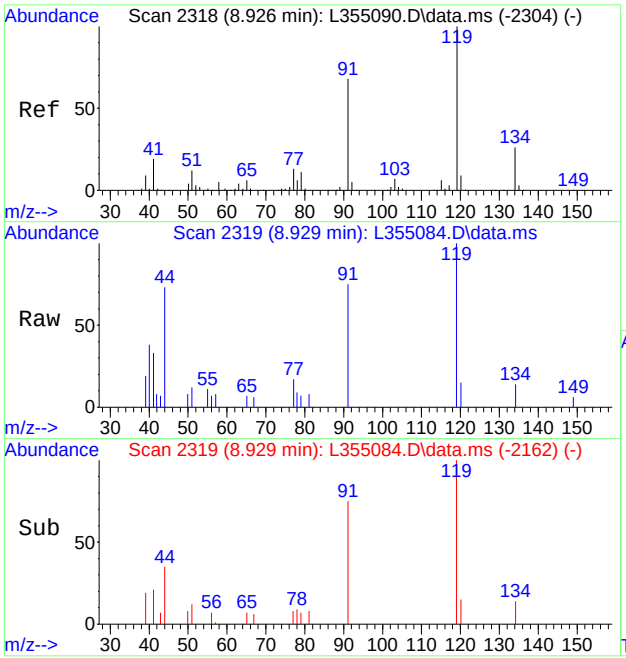


#104
1,3,5-trimethylbenzene
Concen: 0.63 ug/L
RT: 8.630 min Scan# 2226
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:105 Resp: 6669

Ion	Ratio	Lower	Upper
105	100		
120	37.2	19.0	79.0
119	6.9	0.0	42.2

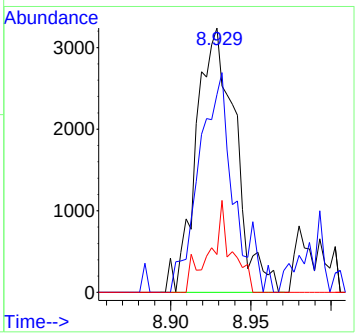


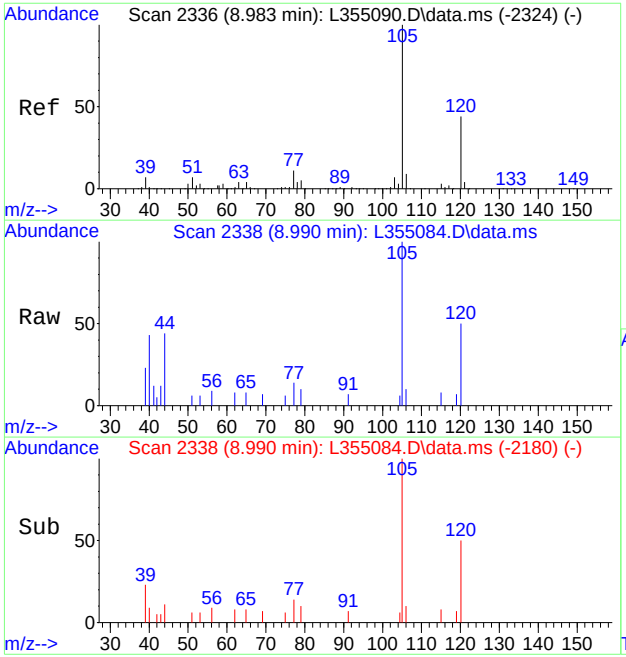


#105
tert-butylbenzene
Concen: 0.62 ug/L
RT: 8.929 min Scan# 2319
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:119 Resp: 5524

Ion	Ratio	Lower	Upper
119	100		
91	74.8	38.0	98.0
134	14.3	0.0	56.2

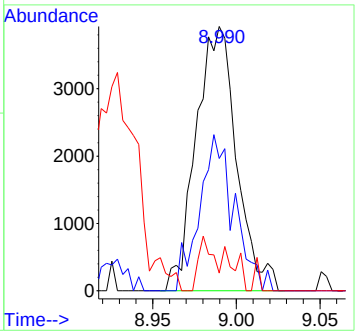


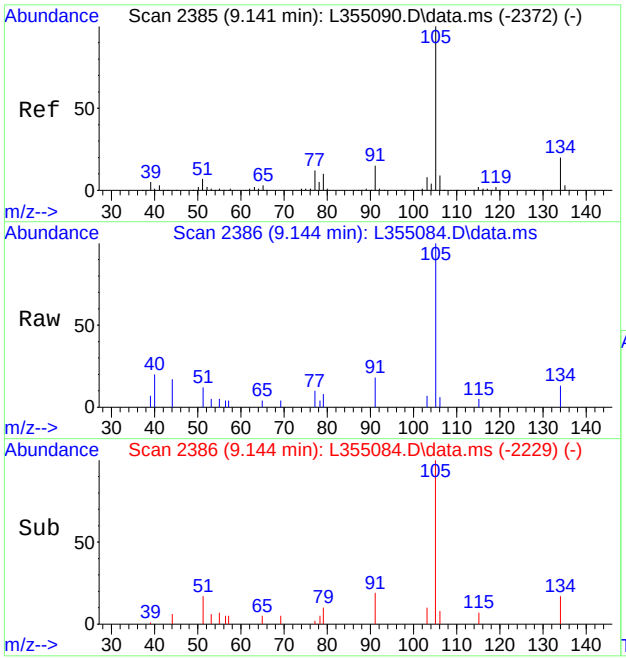


#106
1,2,4-trimethylbenzene
Concen: 0.63 ug/L
RT: 8.990 min Scan# 2338
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:105 Resp: 6625

Ion	Ratio	Lower	Upper
105	100		
120	50.0	15.8	75.8
119	6.7	0.0	42.1

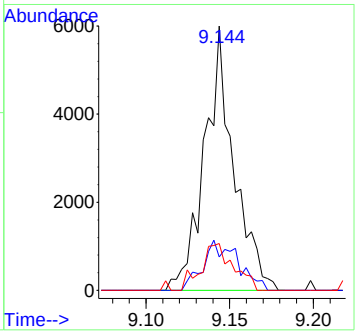


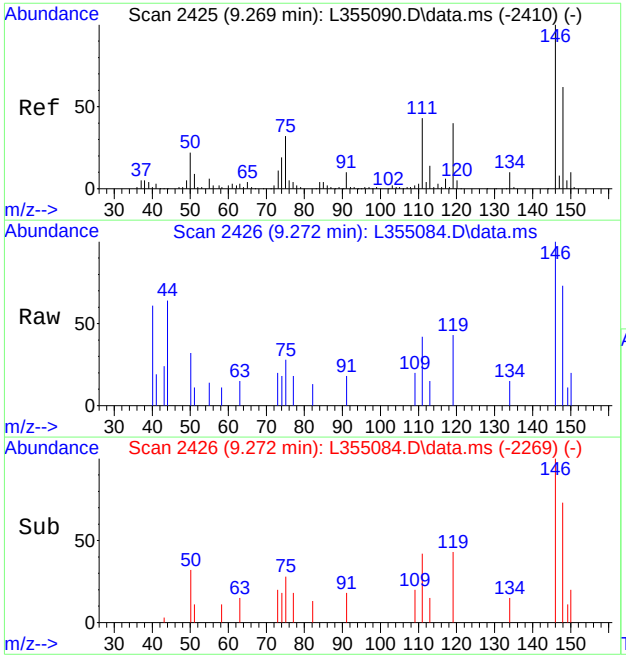


#107
sec-butylbenzene
Concen: 0.51 ug/L
RT: 9.144 min Scan# 2386
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:105 Resp: 7272

Ion	Ratio	Lower	Upper
105	100		
134	12.6	0.0	50.4
91	17.7	0.0	45.4

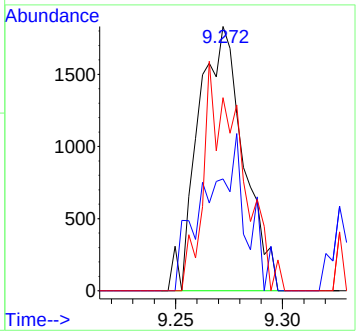


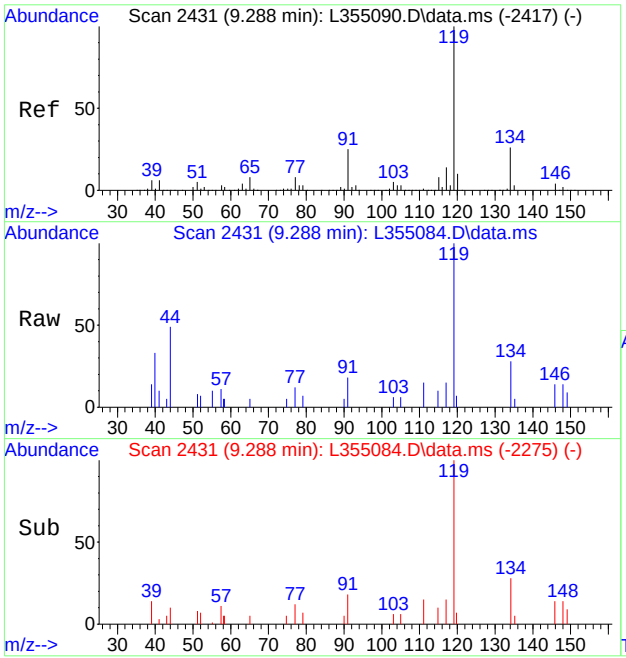


#108
1,3-dichlorobenzene
Concen: 0.50 ug/L
RT: 9.272 min Scan# 2426
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:146 Resp: 2709

Ion	Ratio	Lower	Upper
146	100		
111	42.3	13.1	73.1
148	73.0	32.4	92.4

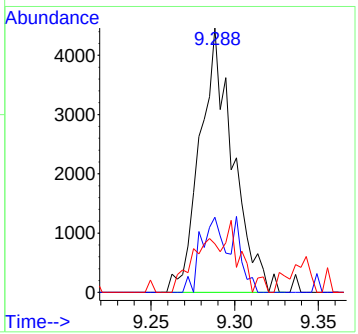


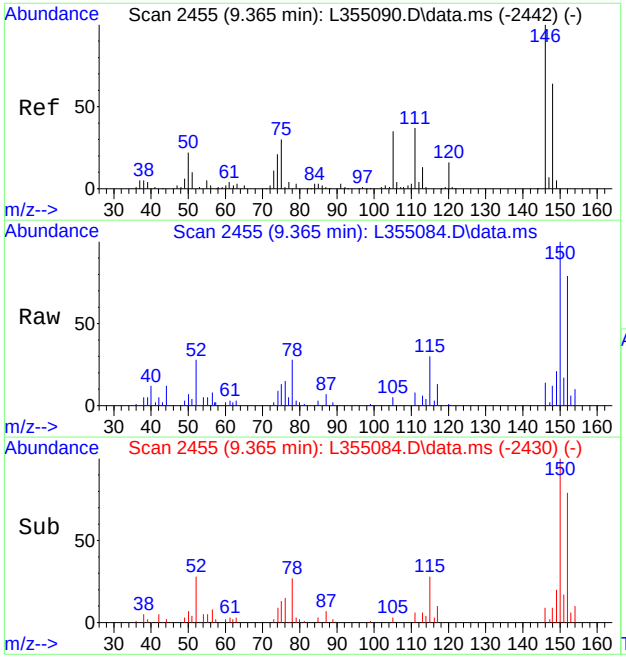


#109
p-isopropyltoluene
Concen: 0.61 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:119 Resp: 6148

Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	56.2
91	17.1	0.0	55.0

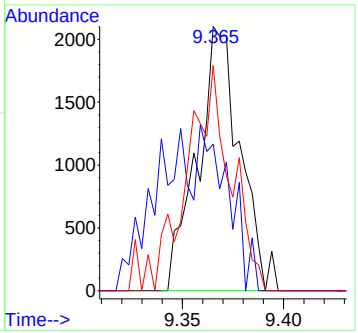


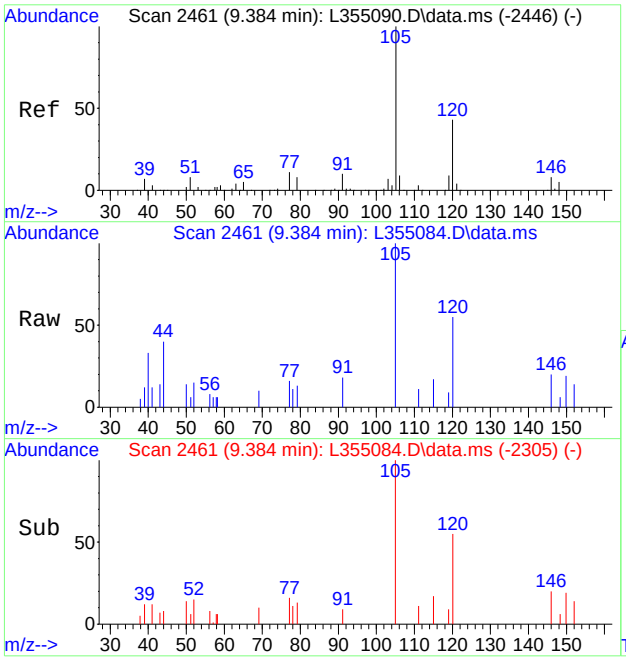


#110
1,4-dichlorobenzene
Concen: 0.65 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:146 Resp: 3077

Ion	Ratio	Lower	Upper
146	100		
111	55.4	7.6	67.6
148	85.2	33.7	93.7

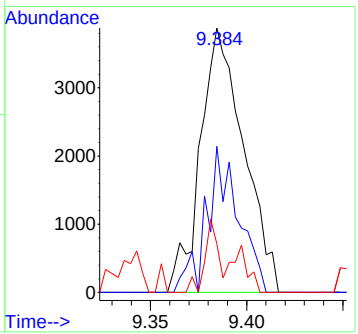


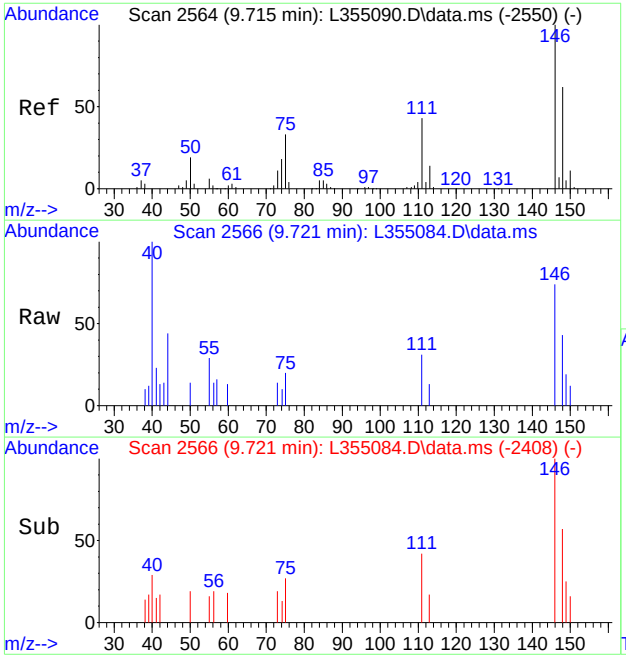


#111
1,2,3-trimethylbenzene
Concen: 0.64 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:105 Resp: 6101

Ion	Ratio	Lower	Upper
105	100		
120	55.2	13.0	73.0
91	18.4	0.0	39.8

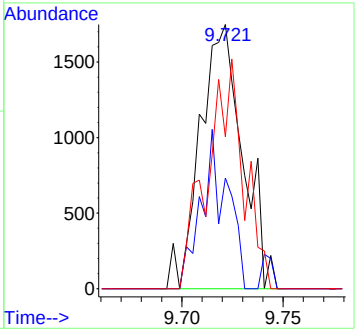


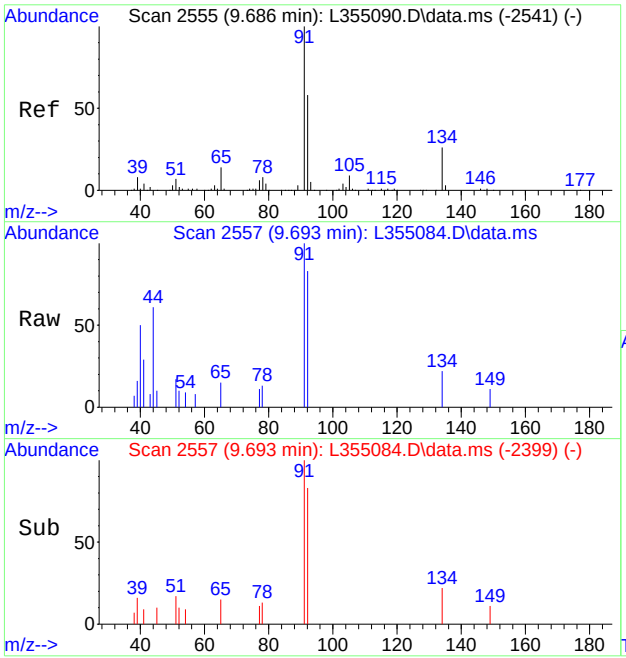


#112
1,2-dichlorobenzene
Concen: 0.48 ug/L
RT: 9.721 min Scan# 2566
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:146 Resp: 2541

Ion	Ratio	Lower	Upper
146	100		
111	41.8	13.0	73.0
148	57.5	32.1	92.1

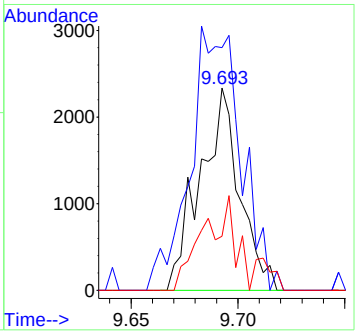


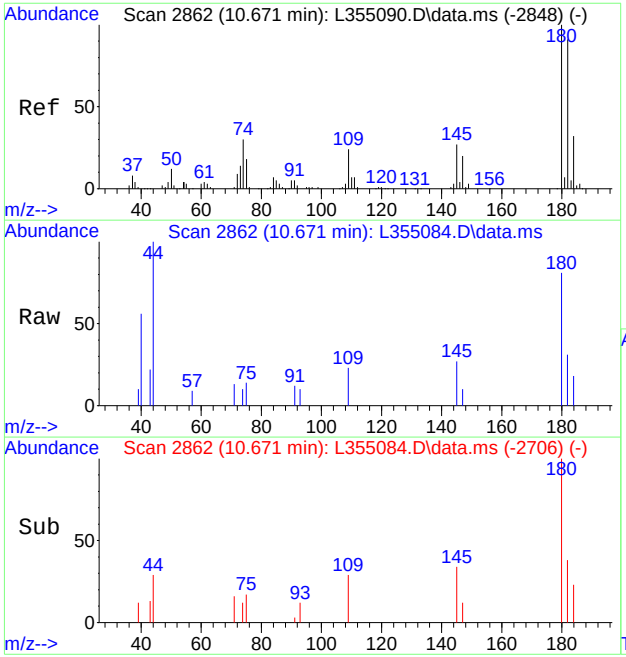


#113
n-butylbenzene
Concen: 0.56 ug/L
RT: 9.693 min Scan# 2557
Delta R.T. 0.006 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 92 Resp: 3009

Ion	Ratio	Lower	Upper
92	100		
91	119.8	141.2	201.2#
134	26.7	14.9	74.9

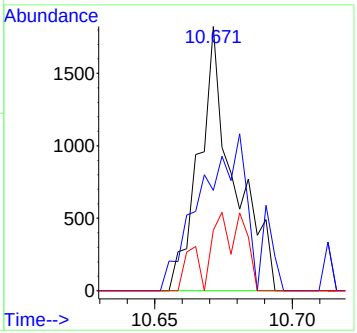


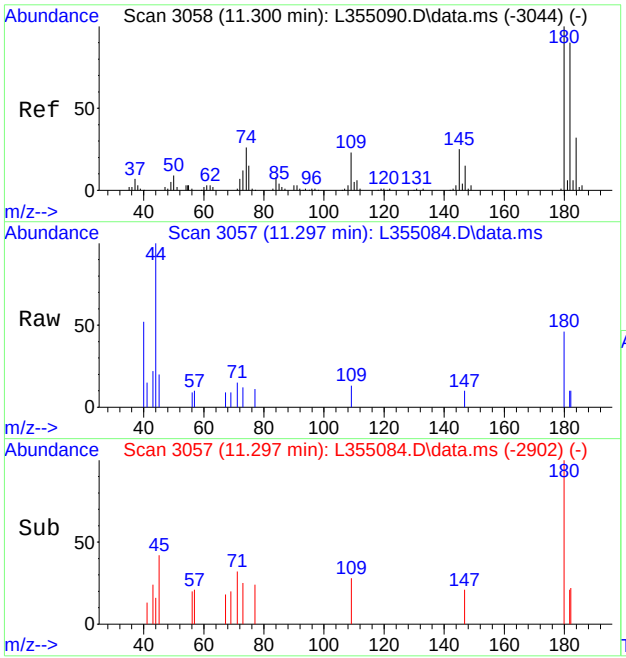


#115
1,3,5-trichlorobenzene
Concen: 0.45 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:180 Resp: 1596

Ion	Ratio	Lower	Upper
180	100		
182	38.0	61.0	121.0#
184	22.9	1.5	61.5

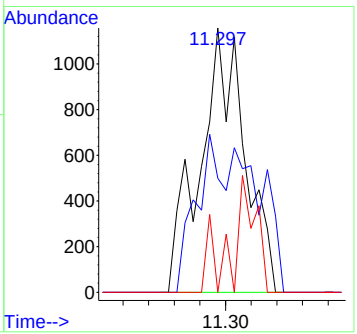


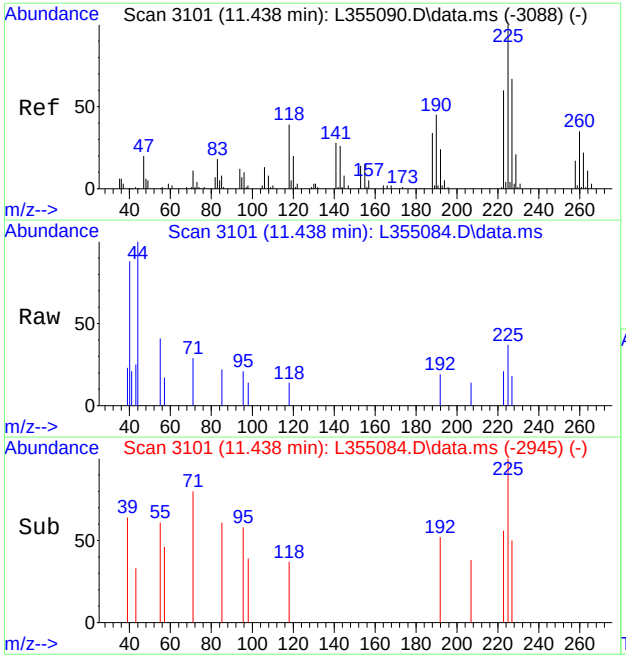


#116
1,2,4-trichlorobenzene
Concen: 0.47 ug/L
RT: 11.297 min Scan# 3057
Delta R.T. -0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:180 Resp: 1408

Ion	Ratio	Lower	Upper
180	100		
182	43.1	59.8	119.8#
184	0.0	1.8	61.8#

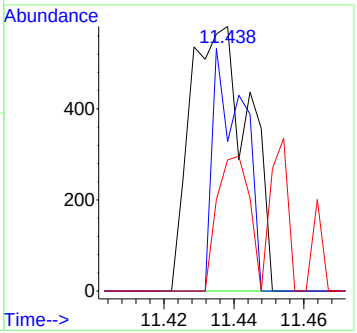


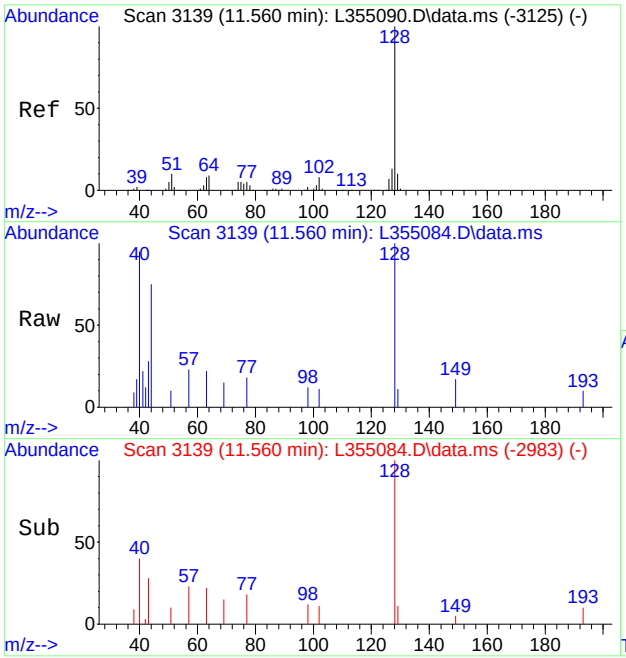


#117
hexachlorobutadiene
Concen: 0.52 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:225 Resp: 676

Ion	Ratio	Lower	Upper
225	100		
223	56.5	30.5	90.5
227	49.6	37.2	97.2

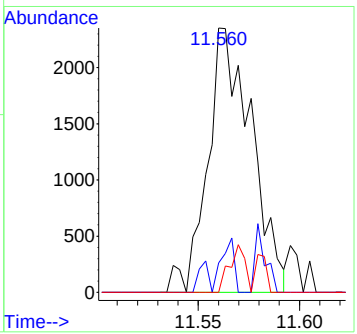


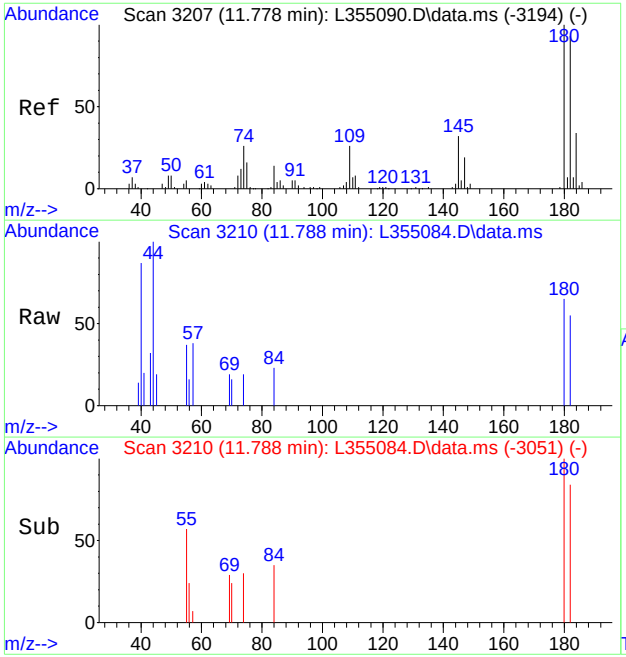


#118
naphthalene
Concen: 0.40 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:128 Resp: 3545

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.2
127	0.0	0.0	43.0

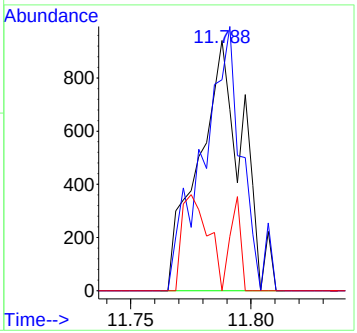


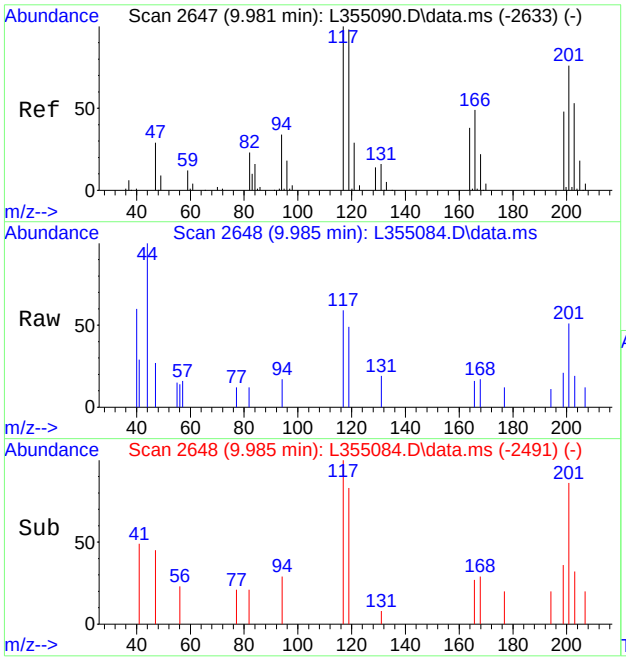


#119
1,2,3-trichlorobenzene
Concen: 0.46 ug/L
RT: 11.788 min Scan# 3210
Delta R.T. 0.010 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:180 Resp: 1195

Ion	Ratio	Lower	Upper
180	100		
182	84.3	63.1	123.1
184	0.0	3.8	63.8#

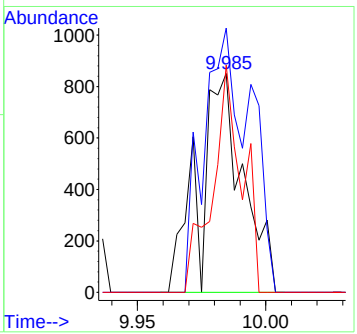


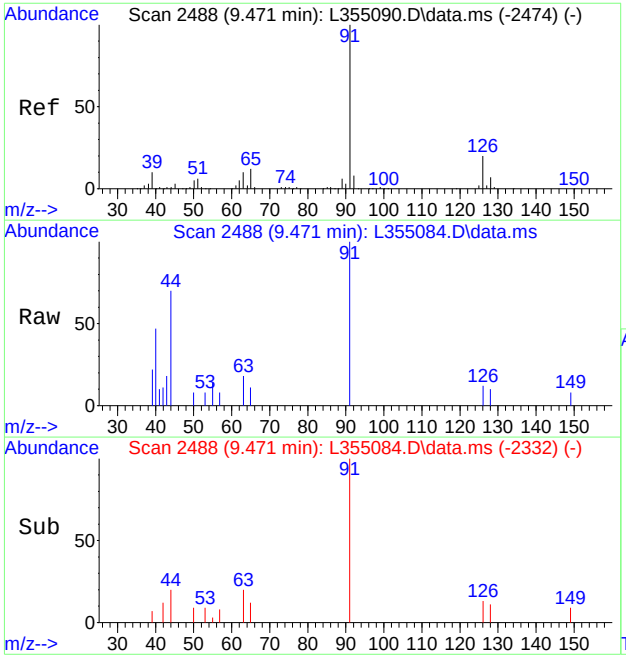


#120
hexachloroethane
Concen: 0.49 ug/L
RT: 9.985 min Scan# 2648
Delta R.T. 0.003 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion:119 Resp: 1005

Ion	Ratio	Lower	Upper
119	100		
117	120.8	71.9	131.9
201	103.9	47.2	107.2

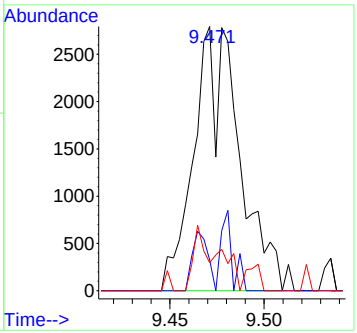




#121
benzyl chloride
Concen: 0.61 ug/L m
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355084.D
Acq: 29 Apr 2023 6:35 pm

Tgt Ion: 91 Resp: 4706

Ion	Ratio	Lower	Upper
91	100		
126	11.7	0.0	50.3
65	10.6	0.0	42.2



7.7.41

7

Manual Integration Approval Summary

Sample Number:	VL10779-IC10779	**Method:**	SW846 8260D
Lab FileID:	L355084.D	**Analyst approved:**	05/01/23 12:21 MoHui Huang
Injection Time:	04/29/23 18:35	**Supervisor approved:**	05/02/23 09:56 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 113	76-13-1		2.69	Split peak
1,1-Dichloropropene	563-58-6		4.36	Split peak
Tetrachloroethene	127-18-4		6.40	Split peak
1,2-Dibromoethane	106-93-4		6.75	Split peak
o-Chlorotoluene	95-49-8		8.56	Split peak
Benzyl Chloride	100-44-7		9.47	Split peak

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/02/23 09:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355085.D
Acq On : 29 Apr 2023 6:58 pm
Operator : PrashanS
Sample : IC10779-1
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:48:56 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:20:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.995	65	180389	500.00	ug/L		0.00
5) pentafluorobenzene	4.199	168	313749	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.764	114	436866	50.00	ug/L		0.00
72) chlorobenzene-d5	7.151	117	369194	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	155872	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.199	168	313749	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	155872	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.208	113	128963	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
52) 1,2-dichloroethane-d4 (s)	4.462	65	163188	52.03	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 104.06%				
73) toluene-d8 (s)	5.906	98	507810	51.33	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%				
96) 4-bromofluorobenzene (s)	8.229	95	180619	50.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%				
Target Compounds							Qvalue
3) ethanol	2.437	45	3832	149.71	ug/L		80
4) tertiary butyl alcohol	3.053	59	3287m	5.57	ug/L		
6) chlorodifluoromethane	1.606	51	9749	1.09	ug/L	#	99
7) dichlorodifluoromethane	1.593	85	7227	1.17	ug/L		87
8) chloromethane	1.744	50	8142	1.19	ug/L		69
9) vinyl chloride	1.831	62	5694	1.08	ug/L		96
10) 1,3-butadiene	1.866	54	7178	1.15	ug/L		77
11) bromomethane	2.087	96	2266	1.00	ug/L		80
12) chloroethane	2.161	64	2984	1.01	ug/L		70
13) trichlorofluoromethane	2.338	101	6430	1.20	ug/L		96
14) ethyl ether	2.524	74	2678m	1.12	ug/L		
16) freon 113	2.697	151	3257	0.98	ug/L	#	80
17) 1,1-dichloroethene	2.697	96	3285	1.10	ug/L	#	75
18) acetone	2.703	58	3251m	5.57	ug/L		
22) carbon disulfide	2.867	76	14611	1.11	ug/L		97
23) methylene chloride	3.024	84	4194	1.07	ug/L	#	75
24) methyl acetate	2.912	74	1131m	1.26	ug/L		
25) methyl tert butyl ether	3.185	73	14138	1.21	ug/L		95
26) trans-1,2-dichloroethene	3.201	96	3997	1.14	ug/L	#	84
27) hexane	3.377	57	10450	1.17	ug/L		93
28) di-isopropyl ether	3.490	45	22336	1.27	ug/L		95
29) ethyl tert-butyl ether	3.730	59	17321	1.17	ug/L		98
30) 2-butanone	3.849	72	2797	4.85	ug/L	#	35
31) 1,1-dichloroethane	3.496	63	9423	1.27	ug/L		96
32) chloroprene	3.544	53	9534	1.18	ug/L		93
33) acrylonitrile	3.175	53	2665m	1.05	ug/L		
36) 2,2-dichloropropane	3.891	77	6969	1.21	ug/L		91
37) cis-1,2-dichloroethene	3.888	96	4416	1.20	ug/L	#	65
38) propionitrile	3.897	54	9957	11.98	ug/L		69
40) bromochloromethane	4.051	128	1742	1.00	ug/L	#	64
42) chloroform	4.096	83	8516	1.44	ug/L		85
45) 1,1,1-trichloroethane	4.241	97	5592	1.14	ug/L		96
46) cyclohexane	4.295	84	6479	1.18	ug/L		90
47) 1,1-dichloropropene	4.346	75	5585	1.16	ug/L		83
48) carbon tetrachloride	4.350	117	5215	1.21	ug/L	#	72
49) isopropyl acetate	4.465	87	1162m	1.17	ug/L		
53) tert-amyl methyl ether	4.549	73	13766	1.23	ug/L		96
54) 2,2,4-trimethylpentane	4.555	57	17029	1.13	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355085.D
Acq On : 29 Apr 2023 6:58 pm
Operator : PrashanS
Sample : IC10779-1
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:48:56 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:20:57 2023
Response via : Initial Calibration

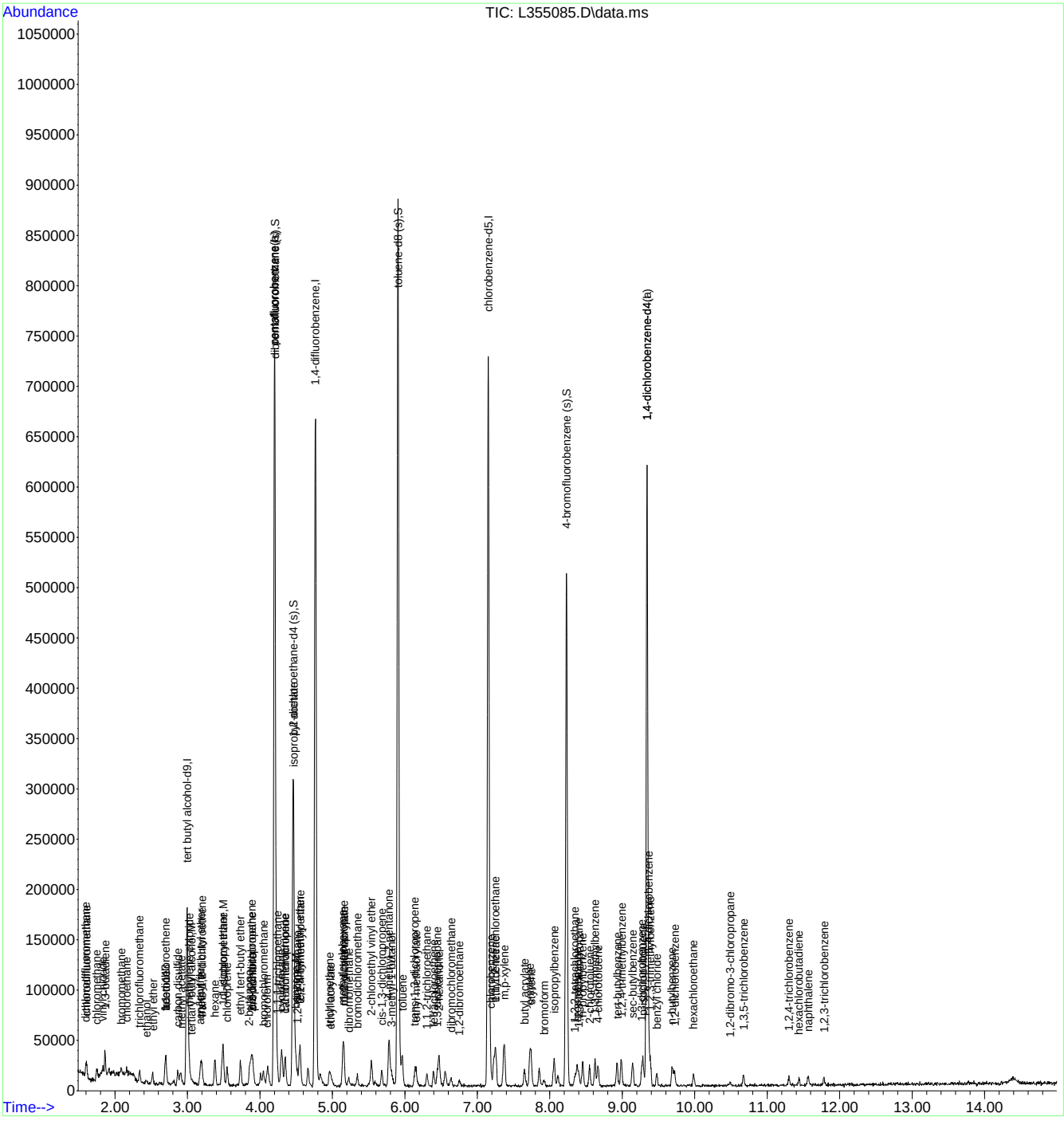
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) benzene	4.494	78	16739	1.22	ug/L		89
58) 1,2-dichloroethane	4.516	62	5850	1.08	ug/L		95
59) trichloroethene	4.959	95	3967	1.03	ug/L		84
60) ethyl acrylate	4.975	55	8693	1.24	ug/L		96
62) 2-chloroethyl vinyl ether	5.537	63	9214	5.39	ug/L		92
63) methyl methacrylate	5.161	100	1218	1.15	ug/L	#	1
64) 1,2-dichloropropane	5.158	63	5232	1.13	ug/L		90
65) methylcyclohexane	5.142	83	8238	1.24	ug/L		88
66) dibromomethane	5.229	93	2797	1.24	ug/L		89
67) bromodichloromethane	5.344	83	5910	1.08	ug/L		90
68) cis-1,3-dichloropropene	5.681	75	7859	1.16	ug/L		90
70) 4-methyl-2-pentanone	5.778	58	11930	5.40	ug/L		98
71) 3-methyl-1-butanol	5.813	70	2556	26.12	ug/L	#	64
74) toluene	5.967	92	9429	1.16	ug/L		83
75) trans-1,3-dichloropropene	6.134	75	6342	0.99	ug/L		93
76) ethyl methacrylate	6.156	69	6591	1.39	ug/L		93
77) 1,1,2-trichloroethane	6.304	83	3701	1.28	ug/L		89
78) 2-hexanone	6.471	58	12197	6.08	ug/L	#	62
79) tetrachloroethene	6.397	166	4050	1.28	ug/L		79
80) 1,3-dichloropropane	6.445	76	6595	1.20	ug/L		98
82) dibromochloromethane	6.641	129	4212	1.16	ug/L		95
83) 1,2-dibromoethane	6.750	107	3959	1.17	ug/L		99
85) chlorobenzene	7.186	112	9383	1.07	ug/L		75
86) 1,1,1,2-tetrachloroethane	7.250	131	3509	1.13	ug/L		88
87) ethylbenzene	7.250	91	17757	1.41	ug/L		94
88) m,p-xylene	7.372	106	13612	2.20	ug/L		94
89) o-xylene	7.725	106	7543	1.22	ug/L	#	73
90) butyl acrylate	7.652	55	11669	1.11	ug/L		90
91) styrene	7.741	104	11215	1.19	ug/L		93
92) bromoform	7.921	173	3277	1.39	ug/L		70
93) isopropylbenzene	8.059	105	18183	1.18	ug/L		92
97) bromobenzene	8.377	156	3766	1.13	ug/L		92
98) 1,1,2,2-tetrachloroethane	8.345	83	5375	1.08	ug/L		88
100) 1,2,3-trichloropropane	8.399	110	1536	1.28	ug/L		92
101) n-propylbenzene	8.451	91	19936	1.13	ug/L		89
102) 2-chlorotoluene	8.553	126	3804	1.12	ug/L	#	80
103) 4-chlorotoluene	8.669	126	3644	1.12	ug/L	#	72
104) 1,3,5-trimethylbenzene	8.624	105	14278	1.14	ug/L		94
105) tert-butylbenzene	8.932	119	11055	1.06	ug/L		86
106) 1,2,4-trimethylbenzene	8.990	105	13658	1.10	ug/L		95
107) sec-butylbenzene	9.144	105	16284	1.09	ug/L		97
108) 1,3-dichlorobenzene	9.269	146	6660	1.18	ug/L		95
109) p-isopropyltoluene	9.288	119	13047	1.12	ug/L		89
110) 1,4-dichlorobenzene	9.365	146	6177	1.08	ug/L		88
111) 1,2,3-trimethylbenzene	9.384	105	12765	1.12	ug/L		93
112) 1,2-dichlorobenzene	9.725	146	6615	1.22	ug/L		96
113) n-butylbenzene	9.683	92	5955m	1.00	ug/L		
114) 1,2-dibromo-3-chloropr...	10.488	157	1189	1.08	ug/L	#	72
115) 1,3,5-trichlorobenzene	10.674	180	3820	1.09	ug/L		90
116) 1,2,4-trichlorobenzene	11.300	180	3002	0.98	ug/L		76
117) hexachlorobutadiene	11.435	225	1294	0.94	ug/L		72
118) naphthalene	11.563	128	7181	0.83	ug/L		86
119) 1,2,3-trichlorobenzene	11.788	180	2582	0.99	ug/L		78
120) hexachloroethane	9.981	119	2198	1.04	ug/L		87
121) benzyl chloride	9.474	91	9225	1.03	ug/L		96

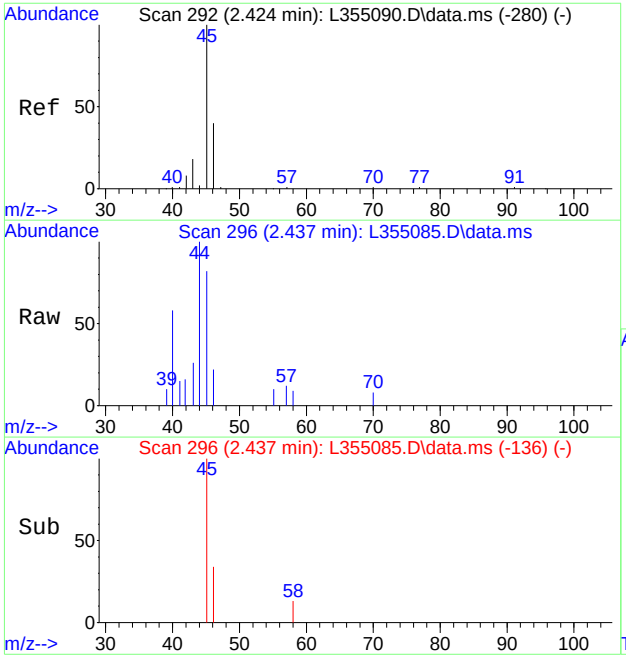
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355085.D
Acq On : 29 Apr 2023 6:58 pm
Operator : PrashanS
Sample : IC10779-1
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:48:56 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:20:57 2023
Response via : Initial Calibration

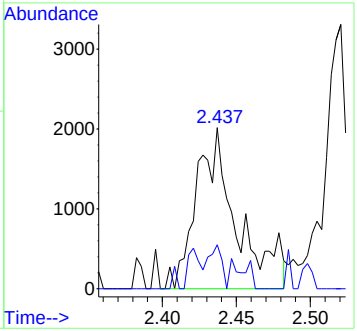


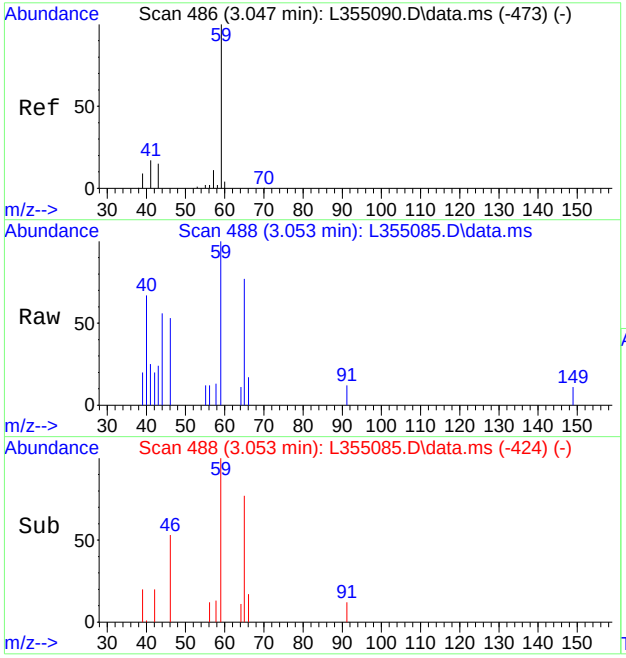


#3
ethanol
Concen: 149.71 ug/L
RT: 2.437 min Scan# 296
Delta R.T. 0.013 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 45 Resp: 3832

Ion	Ratio	Lower	Upper
45	100		
46	27.4	20.0	60.0

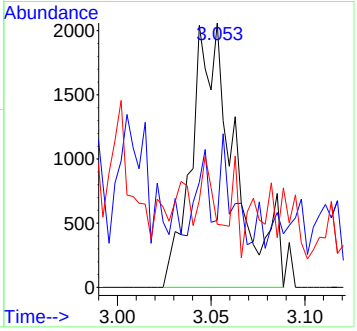


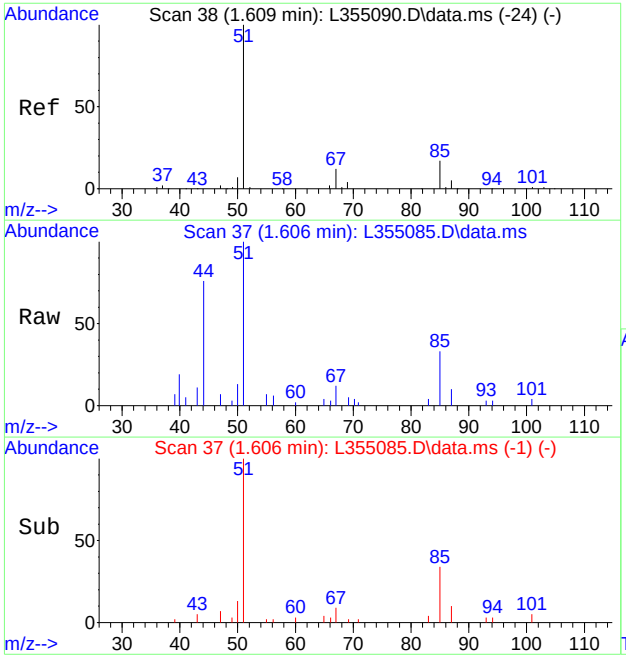


#4
tertiary butyl alcohol
Concen: 5.57 ug/L m
RT: 3.053 min Scan# 488
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 59 Resp: 3287

Ion	Ratio	Lower	Upper
59	100		
41	25.4	0.0	47.4
43	23.8	0.0	44.8

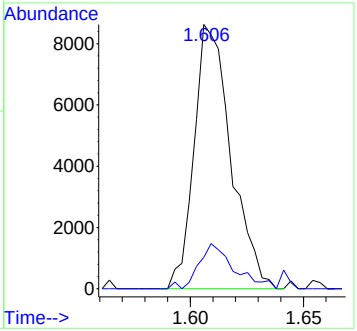


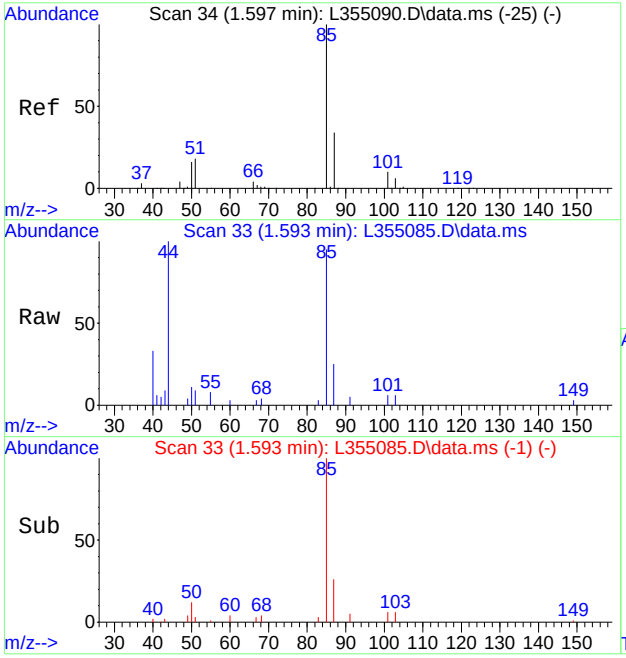


#6
chlorodifluoromethane
Concen: 1.09 ug/L
RT: 1.606 min Scan# 37
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 51 Resp: 9749

Ion	Ratio	Lower	Upper
51	100		
67	11.9	12.4	12.4#

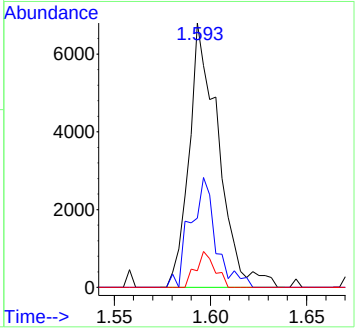


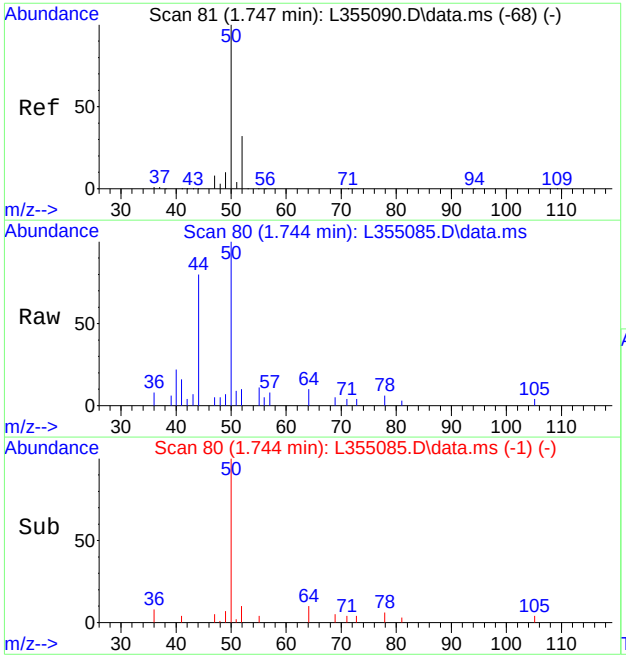


#7
dichlorodifluoromethane
Concen: 1.17 ug/L
RT: 1.593 min Scan# 33
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 85 Resp: 7227

Ion	Ratio	Lower	Upper
85	100		
87	26.2	3.9	63.9
101	6.2	0.0	39.7

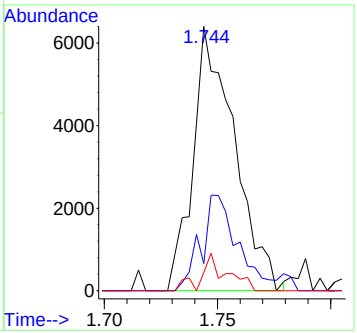


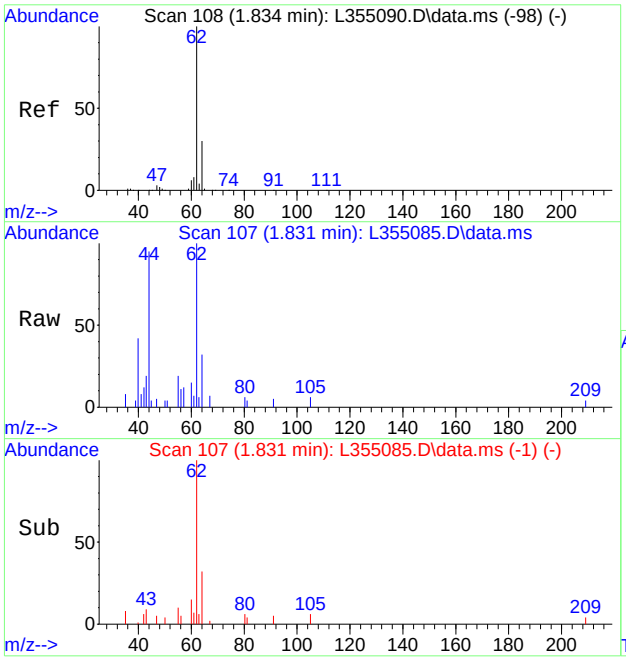


#8
chloromethane
Concen: 1.19 ug/L
RT: 1.744 min Scan# 80
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 50 Resp: 8142

Ion	Ratio	Lower	Upper
50	100		
52	10.3	1.7	61.7
49	6.9	0.0	40.1

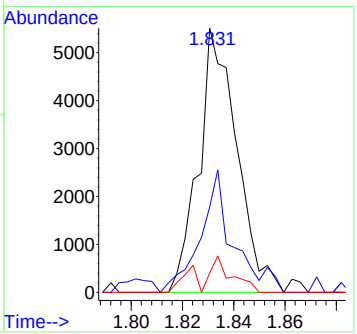


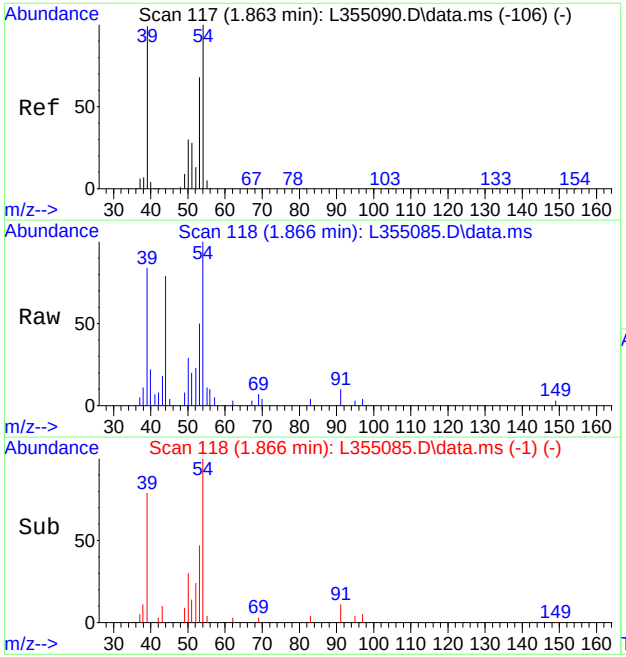


#9
vinyl chloride
Concen: 1.08 ug/L
RT: 1.831 min Scan# 107
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 62 Resp: 5694

Ion	Ratio	Lower	Upper
62	100		
64	32.4	0.0	60.0
61	7.4	0.0	37.5

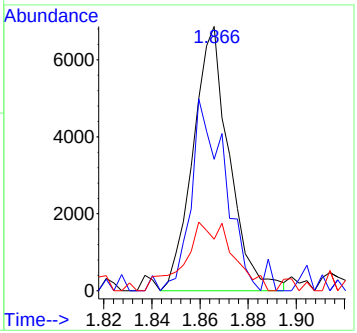


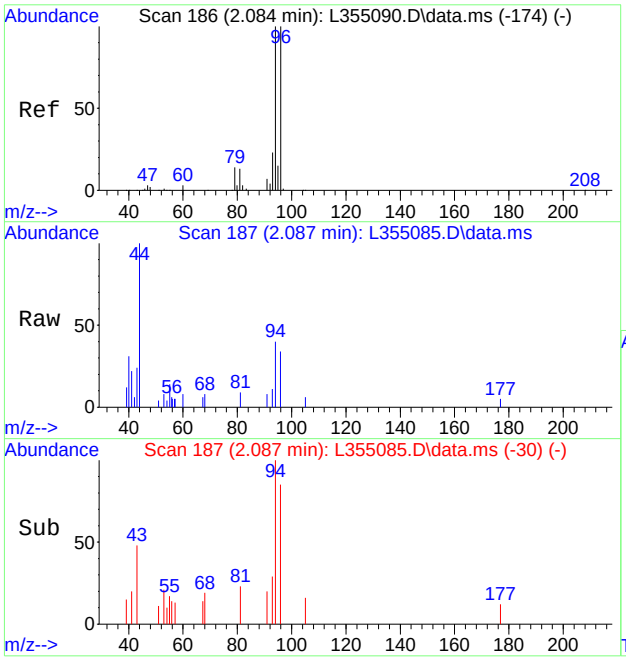


#10
1,3-butadiene
Concen: 1.15 ug/L
RT: 1.866 min Scan# 118
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 54 Resp: 7178

Ion	Ratio	Lower	Upper
54	100		
53	49.7	38.4	98.4
51	15.2	0.0	57.9

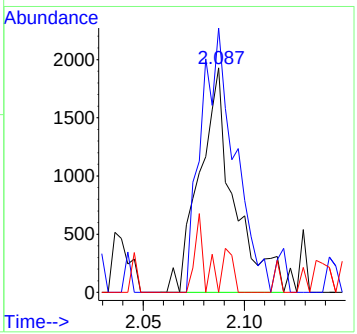


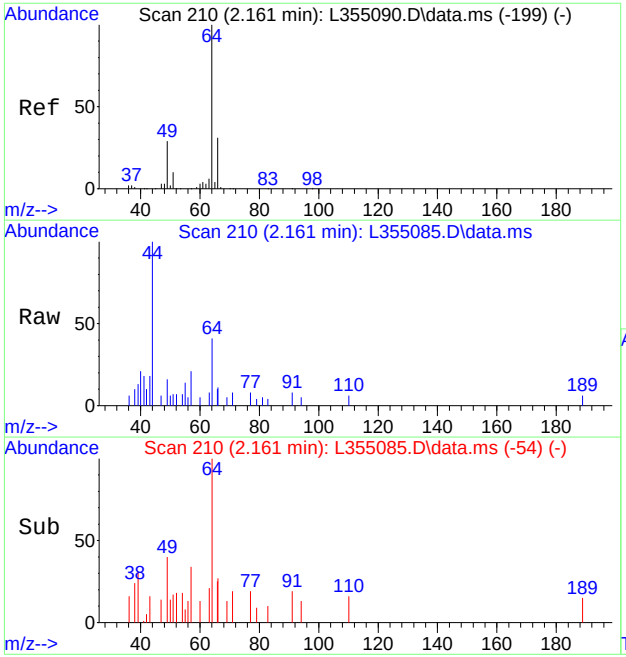


#11
bromomethane
Concen: 1.00 ug/L
RT: 2.087 min Scan# 187
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 96 Resp: 2266

Ion	Ratio	Lower	Upper
96	100		
94	117.7	70.4	130.4
95	0.0	0.0	44.4

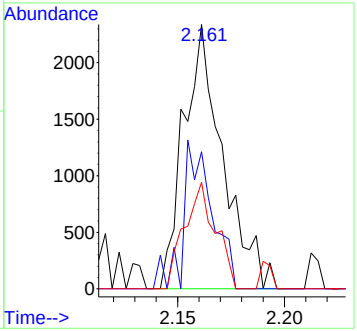


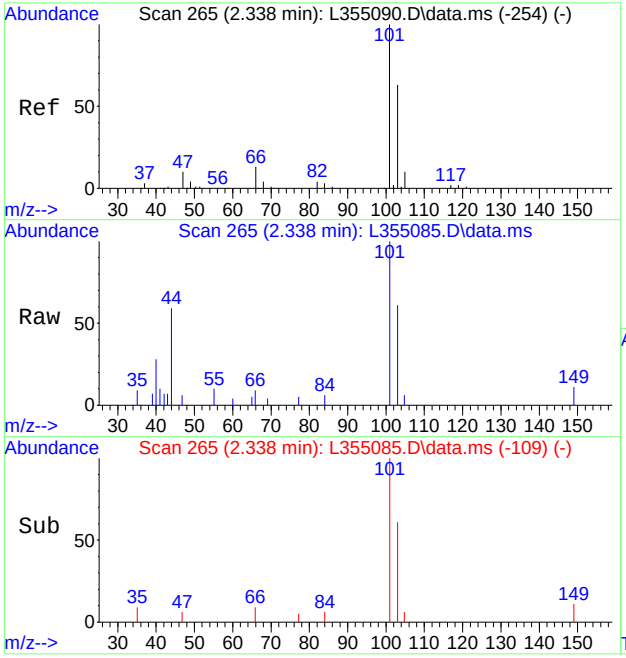


#12
chloroethane
Concen: 1.01 ug/L
RT: 2.161 min Scan# 210
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 64 Resp: 2984

Ion	Ratio	Lower	Upper
64	100		
66	51.8	1.3	61.3
49	40.3	0.0	58.9

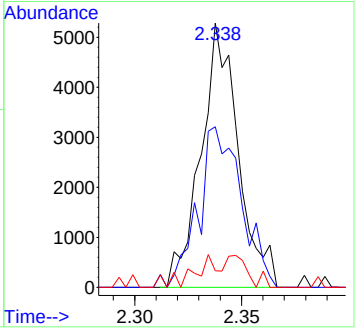


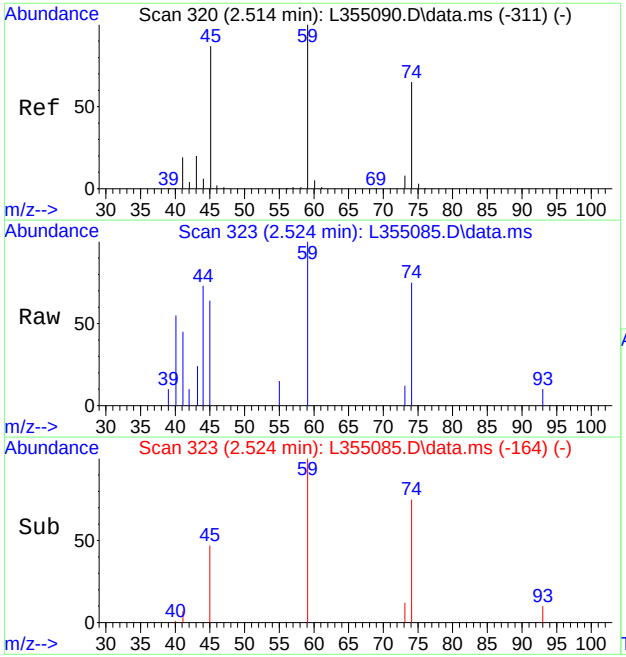


#13
trichlorofluoromethane
Concen: 1.20 ug/L
RT: 2.338 min Scan# 265
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:101 Resp: 6430

Ion	Ratio	Lower	Upper
101	100		
103	60.7	32.9	92.9
105	6.2	0.0	40.4

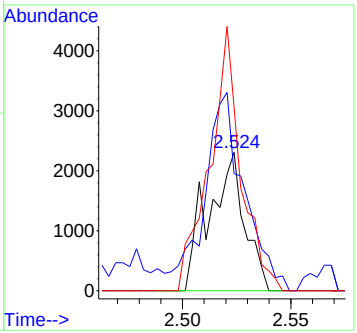


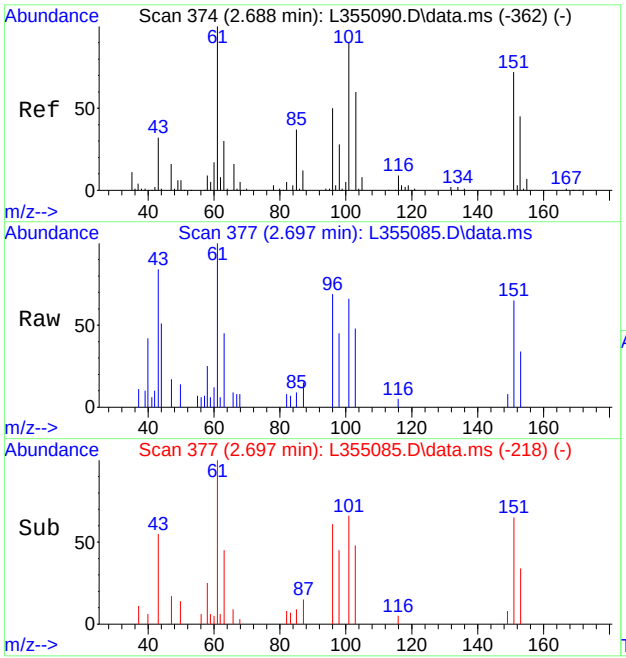


#14
ethyl ether
Concen: 1.12 ug/L m
RT: 2.524 min Scan# 323
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 74 Resp: 2678

Ion	Ratio	Lower	Upper
74	100		
45	84.6	108.0	168.0#
59	132.5	124.3	184.3

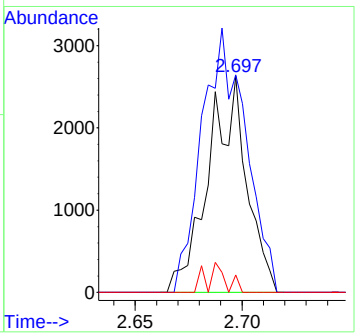


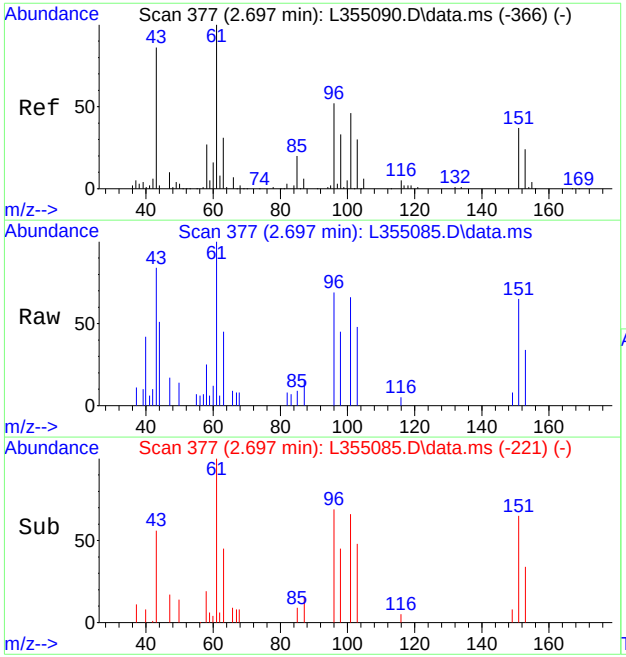


#16
freon 113
Concen: 0.98 ug/L
RT: 2.697 min Scan# 377
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:151 Resp: 3257

Ion	Ratio	Lower	Upper
151	100		
101	100.6	105.0	145.0#
116	8.1	0.0	31.9

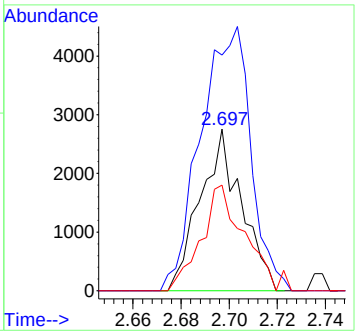


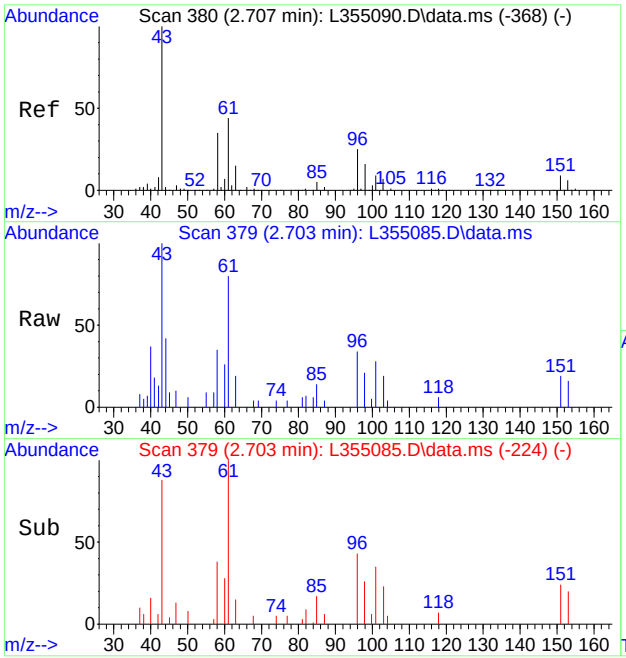


#17
1,1-dichloroethene
Concen: 1.10 ug/L
RT: 2.697 min Scan# 377
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 96 Resp: 3285

Ion	Ratio	Lower	Upper
96	100		
61	145.8	160.9	220.9#
63	65.3	29.9	89.9

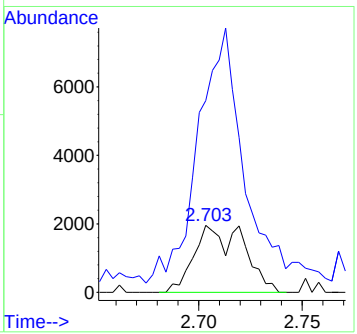


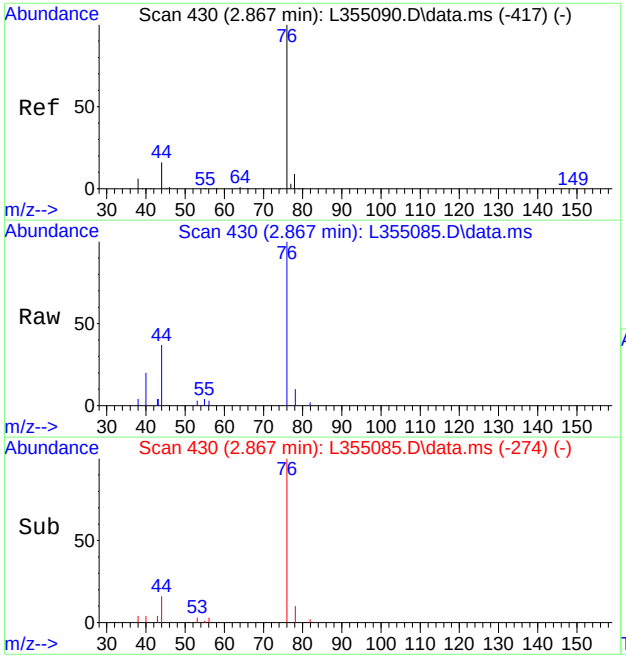


#18
acetone
Concen: 5.57 ug/L m
RT: 2.703 min Scan# 379
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 58 Resp: 3251

Ion	Ratio	Lower	Upper
58	100		
43	286.6	253.7	313.7

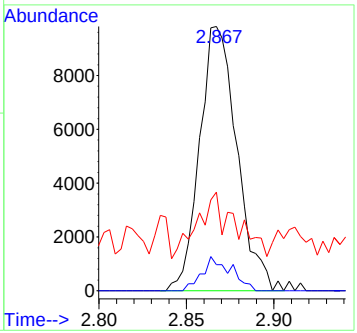


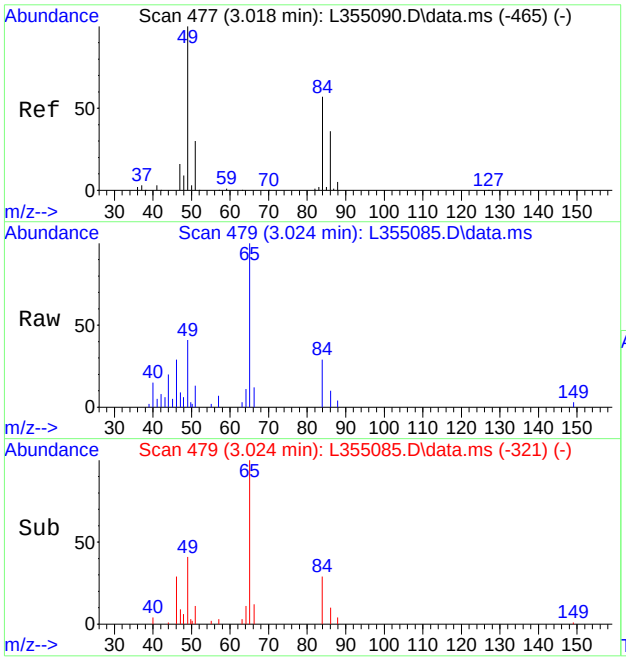


#22
carbon disulfide
Concen: 1.11 ug/L
RT: 2.867 min Scan# 430
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 76 Resp: 14611

Ion	Ratio	Lower	Upper
76	100		
78	9.9	0.0	39.1
44	17.6	0.0	45.8

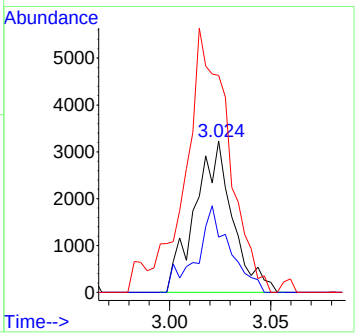


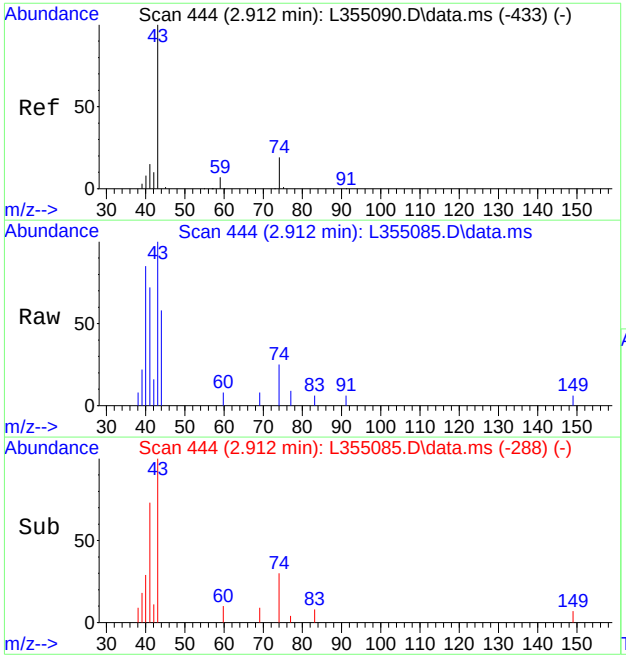


#23
methylene chloride
Concen: 1.07 ug/L
RT: 3.024 min Scan# 479
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 84 Resp: 4194

Ion	Ratio	Lower	Upper
84	100		
86	36.4	33.9	93.9
49	146.2	146.7	206.7#

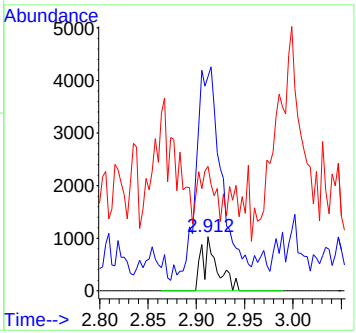


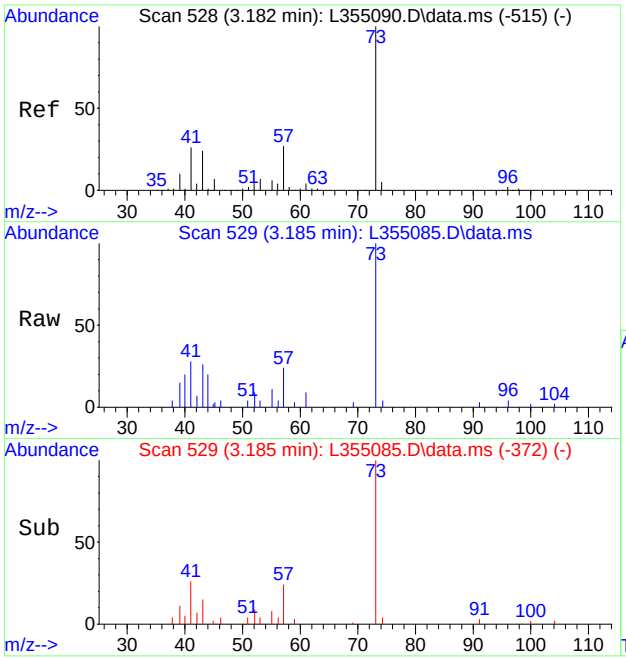


#24
methyl acetate
Concen: 1.26 ug/L m
RT: 2.912 min Scan# 444
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 74 Resp: 1131

Ion	Ratio	Lower	Upper
74	100		
43	395.7	495.9	555.9#
44	229.9	0.0	47.9#

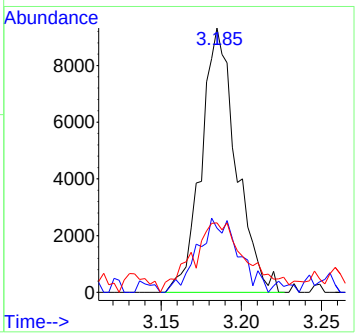


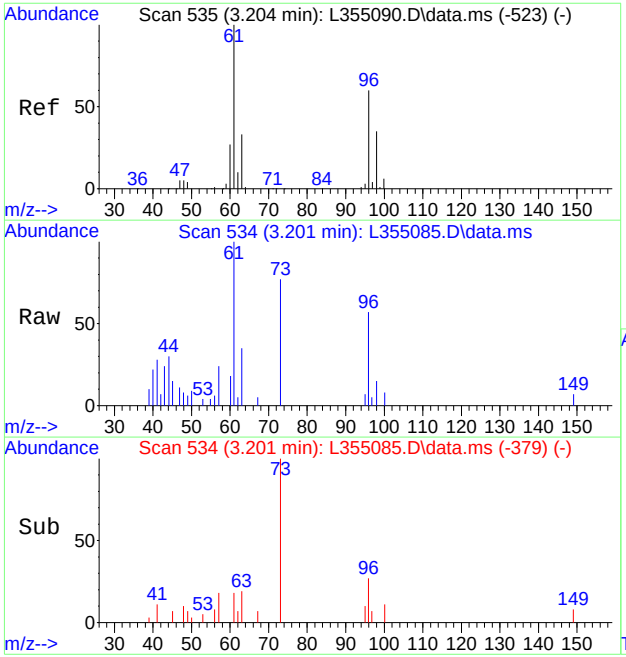


#25
methyl tert butyl ether
Concen: 1.21 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 73 Resp: 14138

Ion	Ratio	Lower	Upper
73	100		
57	24.3	0.0	57.4
43	26.3	0.0	54.2

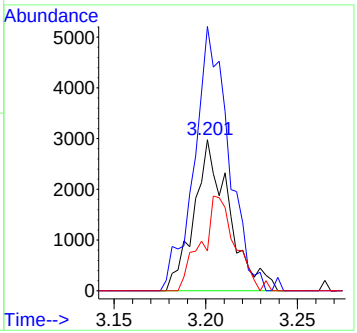


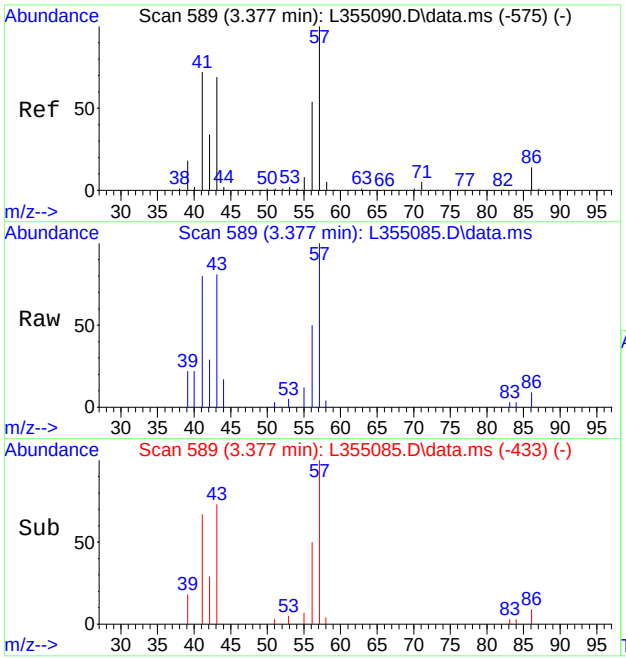


#26
trans-1,2-dichloroethene
Concen: 1.14 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 96 Resp: 3997

Ion	Ratio	Lower	Upper
96	100		
61	175.1	136.4	196.4
98	26.3	28.2	88.2#

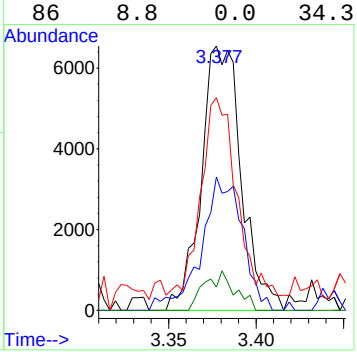


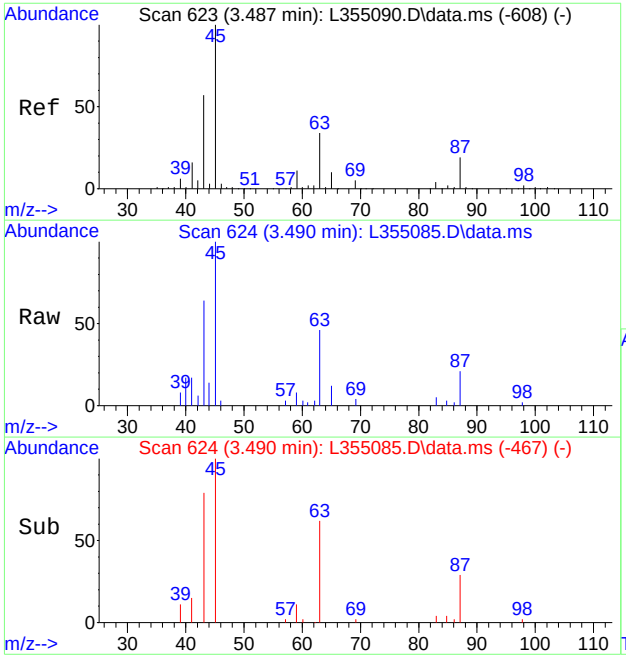


#27
hexane
Concen: 1.17 ug/L
RT: 3.377 min Scan# 589
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 57 Resp: 10450

Ion	Ratio	Lower	Upper
57	100		
56	50.5	33.8	73.8
43	74.8	49.1	89.1
86	8.8	0.0	34.3

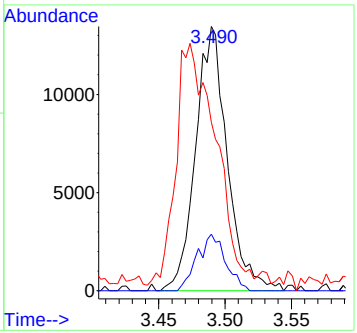


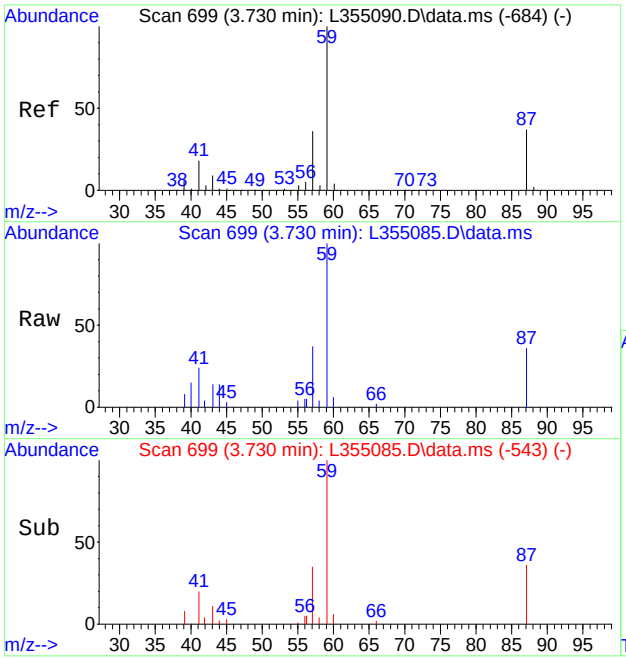


#28
di-isopropyl ether
Concen: 1.27 ug/L
RT: 3.490 min Scan# 624
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 45 Resp: 22336

Ion	Ratio	Lower	Upper
45	100		
87	21.4	0.0	49.3
43	61.3	27.4	87.4

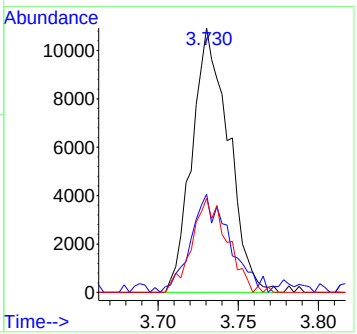


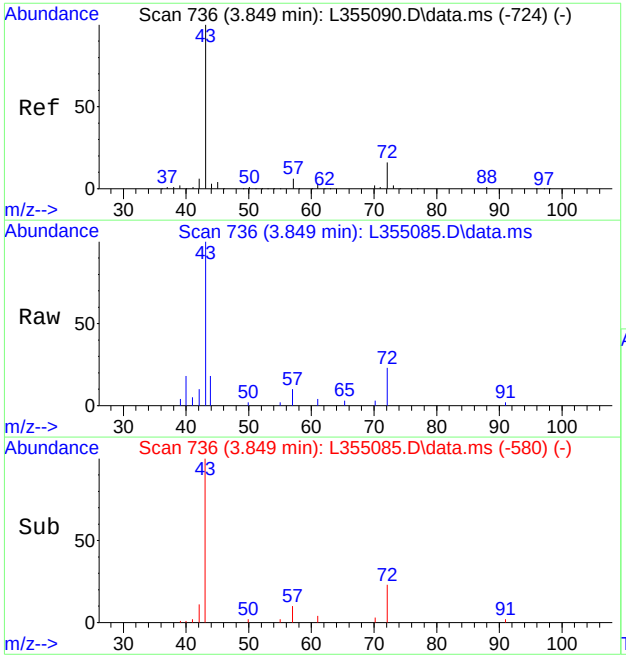


#29
ethyl tert-butyl ether
Concen: 1.17 ug/L
RT: 3.730 min Scan# 699
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 59 Resp: 17321

Ion	Ratio	Lower	Upper
59	100		
57	37.1	5.9	65.9
87	35.5	6.7	66.7

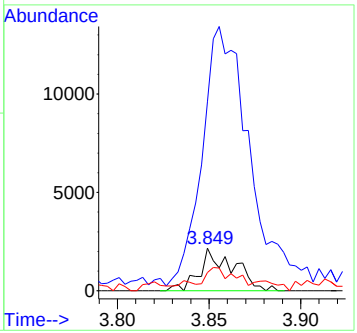


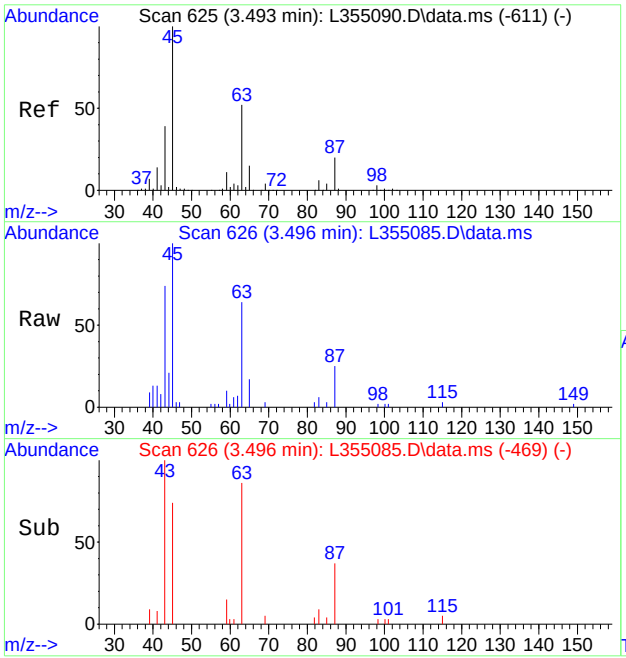


#30
2-butanone
Concen: 4.85 ug/L
RT: 3.849 min Scan# 736
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 72 Resp: 2797

Ion	Ratio	Lower	Upper
72	100		
43	414.2	604.7	664.7#
57	30.5	10.0	70.0

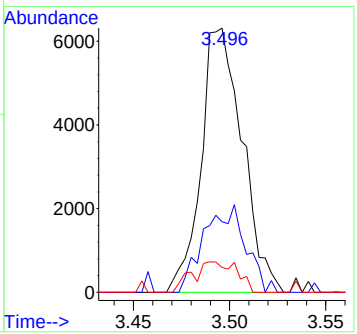


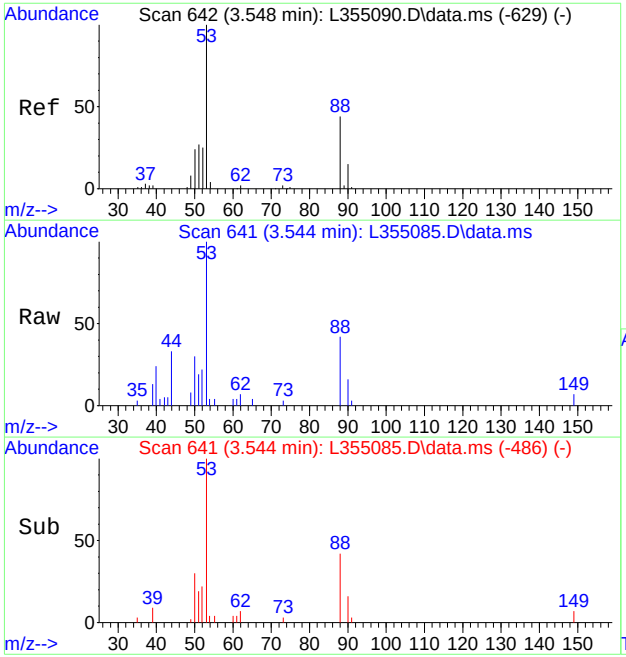


#31
1,1-dichloroethane
Concen: 1.27 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 63 Resp: 9423

Ion	Ratio	Lower	Upper
63	100		
65	26.7	0.0	59.0
83	9.5	0.0	41.4

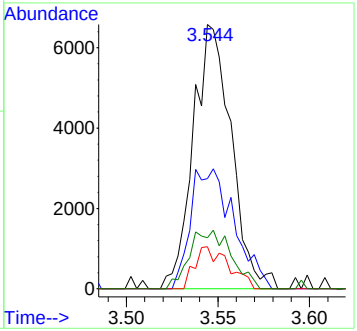


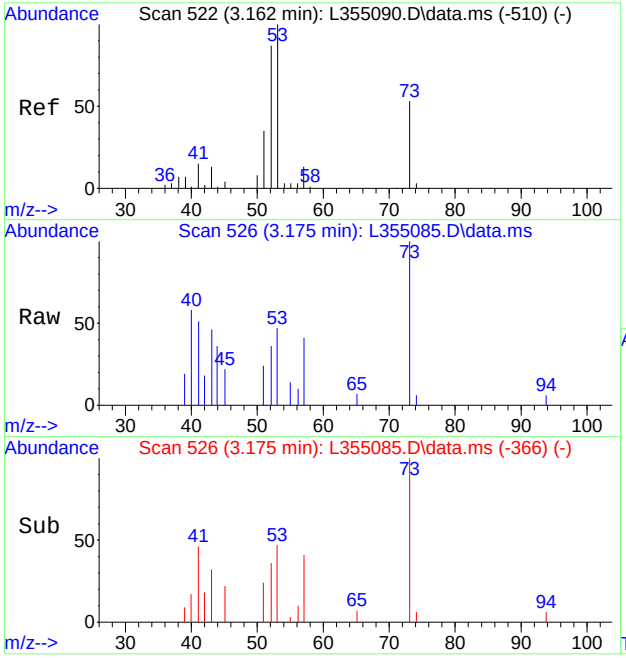


#32
chloroprene
Concen: 1.18 ug/L
RT: 3.544 min Scan# 641
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 53 Resp: 9534

Ion	Ratio	Lower	Upper
53	100		
88	41.7	14.5	74.5
90	16.0	0.0	45.2
51	19.3	0.0	57.4

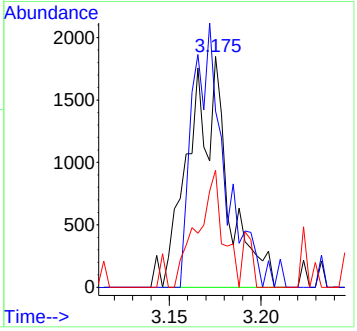


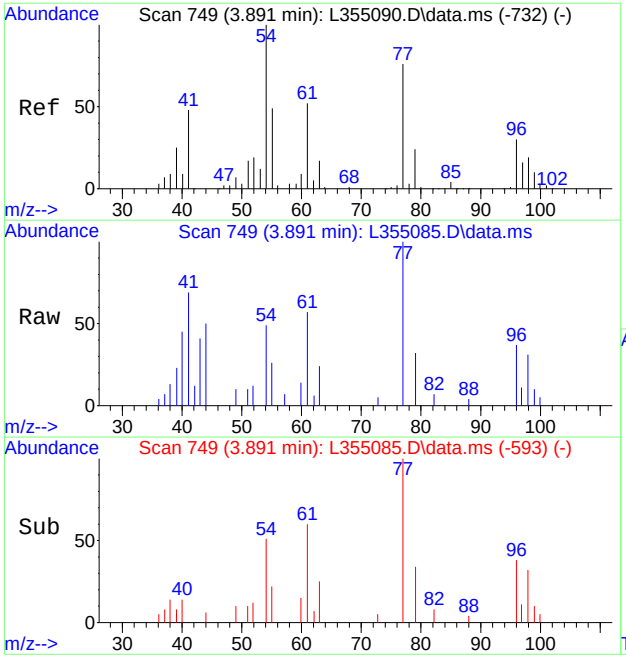


#33
acrylonitrile
Concen: 1.05 ug/L m
RT: 3.175 min Scan# 526
Delta R.T. 0.013 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 53 Resp: 2665

Ion	Ratio	Lower	Upper
53	100		
52	76.4	57.3	117.3
51	50.8	5.3	65.3

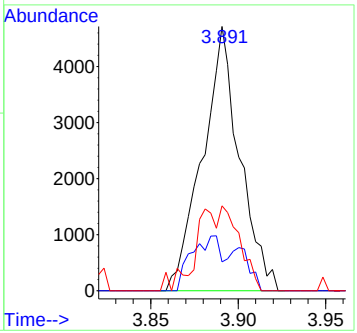


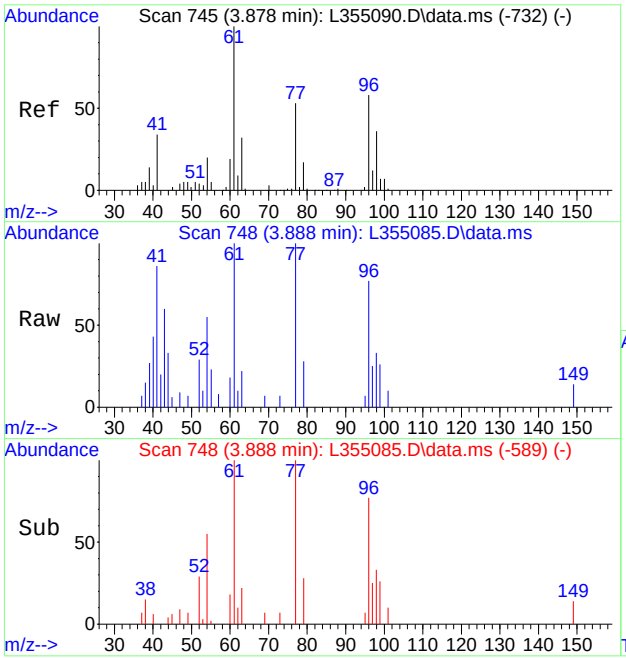


#36
2,2-dichloropropane
Concen: 1.21 ug/L
RT: 3.891 min Scan# 749
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 77 Resp: 6969

Ion	Ratio	Lower	Upper
77	100		
97	10.9	0.0	51.0
79	32.1	1.4	61.4

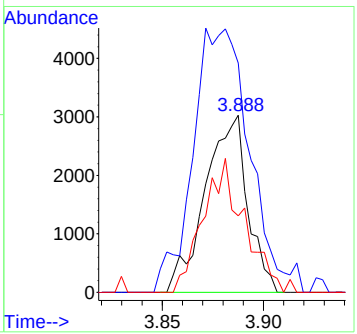


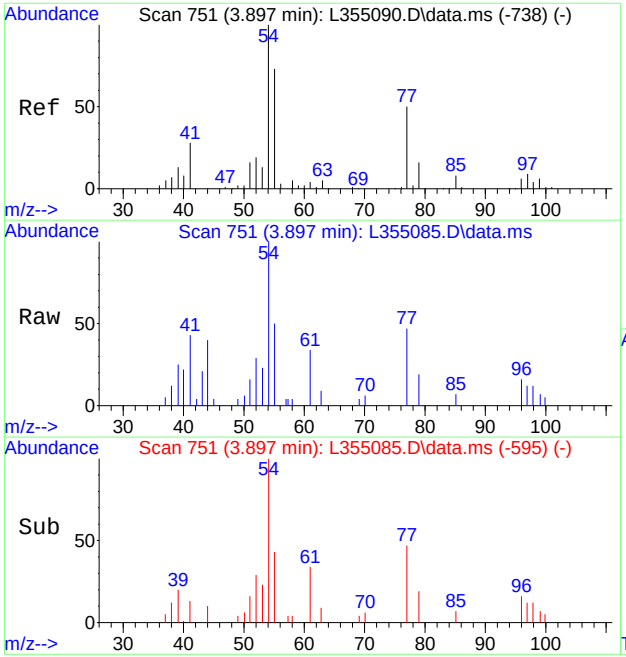


#37
cis-1,2-dichloroethene
Concen: 1.20 ug/L
RT: 3.888 min Scan# 748
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 96 Resp: 4416

Ion	Ratio	Lower	Upper
96	100		
61	118.3	141.8	201.8#
98	43.3	32.2	92.2

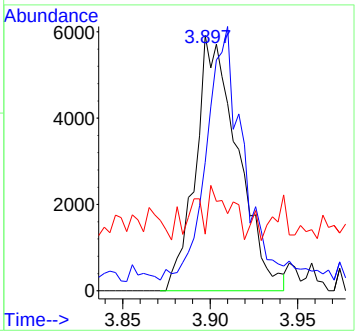


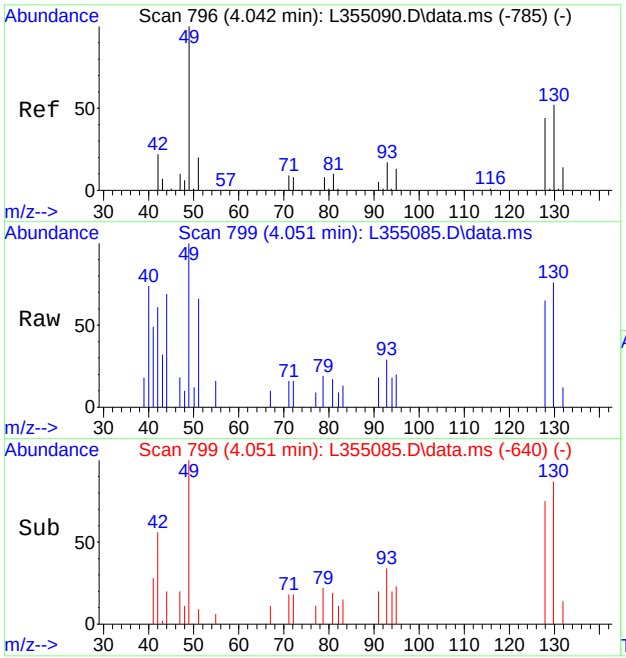


#38
propionitrile
Concen: 11.98 ug/L
RT: 3.897 min Scan# 751
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 54 Resp: 9957

Ion	Ratio	Lower	Upper
54	100		
55	46.1	43.2	103.2
40	0.0	0.0	38.0

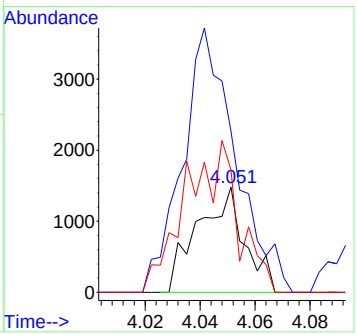


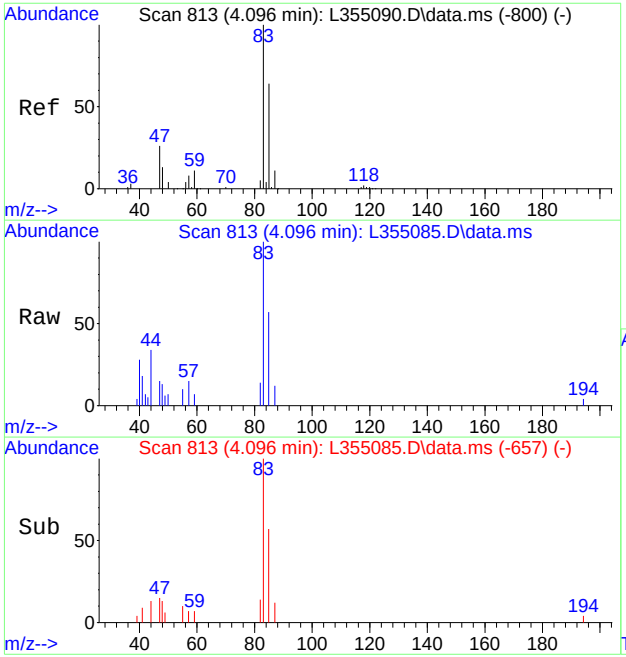


#40
bromochloromethane
Concen: 1.00 ug/L
RT: 4.051 min Scan# 799
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:128 Resp: 1742

Ion	Ratio	Lower	Upper
128	100		
49	138.8	196.9	256.9#
130	116.0	87.7	147.7

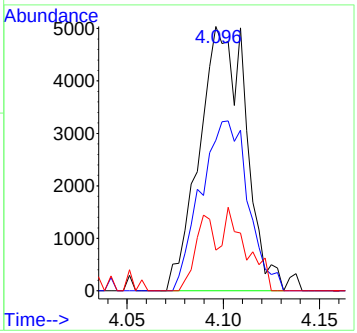


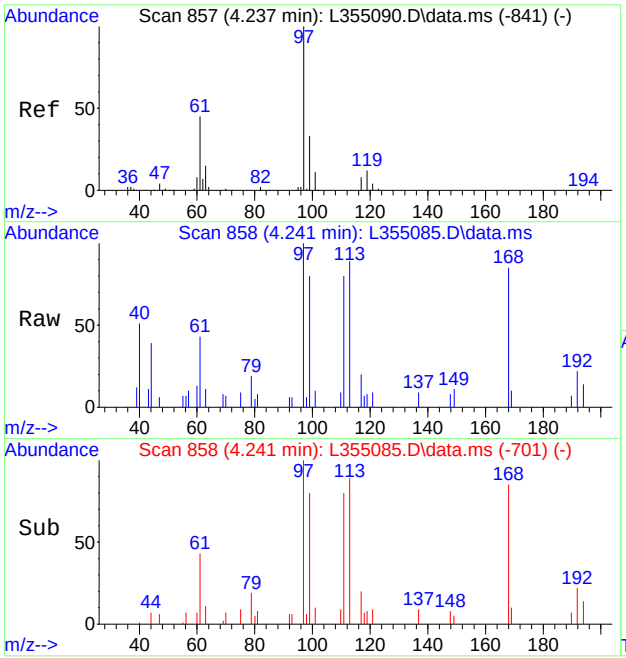


#42
chloroform
Concen: 1.44 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 83 Resp: 8516

Ion	Ratio	Lower	Upper
83	100		
85	57.0	34.3	94.3
47	15.4	0.0	59.3

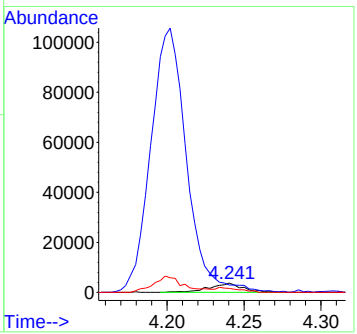


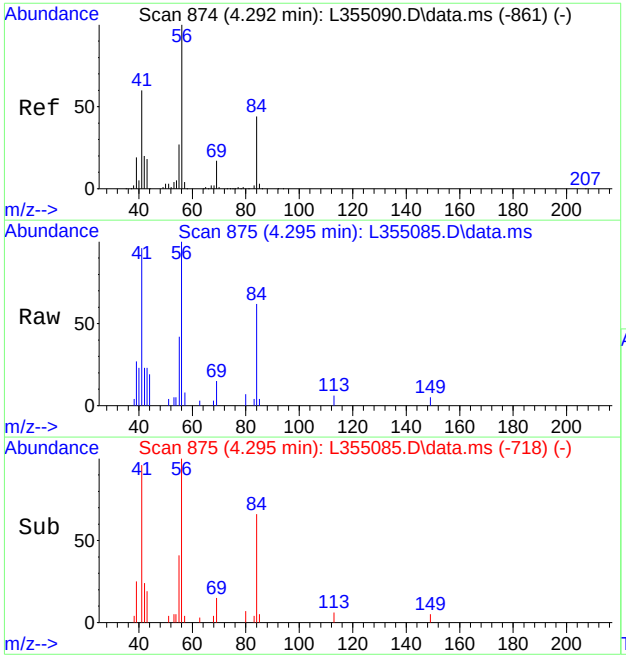


#45
1,1,1-trichloroethane
Concen: 1.14 ug/L
RT: 4.241 min Scan# 858
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 97 Resp: 5592

Ion	Ratio	Lower	Upper
97	100		
99	66.8	33.3	93.3
61	42.9	14.9	74.9

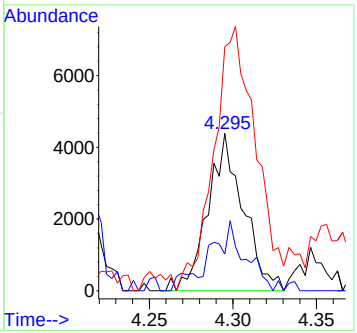


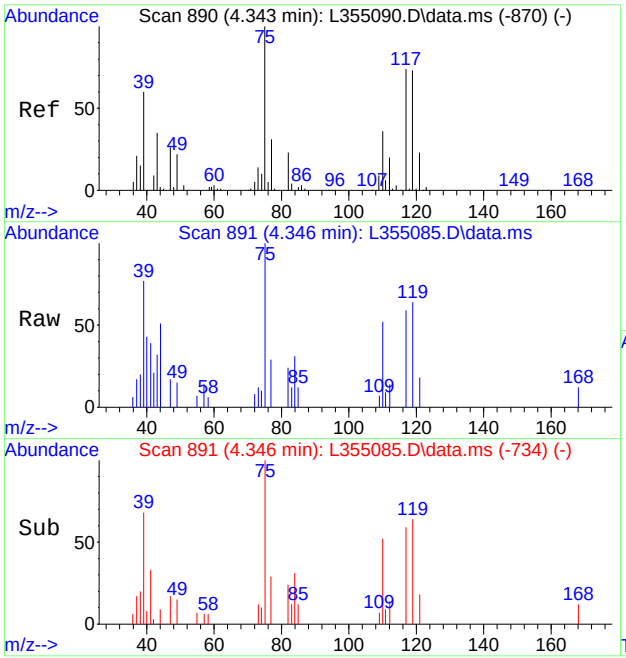


#46
cyclohexane
Concen: 1.18 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 84 Resp: 6479

Ion	Ratio	Lower	Upper
84	100		
69	23.4	17.8	57.8
41	144.4	116.7	156.7

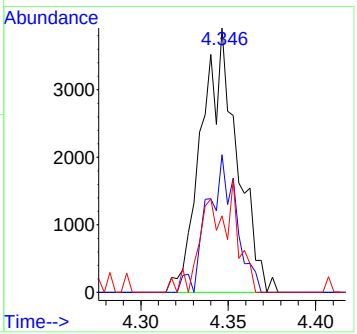


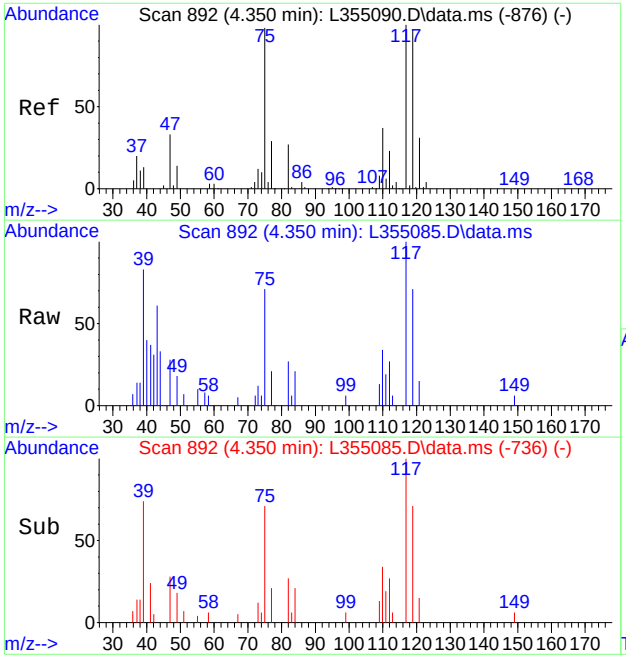


#47
1,1-dichloropropene
Concen: 1.16 ug/L
RT: 4.346 min Scan# 891
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 75 Resp: 5585

Ion	Ratio	Lower	Upper
75	100		
110	52.1	15.8	55.8
77	29.0	11.6	51.6

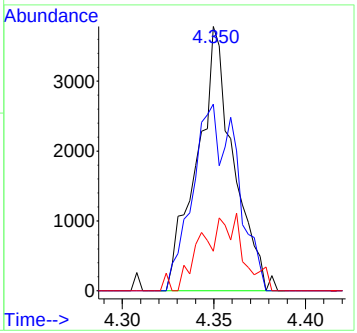


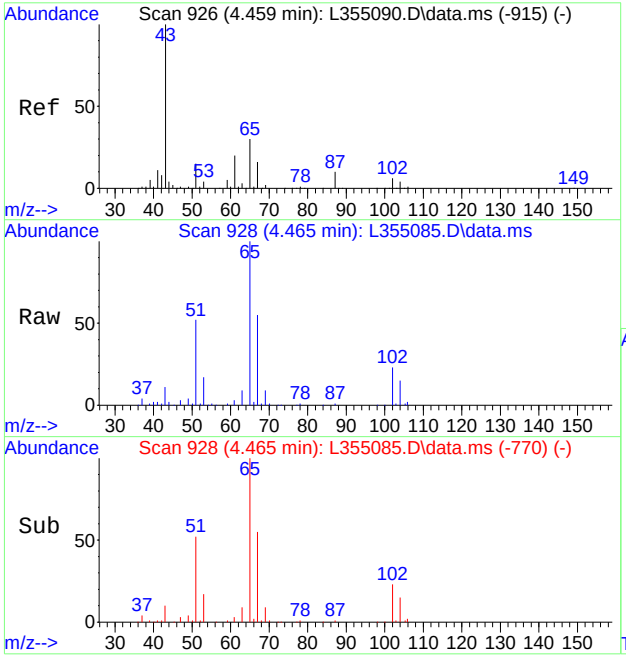


#48
carbon tetrachloride
Concen: 1.21 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:117 Resp: 5215

Ion	Ratio	Lower	Upper
117	100		
119	70.6	77.1	117.1#
121	14.9	11.1	51.1

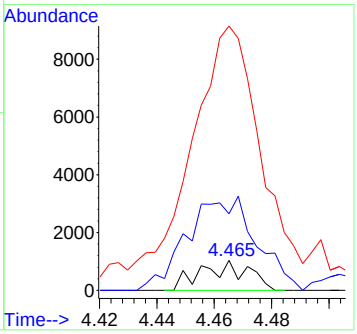


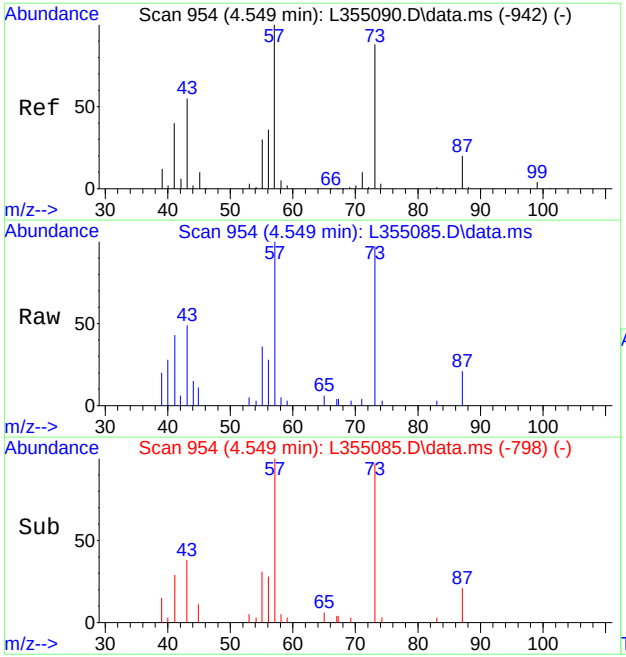


#49
isopropyl acetate
Concen: 1.17 ug/L m
RT: 4.465 min Scan# 928
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 87 Resp: 1162

Ion	Ratio	Lower	Upper
87	100		
61	254.9	185.6	225.6#
43	881.7	1029.1	1089.1#

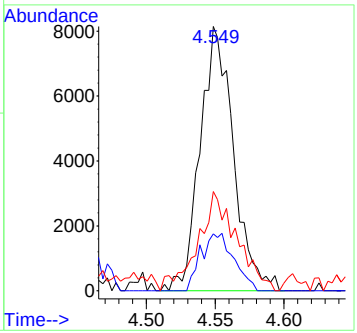


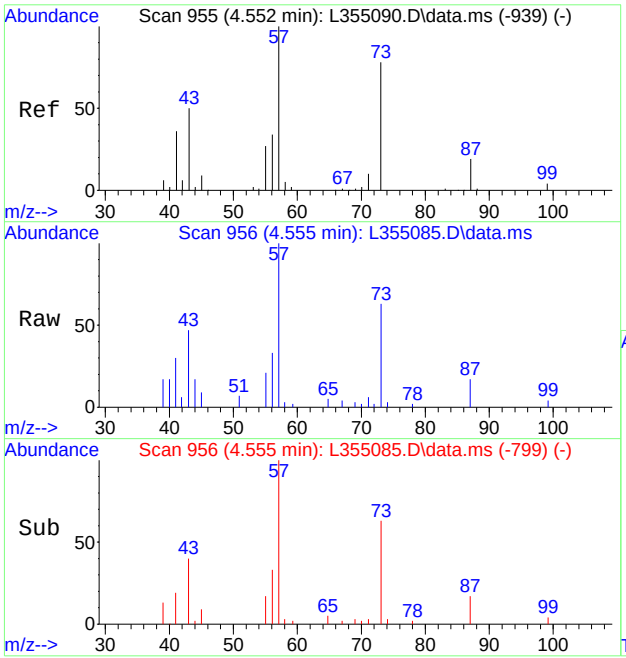


#53
tert-amyl methyl ether
Concen: 1.23 ug/L
RT: 4.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 73 Resp: 13766

Ion	Ratio	Lower	Upper
73	100		
87	21.6	2.5	42.5
55	37.5	14.1	54.1

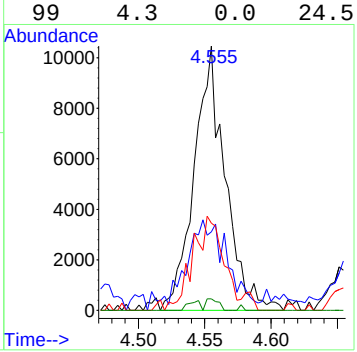


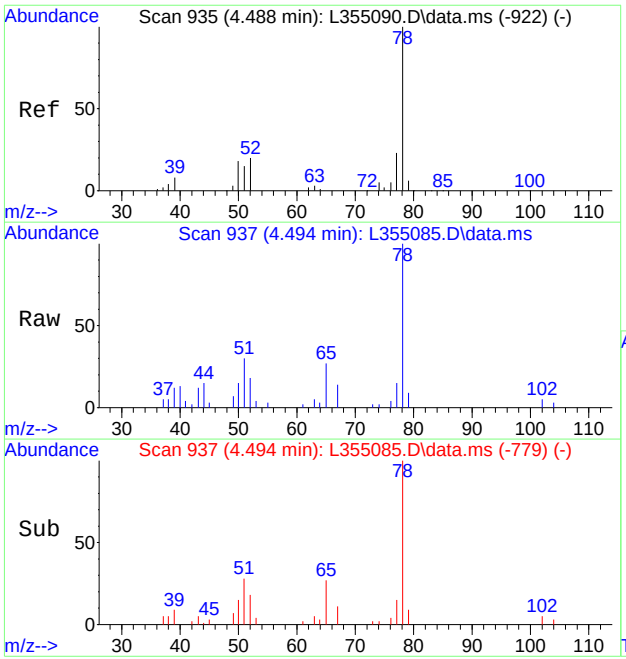


#54
2,2,4-trimethylpentane
Concen: 1.13 ug/L
RT: 4.555 min Scan# 956
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 57 Resp: 17029

Ion	Ratio	Lower	Upper
57	100		
41	32.6	15.5	55.5
56	32.9	14.0	54.0
99	4.3	0.0	24.5

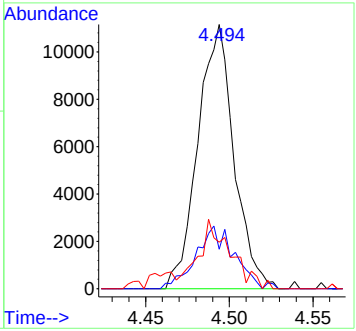


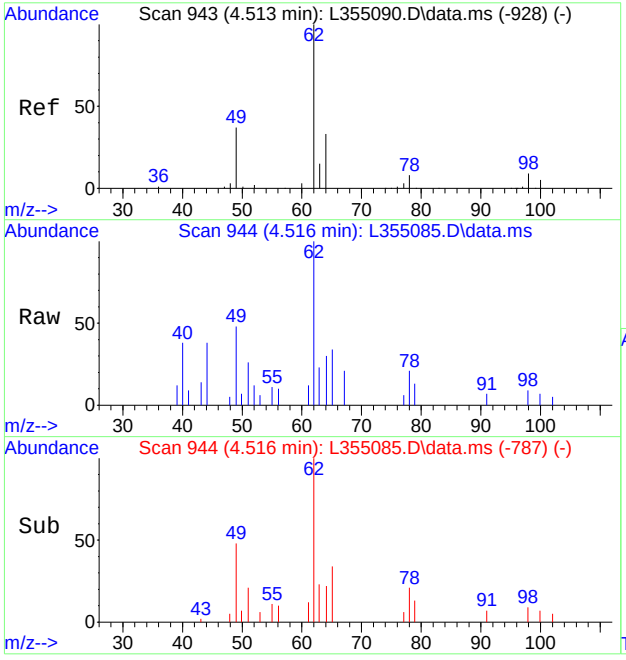


#56
benzene
Concen: 1.22 ug/L
RT: 4.494 min Scan# 937
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 78 Resp: 16739

Ion	Ratio	Lower	Upper
78	100		
77	15.0	0.0	53.0
52	17.6	0.0	50.0

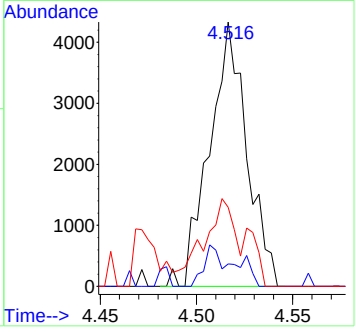


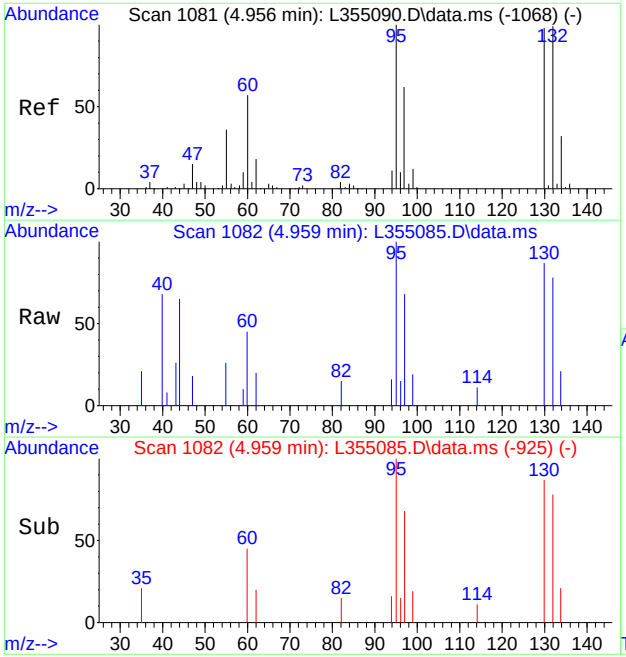


#58
1,2-dichloroethane
Concen: 1.08 ug/L
RT: 4.516 min Scan# 944
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 62 Resp: 5850

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	39.1
64	29.9	2.9	62.9

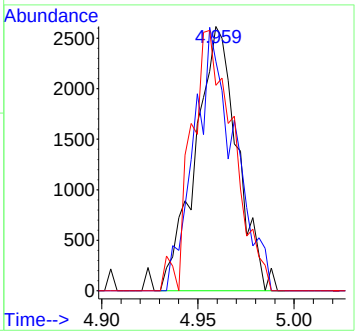


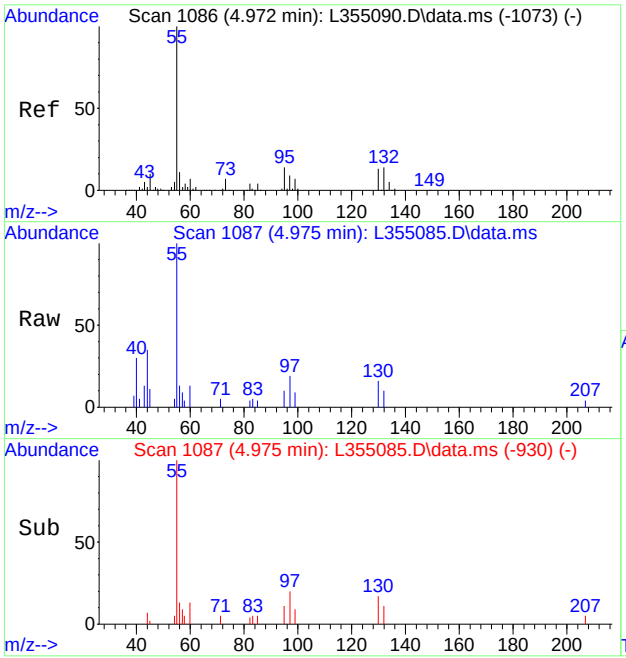


#59
trichloroethene
Concen: 1.03 ug/L
RT: 4.959 min Scan# 1082
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 95 Resp: 3967

Ion	Ratio	Lower	Upper
95	100		
130	86.9	68.4	128.4
132	77.7	68.7	128.7

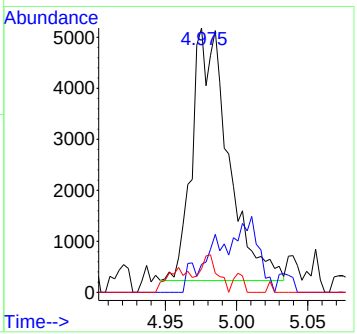


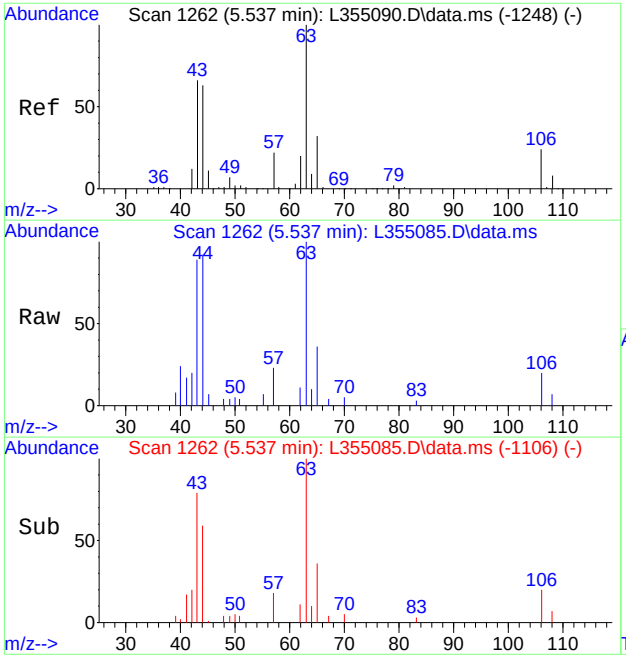


#60
ethyl acrylate
Concen: 1.24 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 55 Resp: 8693

Ion	Ratio	Lower	Upper
55	100		
45	11.2	0.0	30.3
99	9.4	0.0	27.2

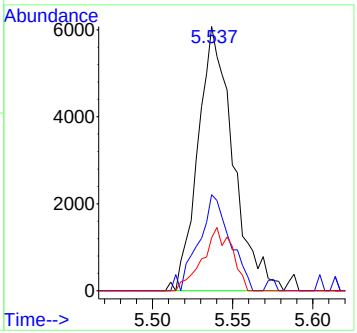


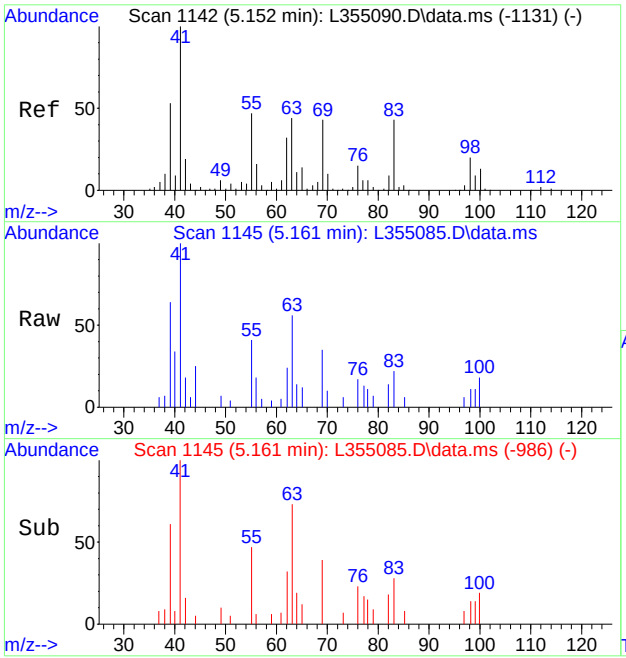


#62
2-chloroethyl vinyl ether
Concen: 5.39 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 63 Resp: 9214

Ion	Ratio	Lower	Upper
63	100		
65	36.4	2.0	62.0
106	20.1	0.0	53.7

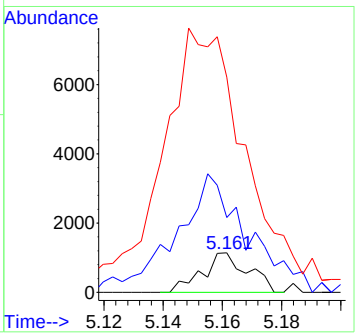


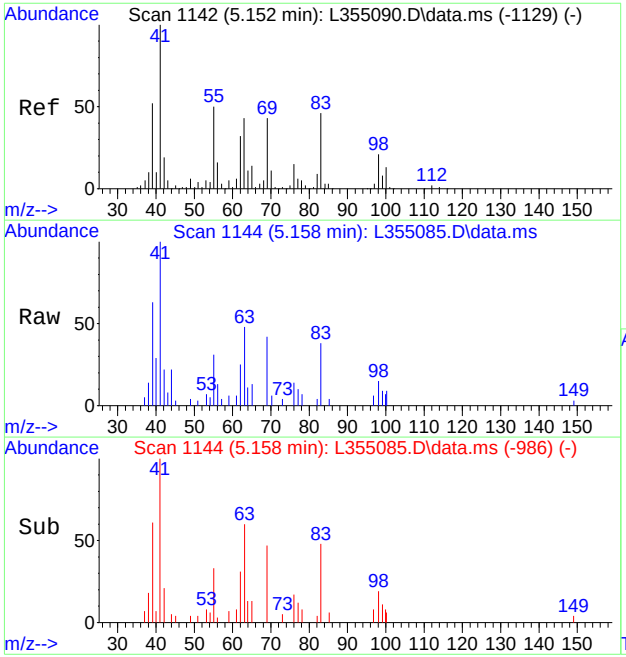


#63
methyl methacrylate
Concen: 1.15 ug/L
RT: 5.161 min Scan# 1145
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:100 Resp: 1218

Ion	Ratio	Lower	Upper
100	100		
69	109.0	303.9	363.9#
41	400.1	748.3	808.3#

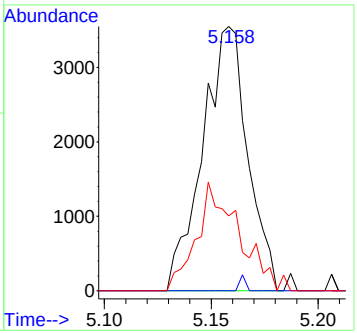


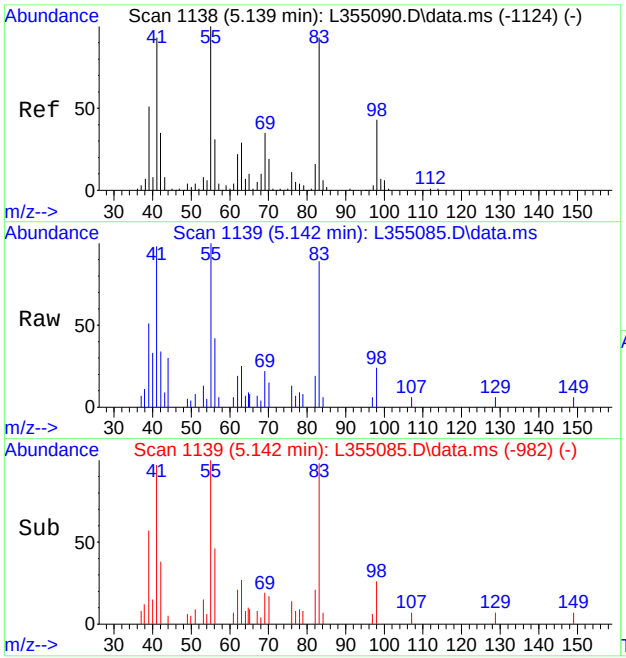


#64
1,2-dichloropropane
Concen: 1.13 ug/L
RT: 5.158 min Scan# 1144
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 63 Resp: 5232

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	33.9
76	28.3	3.9	63.9

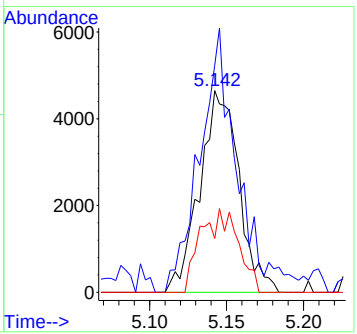


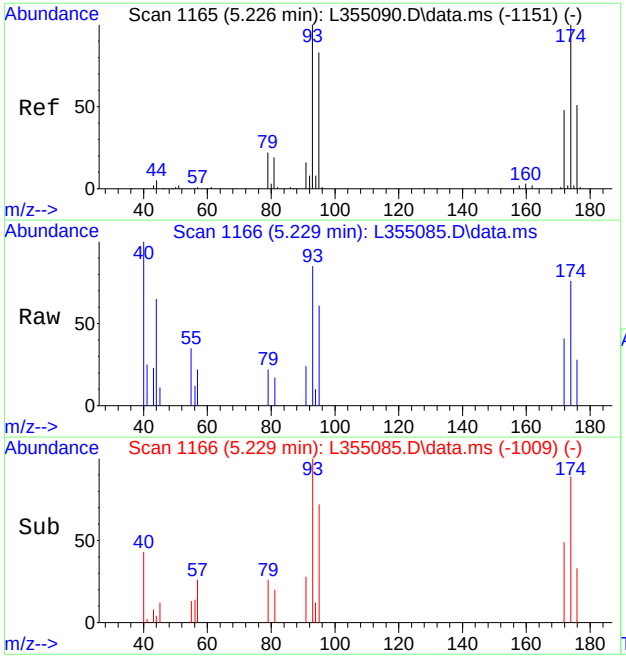


#65
methylcyclohexane
Concen: 1.24 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 83 Resp: 8238

Ion	Ratio	Lower	Upper
83	100		
55	112.4	77.0	137.0
98	26.7	16.0	76.0

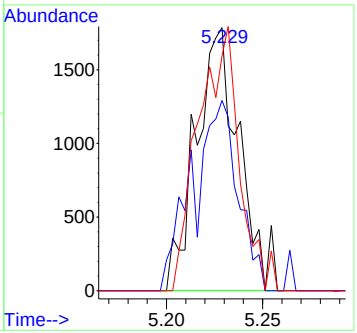


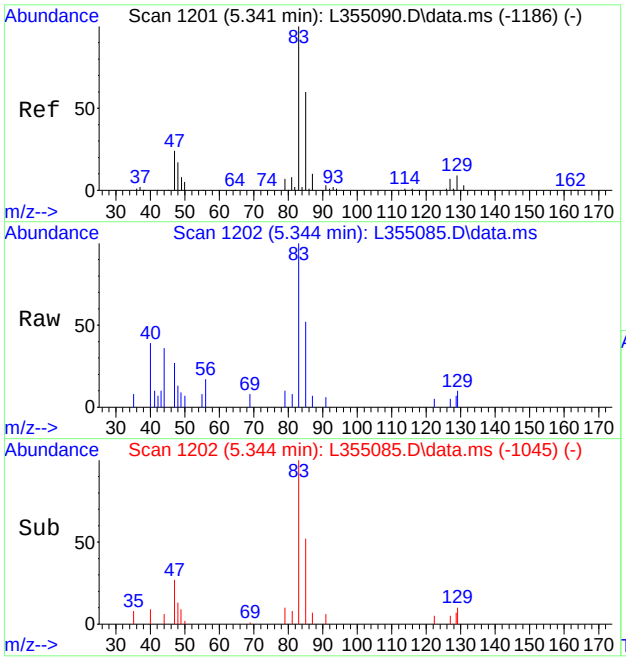


#66
dibromomethane
Concen: 1.24 ug/L
RT: 5.229 min Scan# 1166
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 93 Resp: 2797

Ion	Ratio	Lower	Upper
93	100		
95	72.3	52.7	112.7
174	89.3	70.1	130.1

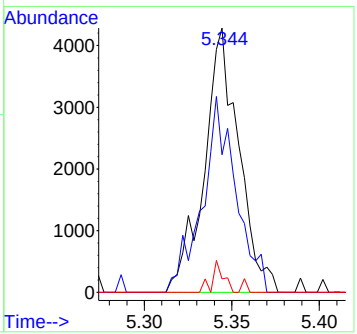


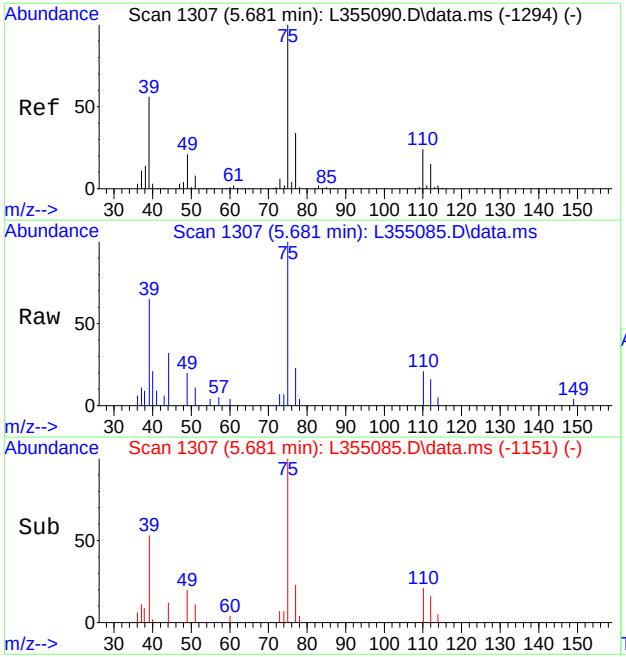


#67
bromodichloromethane
Concen: 1.08 ug/L
RT: 5.344 min Scan# 1202
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 83 Resp: 5910

Ion	Ratio	Lower	Upper
83	100		
85	52.1	30.1	90.1
127	5.1	0.0	37.3

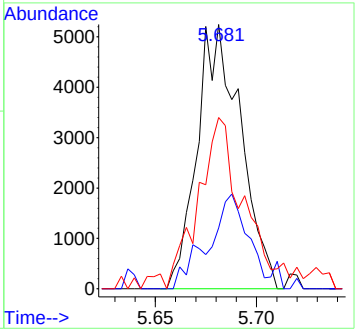


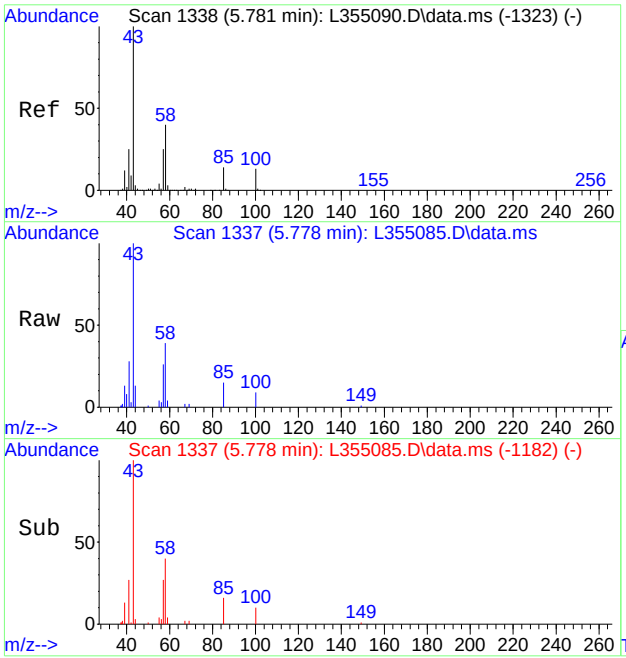


#68
cis-1,3-dichloropropene
Concen: 1.16 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 75 Resp: 7859

Ion	Ratio	Lower	Upper
75	100		
77	23.0	4.0	64.0
39	59.1	25.8	85.8

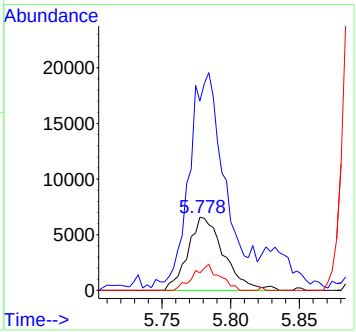


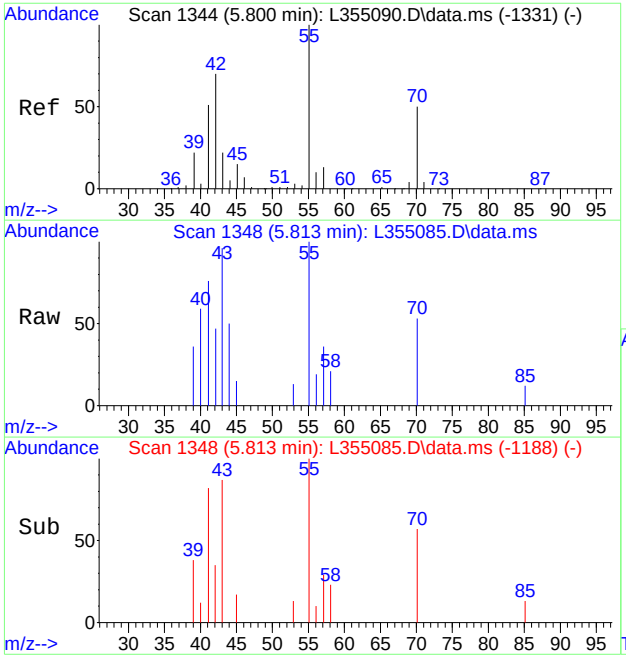


#70
4-methyl-2-pentanone
Concen: 5.40 ug/L
RT: 5.778 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 58 Resp: 11930

Ion	Ratio	Lower	Upper
58	100		
43	246.3	227.9	267.9
100	23.6	11.2	51.2

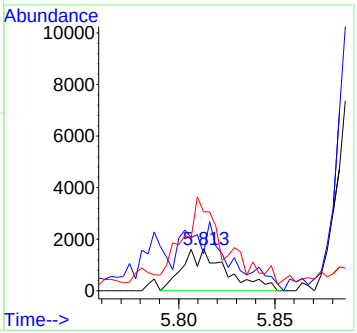


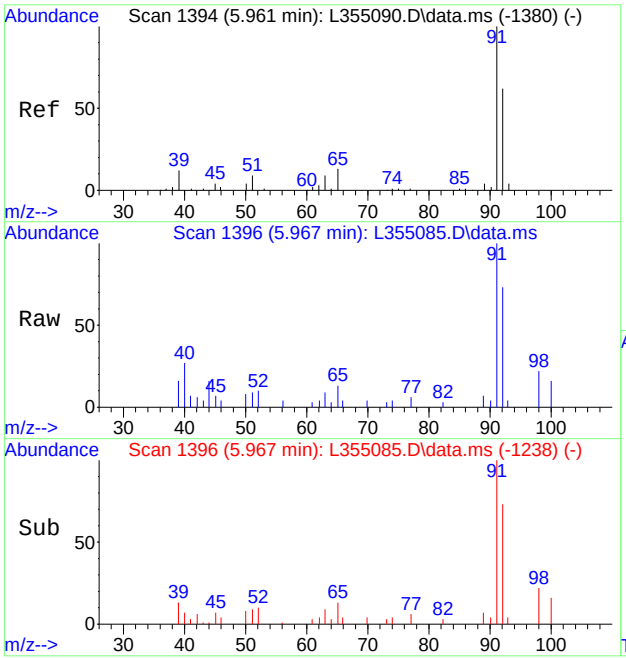


#71
3-methyl-1-butanol
Concen: 26.12 ug/L
RT: 5.813 min Scan# 1348
Delta R.T. 0.013 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 70 Resp: 2556

Ion	Ratio	Lower	Upper
70	100		
42	88.1	131.6	171.6#
55	161.7	180.2	220.2#

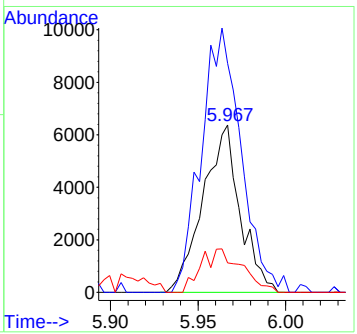


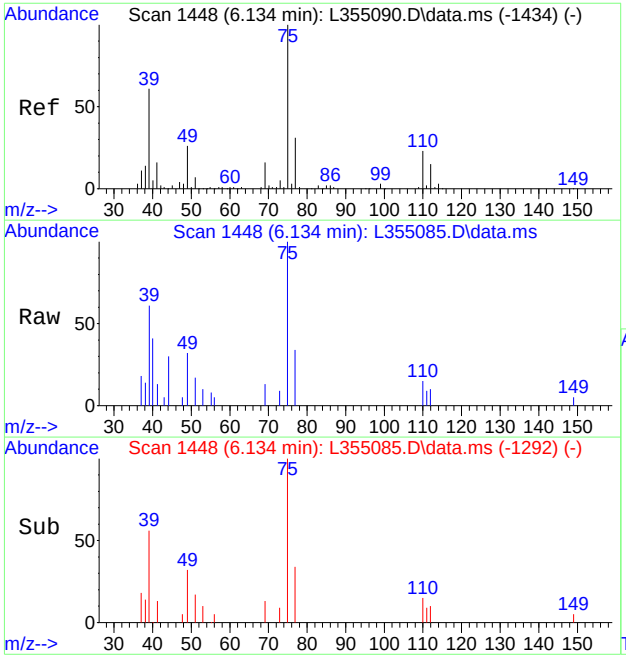


#74
toluene
Concen: 1.16 ug/L
RT: 5.967 min Scan# 1396
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 92 Resp: 9429

Ion	Ratio	Lower	Upper
92	100		
91	136.9	130.7	190.7
65	17.6	0.0	51.2

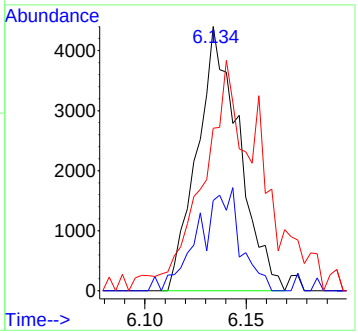


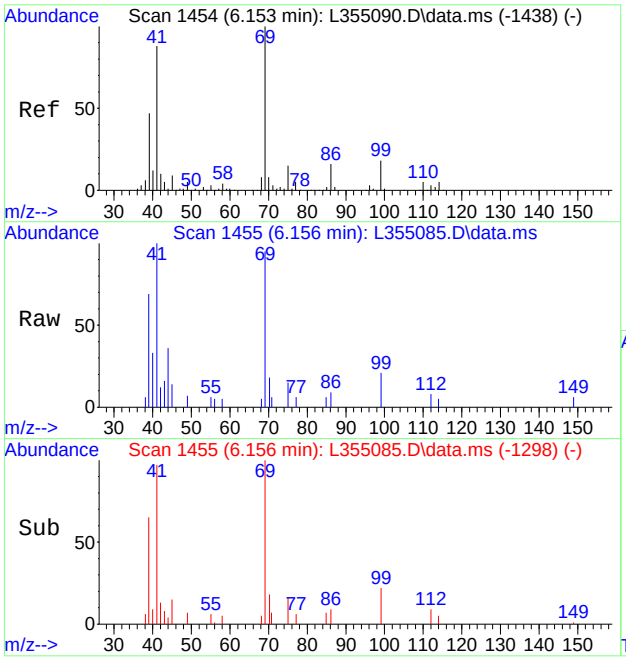


#75
trans-1,3-dichloropropene
Concen: 0.99 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 75 Resp: 6342

Ion	Ratio	Lower	Upper
75	100		
77	34.1	1.0	61.0
39	55.1	30.8	90.8

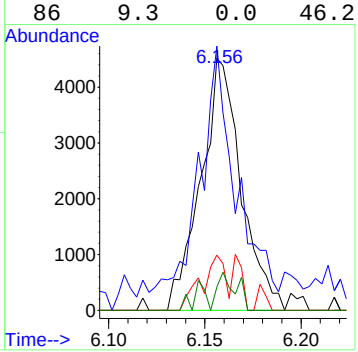


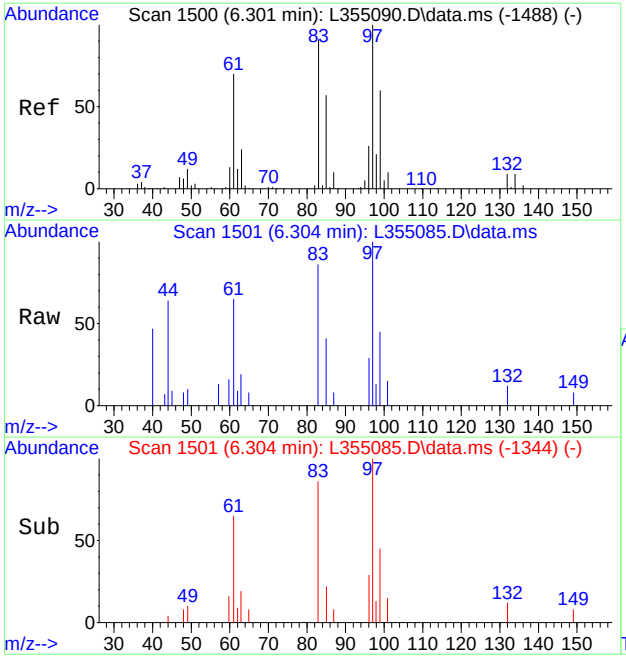


#76
ethyl methacrylate
Concen: 1.39 ug/L
RT: 6.156 min Scan# 1455
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 69 Resp: 6591

Ion	Ratio	Lower	Upper
69	100		
41	92.3	57.6	117.6
99	21.9	0.0	48.5
86	9.3	0.0	46.2

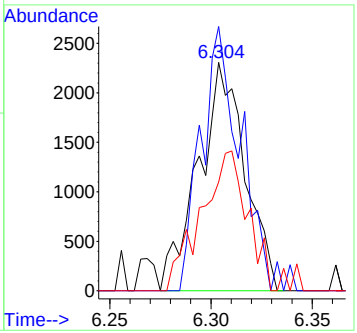


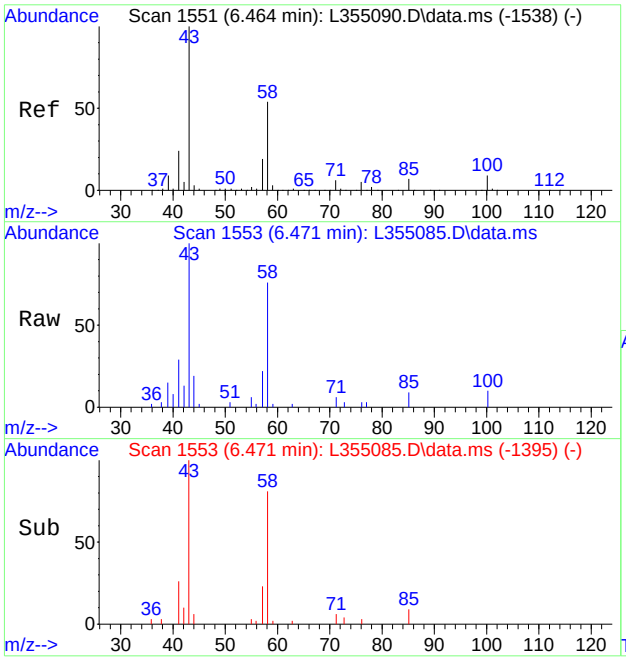


#77
1,1,2-trichloroethane
Concen: 1.28 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 83 Resp: 3701

Ion	Ratio	Lower	Upper
83	100		
97	115.8	80.2	140.2
85	47.6	33.0	93.0

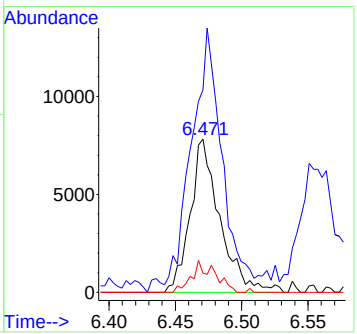


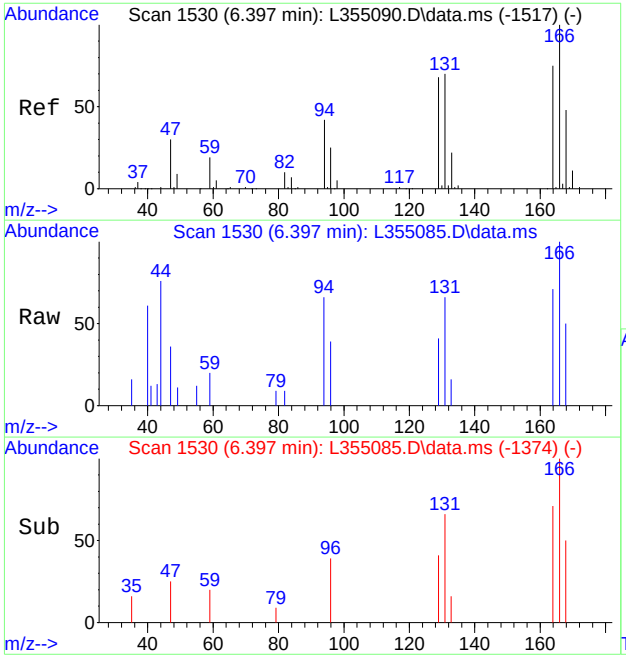


#78
2-hexanone
Concen: 6.08 ug/L
RT: 6.471 min Scan# 1553
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 58 Resp: 12197

Ion	Ratio	Lower	Upper
58	100		
43	125.8	154.5	214.5#
100	12.6	0.0	46.6

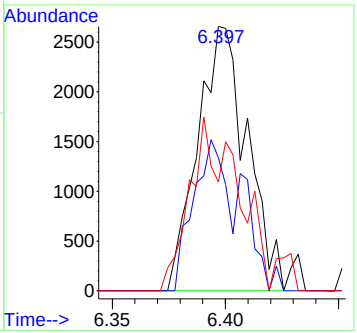


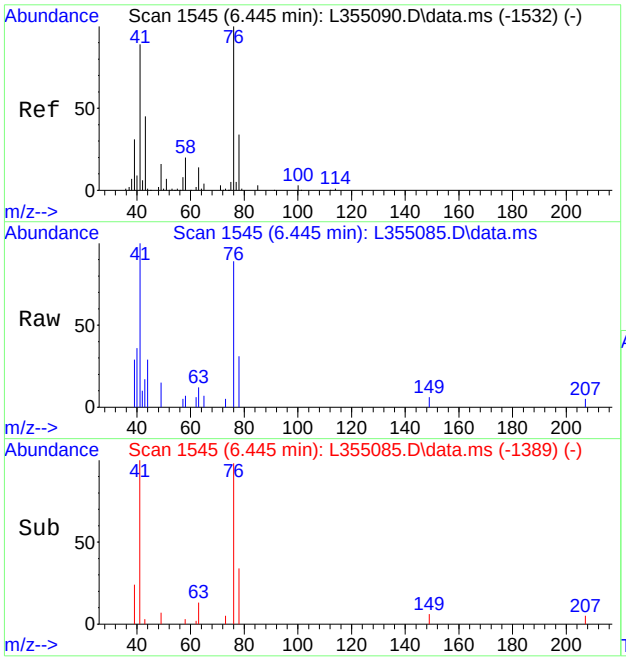


#79
tetrachloroethene
Concen: 1.28 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:166 Resp: 4050

Ion	Ratio	Lower	Upper
166	100		
168	50.3	18.3	78.3
129	41.1	38.5	98.5

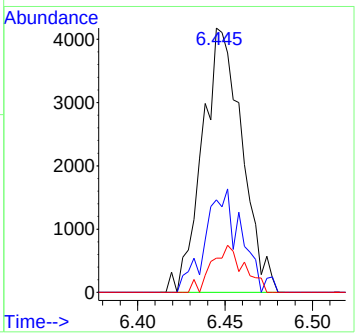


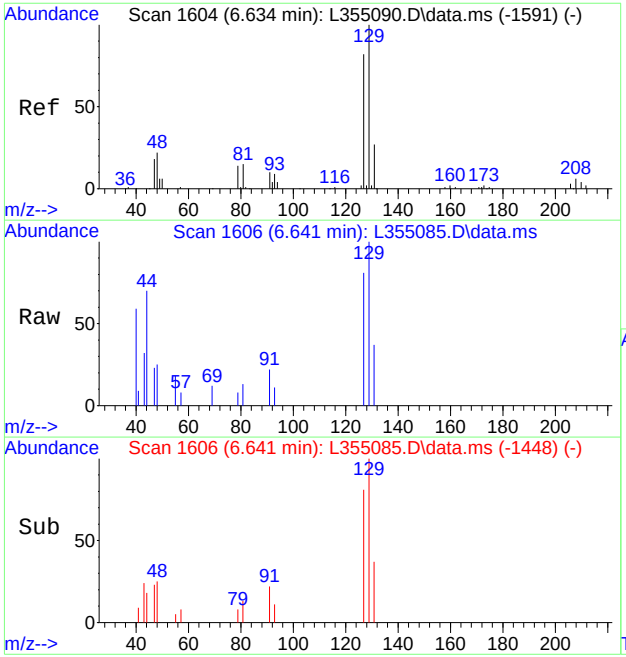


#80
1,3-dichloropropane
Concen: 1.20 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 76 Resp: 6595

Ion	Ratio	Lower	Upper
76	100		
78	35.0	3.8	63.8
63	13.0	0.0	43.8

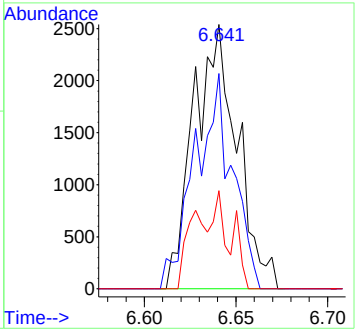


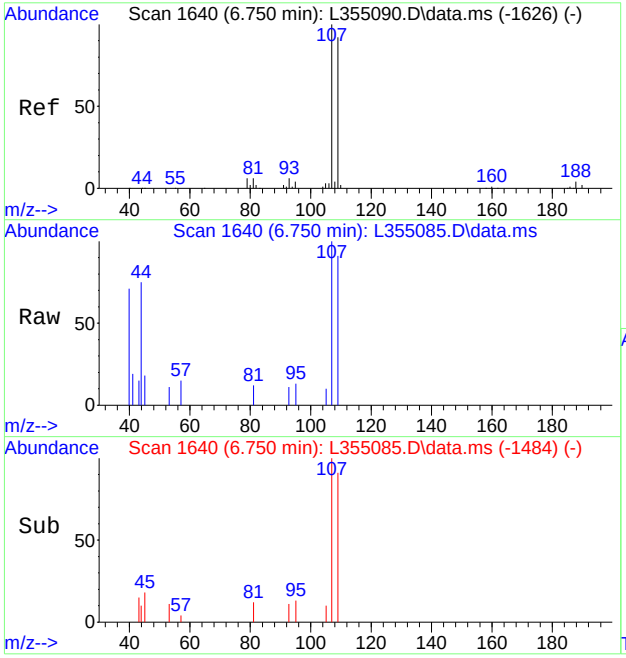


#82
dibromochloromethane
Concen: 1.16 ug/L
RT: 6.641 min Scan# 1606
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:129 Resp: 4212

Ion	Ratio	Lower	Upper
129	100		
127	81.4	51.9	111.9
131	37.2	0.0	56.8

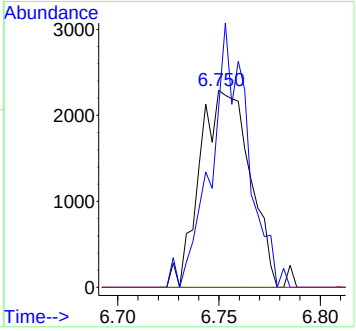


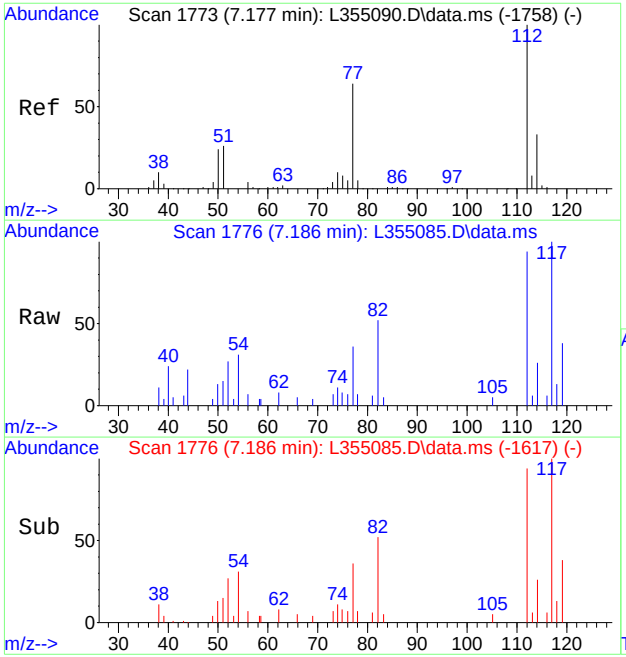


#83
1,2-dibromoethane
Concen: 1.17 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:107 Resp: 3959

Ion	Ratio	Lower	Upper
107	100		
109	91.2	62.2	122.2
188	0.0	0.0	33.6

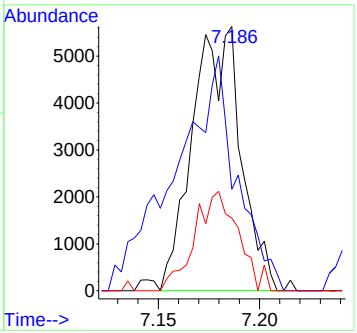


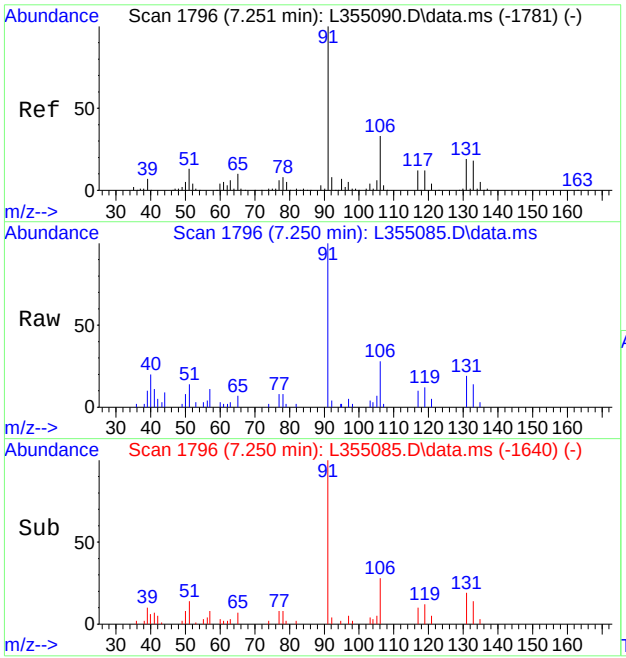


#85
chlorobenzene
Concen: 1.07 ug/L
RT: 7.186 min Scan# 1776
Delta R.T. 0.009 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:112 Resp: 9383

Ion	Ratio	Lower	Upper
112	100		
77	38.4	34.0	94.0
114	27.5	2.8	62.8

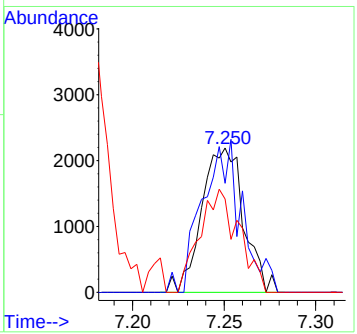


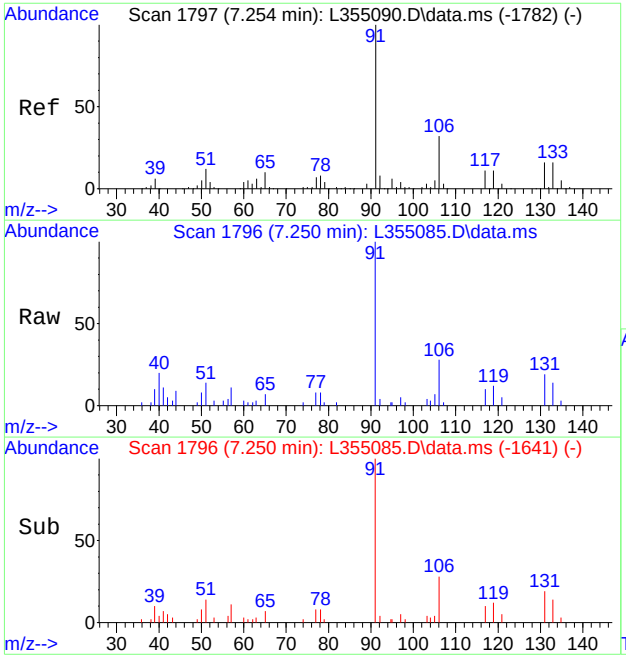


#86
1,1,1,2-tetrachloroethane
Concen: 1.13 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:131 Resp: 3509

Ion	Ratio	Lower	Upper
131	100		
133	75.6	65.5	125.5
119	64.6	34.9	94.9

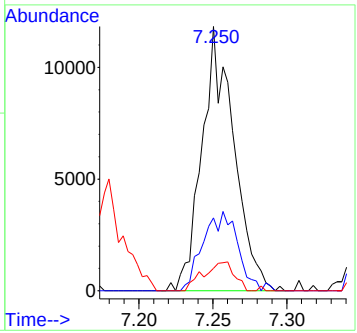


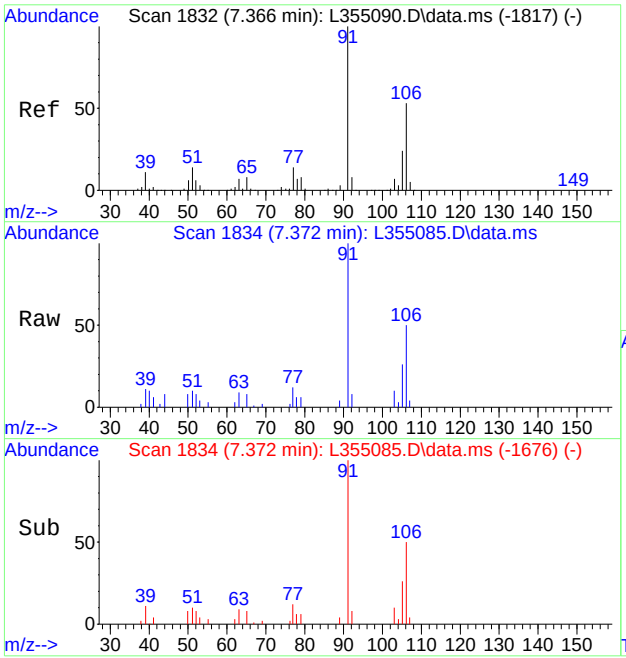


#87
ethylbenzene
Concen: 1.41 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 91 Resp: 17757

Ion	Ratio	Lower	Upper
91	100		
106	27.6	1.8	61.8
77	8.5	0.0	38.8

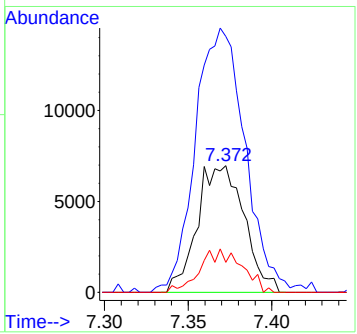


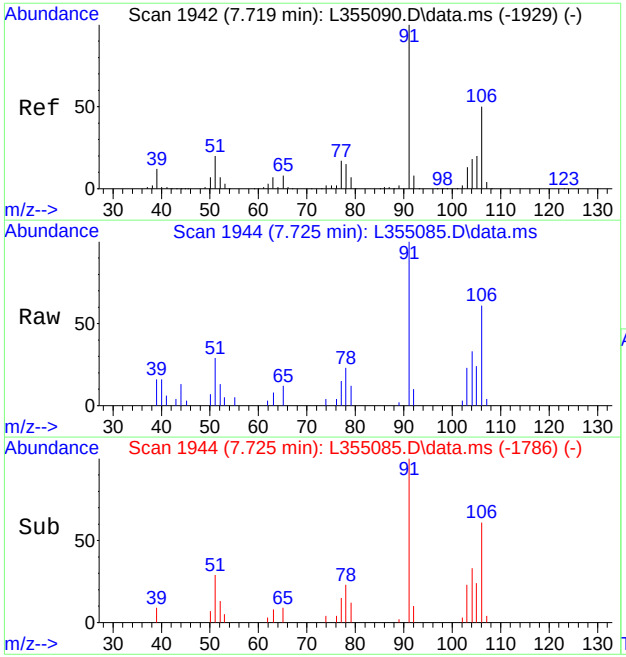


#88
m,p-xylene
Concen: 2.20 ug/L
RT: 7.372 min Scan# 1834
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:106 Resp: 13612

Ion	Ratio	Lower	Upper
106	100		
91	196.2	158.2	218.2
77	23.7	6.9	46.9

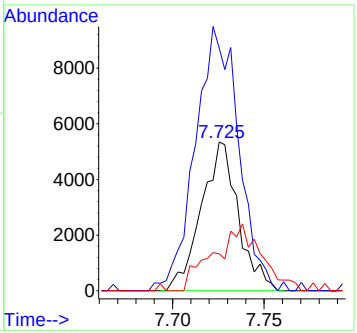


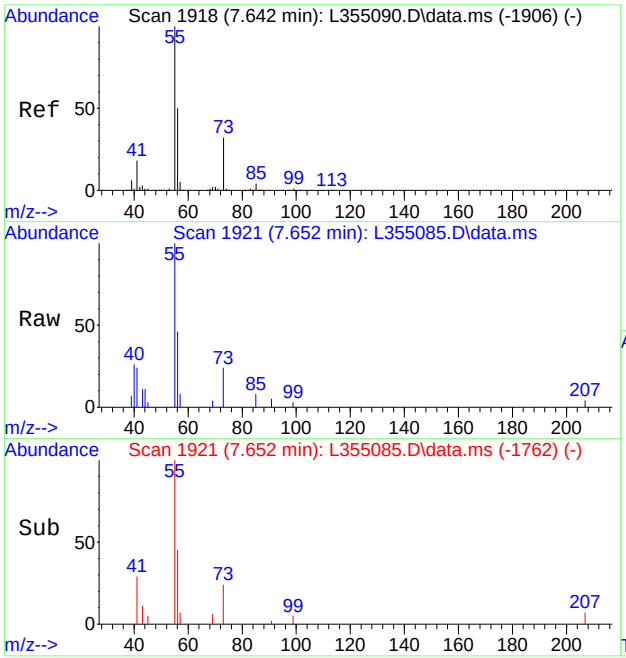


#89
o-xylene
Concen: 1.22 ug/L
RT: 7.725 min Scan# 1944
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:106 Resp: 7543

Ion	Ratio	Lower	Upper
106	100		
91	158.1	170.0	230.0#
77	20.2	14.0	54.0

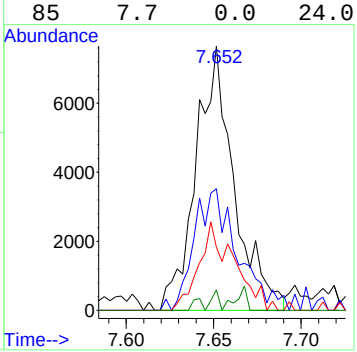




#90
butyl acrylate
Concen: 1.11 ug/L
RT: 7.652 min Scan# 1921
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

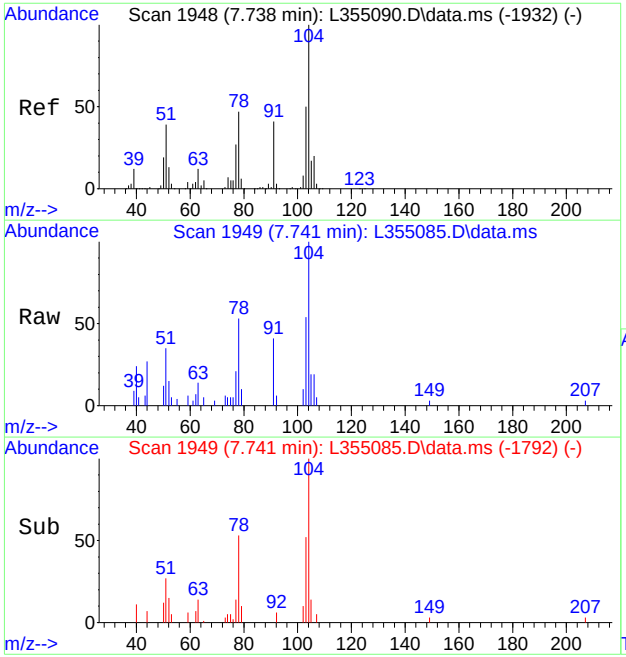
Tgt Ion: 55 Resp: 11669

Ion	Ratio	Lower	Upper
55	100		
56	46.0	30.4	70.4
73	23.8	11.9	51.9
85	7.7	0.0	24.0



7.7.42

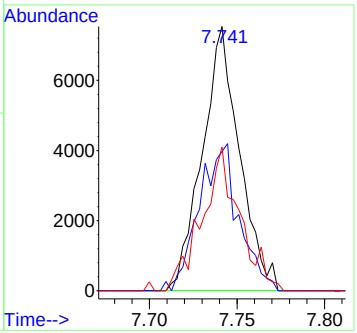
7

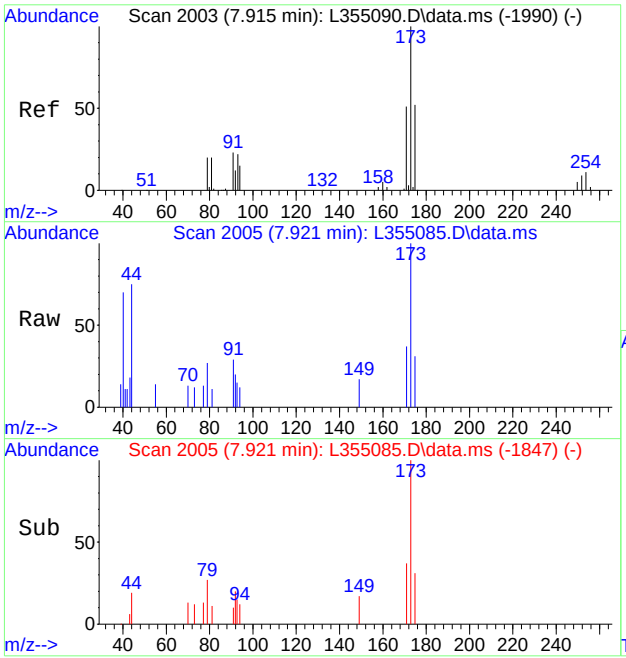


#91
styrene
Concen: 1.19 ug/L
RT: 7.741 min Scan# 1949
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:104 Resp: 11215

Ion	Ratio	Lower	Upper
104	100		
78	52.7	17.3	77.3
103	54.4	19.8	79.8

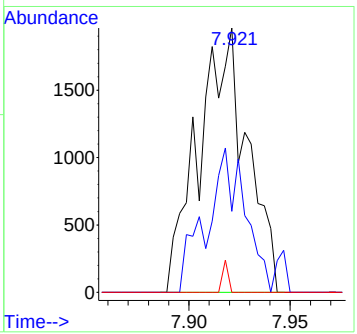


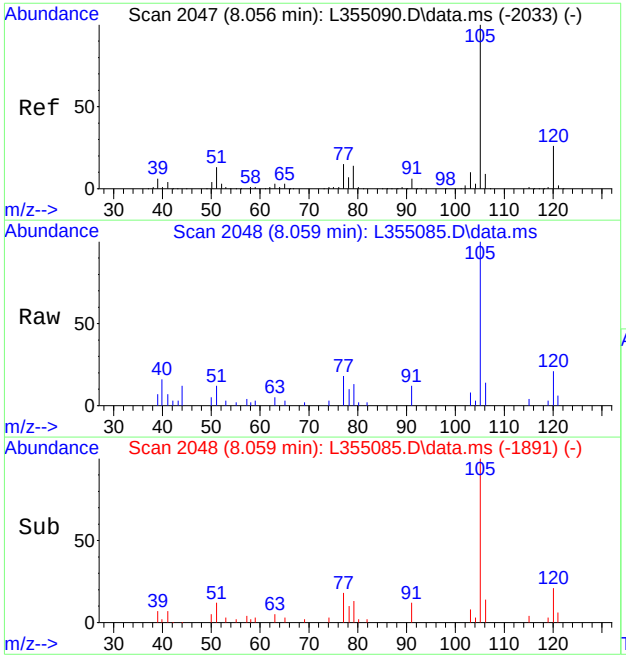


#92
bromoform
Concen: 1.39 ug/L
RT: 7.921 min Scan# 2005
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:173 Resp: 3277

Ion	Ratio	Lower	Upper
173	100		
175	30.6	22.1	82.1
254	0.0	0.0	41.0

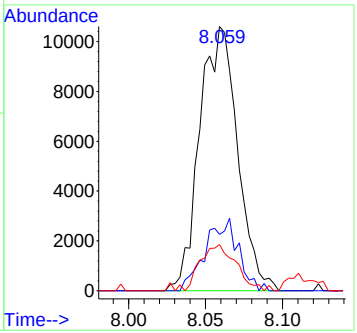


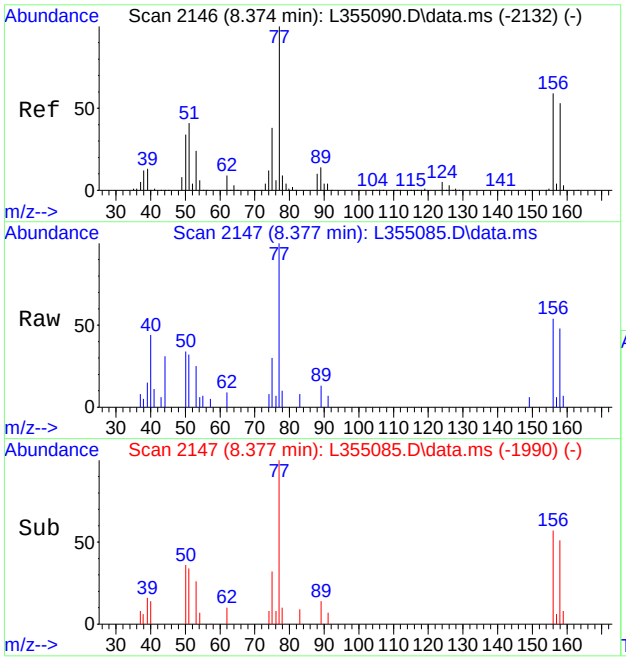


#93
isopropylbenzene
Concen: 1.18 ug/L
RT: 8.059 min Scan# 2048
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:105 Resp: 18183

Ion	Ratio	Lower	Upper
105	100		
120	21.4	6.4	46.4
77	17.5	0.0	35.3

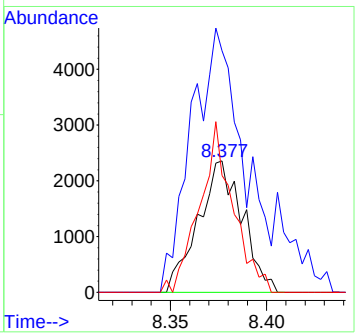


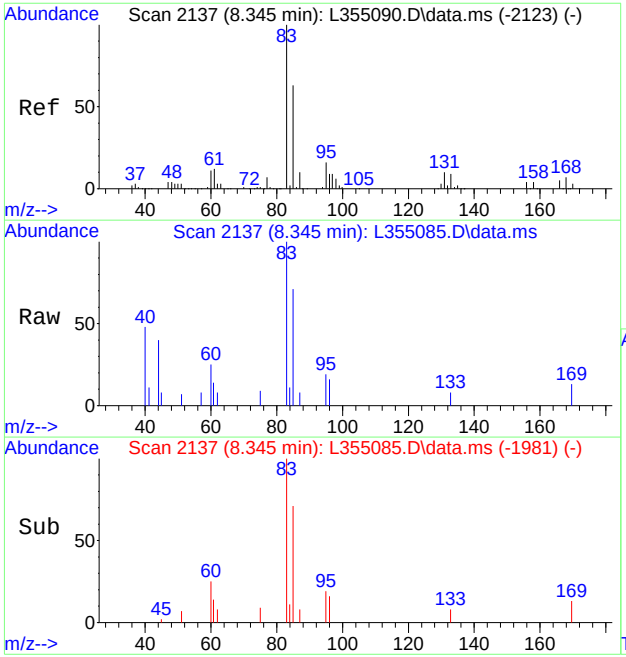


#97
bromobenzene
Concen: 1.13 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:156 Resp: 3766

Ion	Ratio	Lower	Upper
156	100		
77	183.9	138.1	198.1
158	89.1	58.3	118.3

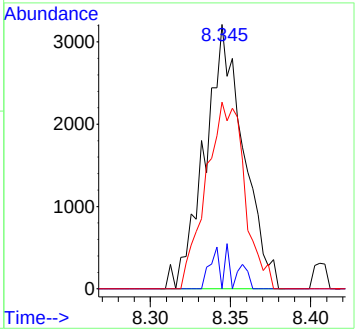


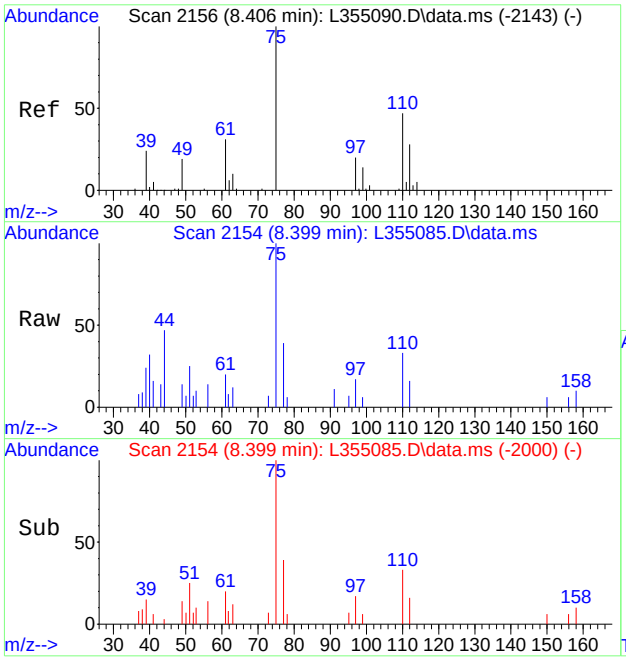


#98
1,1,2,2-tetrachloroethane
Concen: 1.08 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 83 Resp: 5375

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	39.6
85	70.6	33.1	93.1

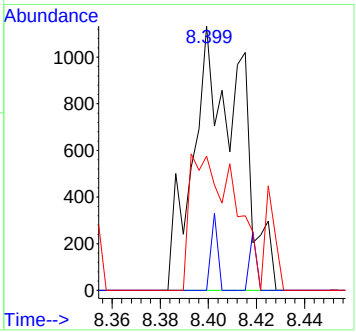


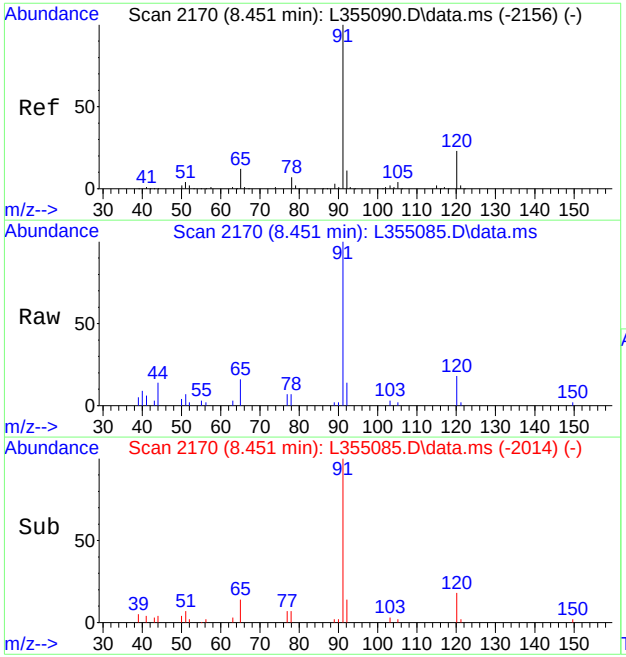


#100
1,2,3-trichloropropane
Concen: 1.28 ug/L
RT: 8.399 min Scan# 2154
Delta R.T. -0.007 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:110 Resp: 1536

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	39.7
97	50.8	18.0	78.0

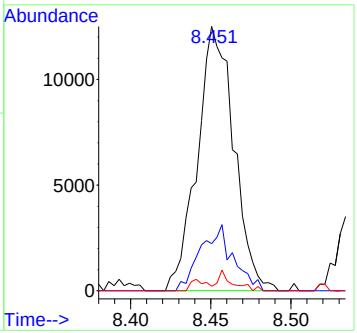


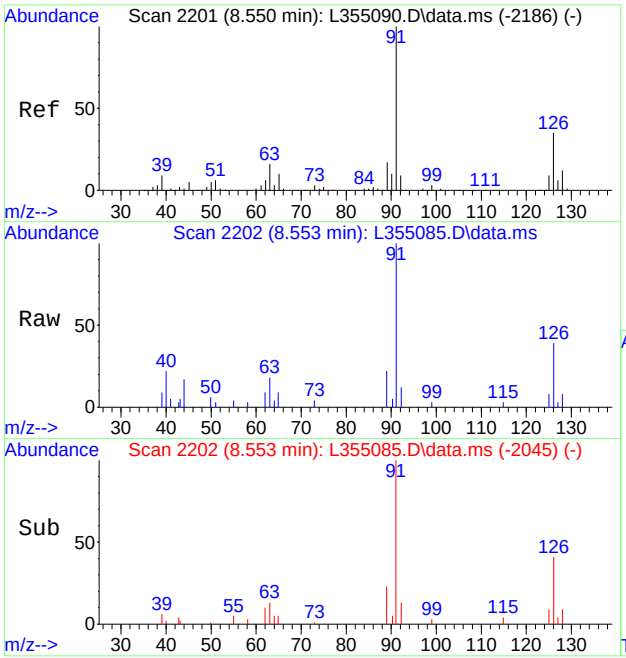


#101
n-propylbenzene
Concen: 1.13 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 91 Resp: 19936

Ion	Ratio	Lower	Upper
91	100		
120	17.9	0.0	53.4
105	1.8	0.0	34.1

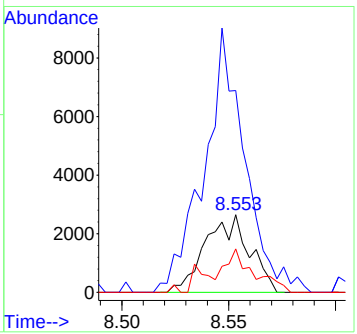


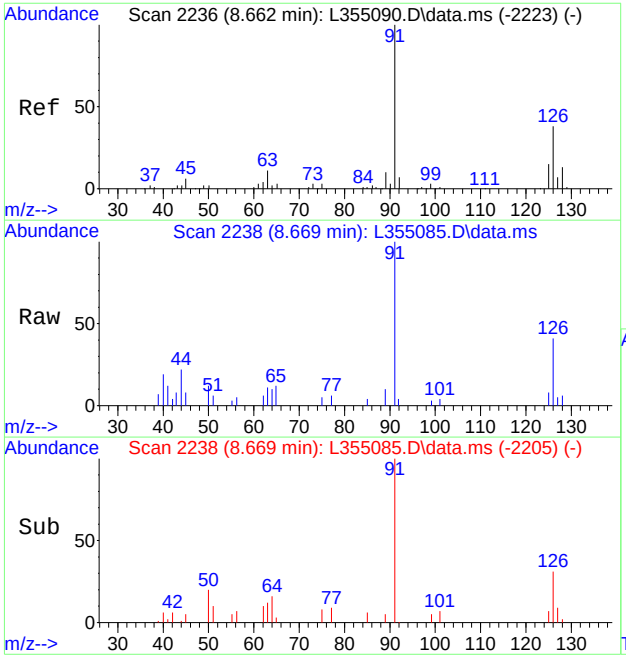


#102
2-chlorotoluene
Concen: 1.12 ug/L
RT: 8.553 min Scan# 2202
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:126 Resp: 3804

Ion	Ratio	Lower	Upper
126	100		
91	247.4	258.6	318.6#
89	55.8	18.8	78.8

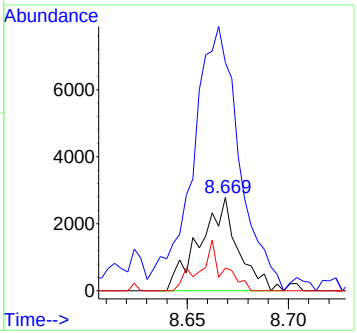


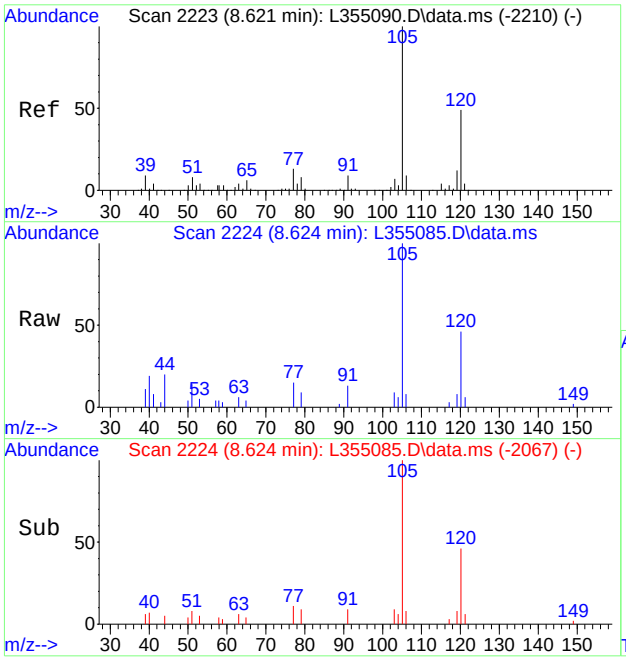


#103
4-chlorotoluene
Concen: 1.12 ug/L
RT: 8.669 min Scan# 2238
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:126 Resp: 3644

Ion	Ratio	Lower	Upper
126	100		
91	244.3	272.7	332.7#
89	24.2	2.4	62.4

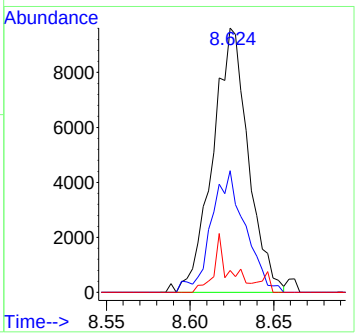


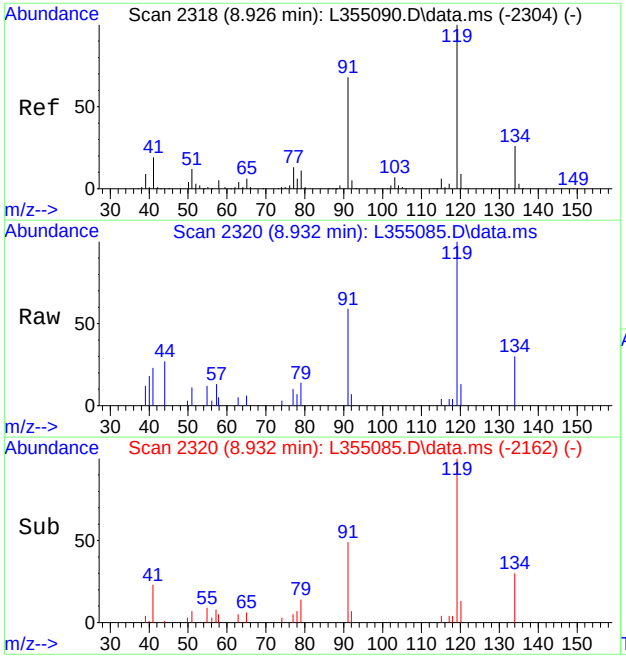


#104
1,3,5-trimethylbenzene
Concen: 1.14 ug/L
RT: 8.624 min Scan# 2224
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:105 Resp: 14278

Ion	Ratio	Lower	Upper
105	100		
120	46.0	19.0	79.0
119	8.3	0.0	42.2

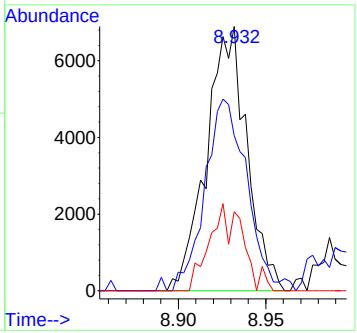


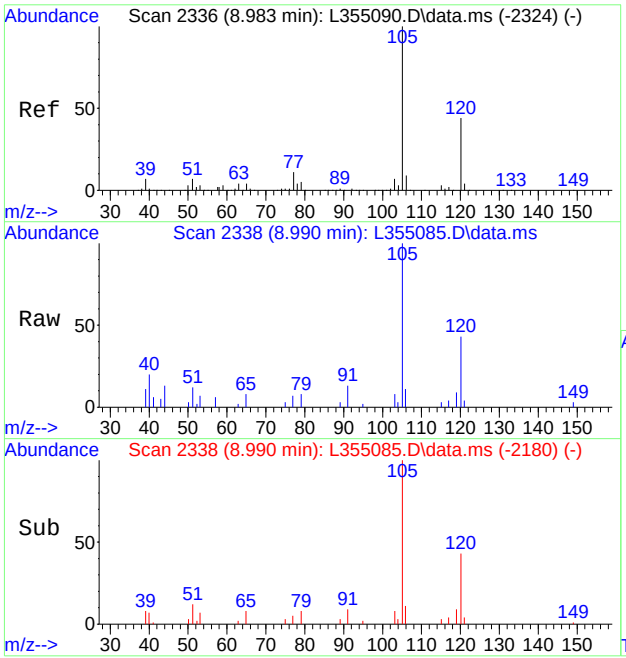


#105
tert-butylbenzene
Concen: 1.06 ug/L
RT: 8.932 min Scan# 2320
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:119 Resp: 11055

Ion	Ratio	Lower	Upper
119	100		
91	54.1	38.0	98.0
134	29.9	0.0	56.2

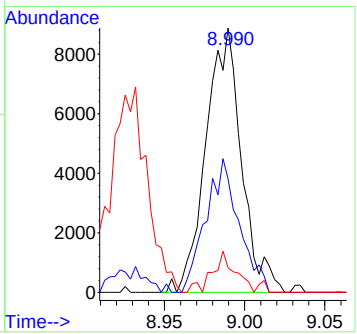


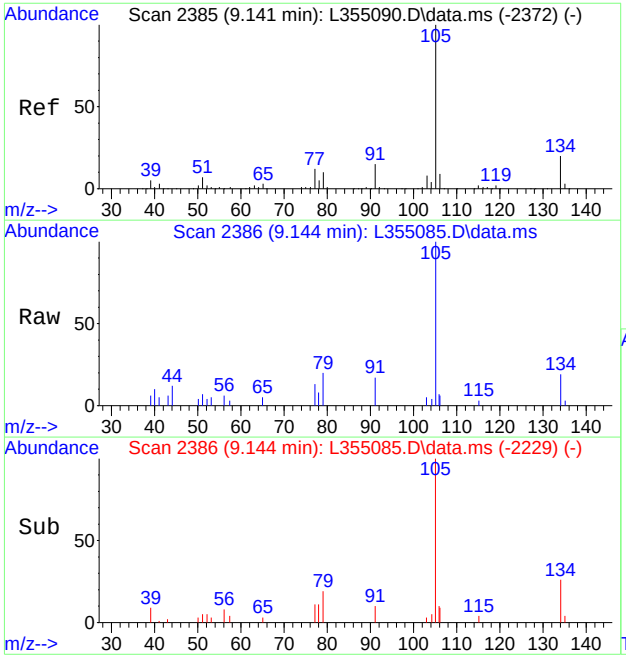


#106
1,2,4-trimethylbenzene
Concen: 1.10 ug/L
RT: 8.990 min Scan# 2338
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:105 Resp: 13658

Ion	Ratio	Lower	Upper
105	100		
120	42.9	15.8	75.8
119	9.4	0.0	42.1

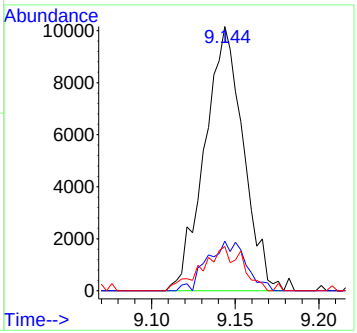


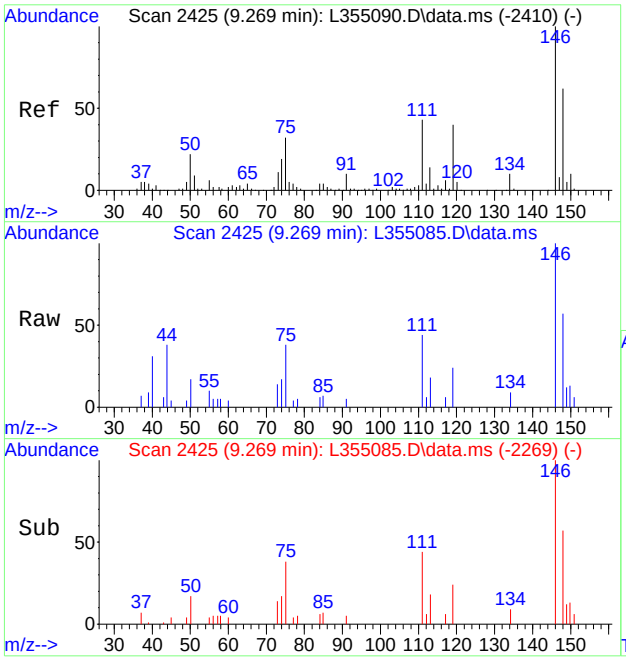


#107
sec-butylbenzene
Concen: 1.09 ug/L
RT: 9.144 min Scan# 2386
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:105 Resp: 16284

Ion	Ratio	Lower	Upper
105	100		
134	18.8	0.0	50.4
91	16.8	0.0	45.4

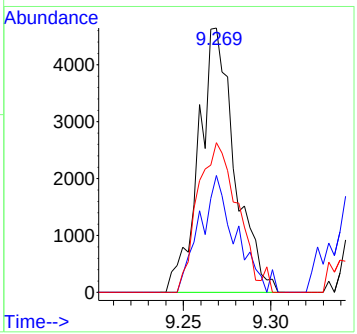


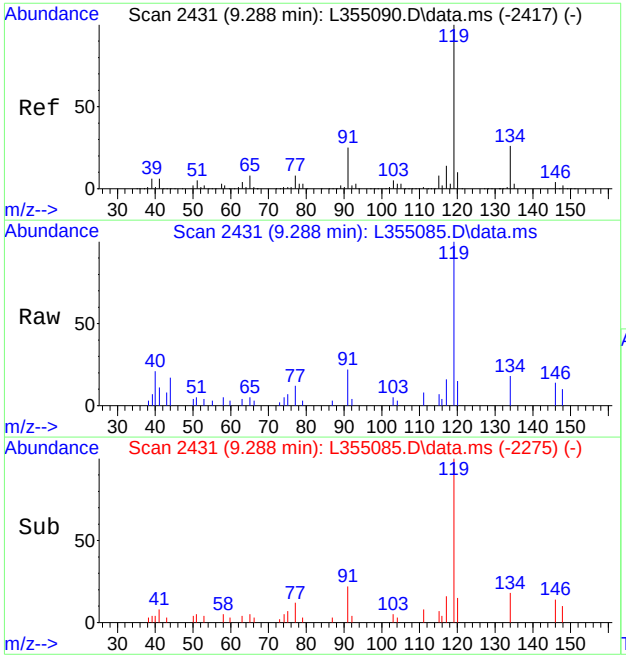


#108
1,3-dichlorobenzene
Concen: 1.18 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:146 Resp: 6660

Ion	Ratio	Lower	Upper
146	100		
111	44.2	13.1	73.1
148	56.6	32.4	92.4

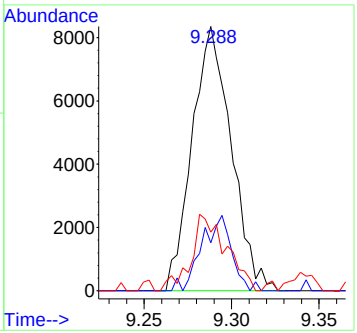


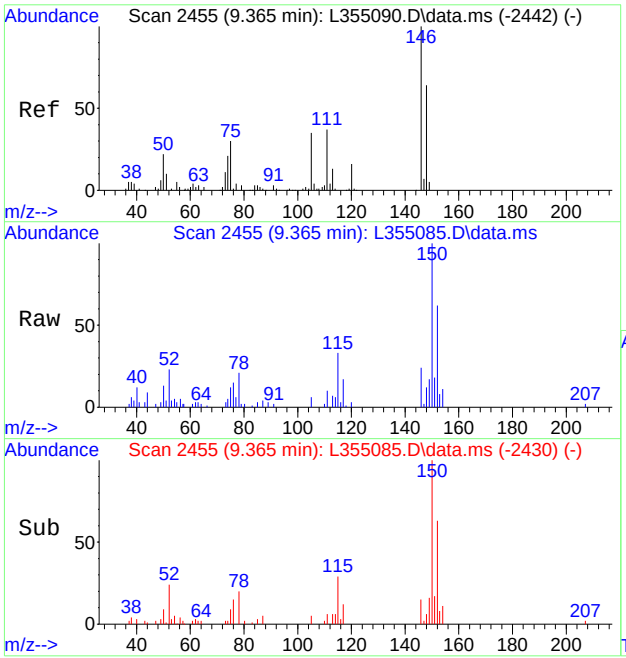


#109
p-isopropyltoluene
Concen: 1.12 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:119 Resp: 13047

Ion	Ratio	Lower	Upper
119	100		
134	18.1	0.0	56.2
91	22.2	0.0	55.0

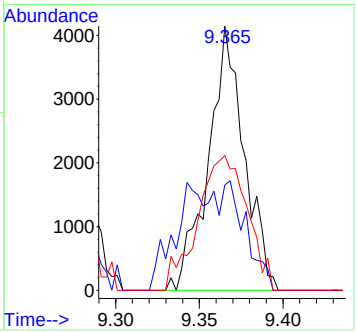


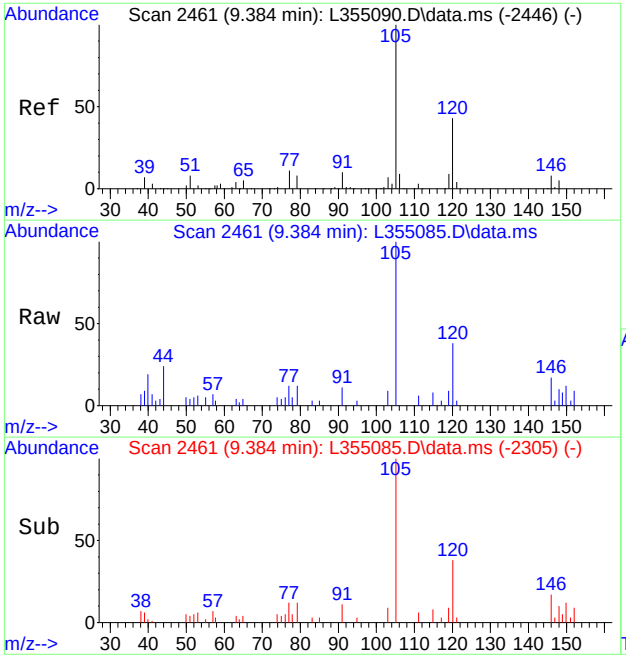


#110
1,4-dichlorobenzene
Concen: 1.08 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:146 Resp: 6177

Ion	Ratio	Lower	Upper
146	100		
111	39.9	7.6	67.6
148	51.0	33.7	93.7

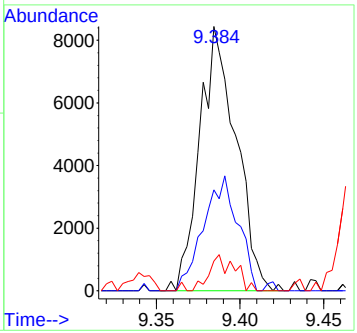


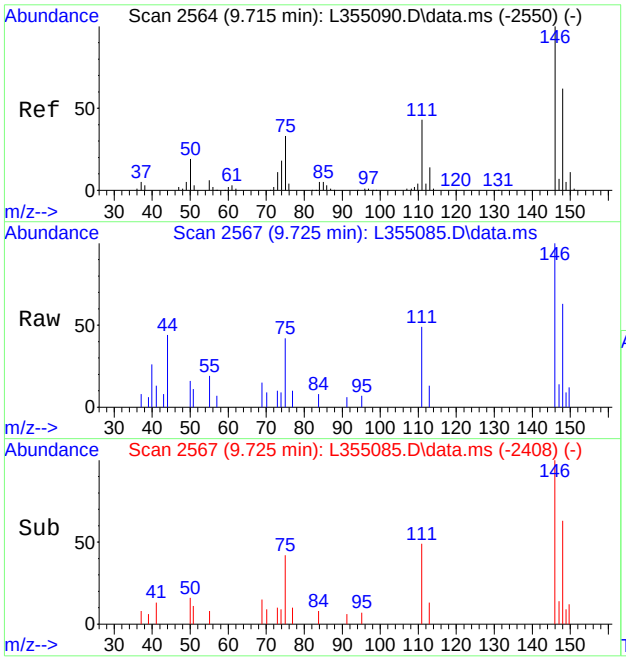


#111
1,2,3-trimethylbenzene
Concen: 1.12 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:105 Resp: 12765

Ion	Ratio	Lower	Upper
105	100		
120	38.2	13.0	73.0
91	11.2	0.0	39.8

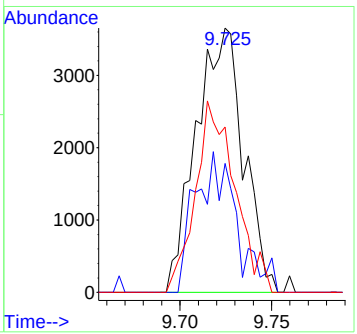


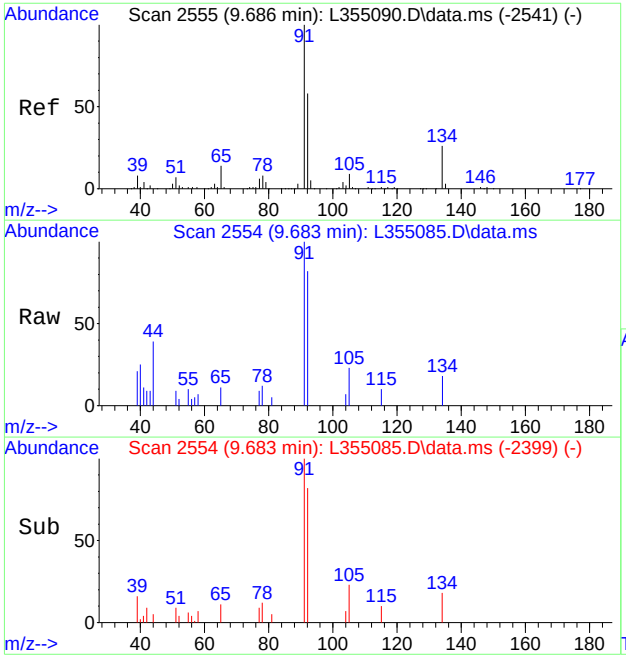


#112
1,2-dichlorobenzene
Concen: 1.22 ug/L
RT: 9.725 min Scan# 2567
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:146 Resp: 6615

Ion	Ratio	Lower	Upper
146	100		
111	48.7	13.0	73.0
148	62.5	32.1	92.1

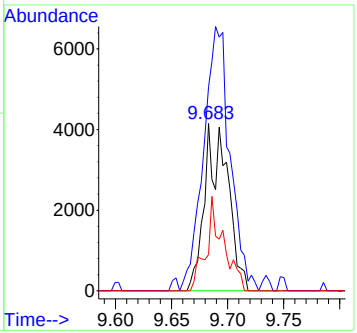


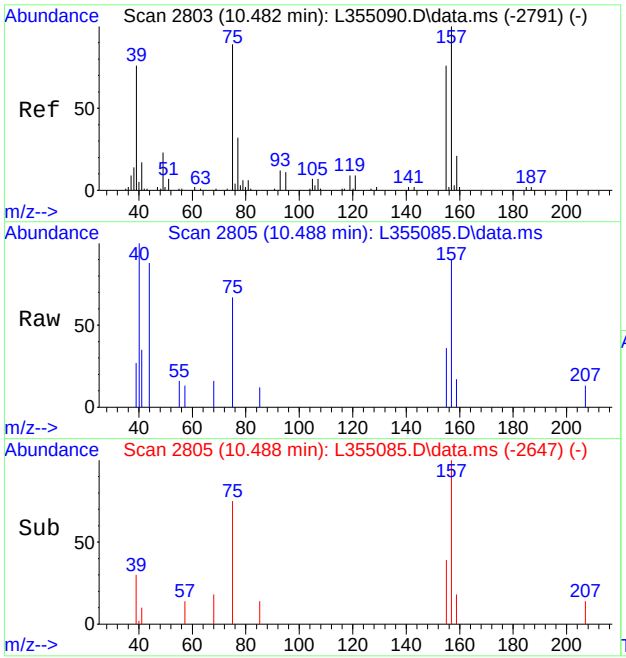


#113
n-butylbenzene
Concen: 1.00 ug/L m
RT: 9.683 min Scan# 2554
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 92 Resp: 5955

Ion	Ratio	Lower	Upper
92	100		
91	121.9	141.2	201.2#
134	21.6	14.9	74.9

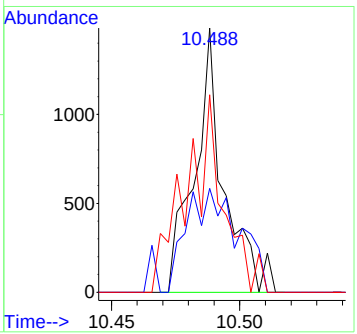


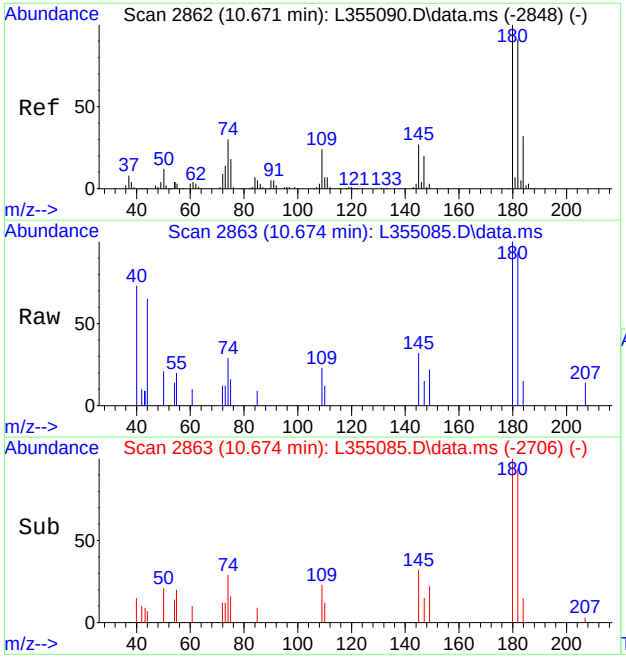


#114
1,2-dibromo-3-chloropropane
Concen: 1.08 ug/L
RT: 10.488 min Scan# 2805
Delta R.T. 0.006 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:157 Resp: 1189

Ion	Ratio	Lower	Upper
157	100		
155	39.4	46.0	106.0#
75	74.7	58.9	118.9

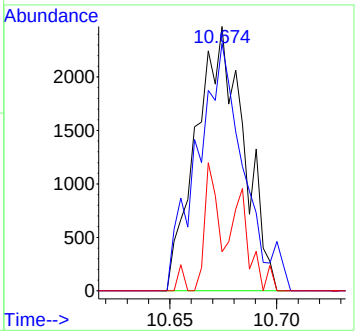


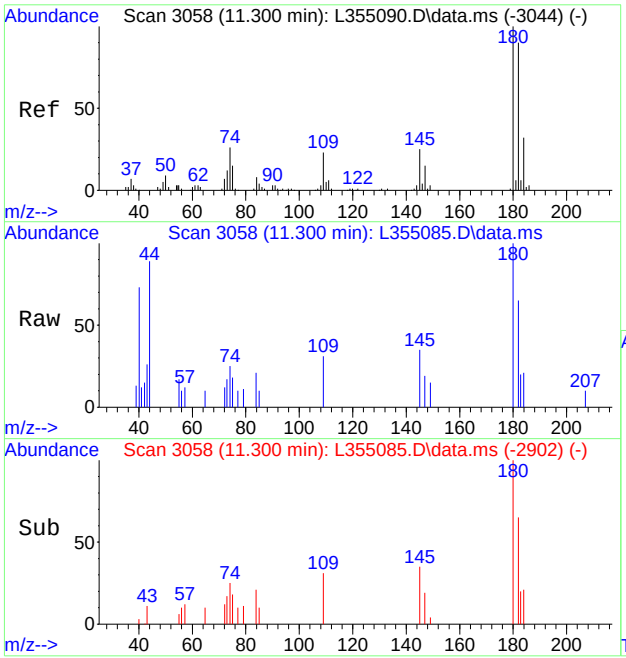


#115
1,3,5-trichlorobenzene
Concen: 1.09 ug/L
RT: 10.674 min Scan# 2863
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:180 Resp: 3820

Ion	Ratio	Lower	Upper
180	100		
182	93.6	61.0	121.0
184	14.8	1.5	61.5

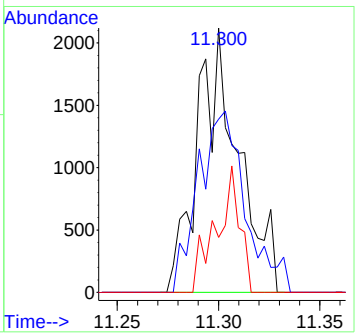


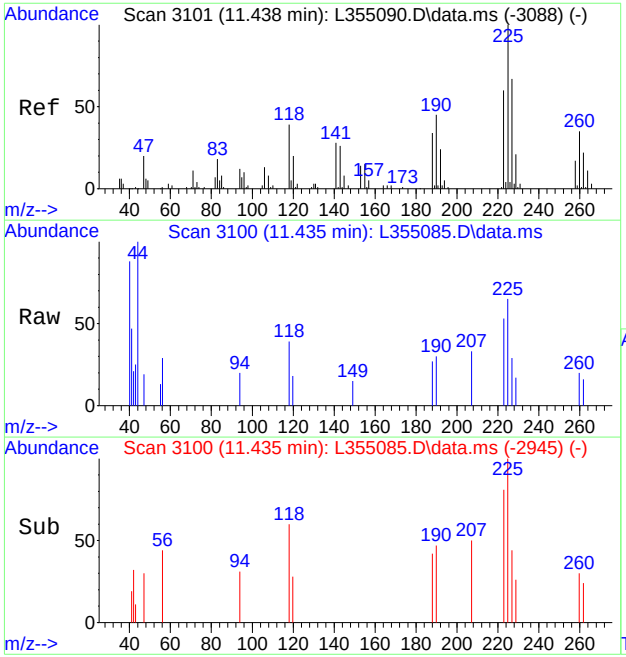


#116
1,2,4-trichlorobenzene
Concen: 0.98 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:180 Resp: 3002

Ion	Ratio	Lower	Upper
180	100		
182	65.5	59.8	119.8
184	20.7	1.8	61.8

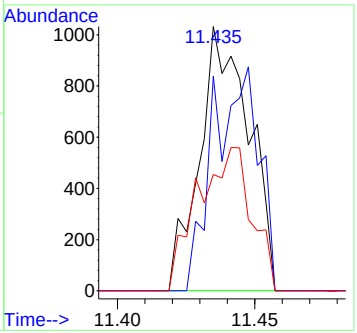


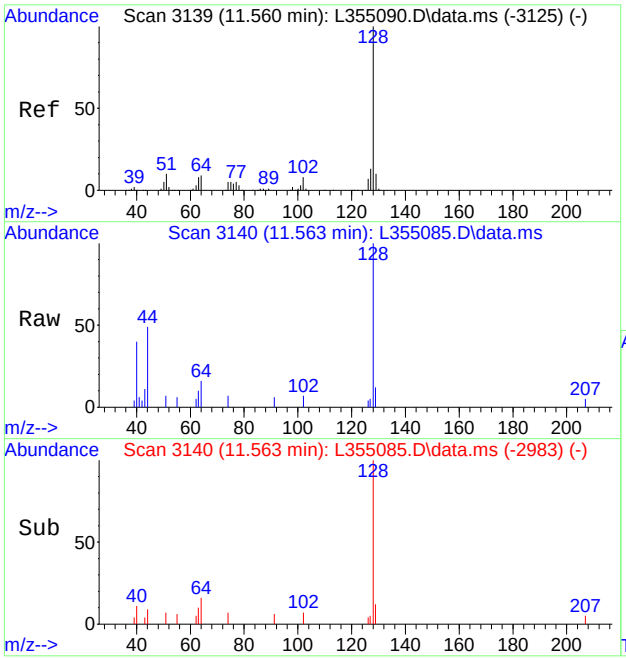


#117
hexachlorobutadiene
Concen: 0.94 ug/L
RT: 11.435 min Scan# 3100
Delta R.T. -0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:225 Resp: 1294

Ion	Ratio	Lower	Upper
225	100		
223	81.2	30.5	90.5
227	44.0	37.2	97.2

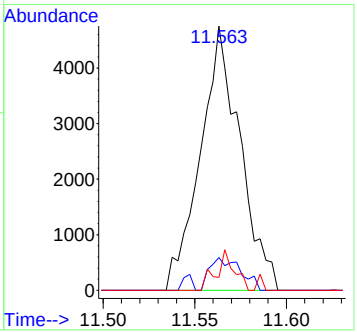


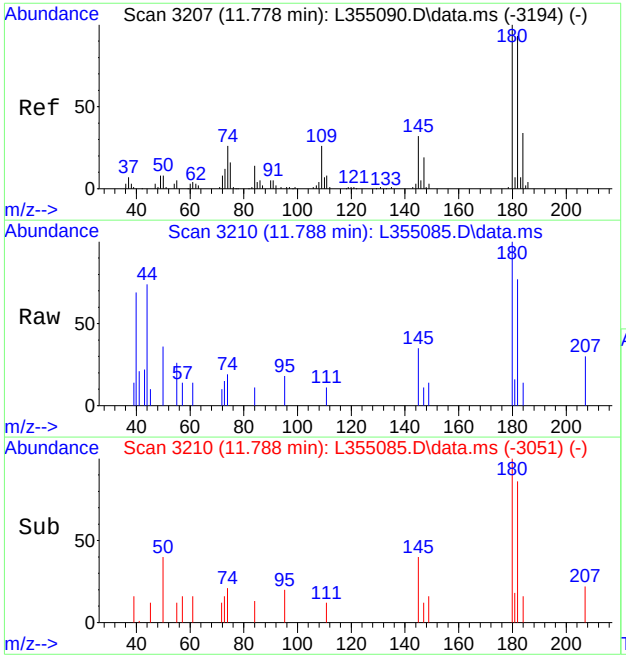


#118
naphthalene
Concen: 0.83 ug/L
RT: 11.563 min Scan# 3140
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:128 Resp: 7181

Ion	Ratio	Lower	Upper
128	100		
129	12.4	0.0	40.2
127	4.9	0.0	43.0

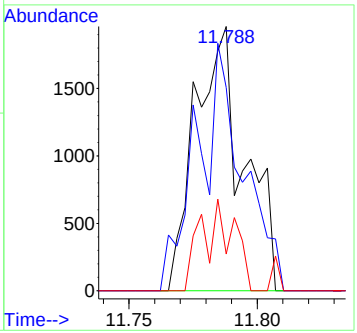


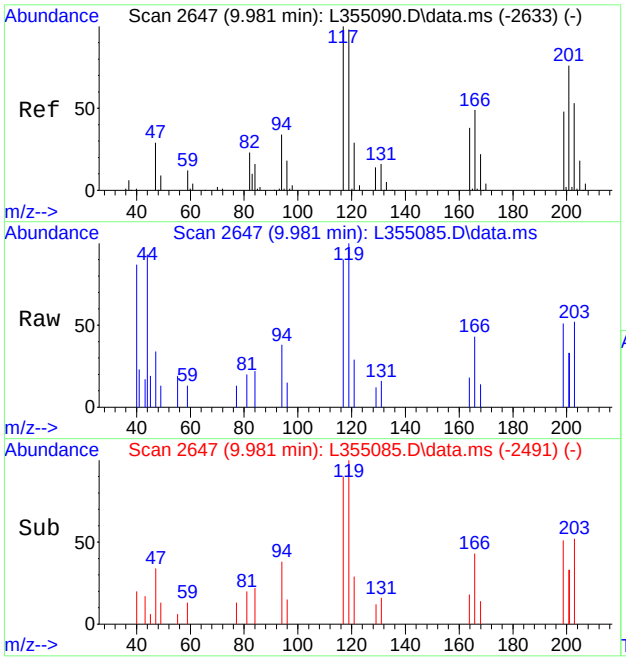


#119
1,2,3-trichlorobenzene
Concen: 0.99 ug/L
RT: 11.788 min Scan# 3210
Delta R.T. 0.010 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:180 Resp: 2582

Ion	Ratio	Lower	Upper
180	100		
182	76.9	63.1	123.1
184	13.9	3.8	63.8

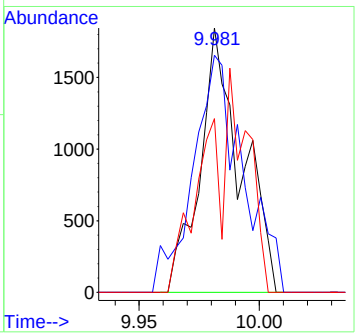


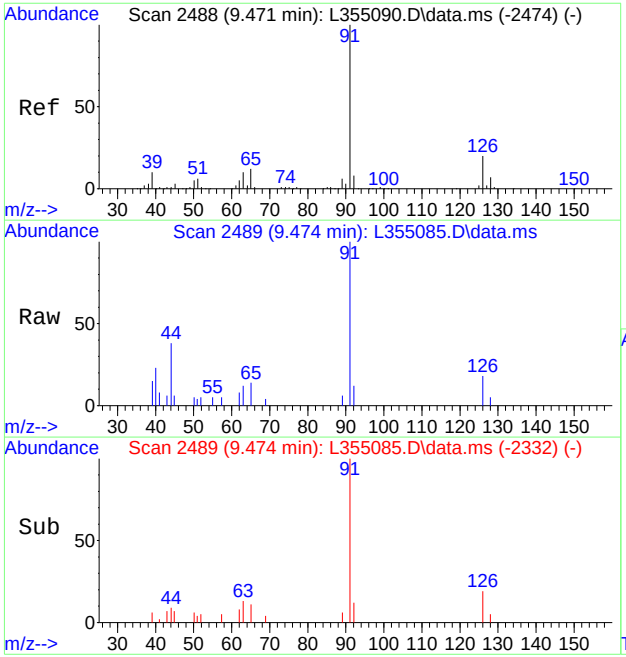


#120
hexachloroethane
Concen: 1.04 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. -0.000 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion:119 Resp: 2198

Ion	Ratio	Lower	Upper
119	100		
117	89.7	71.9	131.9
201	65.7	47.2	107.2

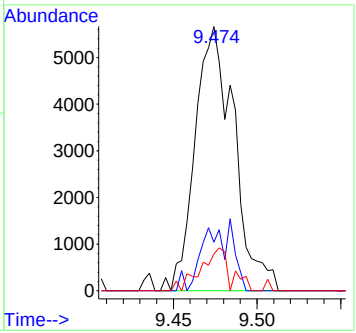




#121
benzyl chloride
Concen: 1.03 ug/L
RT: 9.474 min Scan# 2489
Delta R.T. 0.003 min
Lab File: L355085.D
Acq: 29 Apr 2023 6:58 pm

Tgt Ion: 91 Resp: 9225

Ion	Ratio	Lower	Upper
91	100		
126	18.3	0.0	50.3
65	14.0	0.0	42.2



Manual Integration Approval Summary

Sample Number:	VL10779-IC10779	**Method:**	SW846 8260D
Lab FileID:	L355085.D	**Analyst approved:**	05/01/23 12:21 MoHui Huang
Injection Time:	04/29/23 18:58	**Supervisor approved:**	05/02/23 09:56 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Ether	60-29-7		2.52	Split peak
Acetone	67-64-1		2.70	Split peak
Methyl Acetate	79-20-9		2.91	Split peak
Tert Butyl Alcohol	75-65-0		3.05	Split peak
Acrylonitrile	107-13-1		3.18	Split peak
Isopropyl Acetate	108-21-4		4.47	Split peak
n-Butylbenzene	104-51-8		9.68	Split peak

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/02/23 09:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355086.D
Acq On : 29 Apr 2023 7:21 pm
Operator : PrashanS
Sample : IC10779-2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:34:12 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:30:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.995	65	174326	500.00	ug/L		0.00
5) pentafluorobenzene	4.199	168	309877	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.763	114	429122	50.00	ug/L		0.00
72) chlorobenzene-d5	7.151	117	364267	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	153581	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.199	168	309877	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	153581	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.208	113	124860	49.02	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.04%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	158699	51.00	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 102.00%				
73) toluene-d8 (s)	5.903	98	496970	50.58	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.16%				
96) 4-bromofluorobenzene (s)	8.232	95	175061	49.34	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%				
Target Compounds							Qvalue
3) ethanol	2.437	45	6039	195.54	ug/L		72
4) tertiary butyl alcohol	3.053	59	5799	9.62	ug/L		95
6) chlorodifluoromethane	1.612	51	15735	1.73	ug/L	#	99
7) dichlorodifluoromethane	1.593	85	11444	1.80	ug/L		87
8) chloromethane	1.750	50	13590	1.90	ug/L		96
9) vinyl chloride	1.834	62	10828	2.03	ug/L		91
10) 1,3-butadiene	1.863	54	11062	1.71	ug/L		83
11) bromomethane	2.090	96	3674m	1.64	ug/L		
12) chloroethane	2.164	64	5351	1.83	ug/L		97
13) trichlorofluoromethane	2.344	101	11229	1.99	ug/L		92
14) ethyl ether	2.524	74	5298	2.16	ug/L	#	84
15) acrolein	2.626	56	2670	2.23	ug/L	#	50
16) freon 113	2.694	151	5690	1.75	ug/L		99
17) 1,1-dichloroethene	2.697	96	5871	1.93	ug/L	#	83
18) acetone	2.707	58	5591	8.11	ug/L		85
20) iodomethane	2.809	142	4657	1.58	ug/L		87
22) carbon disulfide	2.870	76	24967	1.85	ug/L		100
23) methylene chloride	3.024	84	6690	1.69	ug/L	#	80
24) methyl acetate	2.909	74	1873	1.87	ug/L	#	65
25) methyl tert butyl ether	3.188	73	23359	1.92	ug/L		94
26) trans-1,2-dichloroethene	3.204	96	6665	1.86	ug/L		84
27) hexane	3.380	57	18092	1.95	ug/L		89
28) di-isopropyl ether	3.490	45	37502	1.98	ug/L		92
29) ethyl tert-butyl ether	3.733	59	30120	1.95	ug/L		94
30) 2-butanone	3.855	72	5174	8.48	ug/L	#	66
31) 1,1-dichloroethane	3.493	63	16073	2.06	ug/L		93
32) chloroprene	3.554	53	15092	1.79	ug/L		90
33) acrylonitrile	3.165	53	5361	2.08	ug/L		81
34) vinyl acetate	3.477	86	1524	1.85	ug/L	#	71
36) 2,2-dichloropropane	3.887	77	11882	1.95	ug/L		86
37) cis-1,2-dichloroethene	3.881	96	7242	1.86	ug/L		98
38) propionitrile	3.904	54	18251	20.86	ug/L		95
40) bromochloromethane	4.048	128	3084	1.80	ug/L	#	78
41) tetrahydrofuran	4.054	72	1469	2.18	ug/L	#	32
42) chloroform	4.096	83	15069	2.11	ug/L		87
44) methacrylonitrile	4.013	67	4721	2.31	ug/L	#	71
45) 1,1,1-trichloroethane	4.237	97	10017	1.98	ug/L		84
46) cyclohexane	4.298	84	11213	1.96	ug/L	#	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355086.D
Acq On : 29 Apr 2023 7:21 pm
Operator : PrashanS
Sample : IC10779-2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:34:12 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:30:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,1-dichloropropene	4.343	75	10346	2.10	ug/L		90
48) carbon tetrachloride	4.350	117	9198	2.02	ug/L		92
49) isopropyl acetate	4.459	87	2001	1.88	ug/L	#	35
50) tert amyl alcohol	4.449	55	2079	9.28	ug/L	#	72
53) tert-amyl methyl ether	4.545	73	23739	2.00	ug/L		95
54) 2,2,4-trimethylpentane	4.555	57	31408	2.04	ug/L		92
55) n-butyl alcohol	4.834	56	10946	110.30	ug/L		95
56) benzene	4.491	78	29555	2.04	ug/L		92
57) heptane	4.664	57	7411	2.35	ug/L	#	71
58) 1,2-dichloroethane	4.513	62	11716	2.15	ug/L		93
59) trichloroethene	4.962	95	7116	1.86	ug/L		91
60) ethyl acrylate	4.979	55	16250	2.11	ug/L		92
62) 2-chloroethyl vinyl ether	5.534	63	17188	9.98	ug/L		94
63) methyl methacrylate	5.165	100	2433	2.18	ug/L	#	15
64) 1,2-dichloropropane	5.155	63	9200	1.94	ug/L		92
65) methylcyclohexane	5.145	83	13867	1.97	ug/L		92
66) dibromomethane	5.216	93	4144	1.73	ug/L	#	66
67) bromodichloromethane	5.344	83	10476	1.90	ug/L		88
68) cis-1,3-dichloropropene	5.678	75	12942	1.87	ug/L		82
69) epichlorohydrin	5.591	57	6901	13.12	ug/L		91
70) 4-methyl-2-pentanone	5.781	58	21773	8.54	ug/L		93
71) 3-methyl-1-butanol	5.810	70	4569m	41.23	ug/L		
74) toluene	5.964	92	16766	2.01	ug/L		95
75) trans-1,3-dichloropropene	6.137	75	11962	1.90	ug/L		91
76) ethyl methacrylate	6.156	69	11727	2.10	ug/L		98
77) 1,1,2-trichloroethane	6.304	83	5932	1.90	ug/L		89
78) 2-hexanone	6.467	58	20453	8.20	ug/L		86
79) tetrachloroethene	6.397	166	7415	2.18	ug/L		93
80) 1,3-dichloropropane	6.448	76	12765	2.20	ug/L		82
81) butyl acetate	6.551	56	8968	2.55	ug/L		86
82) dibromochloromethane	6.634	129	6798	1.80	ug/L		84
83) 1,2-dibromoethane	6.756	107	7324	2.07	ug/L		79
84) n-butyl ether	7.225	57	39210	2.48	ug/L		97
85) chlorobenzene	7.183	112	16804	1.90	ug/L		86
86) 1,1,1,2-tetrachloroethane	7.247	131	6259	1.96	ug/L		81
87) ethylbenzene	7.250	91	32542	2.17	ug/L		96
88) m,p-xylene	7.366	106	23598	3.78	ug/L		97
89) o-xylene	7.722	106	12514	1.94	ug/L		97
90) butyl acrylate	7.648	55	20234	1.88	ug/L		93
91) styrene	7.738	104	20488	2.10	ug/L		88
92) bromoform	7.915	173	5497	2.10	ug/L		78
93) isopropylbenzene	8.059	105	32890	2.05	ug/L		97
94) cis-1,4-dichloro-2-butene	8.104	88	3360	2.13	ug/L		86
97) bromobenzene	8.377	156	6831	1.99	ug/L		92
98) 1,1,2,2-tetrachloroethane	8.341	83	10220	2.03	ug/L		94
99) trans-1,4-dichloro-2-b...	8.377	53	3372	2.25	ug/L	#	50
100) 1,2,3-trichloropropane	8.406	110	2473	1.84	ug/L		71
101) n-propylbenzene	8.447	91	35164	1.94	ug/L		94
102) 2-chlorotoluene	8.550	126	6976	2.00	ug/L		89
103) 4-chlorotoluene	8.662	126	6724	2.02	ug/L	#	59
104) 1,3,5-trimethylbenzene	8.621	105	24085	1.87	ug/L		87
105) tert-butylbenzene	8.925	119	21032	2.00	ug/L		91
106) 1,2,4-trimethylbenzene	8.990	105	24309	1.93	ug/L		90
107) sec-butylbenzene	9.147	105	30330	2.01	ug/L		98
108) 1,3-dichlorobenzene	9.269	146	11739	1.99	ug/L		93
109) p-isopropyltoluene	9.285	119	23413	1.96	ug/L		85
110) 1,4-dichlorobenzene	9.368	146	10150	1.76	ug/L		90
111) 1,2,3-trimethylbenzene	9.384	105	21825	1.87	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355086.D
Acq On : 29 Apr 2023 7:21 pm
Operator : PrashanS
Sample : IC10779-2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:34:12 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:30:28 2023
Response via : Initial Calibration

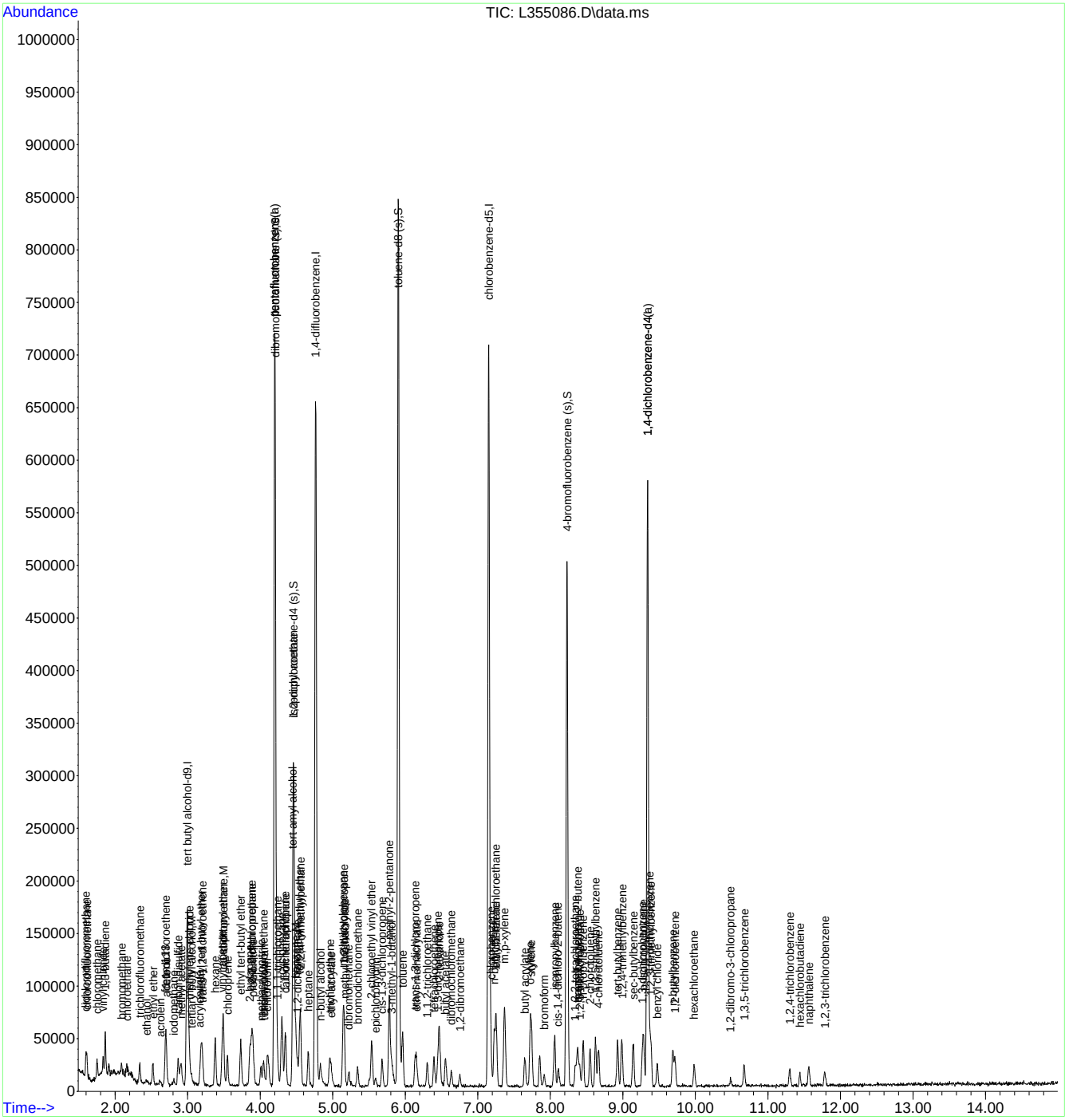
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
112) 1,2-dichlorobenzene	9.718	146	10574	1.87 ug/L	95
113) n-butylbenzene	9.692	92	10885	1.86 ug/L	85
114) 1,2-dibromo-3-chloropr...	10.482	157	1967	1.74 ug/L #	73
115) 1,3,5-trichlorobenzene	10.674	180	6968	1.96 ug/L	85
116) 1,2,4-trichlorobenzene	11.303	180	5187	1.73 ug/L	93
117) hexachlorobutadiene	11.441	225	2768	2.07 ug/L	87
118) naphthalene	11.566	128	13229	1.63 ug/L	94
119) 1,2,3-trichlorobenzene	11.788	180	4291	1.68 ug/L	82
120) hexachloroethane	9.981	119	4452	2.11 ug/L	78
121) benzyl chloride	9.471	91	16262	1.83 ug/L	91

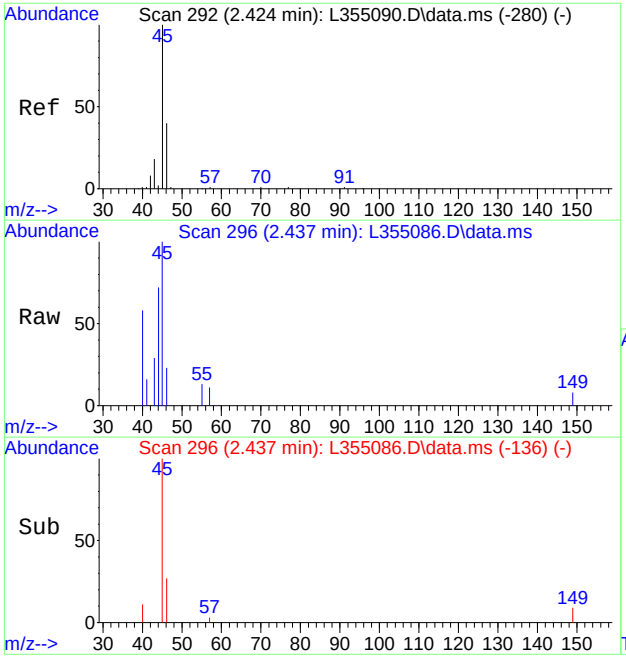
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355086.D
Acq On : 29 Apr 2023 7:21 pm
Operator : PrashanS
Sample : IC10779-2
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:34:12 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:30:28 2023
Response via : Initial Calibration

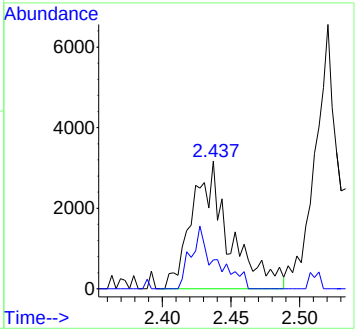


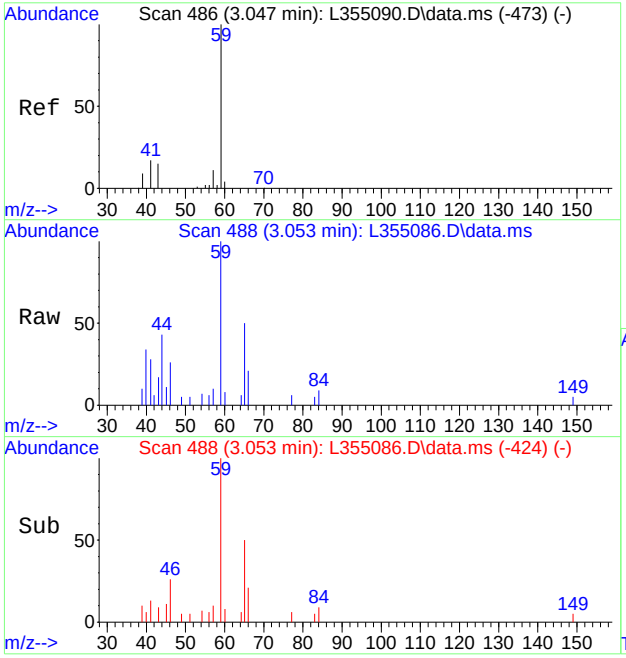


#3
ethanol
Concen: 195.54 ug/L
RT: 2.437 min Scan# 296
Delta R.T. 0.013 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 45 Resp: 6039

Ion	Ratio	Lower	Upper
45	100		
46	22.6	20.0	60.0

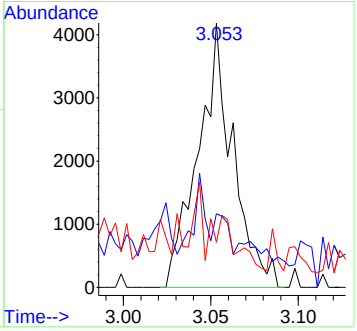


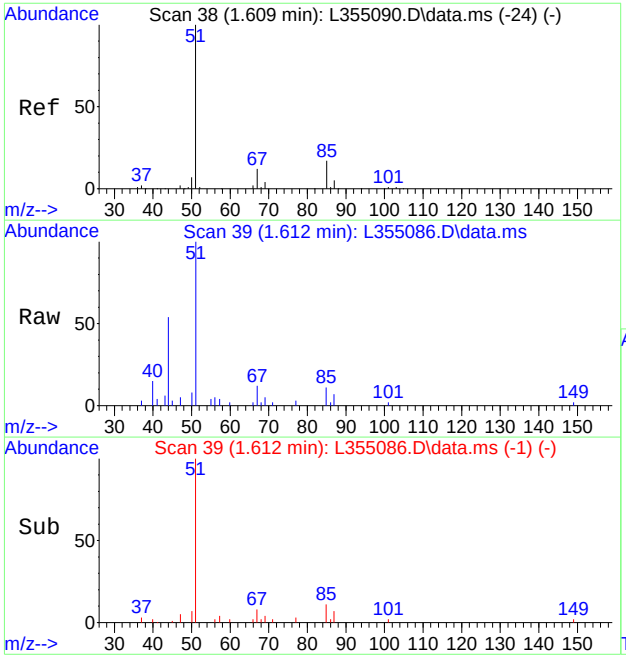


#4
tertiary butyl alcohol
Concen: 9.62 ug/L
RT: 3.053 min Scan# 488
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 59 Resp: 5799

Ion	Ratio	Lower	Upper
59	100		
41	17.8	0.0	47.4
43	10.8	0.0	44.8

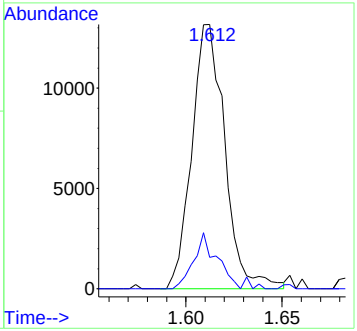


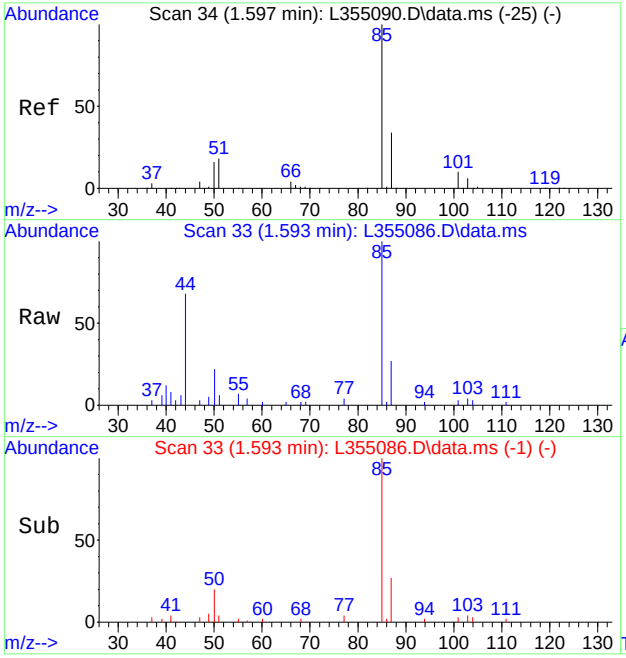


#6
chlorodifluoromethane
Concen: 1.73 ug/L
RT: 1.612 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 51 Resp: 15735

Ion	Ratio	Lower	Upper
51	100		
67	11.9	12.4	12.4#

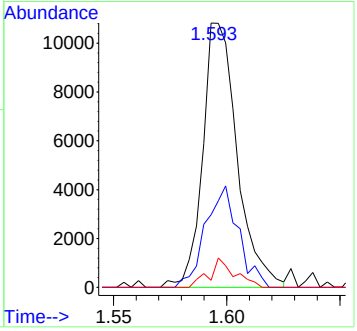


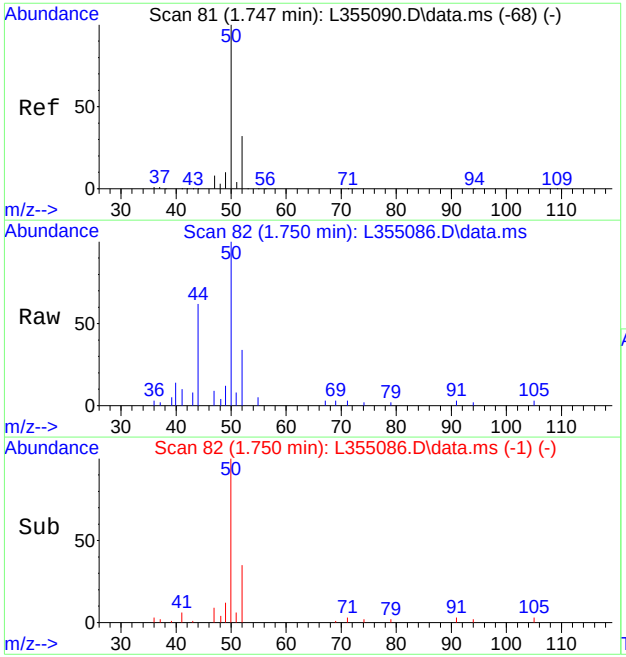


#7
dichlorodifluoromethane
Concen: 1.80 ug/L
RT: 1.593 min Scan# 33
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 85 Resp: 11444

Ion	Ratio	Lower	Upper
85	100		
87	27.4	3.9	63.9
101	2.7	0.0	39.7

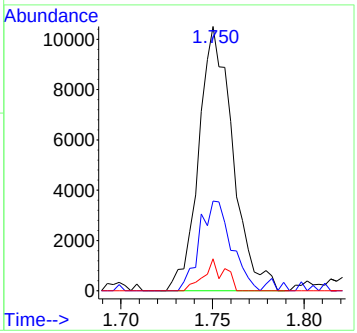


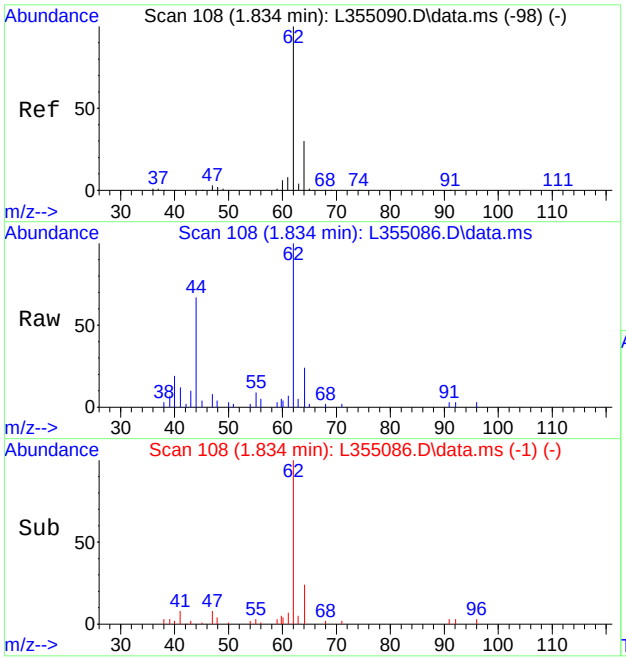


#8
chloromethane
Concen: 1.90 ug/L
RT: 1.750 min Scan# 82
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 50 Resp: 13590

Ion	Ratio	Lower	Upper
50	100		
52	33.9	1.7	61.7
49	12.1	0.0	40.1

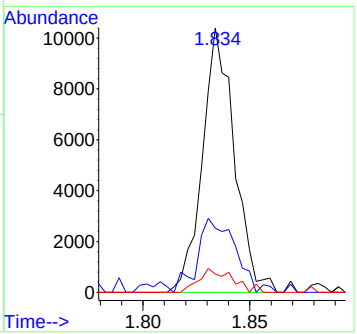


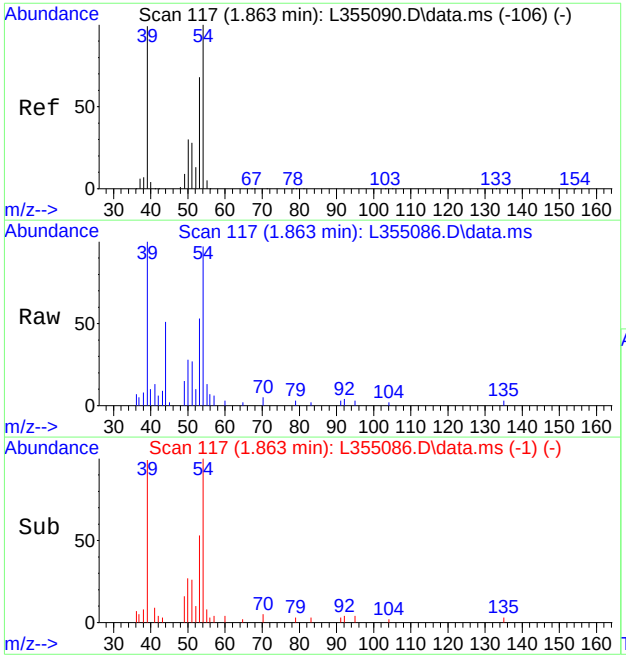


#9
vinyl chloride
Concen: 2.03 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 62 Resp: 10828

Ion	Ratio	Lower	Upper
62	100		
64	24.3	0.0	60.0
61	6.9	0.0	37.5

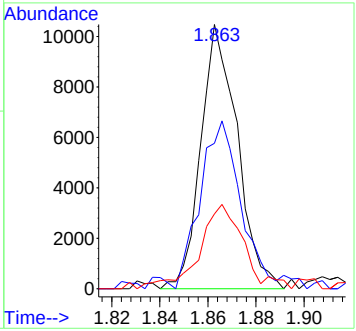


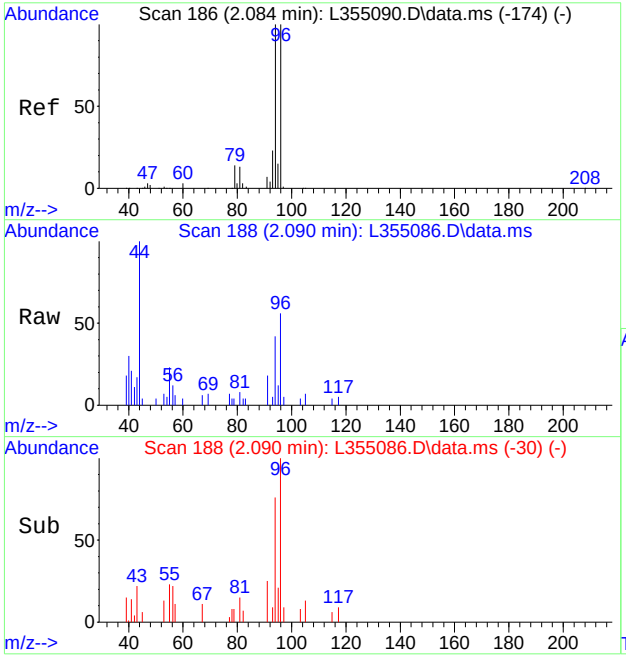


#10
1,3-butadiene
Concen: 1.71 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 54 Resp: 11062

Ion	Ratio	Lower	Upper
54	100		
53	50.7	38.4	98.4
51	25.1	0.0	57.9

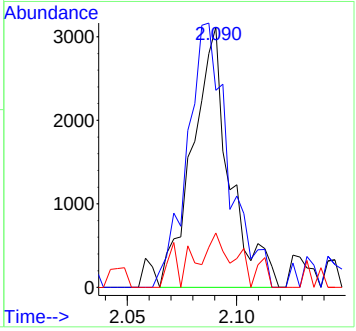


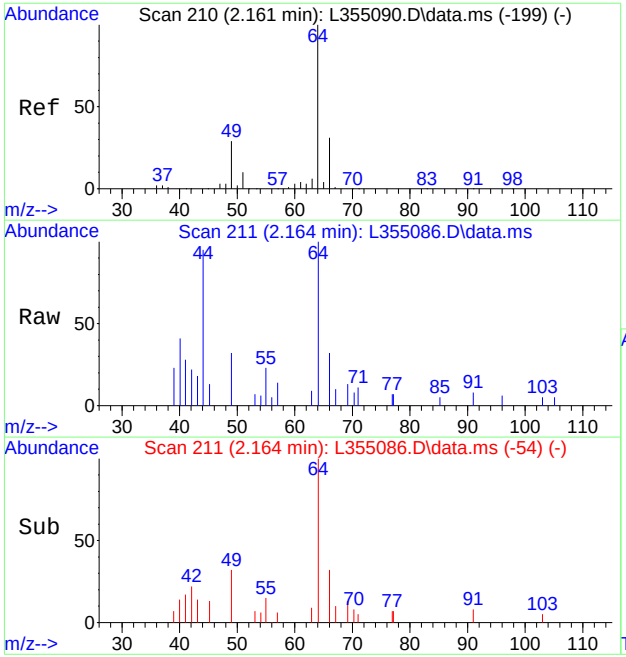


#11
bromomethane
Concen: 1.64 ug/L m
RT: 2.090 min Scan# 188
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 96 Resp: 3674

Ion	Ratio	Lower	Upper
96	100		
94	75.8	70.4	130.4
95	20.9	0.0	44.4

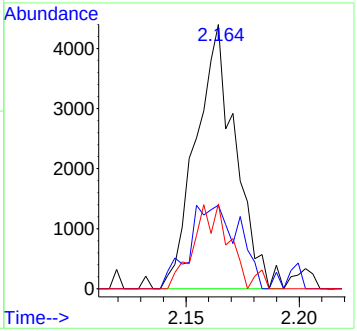


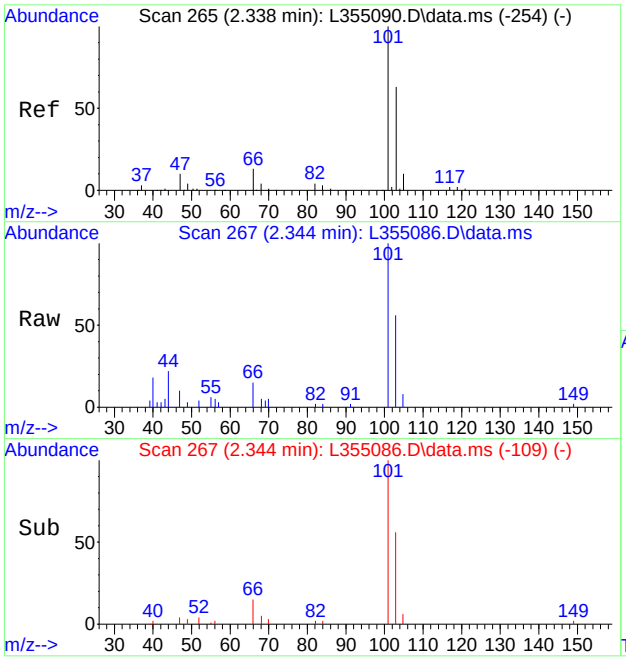


#12
chloroethane
Concen: 1.83 ug/L
RT: 2.164 min Scan# 211
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 64 Resp: 5351

Ion	Ratio	Lower	Upper
64	100		
66	31.6	1.3	61.3
49	32.1	0.0	58.9

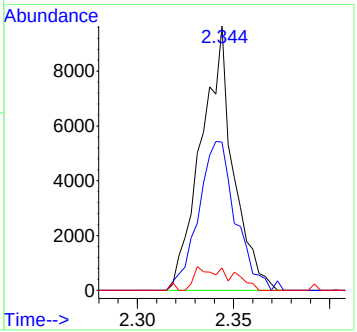


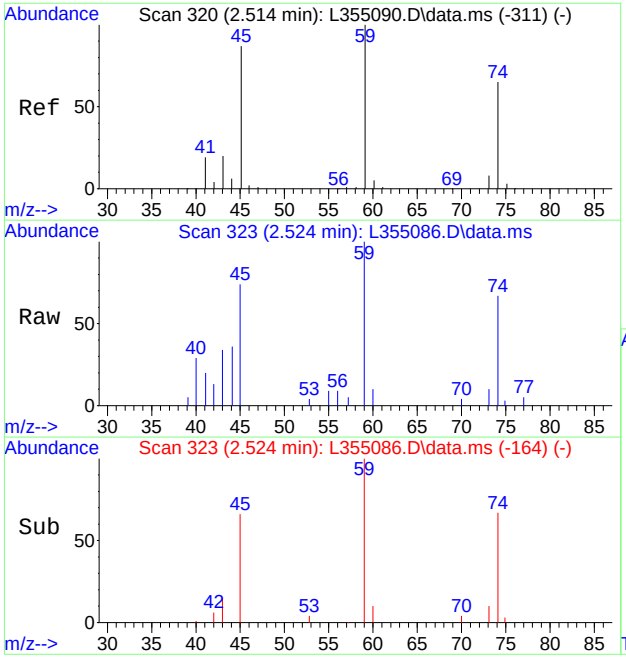


#13
trichlorofluoromethane
Concen: 1.99 ug/L
RT: 2.344 min Scan# 267
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:101 Resp: 11229

Ion	Ratio	Lower	Upper
101	100		
103	56.0	32.9	92.9
105	8.5	0.0	40.4

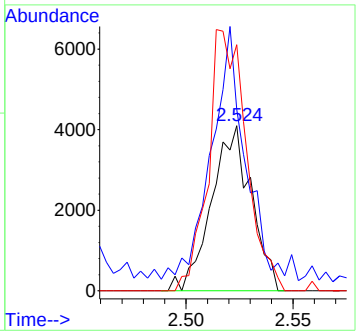


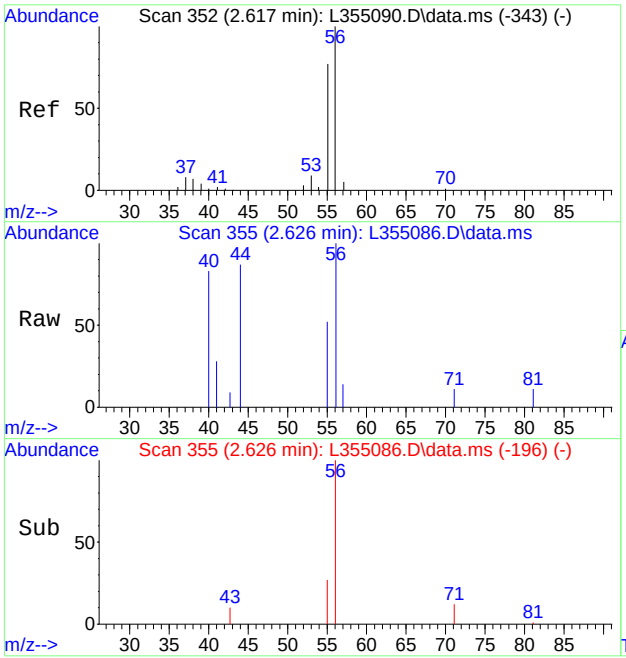


#14
ethyl ether
Concen: 2.16 ug/L
RT: 2.524 min Scan# 323
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 74 Resp: 5298

Ion	Ratio	Lower	Upper
74	100		
45	102.9	108.0	168.0#
59	149.2	124.3	184.3

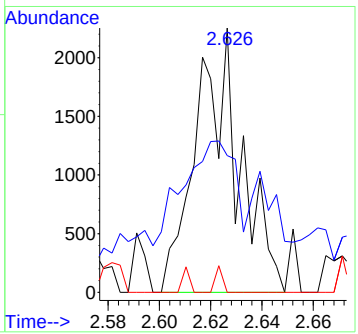


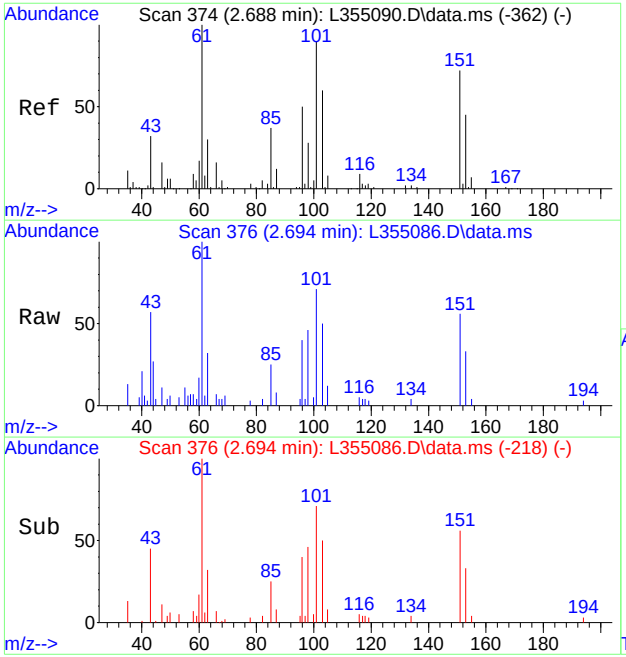


#15
acrolein
Concen: 2.23 ug/L
RT: 2.626 min Scan# 355
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 56 Resp: 2670

Ion	Ratio	Lower	Upper
56	100		
55	32.4	48.6	108.6#
53	0.0	0.0	38.7

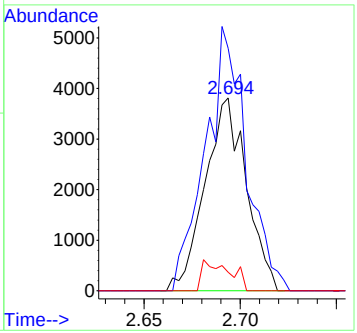


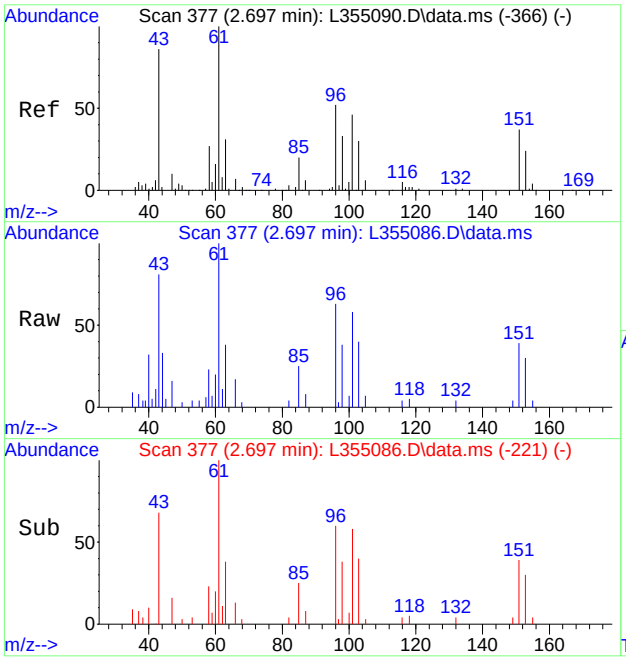


#16
freon 113
Concen: 1.75 ug/L
RT: 2.694 min Scan# 376
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:151 Resp: 5690

Ion	Ratio	Lower	Upper
151	100		
101	125.7	105.0	145.0
116	9.6	0.0	31.9

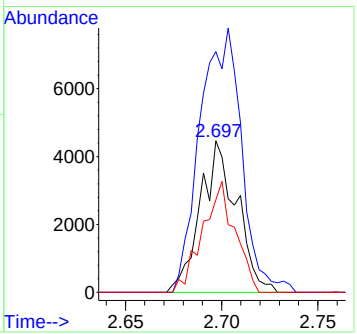


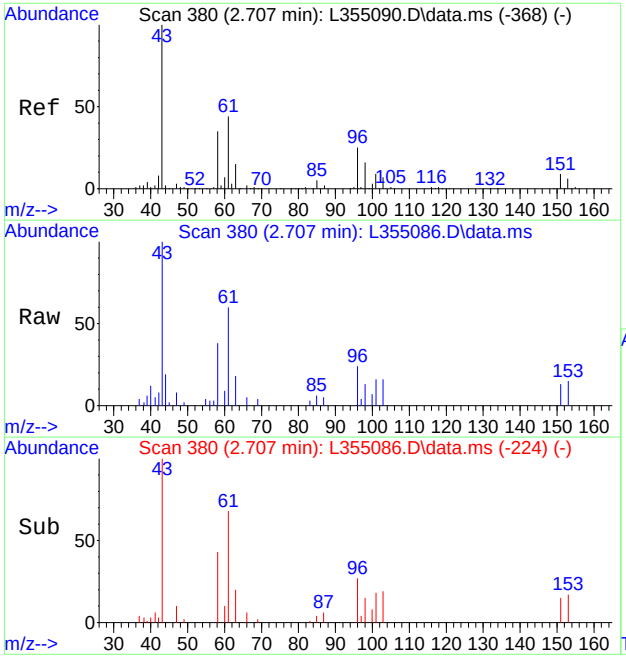


#17
1,1-dichloroethene
Concen: 1.93 ug/L
RT: 2.697 min Scan# 377
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 96 Resp: 5871

Ion	Ratio	Lower	Upper
96	100		
61	158.7	160.9	220.9#
63	61.1	29.9	89.9

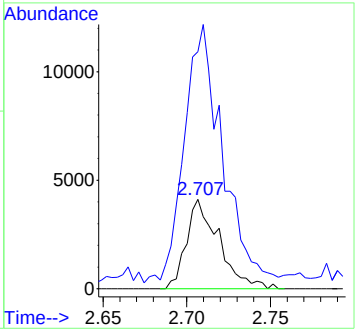


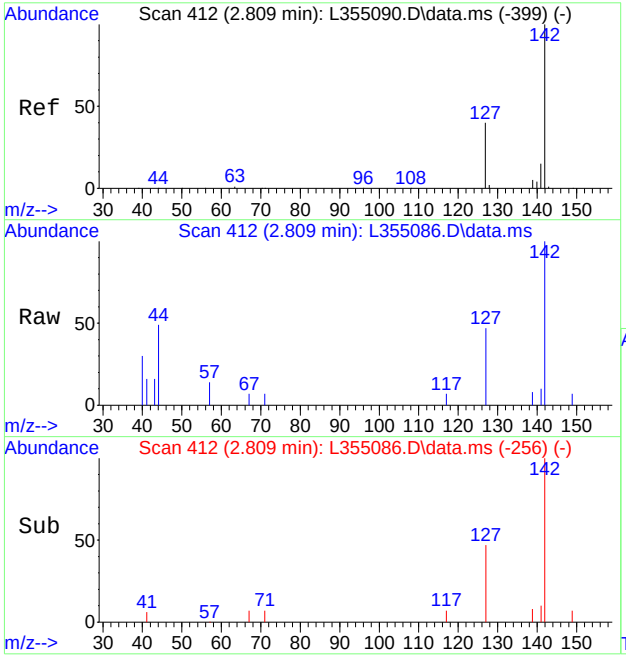


#18
acetone
Concen: 8.11 ug/L
RT: 2.707 min Scan# 380
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 58 Resp: 5591

Ion	Ratio	Lower	Upper
58	100		
43	255.2	253.7	313.7

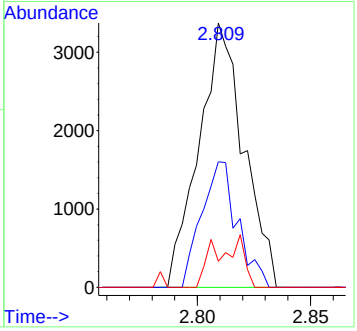


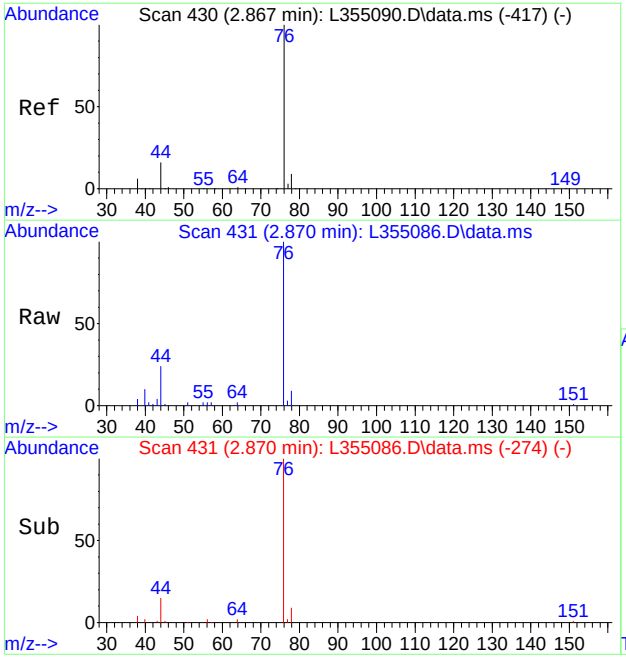


#20
iodomethane
Concen: 1.58 ug/L
RT: 2.809 min Scan# 412
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:142 Resp: 4657

Ion	Ratio	Lower	Upper
142	100		
127	47.5	9.8	69.8
141	9.9	0.0	45.4

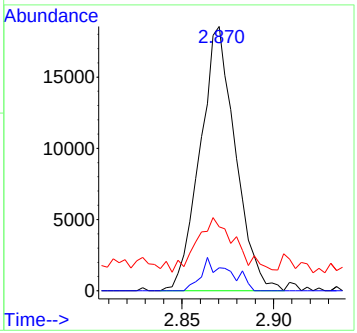


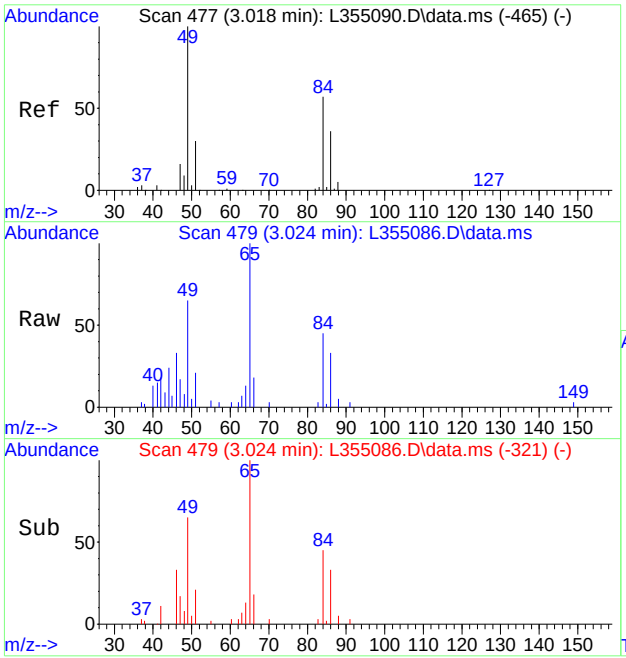


#22
carbon disulfide
Concen: 1.85 ug/L
RT: 2.870 min Scan# 431
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 76 Resp: 24967

Ion	Ratio	Lower	Upper
76	100		
78	8.7	0.0	39.1
44	15.8	0.0	45.8

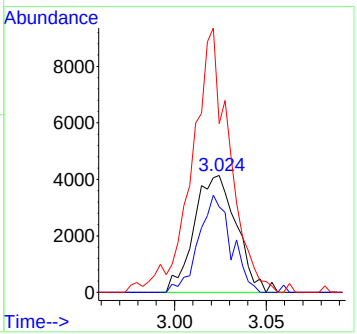


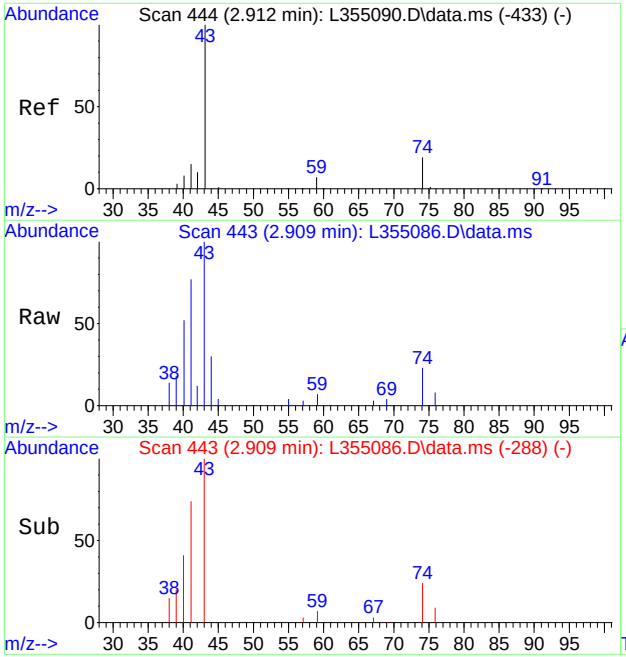


#23
methylene chloride
Concen: 1.69 ug/L
RT: 3.024 min Scan# 479
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 84 Resp: 6690

Ion	Ratio	Lower	Upper
84	100		
86	73.3	33.9	93.9
49	144.5	146.7	206.7#

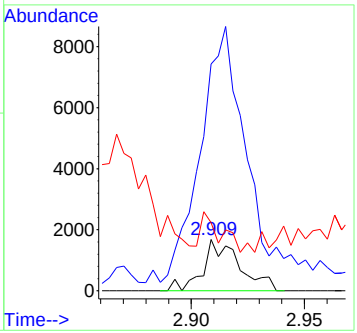


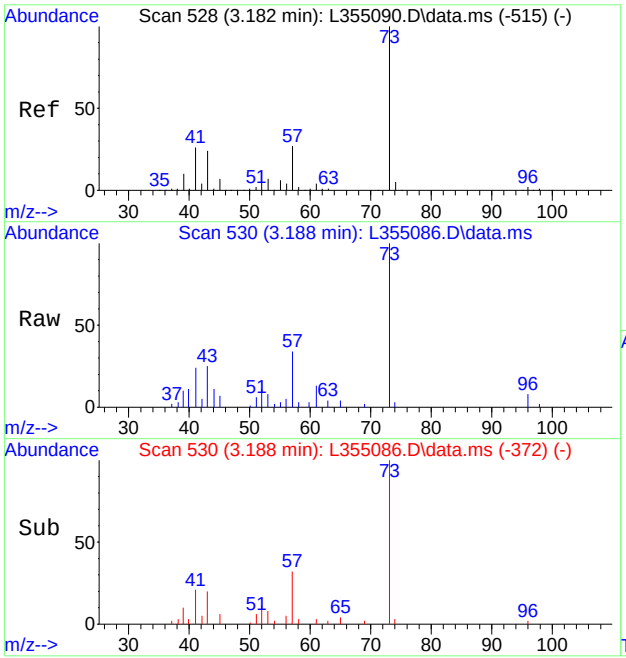


#24
methyl acetate
Concen: 1.87 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 74 Resp: 1873

Ion	Ratio	Lower	Upper
74	100		
43	424.6	495.9	555.9#
44	27.1	0.0	47.9

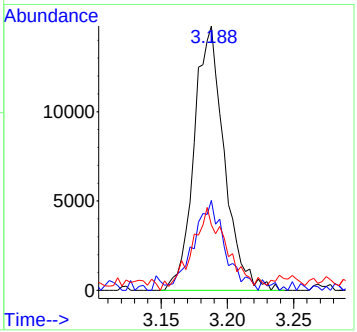


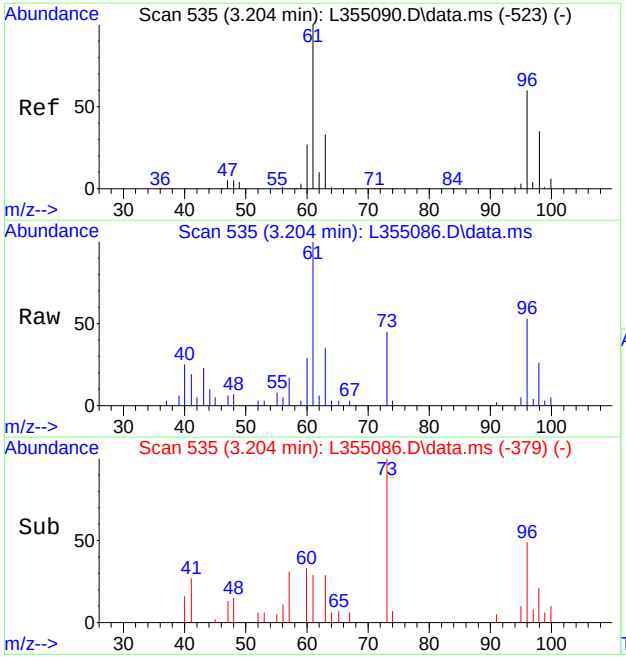


#25
methyl tert butyl ether
Concen: 1.92 ug/L
RT: 3.188 min Scan# 530
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 73 Resp: 23359

Ion	Ratio	Lower	Upper
73	100		
57	32.7	0.0	57.4
43	24.7	0.0	54.2

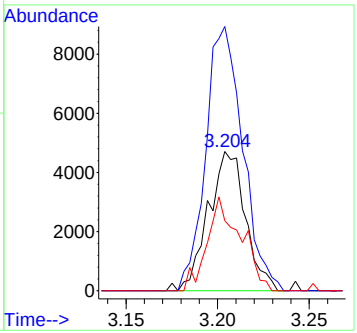


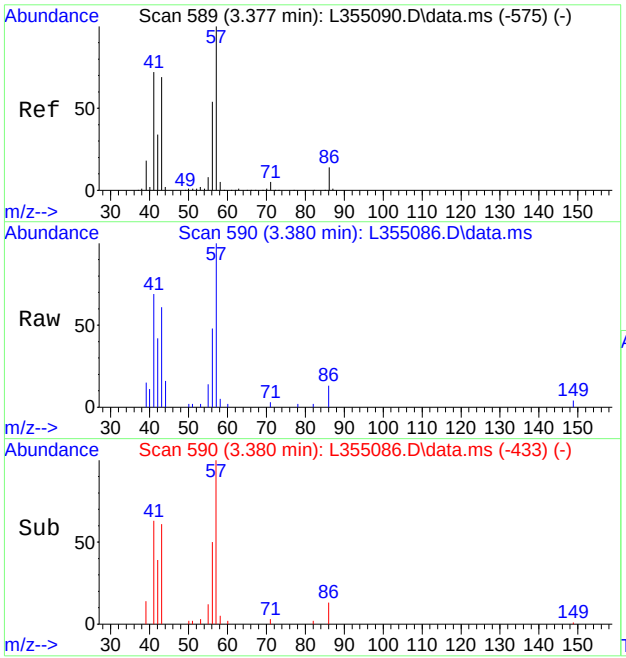


#26
trans-1,2-dichloroethene
Concen: 1.86 ug/L
RT: 3.204 min Scan# 535
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 96 Resp: 6665

Ion	Ratio	Lower	Upper
96	100		
61	189.8	136.4	196.4
98	50.3	28.2	88.2

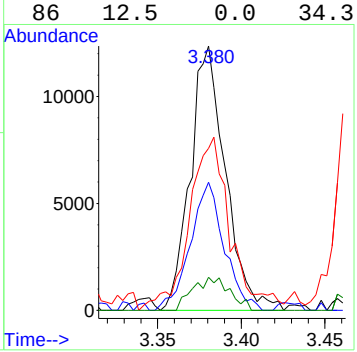


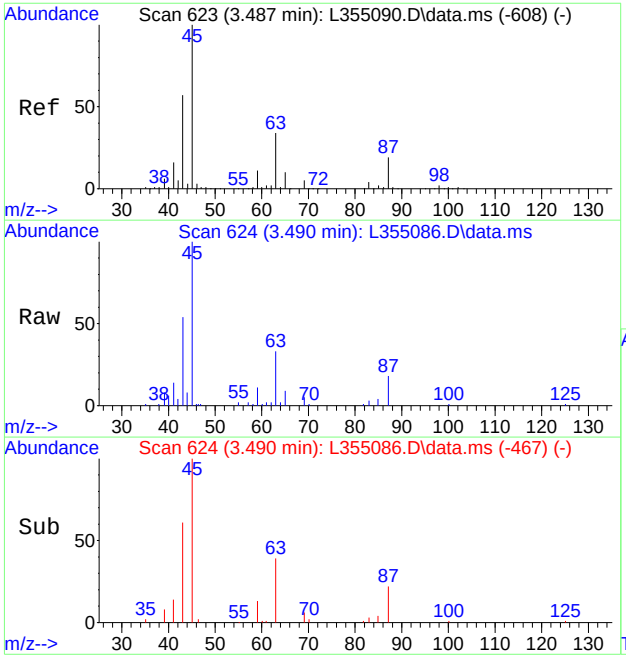


#27
hexane
Concen: 1.95 ug/L
RT: 3.380 min Scan# 590
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 57 Resp: 18092

Ion	Ratio	Lower	Upper
57	100		
56	46.4	33.8	73.8
43	59.0	49.1	89.1
86	12.5	0.0	34.3

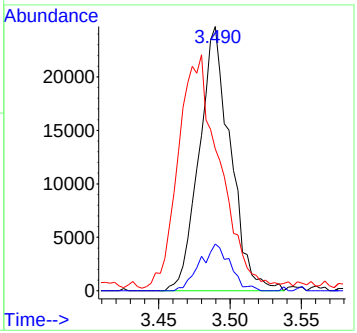


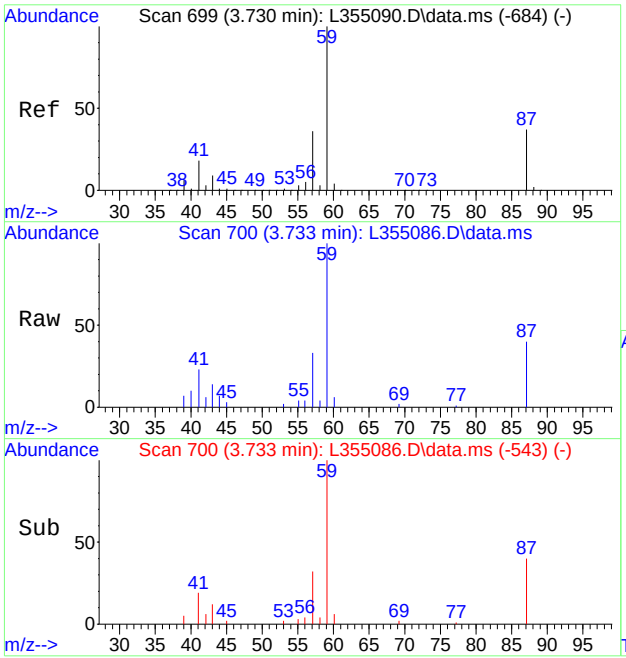


#28
di-isopropyl ether
Concen: 1.98 ug/L
RT: 3.490 min Scan# 624
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 45 Resp: 37502

Ion	Ratio	Lower	Upper
45	100		
87	17.7	0.0	49.3
43	50.8	27.4	87.4

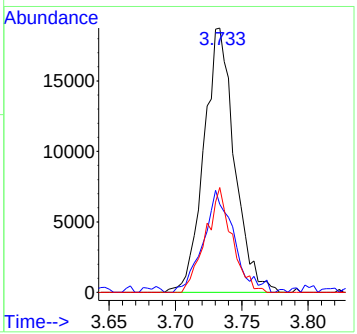


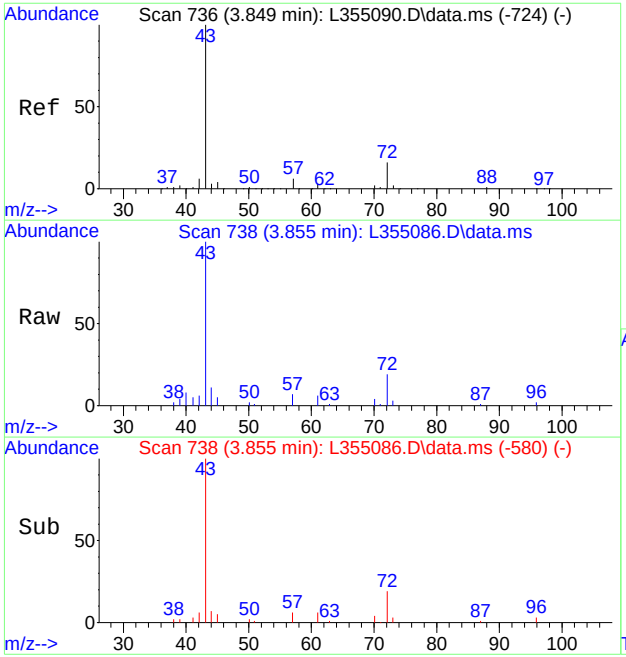


#29
ethyl tert-butyl ether
Concen: 1.95 ug/L
RT: 3.733 min Scan# 700
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 59 Resp: 30120

Ion	Ratio	Lower	Upper
59	100		
57	32.2	5.9	65.9
87	39.6	6.7	66.7

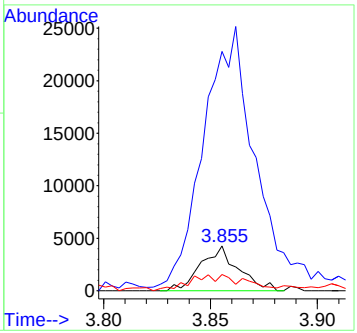


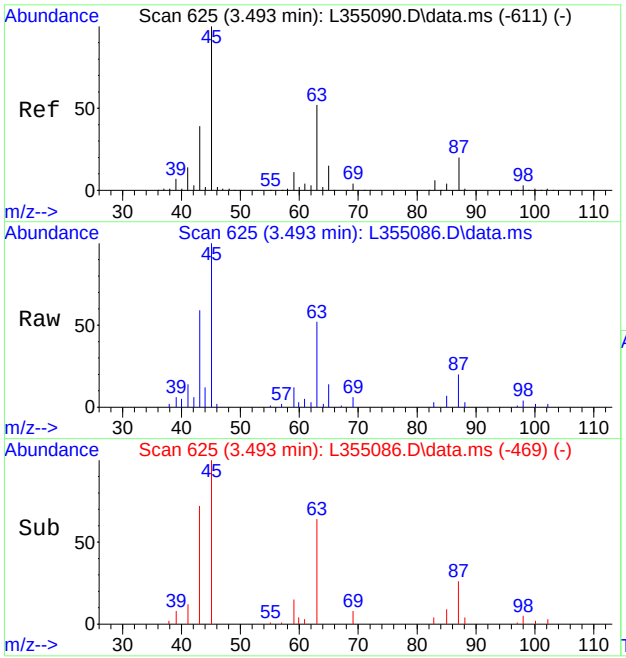


#30
2-butanone
Concen: 8.48 ug/L
RT: 3.855 min Scan# 738
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 72 Resp: 5174

Ion	Ratio	Lower	Upper
72	100		
43	519.0	604.7	664.7#
57	31.4	10.0	70.0

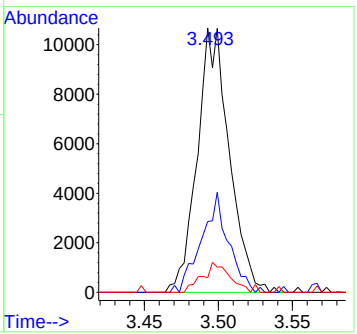


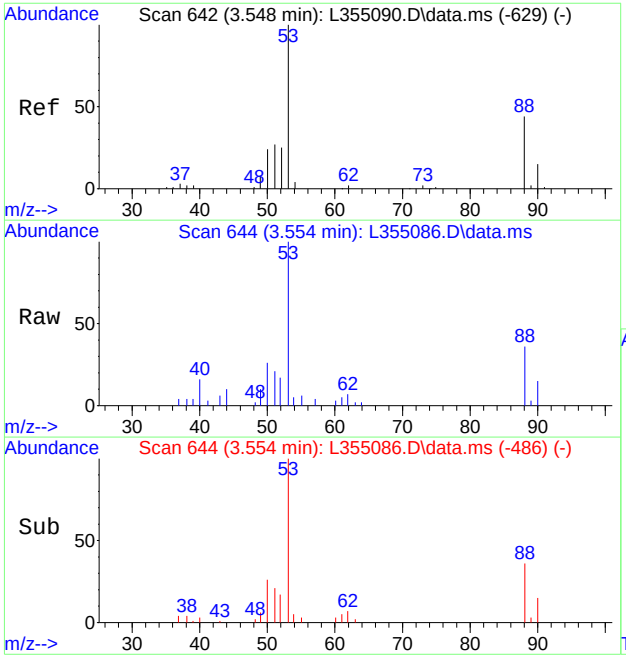


#31
1,1-dichloroethane
Concen: 2.06 ug/L
RT: 3.493 min Scan# 625
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 63 Resp: 16073

Ion	Ratio	Lower	Upper
63	100		
65	26.9	0.0	59.0
83	5.6	0.0	41.4

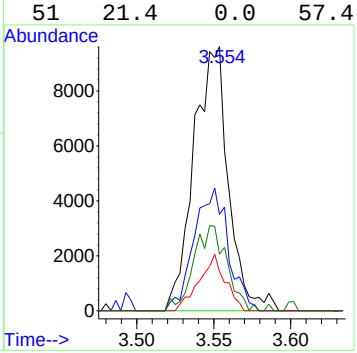


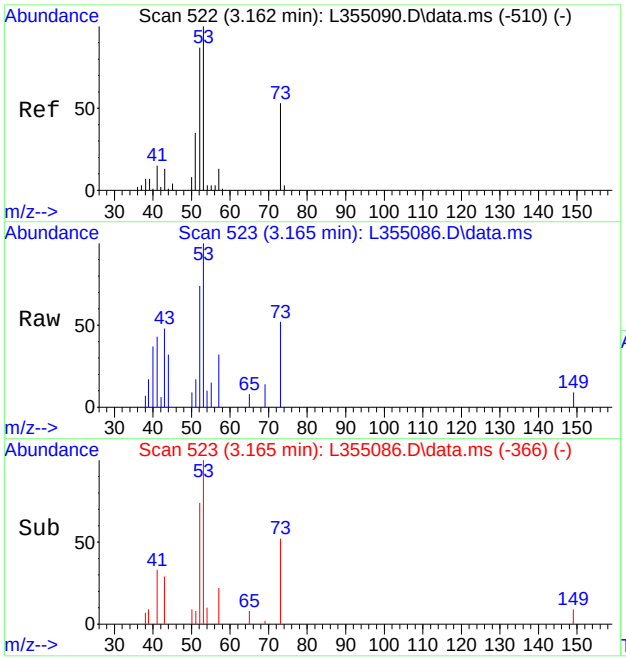


#32
chloroprene
Concen: 1.79 ug/L
RT: 3.554 min Scan# 644
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 53 Resp: 15092

Ion	Ratio	Lower	Upper
53	100		
88	36.5	14.5	74.5
90	14.9	0.0	45.2
51	21.4	0.0	57.4

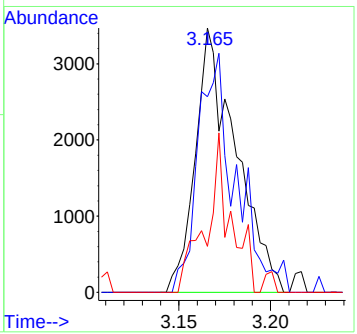


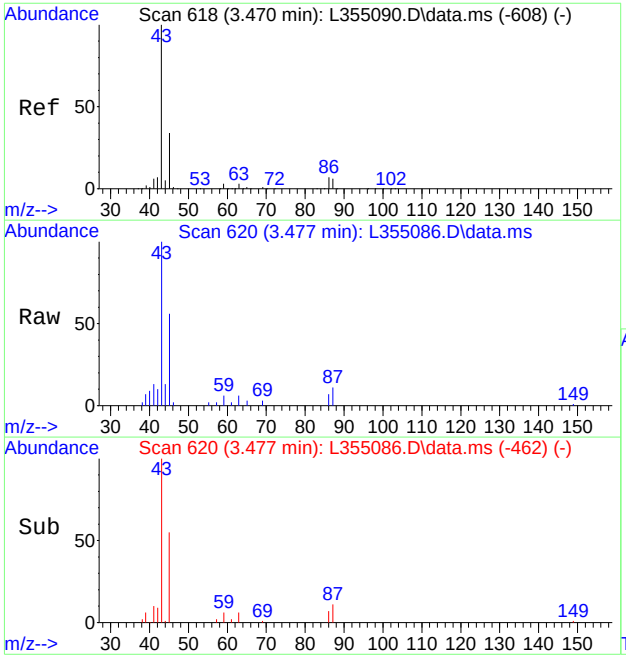


#33
acrylonitrile
Concen: 2.08 ug/L
RT: 3.165 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 53 Resp: 5361

Ion	Ratio	Lower	Upper
53	100		
52	74.0	57.3	117.3
51	17.4	5.3	65.3

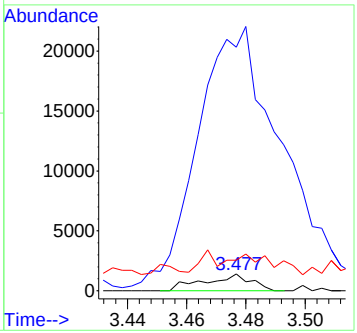


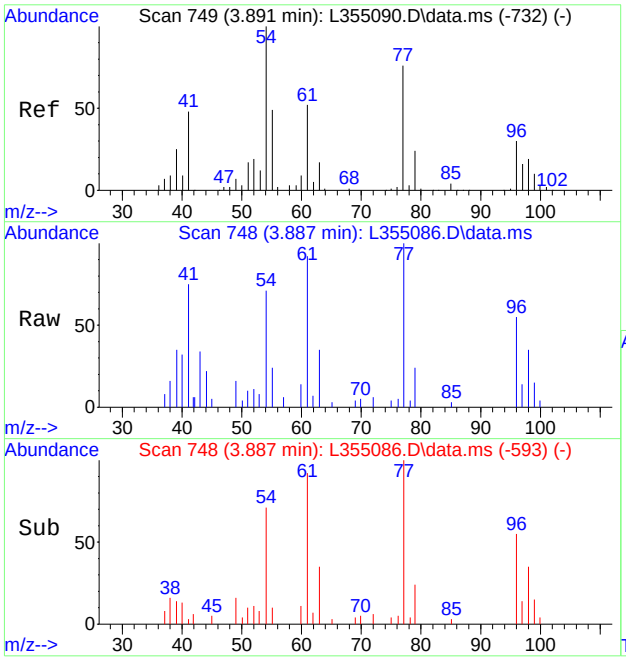


#34
vinyl acetate
Concen: 1.85 ug/L
RT: 3.477 min Scan# 620
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 86 Resp: 1524

Ion	Ratio	Lower	Upper
86	100		
43	1328.8	1461.6	1521.6#
44	25.8	45.2	105.2#

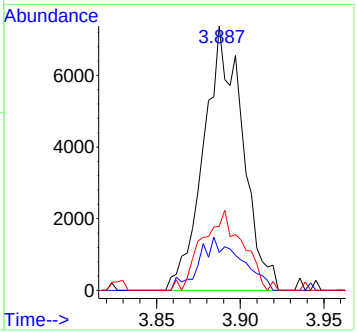


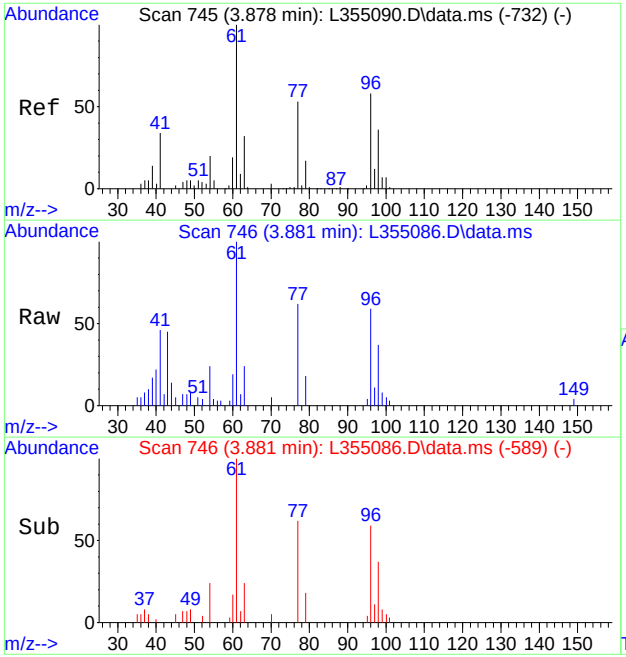


#36
2,2-dichloropropane
Concen: 1.95 ug/L
RT: 3.887 min Scan# 748
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 77 Resp: 11882

Ion	Ratio	Lower	Upper
77	100		
97	14.4	0.0	51.0
79	24.1	1.4	61.4

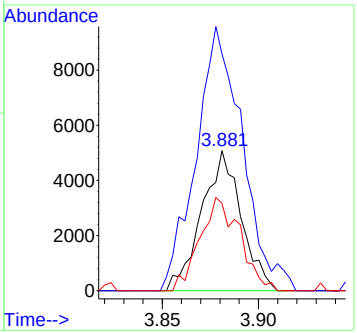


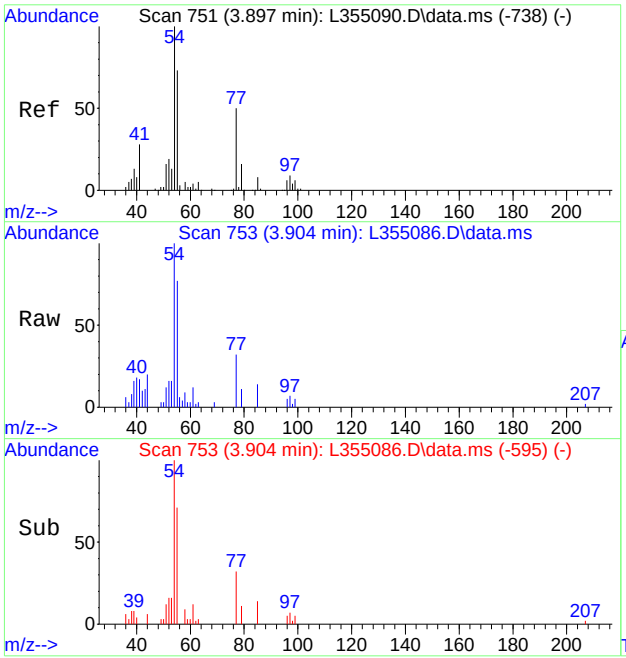


#37
cis-1,2-dichloroethene
Concen: 1.86 ug/L
RT: 3.881 min Scan# 746
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 96 Resp: 7242

Ion	Ratio	Lower	Upper
96	100		
61	168.8	141.8	201.8
98	62.4	32.2	92.2

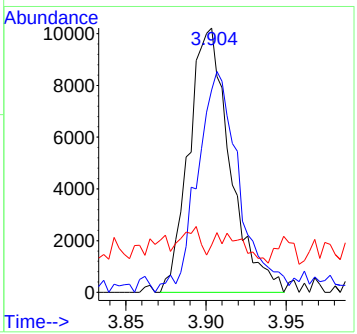


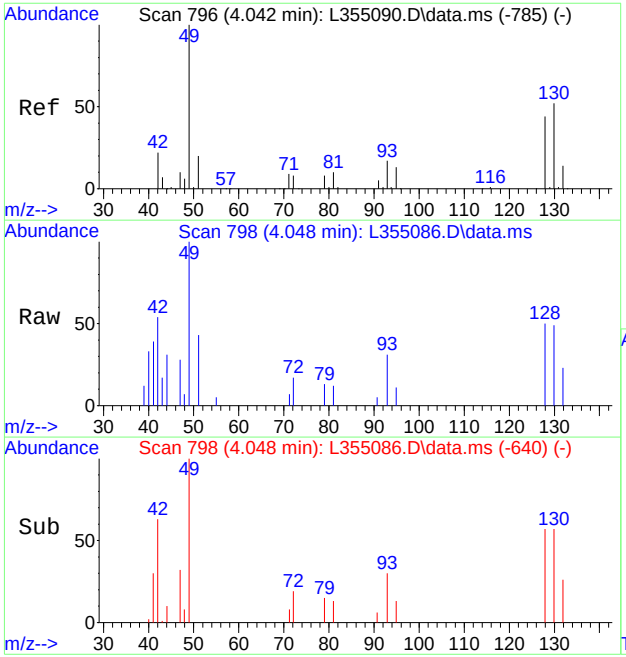


#38
propionitrile
Concen: 20.86 ug/L
RT: 3.904 min Scan# 753
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 54 Resp: 18251

Ion	Ratio	Lower	Upper
54	100		
55	75.8	43.2	103.2
40	0.0	0.0	38.0

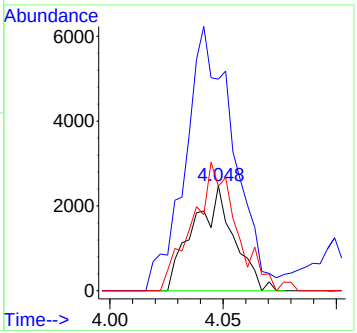


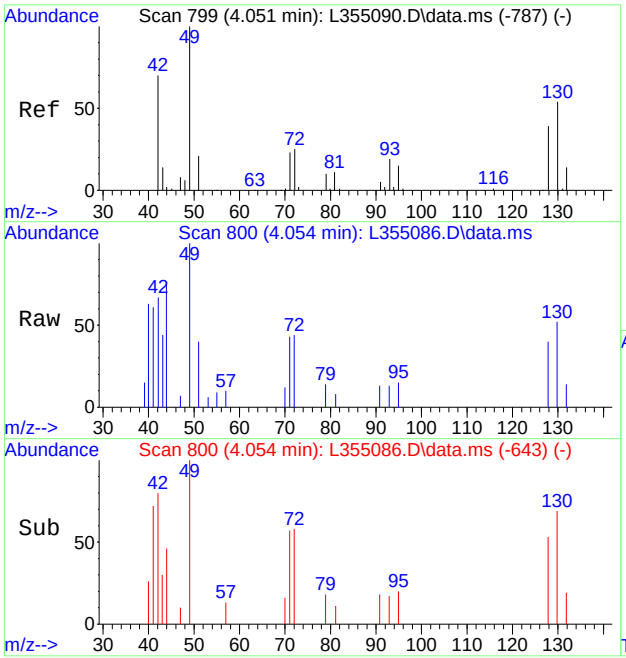


#40
bromochloromethane
Concen: 1.80 ug/L
RT: 4.048 min Scan# 798
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:128 Resp: 3084

Ion	Ratio	Lower	Upper
128	100		
49	185.9	196.9	256.9#
130	99.5	87.7	147.7

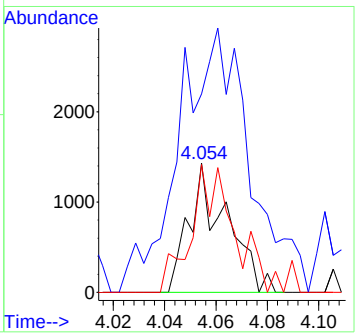


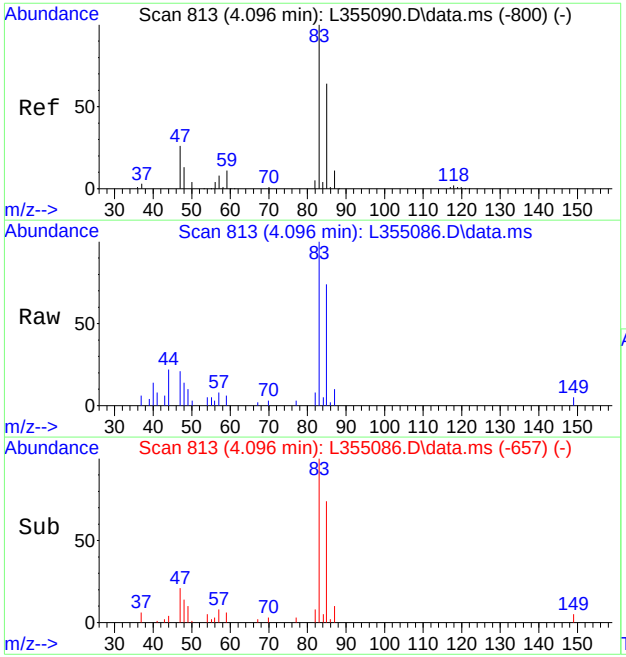


#41
tetrahydrofuran
Concen: 2.18 ug/L
RT: 4.054 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 72 Resp: 1469

Ion	Ratio	Lower	Upper
72	100		
42	112.1	246.3	306.3#
71	98.9	61.6	121.6

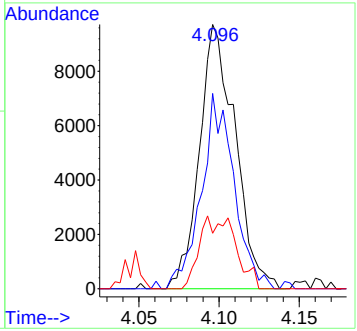


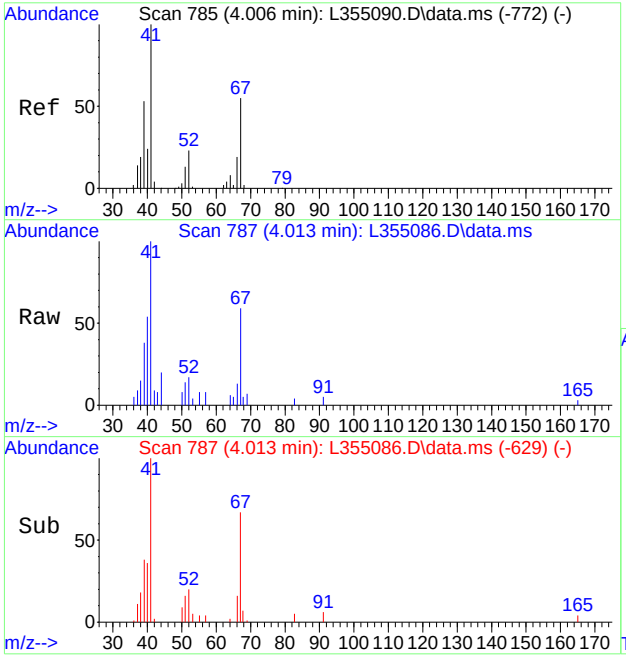


#42
chloroform
Concen: 2.11 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 83 Resp: 15069

Ion	Ratio	Lower	Upper
83	100		
85	73.8	34.3	94.3
47	21.0	0.0	59.3

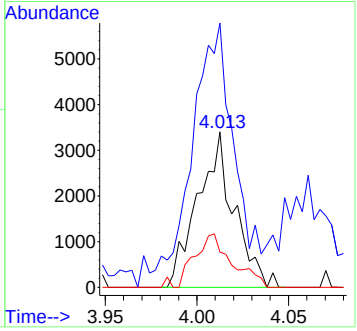


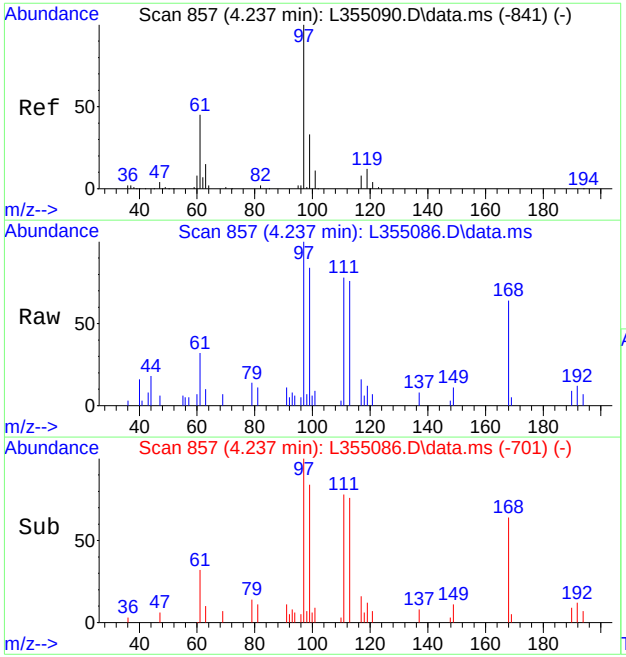


#44
methacrylonitrile
Concen: 2.31 ug/L
RT: 4.013 min Scan# 787
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 67 Resp: 4721

Ion	Ratio	Lower	Upper
67	100		
41	137.1	150.2	210.2#
66	20.8	3.6	63.6

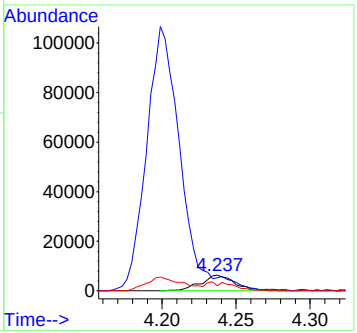


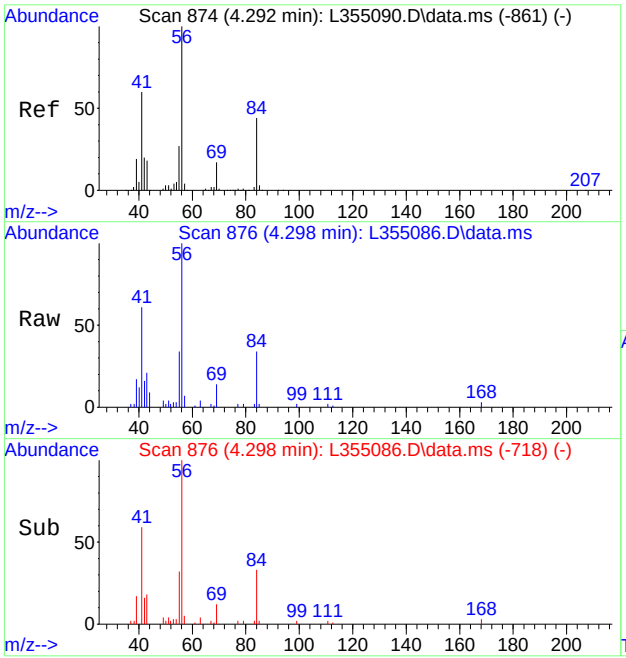


#45
1,1,1-trichloroethane
Concen: 1.98 ug/L
RT: 4.237 min Scan# 857
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 97 Resp: 10017

Ion	Ratio	Lower	Upper
97	100		
99	74.6	33.3	93.3
61	32.5	14.9	74.9

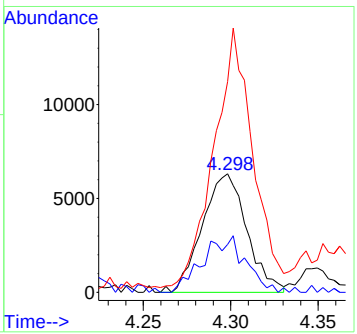


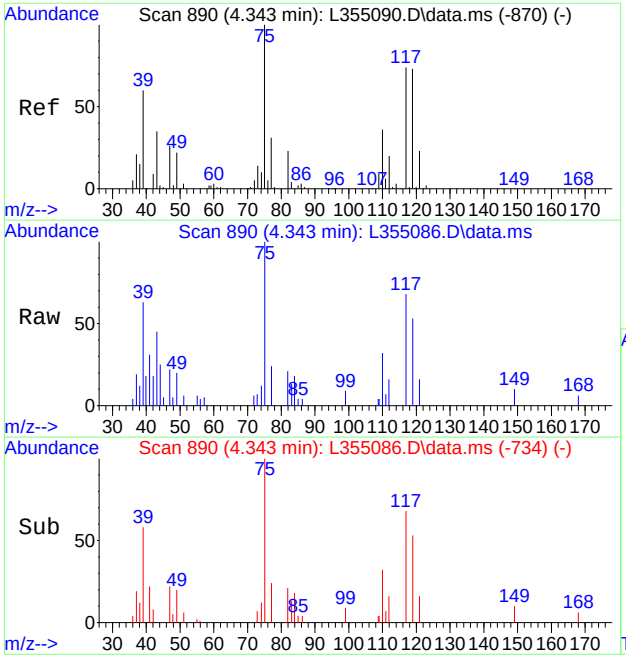


#46
cyclohexane
Concen: 1.96 ug/L
RT: 4.298 min Scan# 876
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 84 Resp: 11213

Ion	Ratio	Lower	Upper
84	100		
69	40.4	17.8	57.8
41	173.5	116.7	156.7#

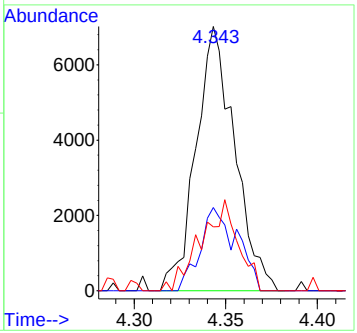


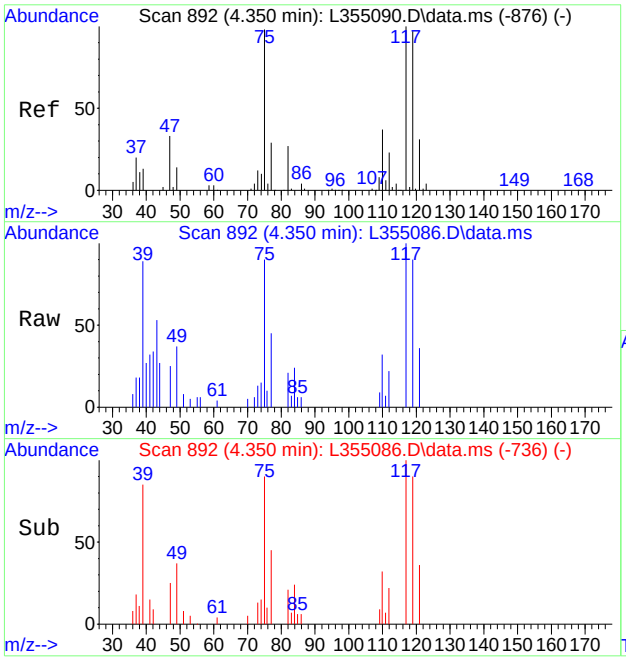


#47
1,1-dichloropropene
Concen: 2.10 ug/L
RT: 4.343 min Scan# 890
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 75 Resp: 10346

Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.8	55.8
77	24.2	11.6	51.6

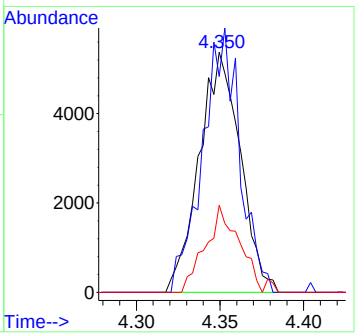


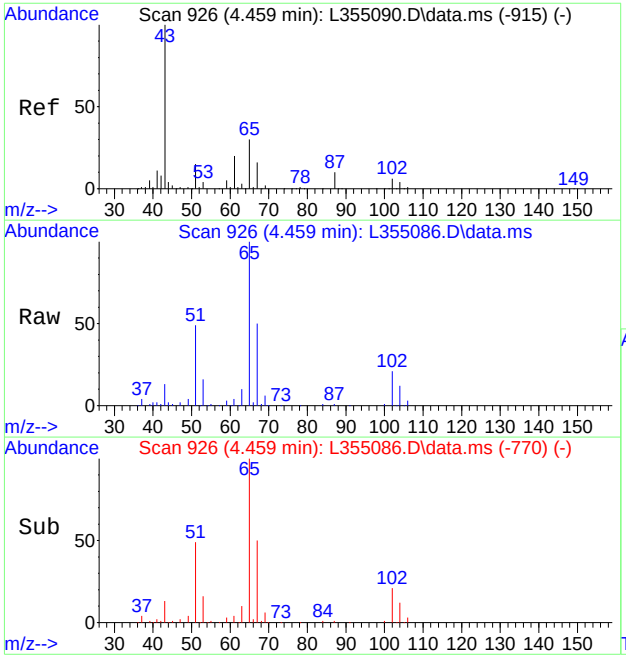


#48
carbon tetrachloride
Concen: 2.02 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:117 Resp: 9198

Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.1	117.1
121	36.3	11.1	51.1

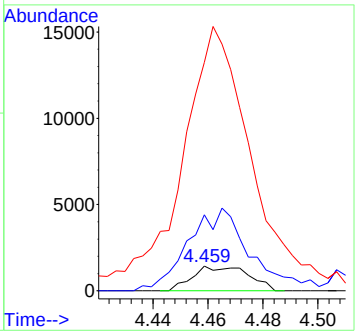


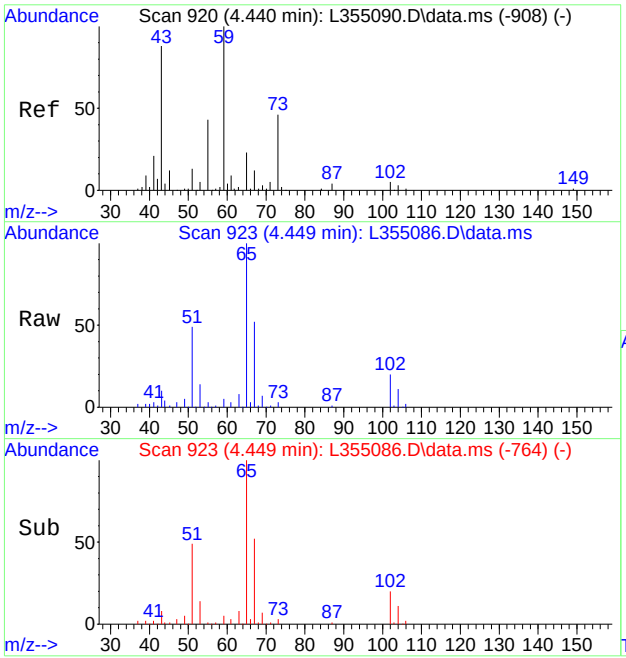


#49
isopropyl acetate
Concen: 1.88 ug/L
RT: 4.459 min Scan# 926
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 87 Resp: 2001

Ion	Ratio	Lower	Upper
87	100		
61	258.2	185.6	225.6#
43	731.6	1029.1	1089.1#

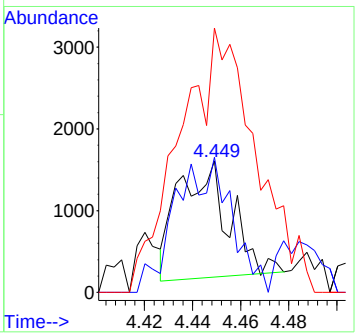


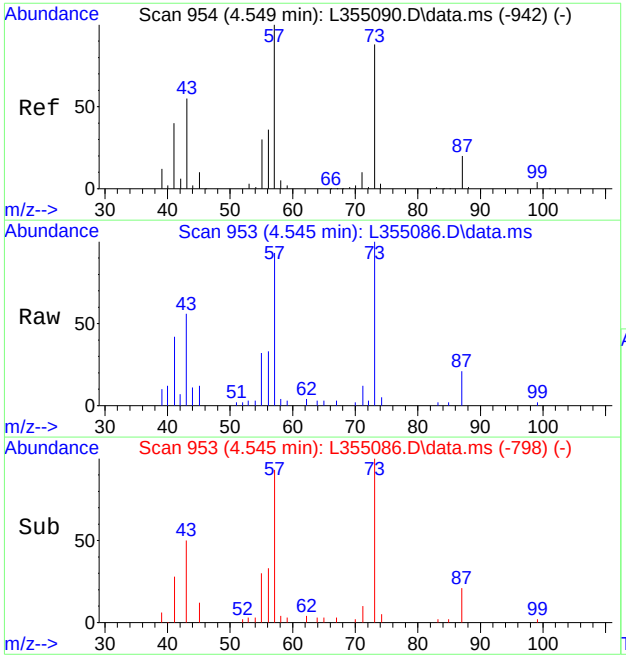


#50
tert amyl alcohol
Concen: 9.28 ug/L
RT: 4.449 min Scan# 923
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 55 Resp: 2079

Ion	Ratio	Lower	Upper
55	100		
73	104.7	87.0	127.0
59	164.7	211.2	251.2#

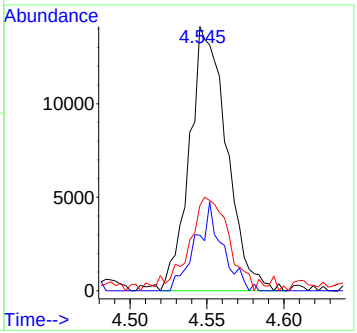


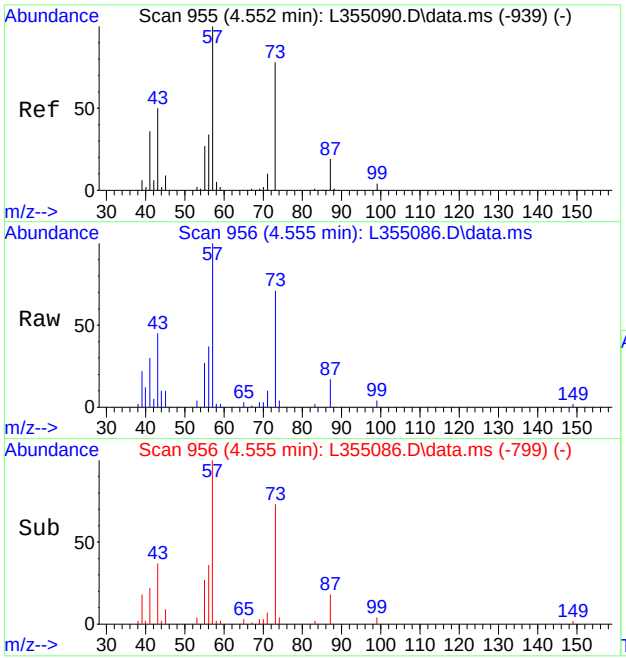


#53
tert-amyl methyl ether
Concen: 2.00 ug/L
RT: 4.545 min Scan# 953
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 73 Resp: 23739

Ion	Ratio	Lower	Upper
73	100		
87	21.0	2.5	42.5
55	30.4	14.1	54.1

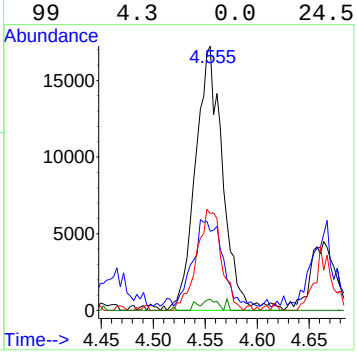


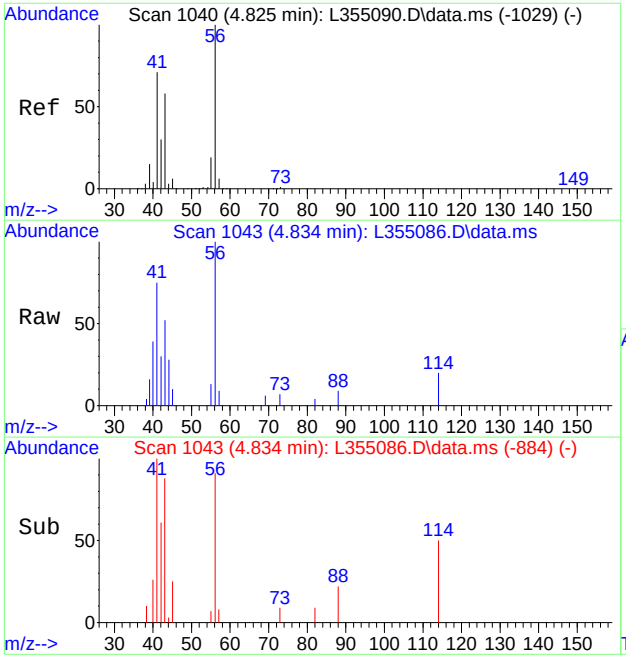


#54
2,2,4-trimethylpentane
Concen: 2.04 ug/L
RT: 4.555 min Scan# 956
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 57 Resp: 31408

Ion	Ratio	Lower	Upper
57	100		
41	28.3	15.5	55.5
56	36.6	14.0	54.0
99	4.3	0.0	24.5

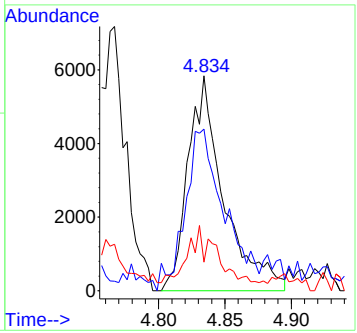


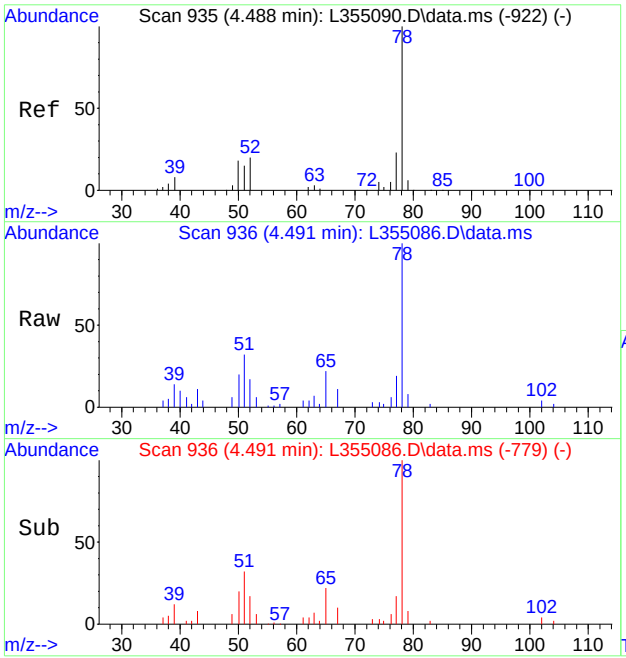


#55
n-butyl alcohol
Concen: 110.30 ug/L
RT: 4.834 min Scan# 1043
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 56 Resp: 10946

Ion	Ratio	Lower	Upper
56	100		
41	70.0	40.6	100.6
55	9.5	0.0	48.8

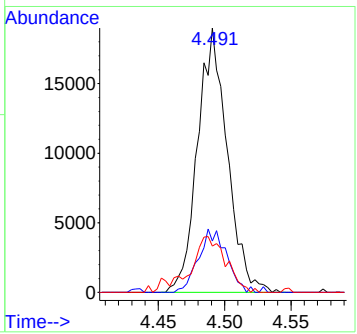


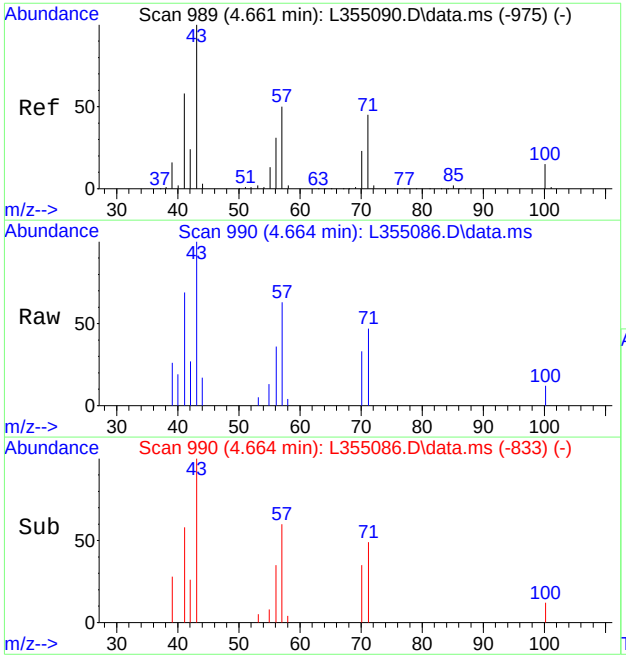


#56
benzene
Concen: 2.04 ug/L
RT: 4.491 min Scan# 936
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 78 Resp: 29555

Ion	Ratio	Lower	Upper
78	100		
77	19.4	0.0	53.0
52	16.1	0.0	50.0

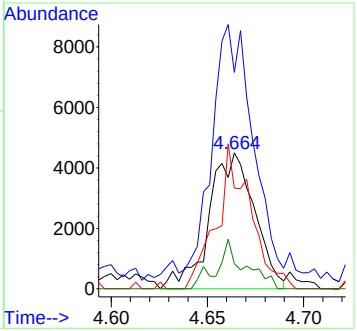


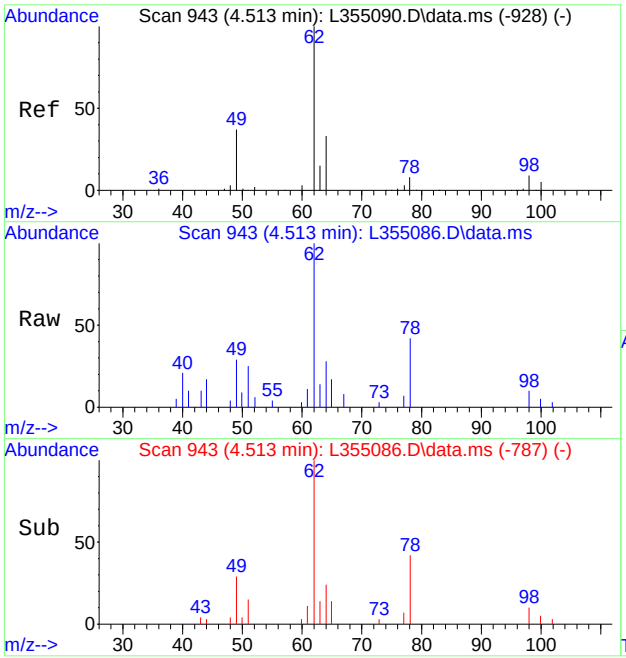


#57
heptane
Concen: 2.35 ug/L
RT: 4.664 min Scan# 990
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 57 Resp: 7411

Ion	Ratio	Lower	Upper
57	100		
43	148.6	170.1	230.1#
71	69.0	59.7	119.7
100	18.6	0.0	59.5

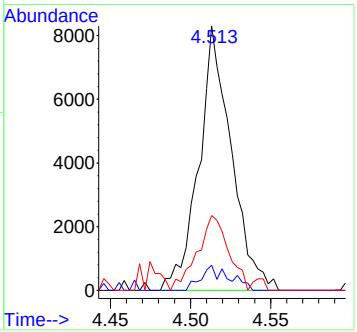


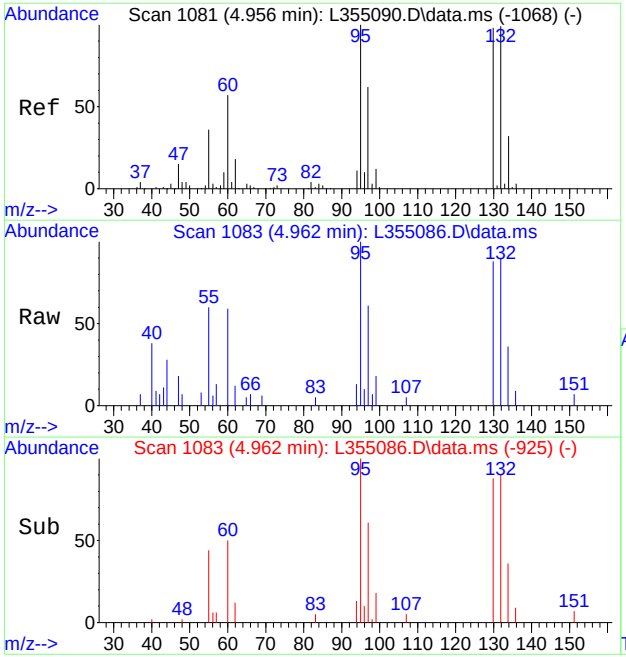


#58
1,2-dichloroethane
Concen: 2.15 ug/L
RT: 4.513 min Scan# 943
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 62 Resp: 11716

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	39.1
64	28.3	2.9	62.9

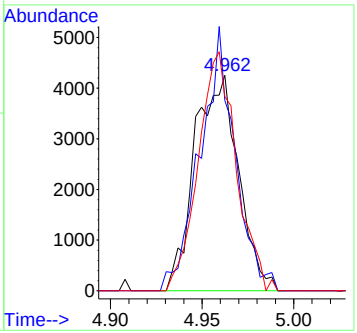


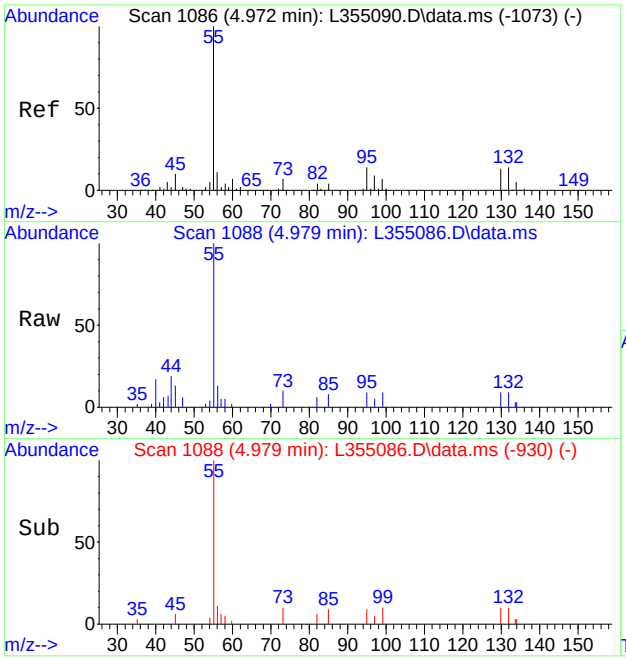


#59
trichloroethene
Concen: 1.86 ug/L
RT: 4.962 min Scan# 1083
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 95 Resp: 7116

Ion	Ratio	Lower	Upper
95	100		
130	88.3	68.4	128.4
132	90.2	68.7	128.7

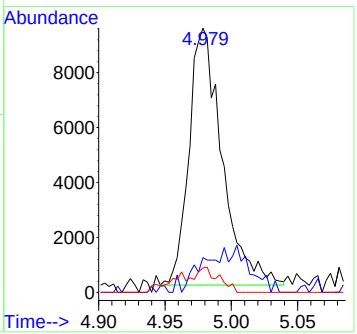


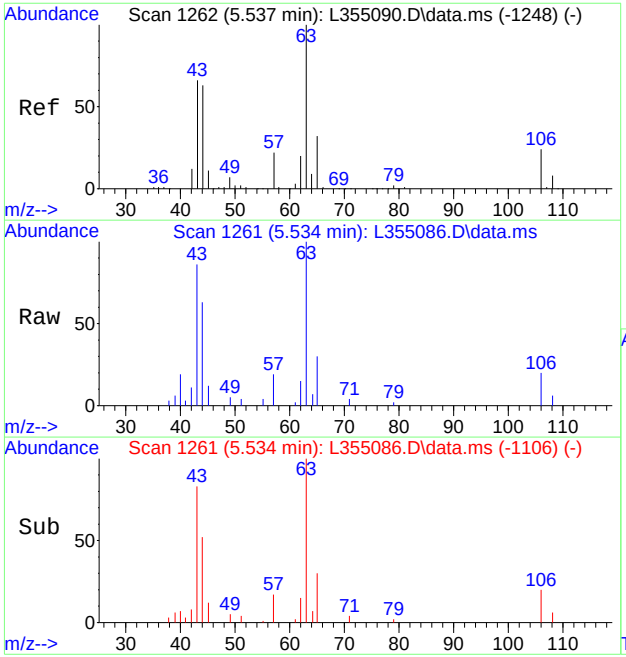


#60
ethyl acrylate
Concen: 2.11 ug/L
RT: 4.979 min Scan# 1088
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 55 Resp: 16250

Ion	Ratio	Lower	Upper
55	100		
45	13.5	0.0	30.3
99	9.5	0.0	27.2

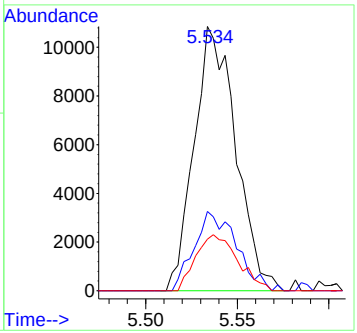


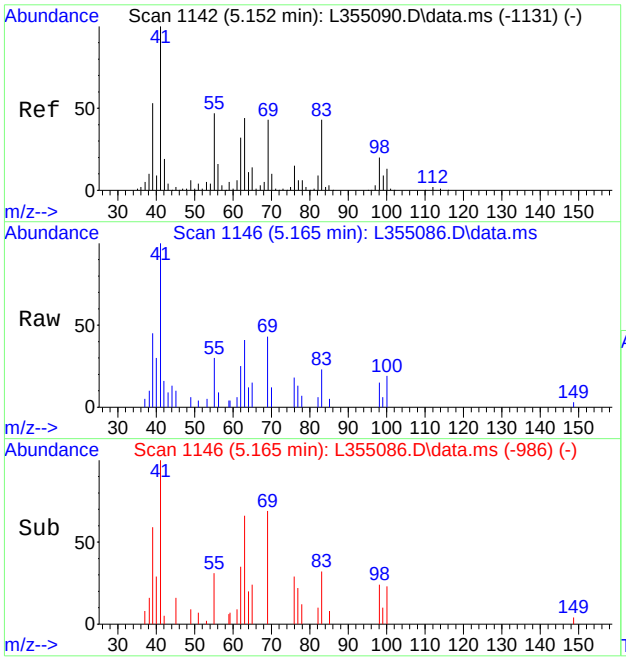


#62
2-chloroethyl vinyl ether
Concen: 9.98 ug/L
RT: 5.534 min Scan# 1261
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 63 Resp: 17188

Ion	Ratio	Lower	Upper
63	100		
65	30.0	2.0	62.0
106	19.5	0.0	53.7

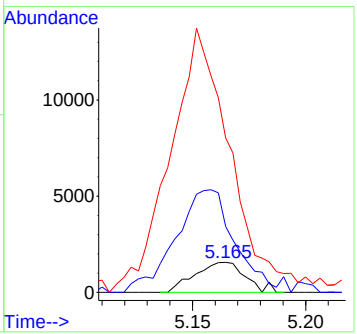


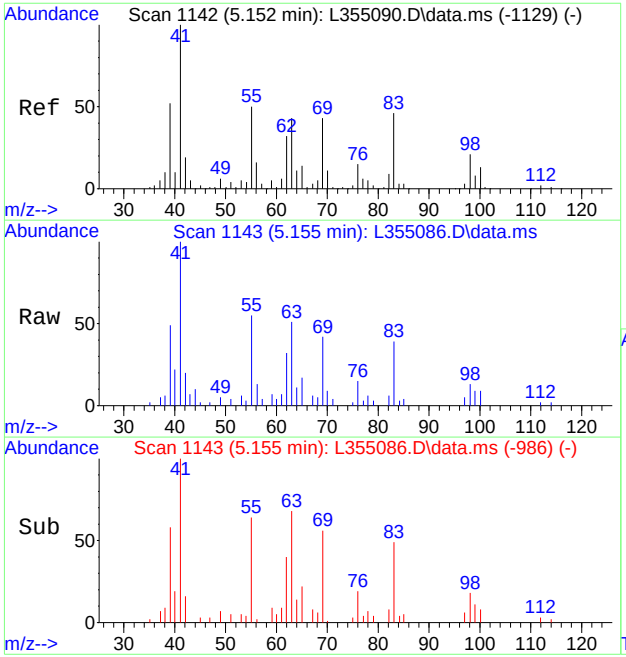


#63
methyl methacrylate
Concen: 2.18 ug/L
RT: 5.165 min Scan# 1146
Delta R.T. 0.013 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:100 Resp: 2433

Ion	Ratio	Lower	Upper
100	100		
69	166.8	303.9	363.9#
41	450.9	748.3	808.3#

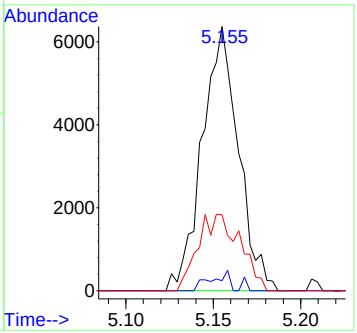


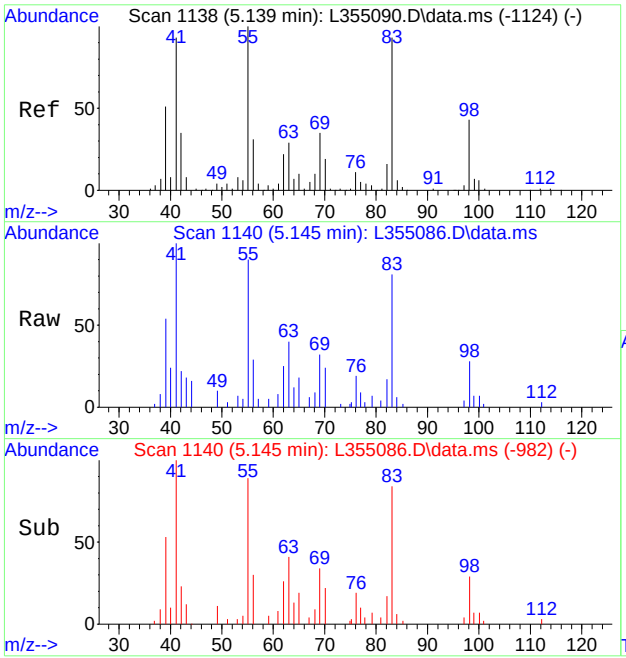


#64
1,2-dichloropropane
Concen: 1.94 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 63 Resp: 9200

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	33.9
76	28.8	3.9	63.9

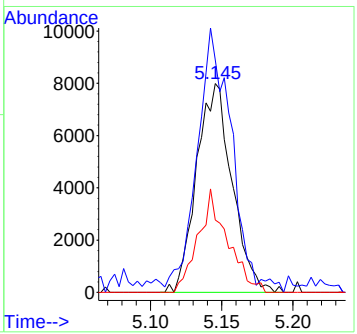


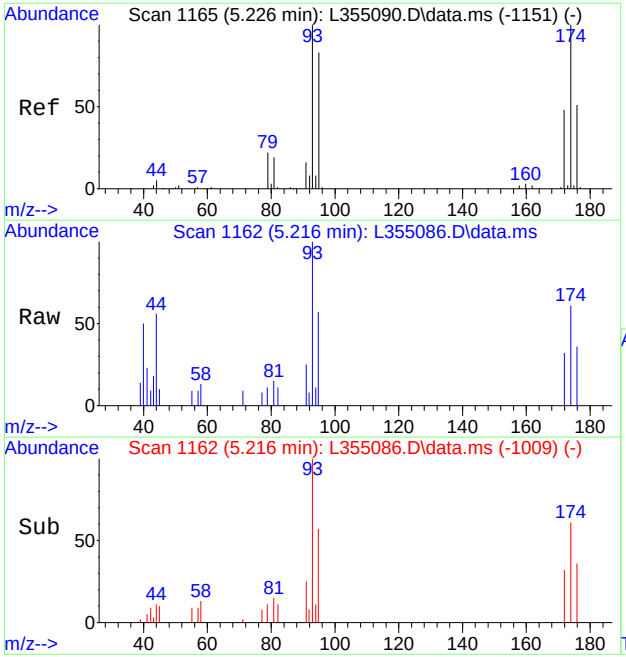


#65
methylcyclohexane
Concen: 1.97 ug/L
RT: 5.145 min Scan# 1140
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 83 Resp: 13867

Ion	Ratio	Lower	Upper
83	100		
55	111.2	77.0	137.0
98	34.6	16.0	76.0

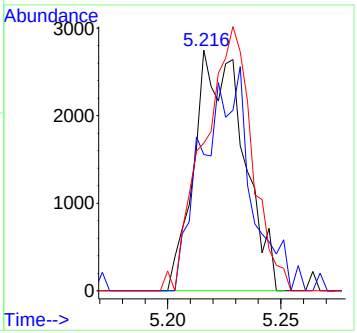


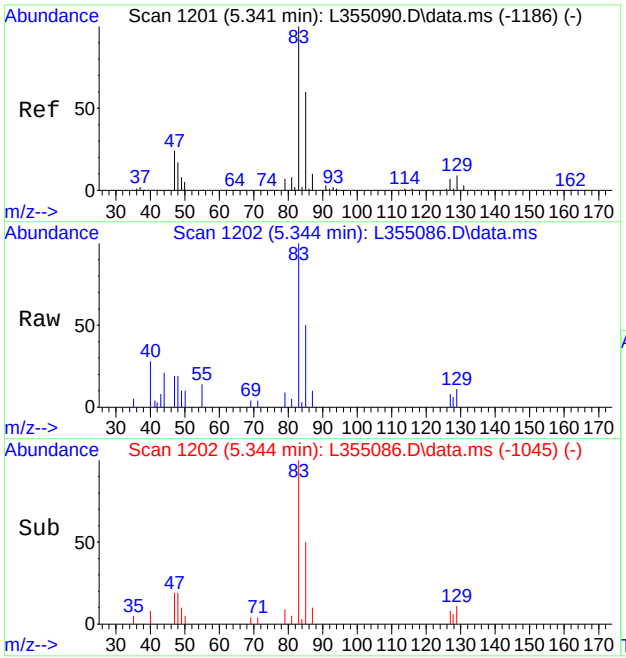


#66
dibromomethane
Concen: 1.73 ug/L
RT: 5.216 min Scan# 1162
Delta R.T. -0.010 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 93 Resp: 4144

Ion	Ratio	Lower	Upper
93	100		
95	56.6	52.7	112.7
174	61.4	70.1	130.1#

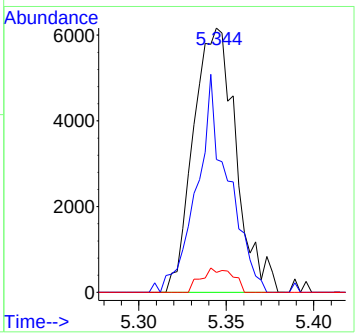


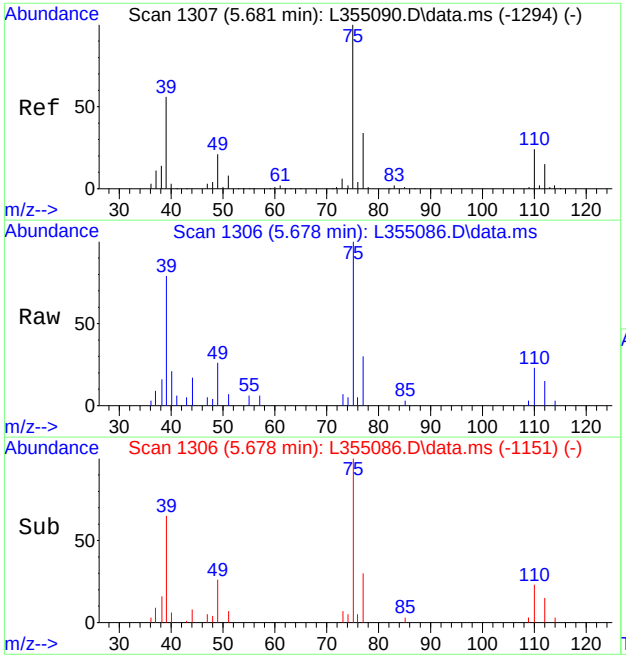


#67
bromodichloromethane
Concen: 1.90 ug/L
RT: 5.344 min Scan# 1202
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 83 Resp: 10476

Ion	Ratio	Lower	Upper
83	100		
85	50.3	30.1	90.1
127	7.6	0.0	37.3

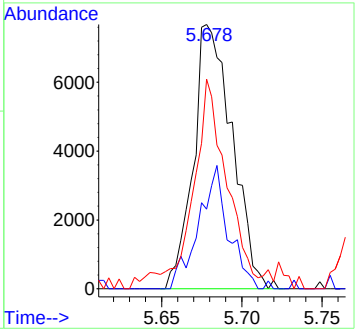


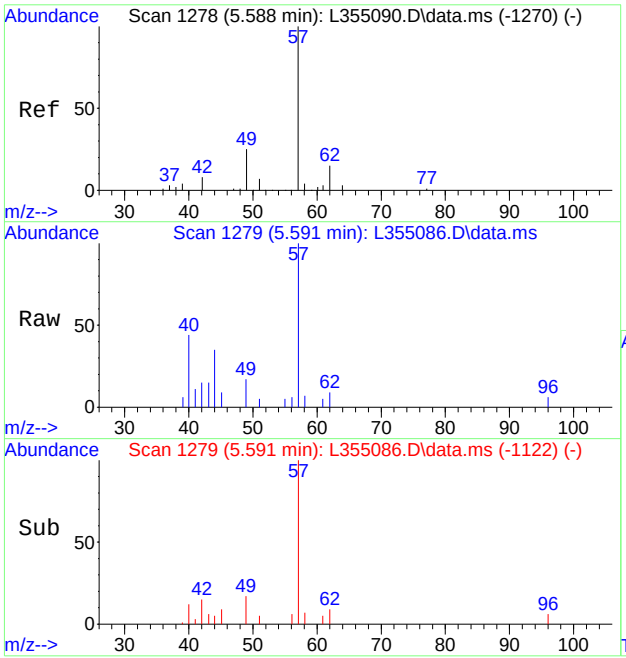


#68
cis-1,3-dichloropropene
Concen: 1.87 ug/L
RT: 5.678 min Scan# 1306
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 75 Resp: 12942

Ion	Ratio	Lower	Upper
75	100		
77	30.1	4.0	64.0
39	74.2	25.8	85.8

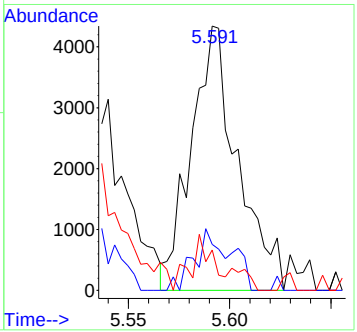


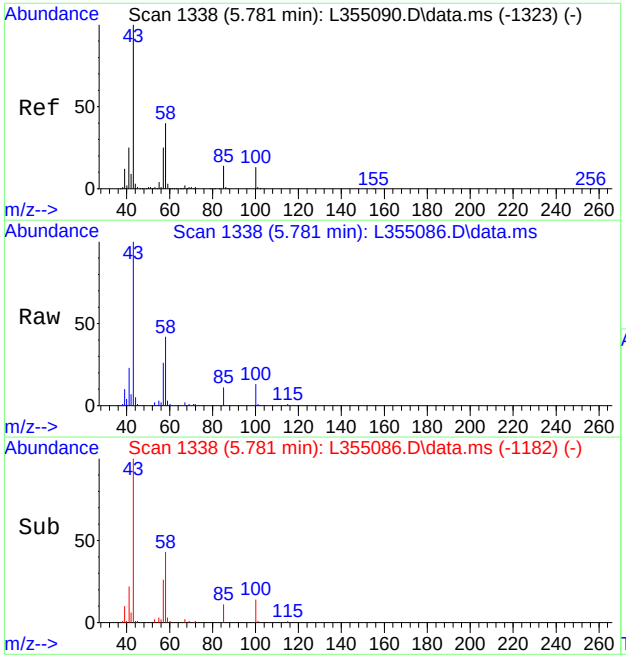


#69
epichlorohydrin
Concen: 13.12 ug/L
RT: 5.591 min Scan# 1279
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 57 Resp: 6901

Ion	Ratio	Lower	Upper
57	100		
49	17.4	3.3	43.3
42	10.2	0.0	30.7

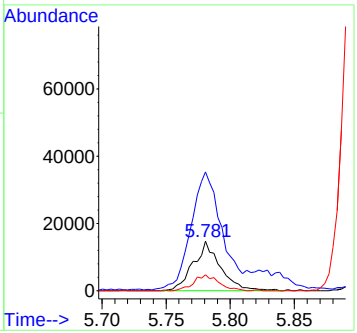


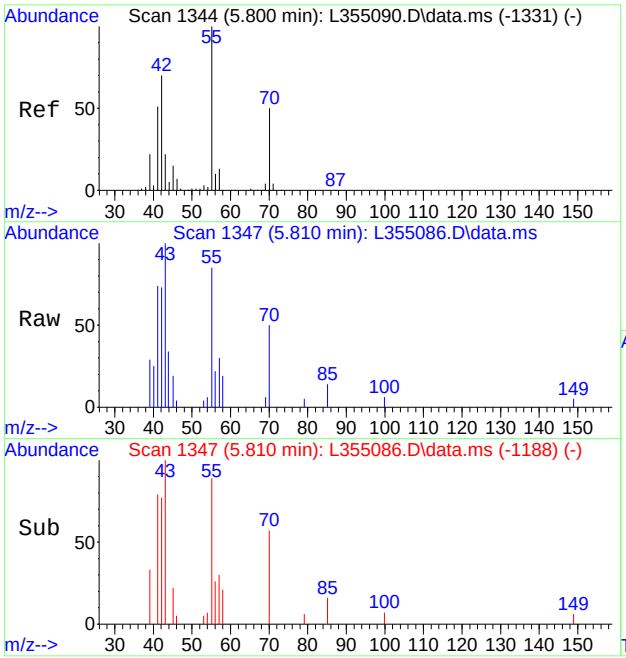


#70
4-methyl-2-pentanone
Concen: 8.54 ug/L
RT: 5.781 min Scan# 1338
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 58 Resp: 21773

Ion	Ratio	Lower	Upper
58	100		
43	234.6	227.9	267.9
100	32.2	11.2	51.2

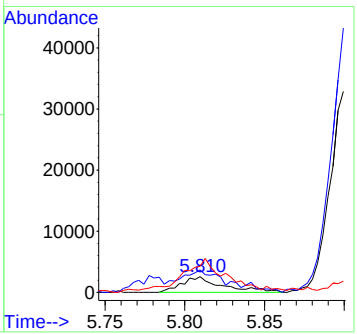


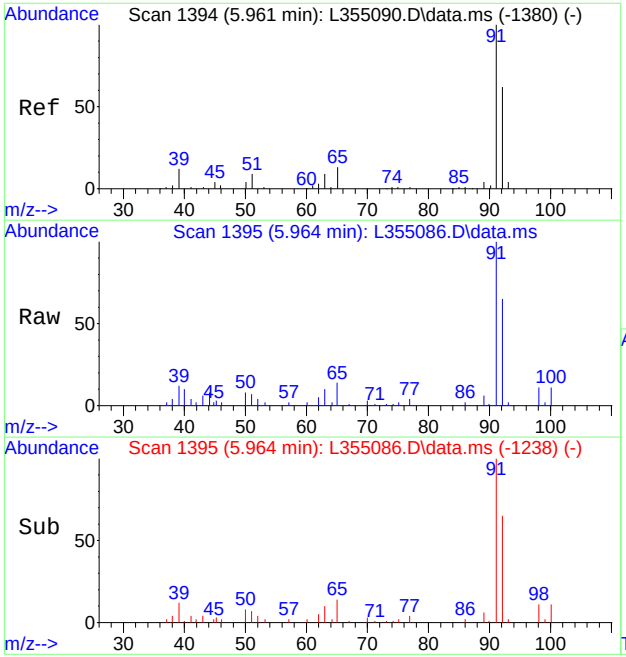


#71
3-methyl-1-butanol
Concen: 41.23 ug/L m
RT: 5.810 min Scan# 1347
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 70 Resp: 4569

Ion	Ratio	Lower	Upper
70	100		
42	144.1	131.6	171.6
55	167.9	180.2	220.2#

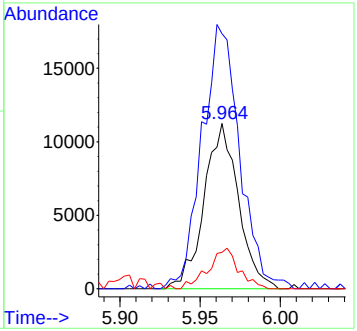


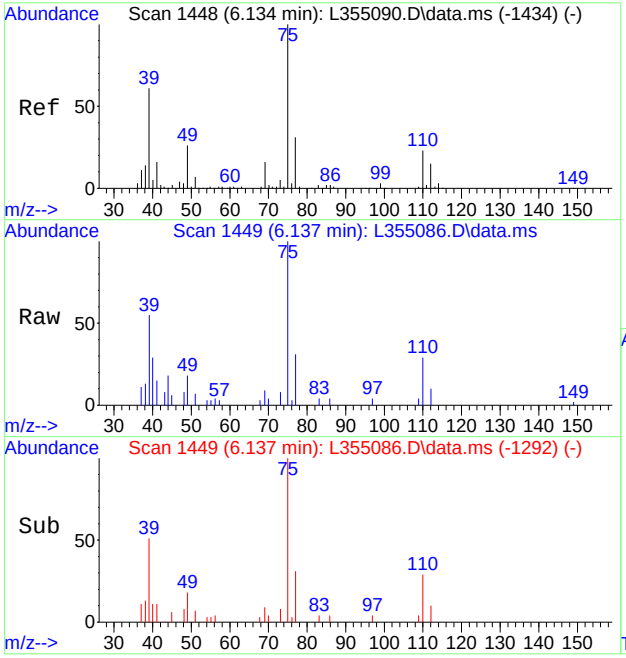


#74
toluene
Concen: 2.01 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 92 Resp: 16766

Ion	Ratio	Lower	Upper
92	100		
91	154.2	130.7	190.7
65	22.0	0.0	51.2

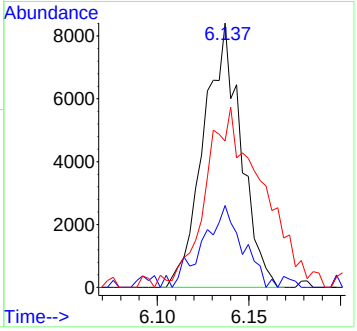


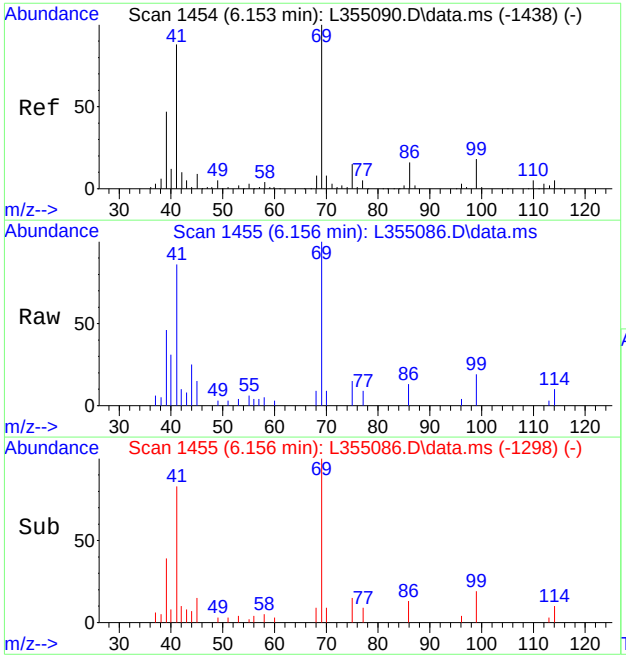


#75
trans-1,3-dichloropropene
Concen: 1.90 ug/L
RT: 6.137 min Scan# 1449
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 75 Resp: 11962

Ion	Ratio	Lower	Upper
75	100		
77	31.0	1.0	61.0
39	50.7	30.8	90.8

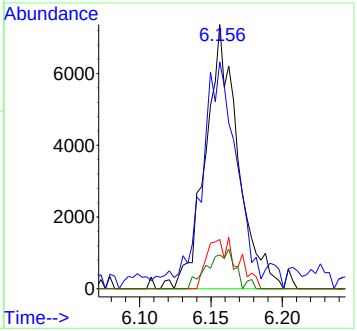


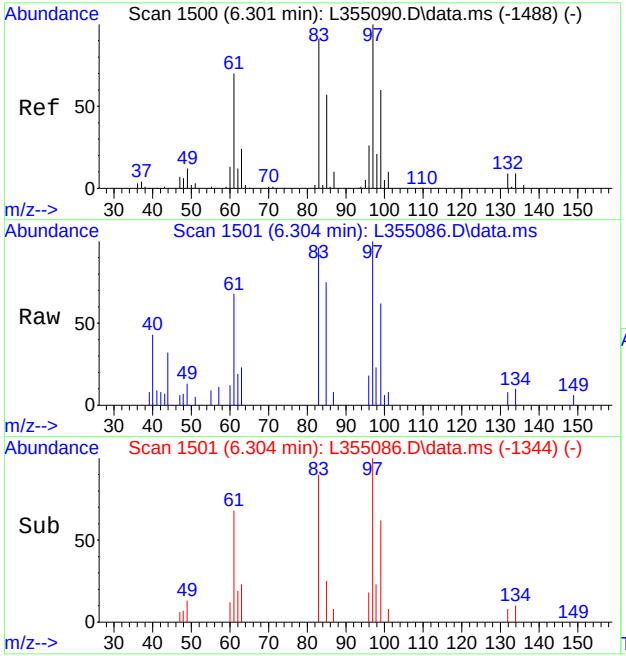


#76
ethyl methacrylate
Concen: 2.10 ug/L
RT: 6.156 min Scan# 1455
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 69 Resp: 11727

Ion	Ratio	Lower	Upper
69	100		
41	85.9	57.6	117.6
99	18.7	0.0	48.5
86	12.8	0.0	46.2

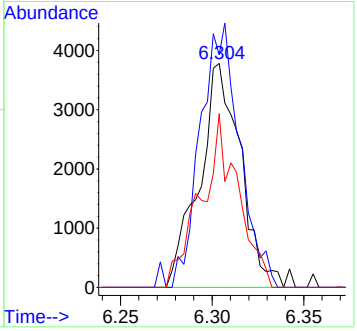


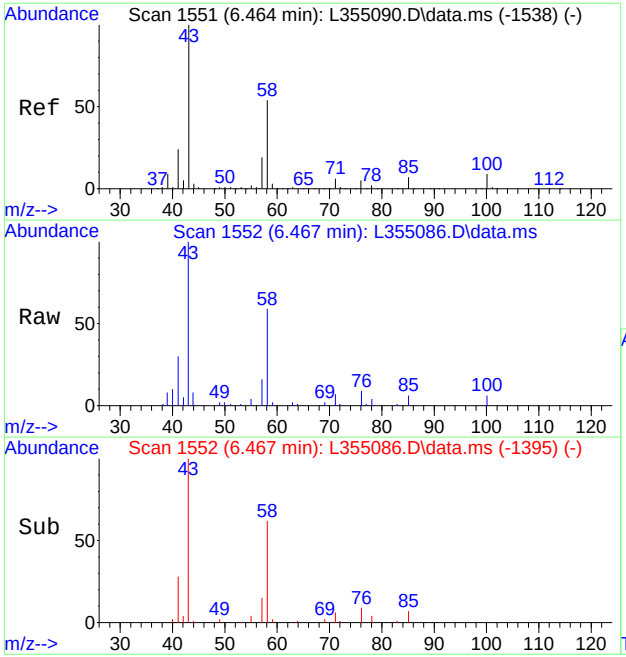


#77
1,1,2-trichloroethane
Concen: 1.90 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 83 Resp: 5932

Ion	Ratio	Lower	Upper
83	100		
97	103.8	80.2	140.2
85	77.6	33.0	93.0

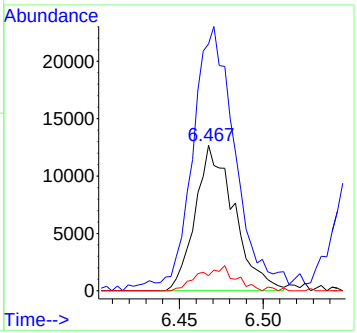


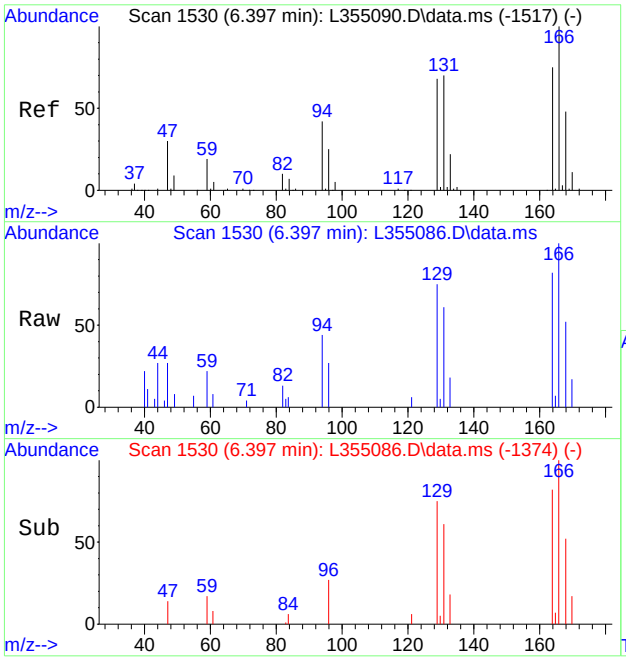


#78
2-hexanone
Concen: 8.20 ug/L
RT: 6.467 min Scan# 1552
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 58 Resp: 20453

Ion	Ratio	Lower	Upper
58	100		
43	164.0	154.5	214.5
100	10.5	0.0	46.6

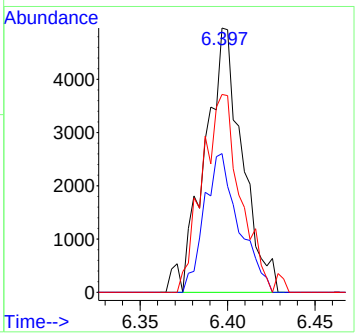


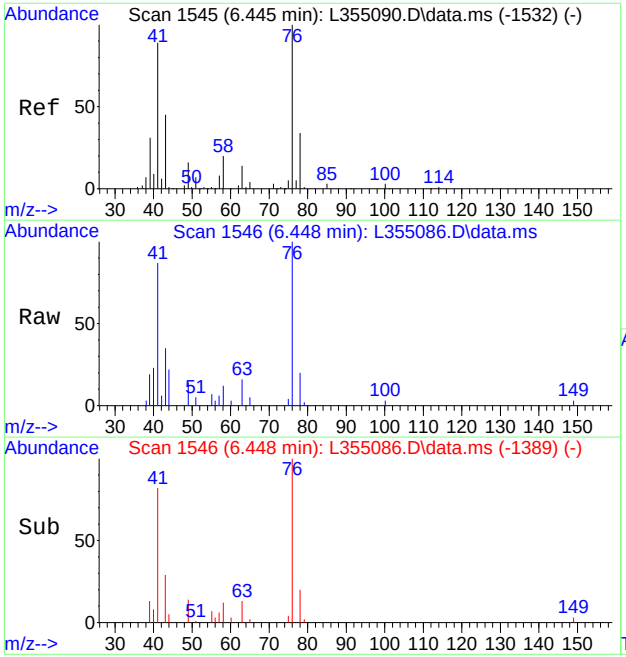


#79
tetrachloroethene
Concen: 2.18 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:166 Resp: 7415

Ion	Ratio	Lower	Upper
166	100		
168	52.4	18.3	78.3
129	74.8	38.5	98.5

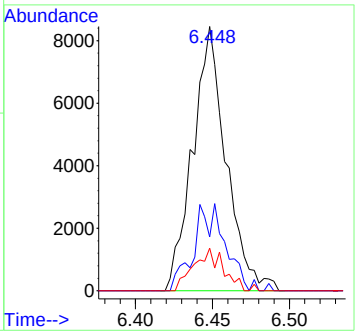


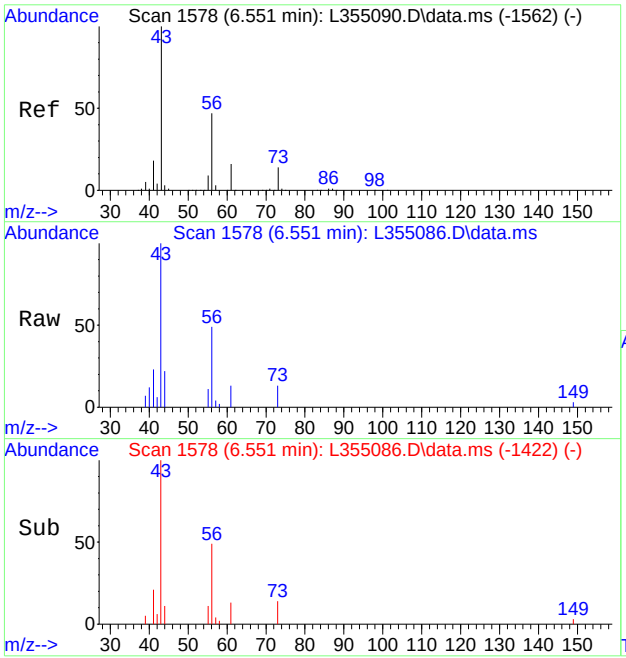


#80
1,3-dichloropropane
Concen: 2.20 ug/L
RT: 6.448 min Scan# 1546
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 76 Resp: 12765

Ion	Ratio	Lower	Upper
76	100		
78	20.4	3.8	63.8
63	16.1	0.0	43.8

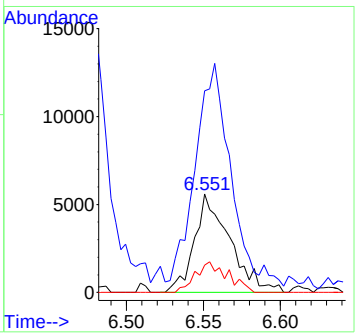


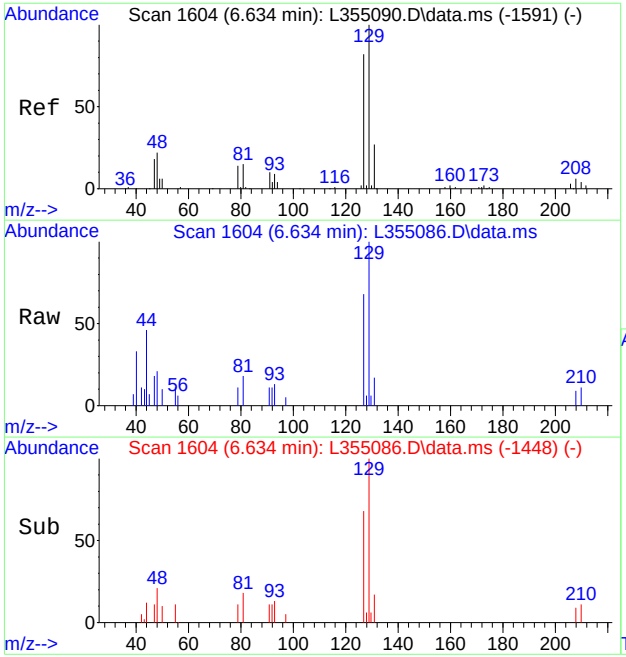


#81
butyl acetate
Concen: 2.55 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 56 Resp: 8968

Ion	Ratio	Lower	Upper
56	100		
43	198.4	194.2	254.2
73	27.6	0.0	58.5

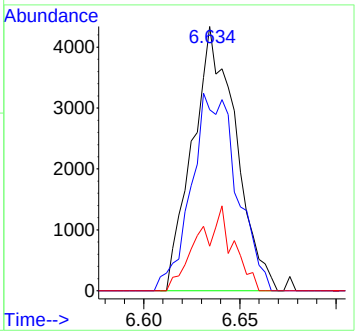


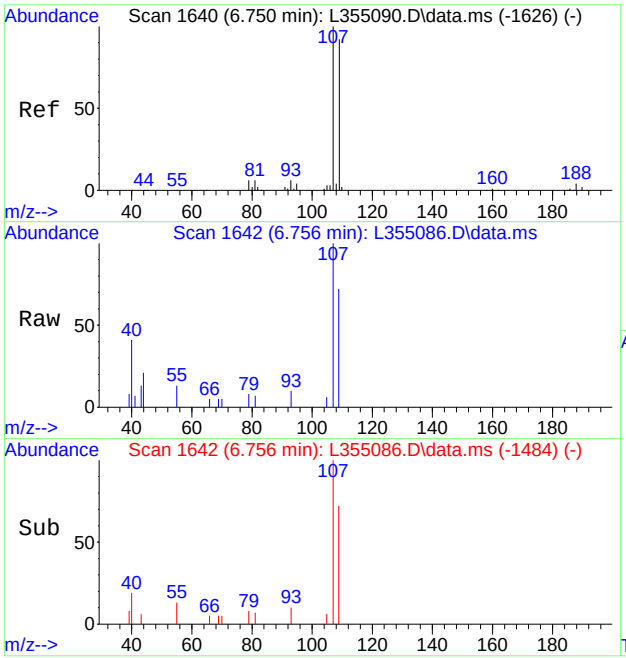


#82
dibromochloromethane
Concen: 1.80 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:129 Resp: 6798

Ion	Ratio	Lower	Upper
129	100		
127	68.4	51.9	111.9
131	16.9	0.0	56.8

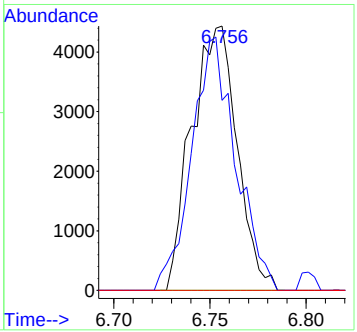


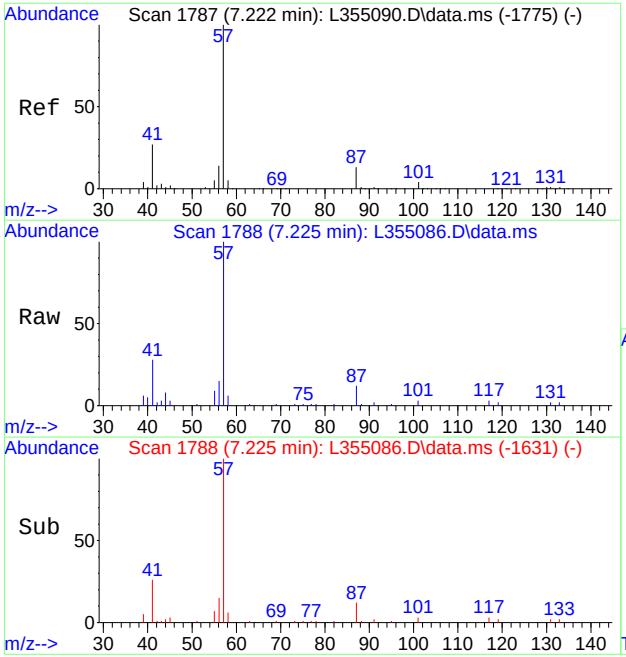


#83
1,2-dibromoethane
Concen: 2.07 ug/L
RT: 6.756 min Scan# 1642
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:107 Resp: 7324

Ion	Ratio	Lower	Upper
107	100		
109	71.8	62.2	122.2
188	0.0	0.0	33.6

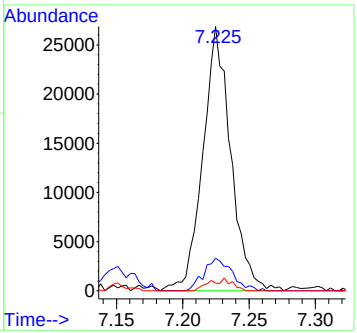


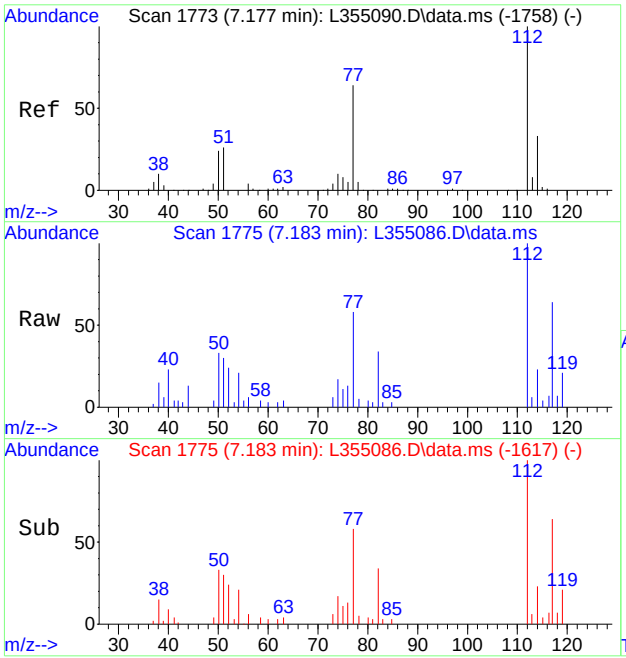


#84
n-butyl ether
Concen: 2.48 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 57 Resp: 39210

Ion	Ratio	Lower	Upper
57	100		
87	12.3	0.0	43.5
101	2.8	0.0	33.5

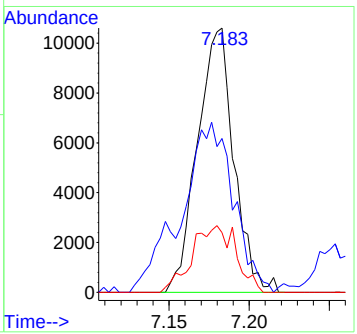


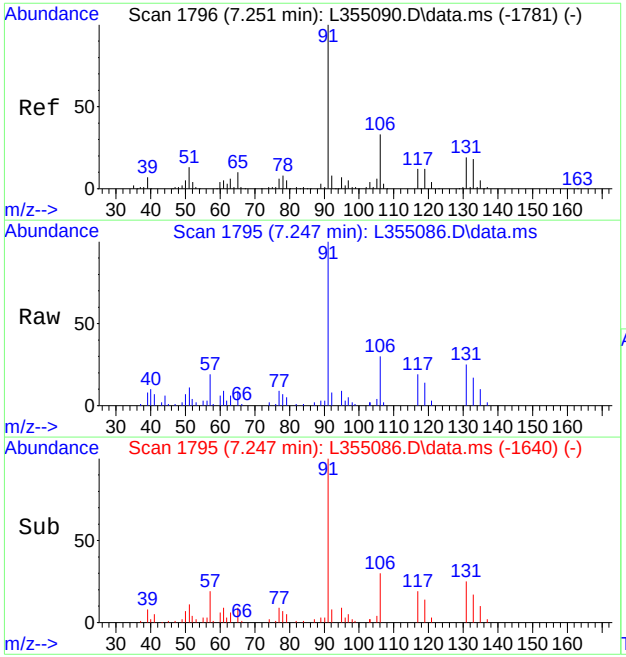


#85
chlorobenzene
Concen: 1.90 ug/L
RT: 7.183 min Scan# 1775
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:112 Resp: 16804

Ion	Ratio	Lower	Upper
112	100		
77	54.9	34.0	94.0
114	22.6	2.8	62.8

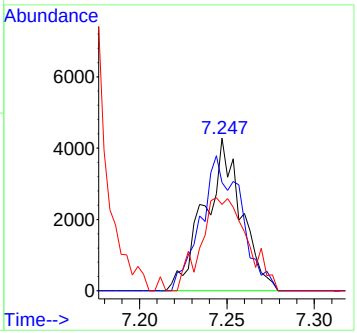


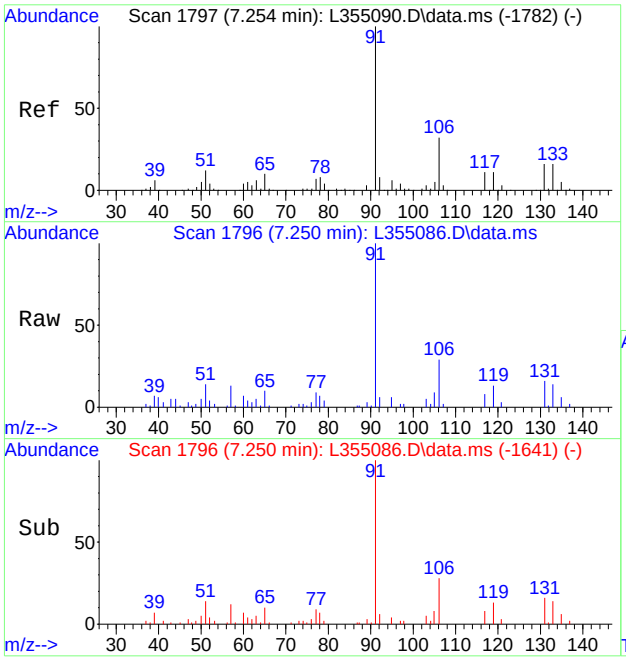


#86
1,1,1,2-tetrachloroethane
Concen: 1.96 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:131 Resp: 6259

Ion	Ratio	Lower	Upper
131	100		
133	70.8	65.5	125.5
119	56.6	34.9	94.9

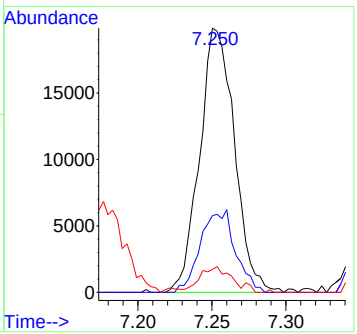


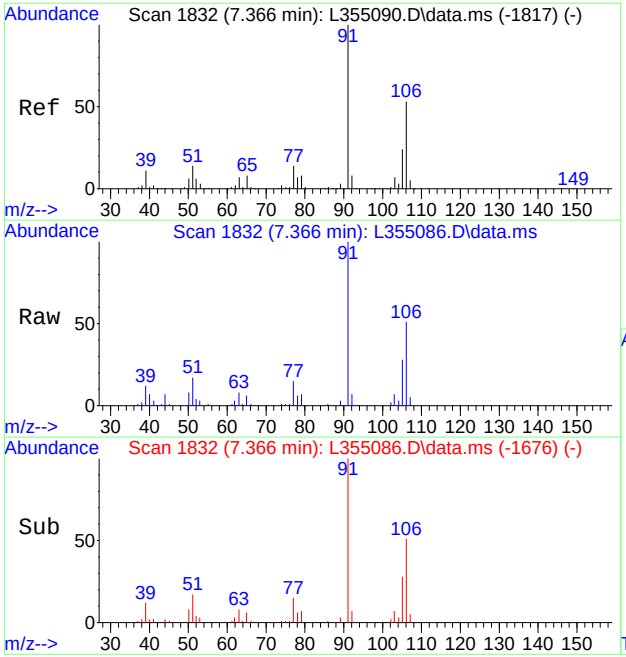


#87
ethylbenzene
Concen: 2.17 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 91 Resp: 32542

Ion	Ratio	Lower	Upper
91	100		
106	29.1	1.8	61.8
77	8.7	0.0	38.8

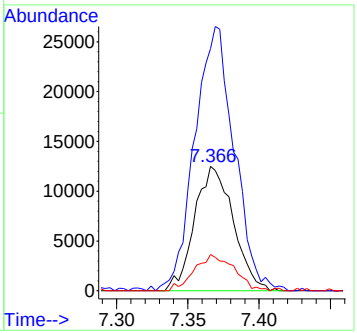


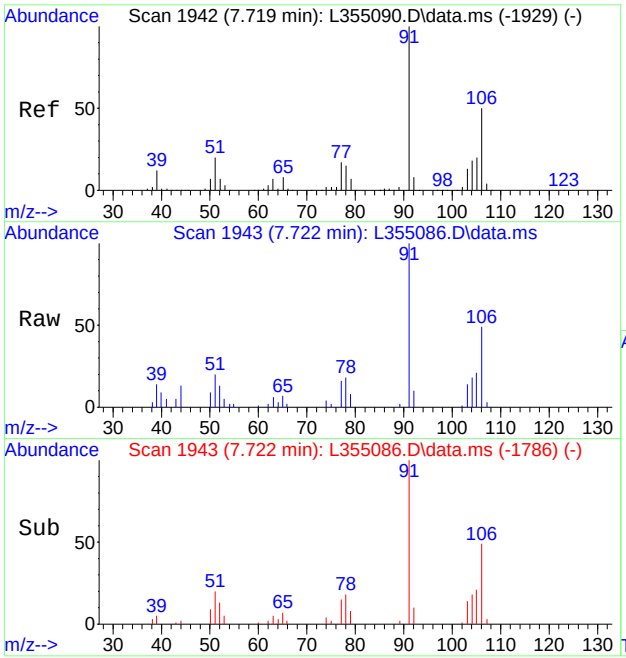


#88
m,p-xylene
Concen: 3.78 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:106 Resp: 23598

Ion	Ratio	Lower	Upper
106	100		
91	191.5	158.2	218.2
77	29.1	6.9	46.9

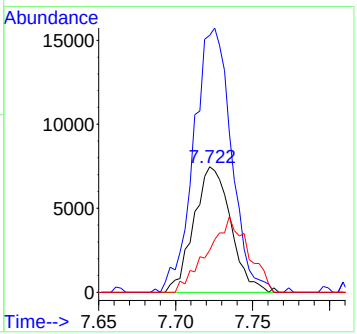


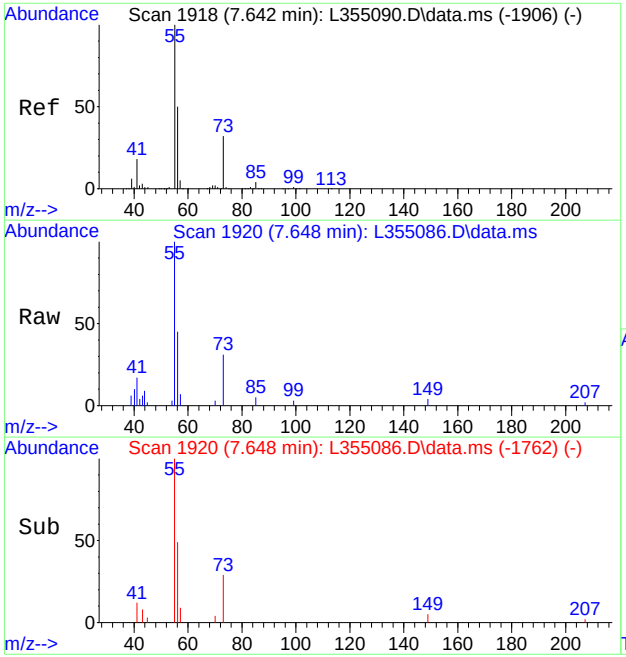


#89
o-xylene
Concen: 1.94 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:106 Resp: 12514

Ion	Ratio	Lower	Upper
106	100		
91	204.7	170.0	230.0
77	33.5	14.0	54.0

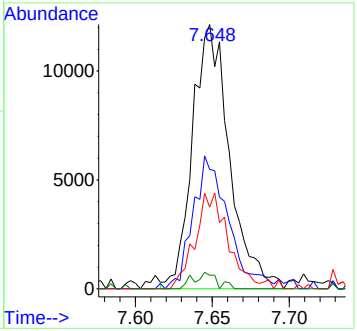


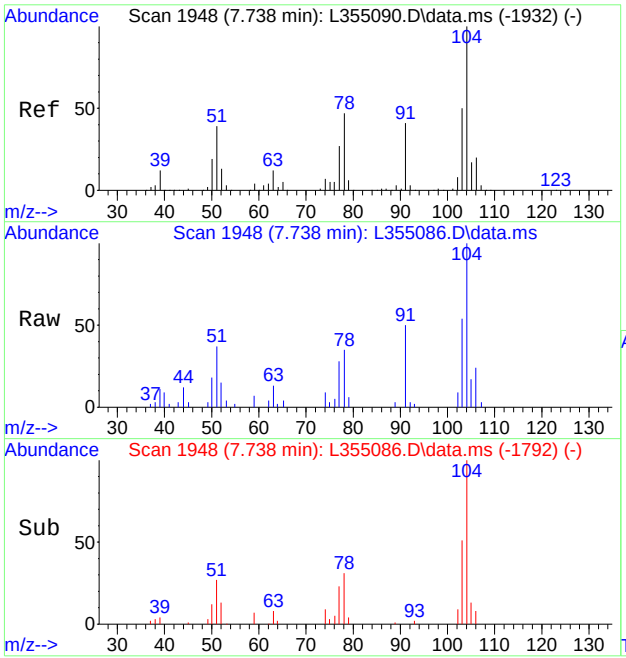


#90
butyl acrylate
Concen: 1.88 ug/L
RT: 7.648 min Scan# 1920
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 55 Resp: 20234

Ion	Ratio	Lower	Upper
55	100		
56	43.1	30.4	70.4
73	30.9	11.9	51.9
85	5.1	0.0	24.0

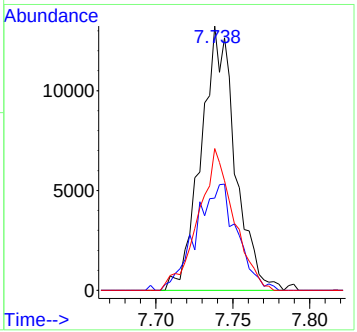


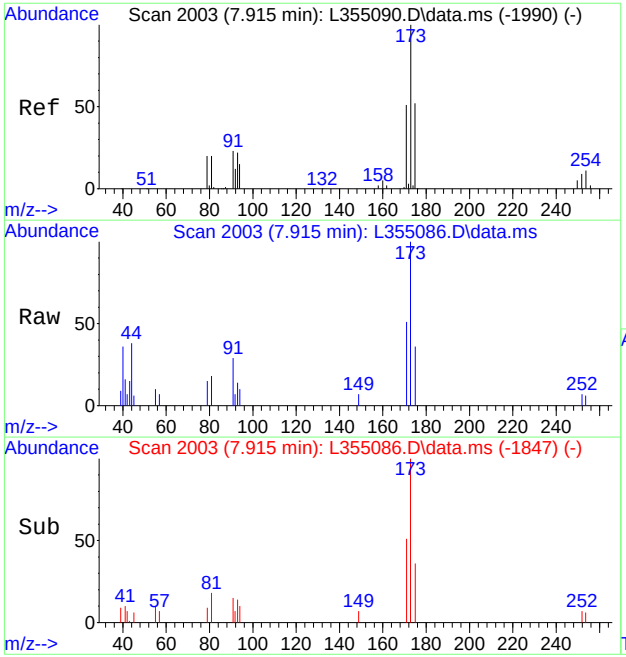


#91
styrene
Concen: 2.10 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:104 Resp: 20488

Ion	Ratio	Lower	Upper
104	100		
78	34.9	17.3	77.3
103	53.7	19.8	79.8

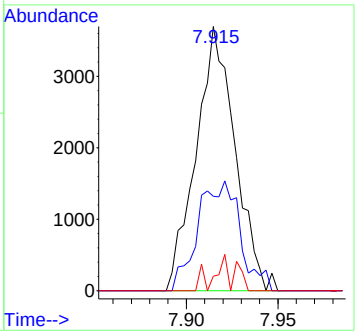


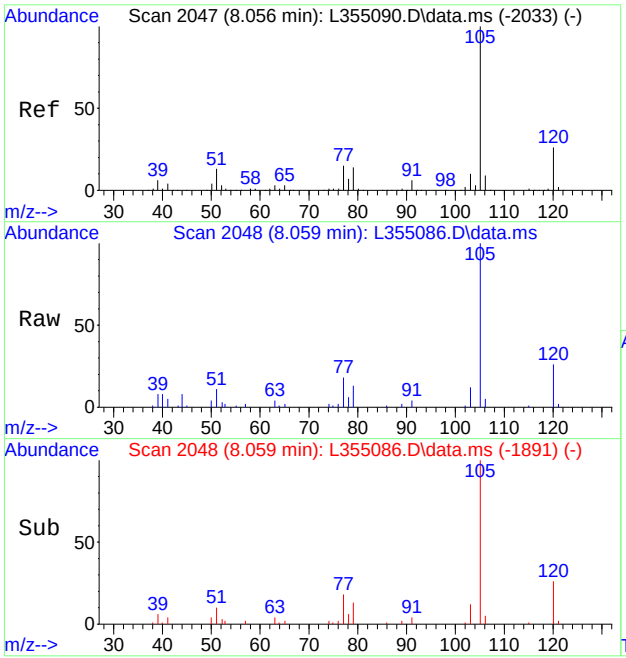


#92
bromoform
Concen: 2.10 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:173 Resp: 5497

Ion	Ratio	Lower	Upper
173	100		
175	35.8	22.1	82.1
254	5.5	0.0	41.0

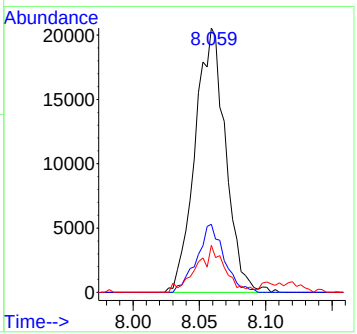


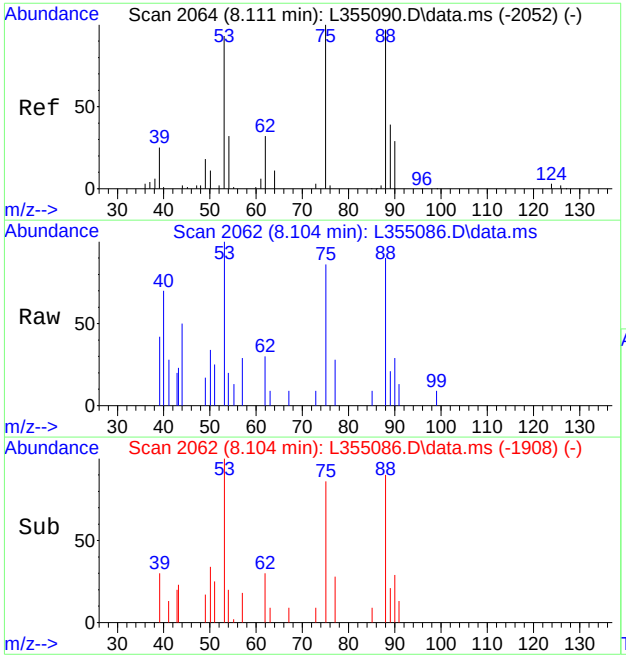


#93
isopropylbenzene
Concen: 2.05 ug/L
RT: 8.059 min Scan# 2048
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:105 Resp: 32890

Ion	Ratio	Lower	Upper
105	100		
120	25.8	6.4	46.4
77	17.8	0.0	35.3

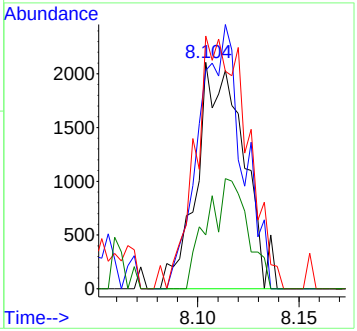


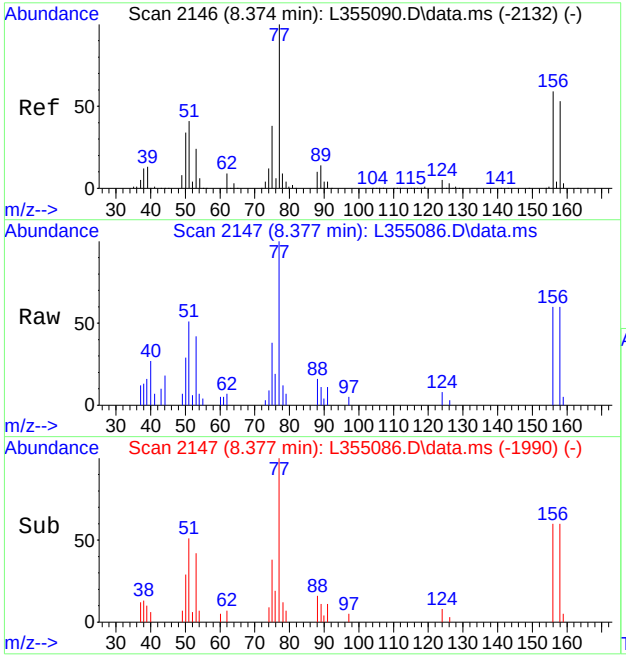


#94
cis-1,4-dichloro-2-butene
Concen: 2.13 ug/L
RT: 8.104 min Scan# 2062
Delta R.T. -0.007 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 88 Resp: 3360

Ion	Ratio	Lower	Upper
88	100		
75	96.4	87.0	127.0
53	111.5	79.7	119.7
89	23.8	22.9	62.9

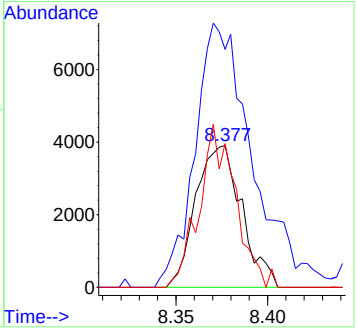


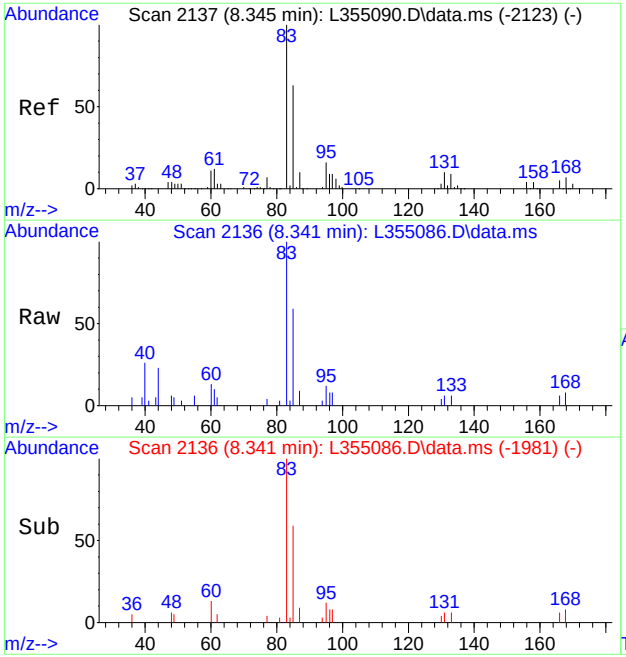


#97
bromobenzene
Concen: 1.99 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:156 Resp: 6831

Ion	Ratio	Lower	Upper
156	100		
77	160.8	138.1	198.1
158	101.5	58.3	118.3

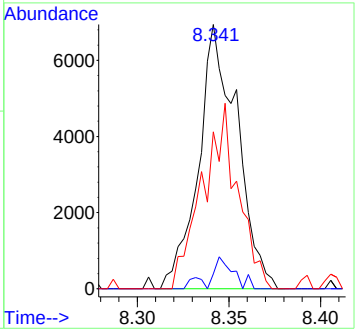


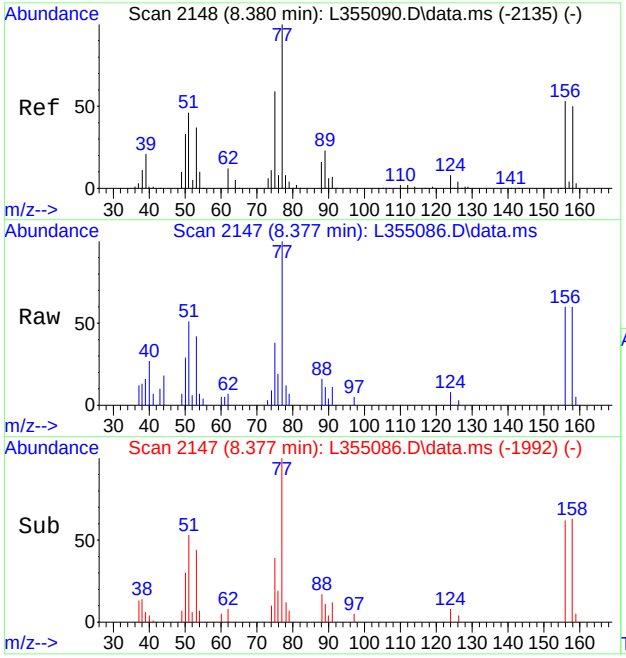


#98
1,1,2,2-tetrachloroethane
Concen: 2.03 ug/L
RT: 8.341 min Scan# 2136
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 83 Resp: 10220

Ion	Ratio	Lower	Upper
83	100		
131	5.6	0.0	39.6
85	59.3	33.1	93.1

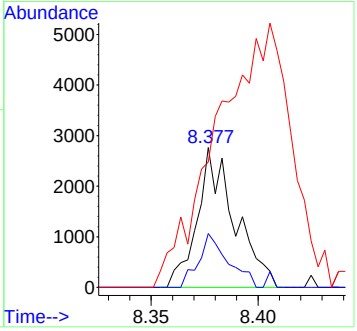


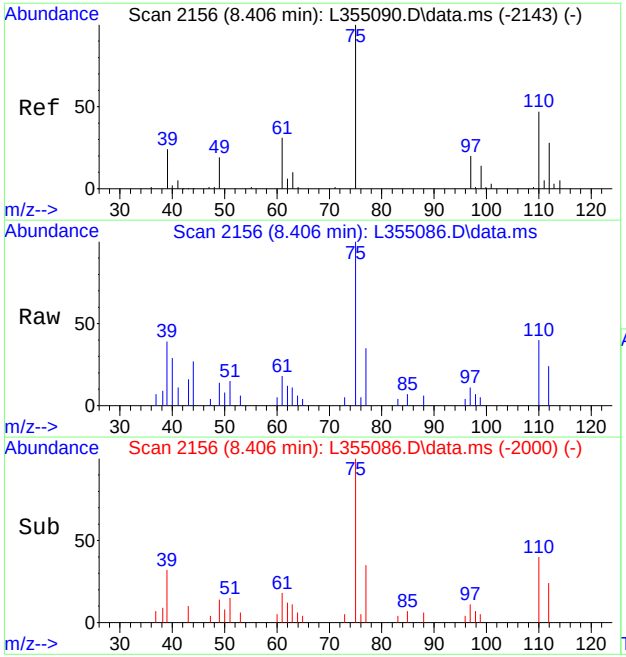


#99
trans-1,4-dichloro-2-butene
Concen: 2.25 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 53 Resp: 3372

Ion	Ratio	Lower	Upper
53	100		
88	38.4	13.5	73.5
75	77.9	128.5	188.5#

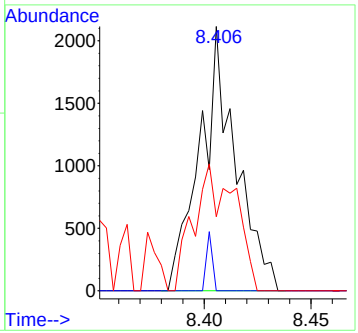


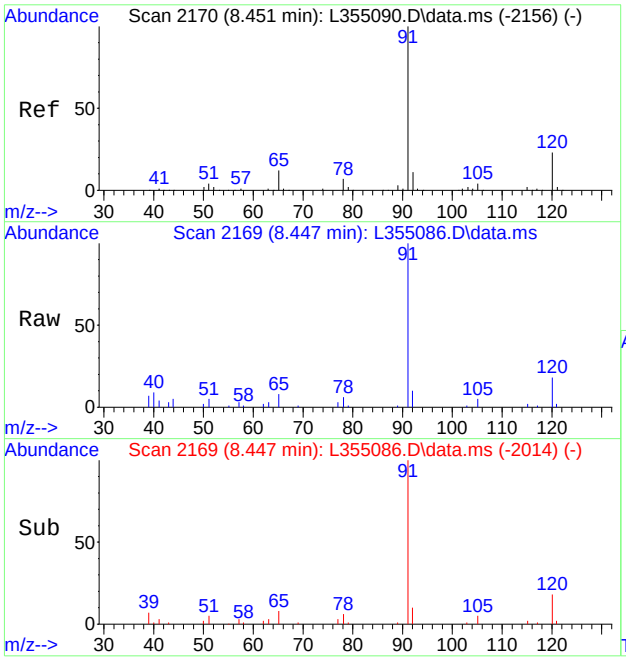


#100
1,2,3-trichloropropane
Concen: 1.84 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:110 Resp: 2473

Ion	Ratio	Lower	Upper
110	100		
111	0.0	0.0	39.7
97	28.0	18.0	78.0

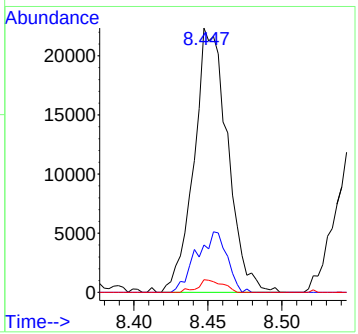


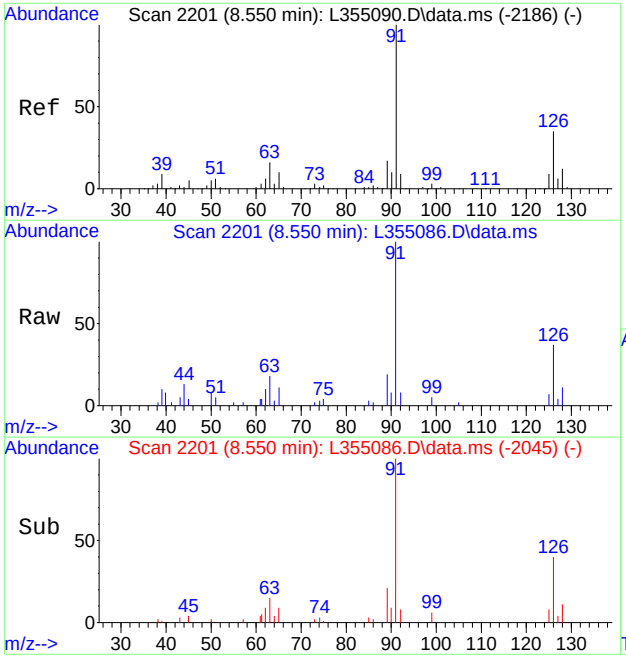


#101
n-propylbenzene
Concen: 1.94 ug/L
RT: 8.447 min Scan# 2169
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 91 Resp: 35164

Ion	Ratio	Lower	Upper
91	100		
120	20.0	0.0	53.4
105	4.8	0.0	34.1

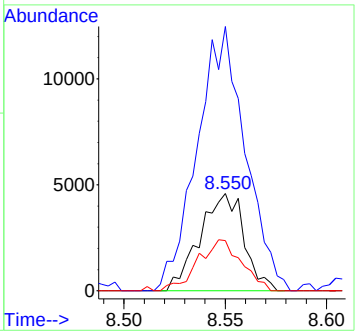


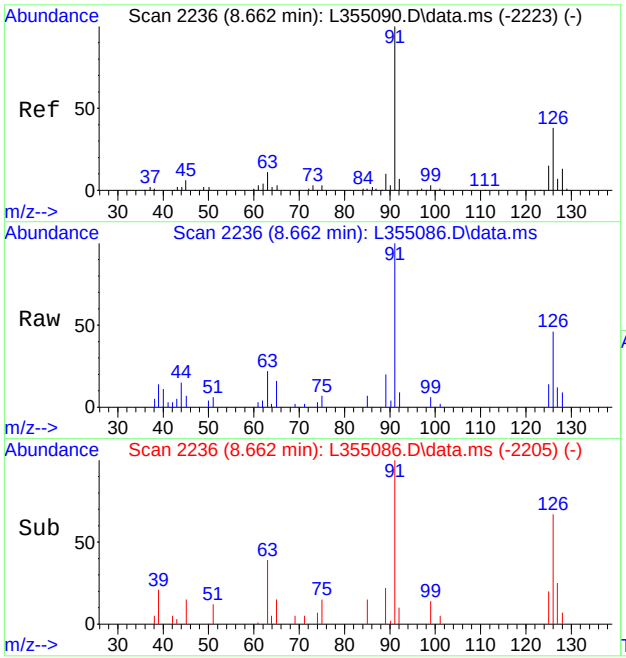


#102
2-chlorotoluene
Concen: 2.00 ug/L
RT: 8.550 min Scan# 2201
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:126 Resp: 6976

Ion	Ratio	Lower	Upper
126	100		
91	265.5	258.6	318.6
89	51.8	18.8	78.8

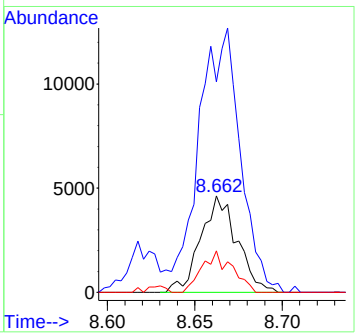


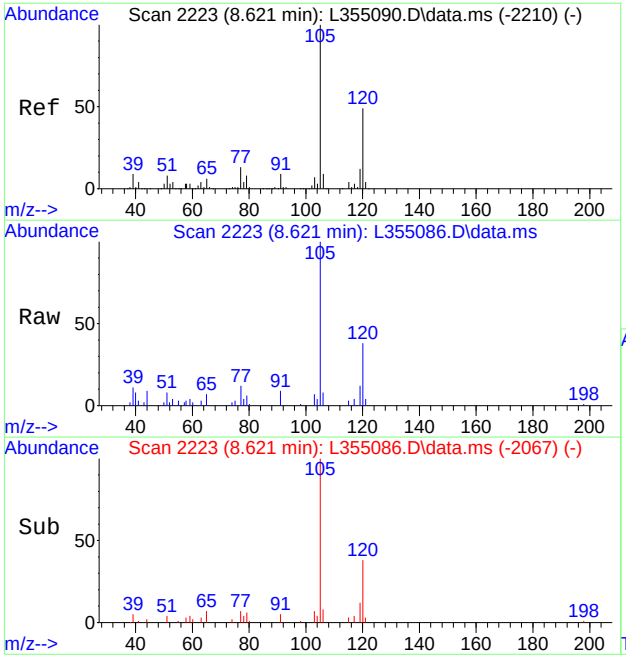


#103
4-chlorotoluene
Concen: 2.02 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:126 Resp: 6724

Ion	Ratio	Lower	Upper
126	100		
91	218.1	272.7	332.7#
89	42.9	2.4	62.4

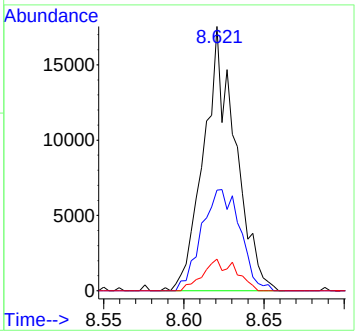


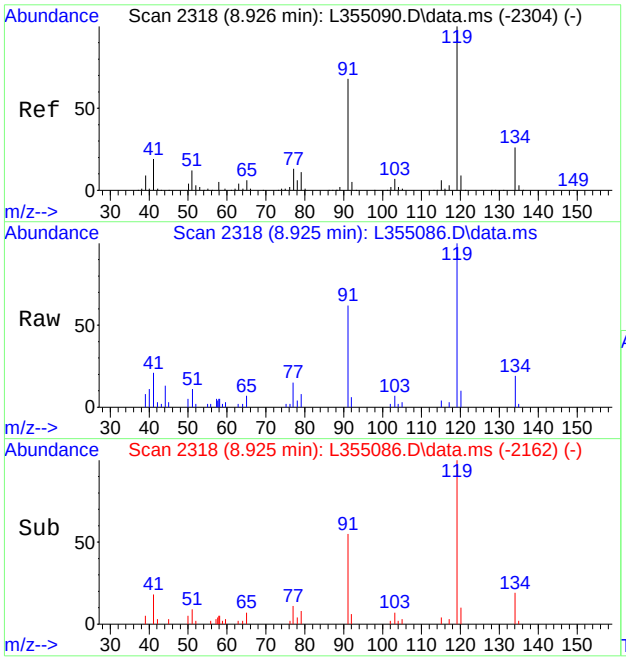


#104
1,3,5-trimethylbenzene
Concen: 1.87 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:105 Resp: 24085

Ion	Ratio	Lower	Upper
105	100		
120	38.1	19.0	79.0
119	12.0	0.0	42.2

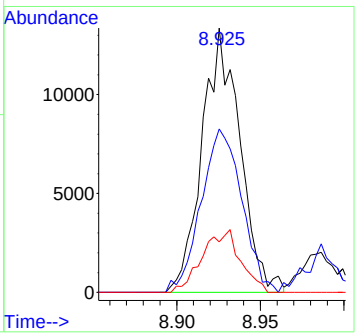


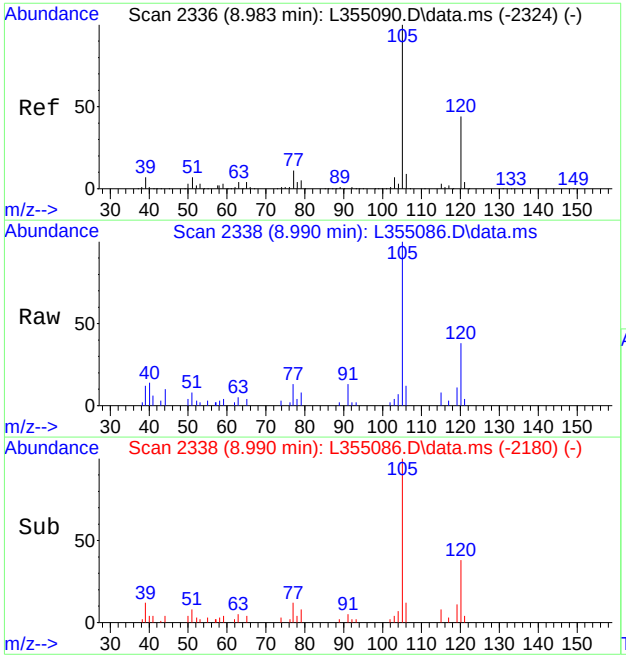


#105
tert-butylbenzene
Concen: 2.00 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:119 Resp: 21032

Ion	Ratio	Lower	Upper
119	100		
91	61.8	38.0	98.0
134	19.1	0.0	56.2

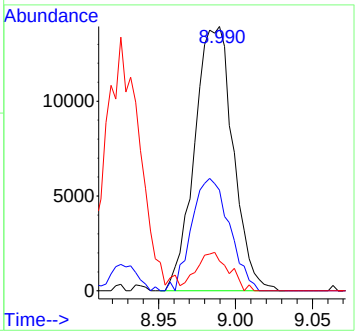


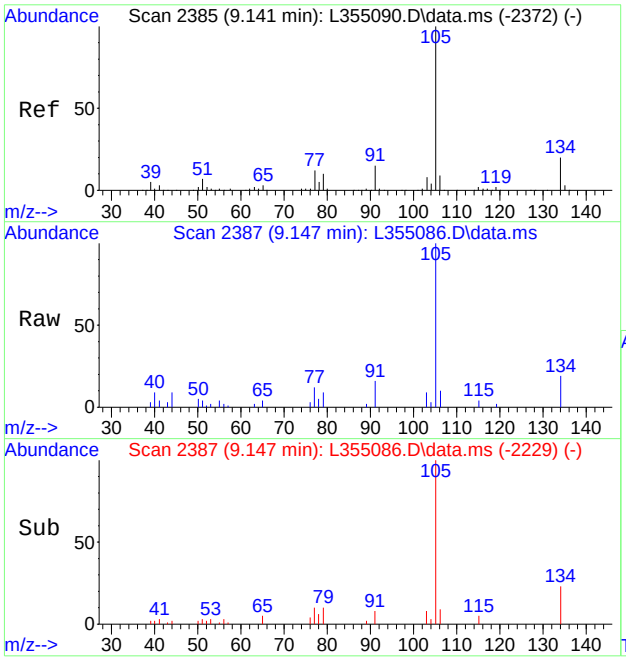


#106
1,2,4-trimethylbenzene
Concen: 1.93 ug/L
RT: 8.990 min Scan# 2338
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:105 Resp: 24309

Ion	Ratio	Lower	Upper
105	100		
120	38.1	15.8	75.8
119	11.2	0.0	42.1

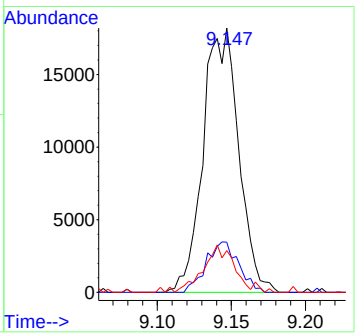


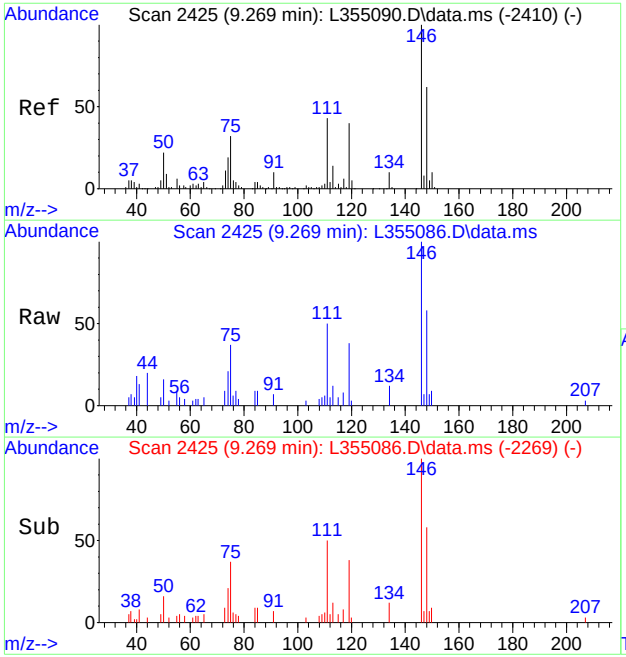


#107
sec-butylbenzene
Concen: 2.01 ug/L
RT: 9.147 min Scan# 2387
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:105 Resp: 30330

Ion	Ratio	Lower	Upper
105	100		
134	19.0	0.0	50.4
91	15.9	0.0	45.4

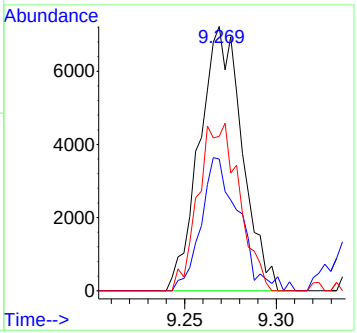


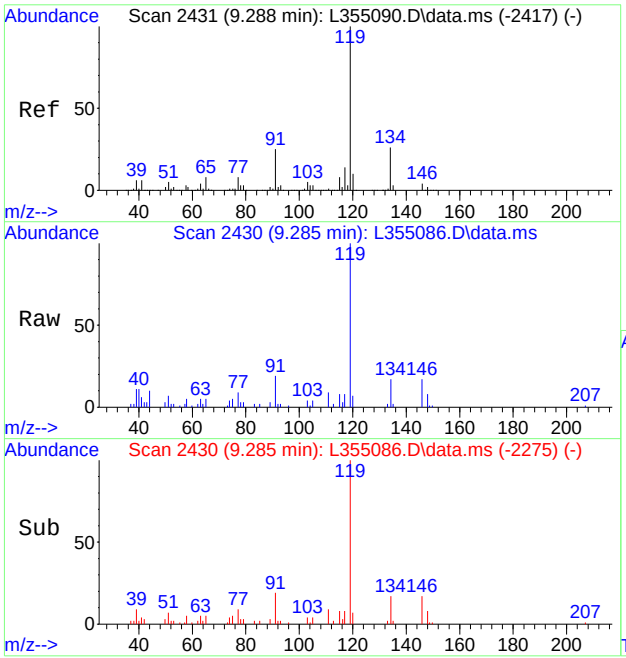


#108
1,3-dichlorobenzene
Concen: 1.99 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:146 Resp: 11739

Ion	Ratio	Lower	Upper
146	100		
111	49.8	13.1	73.1
148	58.4	32.4	92.4

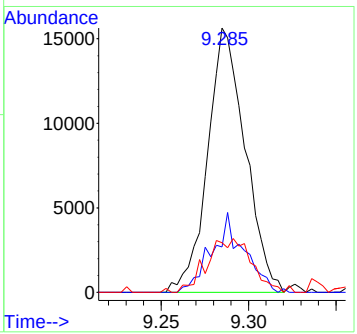


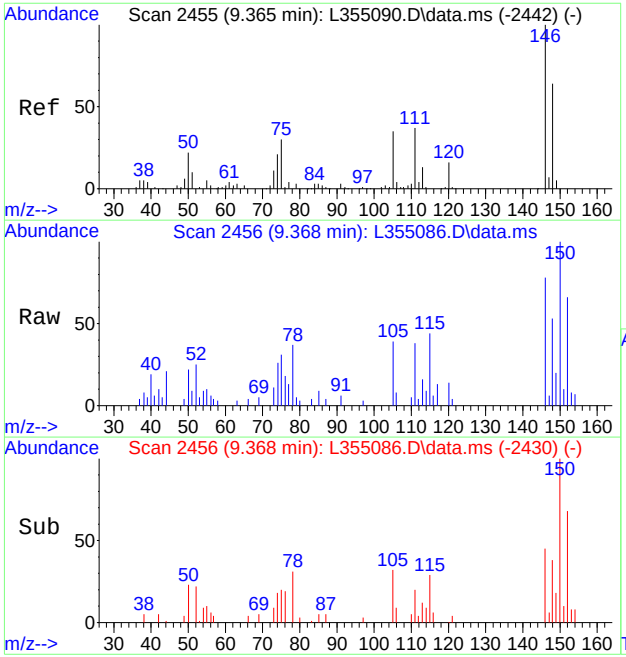


#109
p-isopropyltoluene
Concen: 1.96 ug/L
RT: 9.285 min Scan# 2430
Delta R.T. -0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:119 Resp: 23413

Ion	Ratio	Lower	Upper
119	100		
134	17.2	0.0	56.2
91	18.8	0.0	55.0

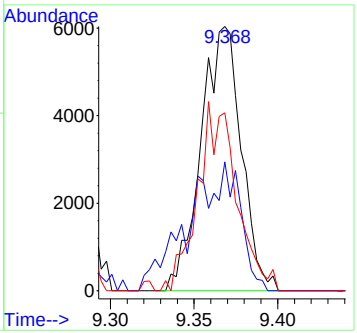


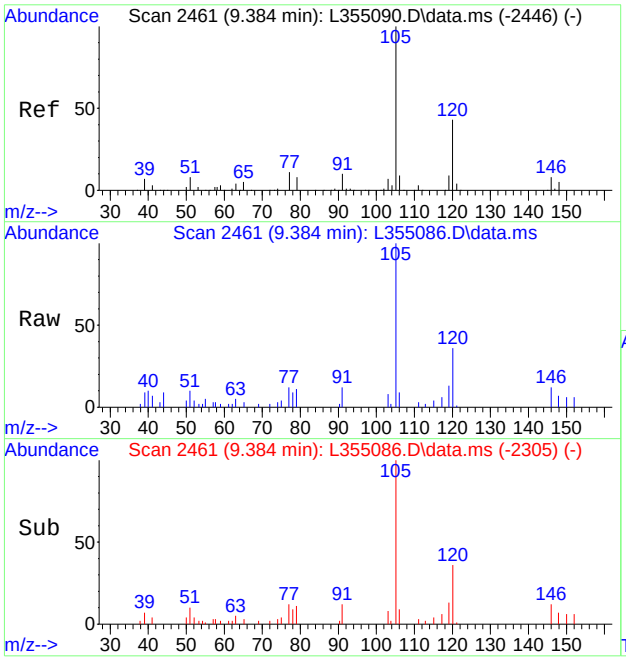


#110
1,4-dichlorobenzene
Concen: 1.76 ug/L
RT: 9.368 min Scan# 2456
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:146 Resp: 10150

Ion	Ratio	Lower	Upper
146	100		
111	48.8	7.6	67.6
148	67.3	33.7	93.7

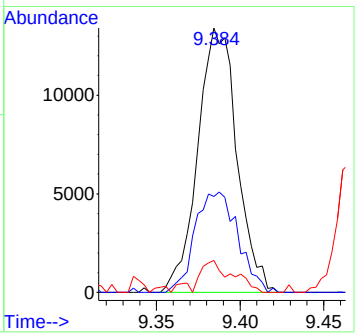


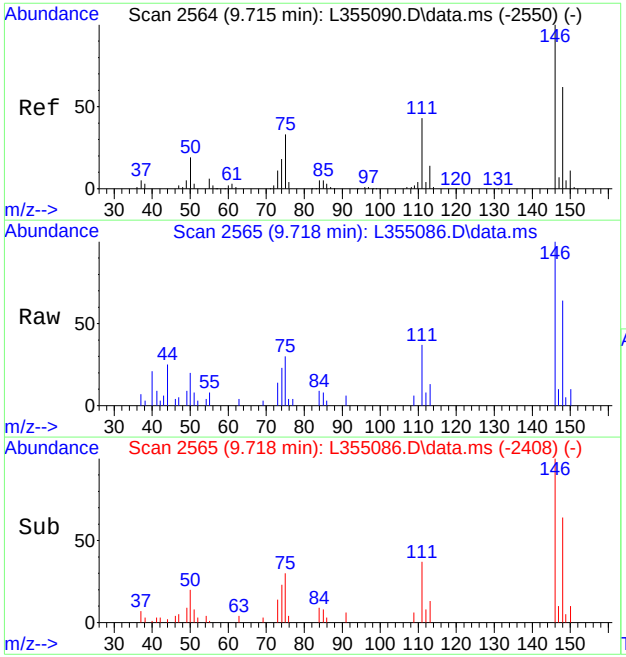


#111
1,2,3-trimethylbenzene
Concen: 1.87 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:105 Resp: 21825

Ion	Ratio	Lower	Upper
105	100		
120	36.3	13.0	73.0
91	12.1	0.0	39.8

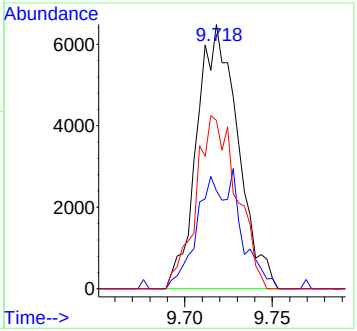


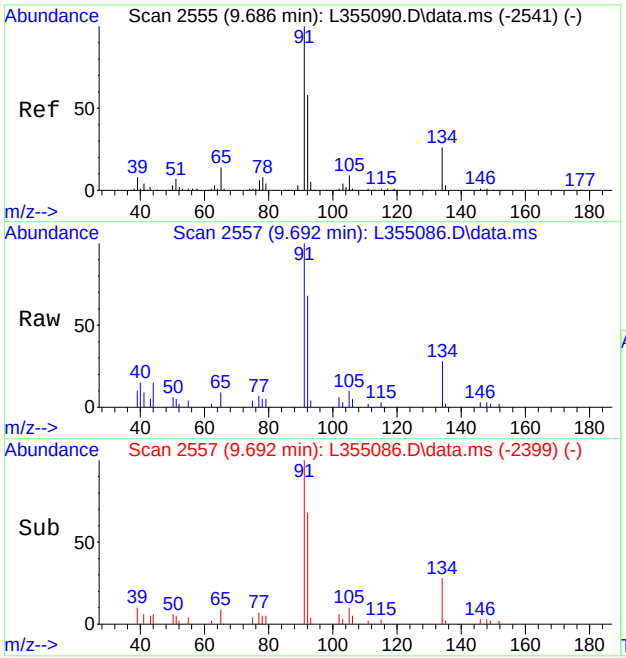


#112
1,2-dichlorobenzene
Concen: 1.87 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:146 Resp: 10574

Ion	Ratio	Lower	Upper
146	100		
111	37.1	13.0	73.0
148	63.8	32.1	92.1

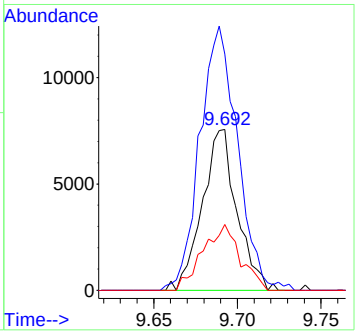


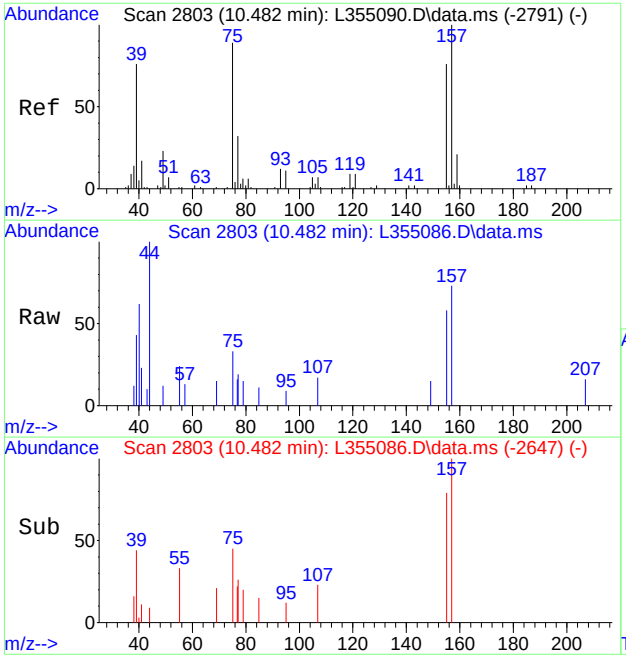


#113
n-butylbenzene
Concen: 1.86 ug/L
RT: 9.692 min Scan# 2557
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 92 Resp: 10885

Ion	Ratio	Lower	Upper
92	100		
91	146.7	141.2	201.2
134	40.9	14.9	74.9

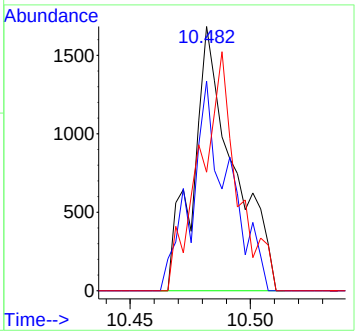


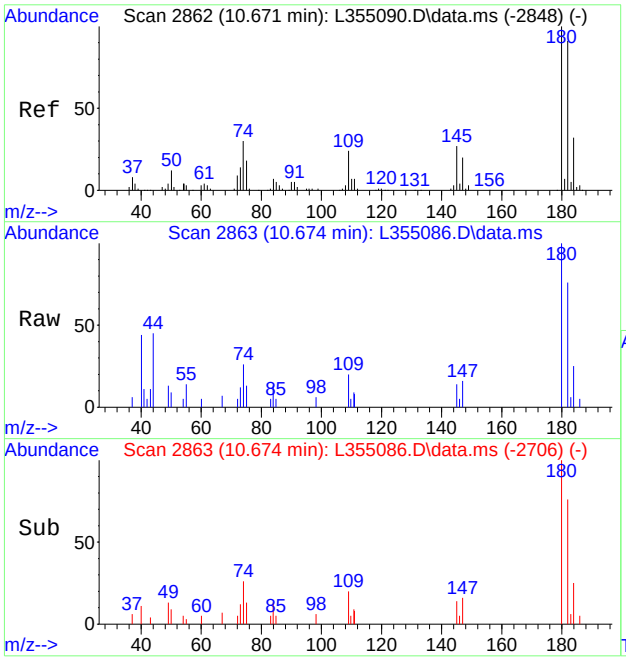


#114
1,2-dibromo-3-chloropropane
Concen: 1.74 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:157 Resp: 1967

Ion	Ratio	Lower	Upper
157	100		
155	79.2	46.0	106.0
75	44.8	58.9	118.9#

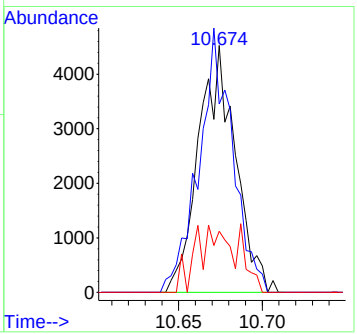


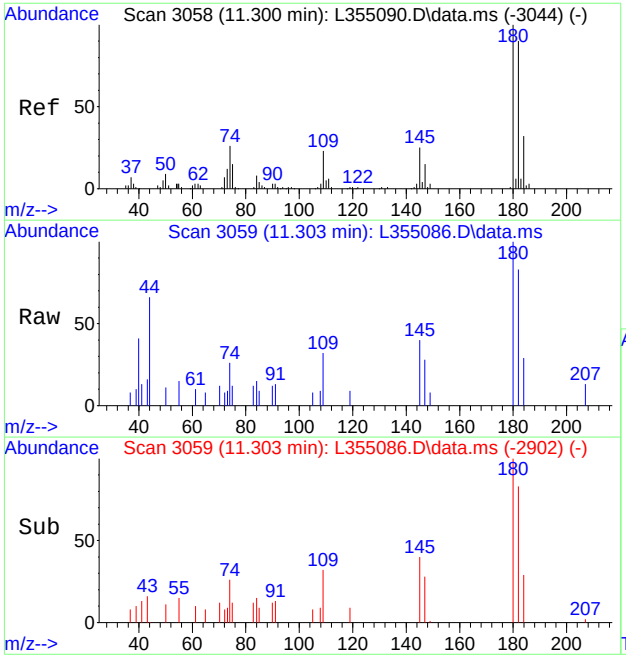


#115
1,3,5-trichlorobenzene
Concen: 1.96 ug/L
RT: 10.674 min Scan# 2863
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:180 Resp: 6968

Ion	Ratio	Lower	Upper
180	100		
182	76.3	61.0	121.0
184	24.8	1.5	61.5

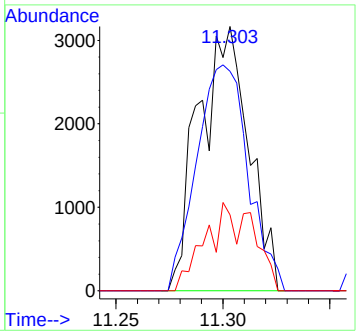


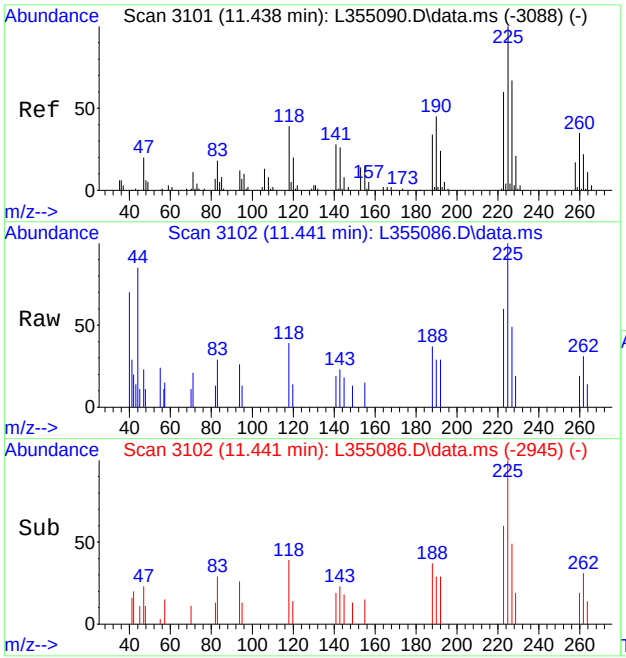


#116
1,2,4-trichlorobenzene
Concen: 1.73 ug/L
RT: 11.303 min Scan# 3059
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:180 Resp: 5187

Ion	Ratio	Lower	Upper
180	100		
182	83.0	59.8	119.8
184	28.8	1.8	61.8

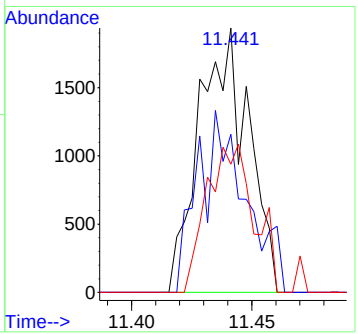


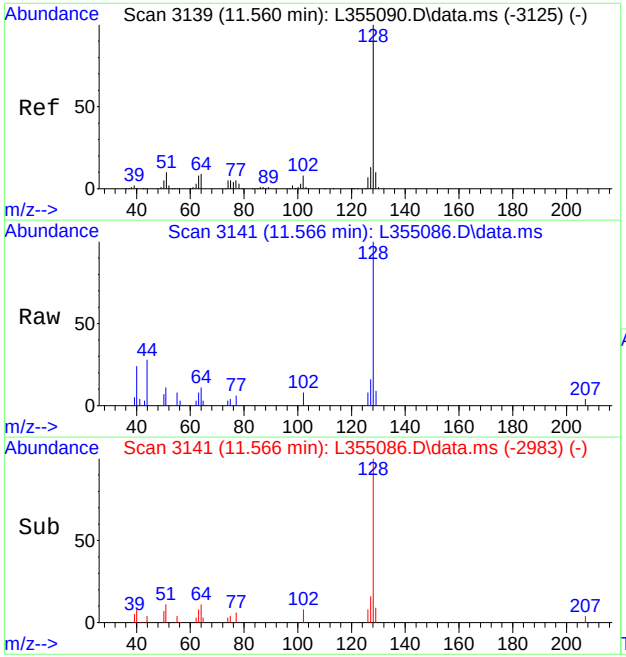


#117
hexachlorobutadiene
Concen: 2.07 ug/L
RT: 11.441 min Scan# 3102
Delta R.T. 0.003 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:225 Resp: 2768

Ion	Ratio	Lower	Upper
225	100		
223	59.8	30.5	90.5
227	48.5	37.2	97.2

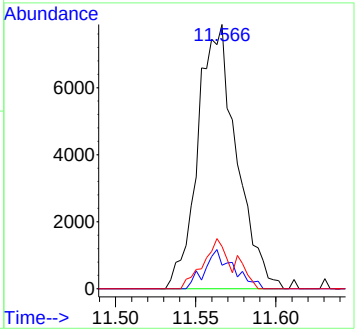


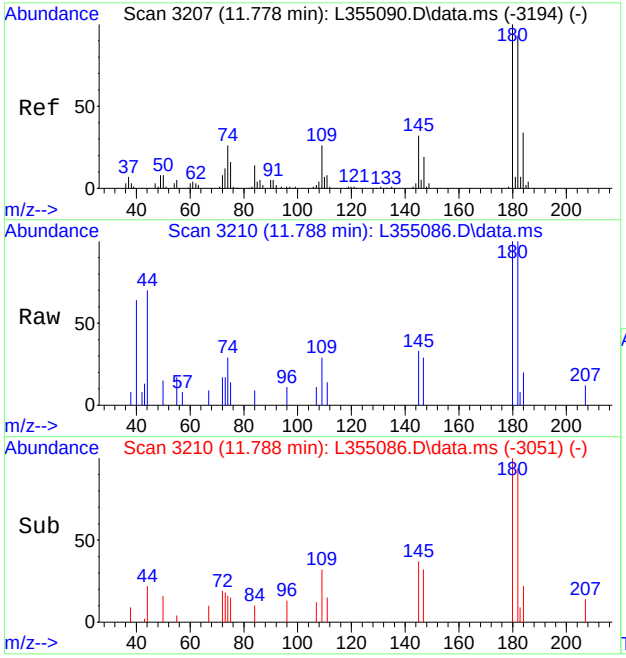


#118
naphthalene
Concen: 1.63 ug/L
RT: 11.566 min Scan# 3141
Delta R.T. 0.006 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:128 Resp: 13229

Ion	Ratio	Lower	Upper
128	100		
129	8.9	0.0	40.2
127	16.0	0.0	43.0

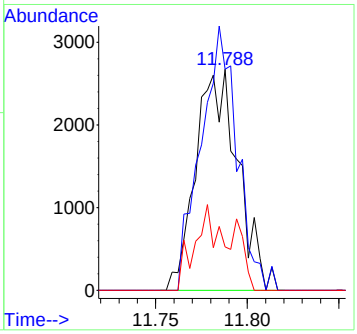


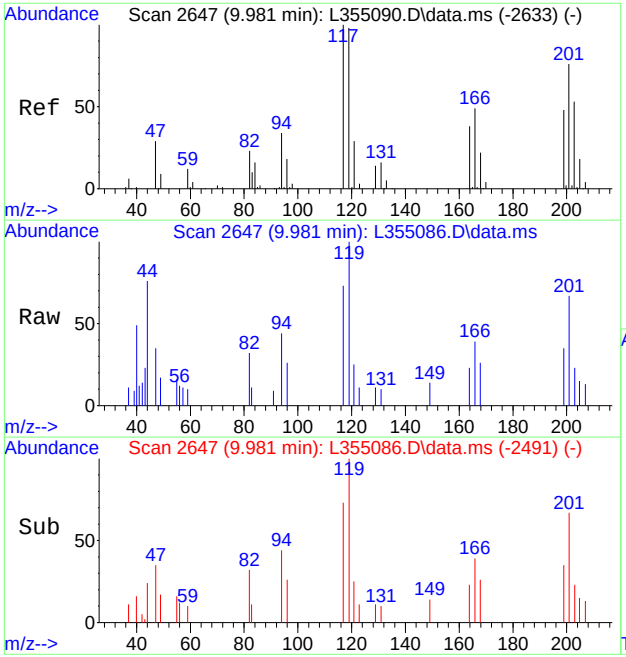


#119
1,2,3-trichlorobenzene
Concen: 1.68 ug/L
RT: 11.788 min Scan# 3210
Delta R.T. 0.009 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:180 Resp: 4291

Ion	Ratio	Lower	Upper
180	100		
182	108.0	63.1	123.1
184	19.7	3.8	63.8

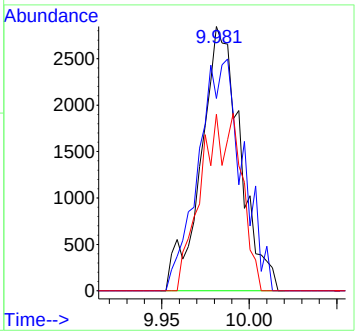


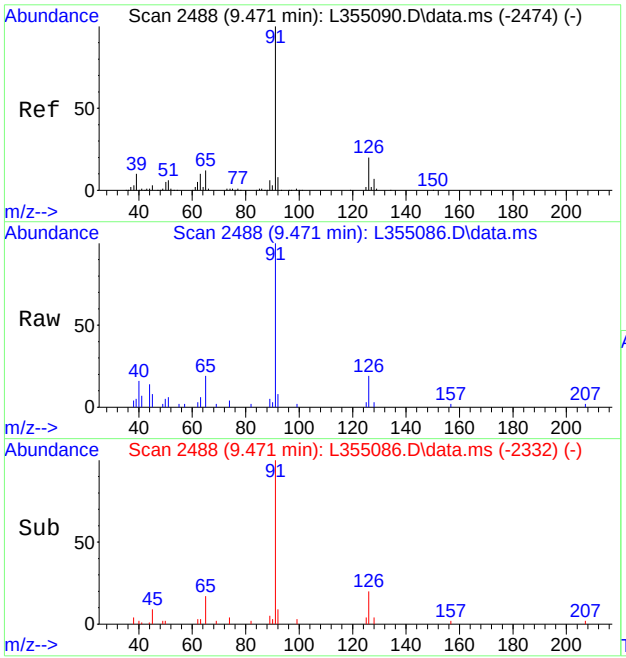


#120
hexachloroethane
Concen: 2.11 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion:119 Resp: 4452

Ion	Ratio	Lower	Upper
119	100		
117	72.7	71.9	131.9
201	66.8	47.2	107.2

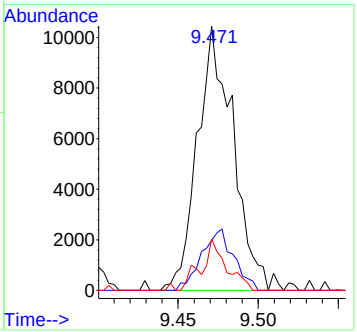




#121
benzyl chloride
Concen: 1.83 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355086.D
Acq: 29 Apr 2023 7:21 pm

Tgt Ion: 91 Resp: 16262

Ion	Ratio	Lower	Upper
91	100		
126	18.9	0.0	50.3
65	19.5	0.0	42.2



Manual Integration Approval Summary

Sample Number:	VL10779-IC10779	**Method:**	SW846 8260D
Lab FileID:	L355086.D	**Analyst approved:**	05/01/23 12:21 MoHui Huang
Injection Time:	04/29/23 19:21	**Supervisor approved:**	05/02/23 09:56 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Bromomethane	74-83-9		2.09	Split peak
IsoAmyl Alcohol	123-51-3		5.81	Split peak

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/02/23 09:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355087.D
Acq On : 29 Apr 2023 7:43 pm
Operator : PrashanS
Sample : IC10779-4
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 12:35:29 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:34:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.992	65	161321	500.00	ug/L		0.00
5) pentafluorobenzene	4.199	168	305728	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.763	114	425131	50.00	ug/L		0.00
72) chlorobenzene-d5	7.151	117	363708	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.339	152	151295	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.199	168	305728	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.339	152	151295	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.208	113	125890	50.29	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.58%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	154790	50.01	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.02%				
73) toluene-d8 (s)	5.906	98	487889	49.61	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.22%				
96) 4-bromofluorobenzene (s)	8.229	95	174302	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
Target Compounds							Qvalue
2) 1,4-dioxane	5.197	88	1030m	95.58	ug/L		
3) ethanol	2.431	45	10209	359.88	ug/L		99
4) tertiary butyl alcohol	3.043	59	11800	21.42	ug/L		89
6) chlorodifluoromethane	1.612	51	32576	3.76	ug/L	#	99
7) dichlorodifluoromethane	1.599	85	24872	4.04	ug/L		97
8) chloromethane	1.750	50	27567	3.95	ug/L		99
9) vinyl chloride	1.834	62	21377	4.04	ug/L		92
10) 1,3-butadiene	1.863	54	23295	3.79	ug/L		92
11) bromomethane	2.087	96	7559	3.58	ug/L		95
12) chloroethane	2.161	64	10703	3.79	ug/L		96
13) trichlorofluoromethane	2.344	101	22083	3.97	ug/L		94
14) ethyl ether	2.520	74	9907	4.02	ug/L		88
15) acrolein	2.623	56	5233	4.19	ug/L		81
16) freon 113	2.687	151	12363	3.97	ug/L	#	84
17) 1,1-dichloroethene	2.700	96	11692	3.93	ug/L		89
18) acetone	2.707	58	10323	15.10	ug/L	#	62
19) acetonitrile	2.896	40	16241	46.77	ug/L	#	79
20) iodomethane	2.812	142	9847	3.63	ug/L		85
21) iso-butyl alcohol	4.349	43	10687	46.90	ug/L		94
22) carbon disulfide	2.867	76	49511	3.79	ug/L		94
23) methylene chloride	3.015	84	14147	3.76	ug/L		89
24) methyl acetate	2.909	74	3494	3.61	ug/L	#	83
25) methyl tert butyl ether	3.185	73	48307	4.06	ug/L		98
26) trans-1,2-dichloroethene	3.201	96	14367	4.12	ug/L		96
27) hexane	3.377	57	37072	4.07	ug/L		90
28) di-isopropyl ether	3.486	45	75288	4.04	ug/L		99
29) ethyl tert-butyl ether	3.727	59	61913	4.08	ug/L		88
30) 2-butanone	3.855	72	11434	18.71	ug/L	#	76
31) 1,1-dichloroethane	3.496	63	33051	4.26	ug/L		94
32) chloroprene	3.544	53	32925	4.06	ug/L		94
33) acrylonitrile	3.169	53	10146m	3.94	ug/L		
34) vinyl acetate	3.470	86	3886	4.97	ug/L	#	94
35) ethyl acetate	3.865	45	4480	4.34	ug/L	#	58
36) 2,2-dichloropropane	3.887	77	23581	3.95	ug/L		94
37) cis-1,2-dichloroethene	3.875	96	15277	4.05	ug/L		98
38) propionitrile	3.900	54	35851	41.09	ug/L		97
39) methyl acrylate	3.903	85	3164	4.77	ug/L	#	56
40) bromochloromethane	4.041	128	7330	4.44	ug/L		83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355087.D
Acq On : 29 Apr 2023 7:43 pm
Operator : PrashanS
Sample : IC10779-4
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 12:35:29 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:34:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.051	72	3340	4.81	ug/L	#	37
42) chloroform	4.099	83	26437	3.69	ug/L		93
44) methacrylonitrile	4.006	67	9645	4.44	ug/L	#	76
45) 1,1,1-trichloroethane	4.237	97	20071	4.02	ug/L		81
46) cyclohexane	4.295	84	21851	3.88	ug/L		91
47) 1,1-dichloropropene	4.343	75	19362	3.94	ug/L		95
48) carbon tetrachloride	4.346	117	18725	4.16	ug/L		85
49) isopropyl acetate	4.455	87	4079	3.96	ug/L	#	59
50) tert amyl alcohol	4.446	55	4882	22.91	ug/L	#	73
53) tert-amyl methyl ether	4.548	73	46908	3.99	ug/L		99
54) 2,2,4-trimethylpentane	4.548	57	60979	3.98	ug/L		98
55) n-butyl alcohol	4.828	56	21747	210.36	ug/L		87
56) benzene	4.487	78	61610	4.28	ug/L		94
57) heptane	4.664	57	14844	4.37	ug/L		82
58) 1,2-dichloroethane	4.510	62	20713	3.76	ug/L		91
59) trichloroethene	4.956	95	14891	4.00	ug/L		94
60) ethyl acrylate	4.975	55	32681	4.20	ug/L		95
61) 2-nitropropane	5.501	41	8390	5.32	ug/L		91
62) 2-chloroethyl vinyl ether	5.537	63	35149	20.60	ug/L		91
63) methyl methacrylate	5.152	100	4708	4.13	ug/L		98
64) 1,2-dichloropropane	5.155	63	18421	3.95	ug/L		96
65) methylcyclohexane	5.145	83	28051	4.04	ug/L		85
66) dibromomethane	5.222	93	8606	3.75	ug/L		99
67) bromodichloromethane	5.341	83	21644	4.01	ug/L		90
68) cis-1,3-dichloropropene	5.681	75	26139	3.86	ug/L		96
69) epichlorohydrin	5.588	57	12601	20.92	ug/L		93
70) 4-methyl-2-pentanone	5.781	58	42091	16.30	ug/L		96
71) 3-methyl-1-butanol	5.810	70	8865	79.93	ug/L	#	70
74) toluene	5.964	92	35584	4.27	ug/L		97
75) trans-1,3-dichloropropene	6.134	75	23873	3.85	ug/L		95
76) ethyl methacrylate	6.153	69	22395	3.95	ug/L		99
77) 1,1,2-trichloroethane	6.307	83	12127	3.94	ug/L		89
78) 2-hexanone	6.467	58	41270	16.44	ug/L		99
79) tetrachloroethene	6.397	166	14697	4.23	ug/L		81
80) 1,3-dichloropropane	6.445	76	25418	4.28	ug/L		97
81) butyl acetate	6.554	56	16433	4.12	ug/L		96
82) dibromochloromethane	6.634	129	14310	3.89	ug/L		74
83) 1,2-dibromoethane	6.750	107	13798	3.87	ug/L		85
84) n-butyl ether	7.225	57	78250	4.43	ug/L		96
85) chlorobenzene	7.180	112	37090	4.25	ug/L		92
86) 1,1,1,2-tetrachloroethane	7.241	131	12704	4.01	ug/L	#	75
87) ethylbenzene	7.254	91	65897	4.28	ug/L		99
88) m,p-xylene	7.366	106	51070	8.28	ug/L		92
89) o-xylene	7.722	106	25683	4.01	ug/L		86
90) butyl acrylate	7.648	55	42122	3.98	ug/L		90
91) styrene	7.738	104	40563	4.12	ug/L		96
92) bromoform	7.918	173	10863	4.10	ug/L		72
93) isopropylbenzene	8.056	105	61931	3.84	ug/L		95
94) cis-1,4-dichloro-2-butene	8.107	88	7125	4.38	ug/L	#	86
97) bromobenzene	8.373	156	13760	4.07	ug/L	#	83
98) 1,1,2,2-tetrachloroethane	8.348	83	20509	4.12	ug/L		92
99) trans-1,4-dichloro-2-b...	8.383	53	6351	4.05	ug/L		91
100) 1,2,3-trichloropropane	8.406	110	5875	4.55	ug/L		66
101) n-propylbenzene	8.450	91	71215	4.02	ug/L		91
102) 2-chlorotoluene	8.544	126	13060	3.81	ug/L		88
103) 4-chlorotoluene	8.665	126	13420	4.08	ug/L		91
104) 1,3,5-trimethylbenzene	8.621	105	48433	3.88	ug/L		99
105) tert-butylbenzene	8.925	119	40564	3.92	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355087.D
Acq On : 29 Apr 2023 7:43 pm
Operator : PrashanS
Sample : IC10779-4
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 12:35:29 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:34:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) 1,2,4-trimethylbenzene	8.980	105	51390	4.17	ug/L		92
107) sec-butylbenzene	9.144	105	61249	4.12	ug/L		92
108) 1,3-dichlorobenzene	9.262	146	24172	4.17	ug/L		89
109) p-isopropyltoluene	9.288	119	45776	3.91	ug/L		95
110) 1,4-dichlorobenzene	9.365	146	20604	3.73	ug/L		92
111) 1,2,3-trimethylbenzene	9.387	105	45637	4.04	ug/L		98
112) 1,2-dichlorobenzene	9.715	146	22525	4.10	ug/L		94
113) n-butylbenzene	9.692	92	22114	3.90	ug/L		95
114) 1,2-dibromo-3-chloropr...	10.482	157	3875	3.64	ug/L	#	79
115) 1,3,5-trichlorobenzene	10.674	180	13609	3.90	ug/L		93
116) 1,2,4-trichlorobenzene	11.300	180	10100	3.55	ug/L		77
117) hexachlorobutadiene	11.435	225	5397	4.07	ug/L		92
118) naphthalene	11.560	128	29441	3.82	ug/L		96
119) 1,2,3-trichlorobenzene	11.785	180	8967	3.71	ug/L		97
120) hexachloroethane	9.984	119	8940	4.24	ug/L		87
121) benzyl chloride	9.471	91	32743	3.81	ug/L		93

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

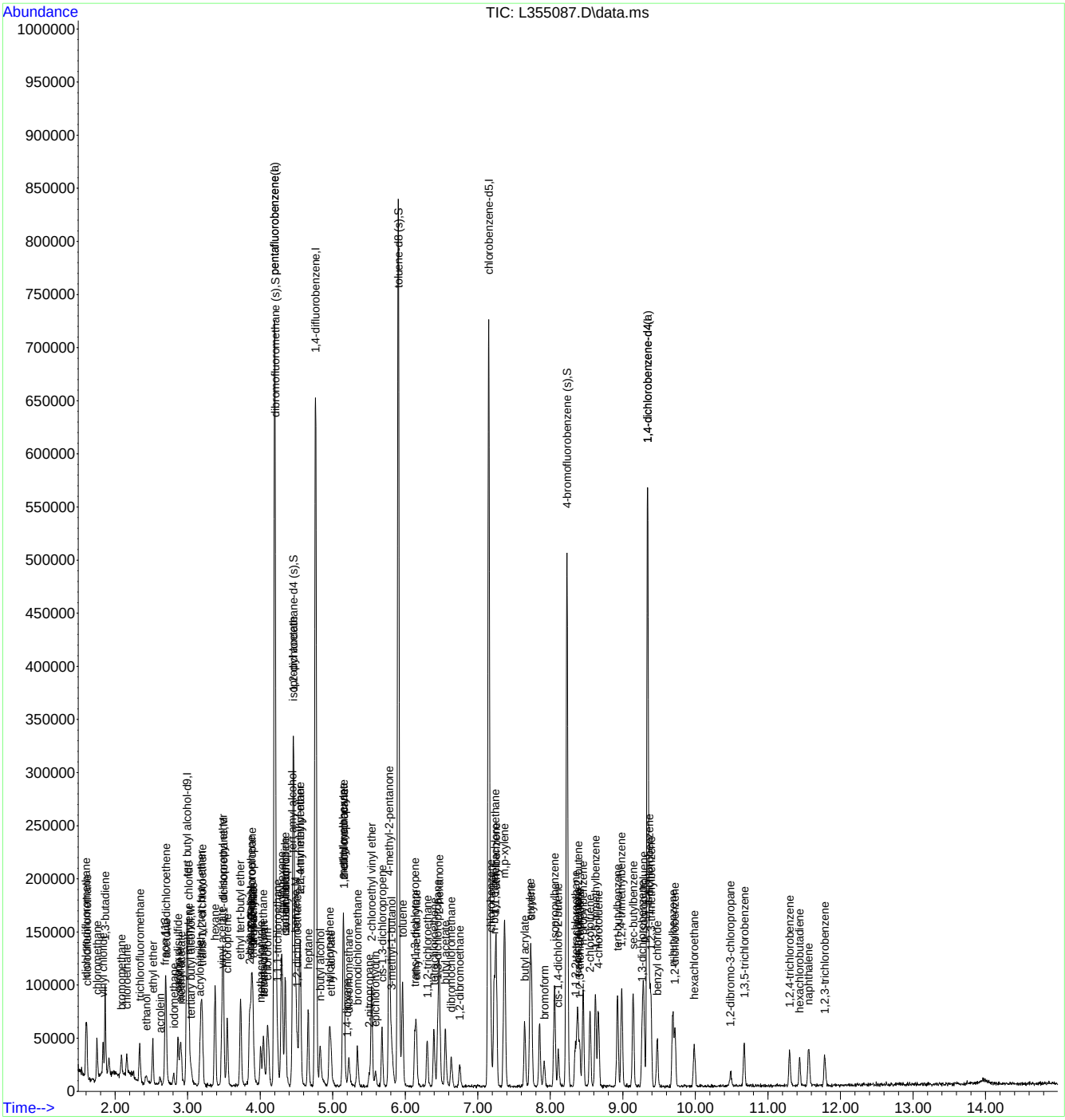
7.7.44

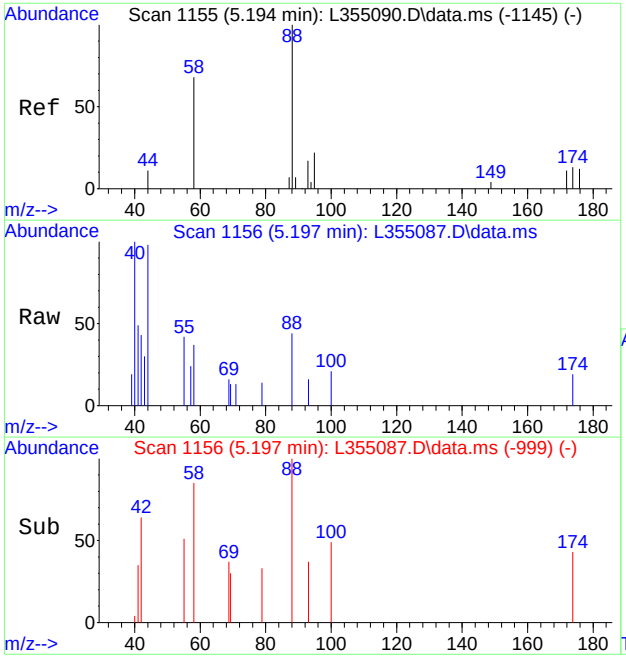
7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355087.D
Acq On : 29 Apr 2023 7:43 pm
Operator : PrashanS
Sample : IC10779-4
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 12:35:29 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:34:24 2023
Response via : Initial Calibration

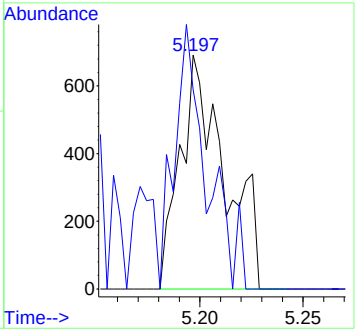


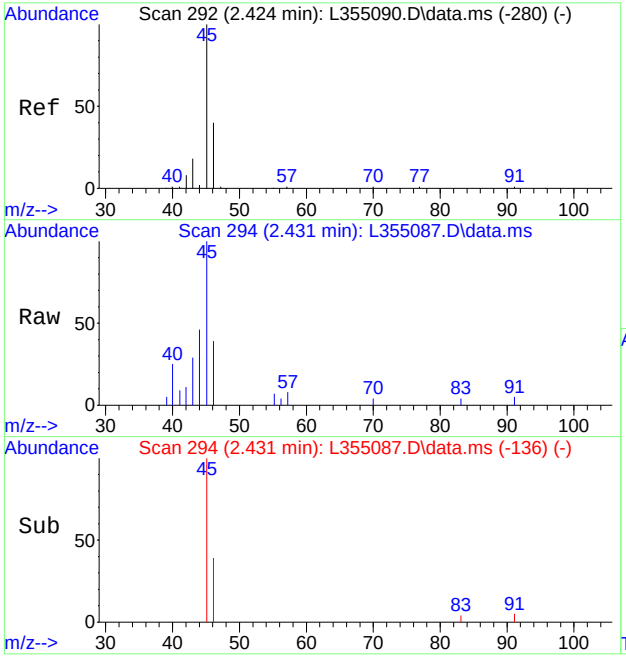


#2
1,4-dioxane
Concen: 95.58 ug/L m
RT: 5.197 min Scan# 1156
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 88 Resp: 1030

Ion	Ratio	Lower	Upper
88	100		
58	85.2	53.2	113.2

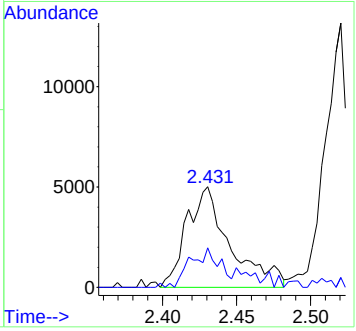


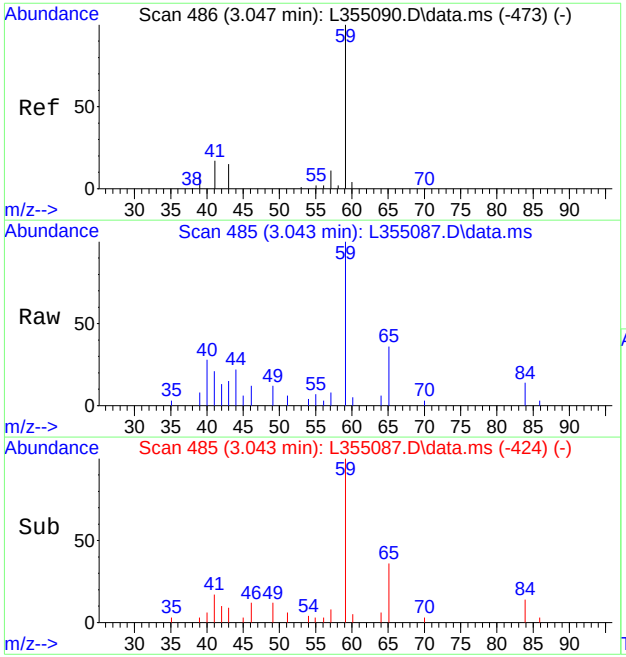


#3
ethanol
Concen: 359.88 ug/L
RT: 2.431 min Scan# 294
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 45 Resp: 10209

Ion	Ratio	Lower	Upper
45	100		
46	39.2	20.0	60.0

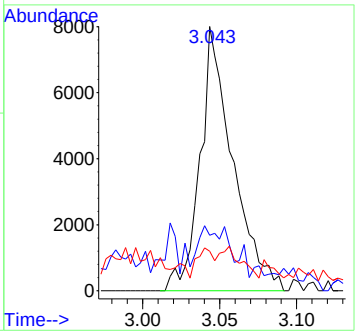


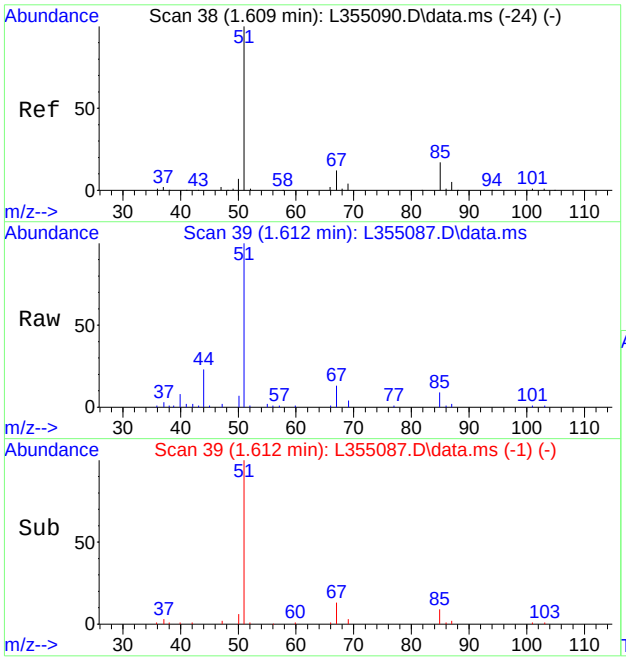


#4
tertiary butyl alcohol
Concen: 21.42 ug/L
RT: 3.043 min Scan# 485
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 59 Resp: 11800

Ion	Ratio	Lower	Upper
59	100		
41	12.5	0.0	47.4
43	10.1	0.0	44.8

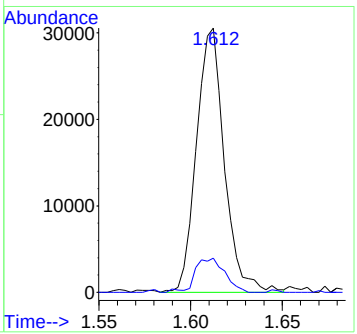


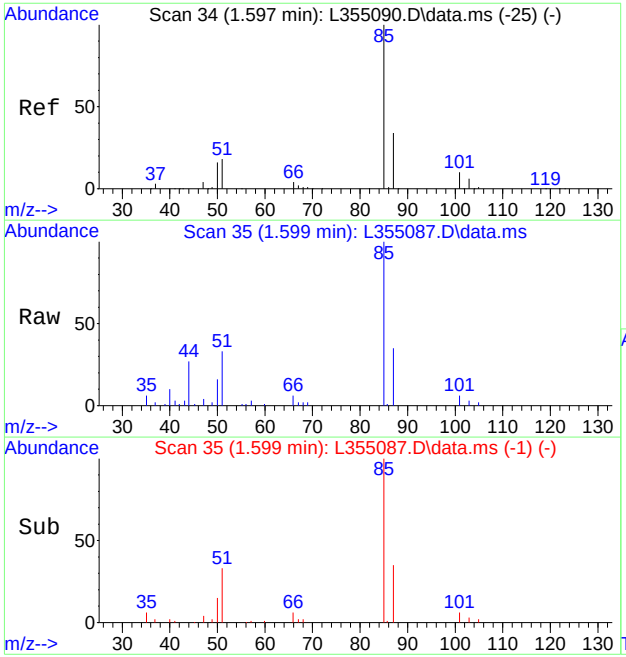


#6
chlorodifluoromethane
Concen: 3.76 ug/L
RT: 1.612 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 51 Resp: 32576

Ion	Ratio	Lower	Upper
51	100		
67	12.9	12.4	12.4#

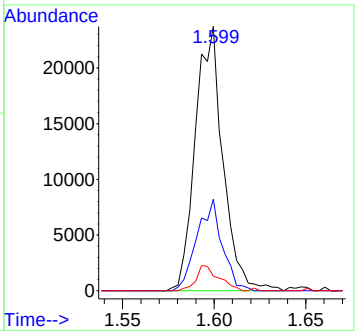


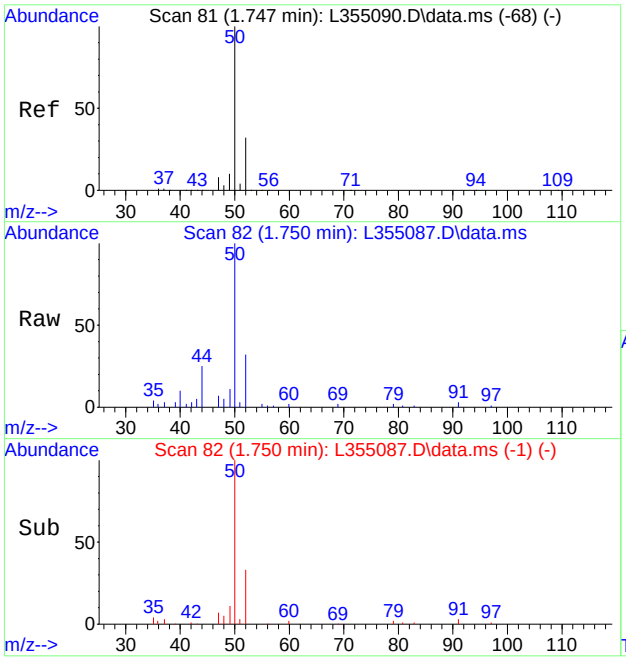


#7
dichlorodifluoromethane
Concen: 4.04 ug/L
RT: 1.599 min Scan# 35
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 85 Resp: 24872

Ion	Ratio	Lower	Upper
85	100		
87	34.3	3.9	63.9
101	5.5	0.0	39.7

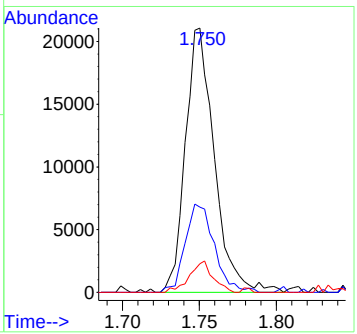


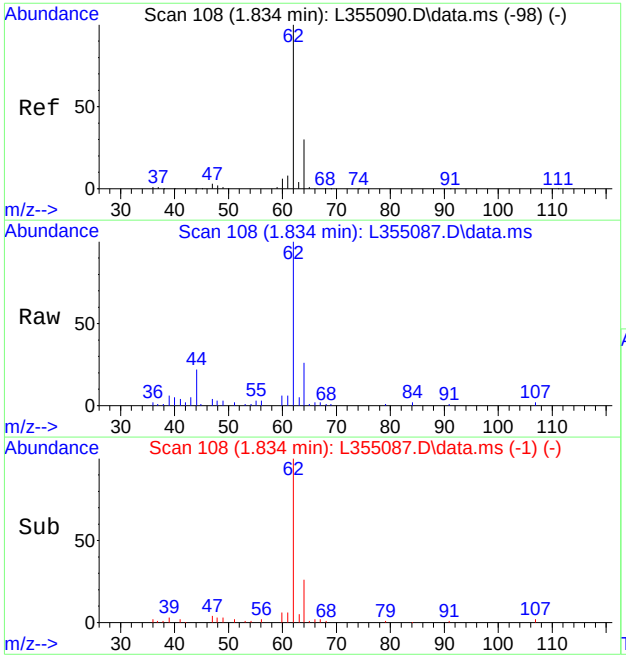


#8
chloromethane
Concen: 3.95 ug/L
RT: 1.750 min Scan# 82
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 50 Resp: 27567

Ion	Ratio	Lower	Upper
50	100		
52	32.2	1.7	61.7
49	10.8	0.0	40.1

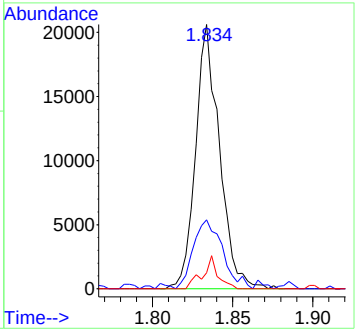


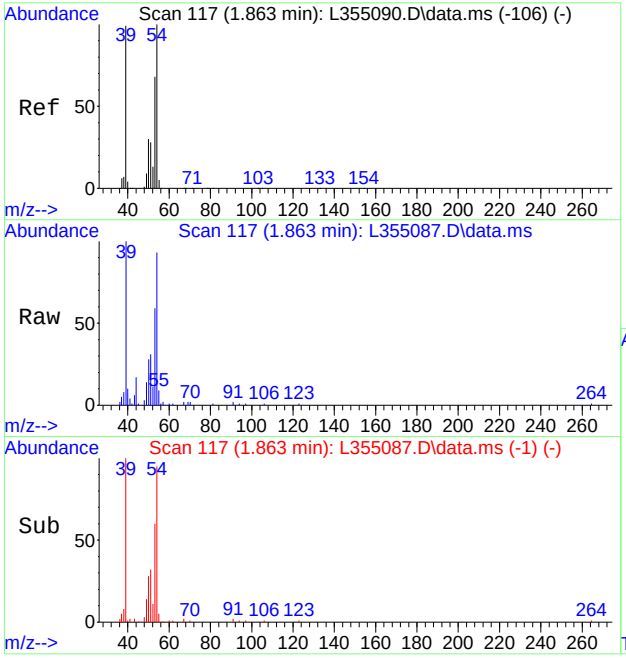


#9
vinyl chloride
Concen: 4.04 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 62 Resp: 21377

Ion	Ratio	Lower	Upper
62	100		
64	24.9	0.0	60.0
61	6.1	0.0	37.5

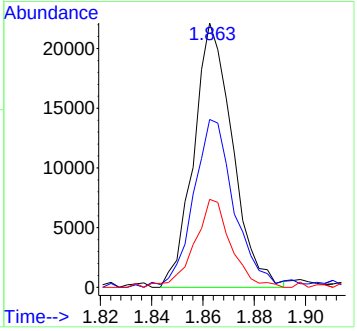


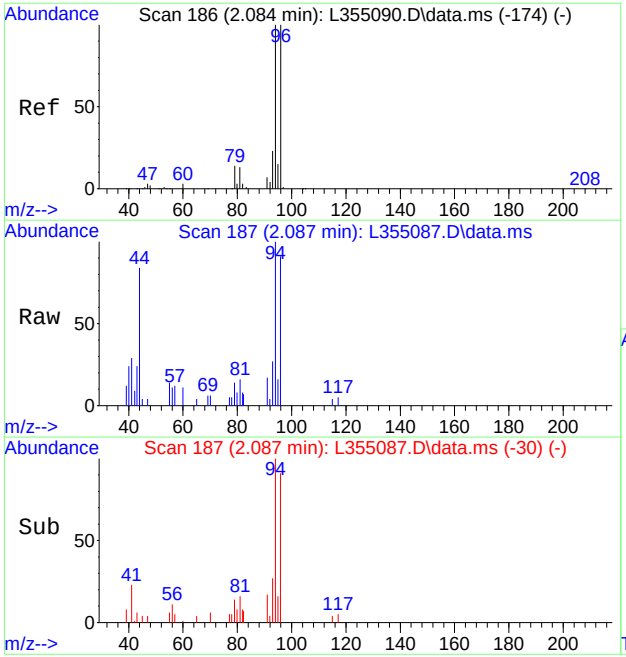


#10
1,3-butadiene
Concen: 3.79 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 54 Resp: 23295

Ion	Ratio	Lower	Upper
54	100		
53	62.4	38.4	98.4
51	33.3	0.0	57.9

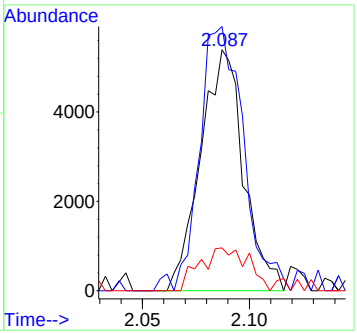


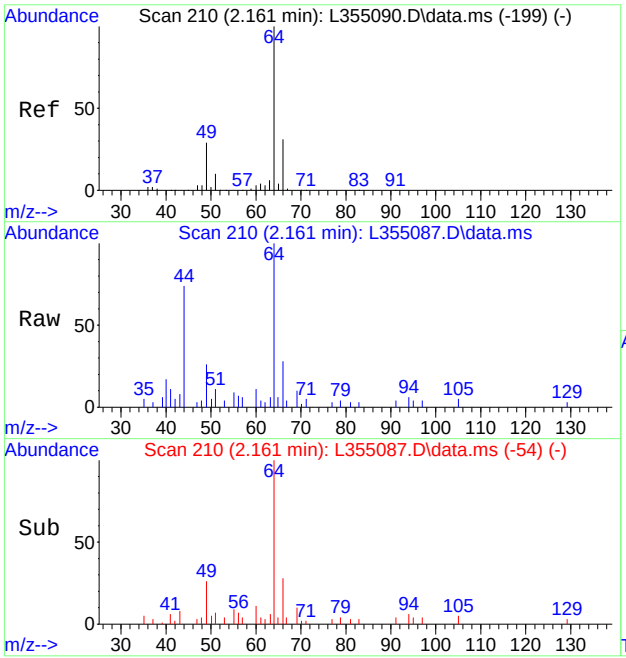


#11
bromomethane
Concen: 3.58 ug/L
RT: 2.087 min Scan# 187
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 96 Resp: 7559

Ion	Ratio	Lower	Upper
96	100		
94	104.6	70.4	130.4
95	17.8	0.0	44.4

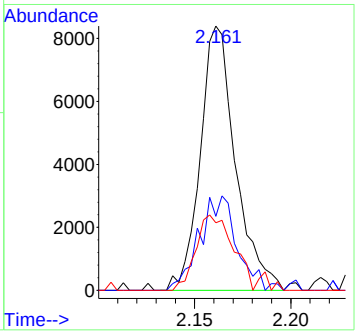




#12
chloroethane
Concen: 3.79 ug/L
RT: 2.161 min Scan# 210
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

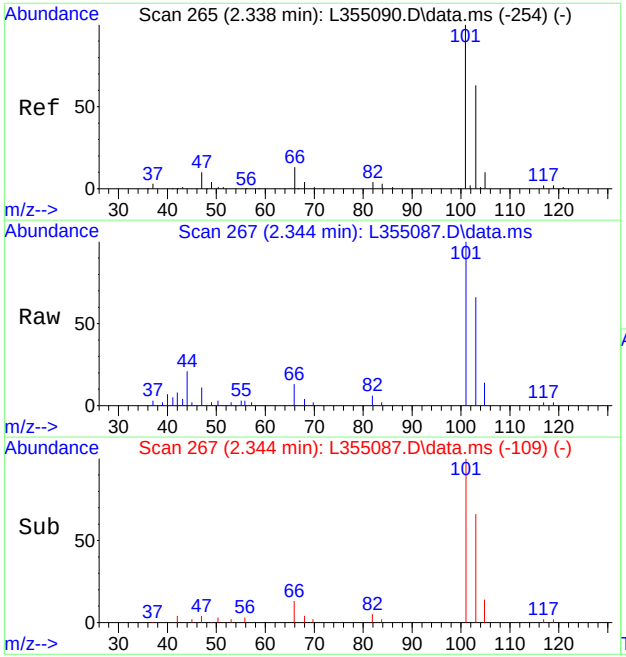
Tgt Ion: 64 Resp: 10703

Ion	Ratio	Lower	Upper
64	100		
66	32.0	1.3	61.3
49	25.5	0.0	58.9



7.7.44

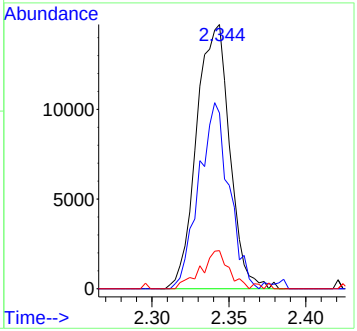
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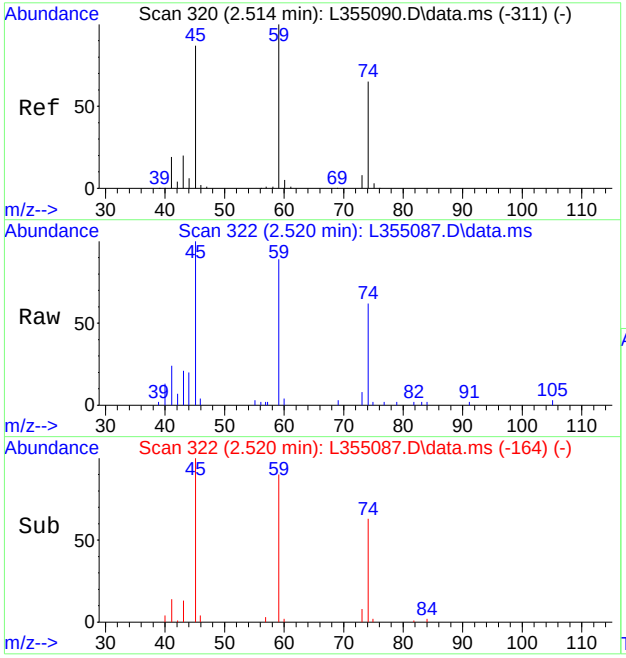


#13
trichlorofluoromethane
Concen: 3.97 ug/L
RT: 2.344 min Scan# 267
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:101 Resp: 22083

Ion	Ratio	Lower	Upper
101	100		
103	66.5	32.9	92.9
105	14.5	0.0	40.4

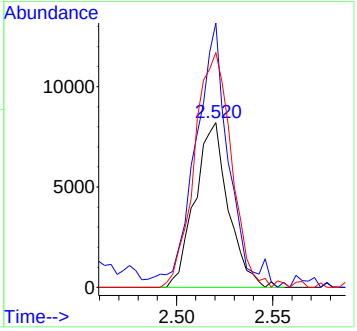




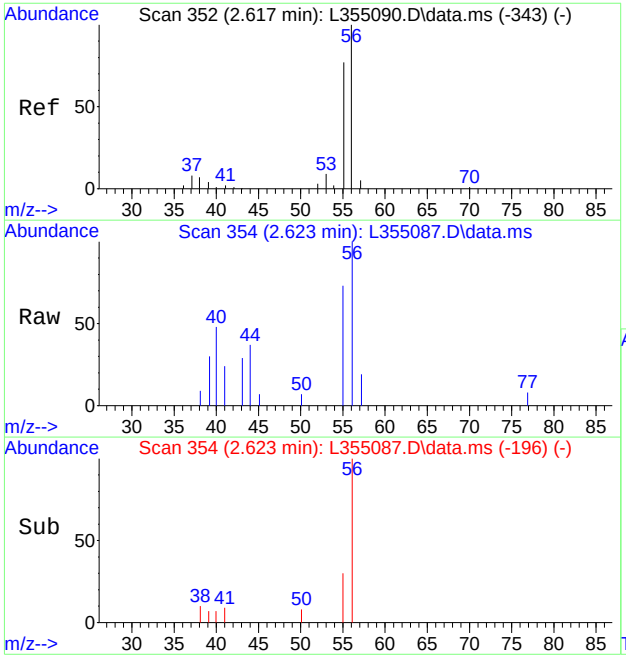
#14
ethyl ether
Concen: 4.02 ug/L
RT: 2.520 min Scan# 322
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 74 Resp: 9907

Ion	Ratio	Lower	Upper
74	100		
45	157.3	108.0	168.0
59	142.5	124.3	184.3



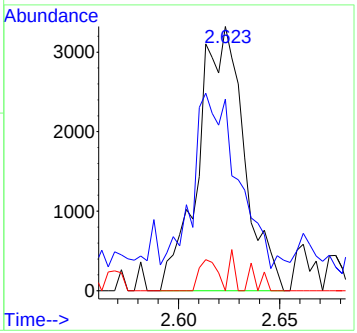
7.7.44

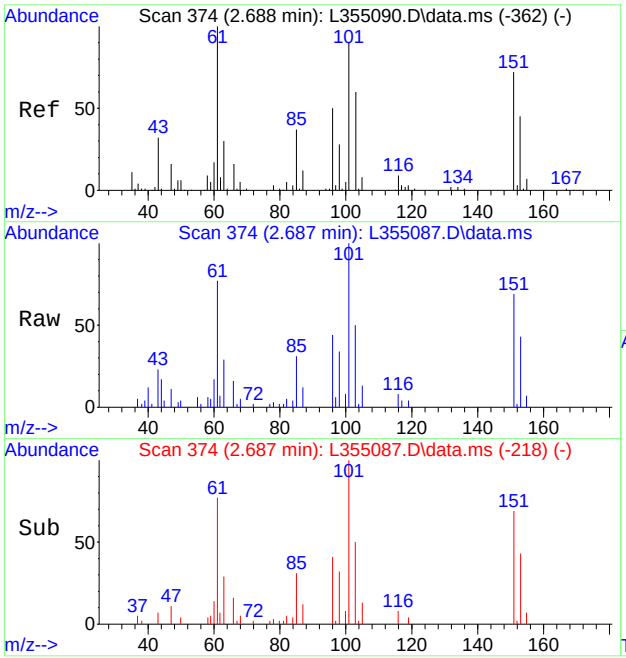


#15
acrolein
Concen: 4.19 ug/L
RT: 2.623 min Scan# 354
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 56 Resp: 5233

Ion	Ratio	Lower	Upper
56	100		
55	62.8	48.6	108.6
53	0.0	0.0	38.7

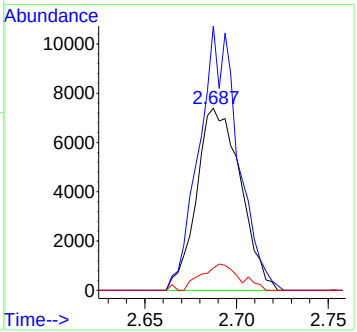


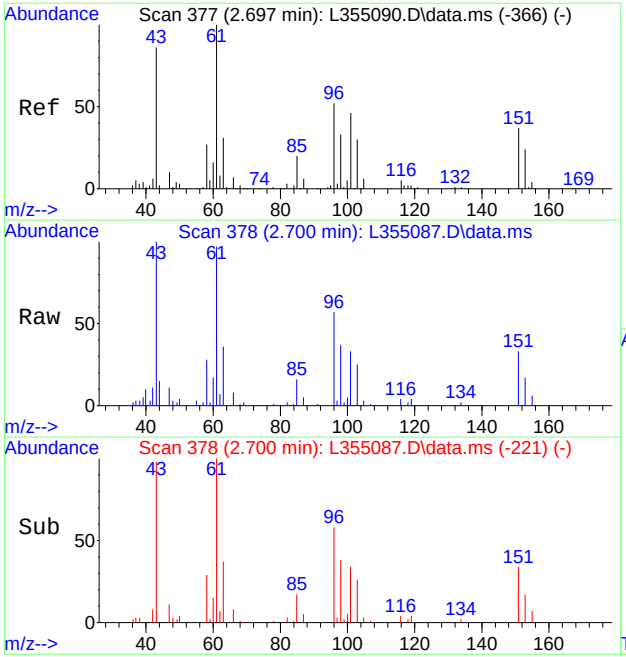


#16
freon 113
Concen: 3.97 ug/L
RT: 2.687 min Scan# 374
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:151 Resp: 12363

Ion	Ratio	Lower	Upper
151	100		
101	145.1	105.0	145.0#
116	12.1	0.0	31.9

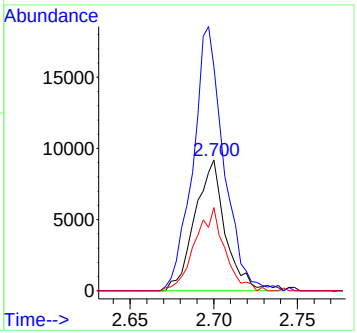


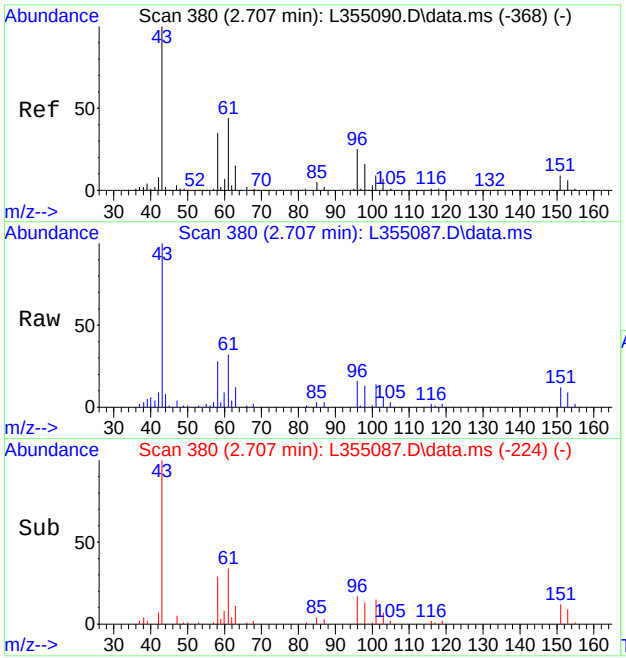


#17
1,1-dichloroethene
Concen: 3.93 ug/L
RT: 2.700 min Scan# 378
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 96 Resp: 11692

Ion	Ratio	Lower	Upper
96	100		
61	171.3	160.9	220.9
63	63.6	29.9	89.9

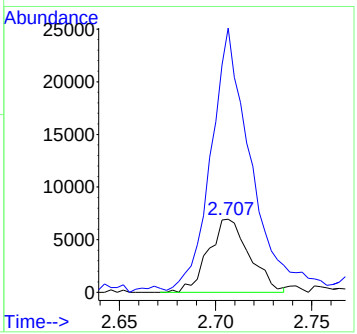


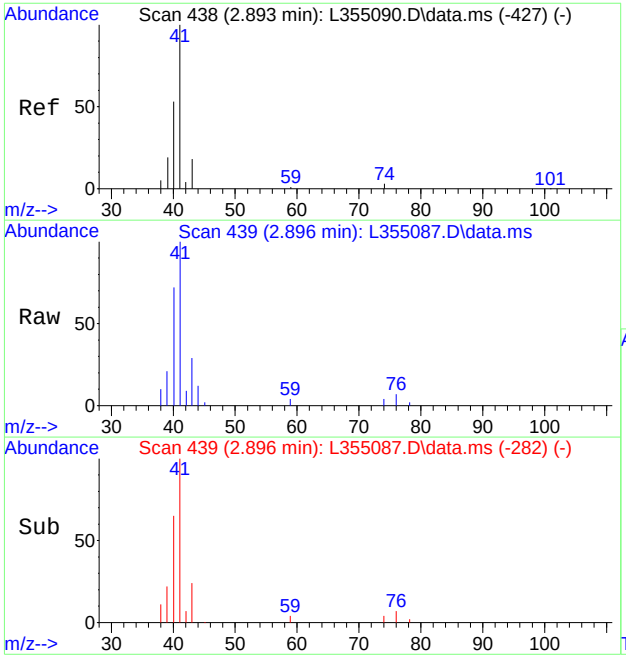


#18
acetone
Concen: 15.10 ug/L
RT: 2.707 min Scan# 380
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 58 Resp: 10323

Ion	Ratio	Lower	Upper
58	100		
43	355.4	253.7	313.7#

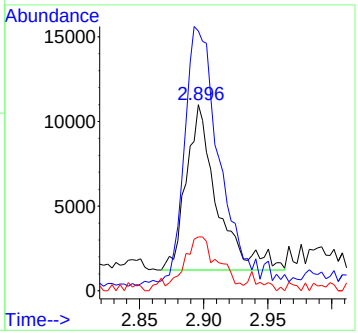


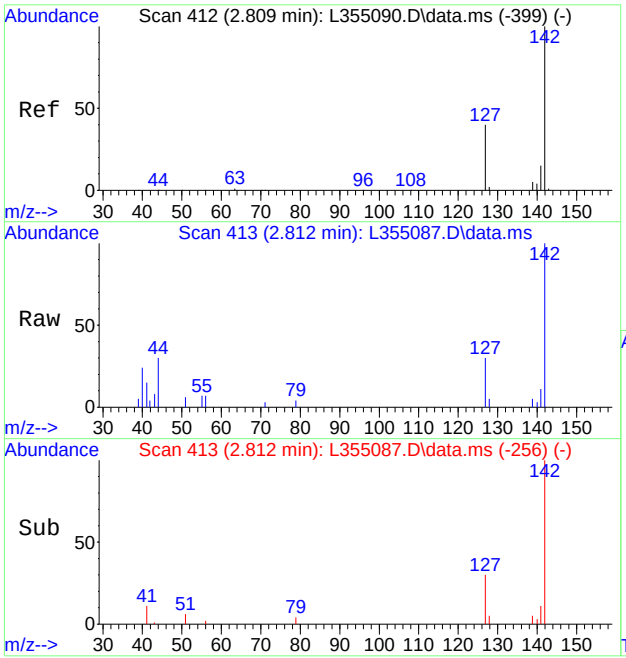


#19
acetonitrile
Concen: 46.77 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 40 Resp: 16241

Ion	Ratio	Lower	Upper
40	100		
41	151.3	156.9	216.9#
39	32.6	5.5	65.5

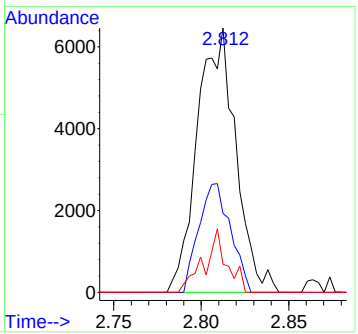


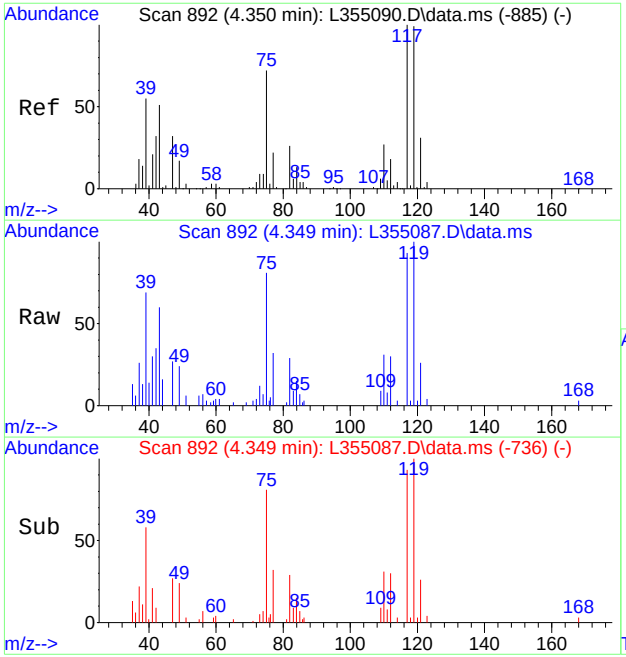


#20
iodomethane
Concen: 3.63 ug/L
RT: 2.812 min Scan# 413
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:142 Resp: 9847

Ion	Ratio	Lower	Upper
142	100		
127	29.8	9.8	69.8
141	10.6	0.0	45.4

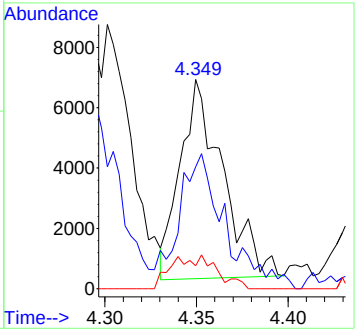


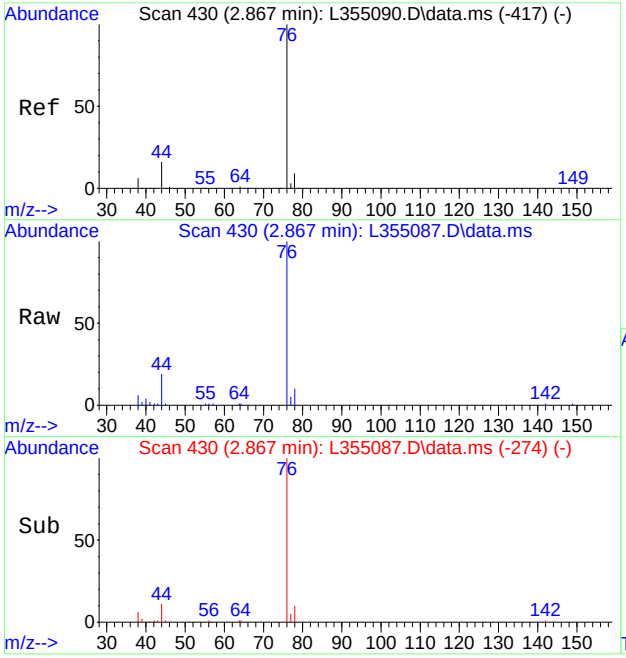


#21
iso-butyl alcohol
Concen: 46.90 ug/L
RT: 4.349 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 43 Resp: 10687

Ion	Ratio	Lower	Upper
43	100		
42	54.6	26.5	86.5
74	11.7	0.0	48.2

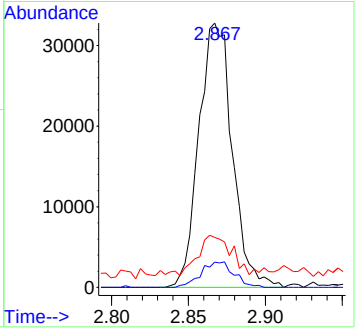




#22
carbon disulfide
Concen: 3.79 ug/L
RT: 2.867 min Scan# 430
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

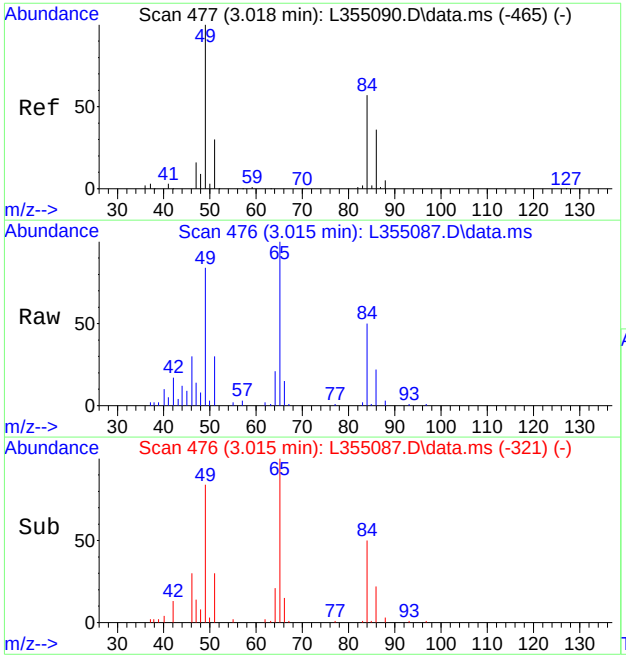
Tgt Ion: 76 Resp: 49511

Ion	Ratio	Lower	Upper
76	100		
78	9.6	0.0	39.1
44	12.5	0.0	45.8



7.7.4

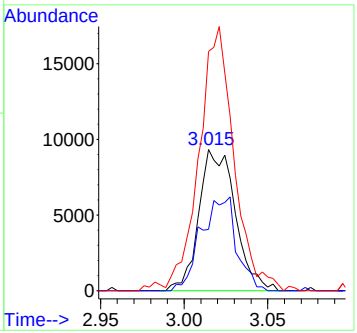
7

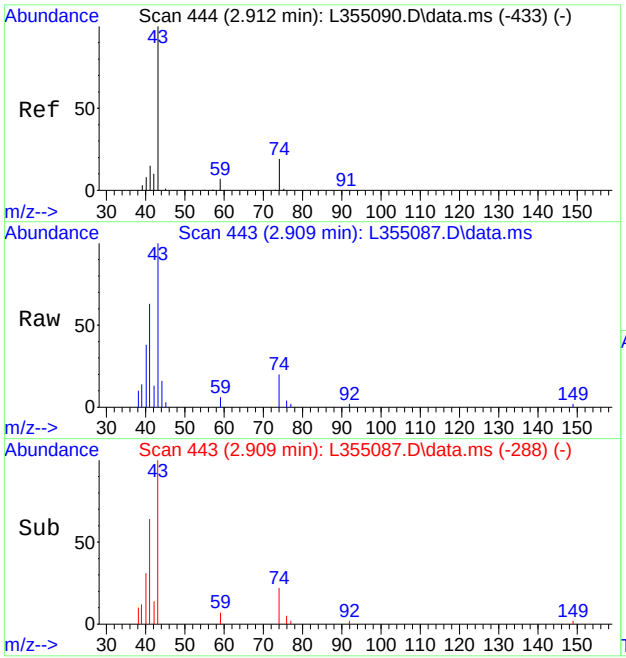


#23
methylene chloride
Concen: 3.76 ug/L
RT: 3.015 min Scan# 476
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 84 Resp: 14147

Ion	Ratio	Lower	Upper
84	100		
86	43.4	33.9	93.9
49	169.4	146.7	206.7

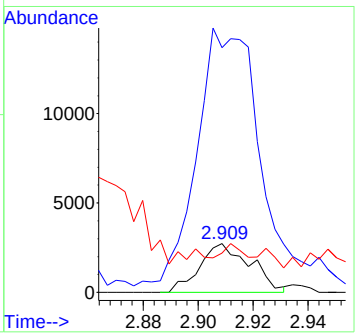


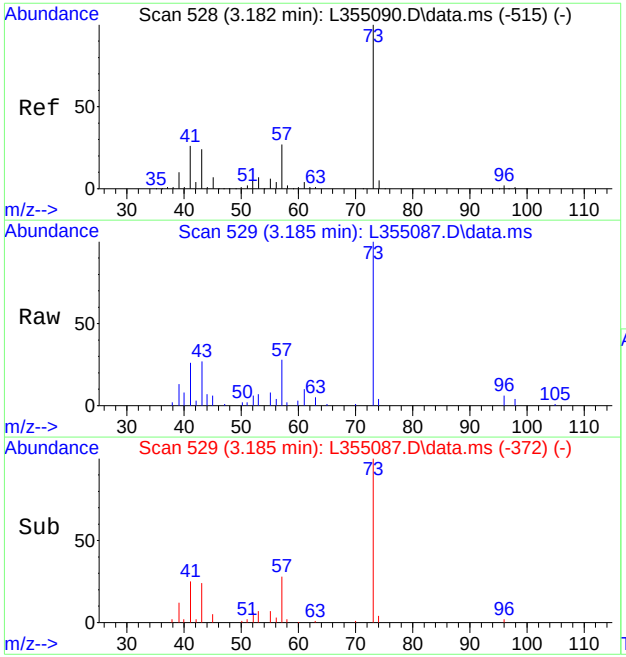


#24
methyl acetate
Concen: 3.61 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 74 Resp: 3494

Ion	Ratio	Lower	Upper
74	100		
43	477.2	495.9	555.9#
44	30.3	0.0	47.9

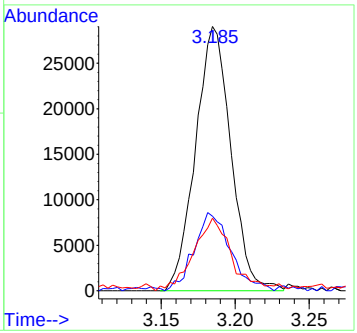


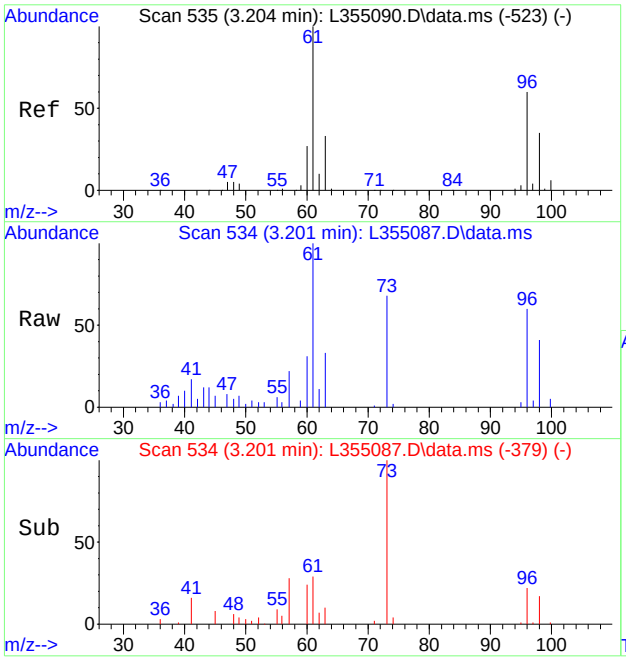


#25
methyl tert butyl ether
Concen: 4.06 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 73 Resp: 48307

Ion	Ratio	Lower	Upper
73	100		
57	27.3	0.0	57.4
43	26.1	0.0	54.2

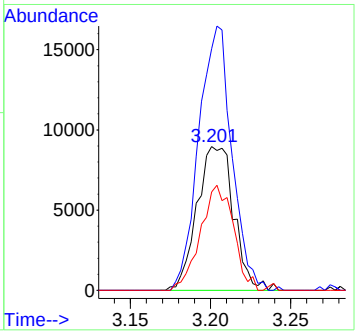


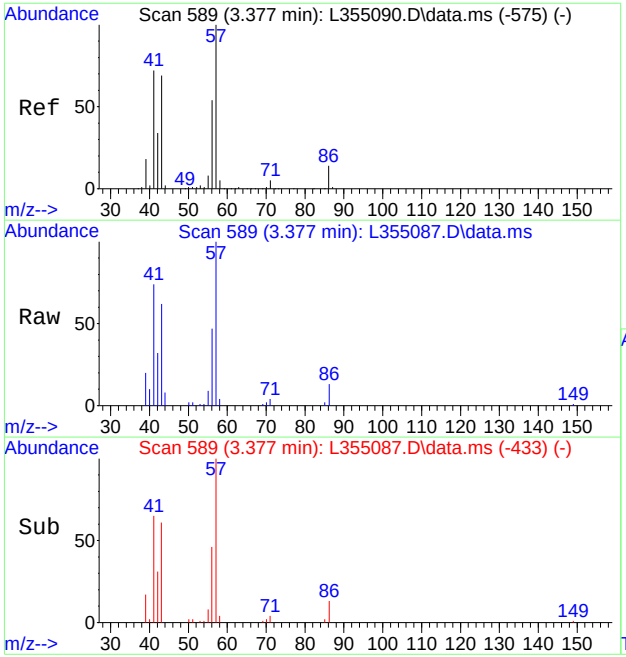


#26
trans-1,2-dichloroethene
Concen: 4.12 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 96 Resp: 14367

Ion	Ratio	Lower	Upper
96	100		
61	167.8	136.4	196.4
98	68.5	28.2	88.2

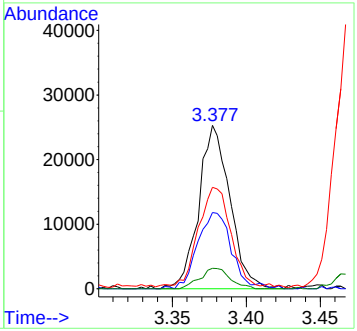


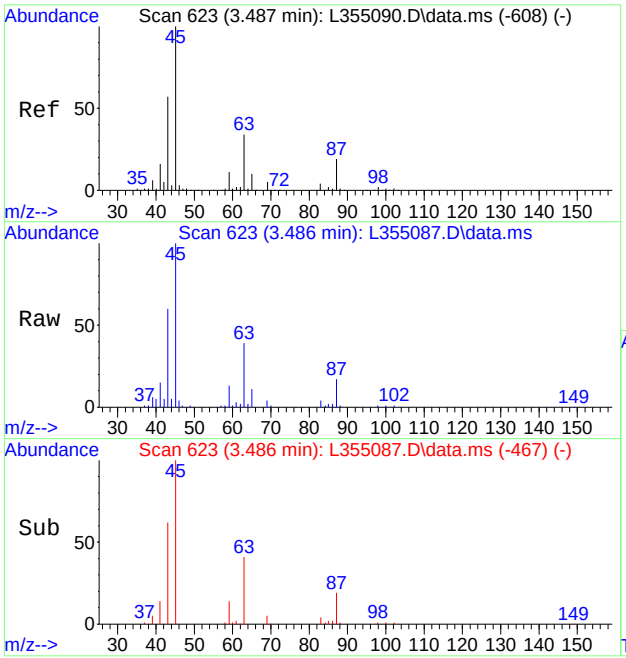


#27
hexane
Concen: 4.07 ug/L
RT: 3.377 min Scan# 589
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 57 Resp: 37072

Ion	Ratio	Lower	Upper
57	100		
56	46.7	33.8	73.8
43	60.7	49.1	89.1
86	12.5	0.0	34.3

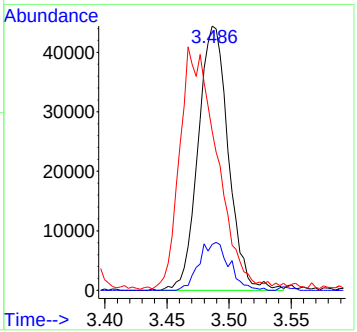


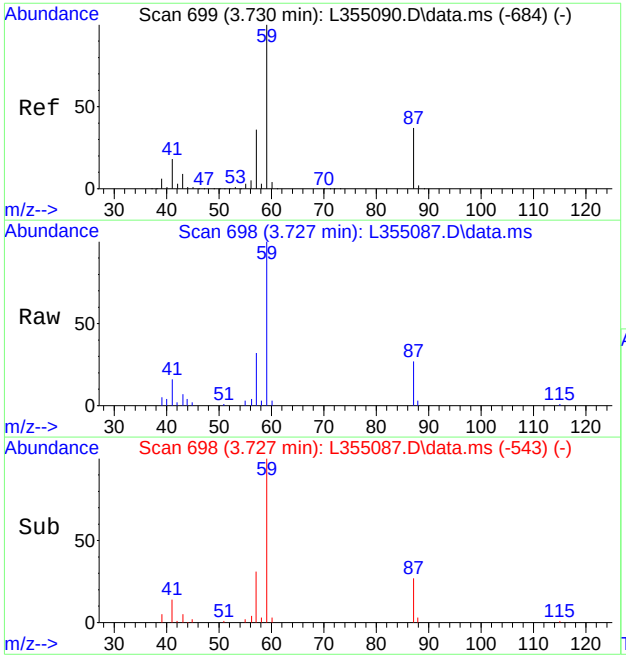


#28
di-isopropyl ether
Concen: 4.04 ug/L
RT: 3.486 min Scan# 623
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 45 Resp: 75288

Ion	Ratio	Lower	Upper
45	100		
87	17.4	0.0	49.3
43	57.4	27.4	87.4

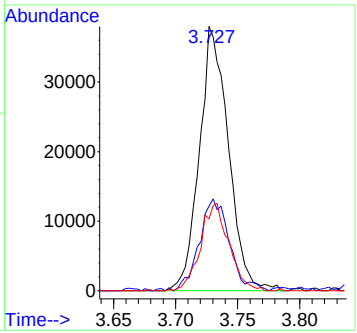


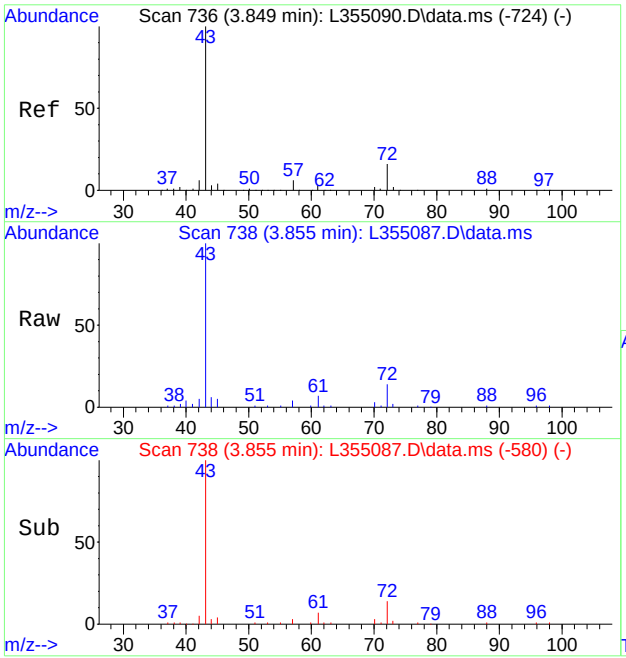


#29
ethyl tert-butyl ether
Concen: 4.08 ug/L
RT: 3.727 min Scan# 698
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 59 Resp: 61913

Ion	Ratio	Lower	Upper
59	100		
57	31.1	5.9	65.9
87	27.1	6.7	66.7

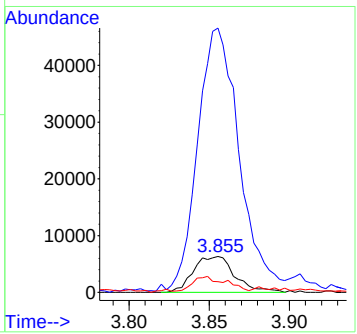


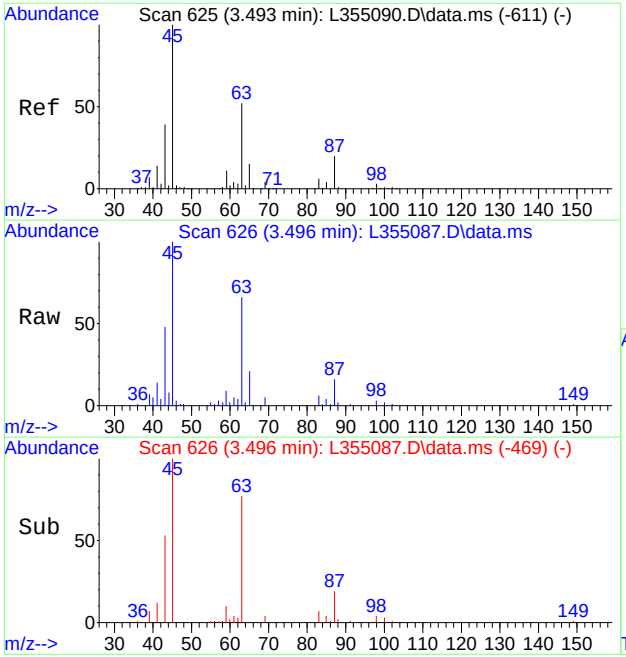


#30
2-butanone
Concen: 18.71 ug/L
RT: 3.855 min Scan# 738
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 72 Resp: 11434

Ion	Ratio	Lower	Upper
72	100		
43	710.9	604.7	664.7#
57	25.1	10.0	70.0

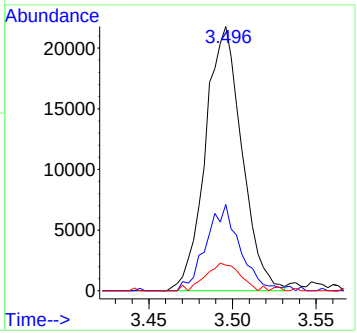


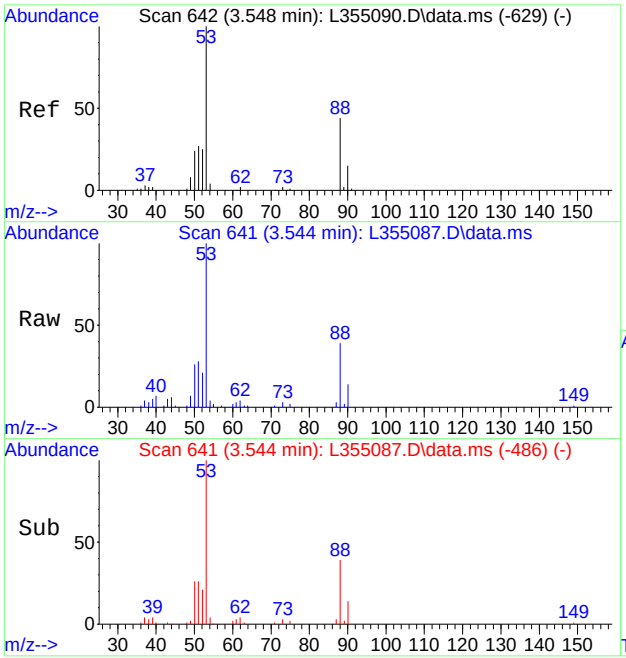


#31
1,1-dichloroethane
Concen: 4.26 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 63 Resp: 33051

Ion	Ratio	Lower	Upper
63	100		
65	32.6	0.0	59.0
83	9.6	0.0	41.4

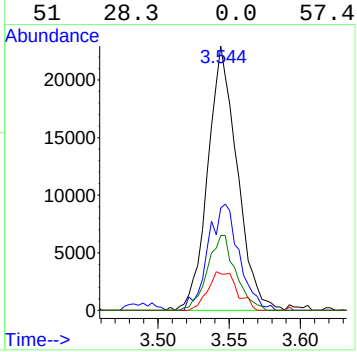


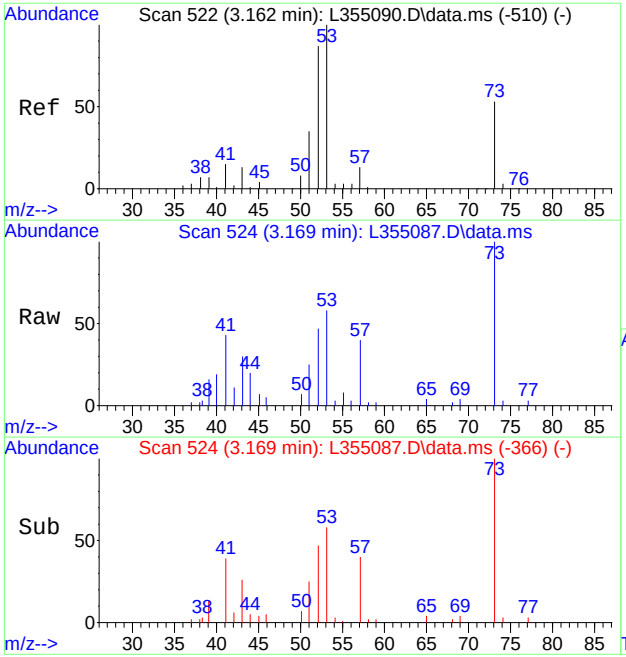


#32
chloroprene
Concen: 4.06 ug/L
RT: 3.544 min Scan# 641
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 53 Resp: 32925

Ion	Ratio	Lower	Upper
53	100		
88	38.7	14.5	74.5
90	13.8	0.0	45.2
51	28.3	0.0	57.4

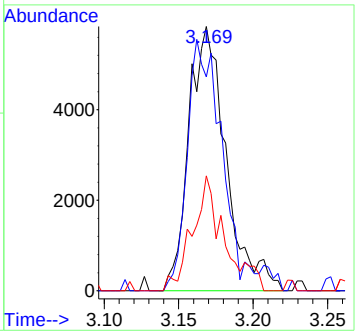


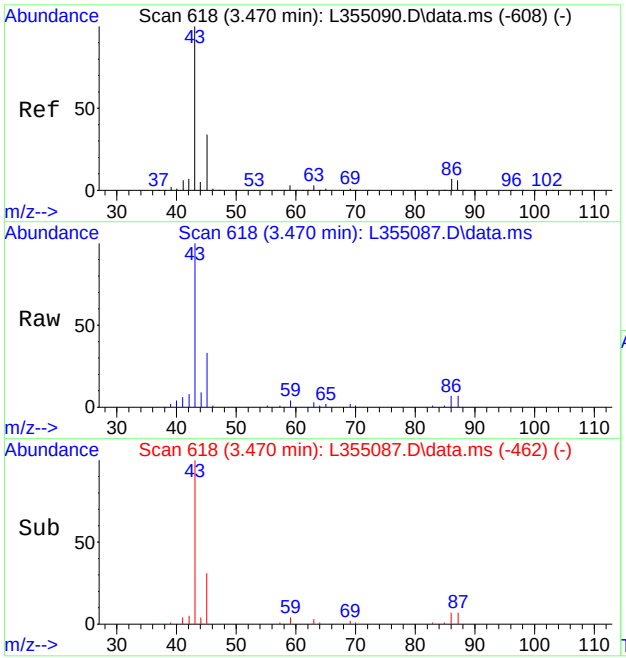


#33
acrylonitrile
Concen: 3.94 ug/L m
RT: 3.169 min Scan# 524
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 53 Resp: 10146

Ion	Ratio	Lower	Upper
53	100		
52	80.8	57.3	117.3
51	43.5	5.3	65.3

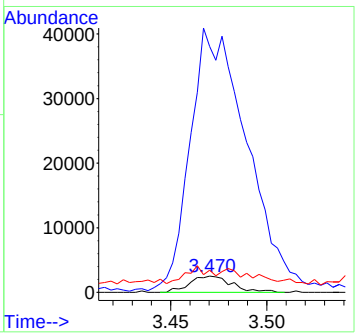


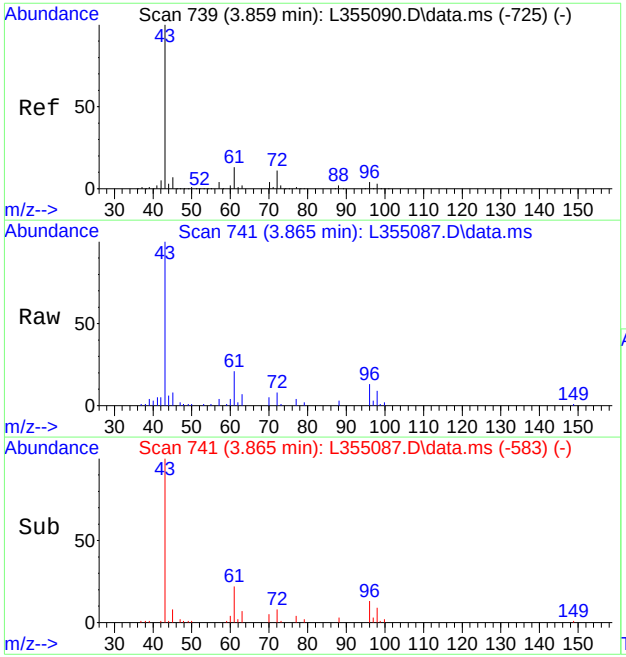


#34
vinyl acetate
Concen: 4.97 ug/L
RT: 3.470 min Scan# 618
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 86 Resp: 3886

Ion	Ratio	Lower	Upper
86	100		
43	1460.6	1461.6	1521.6#
44	61.3	45.2	105.2

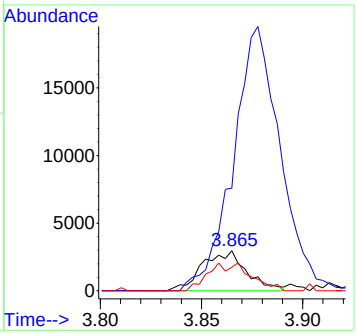


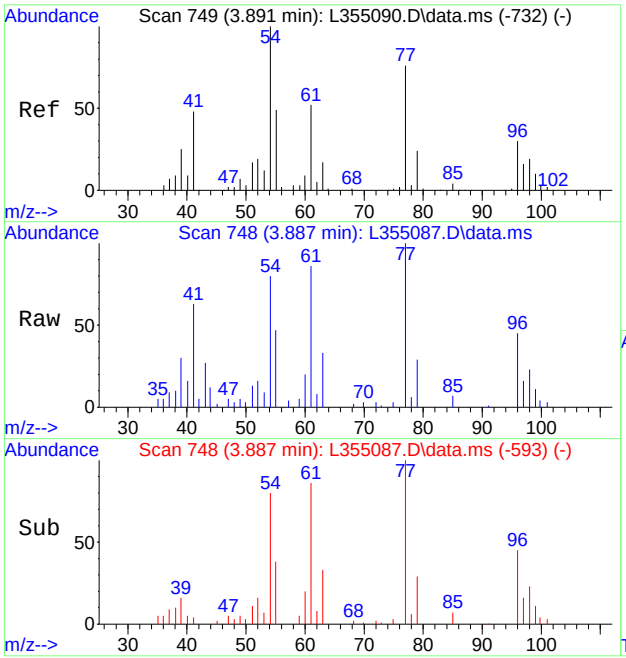


#35
ethyl acetate
Concen: 4.34 ug/L
RT: 3.865 min Scan# 741
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 45 Resp: 4480

Ion	Ratio	Lower	Upper
45	100		
61	254.6	146.7	206.7#
70	58.5	27.4	87.4

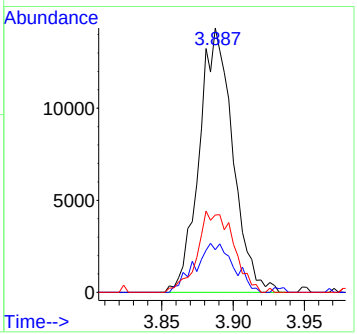


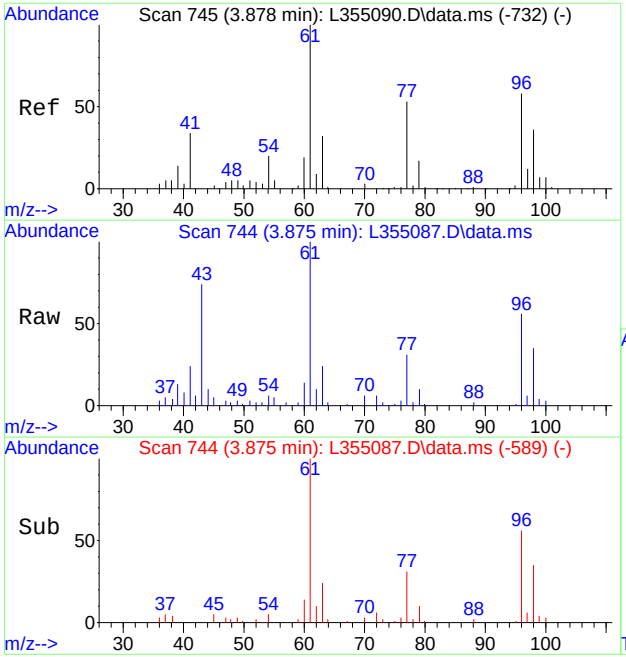


#36
2,2-dichloropropane
Concen: 3.95 ug/L
RT: 3.887 min Scan# 748
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 77 Resp: 23581

Ion	Ratio	Lower	Upper
77	100		
97	16.1	0.0	51.0
79	29.3	1.4	61.4

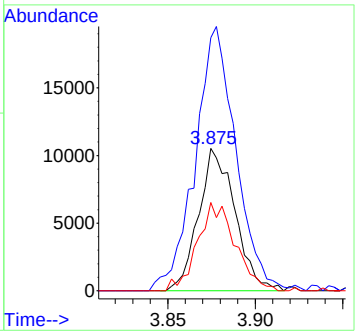


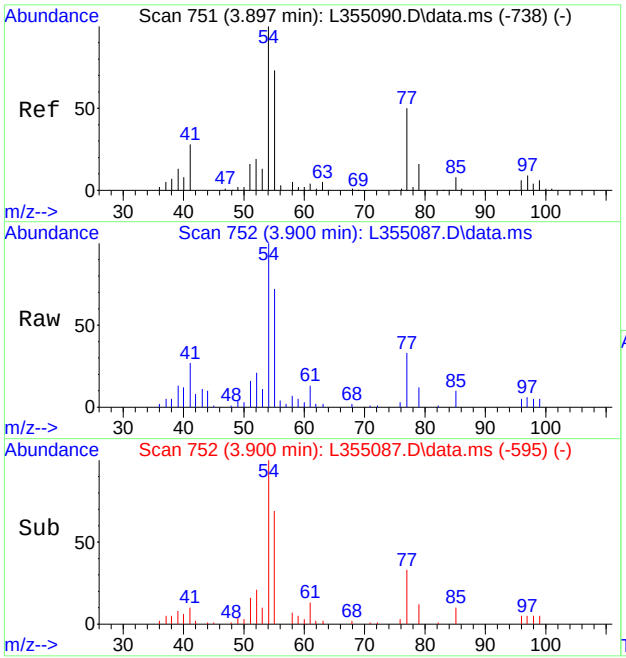


#37
cis-1,2-dichloroethene
Concen: 4.05 ug/L
RT: 3.875 min Scan# 744
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 96 Resp: 15277

Ion	Ratio	Lower	Upper
96	100		
61	175.3	141.8	201.8
98	62.0	32.2	92.2

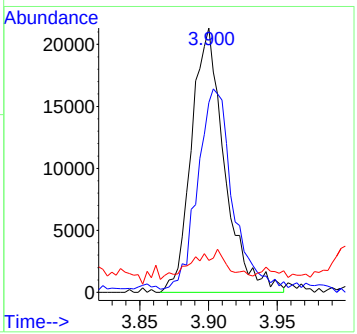




#38
propionitrile
Concen: 41.09 ug/L
RT: 3.900 min Scan# 752
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

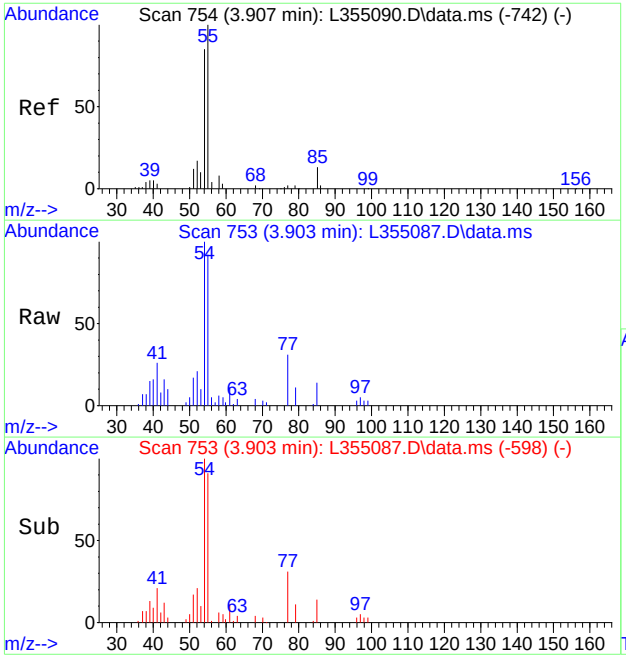
Tgt Ion: 54 Resp: 35851

Ion	Ratio	Lower	Upper
54	100		
55	70.6	43.2	103.2
40	7.2	0.0	38.0



7.7.44

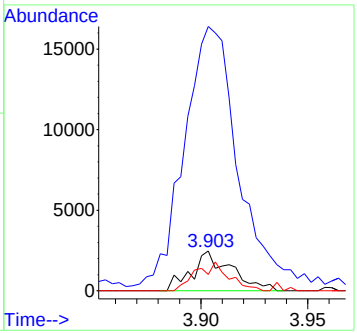
7

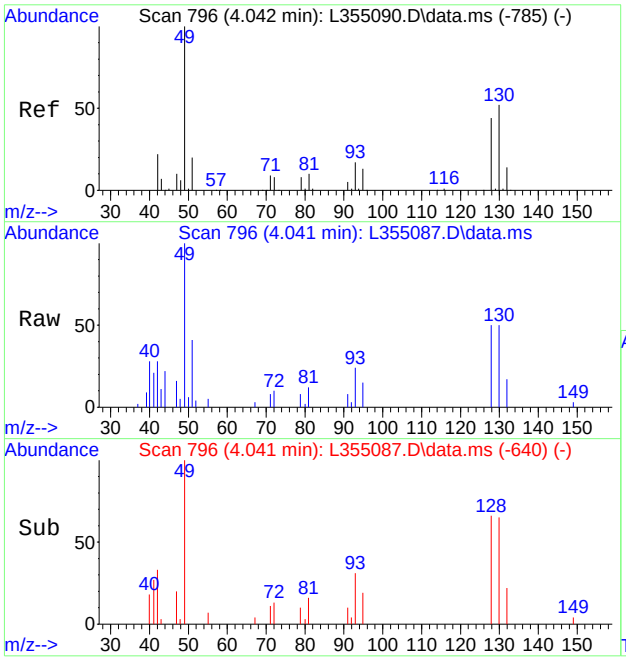


#39
methyl acrylate
Concen: 4.77 ug/L
RT: 3.903 min Scan# 753
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 85 Resp: 3164

Ion	Ratio	Lower	Upper
85	100		
55	610.3	762.7	802.7#
58	41.2	40.5	80.5

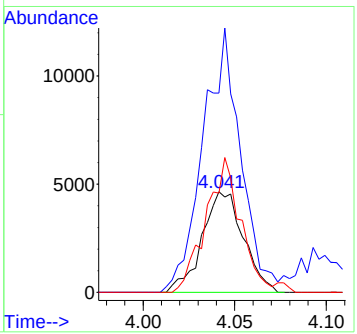


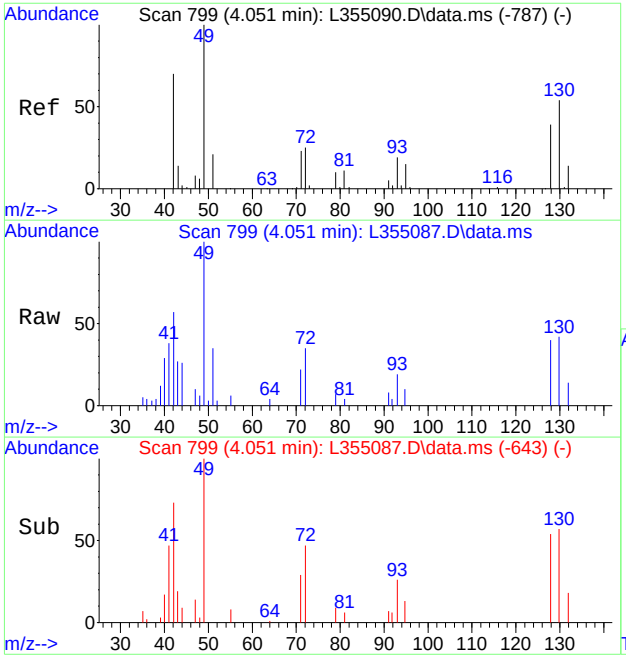


#40
bromochloromethane
Concen: 4.44 ug/L
RT: 4.041 min Scan# 796
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:128 Resp: 7330

Ion	Ratio	Lower	Upper
128	100		
49	198.1	196.9	256.9
130	98.6	87.7	147.7

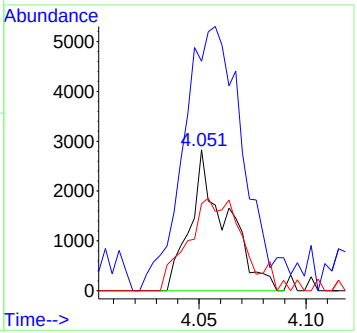


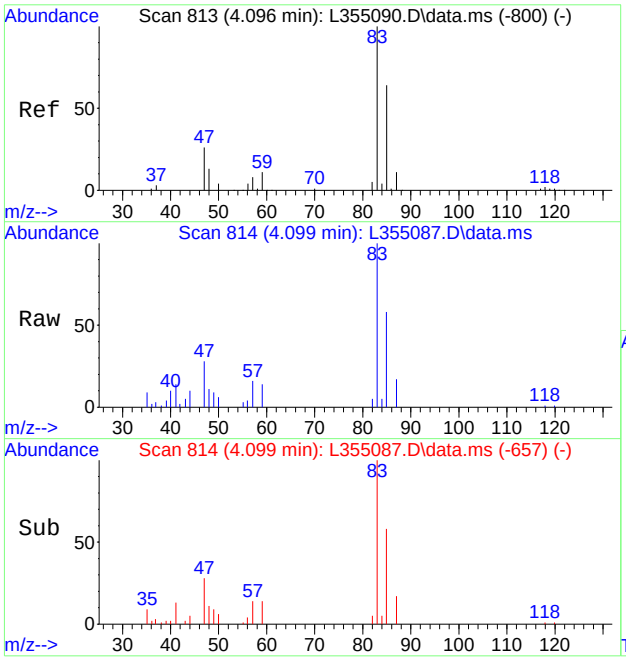


#41
tetrahydrofuran
Concen: 4.81 ug/L
RT: 4.051 min Scan# 799
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 72 Resp: 3340

Ion	Ratio	Lower	Upper
72	100		
42	139.2	246.3	306.3#
71	61.8	61.6	121.6

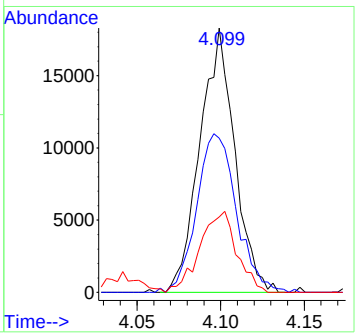


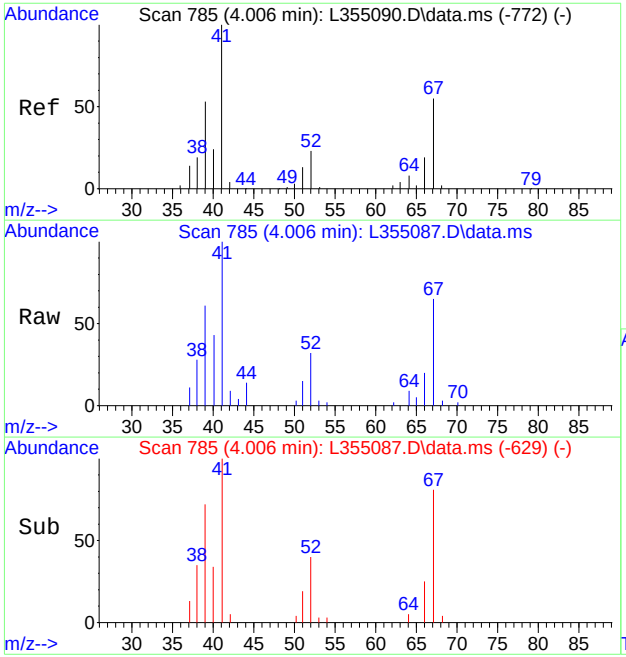


#42
chloroform
Concen: 3.69 ug/L
RT: 4.099 min Scan# 814
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 83 Resp: 26437

Ion	Ratio	Lower	Upper
83	100		
85	57.1	34.3	94.3
47	28.5	0.0	59.3

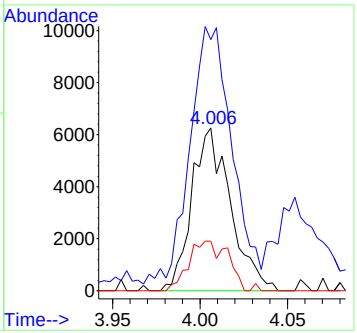


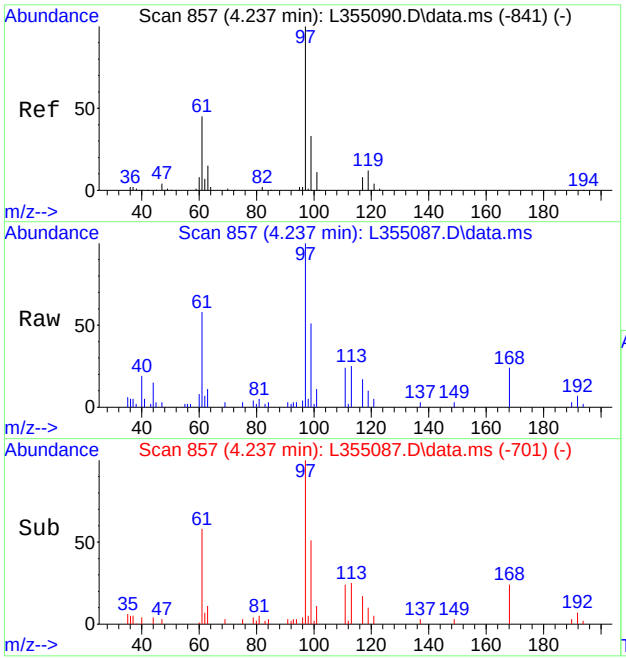


#44
methacrylonitrile
Concen: 4.44 ug/L
RT: 4.006 min Scan# 785
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 67 Resp: 9645

Ion	Ratio	Lower	Upper
67	100		
41	140.6	150.2	210.2#
66	30.5	3.6	63.6

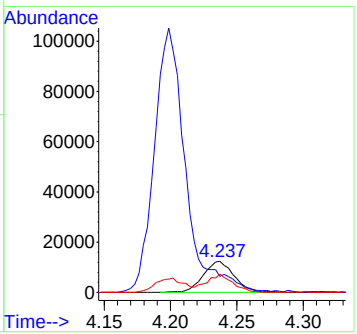


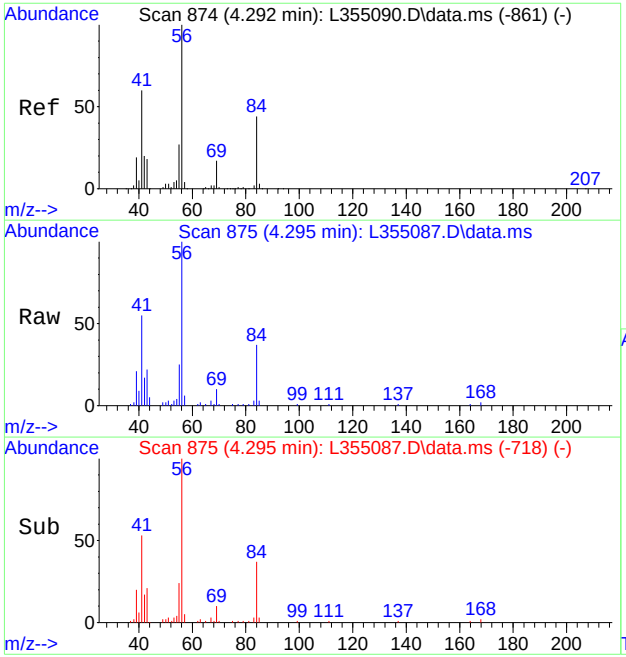


#45
1,1,1-trichloroethane
Concen: 4.02 ug/L
RT: 4.237 min Scan# 857
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 97 Resp: 20071

Ion	Ratio	Lower	Upper
97	100		
99	49.4	33.3	93.3
61	58.4	14.9	74.9

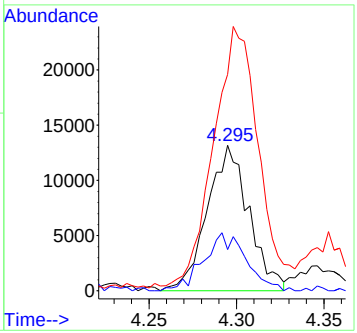


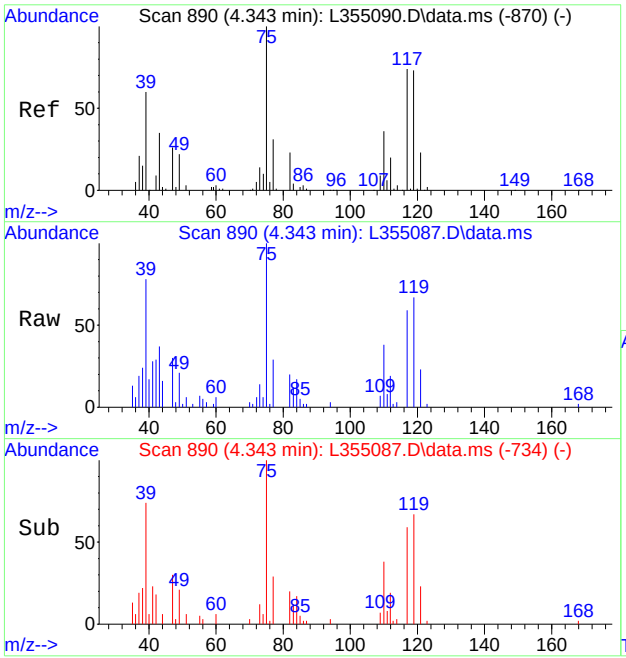


#46
cyclohexane
Concen: 3.88 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 84 Resp: 21851

Ion	Ratio	Lower	Upper
84	100		
69	28.5	17.8	57.8
41	145.4	116.7	156.7

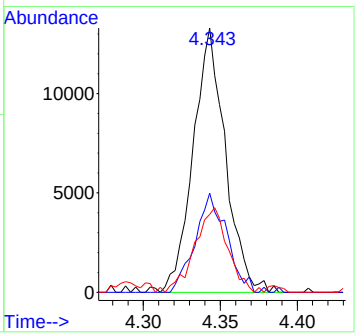


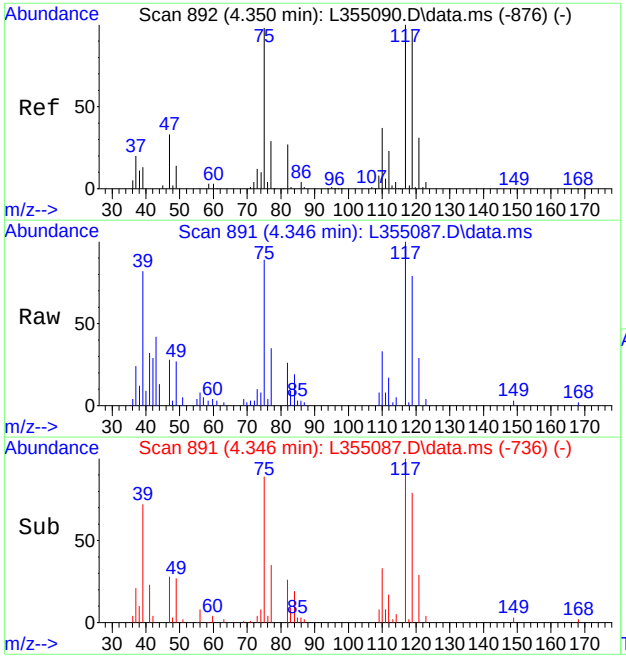


#47
1,1-dichloropropene
Concen: 3.94 ug/L
RT: 4.343 min Scan# 890
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 75 Resp: 19362

Ion	Ratio	Lower	Upper
75	100		
110	37.5	15.8	55.8
77	28.0	11.6	51.6

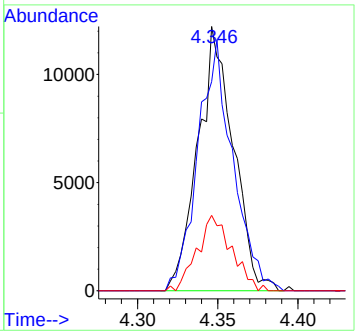


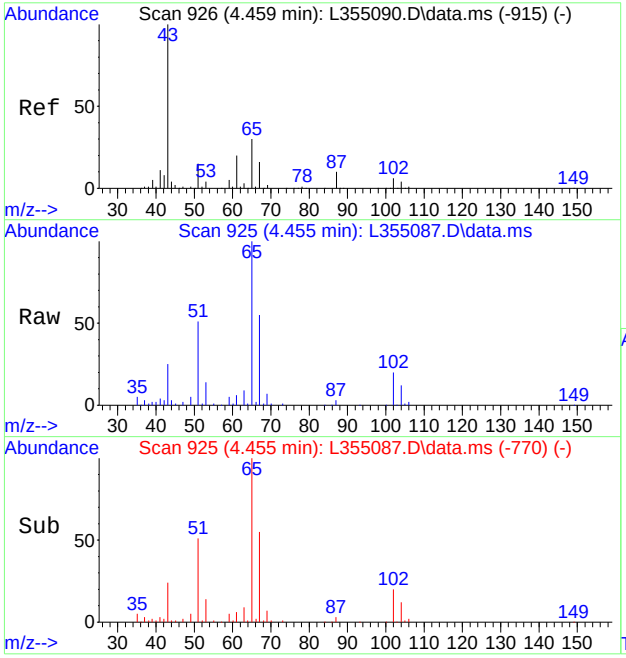


#48
carbon tetrachloride
Concen: 4.16 ug/L
RT: 4.346 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:117 Resp: 18725

Ion	Ratio	Lower	Upper
117	100		
119	79.0	77.1	117.1
121	28.6	11.1	51.1

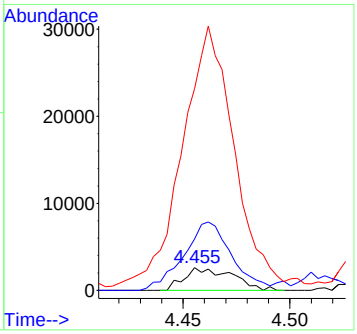


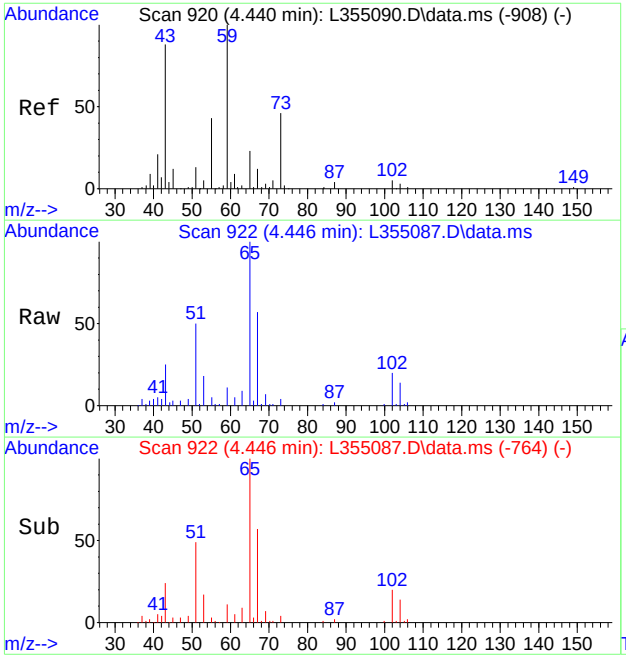


#49
isopropyl acetate
Concen: 3.96 ug/L
RT: 4.455 min Scan# 925
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 87 Resp: 4079

Ion	Ratio	Lower	Upper
87	100		
61	187.7	185.6	225.6
43	844.1	1029.1	1089.1#

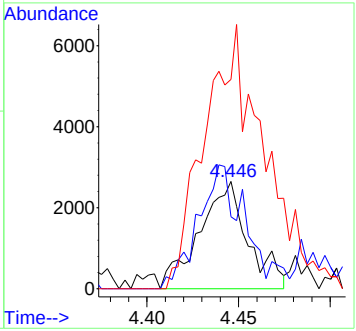


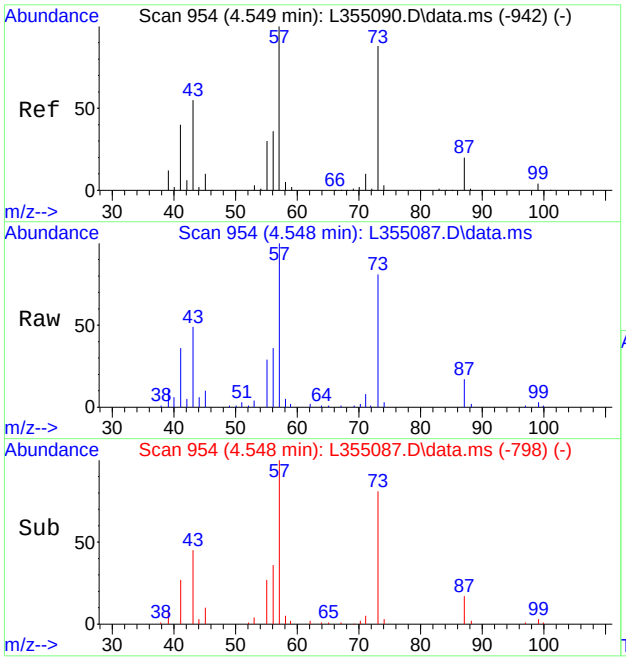


#50
tert amyl alcohol
Concen: 22.91 ug/L
RT: 4.446 min Scan# 922
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 55 Resp: 4882

Ion	Ratio	Lower	Upper
55	100		
73	67.0	87.0	127.0#
59	195.1	211.2	251.2#

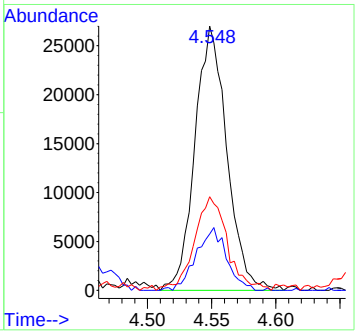


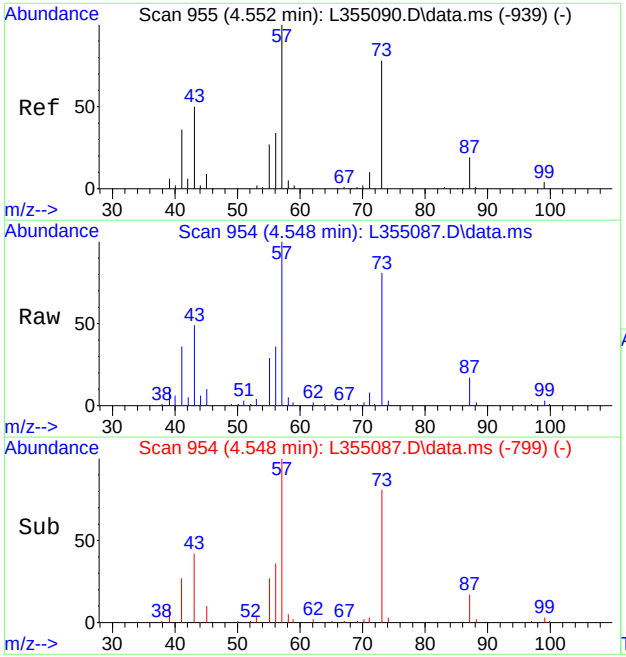


#53
tert-amyl methyl ether
Concen: 3.99 ug/L
RT: 4.548 min Scan# 954
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 73 Resp: 46908

Ion	Ratio	Lower	Upper
73	100		
87	21.4	2.5	42.5
55	34.2	14.1	54.1

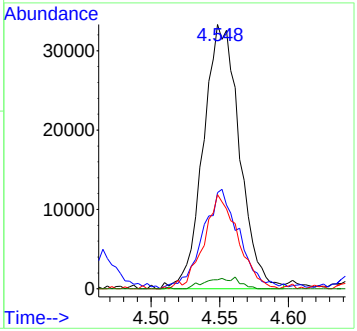


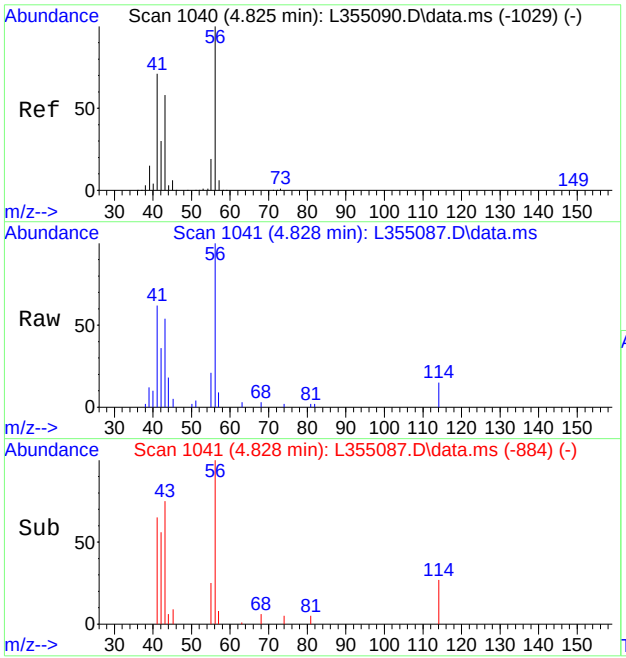


#54
2,2,4-trimethylpentane
Concen: 3.98 ug/L
RT: 4.548 min Scan# 954
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 57 Resp: 60979

Ion	Ratio	Lower	Upper
57	100		
41	36.4	15.5	55.5
56	35.7	14.0	54.0
99	4.2	0.0	24.5

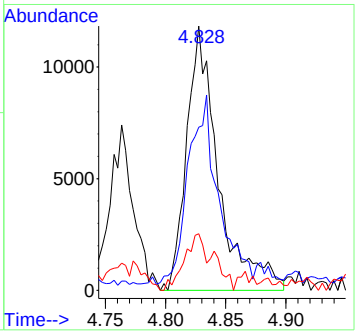


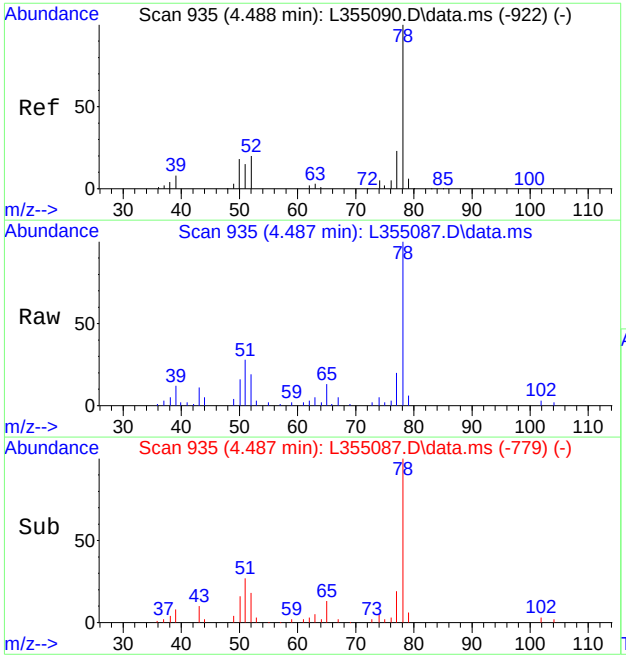


#55
n-butyl alcohol
Concen: 210.36 ug/L
RT: 4.828 min Scan# 1041
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 56 Resp: 21747

Ion	Ratio	Lower	Upper
56	100		
41	58.7	40.6	100.6
55	21.4	0.0	48.8

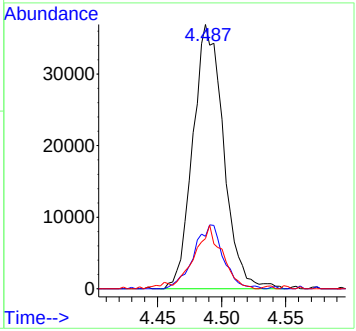


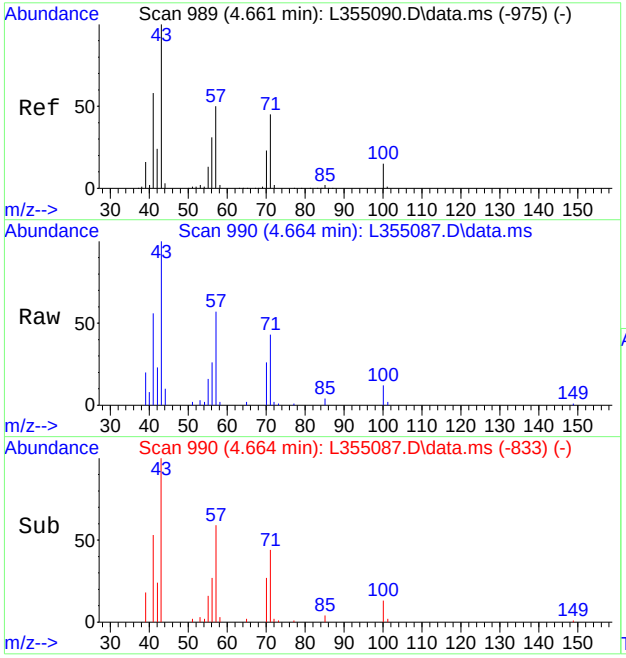


#56
benzene
Concen: 4.28 ug/L
RT: 4.487 min Scan# 935
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 78 Resp: 61610

Ion	Ratio	Lower	Upper
78	100		
77	19.9	0.0	53.0
52	17.9	0.0	50.0

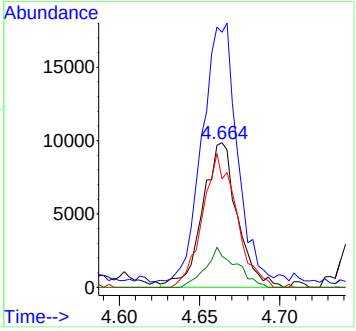


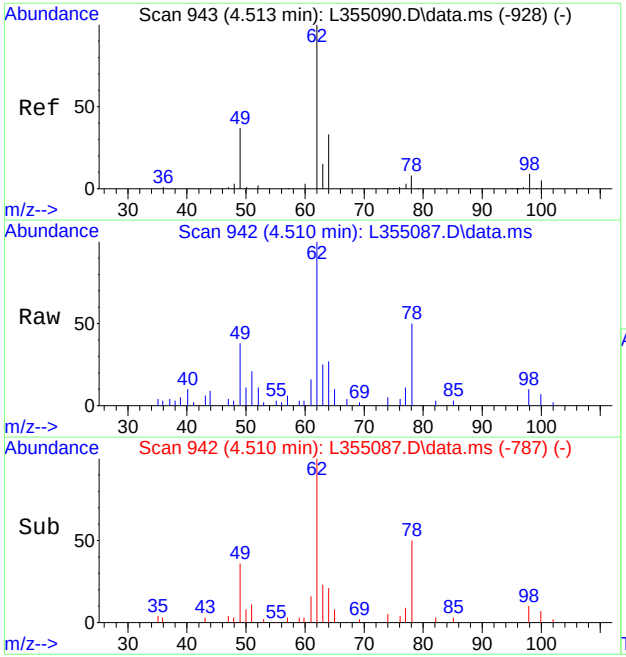


#57
heptane
Concen: 4.37 ug/L
RT: 4.664 min Scan# 990
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 57 Resp: 14844

Ion	Ratio	Lower	Upper
57	100		
43	171.4	170.1	230.1
71	75.0	59.7	119.7
100	21.6	0.0	59.5

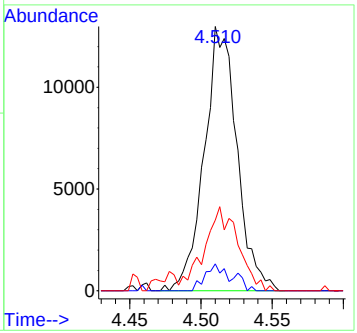


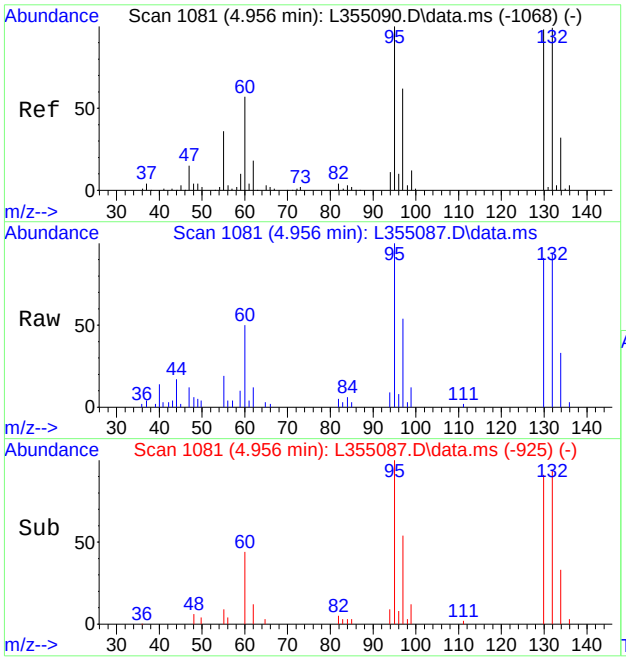


#58
1,2-dichloroethane
Concen: 3.76 ug/L
RT: 4.510 min Scan# 942
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 62 Resp: 20713

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	39.1
64	26.7	2.9	62.9

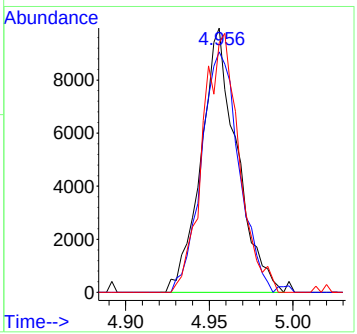


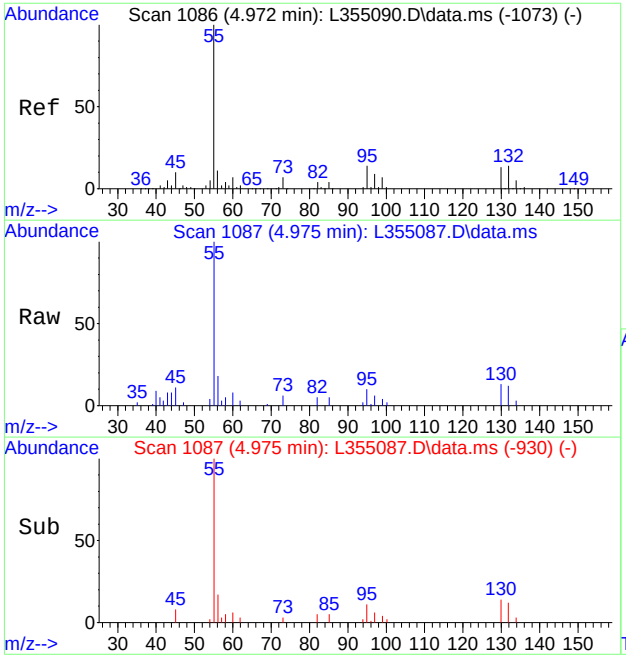


#59
trichloroethene
Concen: 4.00 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 95 Resp: 14891

Ion	Ratio	Lower	Upper
95	100		
130	90.9	68.4	128.4
132	94.4	68.7	128.7

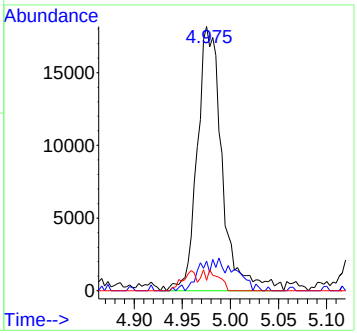


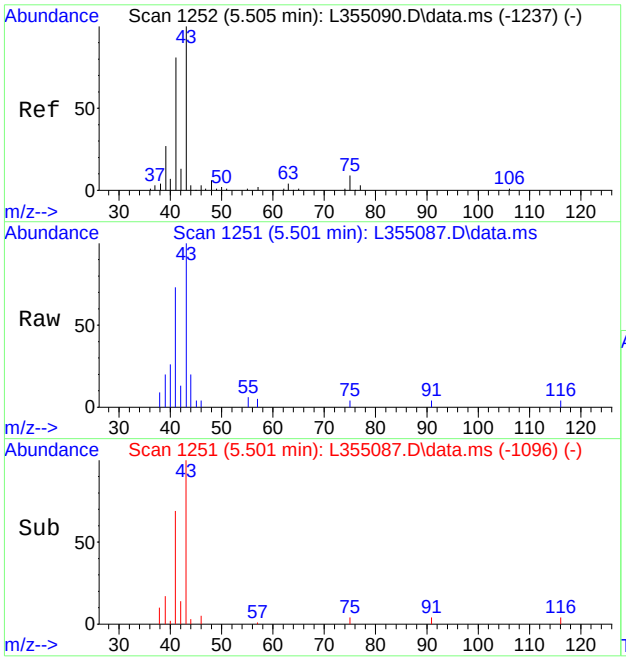


#60
ethyl acrylate
Concen: 4.20 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 55 Resp: 32681

Ion	Ratio	Lower	Upper
55	100		
45	11.2	0.0	30.3
99	3.9	0.0	27.2

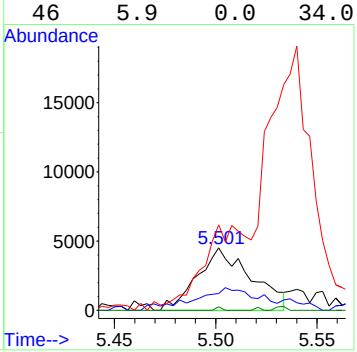


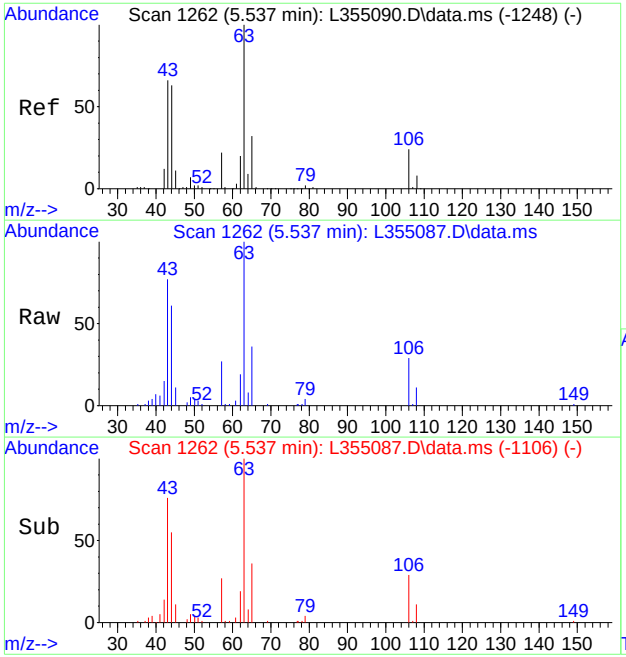


#61
2-nitropropane
Concen: 5.32 ug/L
RT: 5.501 min Scan# 1251
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 41 Resp: 8390

Ion	Ratio	Lower	Upper
41	100		
39	20.3	3.7	63.7
43	128.2	92.8	152.8
46	5.9	0.0	34.0

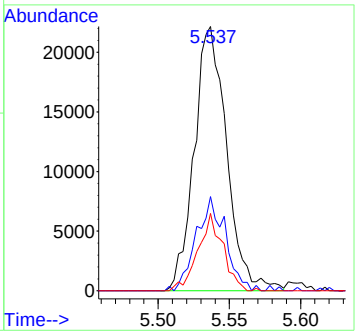


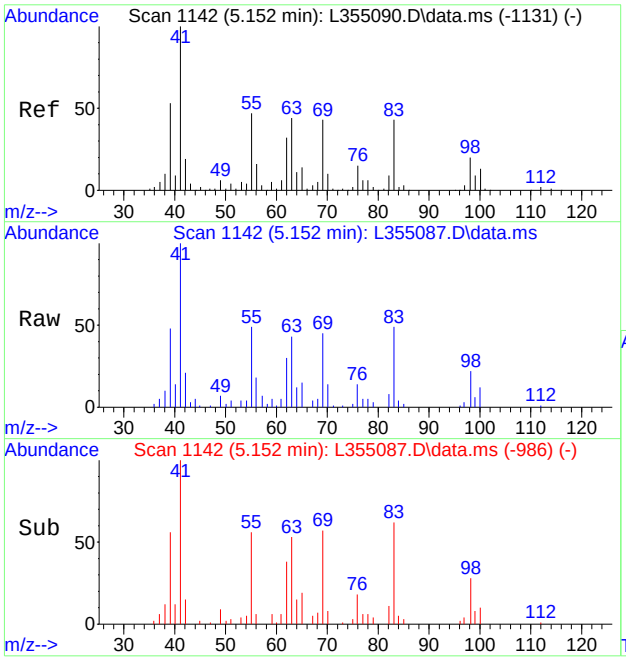


#62
2-chloroethyl vinyl ether
Concen: 20.60 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 63 Resp: 35149

Ion	Ratio	Lower	Upper
63	100		
65	35.6	2.0	62.0
106	29.3	0.0	53.7

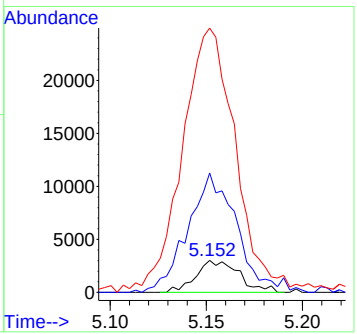


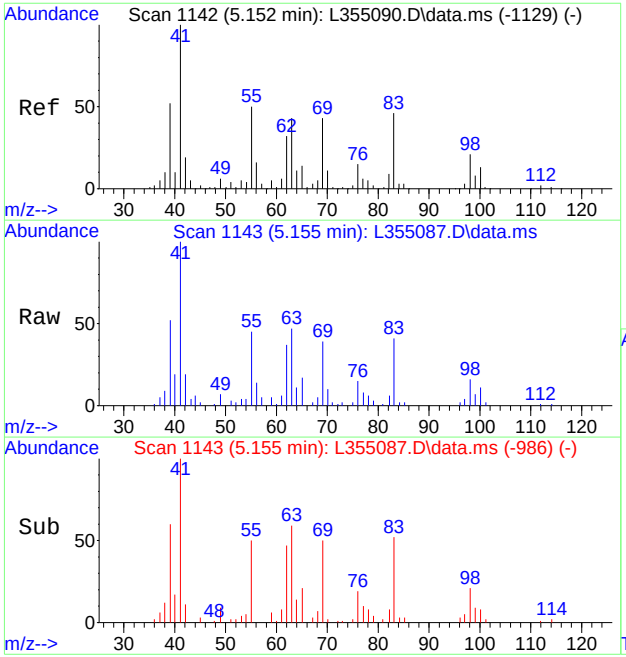


#63
methyl methacrylate
Concen: 4.13 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:100 Resp: 4708

Ion	Ratio	Lower	Upper
100	100		
69	328.9	303.9	363.9
41	771.1	748.3	808.3

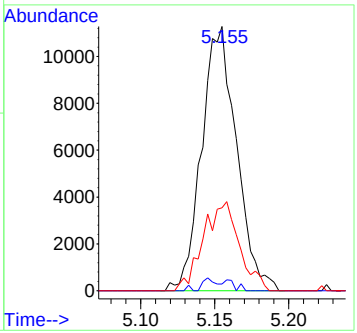


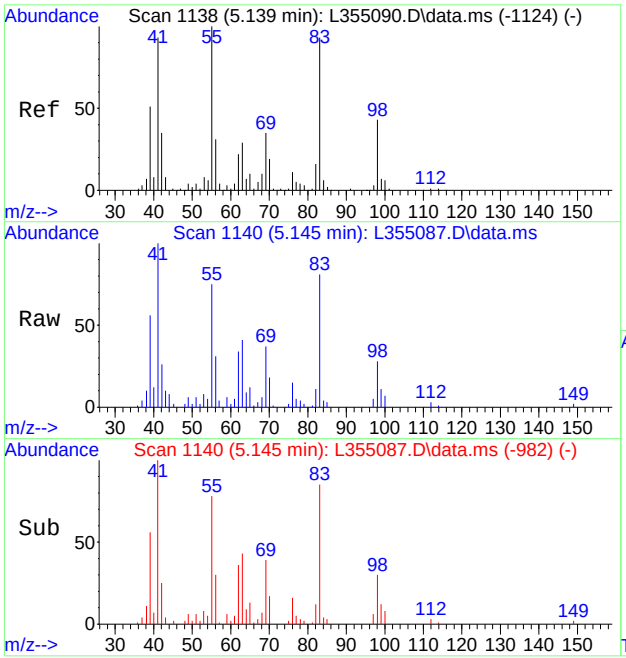


#64
1,2-dichloropropane
Concen: 3.95 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 63 Resp: 18421

Ion	Ratio	Lower	Upper
63	100		
112	2.5	0.0	33.9
76	31.4	3.9	63.9

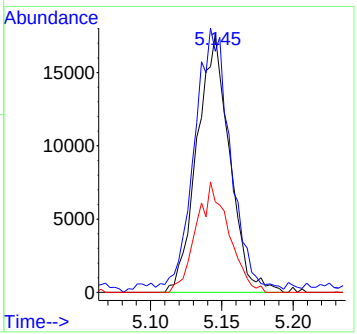


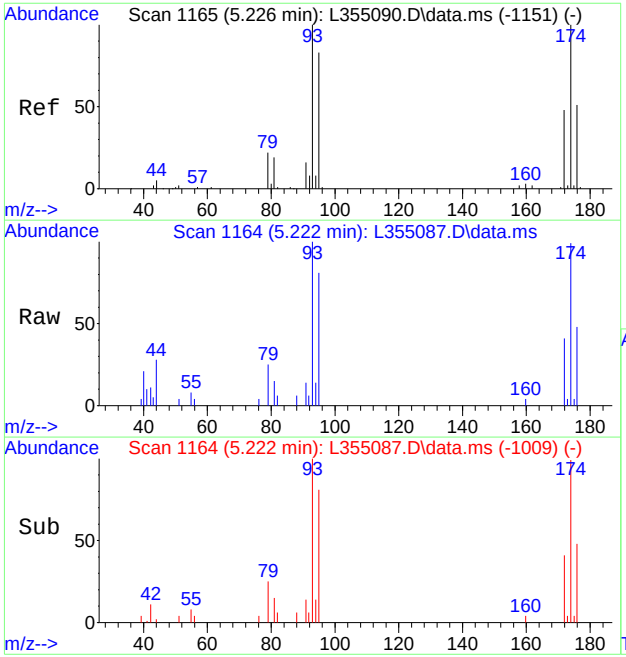


#65
methylcyclohexane
Concen: 4.04 ug/L
RT: 5.145 min Scan# 1140
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 83 Resp: 28051

Ion	Ratio	Lower	Upper
83	100		
55	92.2	77.0	137.0
98	35.1	16.0	76.0

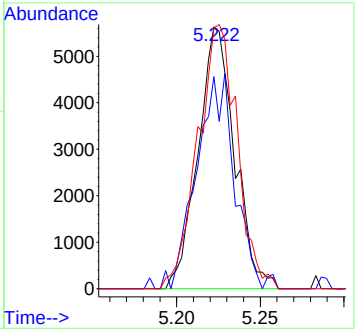


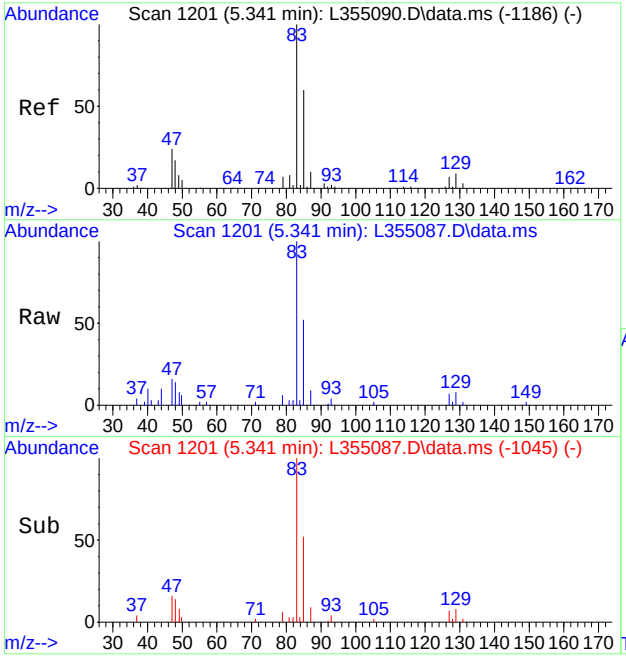


#66
dibromomethane
Concen: 3.75 ug/L
RT: 5.222 min Scan# 1164
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 93 Resp: 8606

Ion	Ratio	Lower	Upper
93	100		
95	81.0	52.7	112.7
174	99.5	70.1	130.1

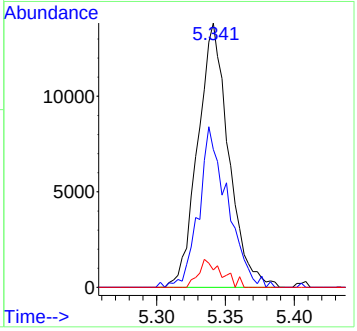


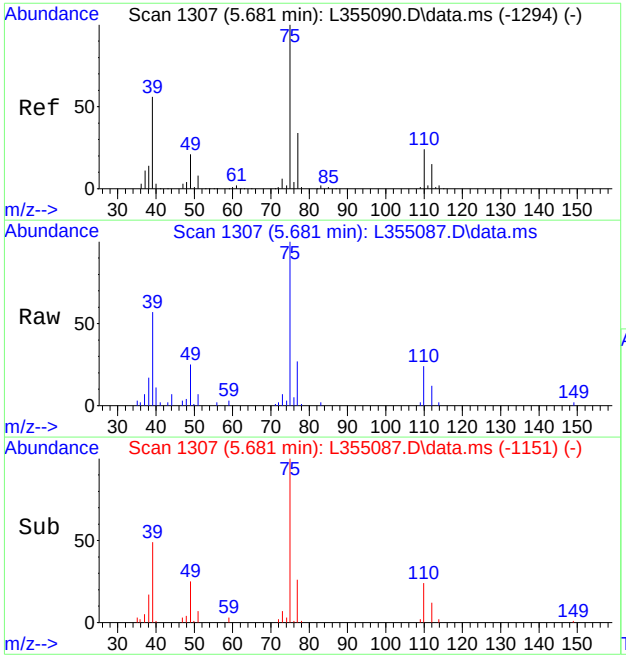


#67
bromodichloromethane
Concen: 4.01 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 83 Resp: 21644

Ion	Ratio	Lower	Upper
83	100		
85	52.1	30.1	90.1
127	6.6	0.0	37.3

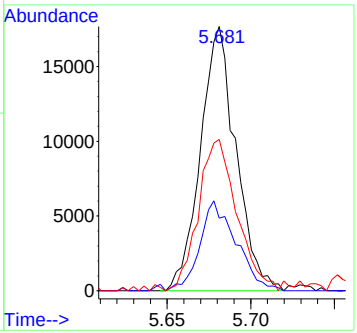


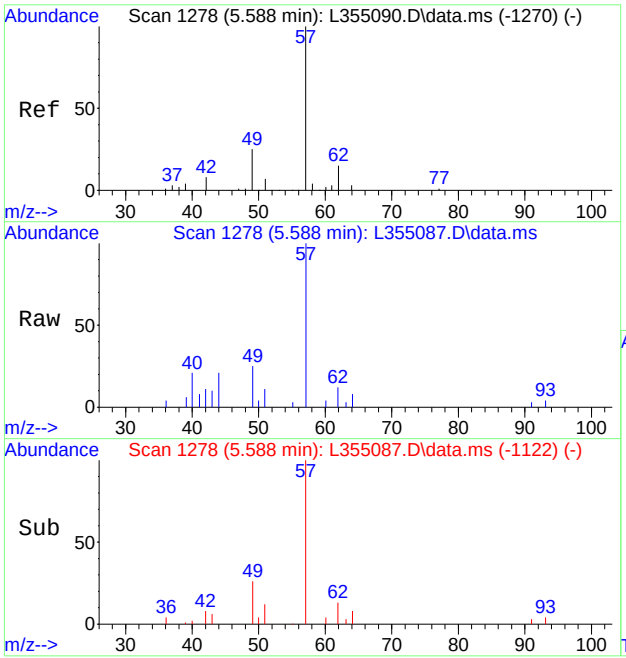


#68
cis-1,3-dichloropropene
Concen: 3.86 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 75 Resp: 26139

Ion	Ratio	Lower	Upper
75	100		
77	27.4	4.0	64.0
39	55.9	25.8	85.8

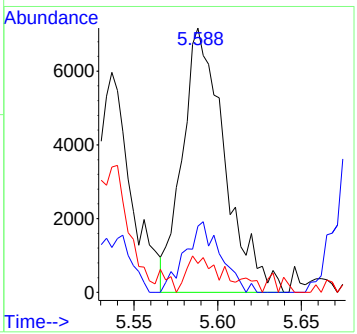


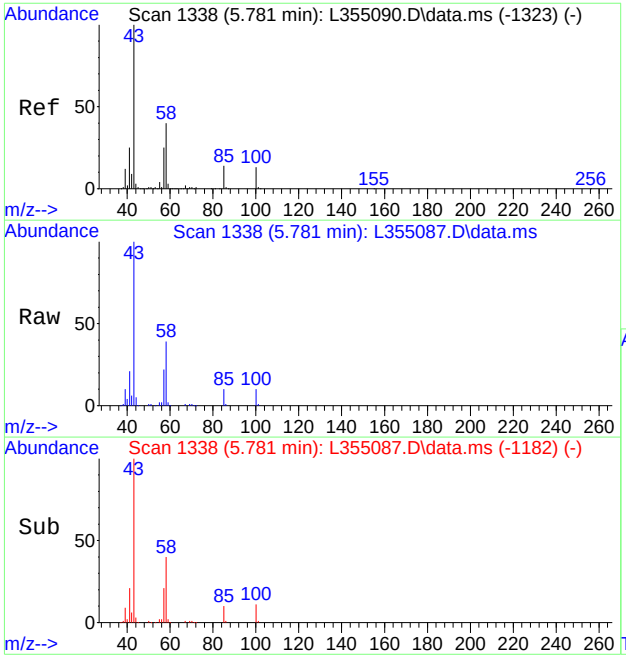


#69
epichlorohydrin
Concen: 20.92 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 57 Resp: 12601

Ion	Ratio	Lower	Upper
57	100		
49	25.1	3.3	43.3
42	5.2	0.0	30.7

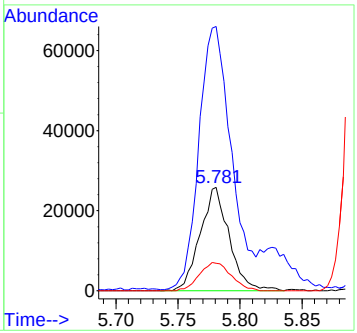


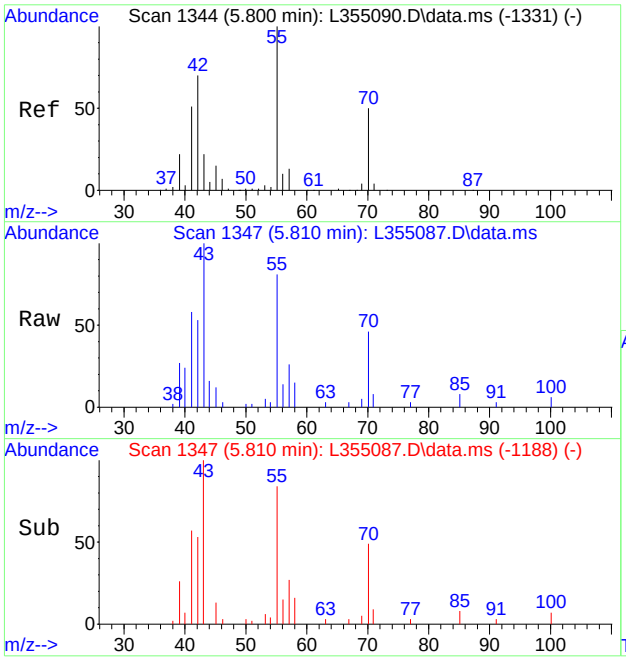


#70
4-methyl-2-pentanone
Concen: 16.30 ug/L
RT: 5.781 min Scan# 1338
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 58 Resp: 42091

Ion	Ratio	Lower	Upper
58	100		
43	254.8	227.9	267.9
100	26.7	11.2	51.2

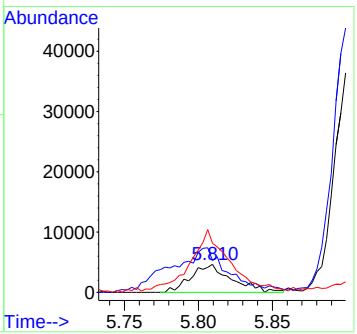


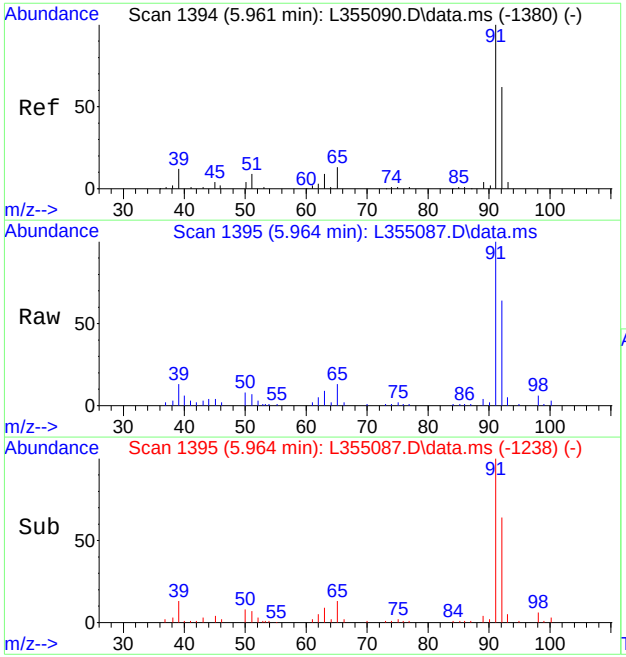


#71
3-methyl-1-butanol
Concen: 79.93 ug/L
RT: 5.810 min Scan# 1347
Delta R.T. 0.009 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 70 Resp: 8865

Ion	Ratio	Lower	Upper
70	100		
42	104.8	131.6	171.6#
55	163.7	180.2	220.2#

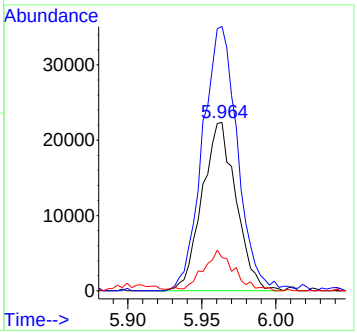


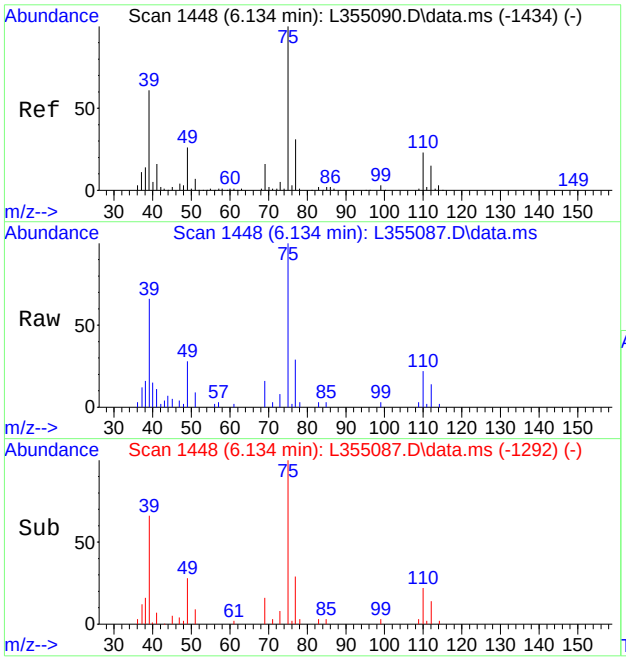


#74
toluene
Concen: 4.27 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 92 Resp: 35584

Ion	Ratio	Lower	Upper
92	100		
91	157.0	130.7	190.7
65	19.7	0.0	51.2

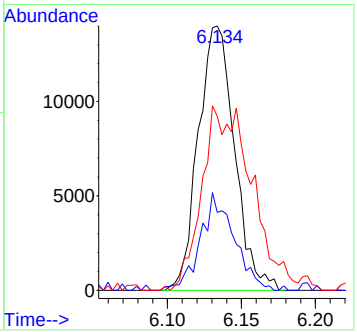


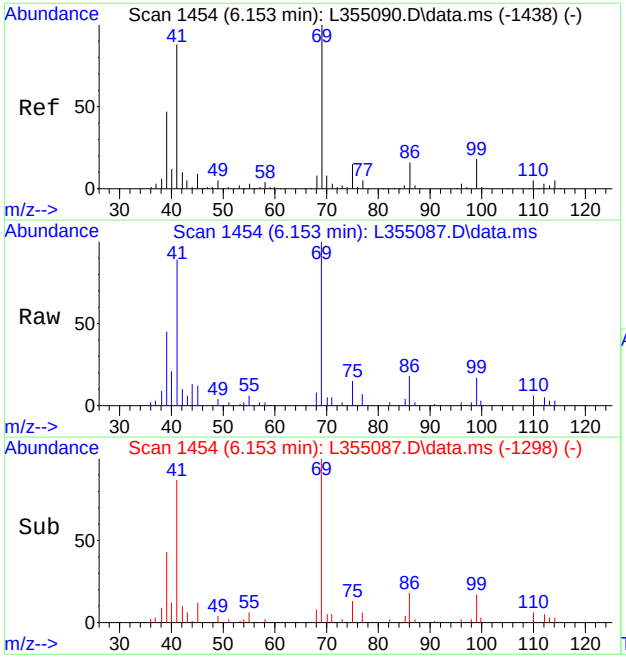


#75
trans-1,3-dichloropropene
Concen: 3.85 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 75 Resp: 23873

Ion	Ratio	Lower	Upper
75	100		
77	29.5	1.0	61.0
39	65.8	30.8	90.8

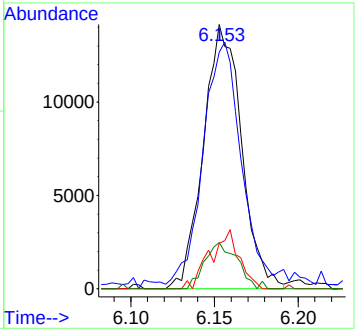


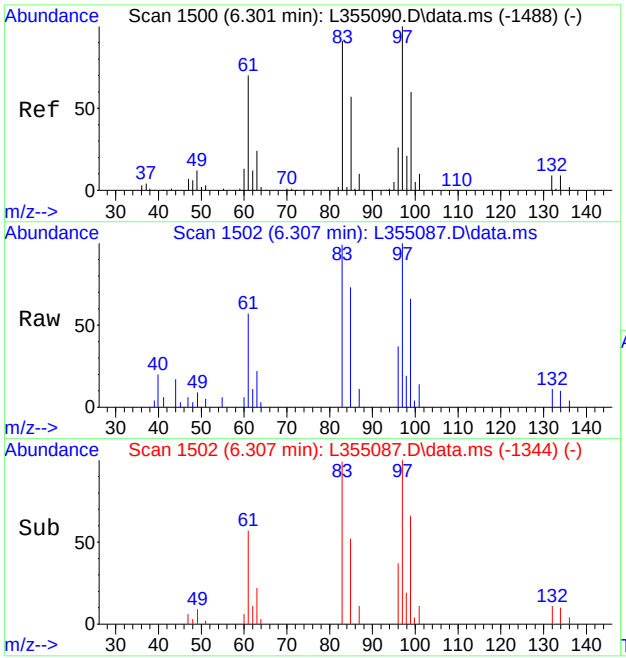


#76
ethyl methacrylate
Concen: 3.95 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 69 Resp: 22395

Ion	Ratio	Lower	Upper
69	100		
41	86.9	57.6	117.6
99	20.0	0.0	48.5
86	17.5	0.0	46.2

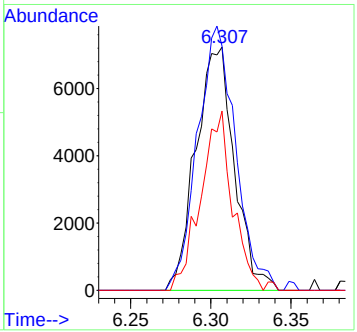


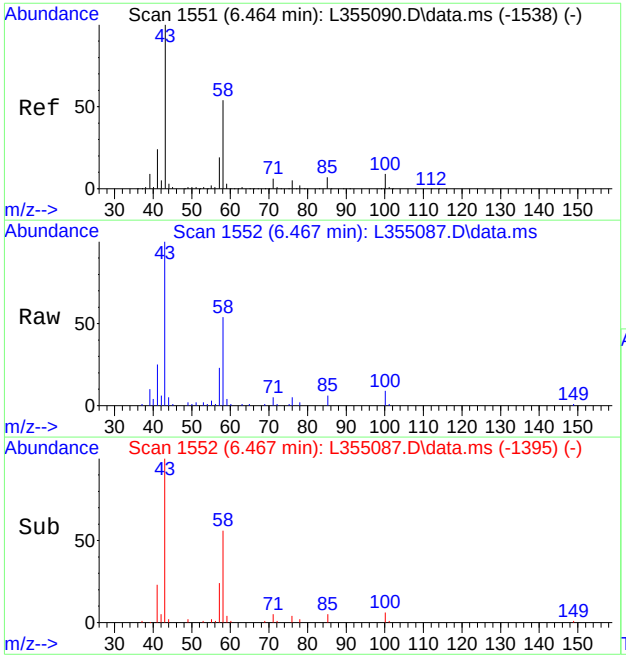


#77
1,1,2-trichloroethane
Concen: 3.94 ug/L
RT: 6.307 min Scan# 1502
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 83 Resp: 12127

Ion	Ratio	Lower	Upper
83	100		
97	100.6	80.2	140.2
85	73.7	33.0	93.0

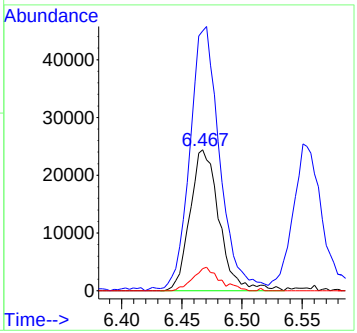


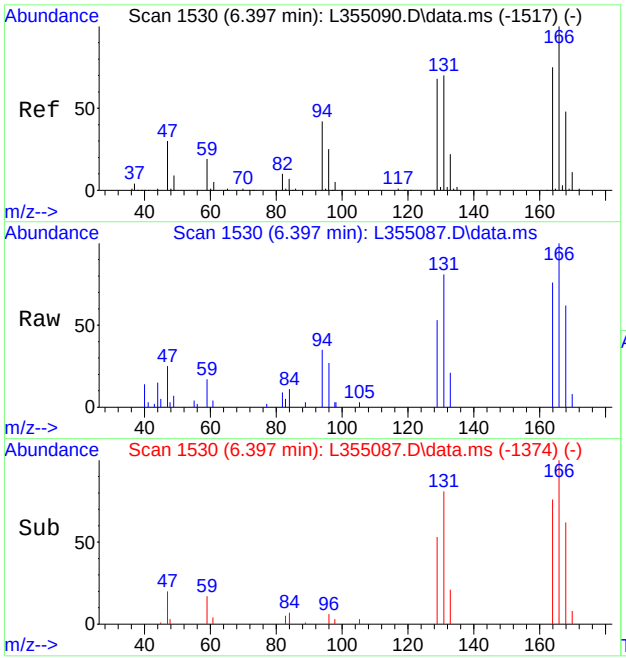


#78
2-hexanone
Concen: 16.44 ug/L
RT: 6.467 min Scan# 1552
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 58 Resp: 41270

Ion	Ratio	Lower	Upper
58	100		
43	182.5	154.5	214.5
100	15.8	0.0	46.6

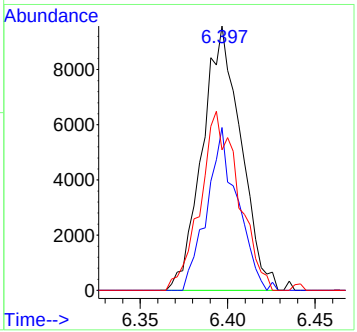




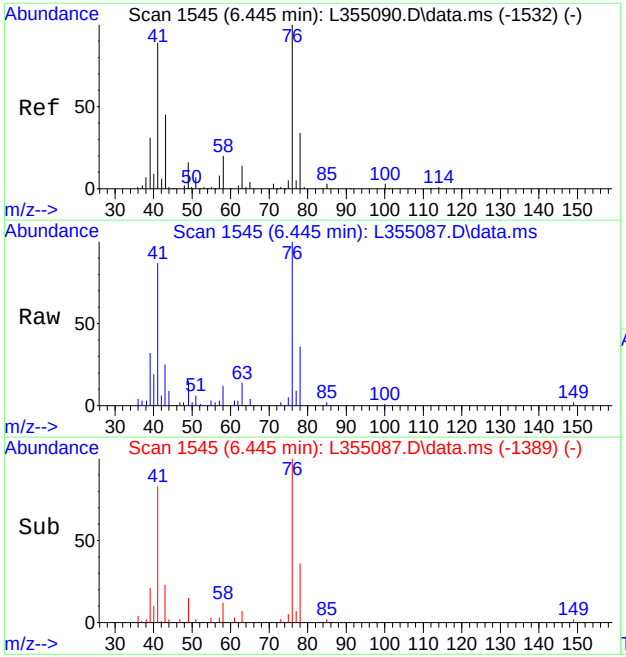
#79
tetrachloroethene
Concen: 4.23 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:166 Resp: 14697

Ion	Ratio	Lower	Upper
166	100		
168	61.6	18.3	78.3
129	53.1	38.5	98.5



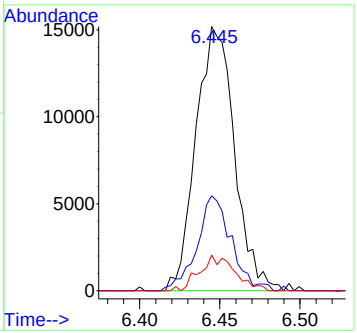
7.7.44

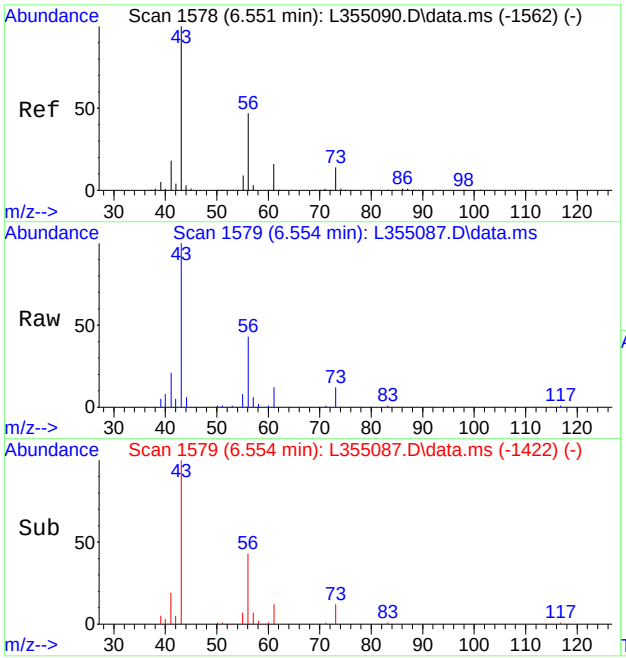


#80
1,3-dichloropropane
Concen: 4.28 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 76 Resp: 25418

Ion	Ratio	Lower	Upper
76	100		
78	36.0	3.8	63.8
63	13.5	0.0	43.8

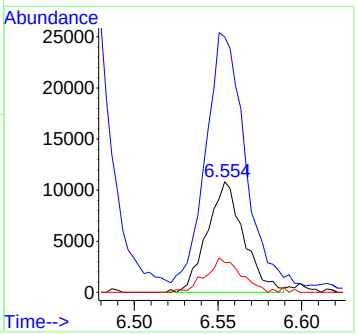


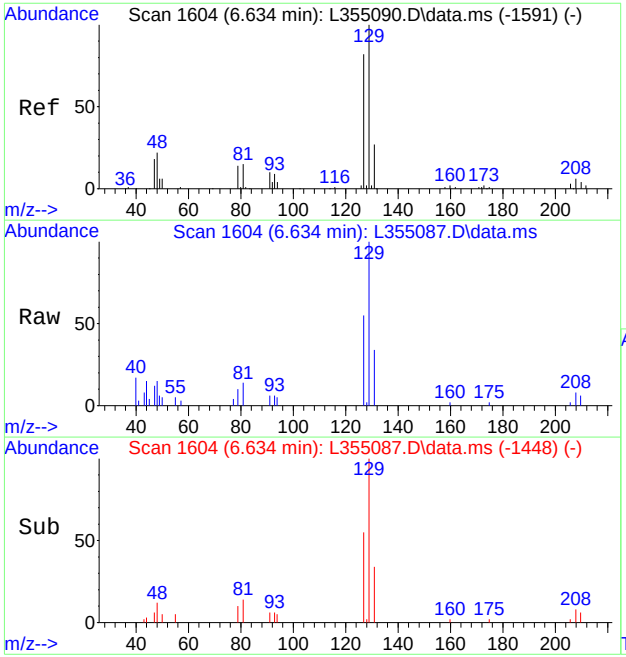


#81
butyl acetate
Concen: 4.12 ug/L
RT: 6.554 min Scan# 1579
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 56 Resp: 16433

Ion	Ratio	Lower	Upper
56	100		
43	217.4	194.2	254.2
73	27.0	0.0	58.5

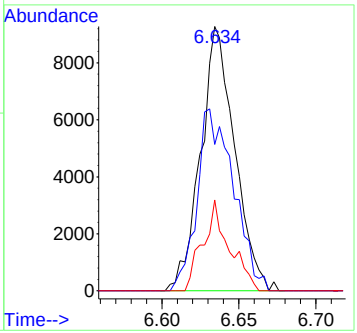


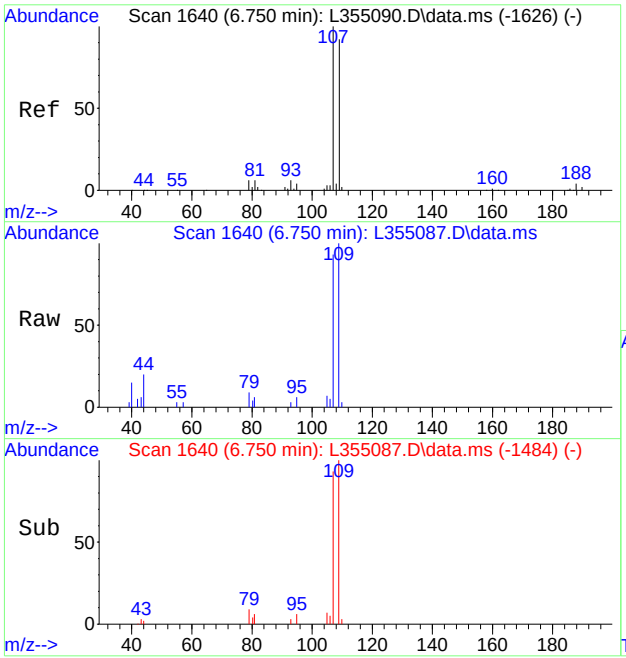


#82
dibromochloromethane
Concen: 3.89 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:129 Resp: 14310

Ion	Ratio	Lower	Upper
129	100		
127	55.3	51.9	111.9
131	34.4	0.0	56.8

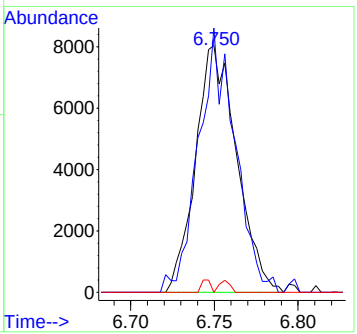


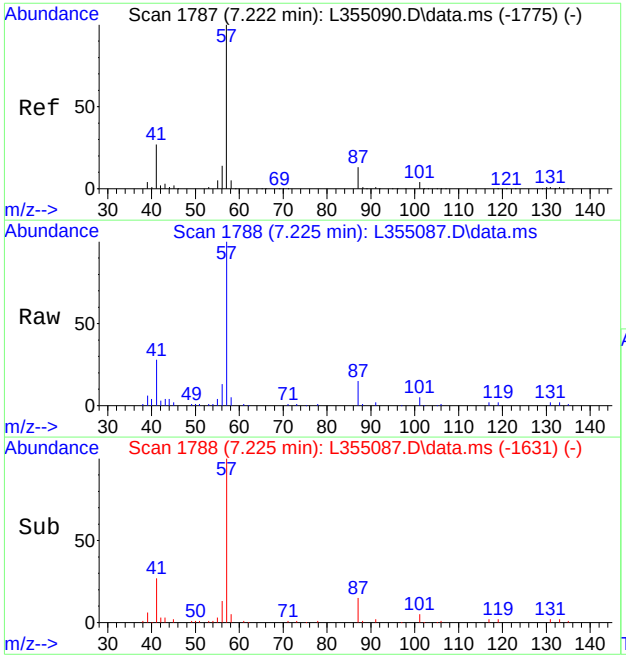


#83
1,2-dibromoethane
Concen: 3.87 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:107 Resp: 13798

Ion	Ratio	Lower	Upper
107	100		
109	107.0	62.2	122.2
188	0.0	0.0	33.6

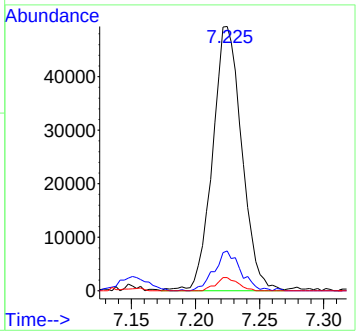


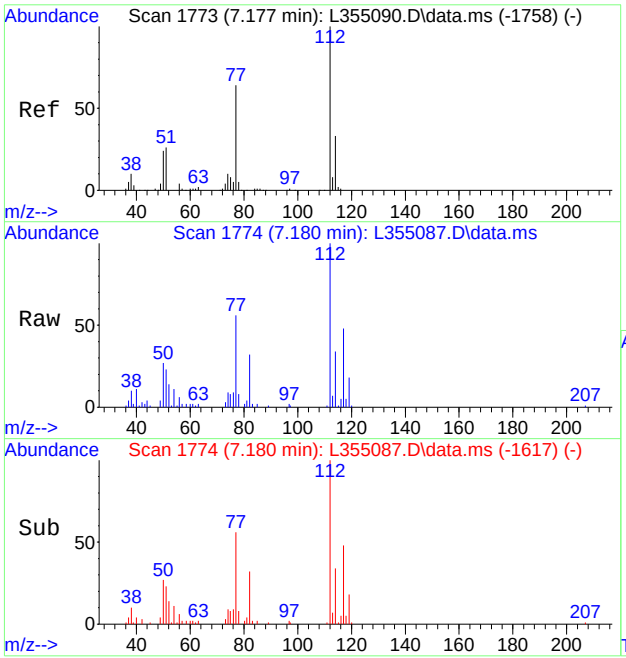


#84
n-butyl ether
Concen: 4.43 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 57 Resp: 78250

Ion	Ratio	Lower	Upper
57	100		
87	15.1	0.0	43.5
101	5.0	0.0	33.5

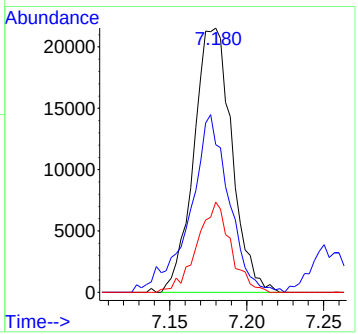


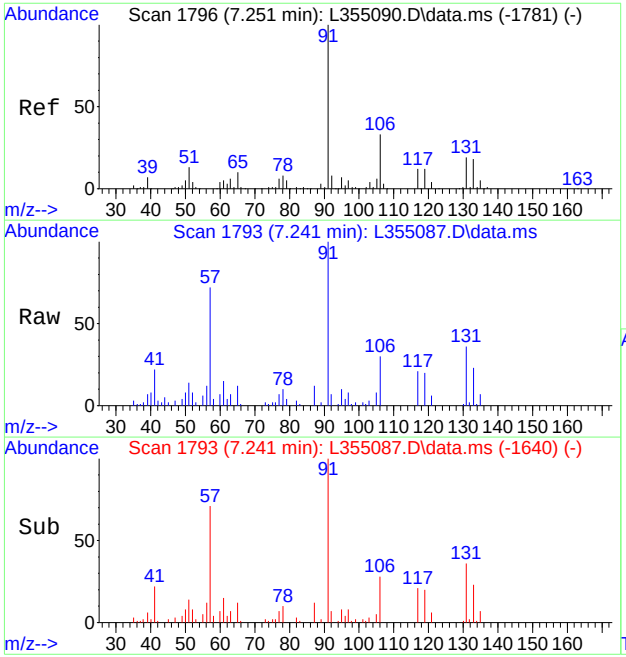


#85
chlorobenzene
Concen: 4.25 ug/L
RT: 7.180 min Scan# 1774
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:112 Resp: 37090

Ion	Ratio	Lower	Upper
112	100		
77	55.9	34.0	94.0
114	34.2	2.8	62.8

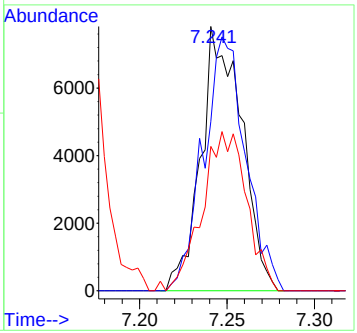


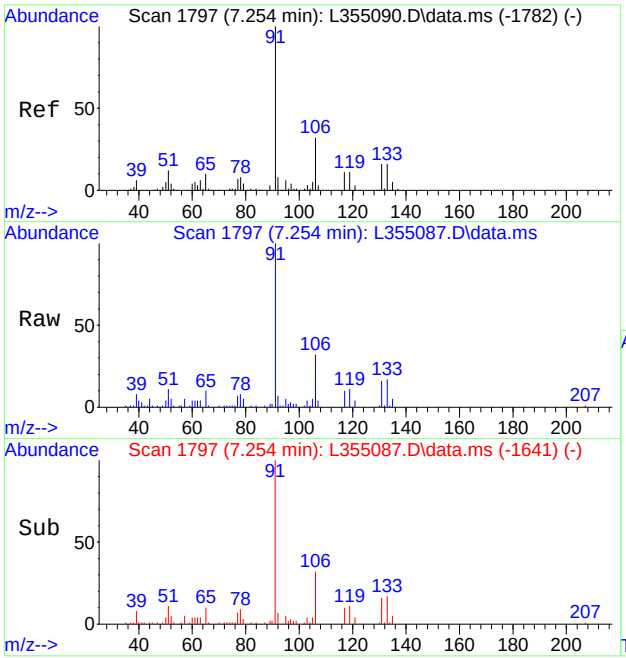


#86
1,1,1,2-tetrachloroethane
Concen: 4.01 ug/L
RT: 7.241 min Scan# 1793
Delta R.T. -0.010 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:131 Resp: 12704

Ion	Ratio	Lower	Upper
131	100		
133	63.9	65.5	125.5#
119	54.6	34.9	94.9

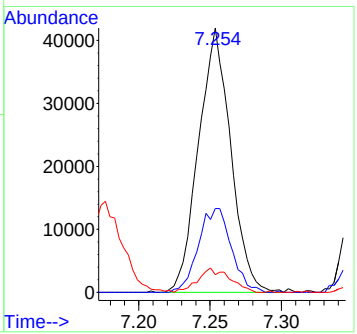




#87
ethylbenzene
Concen: 4.28 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

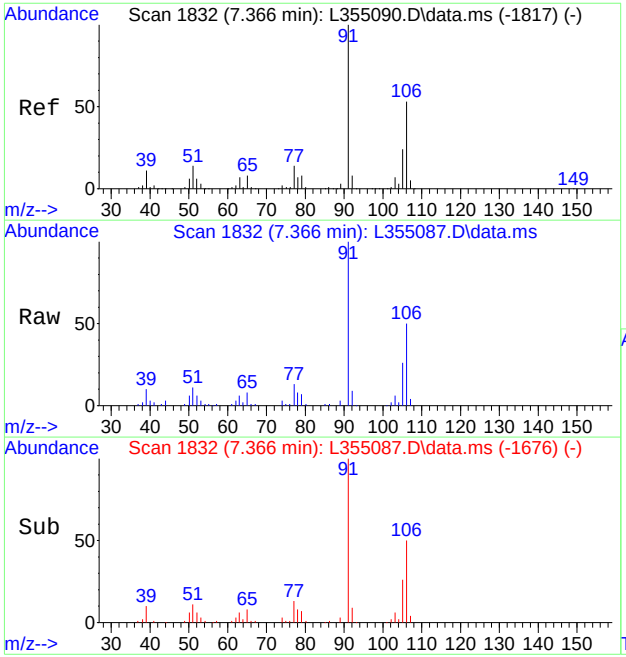
Tgt Ion: 91 Resp: 65897

Ion	Ratio	Lower	Upper
91	100		
106	31.8	1.8	61.8
77	6.7	0.0	38.8



7.7.44

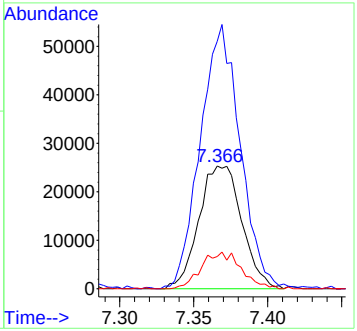
7

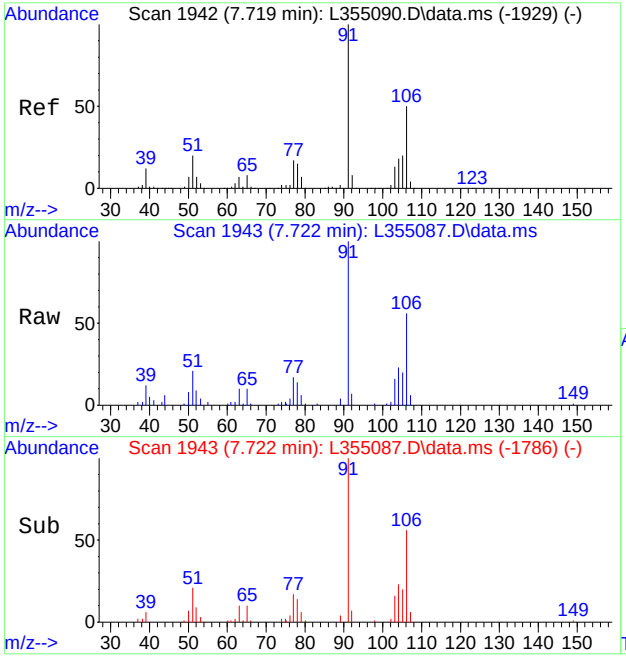


#88
m,p-xylene
Concen: 8.28 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:106 Resp: 51070

Ion	Ratio	Lower	Upper
106	100		
91	201.5	158.2	218.2
77	26.4	6.9	46.9

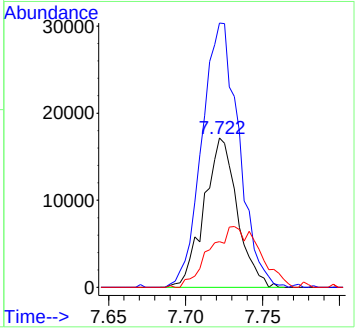


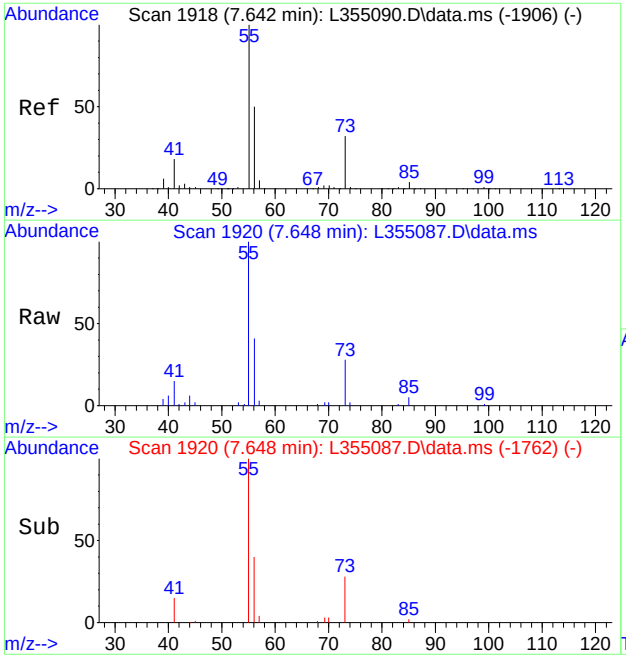


#89
o-xylene
Concen: 4.01 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:106 Resp: 25683

Ion	Ratio	Lower	Upper
106	100		
91	177.0	170.0	230.0
77	30.6	14.0	54.0

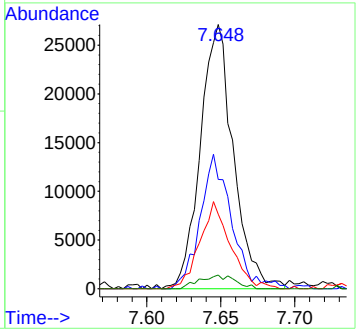


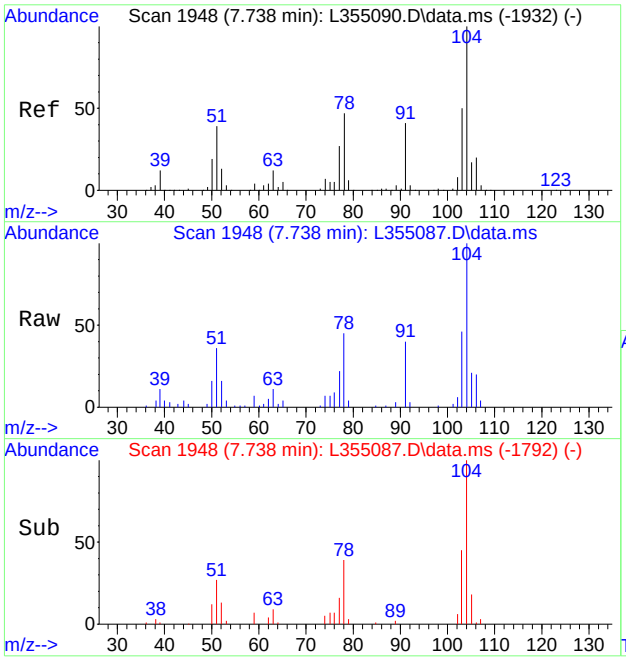


#90
butyl acrylate
Concen: 3.98 ug/L
RT: 7.648 min Scan# 1920
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 55 Resp: 42122

Ion	Ratio	Lower	Upper
55	100		
56	41.4	30.4	70.4
73	28.2	11.9	51.9
85	5.2	0.0	24.0

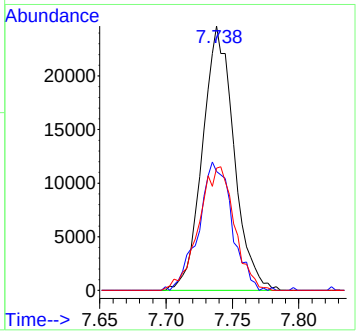


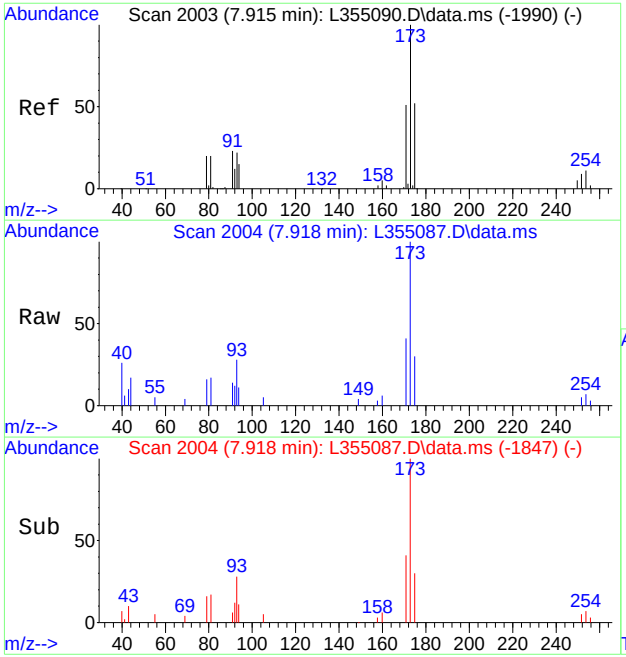


#91
styrene
Concen: 4.12 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:104 Resp: 40563

Ion	Ratio	Lower	Upper
104	100		
78	45.0	17.3	77.3
103	46.3	19.8	79.8

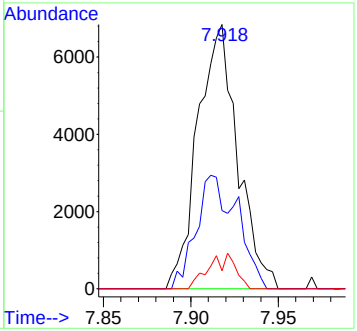


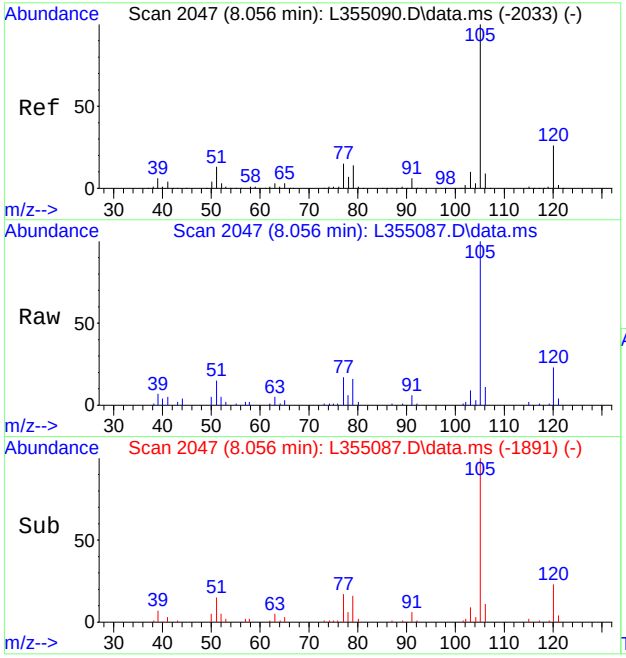


#92
bromoform
Concen: 4.10 ug/L
RT: 7.918 min Scan# 2004
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:173 Resp: 10863

Ion	Ratio	Lower	Upper
173	100		
175	29.6	22.1	82.1
254	6.8	0.0	41.0

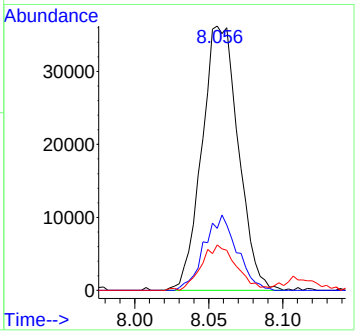


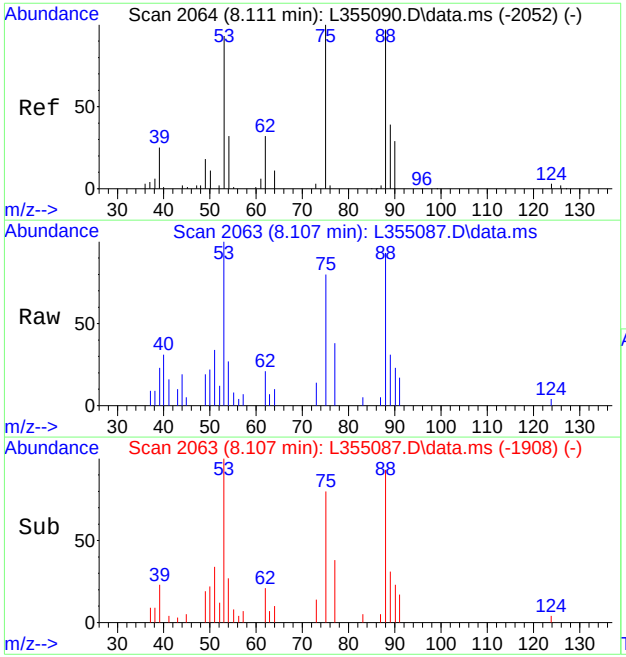


#93
isopropylbenzene
Concen: 3.84 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:105 Resp: 61931

Ion	Ratio	Lower	Upper
105	100		
120	23.4	6.4	46.4
77	17.2	0.0	35.3

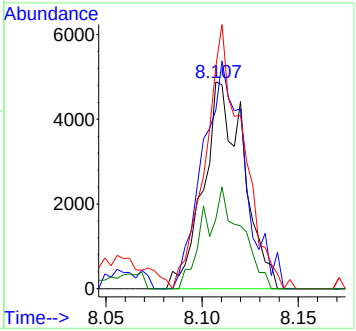


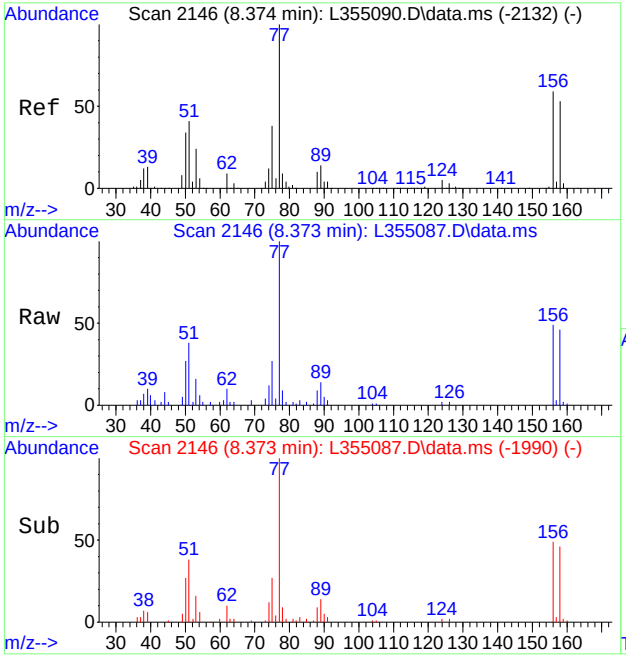


#94
cis-1,4-dichloro-2-butene
Concen: 4.38 ug/L
RT: 8.107 min Scan# 2063
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 88 Resp: 7125

Ion	Ratio	Lower	Upper
88	100		
75	86.4	87.0	127.0#
53	107.5	79.7	119.7
89	33.8	22.9	62.9

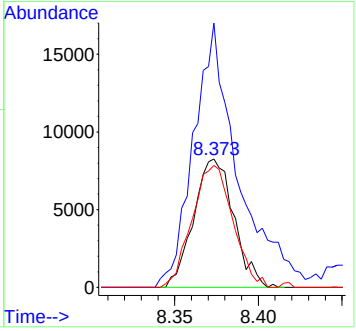


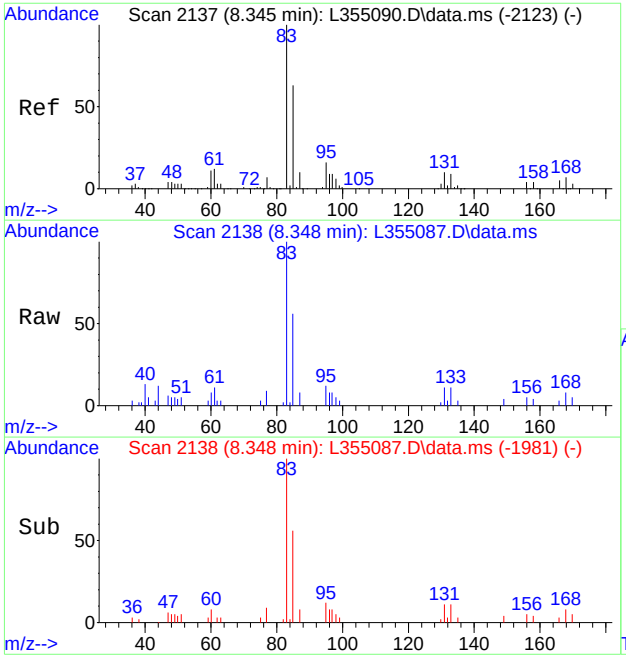


#97
bromobenzene
Concen: 4.07 ug/L
RT: 8.373 min Scan# 2146
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:156 Resp: 13760

Ion	Ratio	Lower	Upper
156	100		
77	199.0	138.1	198.1#
158	94.9	58.3	118.3

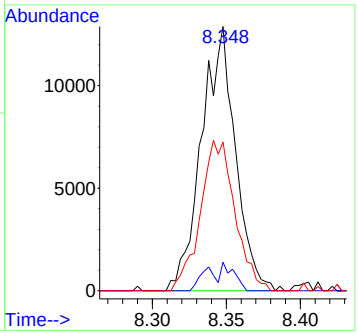


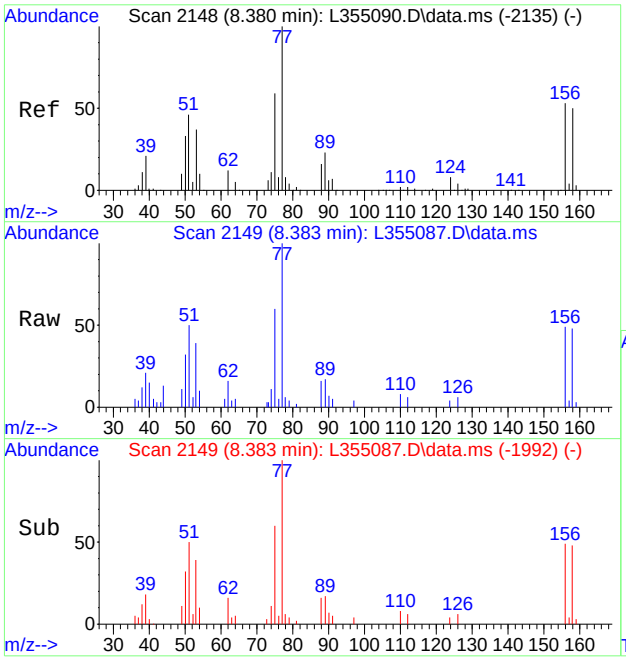


#98
1,1,2,2-tetrachloroethane
Concen: 4.12 ug/L
RT: 8.348 min Scan# 2138
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 83 Resp: 20509

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	39.6
85	56.3	33.1	93.1

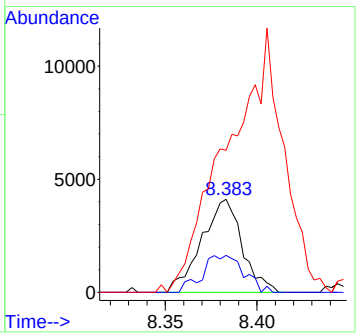


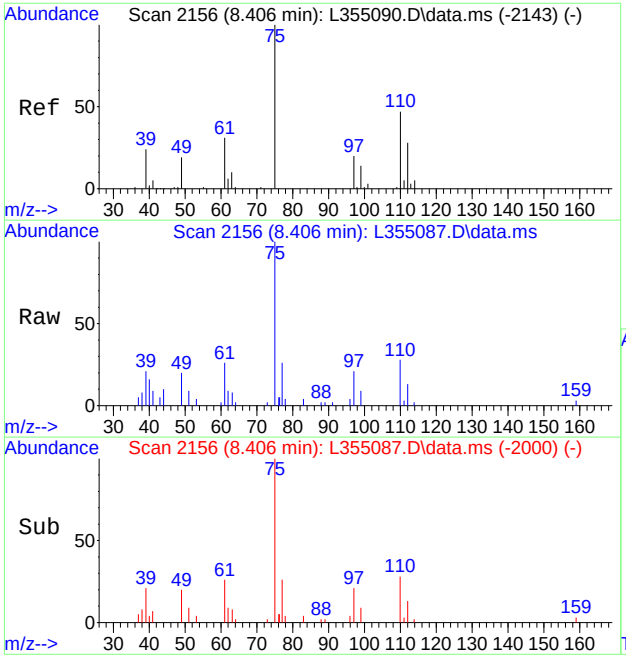


#99
trans-1,4-dichloro-2-butene
Concen: 4.05 ug/L
RT: 8.383 min Scan# 2149
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 53 Resp: 6351

Ion	Ratio	Lower	Upper
53	100		
88	40.0	13.5	73.5
75	144.7	128.5	188.5

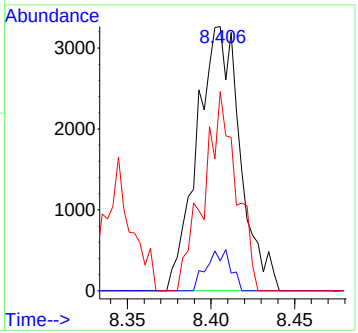


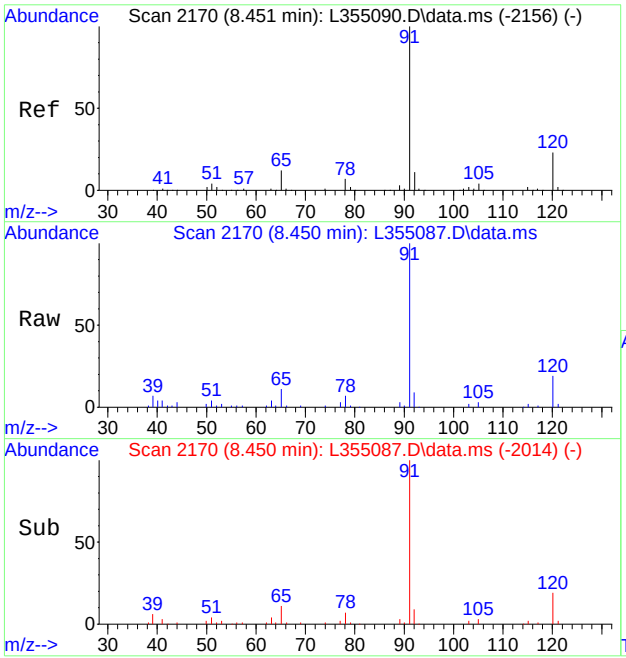


#100
1,2,3-trichloropropane
Concen: 4.55 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:110 Resp: 5875

Ion	Ratio	Lower	Upper
110	100		
111	11.3	0.0	39.7
97	75.4	18.0	78.0

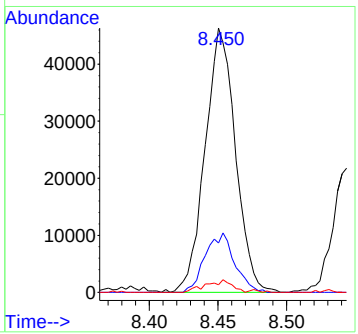


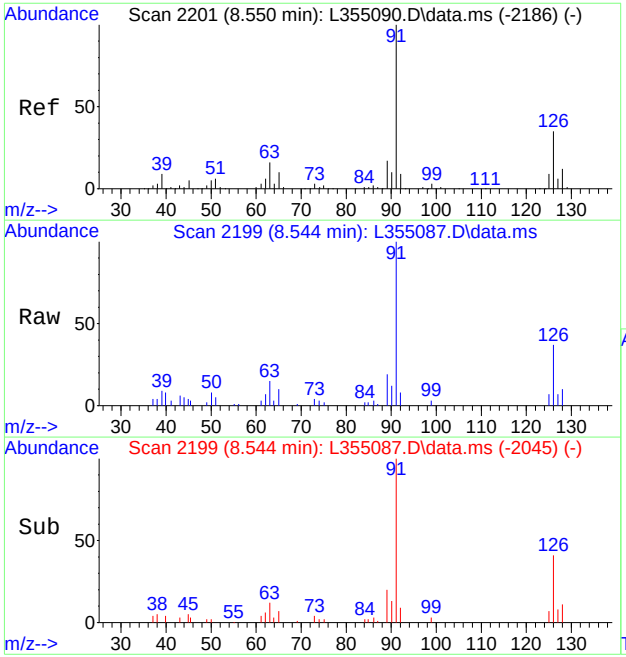


#101
n-propylbenzene
Concen: 4.02 ug/L
RT: 8.450 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 91 Resp: 71215

Ion	Ratio	Lower	Upper
91	100		
120	18.6	0.0	53.4
105	2.9	0.0	34.1

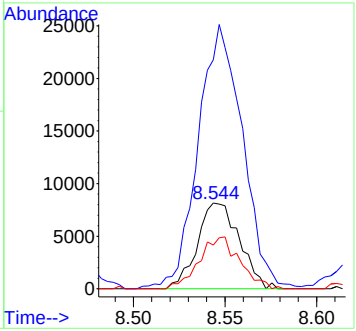


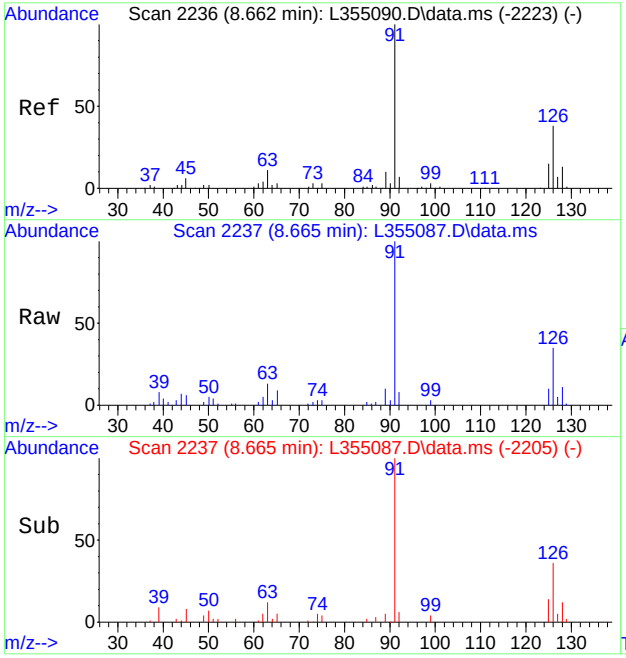


#102
2-chlorotoluene
Concen: 3.81 ug/L
RT: 8.544 min Scan# 2199
Delta R.T. -0.007 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:126 Resp: 13060

Ion	Ratio	Lower	Upper
126	100		
91	262.0	258.6	318.6
89	50.9	18.8	78.8

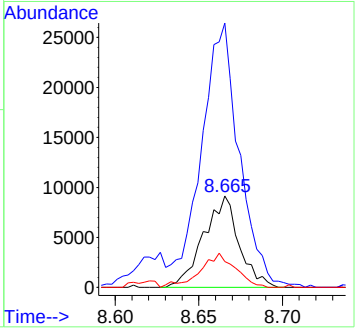


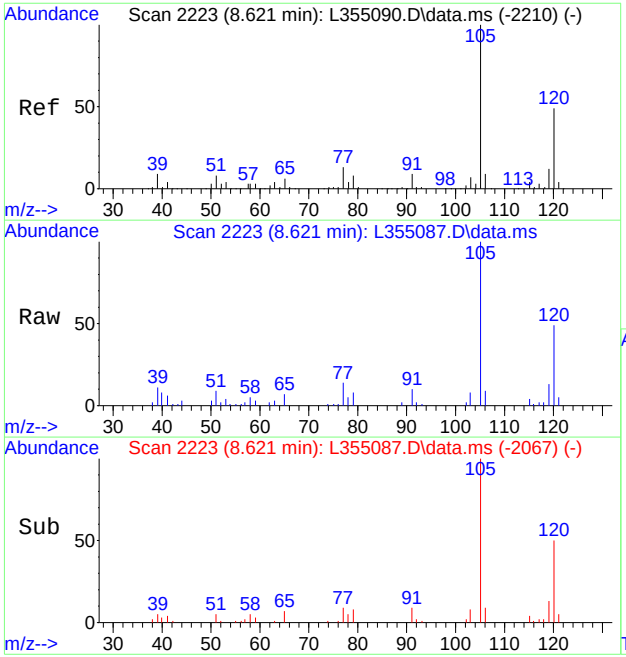


#103
4-chlorotoluene
Concen: 4.08 ug/L
RT: 8.665 min Scan# 2237
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:126 Resp: 13420

Ion	Ratio	Lower	Upper
126	100		
91	284.4	272.7	332.7
89	28.3	2.4	62.4

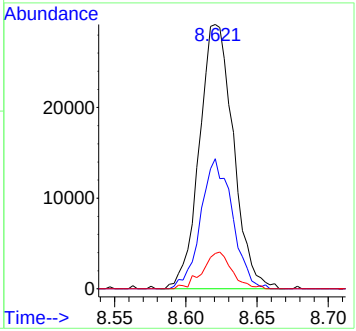


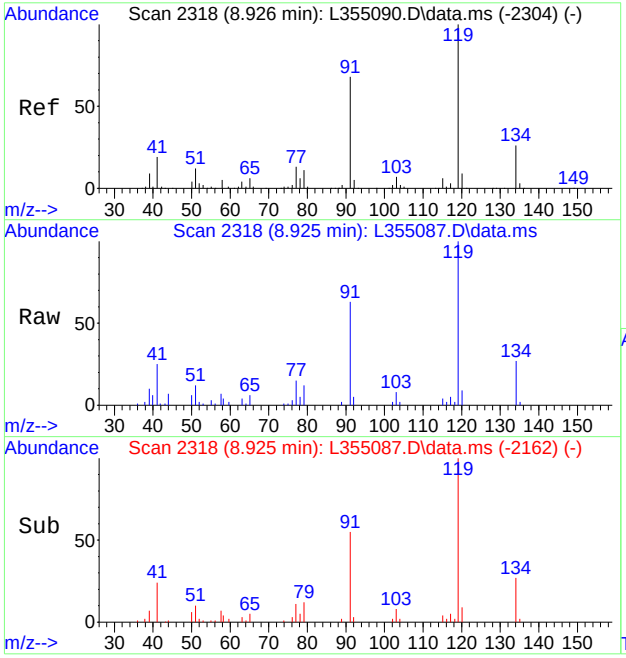


#104
1,3,5-trimethylbenzene
Concen: 3.88 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:105 Resp: 48433

Ion	Ratio	Lower	Upper
105	100		
120	49.2	19.0	79.0
119	13.4	0.0	42.2

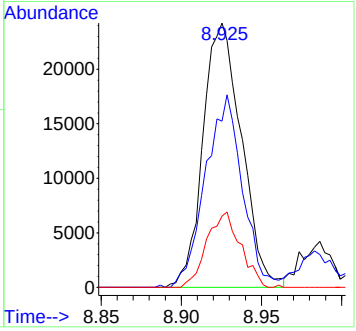




#105
tert-butylbenzene
Concen: 3.92 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

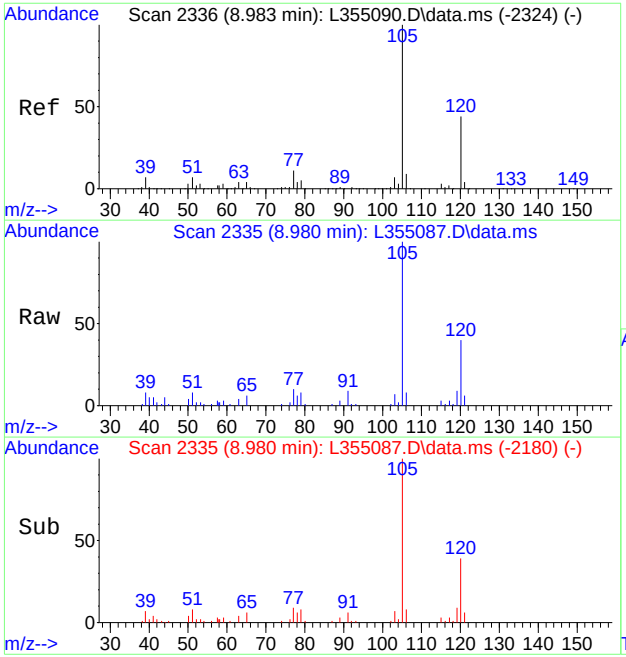
Tgt Ion:119 Resp: 40564

Ion	Ratio	Lower	Upper
119	100		
91	62.0	38.0	98.0
134	26.9	0.0	56.2



7.7.4

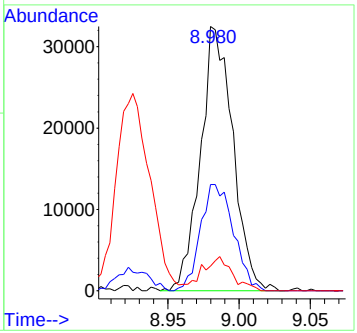
7

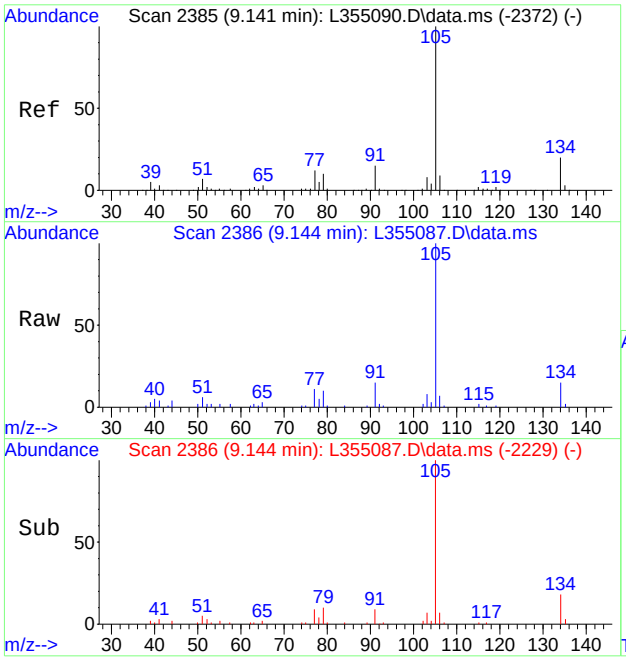


#106
1,2,4-trimethylbenzene
Concen: 4.17 ug/L
RT: 8.980 min Scan# 2335
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:105 Resp: 51390

Ion	Ratio	Lower	Upper
105	100		
120	40.2	15.8	75.8
119	9.3	0.0	42.1

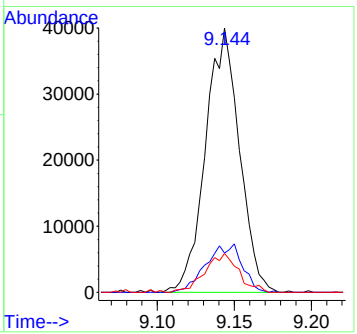


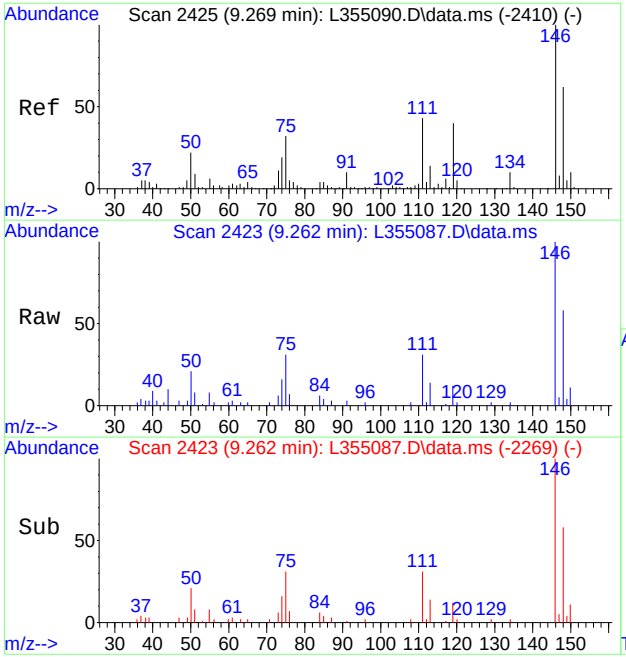


#107
sec-butylbenzene
Concen: 4.12 ug/L
RT: 9.144 min Scan# 2386
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:105 Resp: 61249

Ion	Ratio	Lower	Upper
105	100		
134	14.9	0.0	50.4
91	14.7	0.0	45.4

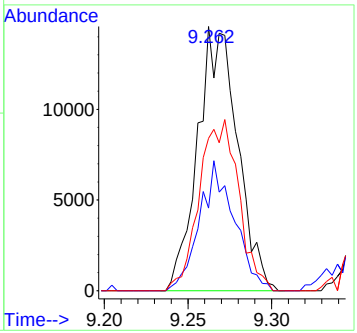


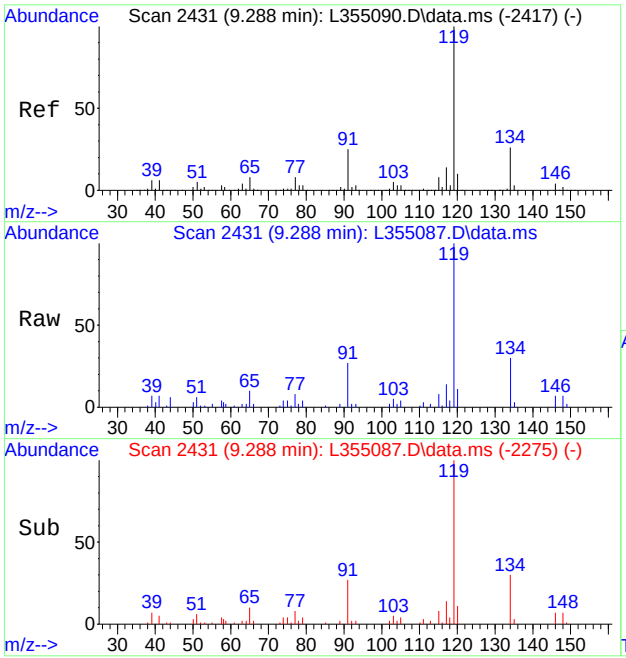


#108
1,3-dichlorobenzene
Concen: 4.17 ug/L
RT: 9.262 min Scan# 2423
Delta R.T. -0.007 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:146 Resp: 24172

Ion	Ratio	Lower	Upper
146	100		
111	31.3	13.1	73.1
148	57.7	32.4	92.4

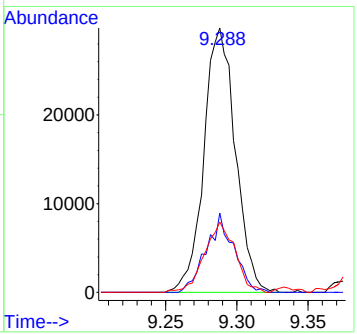


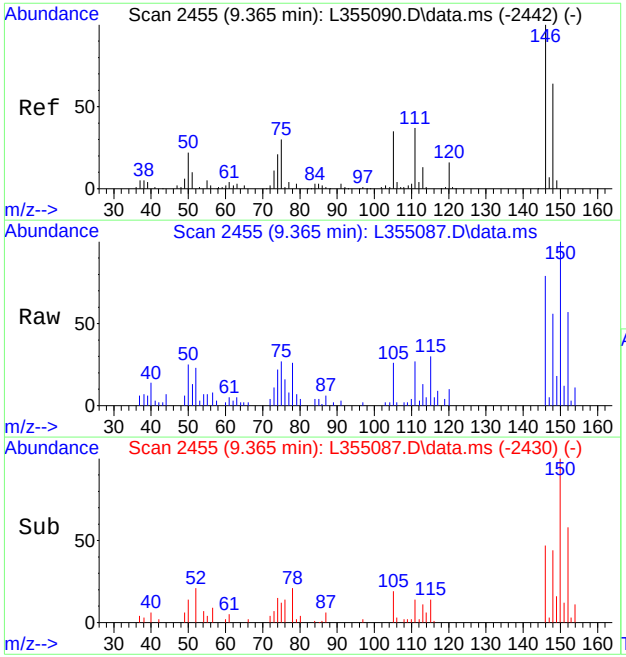


#109
p-isopropyltoluene
Concen: 3.91 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:119 Resp: 45776

Ion	Ratio	Lower	Upper
119	100		
134	30.0	0.0	56.2
91	26.6	0.0	55.0

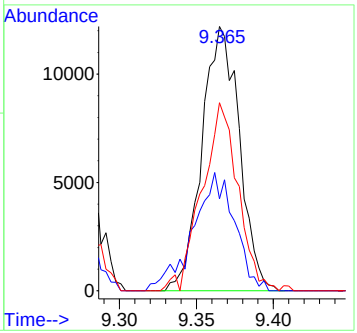


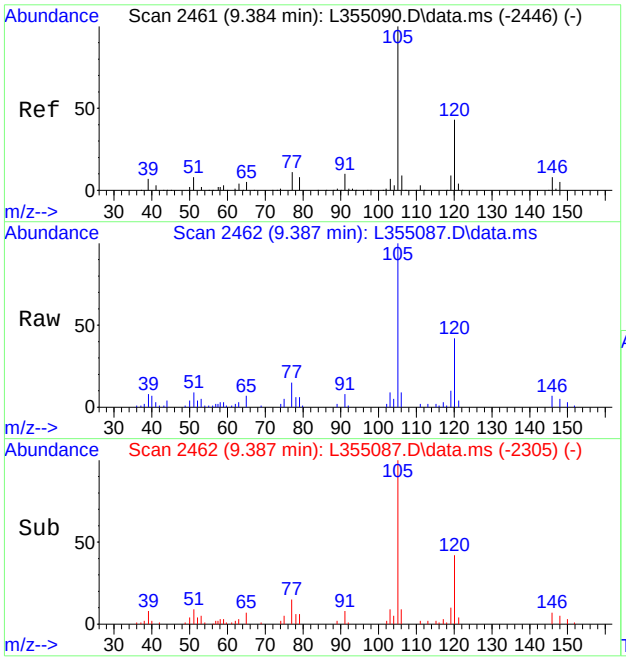


#110
1,4-dichlorobenzene
Concen: 3.73 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:146 Resp: 20604

Ion	Ratio	Lower	Upper
146	100		
111	34.7	7.6	67.6
148	71.1	33.7	93.7

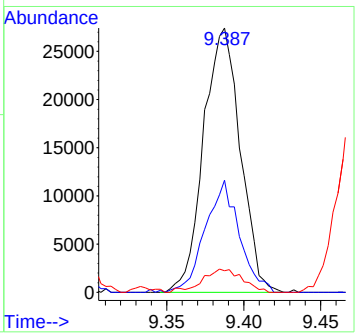


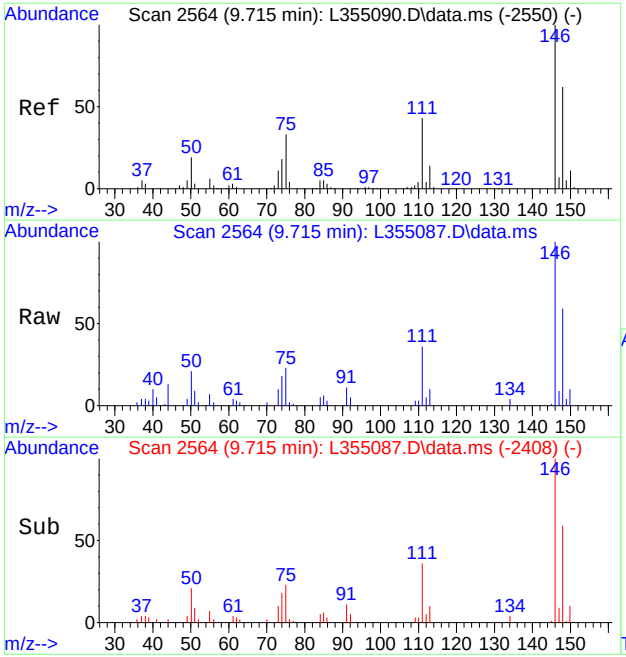


#111
1,2,3-trimethylbenzene
Concen: 4.04 ug/L
RT: 9.387 min Scan# 2462
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:105 Resp: 45637

Ion	Ratio	Lower	Upper
105	100		
120	42.4	13.0	73.0
91	8.2	0.0	39.8

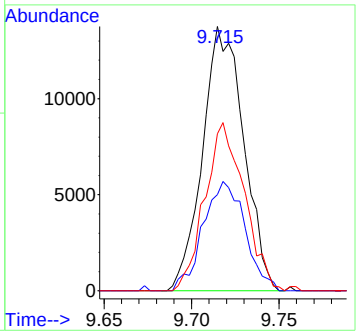


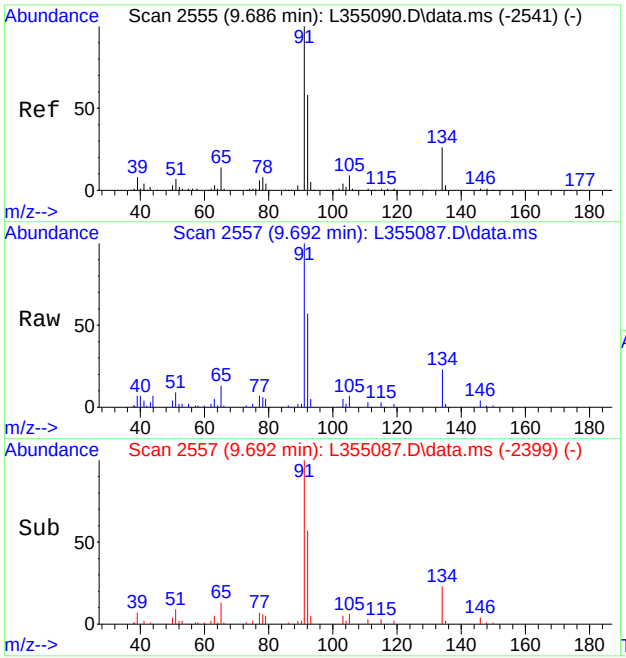


#112
1,2-dichlorobenzene
Concen: 4.10 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:146 Resp: 22525

Ion	Ratio	Lower	Upper
146	100		
111	36.4	13.0	73.0
148	59.3	32.1	92.1

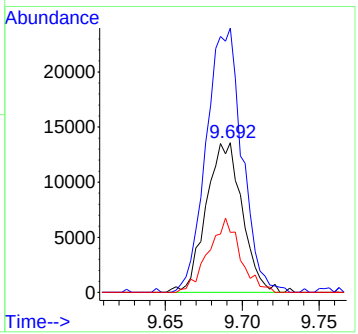


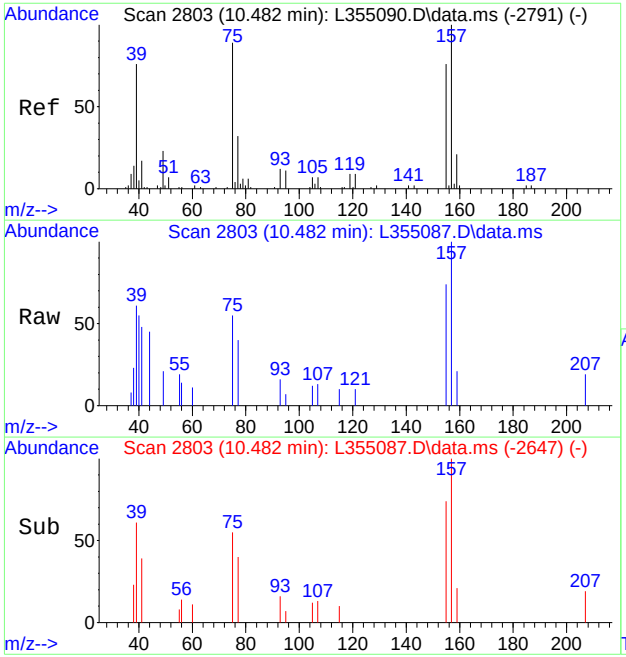


#113
n-butylbenzene
Concen: 3.90 ug/L
RT: 9.692 min Scan# 2557
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 92 Resp: 22114

Ion	Ratio	Lower	Upper
92	100		
91	176.5	141.2	201.2
134	40.1	14.9	74.9

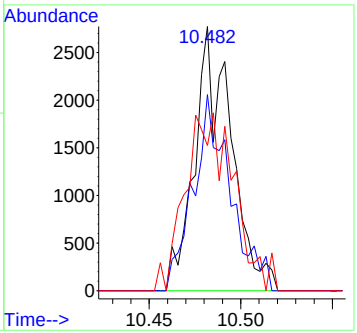


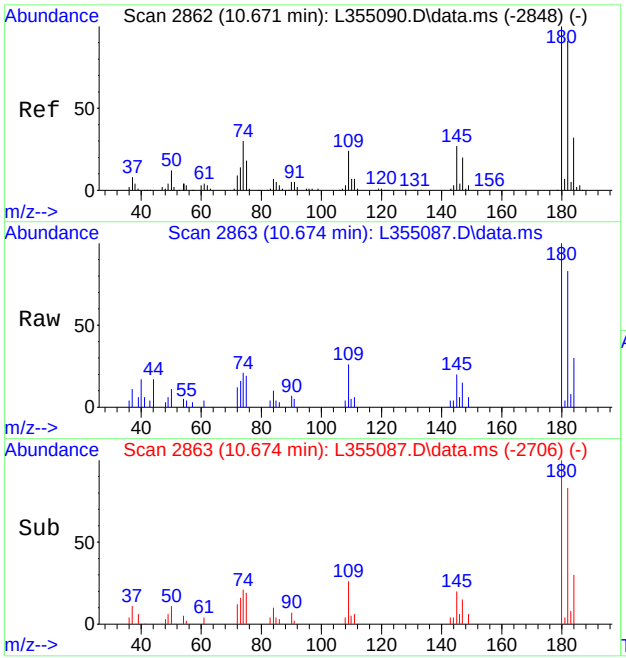


#114
1,2-dibromo-3-chloropropane
Concen: 3.64 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:157 Resp: 3875

Ion	Ratio	Lower	Upper
157	100		
155	74.2	46.0	106.0
75	54.9	58.9	118.9#

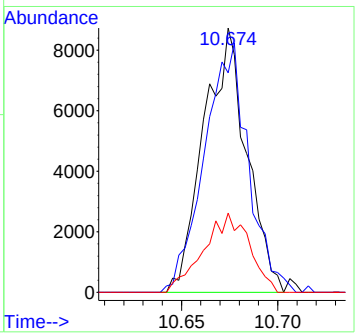


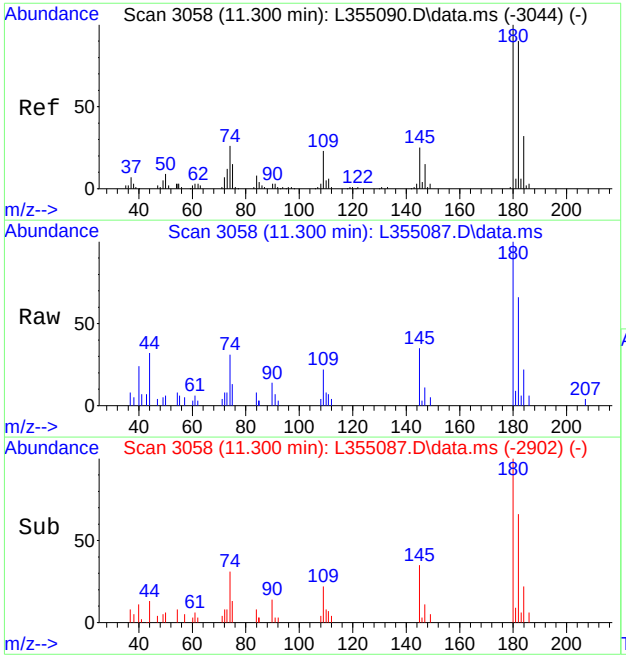


#115
1,3,5-trichlorobenzene
Concen: 3.90 ug/L
RT: 10.674 min Scan# 2863
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:180 Resp: 13609

Ion	Ratio	Lower	Upper
180	100		
182	83.0	61.0	121.0
184	30.0	1.5	61.5

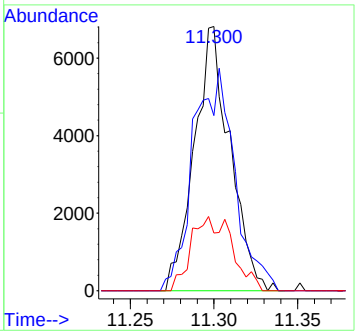


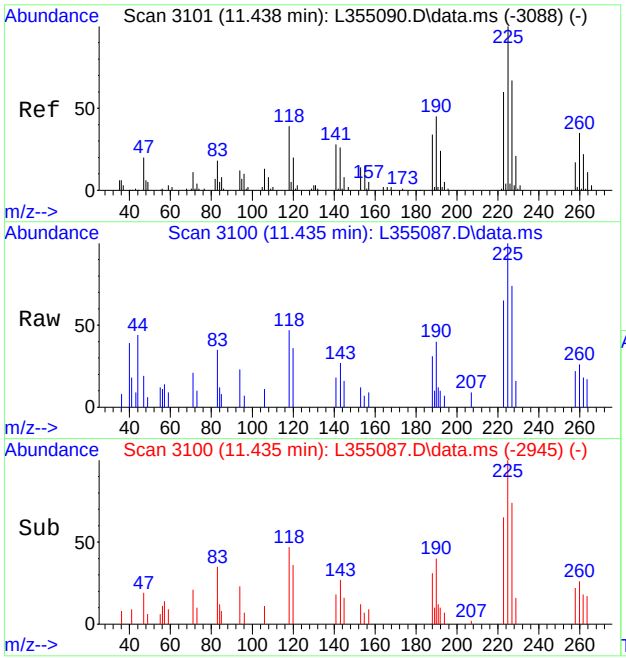


#116
1,2,4-trichlorobenzene
Concen: 3.55 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:180 Resp: 10100

Ion	Ratio	Lower	Upper
180	100		
182	66.3	59.8	119.8
184	21.9	1.8	61.8

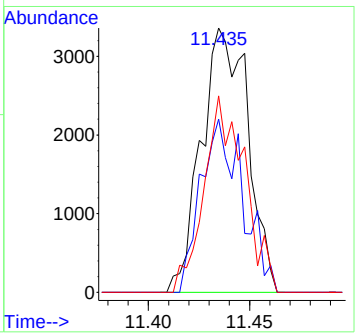


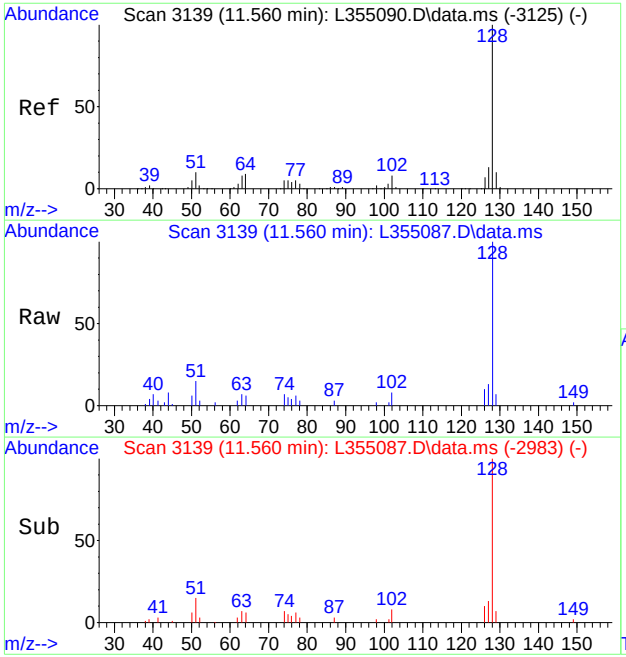


#117
hexachlorobutadiene
Concen: 4.07 ug/L
RT: 11.435 min Scan# 3100
Delta R.T. -0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:225 Resp: 5397

Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.5	90.5
227	74.4	37.2	97.2

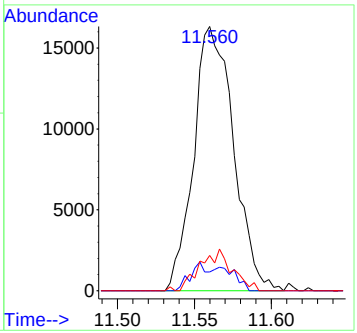


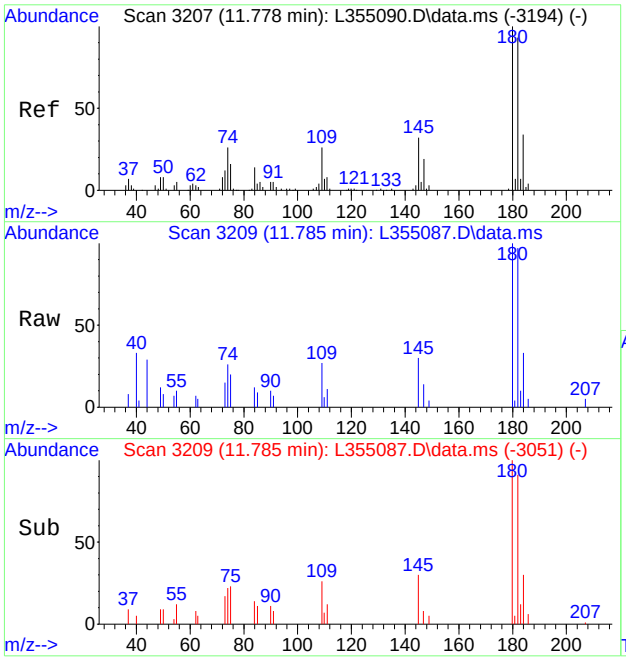


#118
naphthalene
Concen: 3.82 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:128 Resp: 29441

Ion	Ratio	Lower	Upper
128	100		
129	7.1	0.0	40.2
127	13.3	0.0	43.0

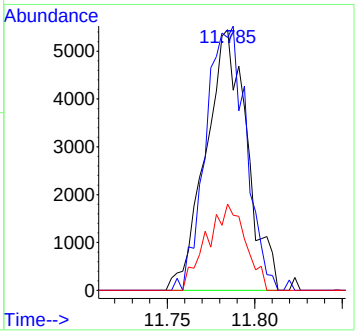


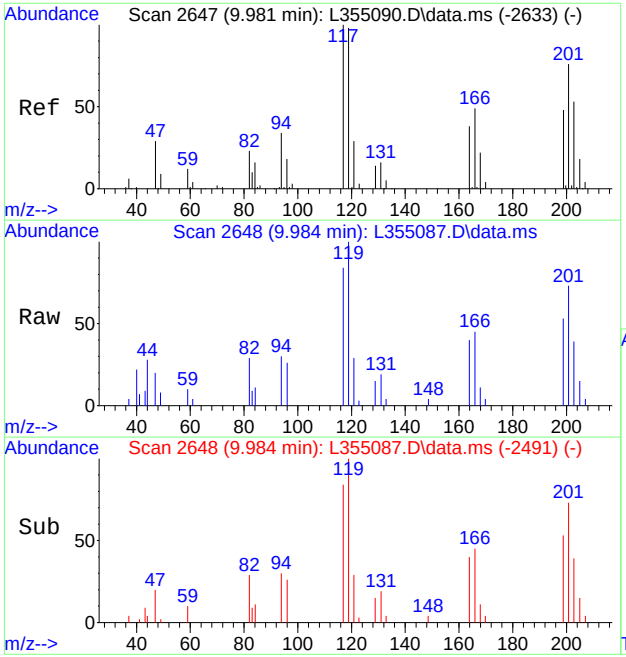


#119
1,2,3-trichlorobenzene
Concen: 3.71 ug/L
RT: 11.785 min Scan# 3209
Delta R.T. 0.006 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:180 Resp: 8967

Ion	Ratio	Lower	Upper
180	100		
182	97.1	63.1	123.1
184	33.1	3.8	63.8

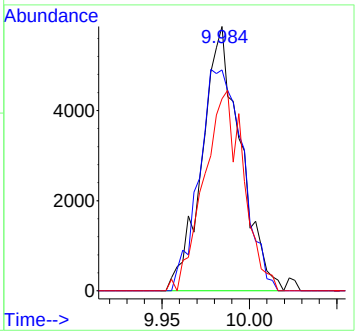


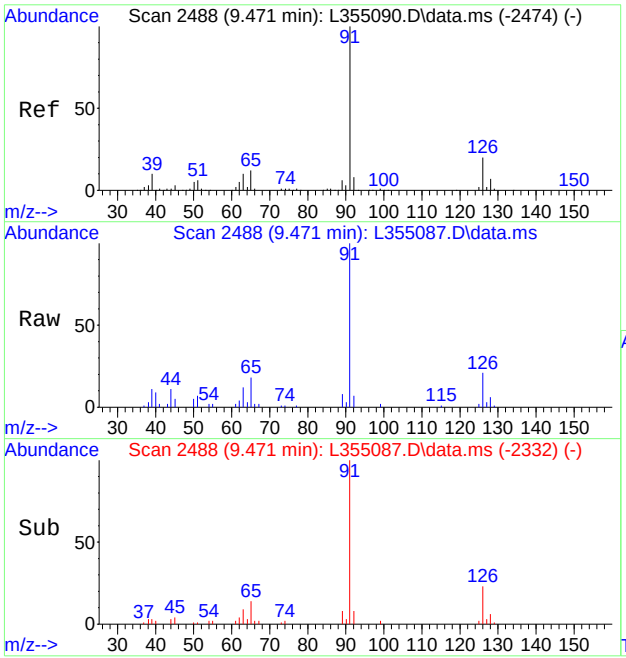


#120
hexachloroethane
Concen: 4.24 ug/L
RT: 9.984 min Scan# 2648
Delta R.T. 0.003 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion:119 Resp: 8940

Ion	Ratio	Lower	Upper
119	100		
117	83.5	71.9	131.9
201	72.6	47.2	107.2

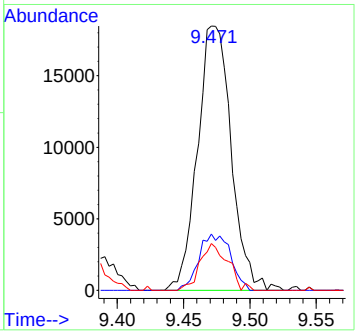




#121
benzyl chloride
Concen: 3.81 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355087.D
Acq: 29 Apr 2023 7:43 pm

Tgt Ion: 91 Resp: 32743

Ion	Ratio	Lower	Upper
91	100		
126	21.4	0.0	50.3
65	17.7	0.0	42.2



7.7.44

7

Manual Integration Approval Summary

Sample Number:	VL10779-IC10779	**Method:**	SW846 8260D
Lab FileID:	L355087.D	**Analyst approved:**	05/01/23 12:21 MoHui Huang
Injection Time:	04/29/23 19:43	**Supervisor approved:**	05/02/23 09:56 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acrylonitrile	107-13-1		3.17	Split peak
1,4-Dioxane	123-91-1		5.20	Split peak

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/02/23 09:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355088.D
Acq On : 29 Apr 2023 8:06 pm
Operator : PrashanS
Sample : IC10779-8
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 12:58:58 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:37:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.992	65	138490	500.00	ug/L		0.00
5) pentafluorobenzene	4.202	168	293557	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.767	114	411526	50.00	ug/L		0.00
72) chlorobenzene-d5	7.151	117	359311	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	147680	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.202	168	293557	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	147680	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.212	113	122795	51.04	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.08%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	151665	50.62	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 101.24%				
73) toluene-d8 (s)	5.906	98	486171	50.11	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%				
96) 4-bromofluorobenzene (s)	8.226	95	169485	49.81	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.62%				
Target Compounds							Qvalue
2) 1,4-dioxane	5.194	88	1768m	195.43	ug/L		
3) ethanol	2.424	45	13916	586.13	ug/L		96
4) tertiary butyl alcohol	3.050	59	18483	38.40	ug/L		88
6) chlorodifluoromethane	1.609	51	63024	7.67	ug/L	#	96
7) dichlorodifluoromethane	1.596	85	46060	7.78	ug/L		94
8) chloromethane	1.747	50	51232	7.66	ug/L		97
9) vinyl chloride	1.834	62	40851	8.02	ug/L		97
10) 1,3-butadiene	1.863	54	44882	7.68	ug/L		97
11) bromomethane	2.084	96	14719	7.42	ug/L		93
12) chloroethane	2.161	64	20341	7.59	ug/L		95
13) trichlorofluoromethane	2.338	101	43079	8.07	ug/L		99
14) ethyl ether	2.517	74	19129	8.07	ug/L		93
15) acrolein	2.620	56	8515	6.99	ug/L		89
16) freon 113	2.691	151	21898	7.34	ug/L		89
17) 1,1-dichloroethene	2.697	96	22678	7.96	ug/L		87
18) acetone	2.707	58	19851	30.68	ug/L		97
19) acetonitrile	2.899	40	31797	87.92	ug/L		92
20) iodomethane	2.809	142	20445	8.04	ug/L		98
21) iso-butyl alcohol	4.350	43	18167	76.44	ug/L		90
22) carbon disulfide	2.870	76	89700	7.22	ug/L		96
23) methylene chloride	3.024	84	26462	7.41	ug/L		92
24) methyl acetate	2.912	74	6174	6.82	ug/L	#	87
25) methyl tert butyl ether	3.188	73	90374	7.89	ug/L		95
26) trans-1,2-dichloroethene	3.207	96	24441	7.26	ug/L		90
27) hexane	3.384	57	65404	7.45	ug/L		95
28) di-isopropyl ether	3.490	45	136023	7.58	ug/L		96
29) ethyl tert-butyl ether	3.734	59	115072	7.87	ug/L		96
30) 2-butanone	3.852	72	19069	31.43	ug/L	#	91
31) 1,1-dichloroethane	3.496	63	58121	7.72	ug/L		97
32) chloroprene	3.547	53	59689	7.65	ug/L		97
33) acrylonitrile	3.166	53	18943	7.69	ug/L		95
34) vinyl acetate	3.467	86	6467	7.97	ug/L	#	93
35) ethyl acetate	3.865	45	9460	9.15	ug/L	#	54
36) 2,2-dichloropropane	3.894	77	42767	7.48	ug/L		94
37) cis-1,2-dichloroethene	3.878	96	27626	7.61	ug/L		96
38) propionitrile	3.900	54	62102	73.73	ug/L		98
39) methyl acrylate	3.910	85	5736	8.46	ug/L	#	77
40) bromochloromethane	4.045	128	12644	7.81	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355088.D
Acq On : 29 Apr 2023 8:06 pm
Operator : PrashanS
Sample : IC10779-8
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 12:58:58 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:37:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.058	72	5334	7.50	ug/L	#	82
42) chloroform	4.099	83	49632	7.36	ug/L		87
44) methacrylonitrile	4.006	67	15521	7.17	ug/L		89
45) 1,1,1-trichloroethane	4.241	97	36980	7.71	ug/L		90
46) cyclohexane	4.295	84	42421	7.90	ug/L		94
47) 1,1-dichloropropene	4.343	75	38439	8.17	ug/L		95
48) carbon tetrachloride	4.353	117	33780	7.75	ug/L		97
49) isopropyl acetate	4.465	87	7678	7.78	ug/L	#	85
50) tert amyl alcohol	4.440	55	8396	39.14	ug/L	#	84
53) tert-amyl methyl ether	4.549	73	83751	7.37	ug/L		94
54) 2,2,4-trimethylpentane	4.552	57	108506	7.32	ug/L		94
55) n-butyl alcohol	4.828	56	30279	297.44	ug/L		97
56) benzene	4.491	78	107418	7.60	ug/L		98
57) heptane	4.661	57	25603	7.55	ug/L		86
58) 1,2-dichloroethane	4.520	62	36996	7.02	ug/L		93
59) trichloroethene	4.956	95	28065	7.79	ug/L		96
60) ethyl acrylate	4.975	55	58109	7.62	ug/L		96
61) 2-nitropropane	5.508	41	14293	8.03	ug/L	#	78
62) 2-chloroethyl vinyl ether	5.537	63	66462	40.01	ug/L		92
63) methyl methacrylate	5.158	100	8655	7.78	ug/L	#	81
64) 1,2-dichloropropane	5.158	63	34742	7.71	ug/L		90
65) methylcyclohexane	5.146	83	50791	7.54	ug/L		83
66) dibromomethane	5.226	93	15735	7.17	ug/L		91
67) bromodichloromethane	5.341	83	36835	7.05	ug/L		96
68) cis-1,3-dichloropropene	5.681	75	49166	7.54	ug/L		89
69) epichlorohydrin	5.588	57	22386	37.81	ug/L		94
70) 4-methyl-2-pentanone	5.778	58	75023	29.87	ug/L	#	78
71) 3-methyl-1-butanol	5.803	70	14658	136.56	ug/L		90
74) toluene	5.964	92	65518	7.87	ug/L		95
75) trans-1,3-dichloropropene	6.134	75	44172	7.27	ug/L		98
76) ethyl methacrylate	6.156	69	43307	7.75	ug/L		95
77) 1,1,2-trichloroethane	6.304	83	22093	7.29	ug/L		96
78) 2-hexanone	6.471	58	73174	29.30	ug/L		92
79) tetrachloroethene	6.394	166	27244	7.84	ug/L		89
80) 1,3-dichloropropane	6.448	76	44297	7.45	ug/L		98
81) butyl acetate	6.554	56	31942	8.02	ug/L		99
82) dibromochloromethane	6.634	129	25867	7.16	ug/L		92
83) 1,2-dibromoethane	6.750	107	26919	7.70	ug/L		97
84) n-butyl ether	7.225	57	147829	8.18	ug/L		97
85) chlorobenzene	7.177	112	66587	7.62	ug/L		92
86) 1,1,1,2-tetrachloroethane	7.244	131	24113	7.69	ug/L		96
87) ethylbenzene	7.254	91	119911	7.75	ug/L		98
88) m,p-xylene	7.369	106	92898	15.16	ug/L		93
89) o-xylene	7.722	106	45941	7.26	ug/L		93
90) butyl acrylate	7.648	55	79230	7.59	ug/L		94
91) styrene	7.742	104	77126	7.89	ug/L		92
92) bromoform	7.912	173	20261	7.70	ug/L		91
93) isopropylbenzene	8.059	105	118650	7.50	ug/L		98
94) cis-1,4-dichloro-2-butene	8.107	88	13461	8.12	ug/L		85
97) bromobenzene	8.370	156	25664	7.76	ug/L		91
98) 1,1,2,2-tetrachloroethane	8.345	83	36105	7.39	ug/L		92
99) trans-1,4-dichloro-2-b...	8.377	53	12033	7.83	ug/L		92
100) 1,2,3-trichloropropane	8.409	110	10185	7.82	ug/L		96
101) n-propylbenzene	8.451	91	130758	7.56	ug/L		98
102) 2-chlorotoluene	8.547	126	25209	7.60	ug/L		92
103) 4-chlorotoluene	8.659	126	23711	7.35	ug/L	#	80
104) 1,3,5-trimethylbenzene	8.624	105	93135	7.69	ug/L		95
105) tert-butylbenzene	8.926	119	75976	7.55	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355088.D
Acq On : 29 Apr 2023 8:06 pm
Operator : PrashanS
Sample : IC10779-8
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 12:58:58 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:37:28 2023
Response via : Initial Calibration

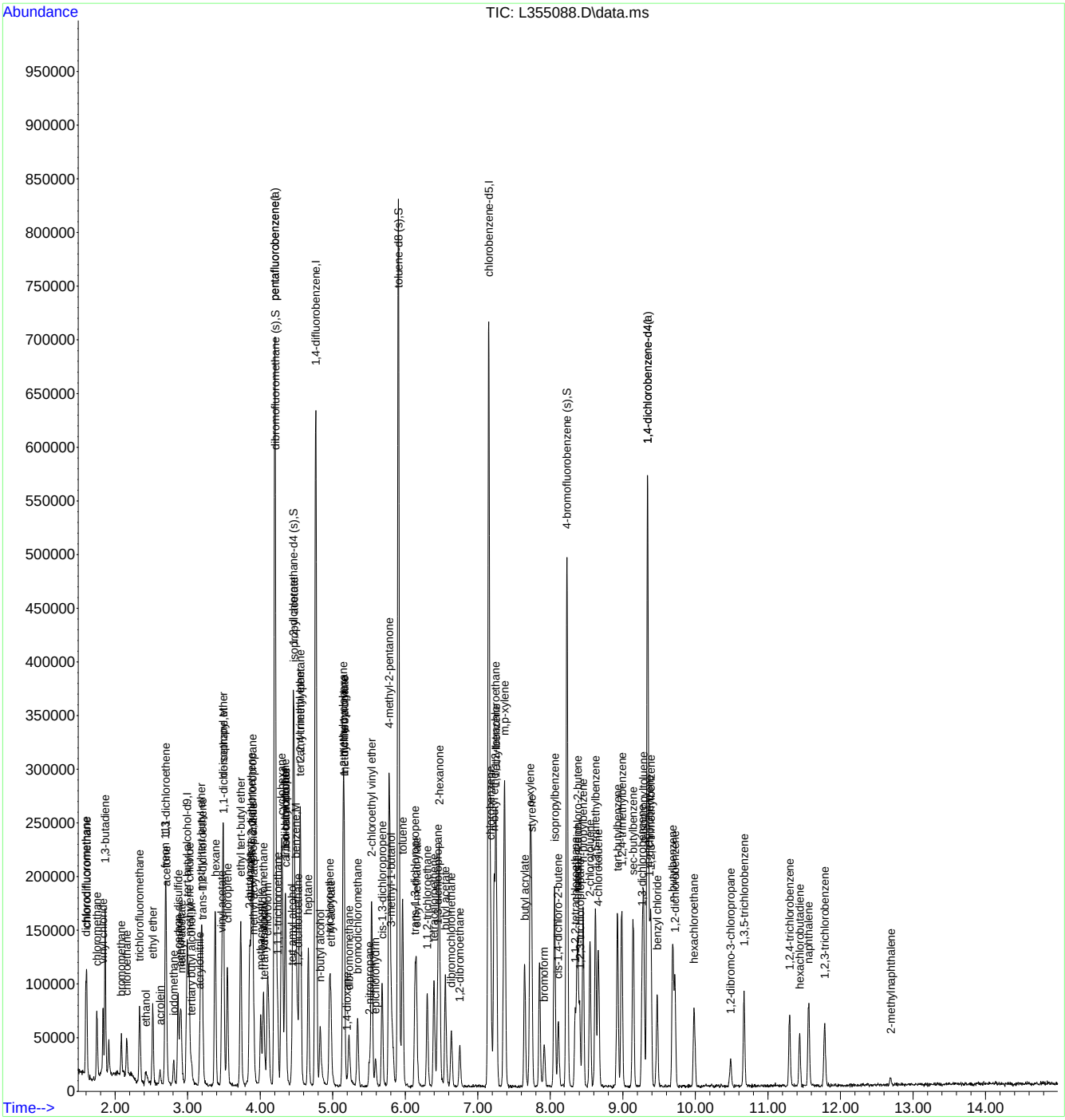
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.987	105	92127	7.59	ug/L	96
107) sec-butylbenzene	9.141	105	112231	7.70	ug/L	98
108) 1,3-dichlorobenzene	9.266	146	44326	7.77	ug/L	99
109) p-isopropyltoluene	9.285	119	87486	7.69	ug/L	97
110) 1,4-dichlorobenzene	9.368	146	37809	7.11	ug/L	96
111) 1,2,3-trimethylbenzene	9.384	105	82559	7.47	ug/L	94
112) 1,2-dichlorobenzene	9.718	146	38929	7.24	ug/L	98
113) n-butylbenzene	9.686	92	41474	7.54	ug/L	96
114) 1,2-dibromo-3-chloropr...	10.485	157	6738	6.64	ug/L	92
115) 1,3,5-trichlorobenzene	10.671	180	27256	8.04	ug/L	97
116) 1,2,4-trichlorobenzene	11.300	180	20647	7.60	ug/L	88
117) hexachlorobutadiene	11.438	225	10467	8.06	ug/L	92
118) naphthalene	11.560	128	58741	7.87	ug/L	97
119) 1,2,3-trichlorobenzene	11.785	180	17150	7.38	ug/L	91
120) hexachloroethane	9.981	119	16322	7.84	ug/L	90
121) benzyl chloride	9.471	91	61673	7.43	ug/L	93
122) 2-methylnaphthalene	12.696	142	3812	1.36	ug/L	89

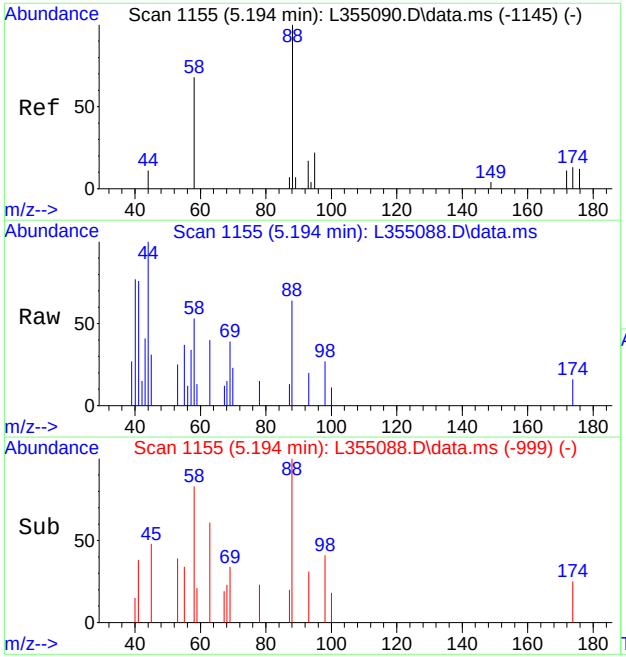
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355088.D
Acq On : 29 Apr 2023 8:06 pm
Operator : PrashanS
Sample : IC10779-8
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 12:58:58 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:37:28 2023
Response via : Initial Calibration

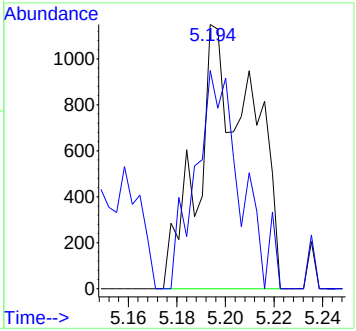


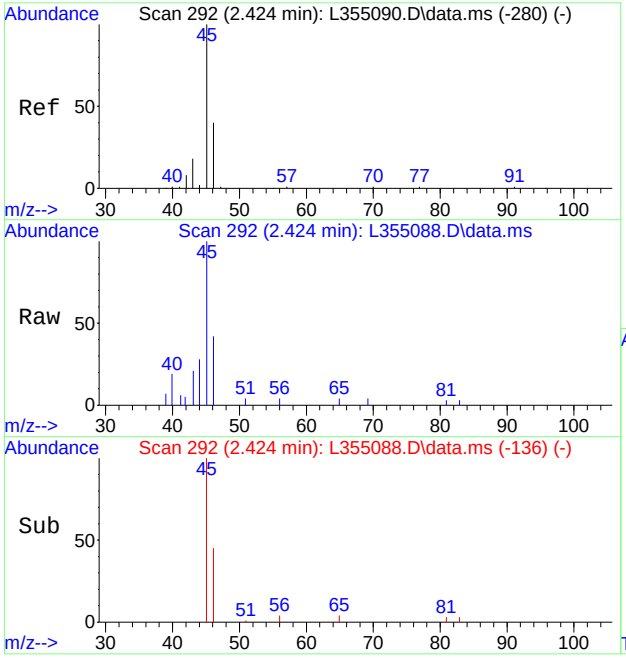


#2
1,4-dioxane
Concen: 195.43 ug/L m
RT: 5.194 min Scan# 1155
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 88 Resp: 1768

Ion	Ratio	Lower	Upper
88	100		
58	82.6	53.2	113.2

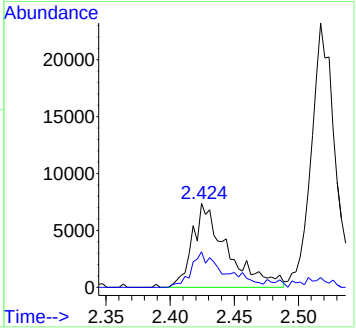


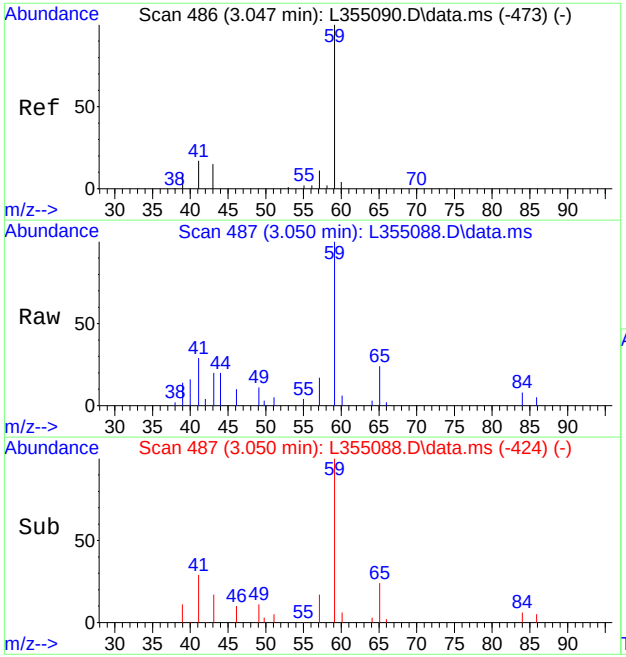


#3
ethanol
Concen: 586.13 ug/L
RT: 2.424 min Scan# 292
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 45 Resp: 13916

Ion	Ratio	Lower	Upper
45	100		
46	42.3	20.0	60.0

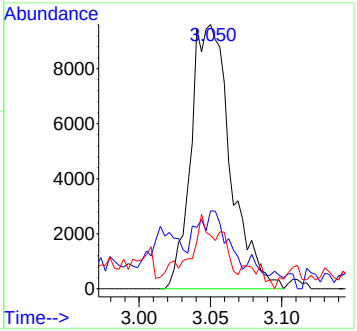


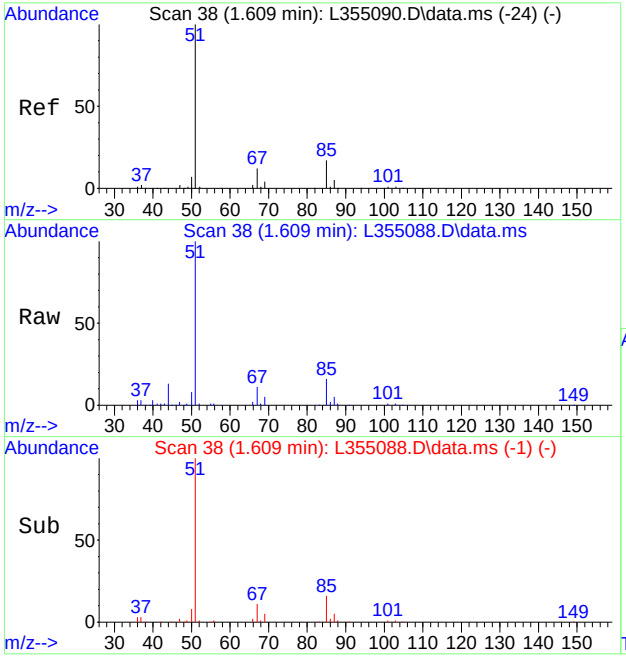


#4
tertiary butyl alcohol
Concen: 38.40 ug/L
RT: 3.050 min Scan# 487
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 59 Resp: 18483

Ion	Ratio	Lower	Upper
59	100		
41	25.3	0.0	47.4
43	16.6	0.0	44.8

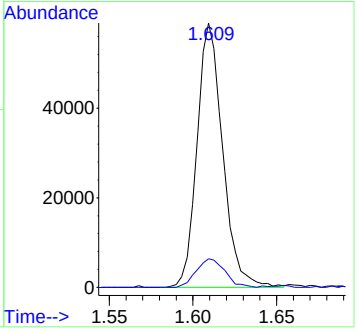


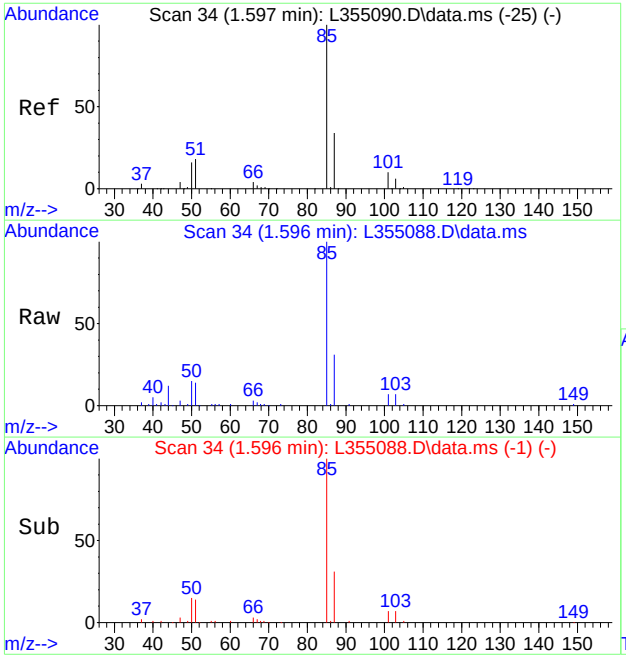


#6
chlorodifluoromethane
Concen: 7.67 ug/L
RT: 1.609 min Scan# 38
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 51 Resp: 63024

Ion	Ratio	Lower	Upper
51	100		
67	10.8	12.4	12.4#

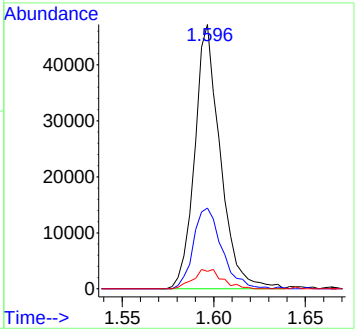


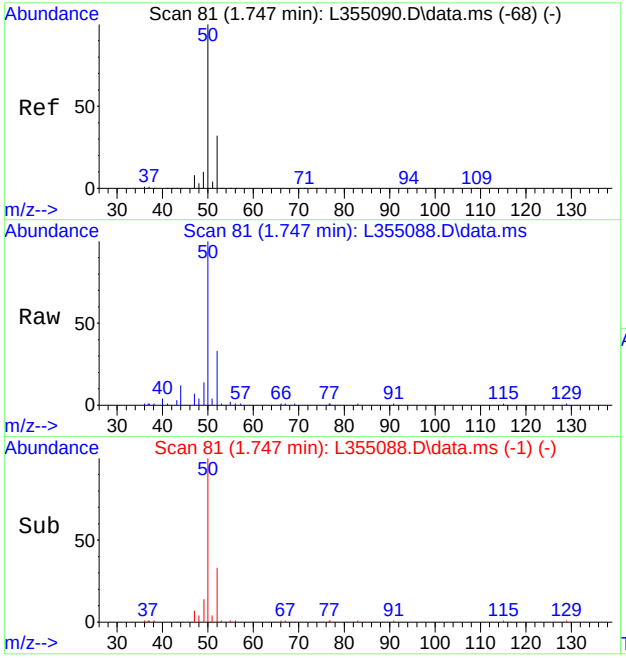


#7
dichlorodifluoromethane
Concen: 7.78 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 85 Resp: 46060

Ion	Ratio	Lower	Upper
85	100		
87	30.6	3.9	63.9
101	6.6	0.0	39.7

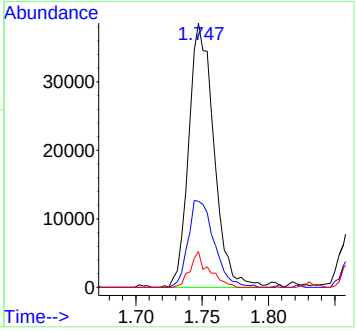


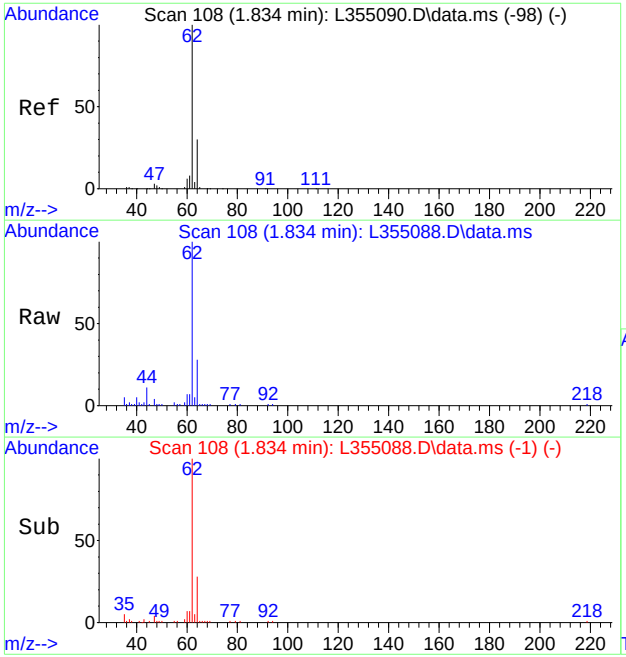


#8
chloromethane
Concen: 7.66 ug/L
RT: 1.747 min Scan# 81
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 50 Resp: 51232

Ion	Ratio	Lower	Upper
50	100		
52	32.5	1.7	61.7
49	13.5	0.0	40.1

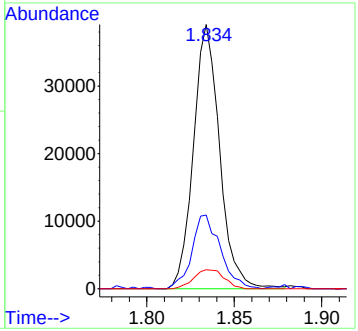


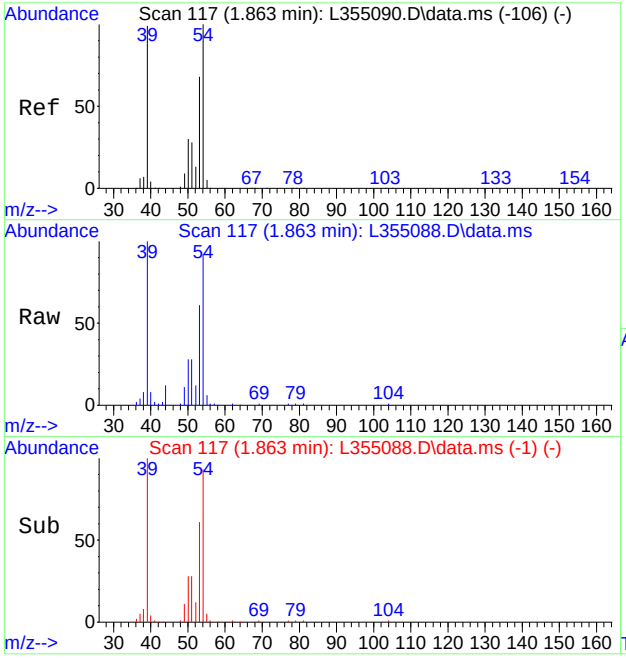


#9
vinyl chloride
Concen: 8.02 ug/L
RT: 1.834 min Scan# 108
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 62 Resp: 40851

Ion	Ratio	Lower	Upper
62	100		
64	27.9	0.0	60.0
61	7.3	0.0	37.5

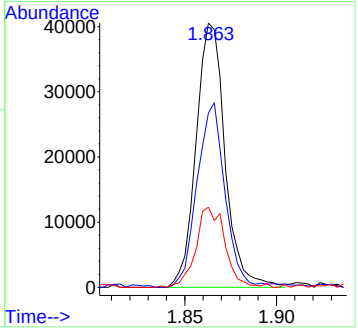


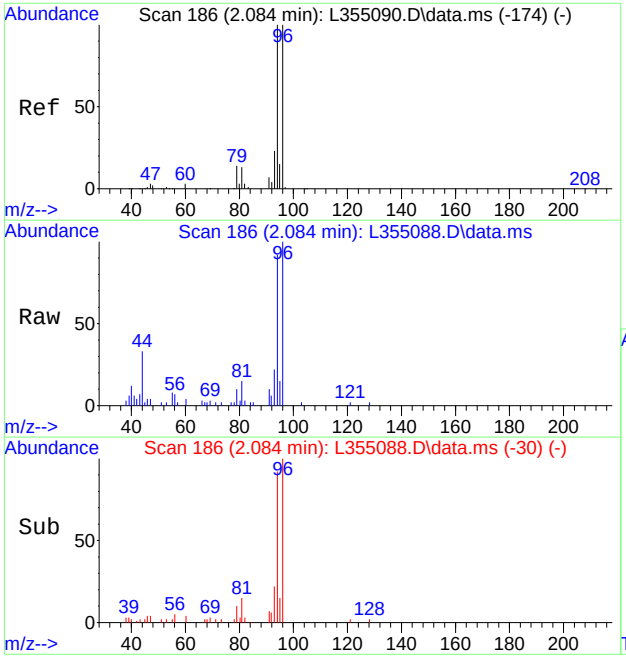


#10
1,3-butadiene
Concen: 7.68 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 54 Resp: 44882

Ion	Ratio	Lower	Upper
54	100		
53	66.0	38.4	98.4
51	29.8	0.0	57.9

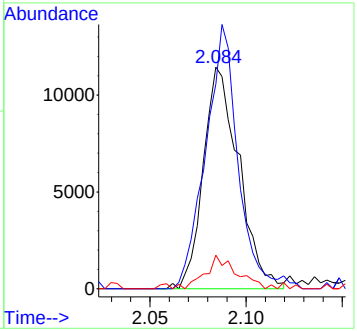


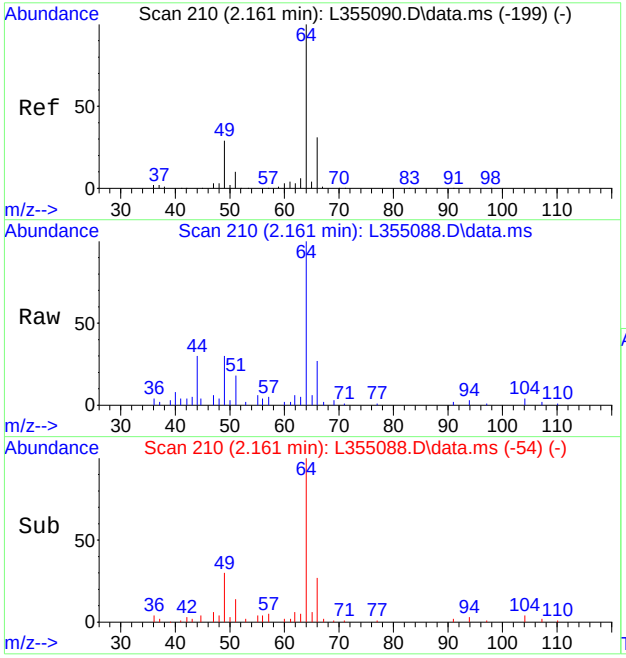


#11
bromomethane
Concen: 7.42 ug/L
RT: 2.084 min Scan# 186
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 96 Resp: 14719

Ion	Ratio	Lower	Upper
96	100		
94	92.3	70.4	130.4
95	13.4	0.0	44.4

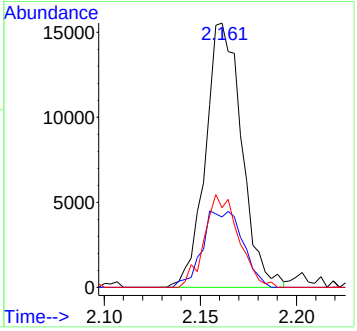


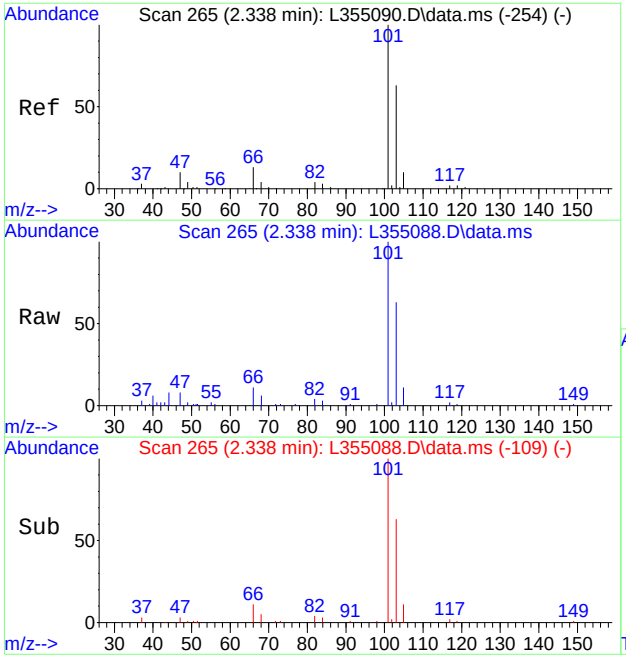


#12
chloroethane
Concen: 7.59 ug/L
RT: 2.161 min Scan# 210
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 64 Resp: 20341

Ion	Ratio	Lower	Upper
64	100		
66	26.6	1.3	61.3
49	30.1	0.0	58.9

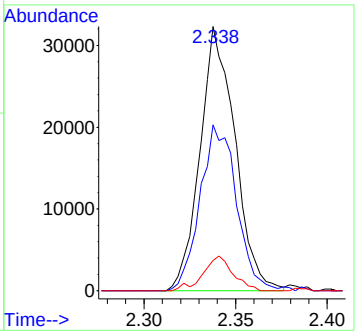


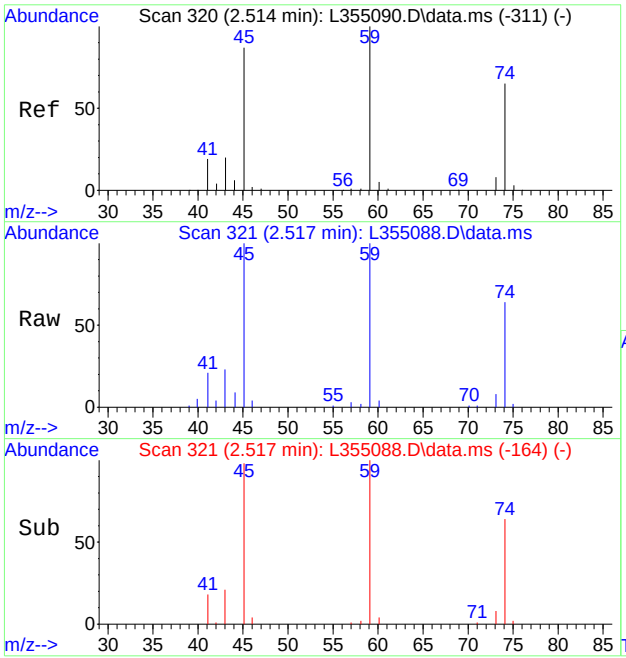


#13
trichlorofluoromethane
Concen: 8.07 ug/L
RT: 2.338 min Scan# 265
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:101 Resp: 43079

Ion	Ratio	Lower	Upper
101	100		
103	62.7	32.9	92.9
105	11.5	0.0	40.4

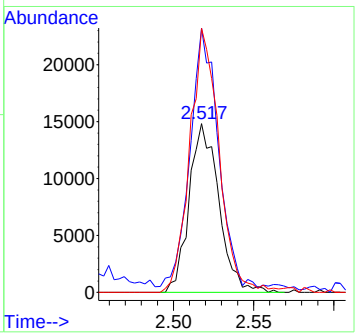


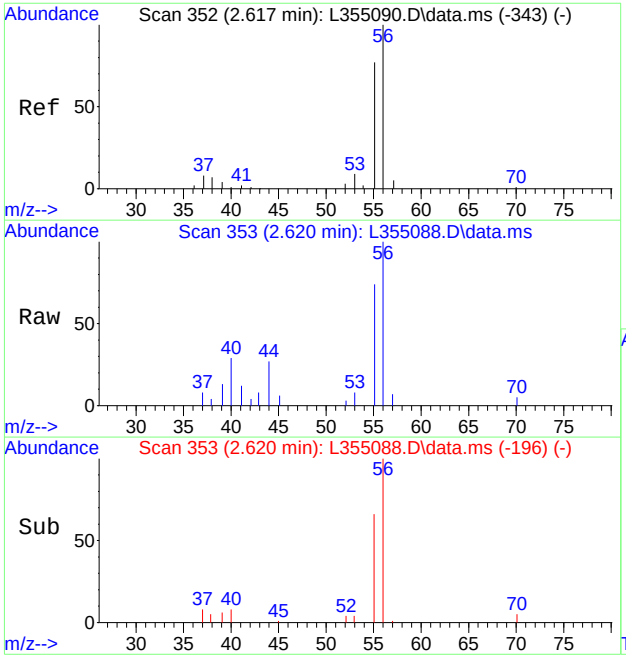


#14
ethyl ether
Concen: 8.07 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 74 Resp: 19129

Ion	Ratio	Lower	Upper
74	100		
45	153.2	108.0	168.0
59	156.5	124.3	184.3

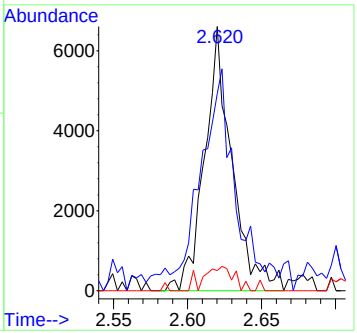


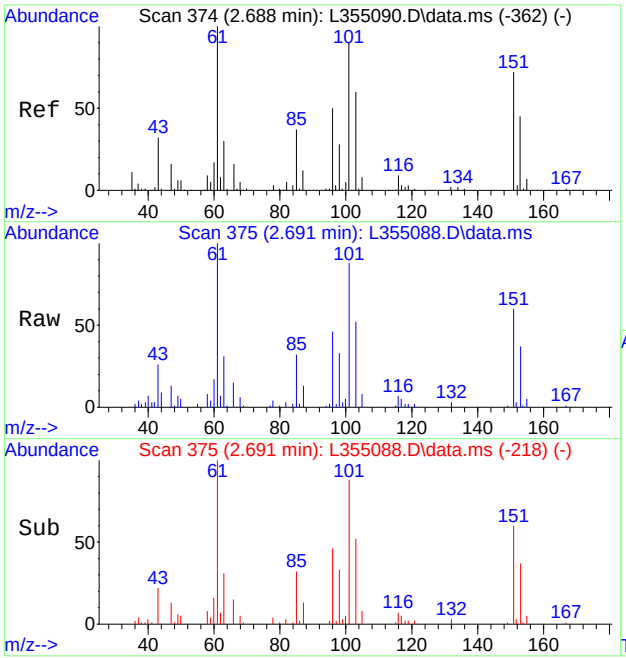


#15
acrolein
Concen: 6.99 ug/L
RT: 2.620 min Scan# 353
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 56 Resp: 8515

Ion	Ratio	Lower	Upper
56	100		
55	68.4	48.6	108.6
53	7.7	0.0	38.7

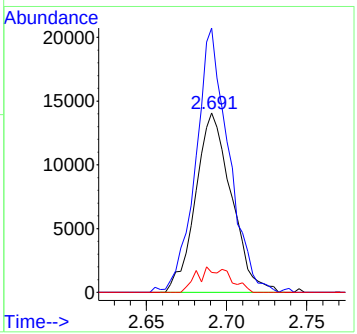


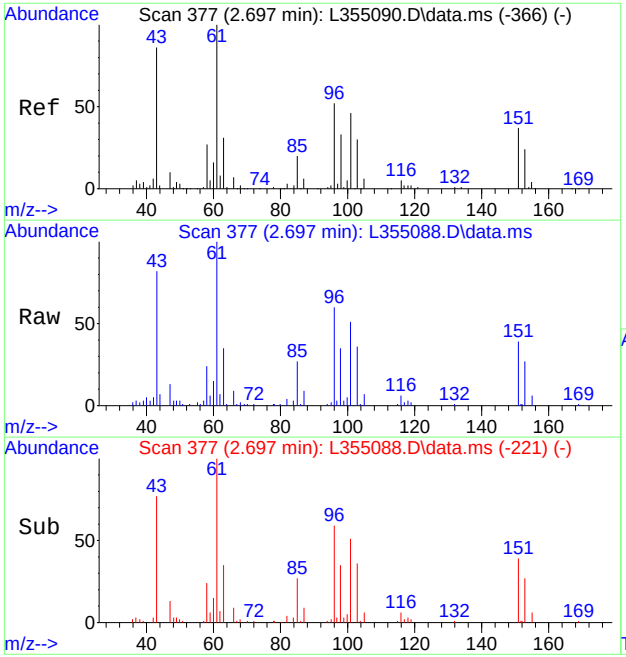


#16
freon 113
Concen: 7.34 ug/L
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:151 Resp: 21898

Ion	Ratio	Lower	Upper
151	100		
101	138.2	105.0	145.0
116	10.6	0.0	31.9

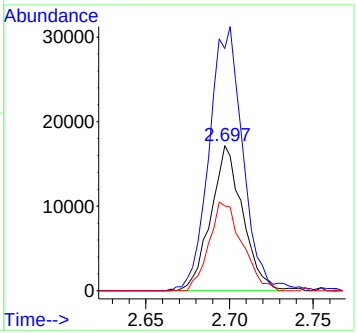


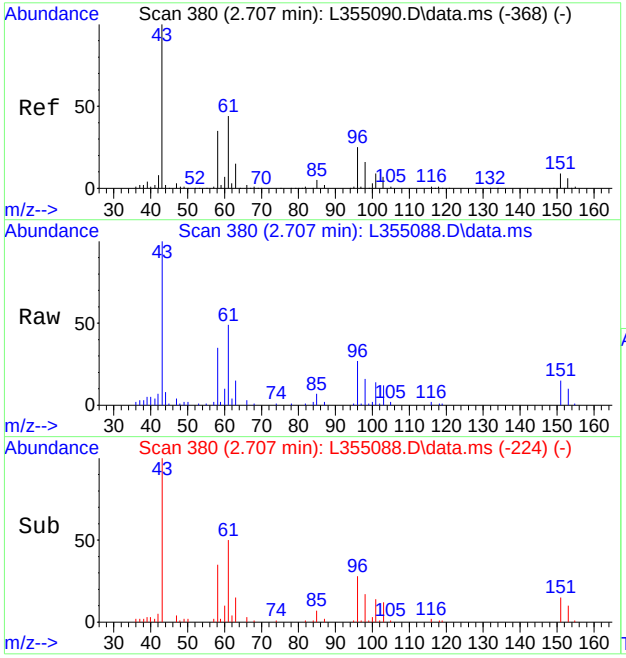


#17
1,1-dichloroethene
Concen: 7.96 ug/L
RT: 2.697 min Scan# 377
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 96 Resp: 22678

Ion	Ratio	Lower	Upper
96	100		
61	166.7	160.9	220.9
63	58.5	29.9	89.9

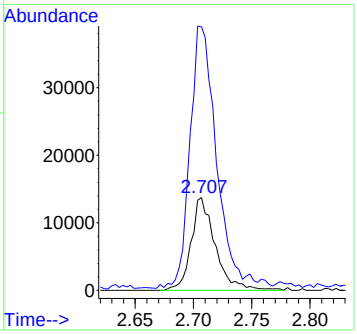


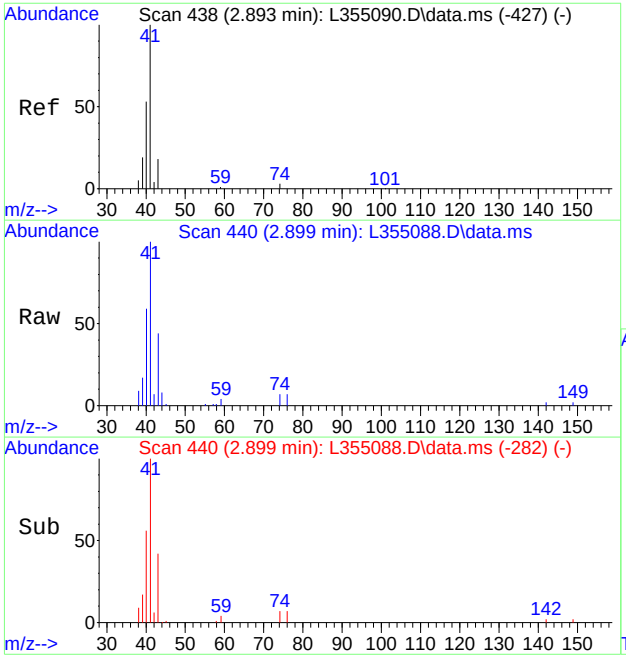


#18
acetone
Concen: 30.68 ug/L
RT: 2.707 min Scan# 380
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 58 Resp: 19851

Ion	Ratio	Lower	Upper
58	100		
43	277.7	253.7	313.7

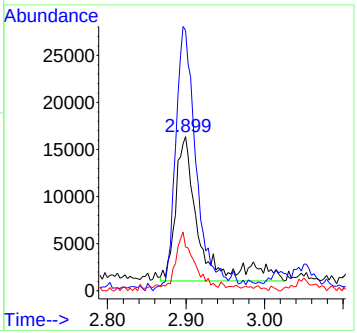


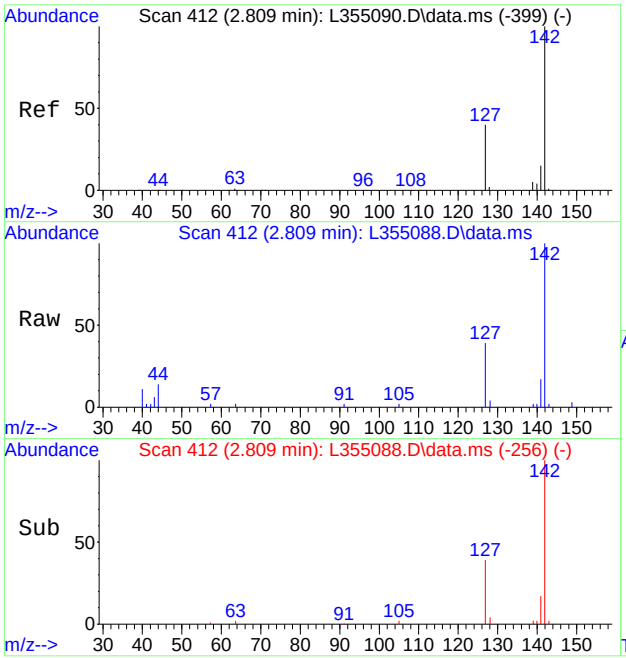


#19
acetonitrile
Concen: 87.92 ug/L
RT: 2.899 min Scan# 440
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 40 Resp: 31797

Ion	Ratio	Lower	Upper
40	100		
41	176.9	156.9	216.9
39	28.3	5.5	65.5

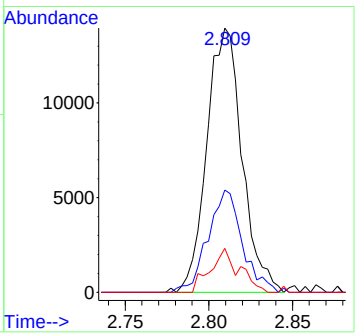


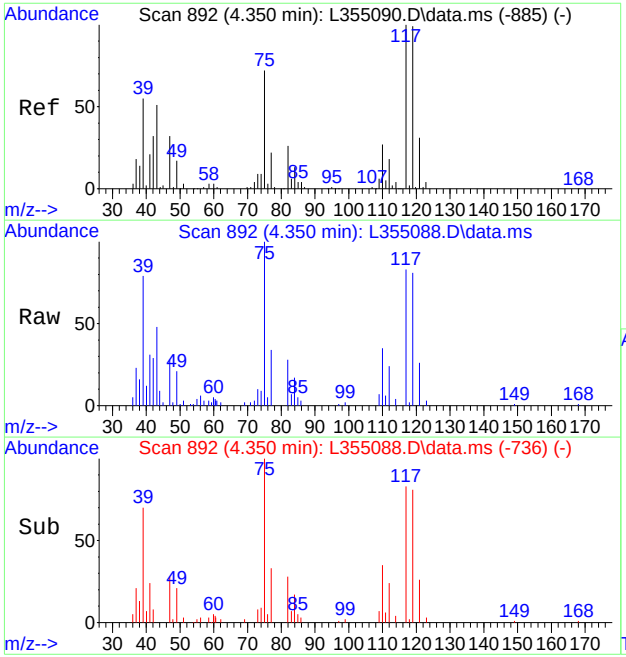


#20
iodomethane
Concen: 8.04 ug/L
RT: 2.809 min Scan# 412
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:142 Resp: 20445

Ion	Ratio	Lower	Upper
142	100		
127	38.7	9.8	69.8
141	16.7	0.0	45.4

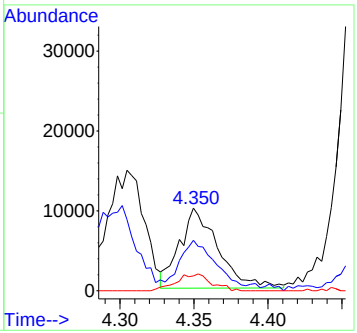


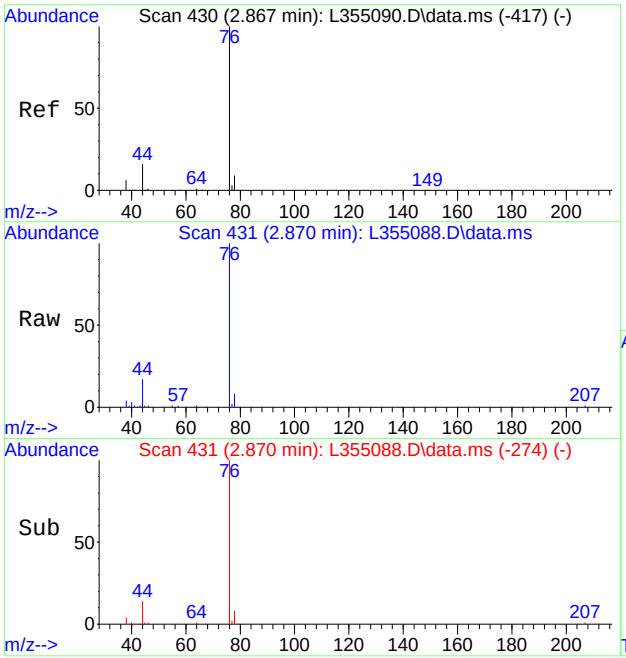


#21
iso-butyl alcohol
Concen: 76.44 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 43 Resp: 18167

Ion	Ratio	Lower	Upper
43	100		
42	65.4	26.5	86.5
74	19.4	0.0	48.2

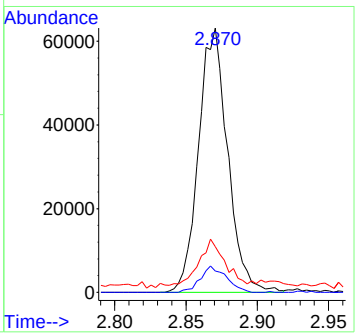


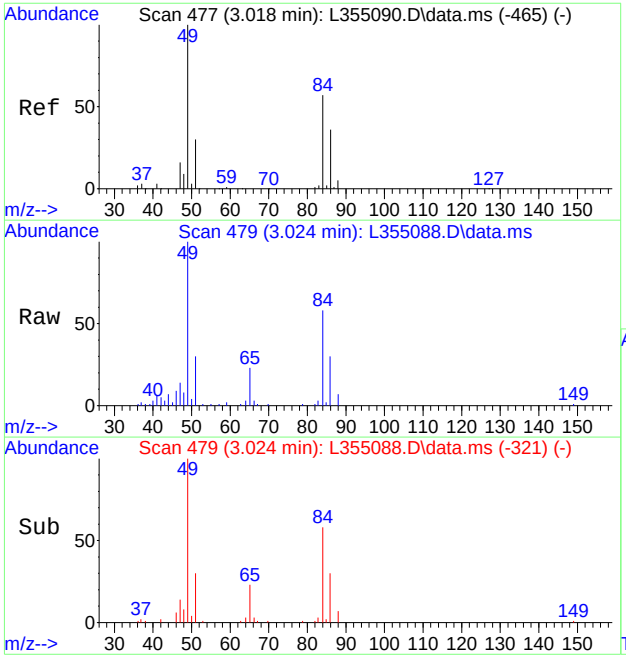


#22
carbon disulfide
Concen: 7.22 ug/L
RT: 2.870 min Scan# 431
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 76 Resp: 89700

Ion	Ratio	Lower	Upper
76	100		
78	8.0	0.0	39.1
44	14.0	0.0	45.8

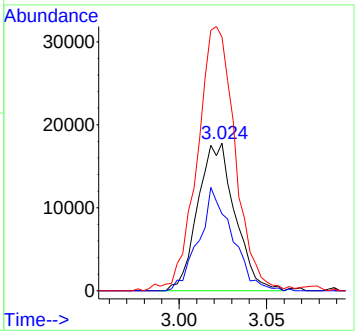


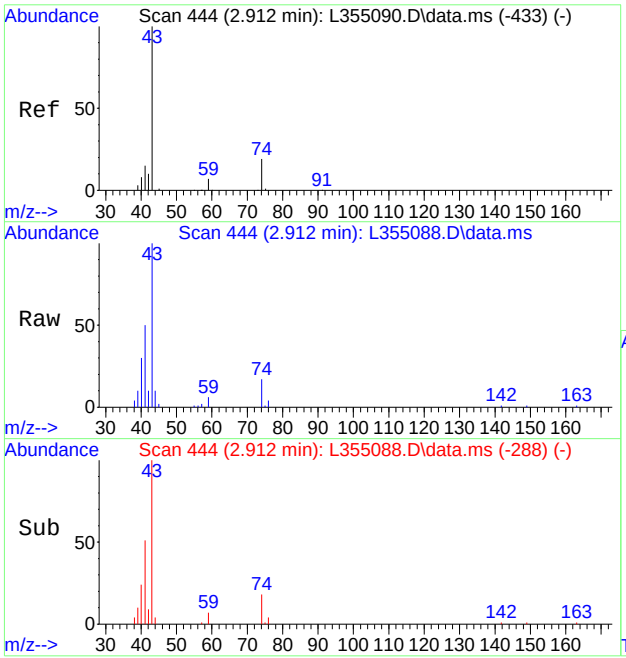


#23
methylene chloride
Concen: 7.41 ug/L
RT: 3.024 min Scan# 479
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 84 Resp: 26462

Ion	Ratio	Lower	Upper
84	100		
86	52.0	33.9	93.9
49	170.1	146.7	206.7

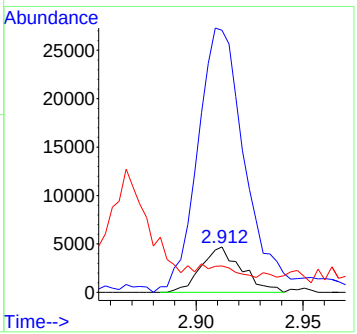


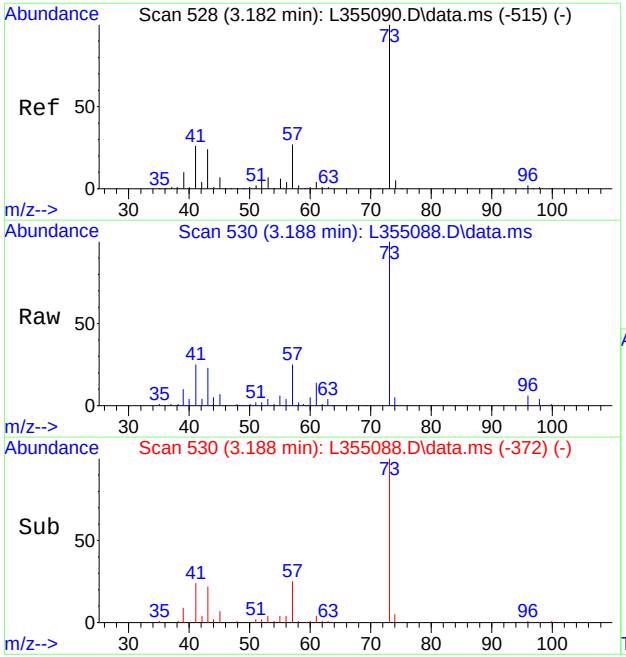


#24
methyl acetate
Concen: 6.82 ug/L
RT: 2.912 min Scan# 444
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 74 Resp: 6174

Ion	Ratio	Lower	Upper
74	100		
43	563.7	495.9	555.9#
44	21.5	0.0	47.9

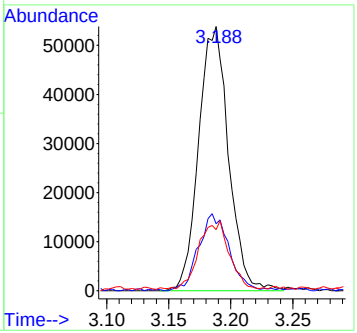


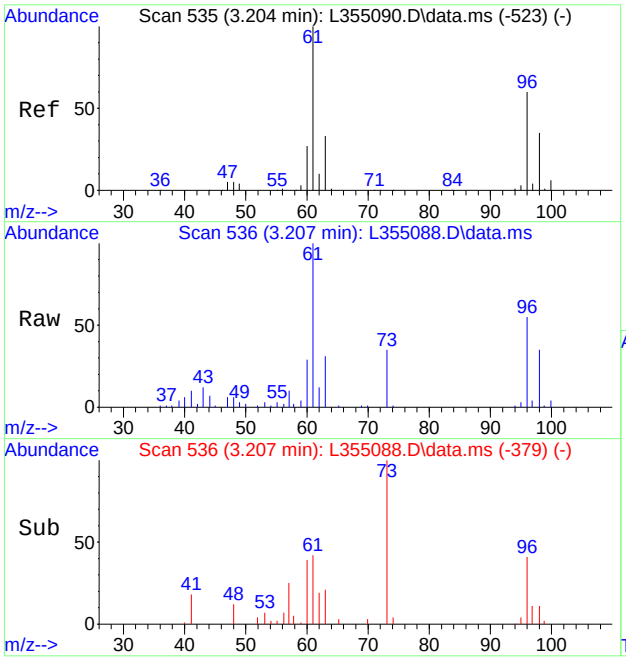


#25
methyl tert butyl ether
Concen: 7.89 ug/L
RT: 3.188 min Scan# 530
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 73 Resp: 90374

Ion	Ratio	Lower	Upper
73	100		
57	24.9	0.0	57.4
43	22.0	0.0	54.2

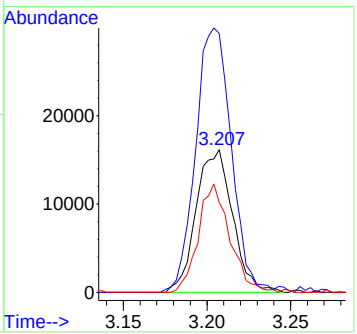


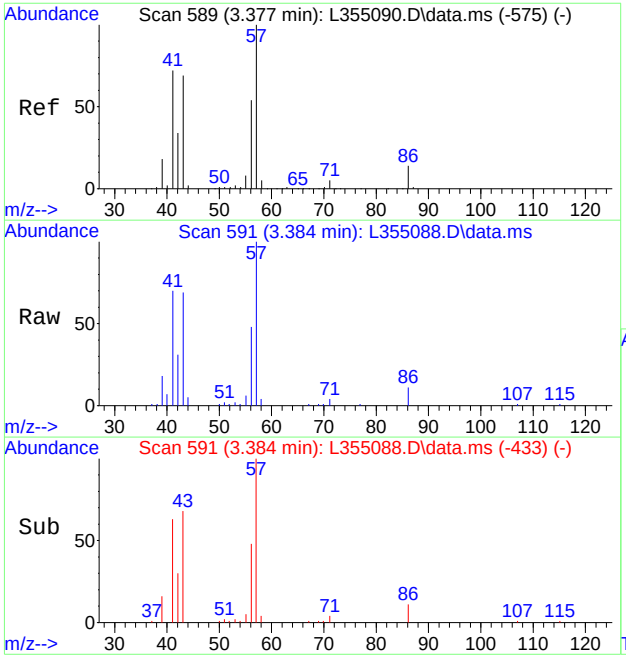


#26
trans-1,2-dichloroethene
Concen: 7.26 ug/L
RT: 3.207 min Scan# 536
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 96 Resp: 24441

Ion	Ratio	Lower	Upper
96	100		
61	181.5	136.4	196.4
98	63.2	28.2	88.2

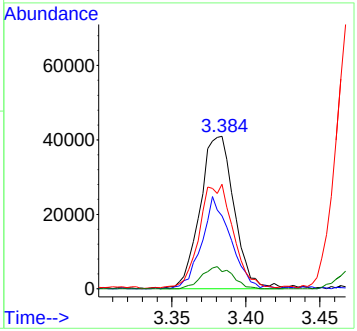


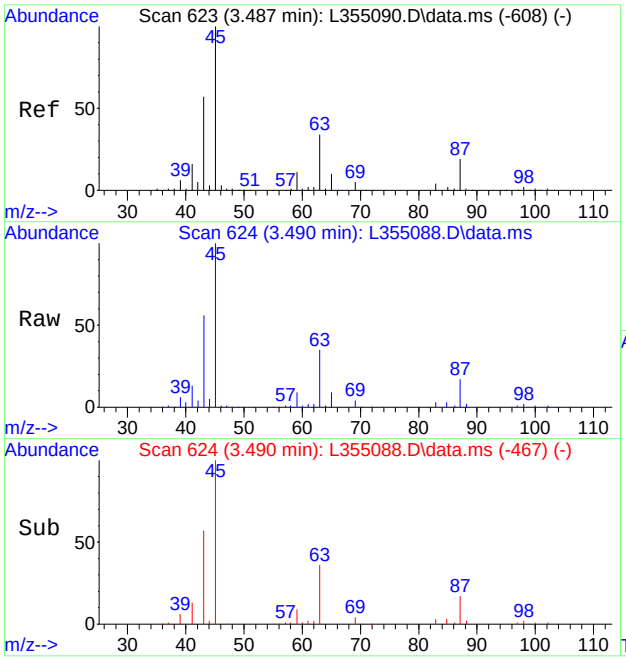


#27
hexane
Concen: 7.45 ug/L
RT: 3.384 min Scan# 591
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 57 Resp: 65404

Ion	Ratio	Lower	Upper
57	100		
56	47.9	33.8	73.8
43	68.0	49.1	89.1
86	11.3	0.0	34.3

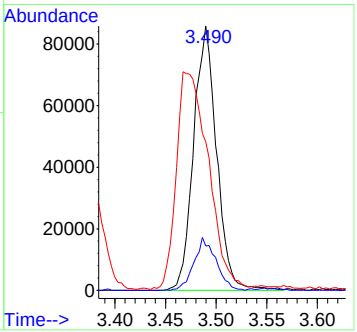


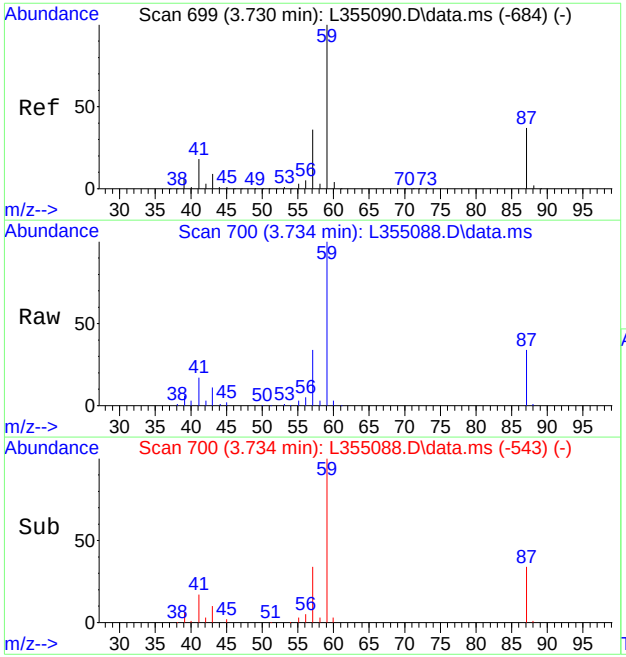


#28
di-isopropyl ether
Concen: 7.58 ug/L
RT: 3.490 min Scan# 624
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 45 Resp: 136023

Ion	Ratio	Lower	Upper
45	100		
87	16.8	0.0	49.3
43	54.7	27.4	87.4

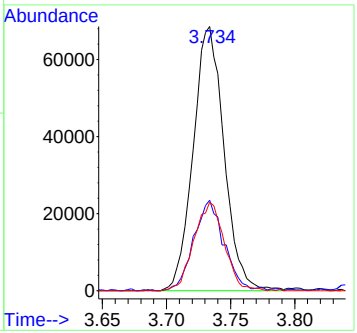


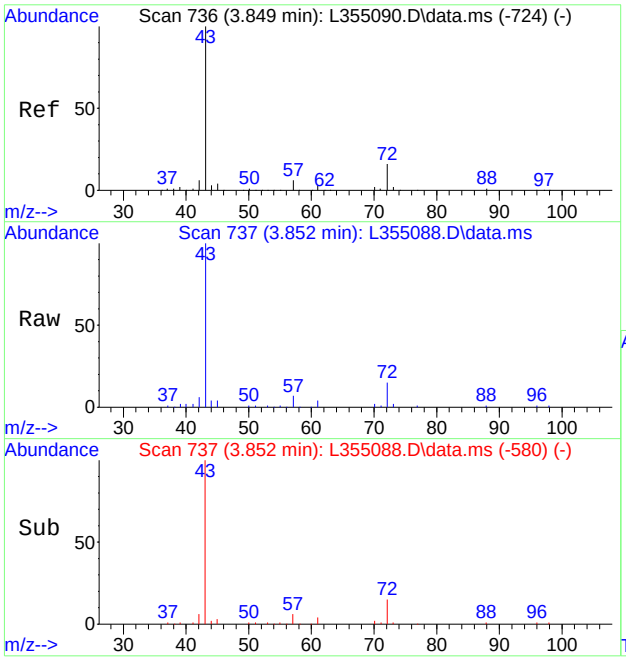


#29
ethyl tert-butyl ether
Concen: 7.87 ug/L
RT: 3.734 min Scan# 700
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 59 Resp: 115072

Ion	Ratio	Lower	Upper
59	100		
57	34.3	5.9	65.9
87	33.5	6.7	66.7

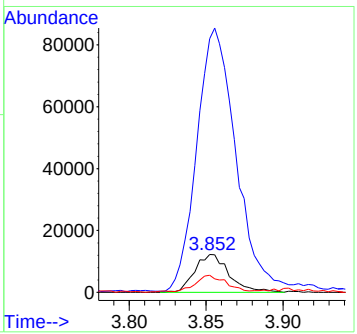


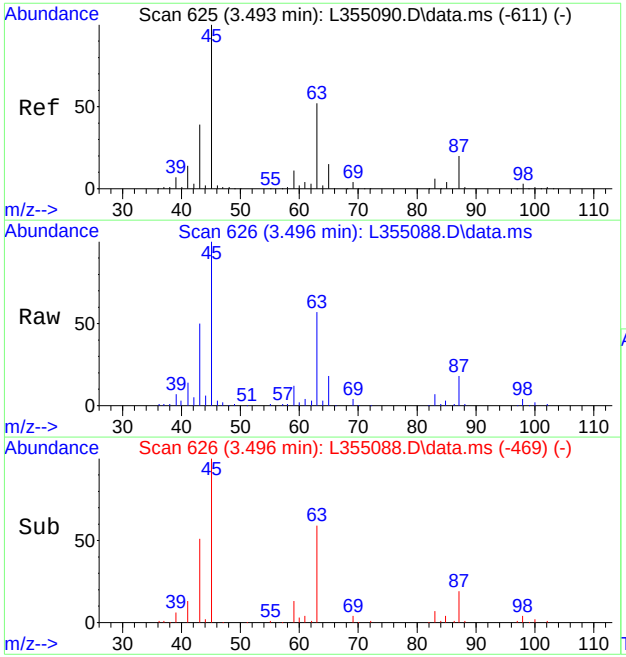


#30
2-butanone
Concen: 31.43 ug/L
RT: 3.852 min Scan# 737
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 72 Resp: 19069

Ion	Ratio	Lower	Upper
72	100		
43	666.6	604.7	664.7#
57	41.5	10.0	70.0

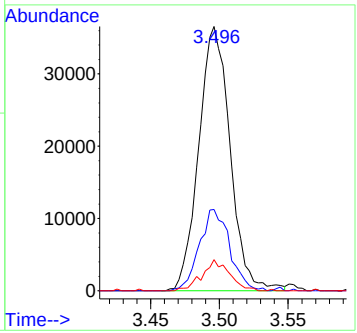


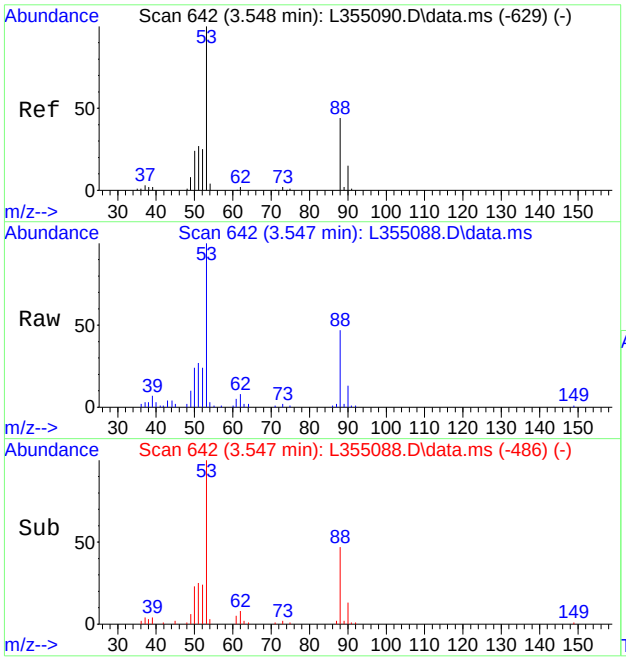


#31
1,1-dichloroethane
Concen: 7.72 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 63 Resp: 58121

Ion	Ratio	Lower	Upper
63	100		
65	30.7	0.0	59.0
83	11.8	0.0	41.4

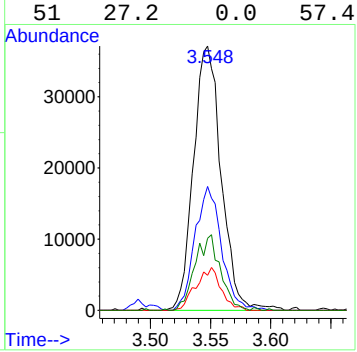


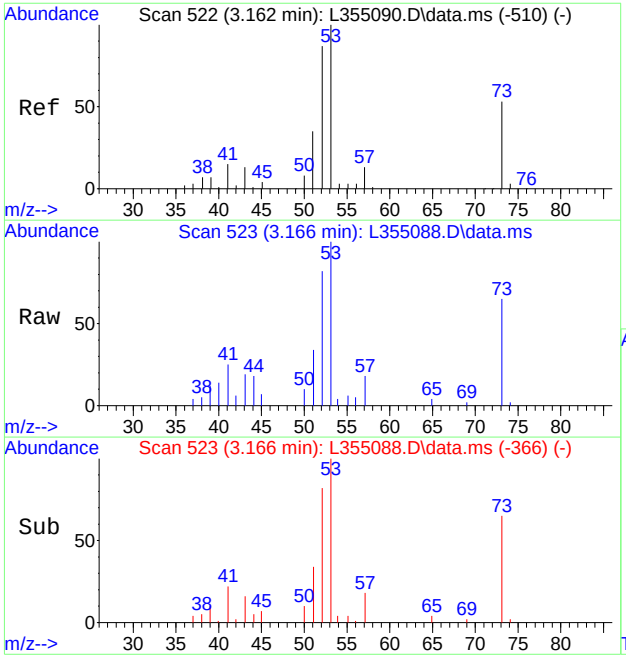


#32
chloroprene
Concen: 7.65 ug/L
RT: 3.547 min Scan# 642
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 53 Resp: 59689

Ion	Ratio	Lower	Upper
53	100		
88	46.9	14.5	74.5
90	13.3	0.0	45.2
51	27.2	0.0	57.4

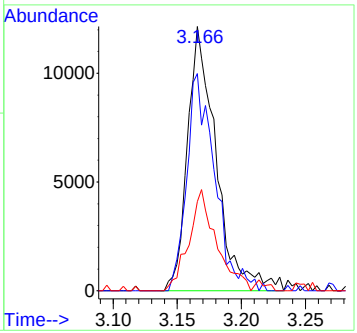


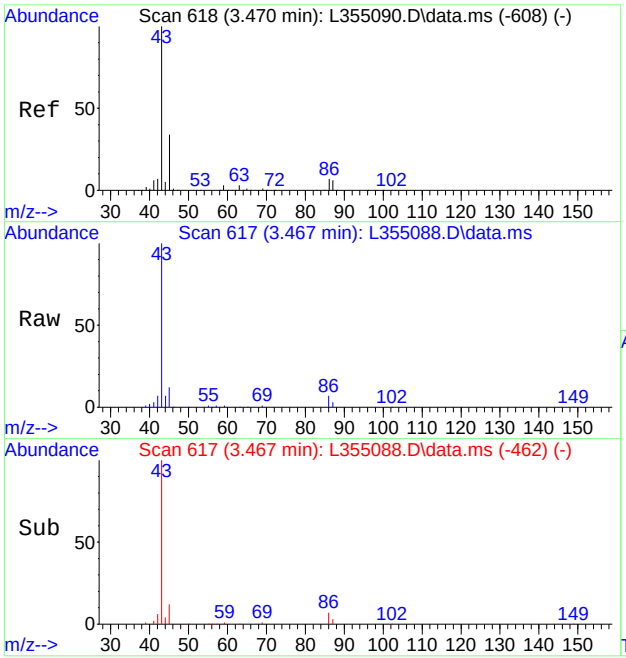


#33
acrylonitrile
Concen: 7.69 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 53 Resp: 18943

Ion	Ratio	Lower	Upper
53	100		
52	82.2	57.3	117.3
51	33.7	5.3	65.3

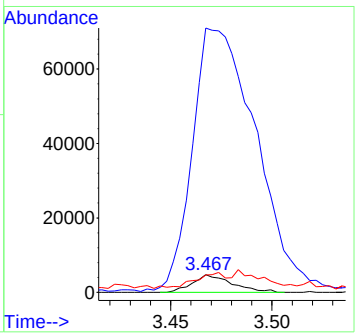


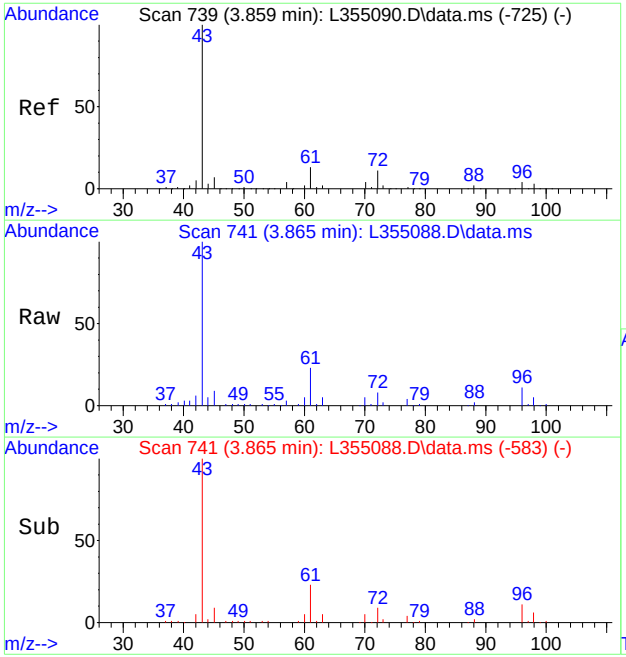


#34
vinyl acetate
Concen: 7.97 ug/L
RT: 3.467 min Scan# 617
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 86 Resp: 6467

Ion	Ratio	Lower	Upper
86	100		
43	1453.6	1461.6	1521.6#
44	60.6	45.2	105.2

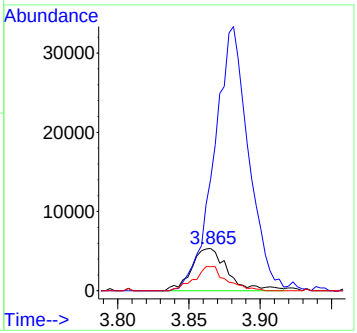


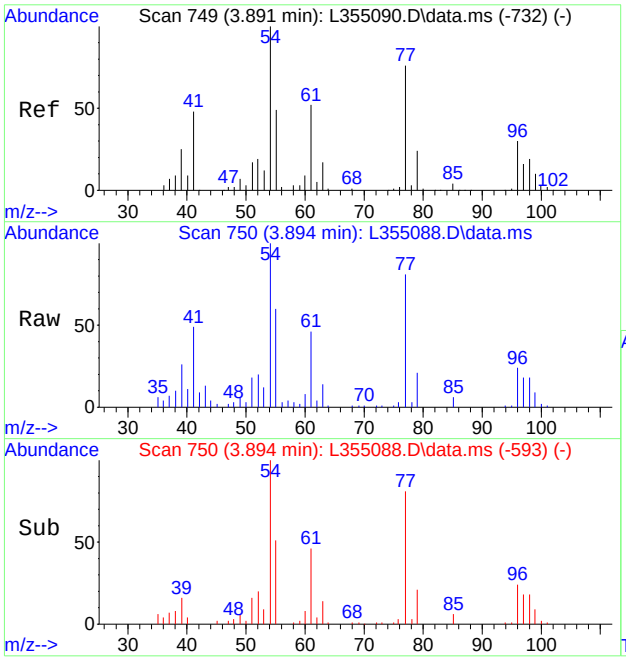


#35
ethyl acetate
Concen: 9.15 ug/L
RT: 3.865 min Scan# 741
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 45 Resp: 9460

Ion	Ratio	Lower	Upper
45	100		
61	261.5	146.7	206.7#
70	56.7	27.4	87.4

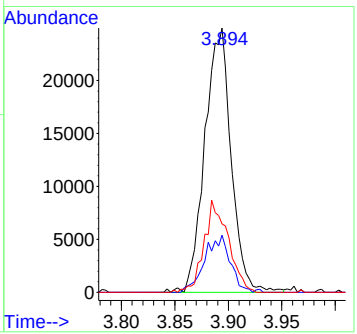


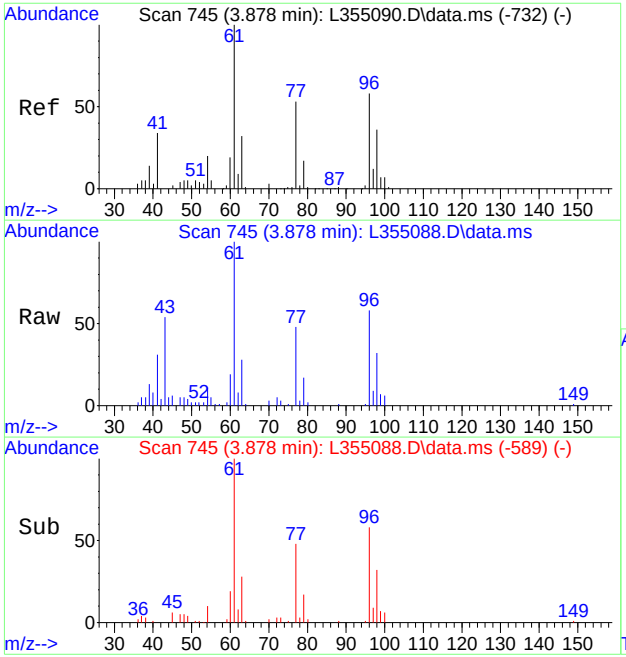


#36
2,2-dichloropropane
Concen: 7.48 ug/L
RT: 3.894 min Scan# 750
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 77 Resp: 42767

Ion	Ratio	Lower	Upper
77	100		
97	21.6	0.0	51.0
79	25.9	1.4	61.4

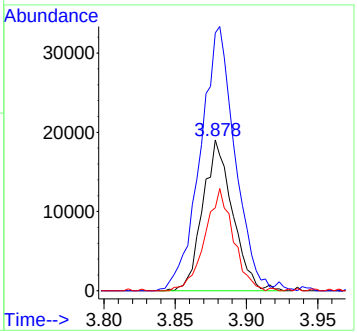


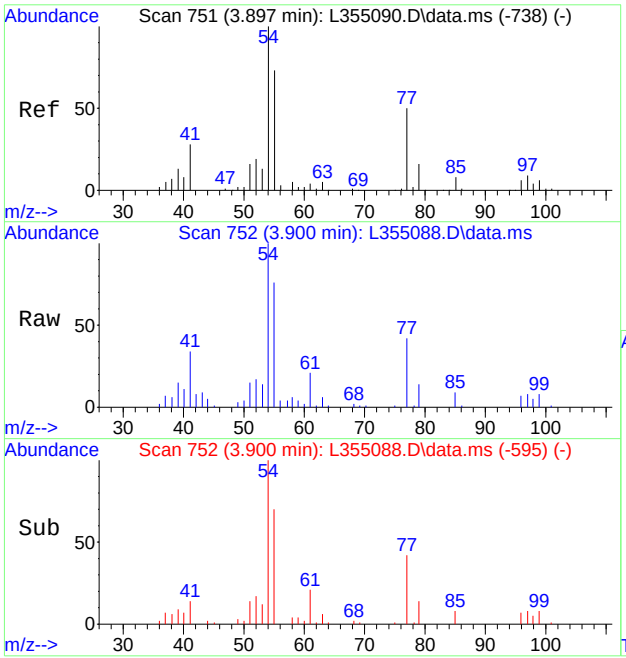


#37
cis-1,2-dichloroethene
Concen: 7.61 ug/L
RT: 3.878 min Scan# 745
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 96 Resp: 27626

Ion	Ratio	Lower	Upper
96	100		
61	169.8	141.8	201.8
98	55.0	32.2	92.2

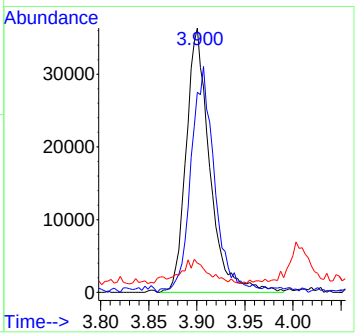


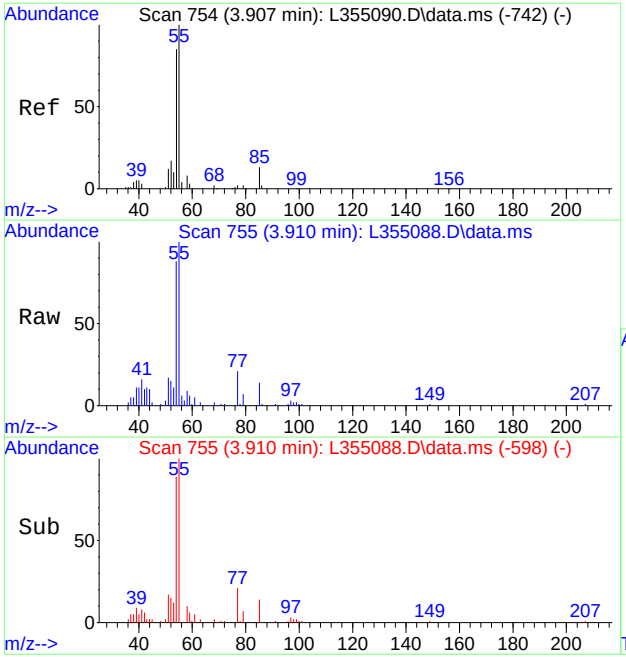


#38
propionitrile
Concen: 73.73 ug/L
RT: 3.900 min Scan# 752
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 54 Resp: 62102

Ion	Ratio	Lower	Upper
54	100		
55	74.4	43.2	103.2
40	5.6	0.0	38.0

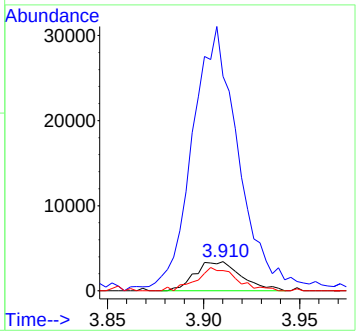


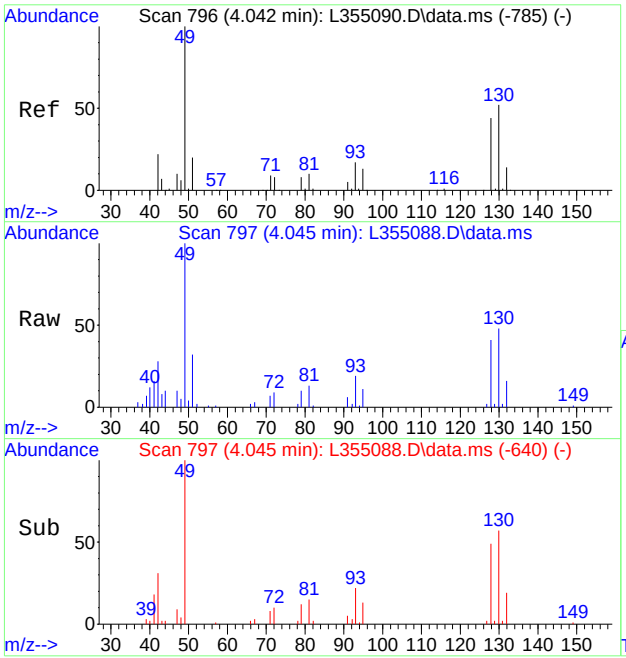


#39
methyl acrylate
Concen: 8.46 ug/L
RT: 3.910 min Scan# 755
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 85 Resp: 5736

Ion	Ratio	Lower	Upper
85	100		
55	693.2	762.7	802.7#
58	69.2	40.5	80.5

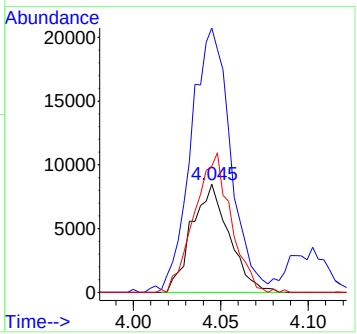


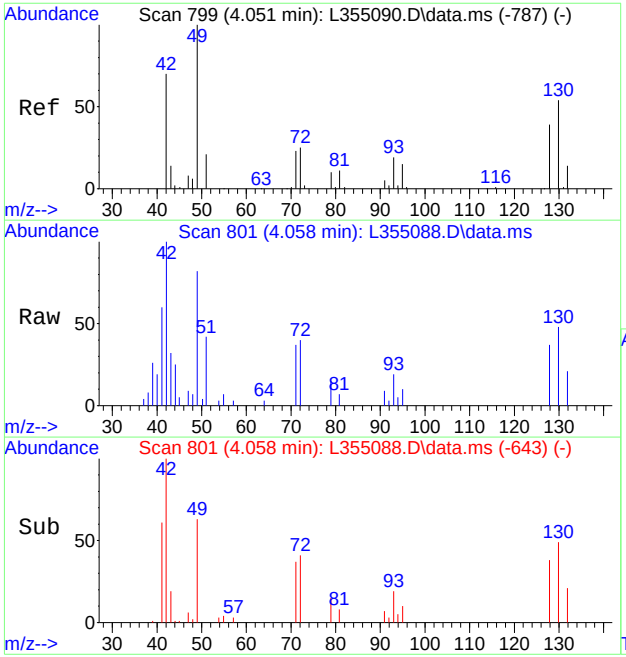


#40
bromochloromethane
Concen: 7.81 ug/L
RT: 4.045 min Scan# 797
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:128 Resp: 12644

Ion	Ratio	Lower	Upper
128	100		
49	242.0	196.9	256.9
130	114.2	87.7	147.7

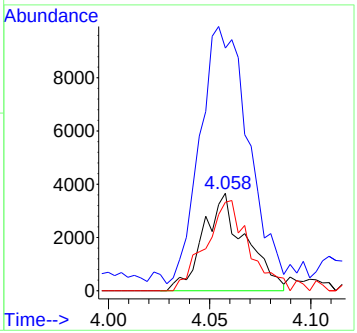


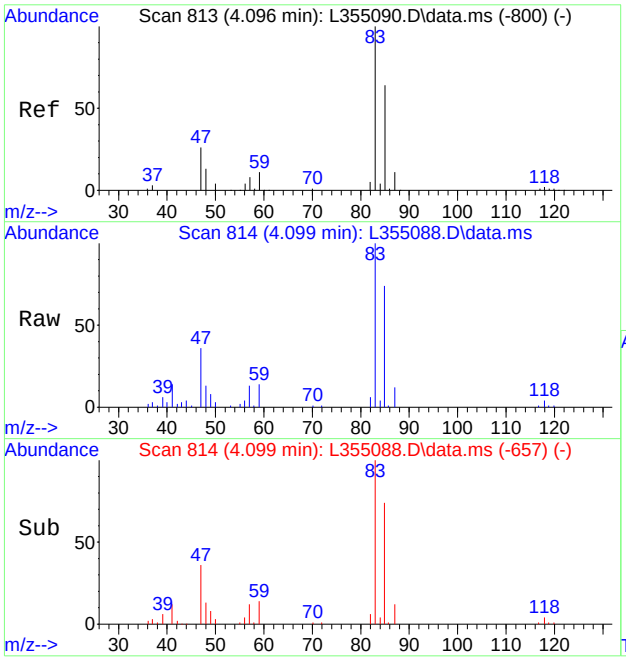


#41
tetrahydrofuran
Concen: 7.50 ug/L
RT: 4.058 min Scan# 801
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 72 Resp: 5334

Ion	Ratio	Lower	Upper
72	100		
42	232.3	246.3	306.3#
71	90.9	61.6	121.6

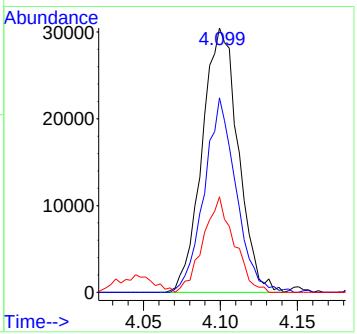


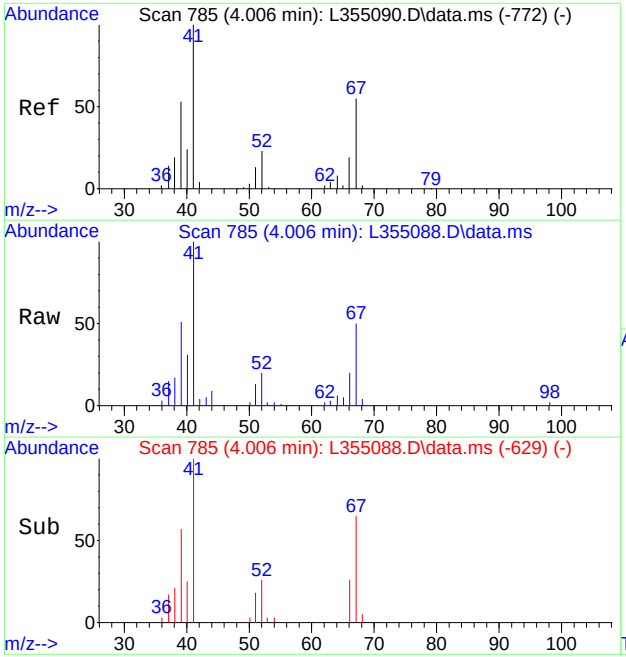


#42
chloroform
Concen: 7.36 ug/L
RT: 4.099 min Scan# 814
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 83 Resp: 49632

Ion	Ratio	Lower	Upper
83	100		
85	74.5	34.3	94.3
47	36.1	0.0	59.3

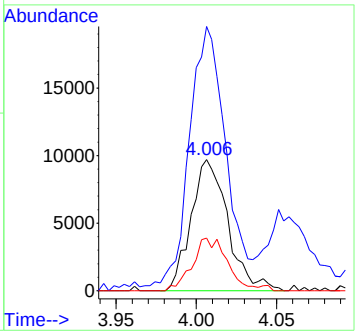


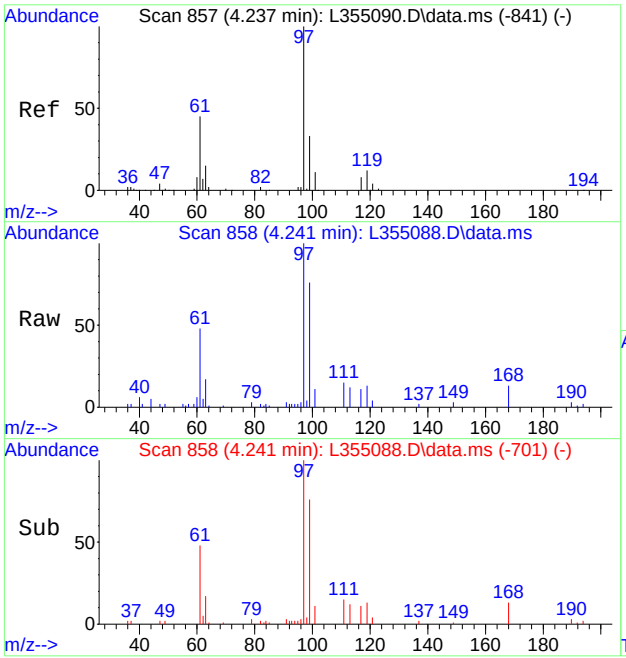


#44
methacrylonitrile
Concen: 7.17 ug/L
RT: 4.006 min Scan# 785
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 67 Resp: 15521

Ion	Ratio	Lower	Upper
67	100		
41	195.6	150.2	210.2
66	40.2	3.6	63.6

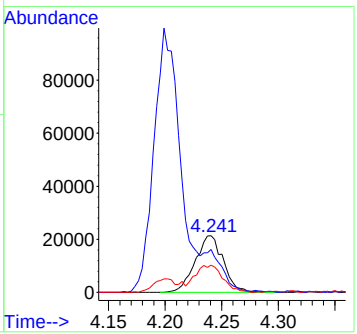


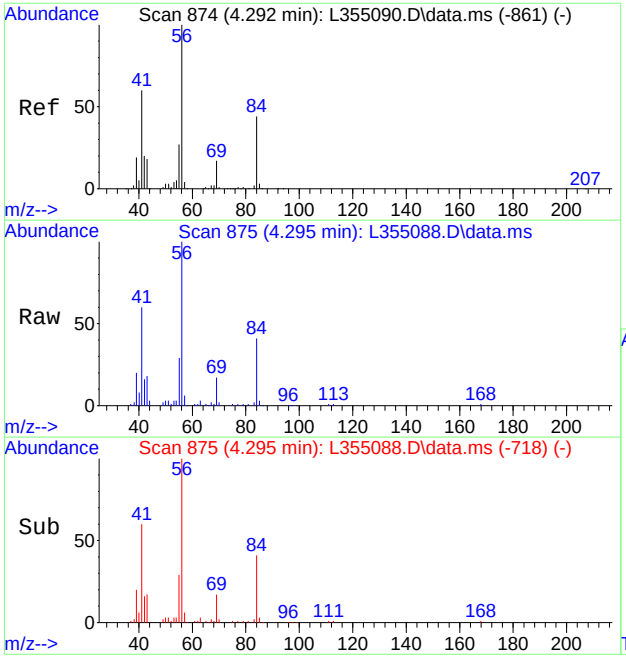


#45
1,1,1-trichloroethane
Concen: 7.71 ug/L
RT: 4.241 min Scan# 858
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 97 Resp: 36980

Ion	Ratio	Lower	Upper
97	100		
99	75.7	33.3	93.3
61	46.6	14.9	74.9

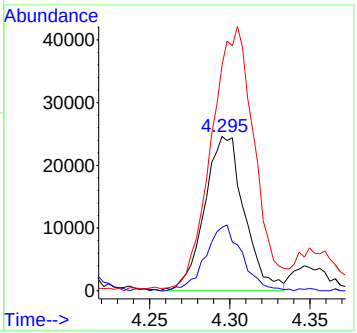


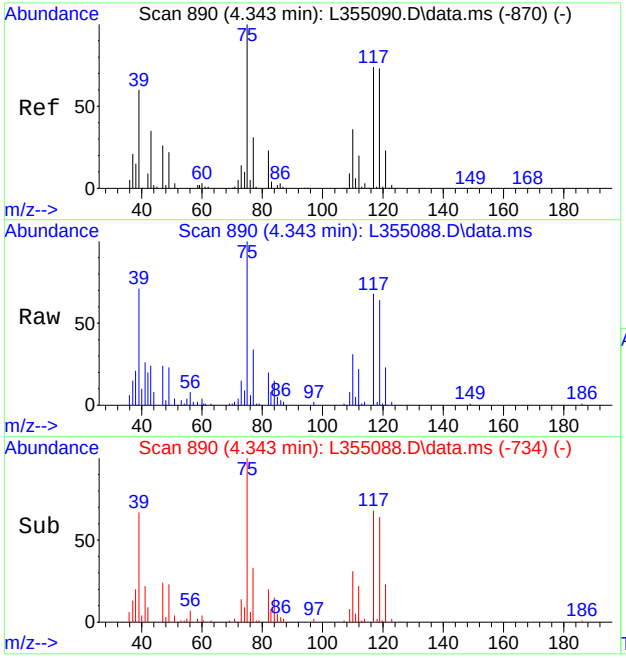


#46
cyclohexane
Concen: 7.90 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 84 Resp: 42421

Ion	Ratio	Lower	Upper
84	100		
69	41.0	17.8	57.8
41	144.4	116.7	156.7

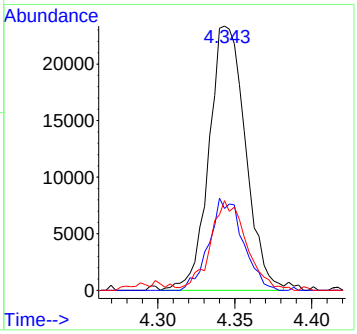


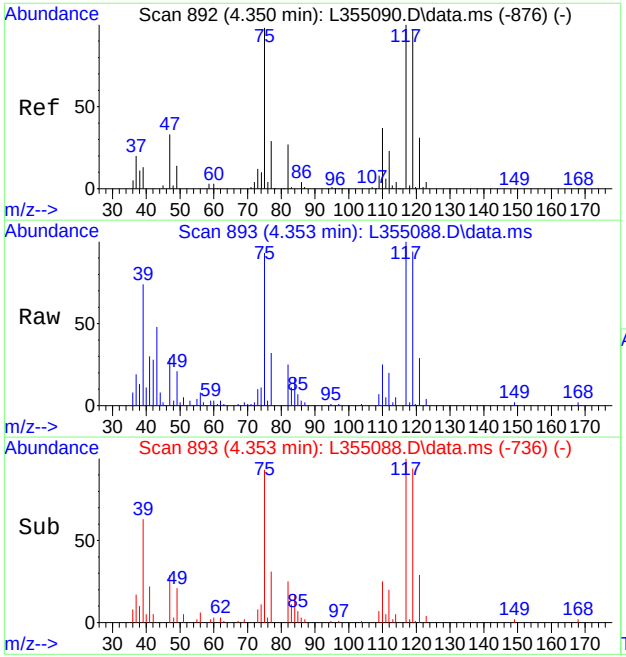


#47
1,1-dichloropropene
Concen: 8.17 ug/L
RT: 4.343 min Scan# 890
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 75 Resp: 38439

Ion	Ratio	Lower	Upper
75	100		
110	30.9	15.8	55.8
77	32.8	11.6	51.6

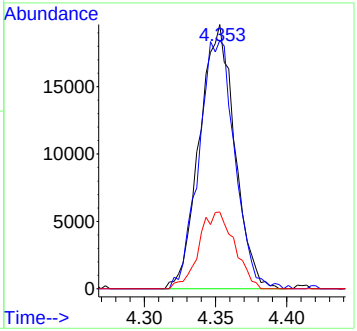


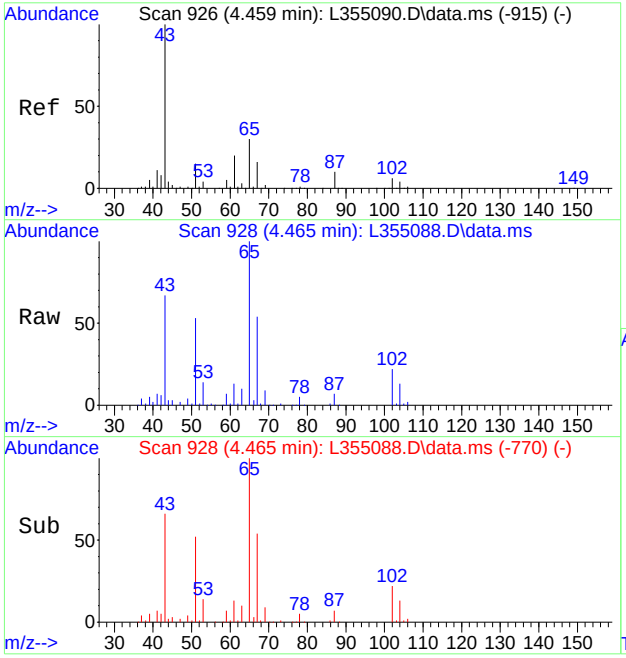


#48
carbon tetrachloride
Concen: 7.75 ug/L
RT: 4.353 min Scan# 893
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:117 Resp: 33780

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	117.1
121	29.0	11.1	51.1

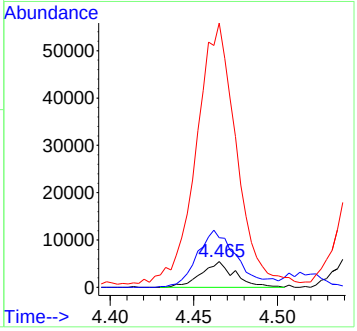


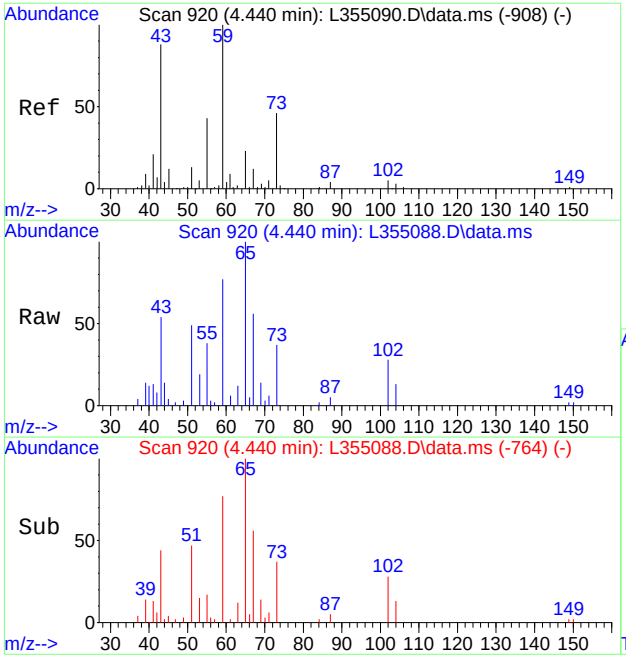


#49
isopropyl acetate
Concen: 7.78 ug/L
RT: 4.465 min Scan# 928
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 87 Resp: 7678

Ion	Ratio	Lower	Upper
87	100		
61	188.6	185.6	225.6
43	983.4	1029.1	1089.1#

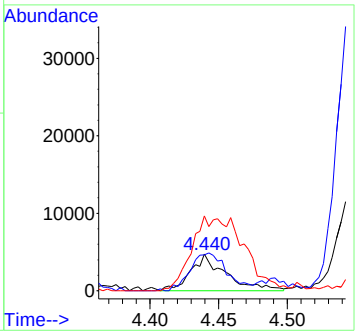


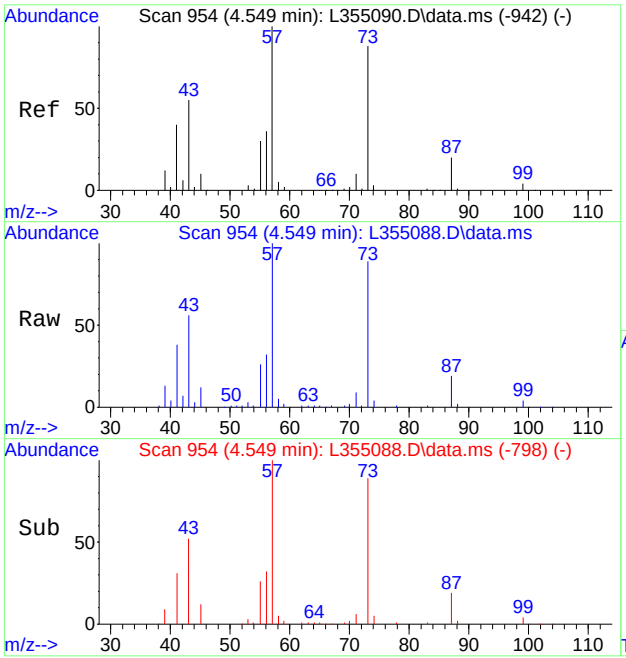


#50
tert amyl alcohol
Concen: 39.14 ug/L
RT: 4.440 min Scan# 920
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 55 Resp: 8396

Ion	Ratio	Lower	Upper
55	100		
73	91.6	87.0	127.0
59	203.2	211.2	251.2#

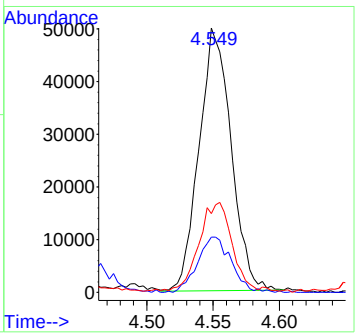


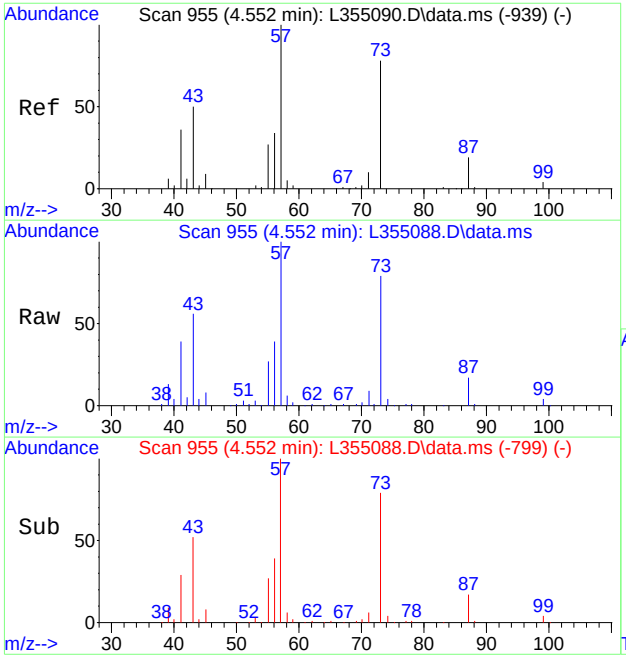


#53
tert-amyl methyl ether
Concen: 7.37 ug/L
RT: 4.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 73 Resp: 83751

Ion	Ratio	Lower	Upper
73	100		
87	21.1	2.5	42.5
55	29.4	14.1	54.1

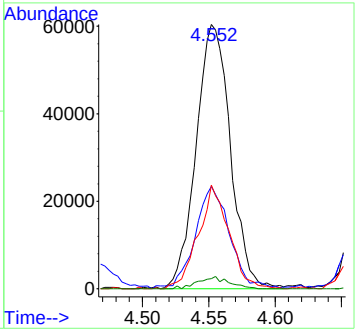


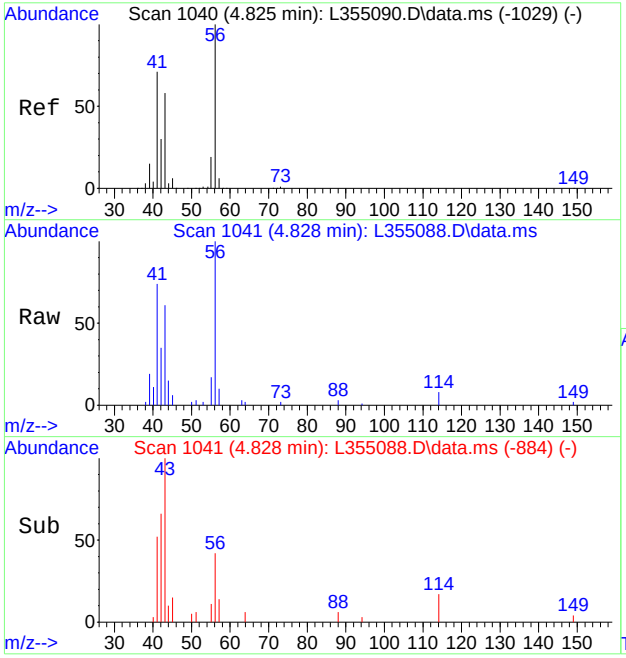


#54
2,2,4-trimethylpentane
Concen: 7.32 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 57 Resp: 108506

Ion	Ratio	Lower	Upper
57	100		
41	38.1	15.5	55.5
56	39.3	14.0	54.0
99	3.9	0.0	24.5

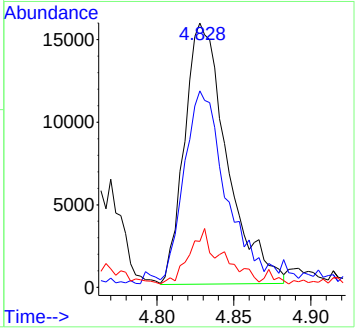


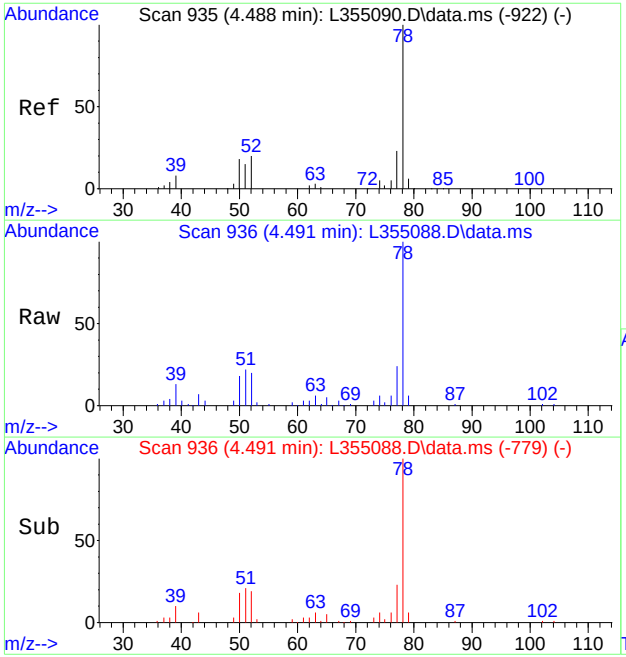


#55
n-butyl alcohol
Concen: 297.44 ug/L
RT: 4.828 min Scan# 1041
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 56 Resp: 30279

Ion	Ratio	Lower	Upper
56	100		
41	72.5	40.6	100.6
55	16.4	0.0	48.8

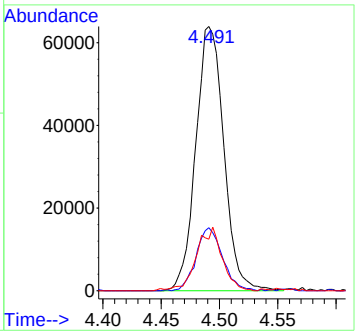


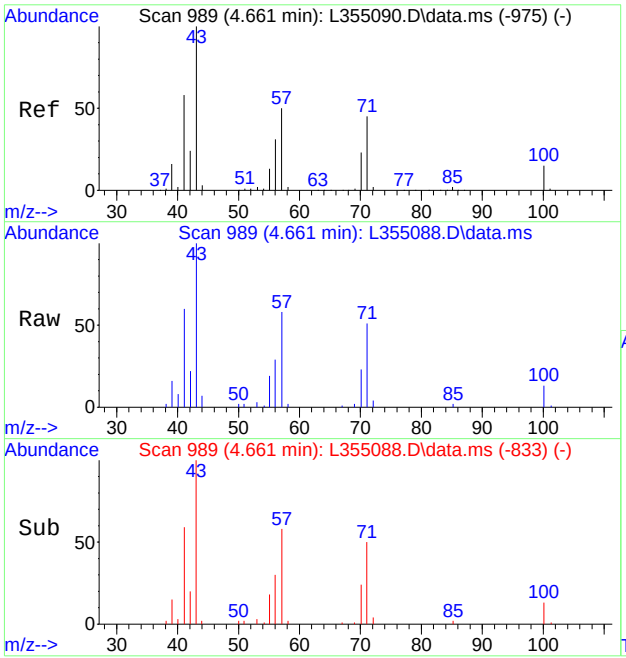


#56
benzene
Concen: 7.60 ug/L
RT: 4.491 min Scan# 936
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 78 Resp: 107418

Ion	Ratio	Lower	Upper
78	100		
77	23.9	0.0	53.0
52	19.1	0.0	50.0

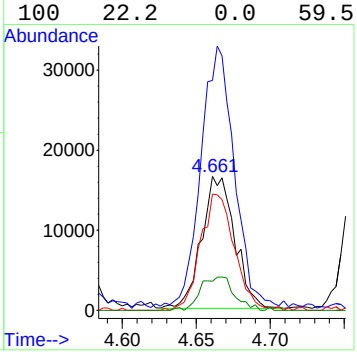


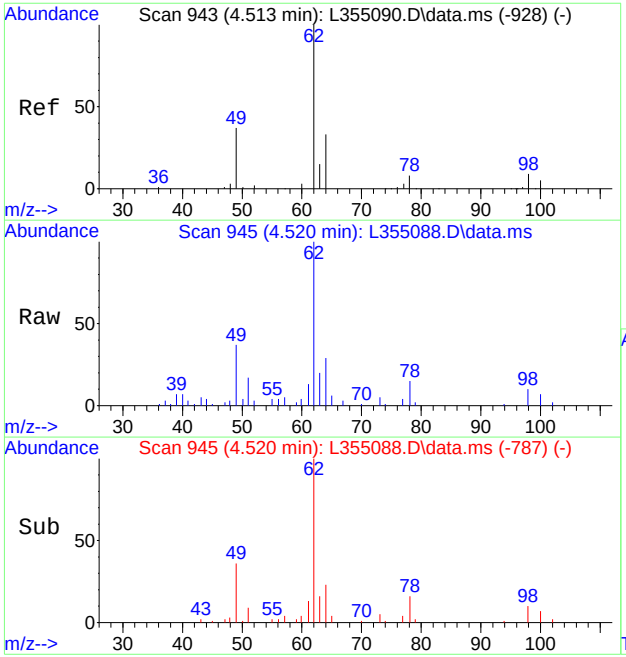


#57
heptane
Concen: 7.55 ug/L
RT: 4.661 min Scan# 989
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 57 Resp: 25603

Ion	Ratio	Lower	Upper
57	100		
43	170.9	170.1	230.1
71	88.2	59.7	119.7
100	22.2	0.0	59.5

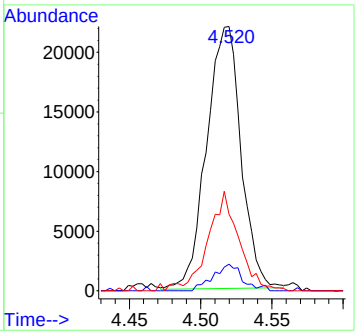


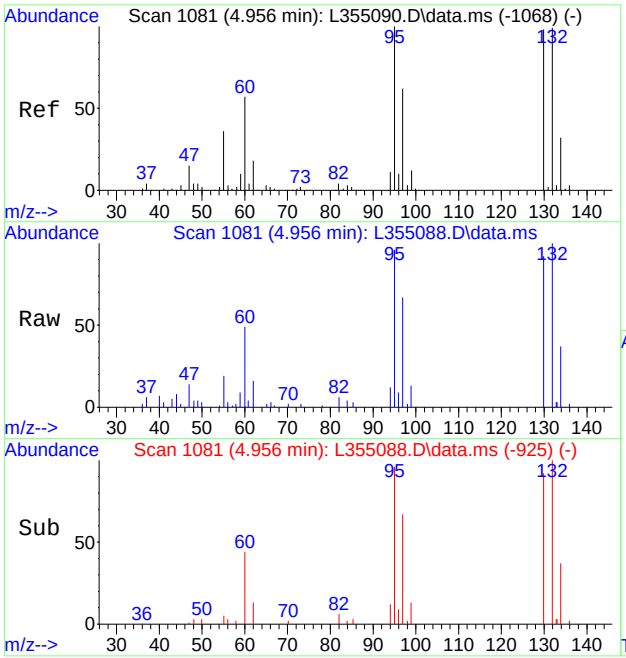


#58
1,2-dichloroethane
Concen: 7.02 ug/L
RT: 4.520 min Scan# 945
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 62 Resp: 36996

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	39.1
64	28.3	2.9	62.9

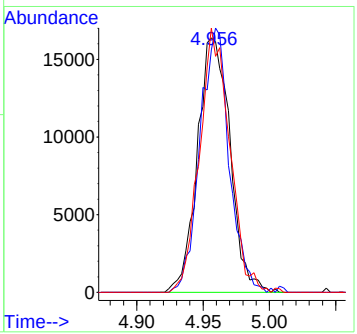


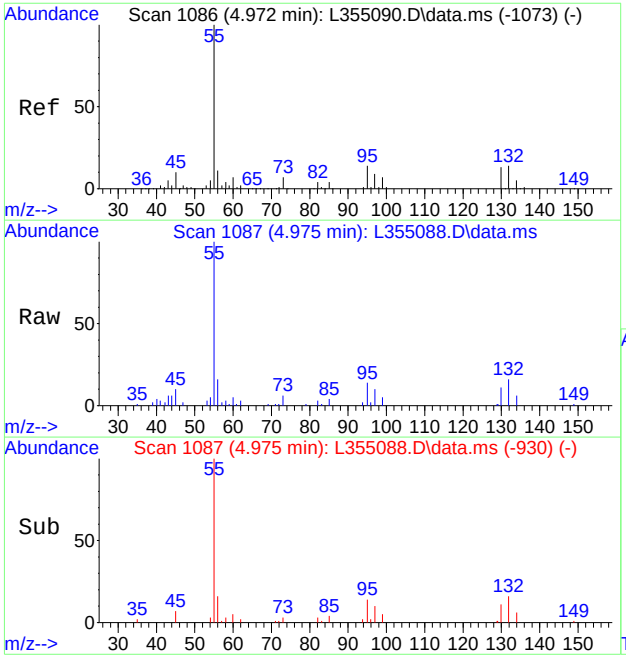


#59
trichloroethene
Concen: 7.79 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 95 Resp: 28065

Ion	Ratio	Lower	Upper
95	100		
130	95.3	68.4	128.4
132	103.8	68.7	128.7

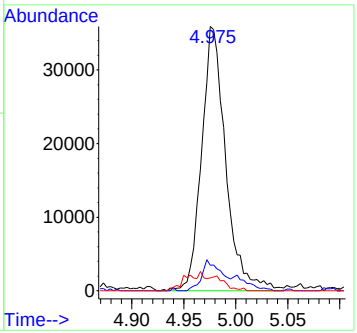


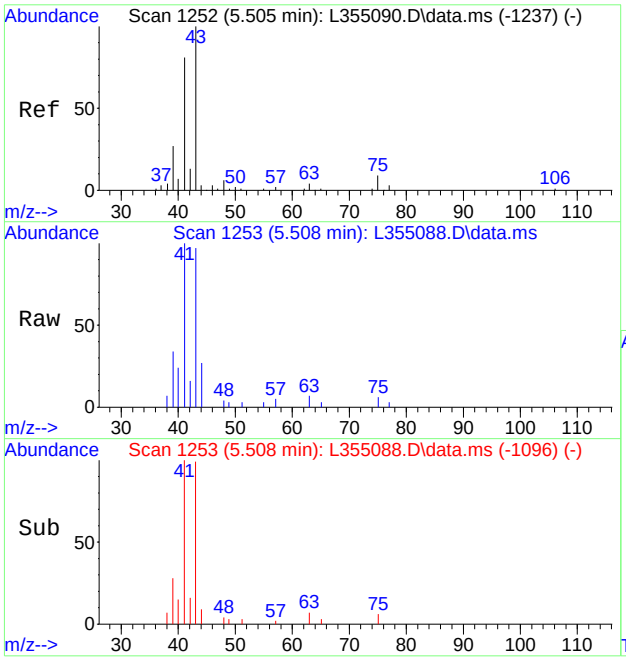


#60
ethyl acrylate
Concen: 7.62 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 55 Resp: 58109

Ion	Ratio	Lower	Upper
55	100		
45	9.7	0.0	30.3
99	4.9	0.0	27.2

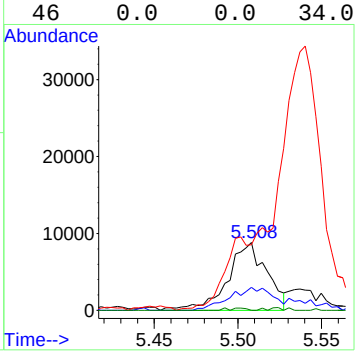


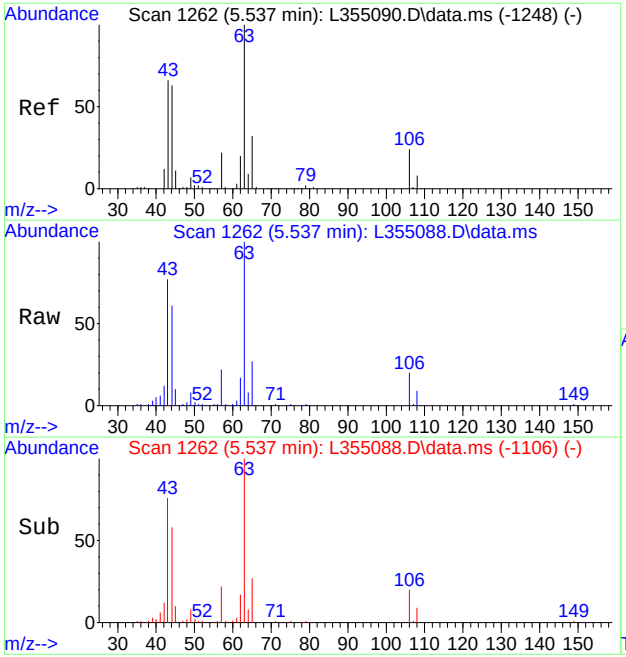


#61
2-nitropropane
Concen: 8.03 ug/L
RT: 5.508 min Scan# 1253
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 41 Resp: 14293

Ion	Ratio	Lower	Upper
41	100		
39	33.9	3.7	63.7
43	90.2	92.8	152.8#
46	0.0	0.0	34.0

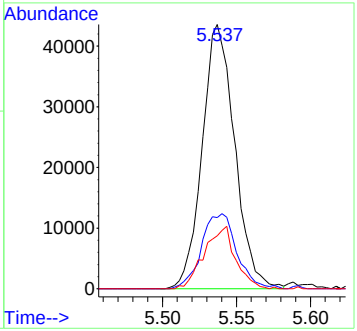


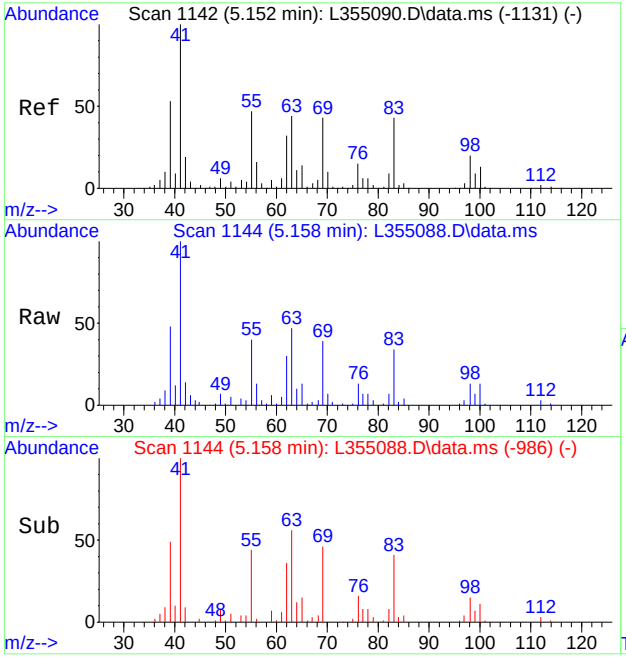


#62
2-chloroethyl vinyl ether
Concen: 40.01 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 63 Resp: 66462

Ion	Ratio	Lower	Upper
63	100		
65	26.9	2.0	62.0
106	20.0	0.0	53.7

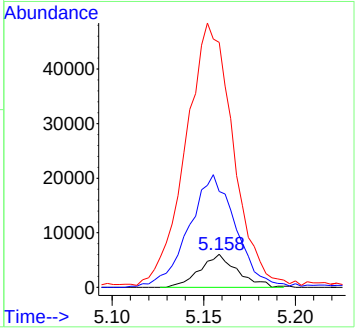


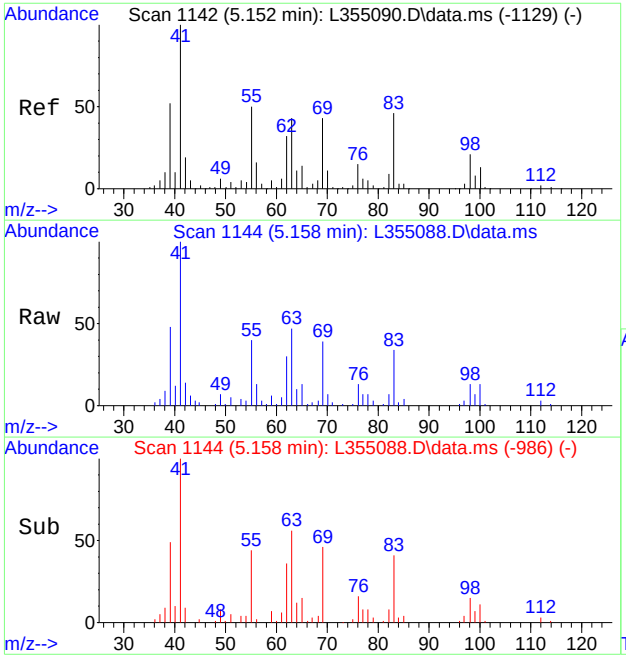


#63
methyl methacrylate
Concen: 7.78 ug/L
RT: 5.158 min Scan# 1144
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:100 Resp: 8655

Ion	Ratio	Lower	Upper
100	100		
69	278.6	303.9	363.9#
41	718.8	748.3	808.3#

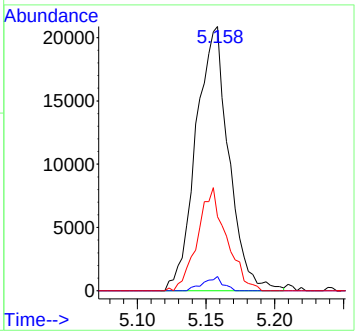


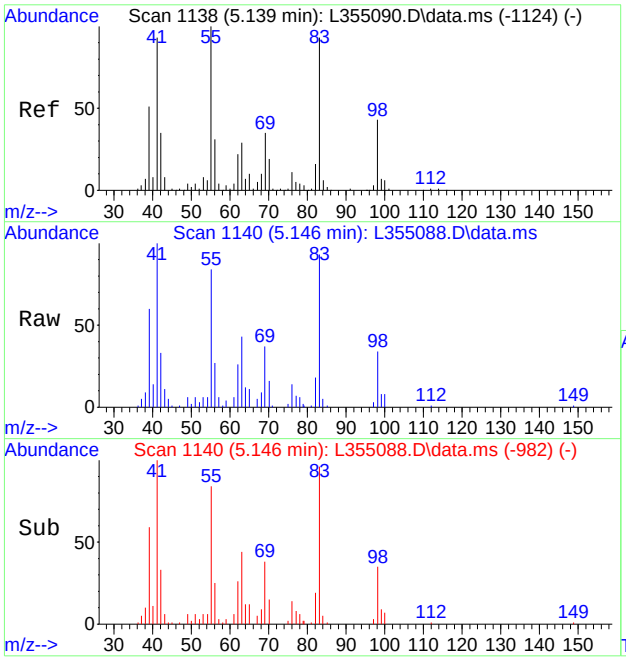


#64
1,2-dichloropropane
Concen: 7.71 ug/L
RT: 5.158 min Scan# 1144
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 63 Resp: 34742

Ion	Ratio	Lower	Upper
63	100		
112	5.4	0.0	33.9
76	28.0	3.9	63.9

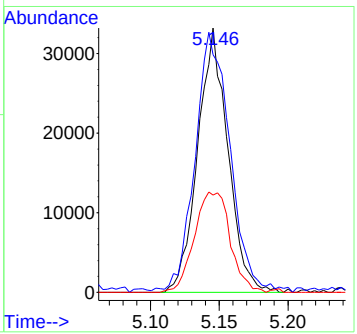


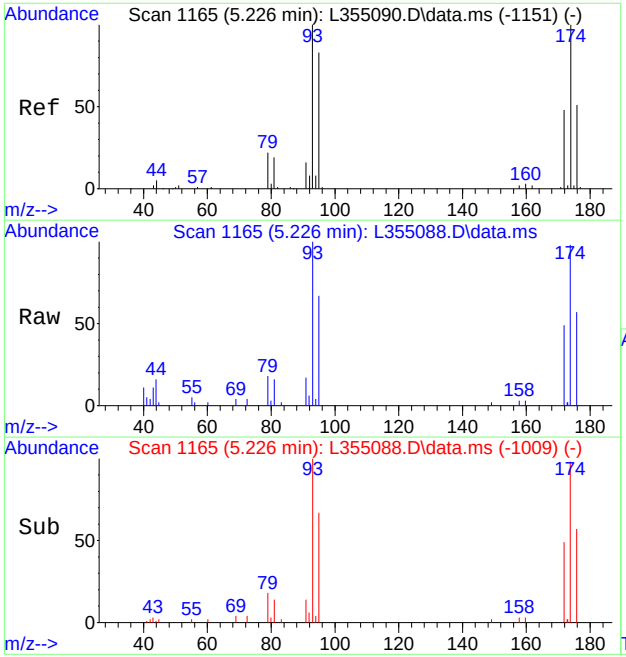


#65
methylcyclohexane
Concen: 7.54 ug/L
RT: 5.146 min Scan# 1140
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 83 Resp: 50791

Ion	Ratio	Lower	Upper
83	100		
55	88.6	77.0	137.0
98	36.8	16.0	76.0

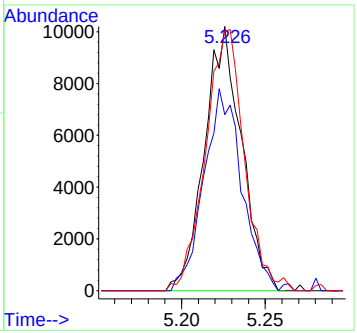


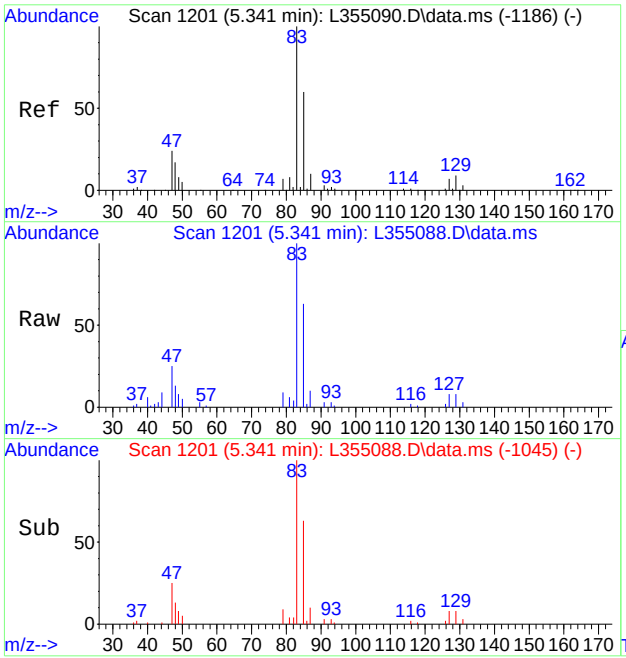


#66
dibromomethane
Concen: 7.17 ug/L
RT: 5.226 min Scan# 1165
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 93 Resp: 15735

Ion	Ratio	Lower	Upper
93	100		
95	66.5	52.7	112.7
174	98.1	70.1	130.1

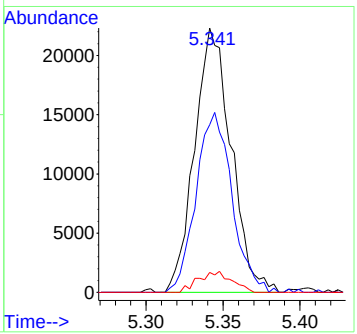


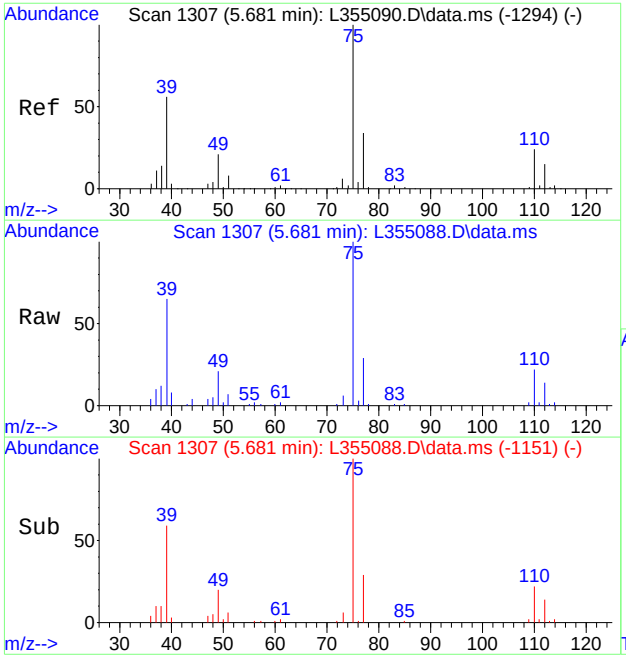


#67
bromodichloromethane
Concen: 7.05 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 83 Resp: 36835

Ion	Ratio	Lower	Upper
83	100		
85	63.4	30.1	90.1
127	7.6	0.0	37.3

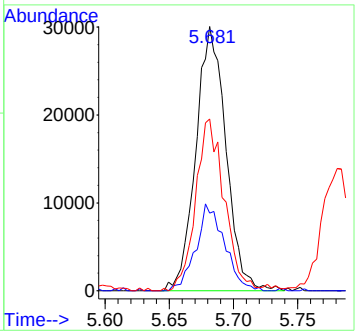


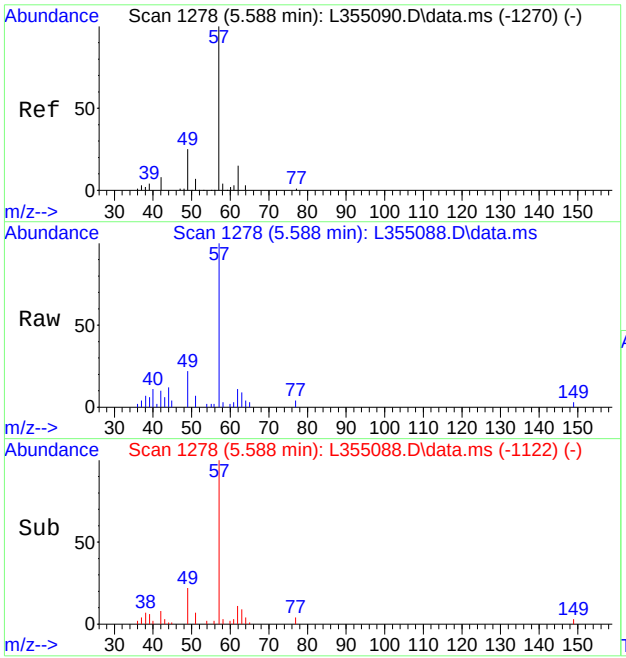


#68
cis-1,3-dichloropropene
Concen: 7.54 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 75 Resp: 49166

Ion	Ratio	Lower	Upper
75	100		
77	29.4	4.0	64.0
39	65.0	25.8	85.8

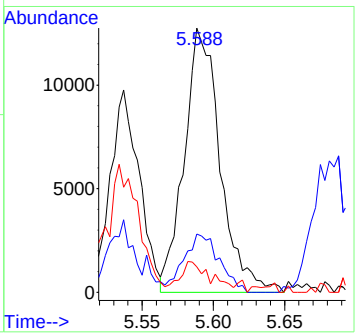


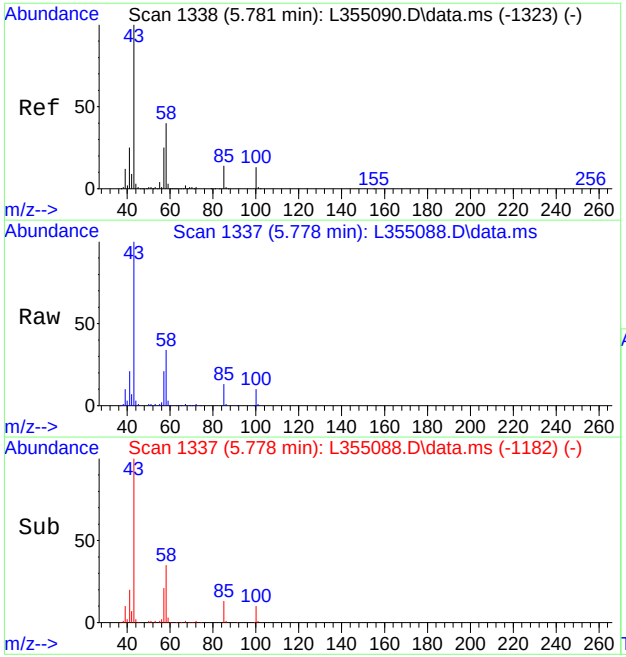


#69
epichlorohydrin
Concen: 37.81 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 57 Resp: 22386

Ion	Ratio	Lower	Upper
57	100		
49	19.9	3.3	43.3
42	9.7	0.0	30.7

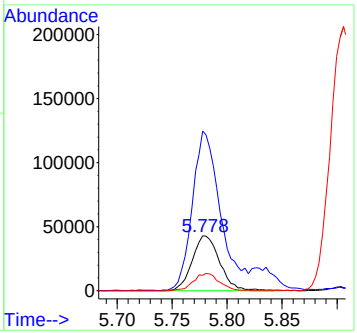


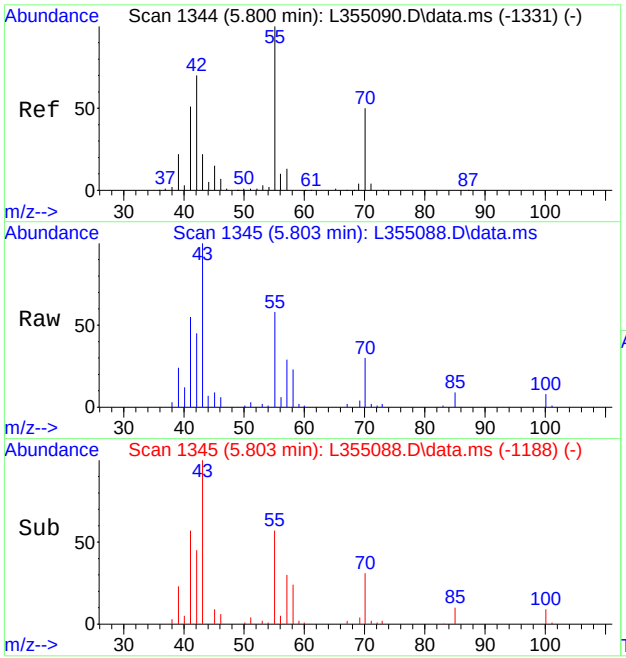


#70
4-methyl-2-pentanone
Concen: 29.87 ug/L
RT: 5.778 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 58 Resp: 75023

Ion	Ratio	Lower	Upper
58	100		
43	290.4	227.9	267.9#
100	28.1	11.2	51.2

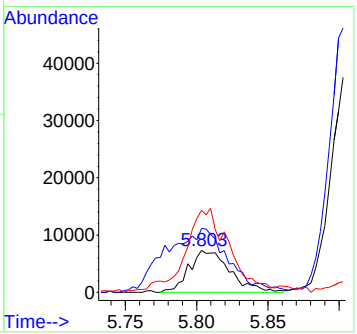


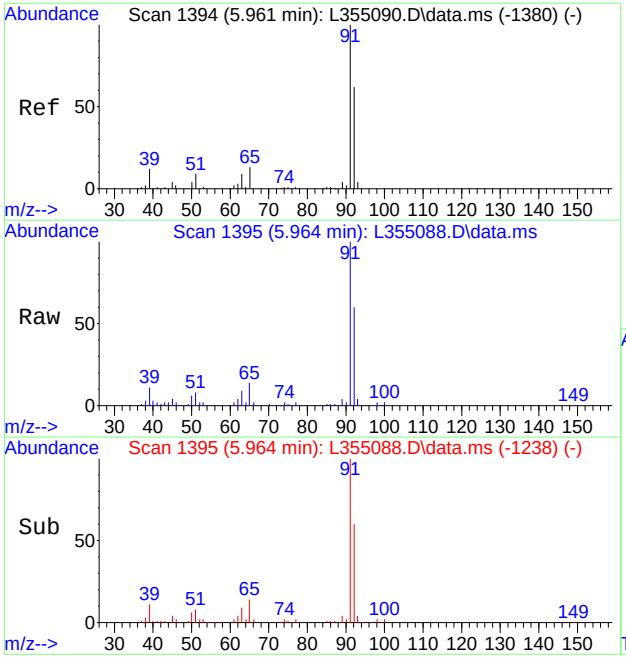


#71
3-methyl-1-butanol
Concen: 136.56 ug/L
RT: 5.803 min Scan# 1345
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 70 Resp: 14658

Ion	Ratio	Lower	Upper
70	100		
42	144.2	131.6	171.6
55	180.4	180.2	220.2

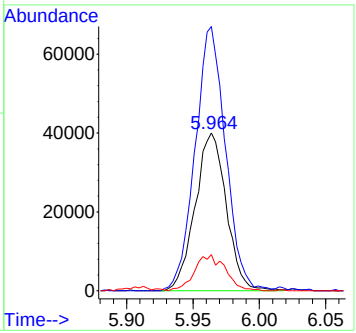


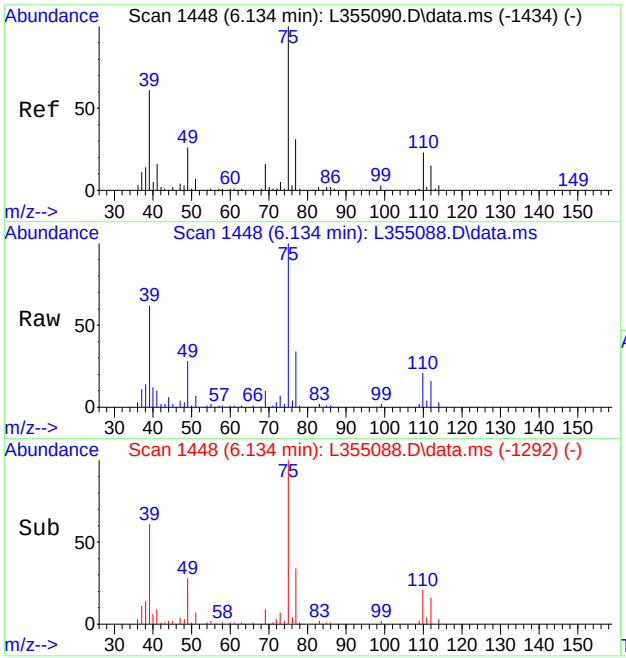


#74
toluene
Concen: 7.87 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 92 Resp: 65518

Ion	Ratio	Lower	Upper
92	100		
91	167.7	130.7	190.7
65	22.4	0.0	51.2

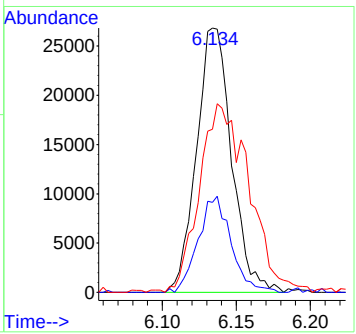


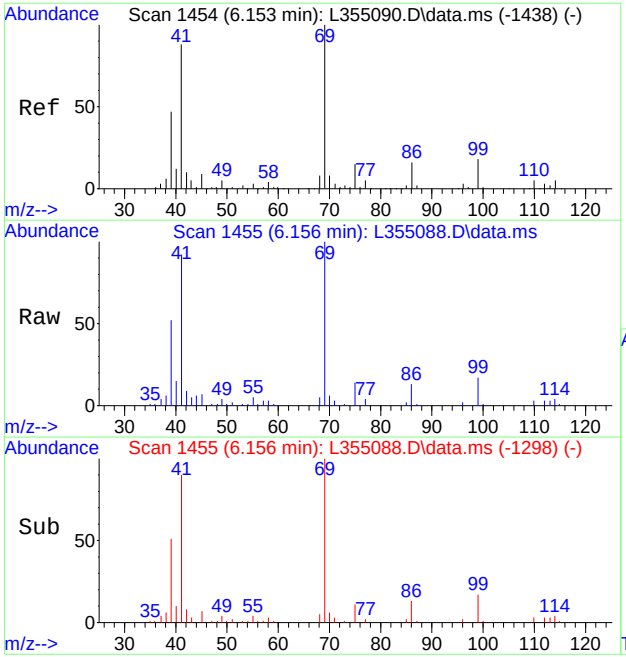


#75
trans-1,3-dichloropropene
Concen: 7.27 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 75 Resp: 44172

Ion	Ratio	Lower	Upper
75	100		
77	34.0	1.0	61.0
39	60.8	30.8	90.8

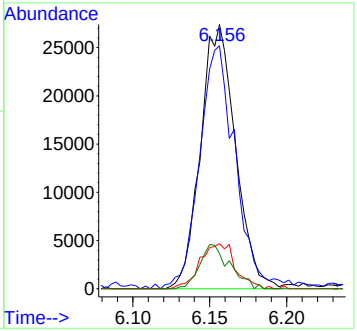


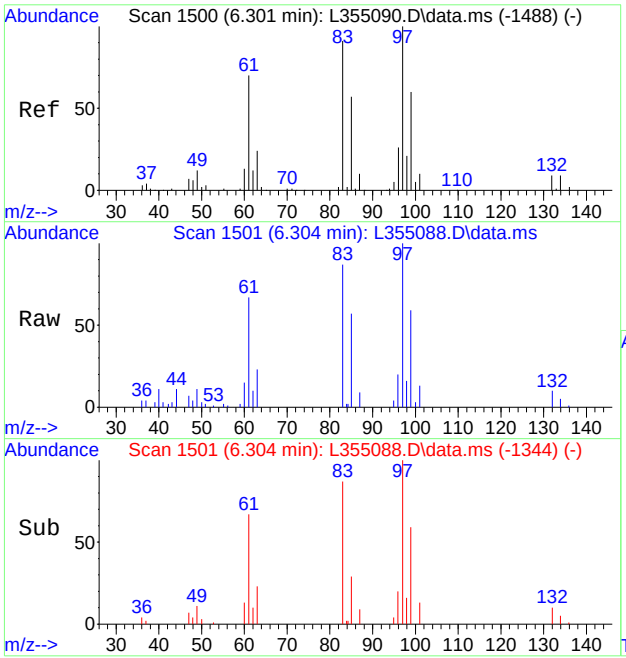


#76
ethyl methacrylate
Concen: 7.75 ug/L
RT: 6.156 min Scan# 1455
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 69 Resp: 43307

Ion	Ratio	Lower	Upper
69	100		
41	91.9	57.6	117.6
99	17.0	0.0	48.5
86	13.3	0.0	46.2

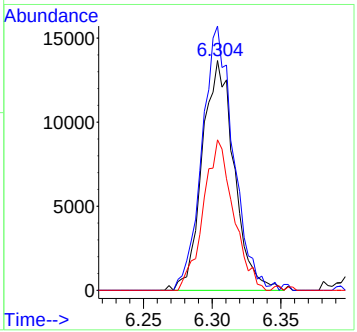




#77
1,1,2-trichloroethane
Concen: 7.29 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

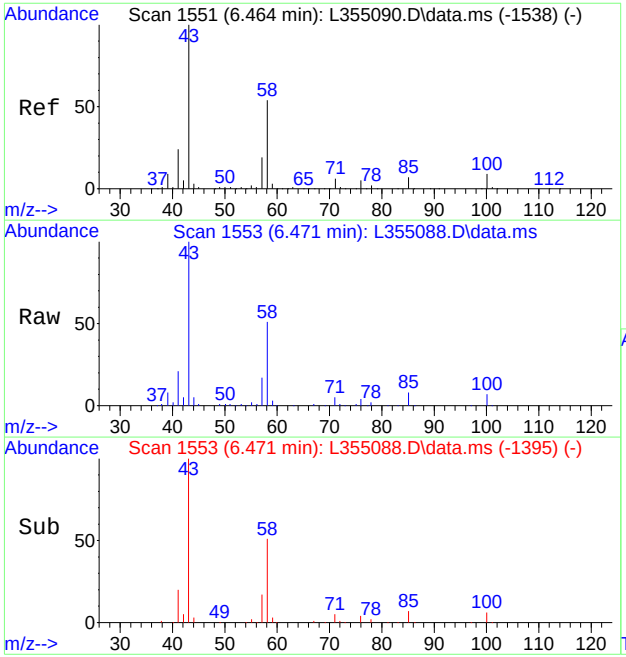
Tgt Ion: 83 Resp: 22093

Ion	Ratio	Lower	Upper
83	100		
97	115.0	80.2	140.2
85	65.5	33.0	93.0



7.7.45

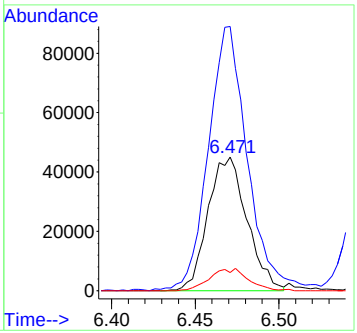
7

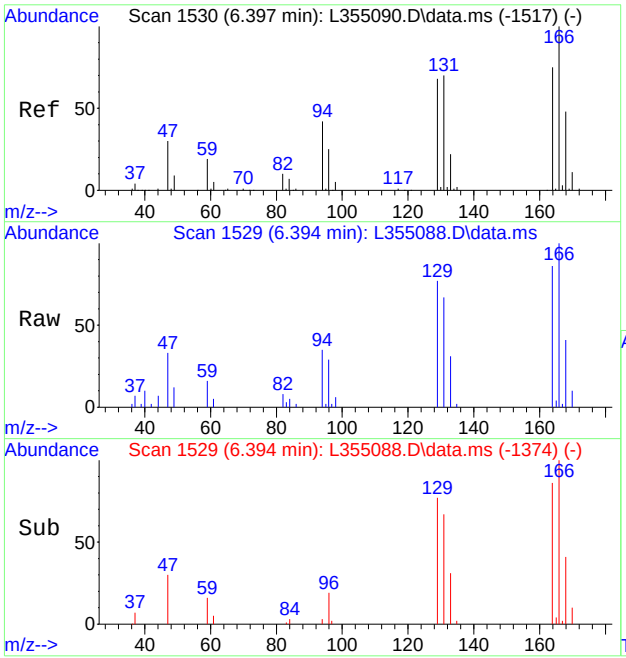


#78
2-hexanone
Concen: 29.30 ug/L
RT: 6.471 min Scan# 1553
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 58 Resp: 73174

Ion	Ratio	Lower	Upper
58	100		
43	196.6	154.5	214.5
100	13.8	0.0	46.6

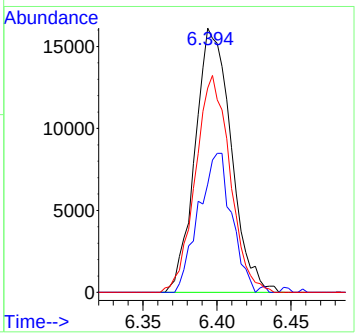


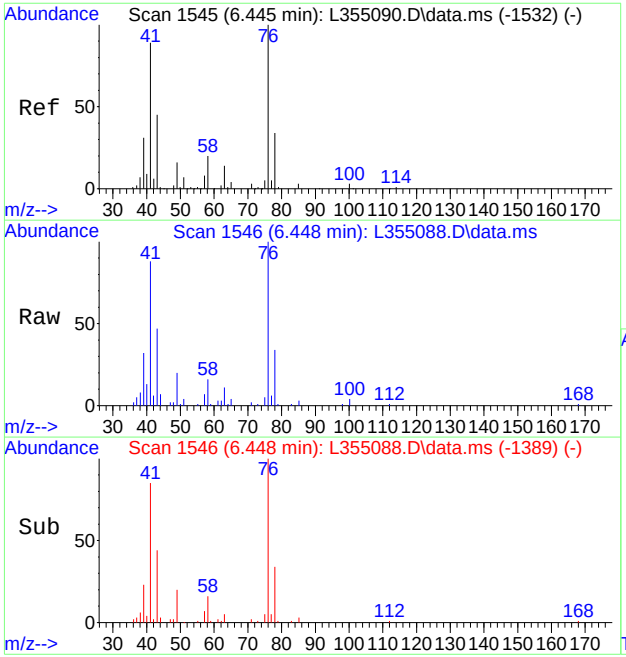


#79
tetrachloroethene
Concen: 7.84 ug/L
RT: 6.394 min Scan# 1529
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:166 Resp: 27244

Ion	Ratio	Lower	Upper
166	100		
168	40.9	18.3	78.3
129	77.3	38.5	98.5

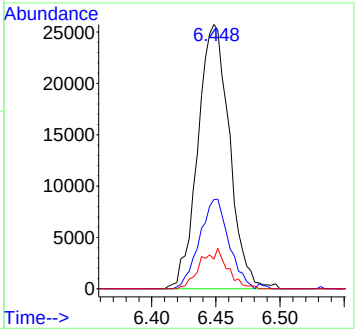


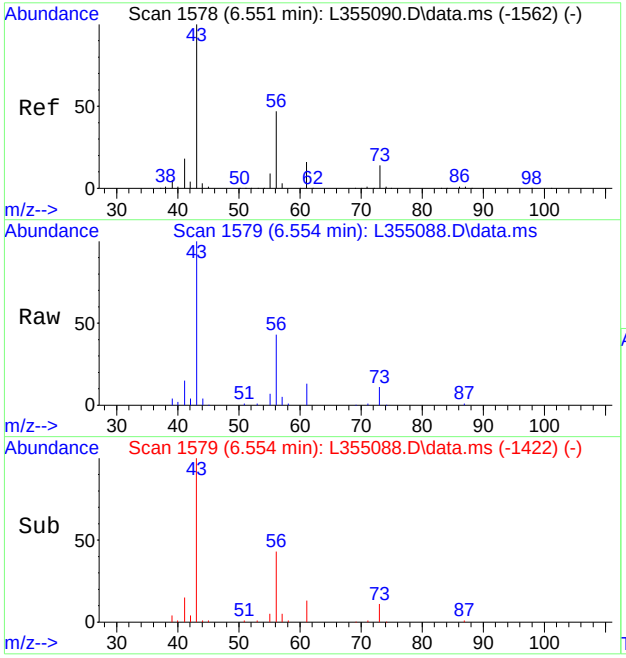


#80
1,3-dichloropropane
Concen: 7.45 ug/L
RT: 6.448 min Scan# 1546
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 76 Resp: 44297

Ion	Ratio	Lower	Upper
76	100		
78	33.7	3.8	63.8
63	11.1	0.0	43.8

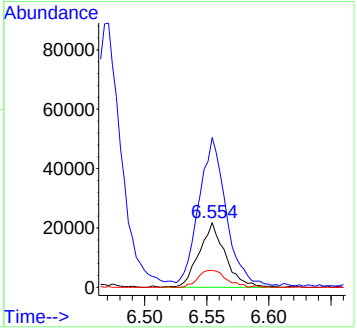


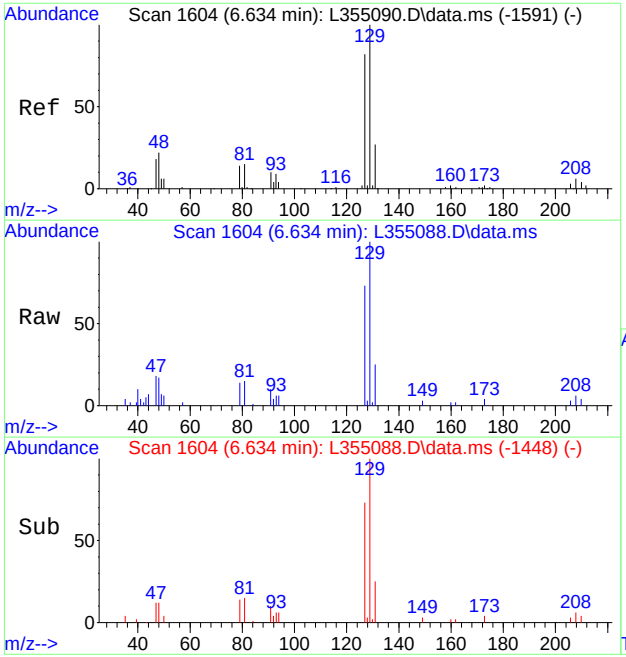


#81
butyl acetate
Concen: 8.02 ug/L
RT: 6.554 min Scan# 1579
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 56 Resp: 31942

Ion	Ratio	Lower	Upper
56	100		
43	225.1	194.2	254.2
73	25.8	0.0	58.5

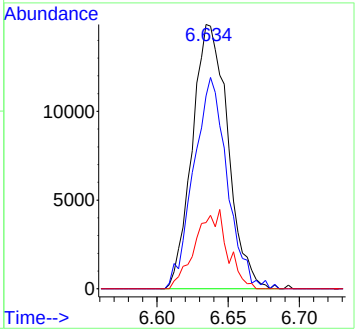


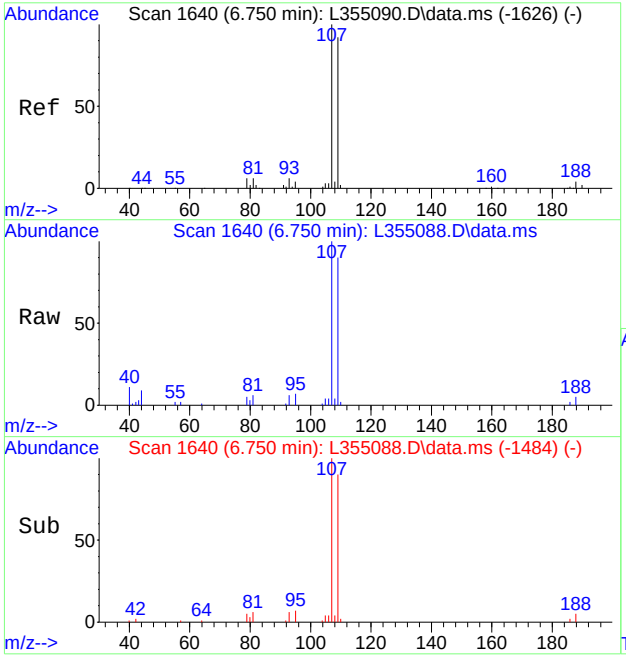


#82
dibromochloromethane
Concen: 7.16 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:129 Resp: 25867

Ion	Ratio	Lower	Upper
129	100		
127	72.9	51.9	111.9
131	25.0	0.0	56.8

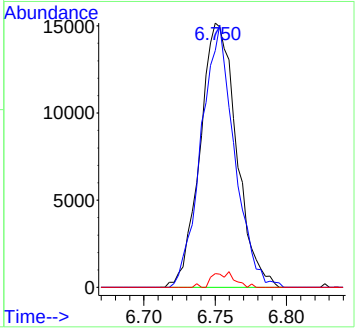


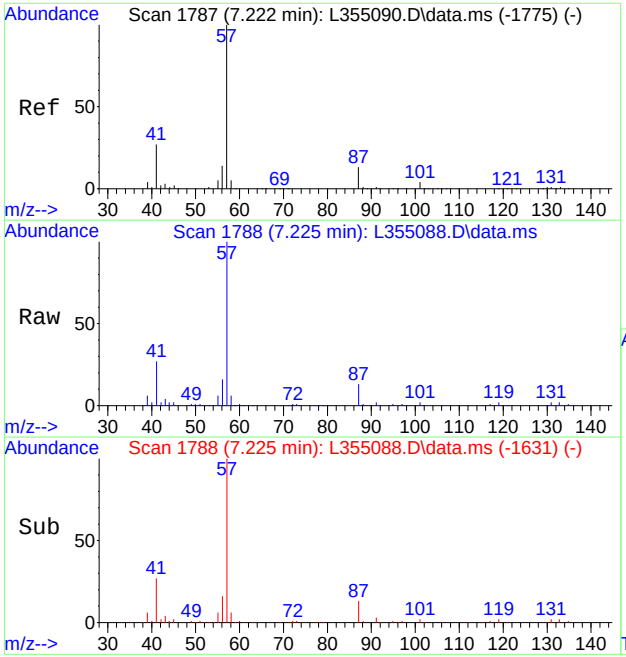


#83
1,2-dibromoethane
Concen: 7.70 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:107 Resp: 26919

Ion	Ratio	Lower	Upper
107	100		
109	89.5	62.2	122.2
188	5.2	0.0	33.6

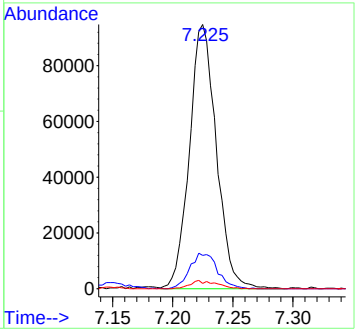


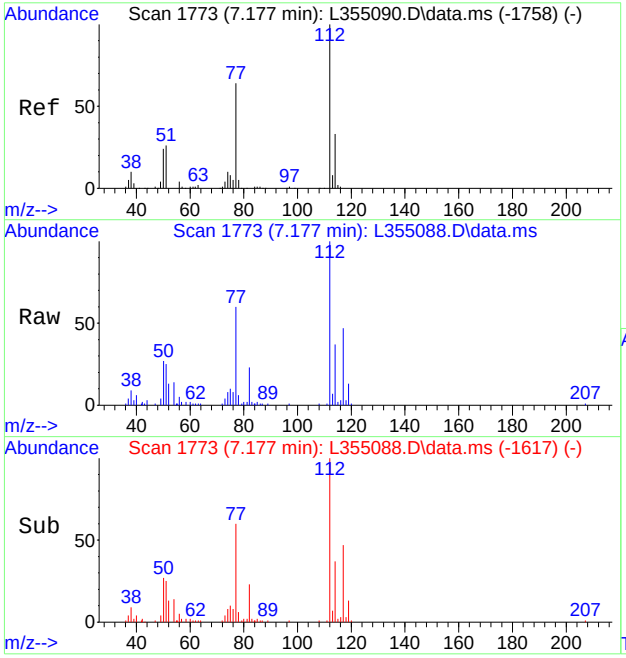


#84
n-butyl ether
Concen: 8.18 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 57 Resp: 147829

Ion	Ratio	Lower	Upper
57	100		
87	12.6	0.0	43.5
101	2.1	0.0	33.5

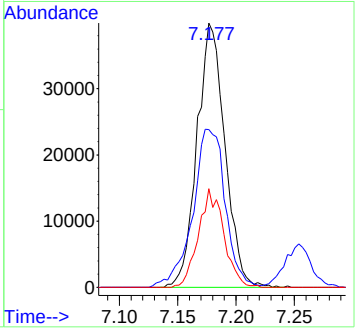


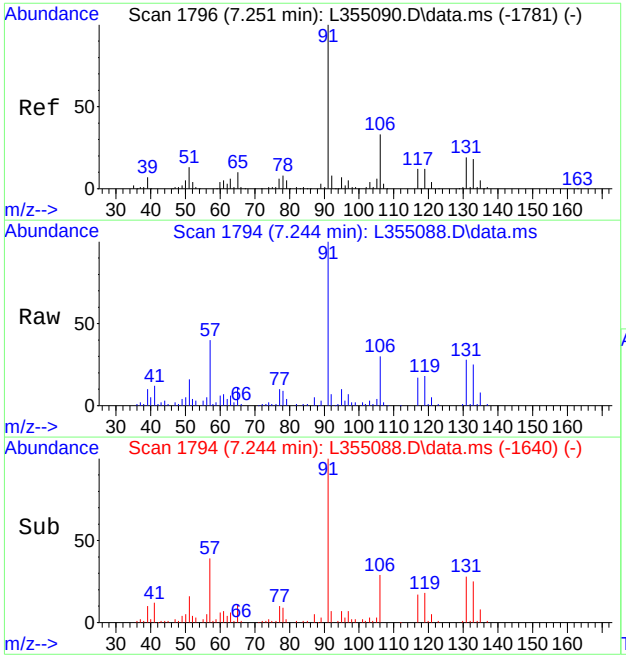


#85
chlorobenzene
Concen: 7.62 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:112 Resp: 66587

Ion	Ratio	Lower	Upper
112	100		
77	57.5	34.0	94.0
114	37.3	2.8	62.8

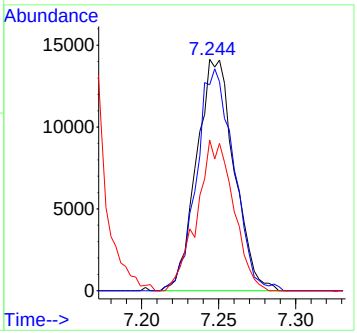


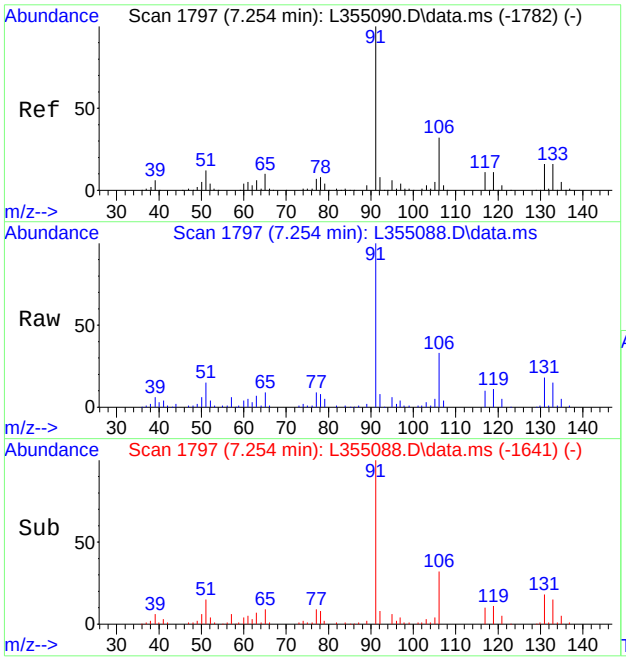


#86
1,1,1,2-tetrachloroethane
Concen: 7.69 ug/L
RT: 7.244 min Scan# 1794
Delta R.T. -0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:131 Resp: 24113

Ion	Ratio	Lower	Upper
131	100		
133	89.0	65.5	125.5
119	65.2	34.9	94.9

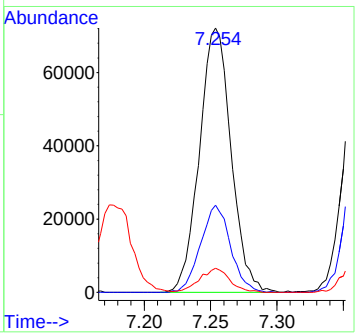


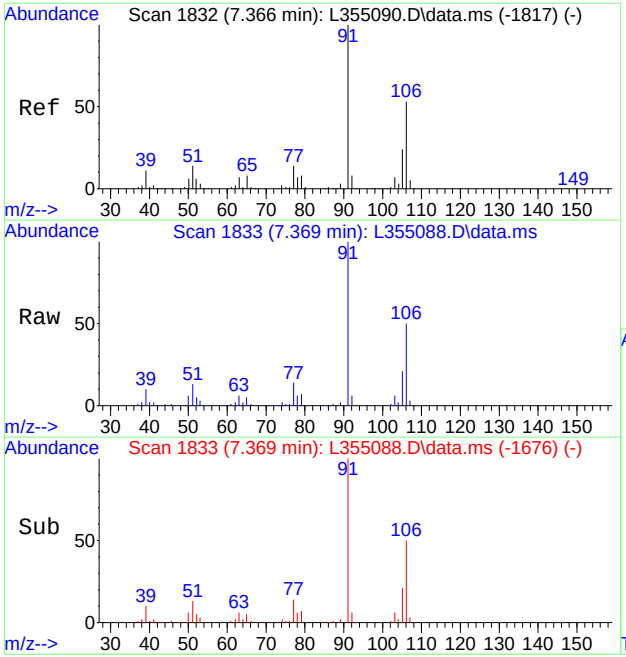


#87
ethylbenzene
Concen: 7.75 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 91 Resp: 119911

Ion	Ratio	Lower	Upper
91	100		
106	33.0	1.8	61.8
77	9.1	0.0	38.8

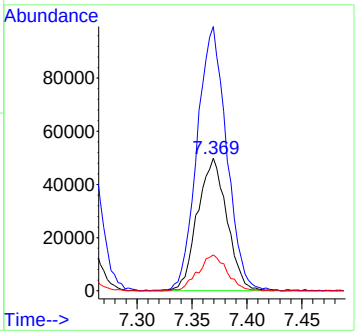


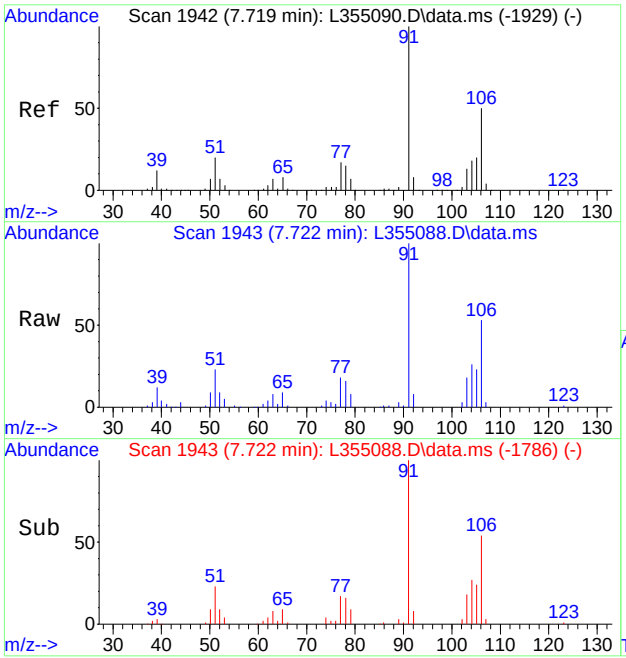


#88
m,p-xylene
Concen: 15.16 ug/L
RT: 7.369 min Scan# 1833
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:106 Resp: 92898

Ion	Ratio	Lower	Upper
106	100		
91	199.3	158.2	218.2
77	27.1	6.9	46.9

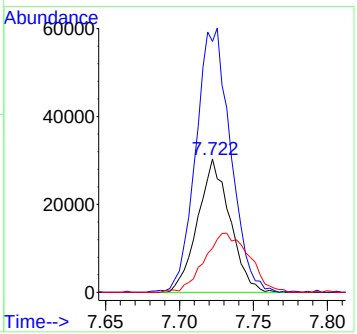


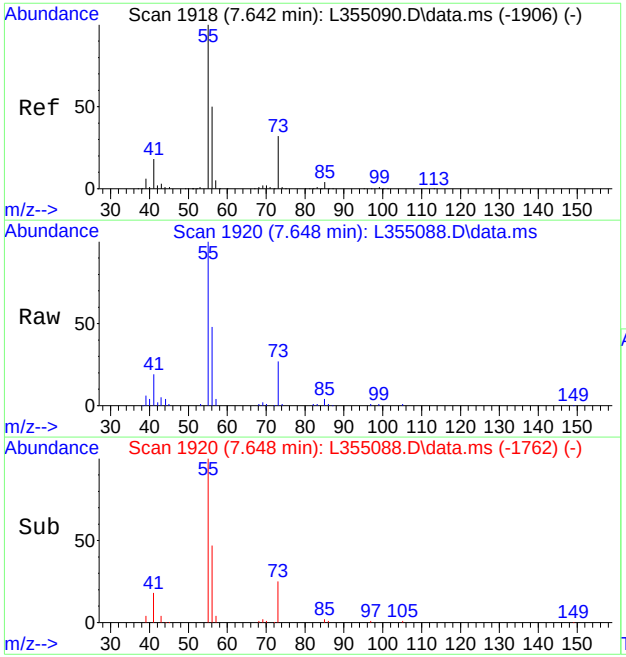


#89
o-xylene
Concen: 7.26 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:106 Resp: 45941

Ion	Ratio	Lower	Upper
106	100		
91	187.4	170.0	230.0
77	33.0	14.0	54.0

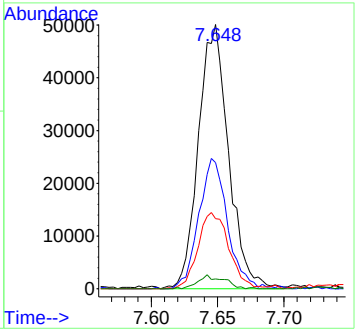


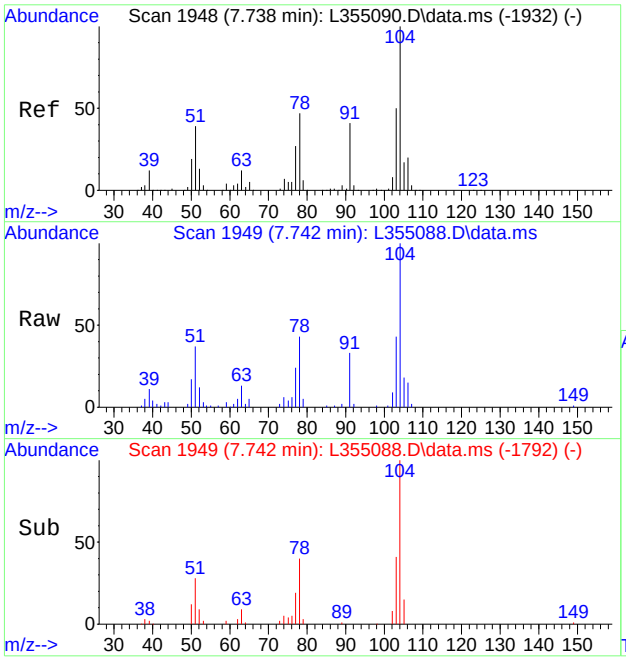


#90
butyl acrylate
Concen: 7.59 ug/L
RT: 7.648 min Scan# 1920
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 55 Resp: 79230

Ion	Ratio	Lower	Upper
55	100		
56	47.8	30.4	70.4
73	26.5	11.9	51.9
85	3.7	0.0	24.0

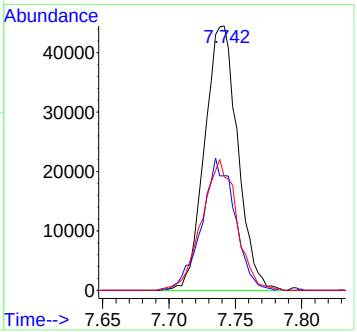


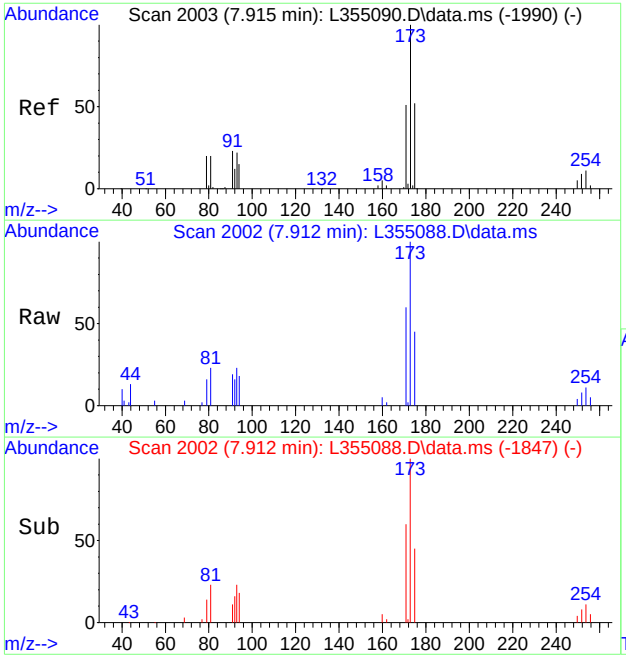


#91
styrene
Concen: 7.89 ug/L
RT: 7.742 min Scan# 1949
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:104 Resp: 77126

Ion	Ratio	Lower	Upper
104	100		
78	43.3	17.3	77.3
103	43.0	19.8	79.8

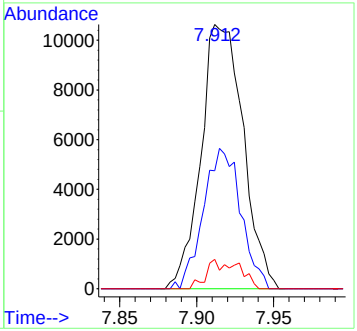


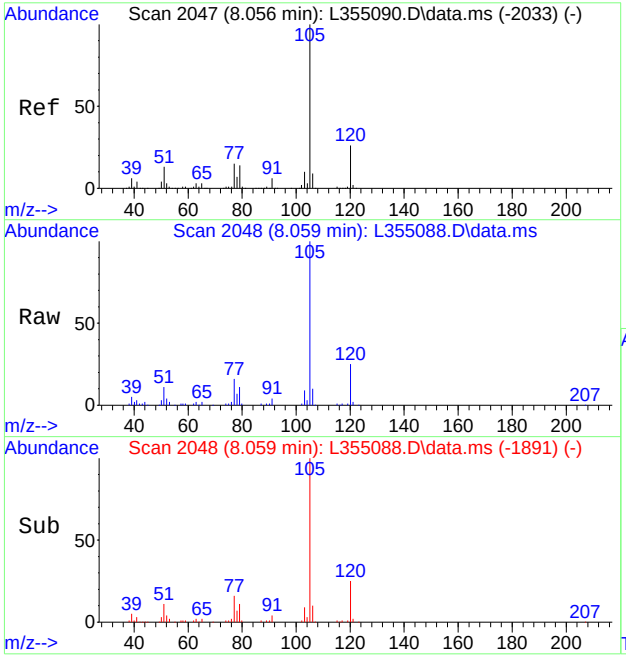


#92
bromoform
Concen: 7.70 ug/L
RT: 7.912 min Scan# 2002
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:173 Resp: 20261

Ion	Ratio	Lower	Upper
173	100		
175	44.7	22.1	82.1
254	11.2	0.0	41.0

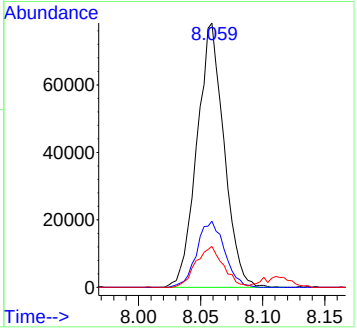


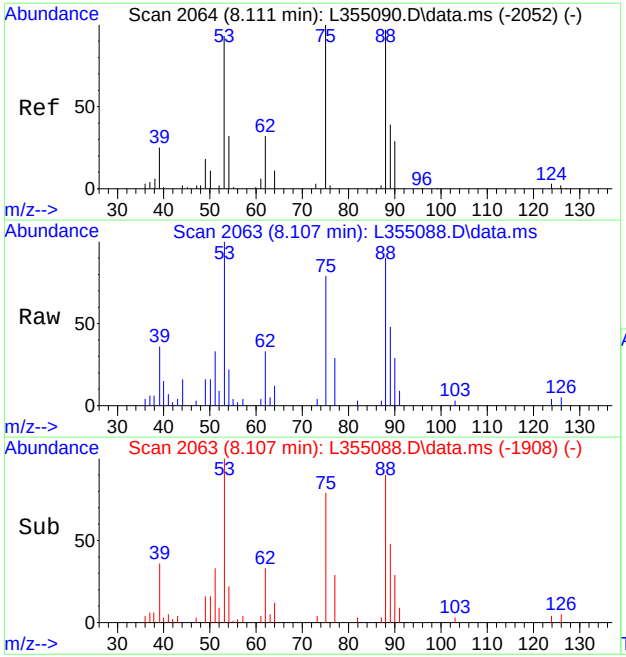


#93
isopropylbenzene
Concen: 7.50 ug/L
RT: 8.059 min Scan# 2048
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:105 Resp: 118650

Ion	Ratio	Lower	Upper
105	100		
120	25.0	6.4	46.4
77	15.5	0.0	35.3

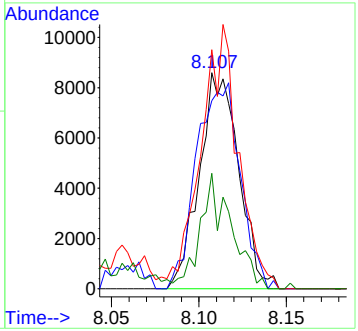


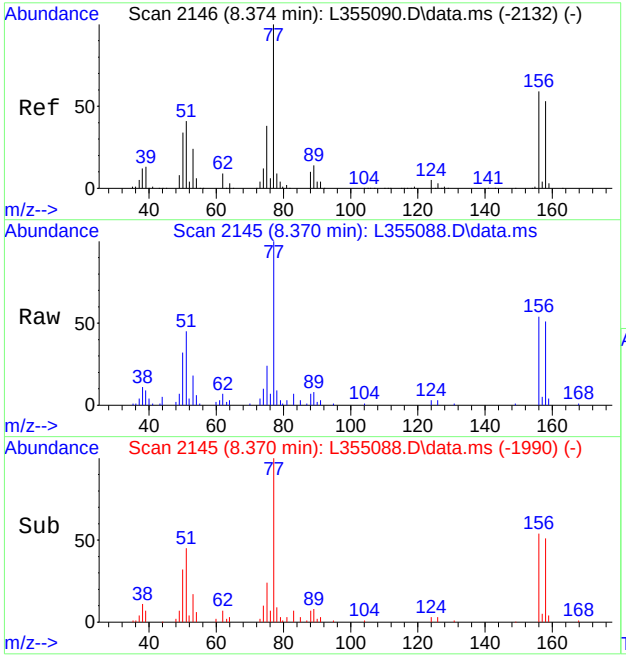


#94
cis-1,4-dichloro-2-butene
Concen: 8.12 ug/L
RT: 8.107 min Scan# 2063
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 88 Resp: 13461

Ion	Ratio	Lower	Upper
88	100		
75	87.1	87.0	127.0
53	110.6	79.7	119.7
89	53.5	22.9	62.9

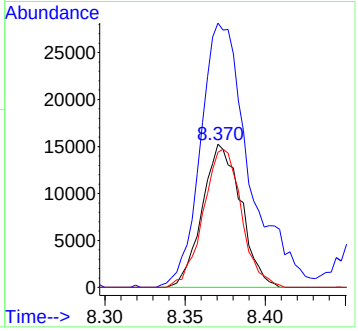


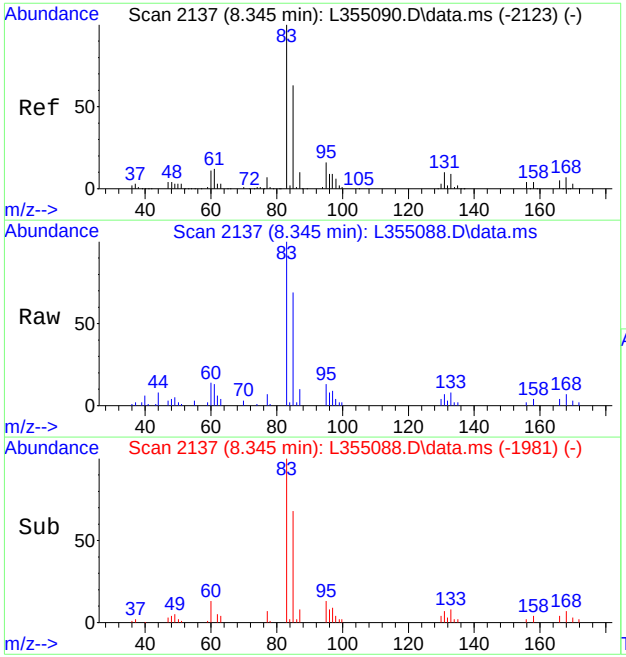


#97
bromobenzene
Concen: 7.76 ug/L
RT: 8.370 min Scan# 2145
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:156 Resp: 25664

Ion	Ratio	Lower	Upper
156	100		
77	183.0	138.1	198.1
158	94.5	58.3	118.3

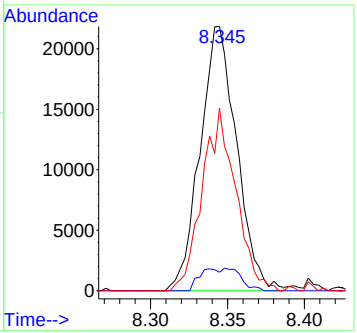


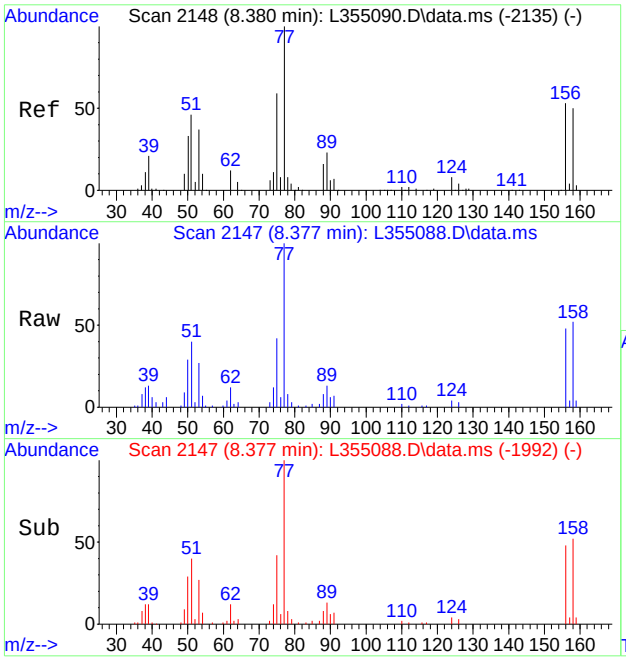


#98
1,1,2,2-tetrachloroethane
Concen: 7.39 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 83 Resp: 36105

Ion	Ratio	Lower	Upper
83	100		
131	7.0	0.0	39.6
85	69.2	33.1	93.1

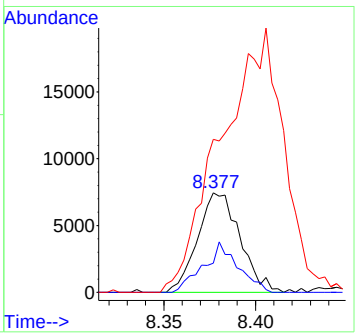


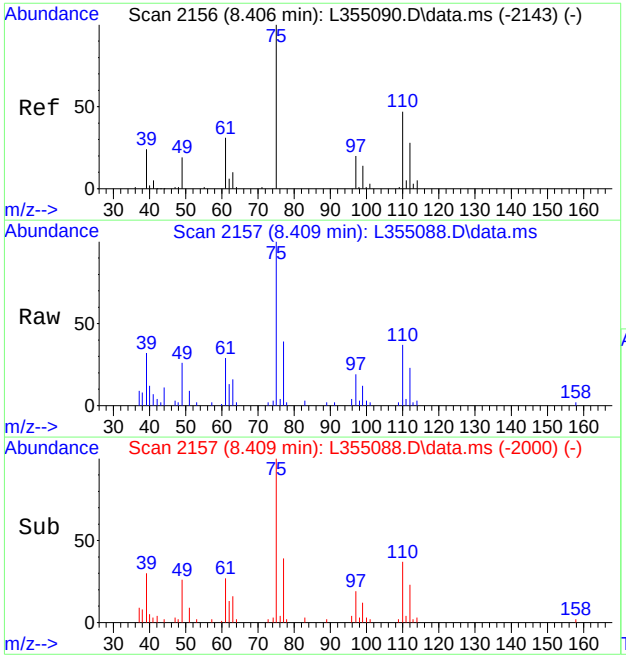


#99
trans-1,4-dichloro-2-butene
Concen: 7.83 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 53 Resp: 12033

Ion	Ratio	Lower	Upper
53	100		
88	29.2	13.5	73.5
75	153.4	128.5	188.5

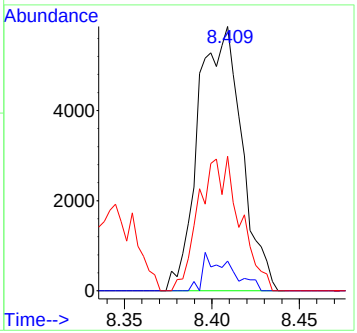


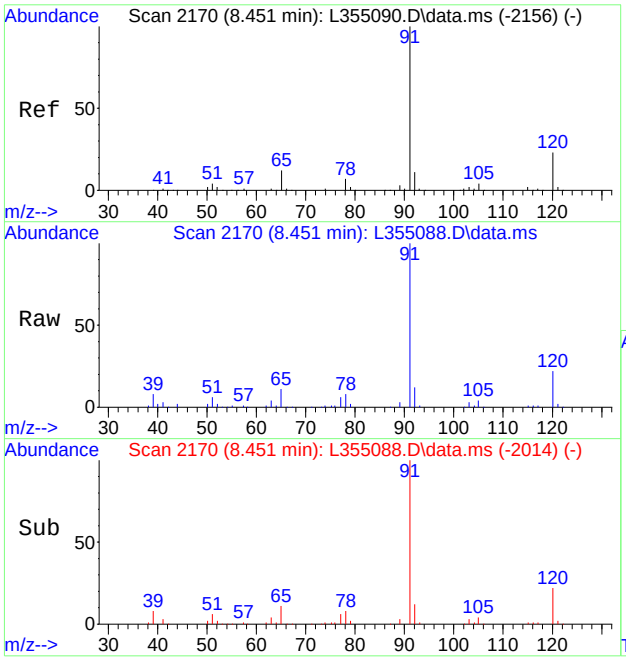


#100
1,2,3-trichloropropane
Concen: 7.82 ug/L
RT: 8.409 min Scan# 2157
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:110 Resp: 10185

Ion	Ratio	Lower	Upper
110	100		
111	11.3	0.0	39.7
97	50.9	18.0	78.0

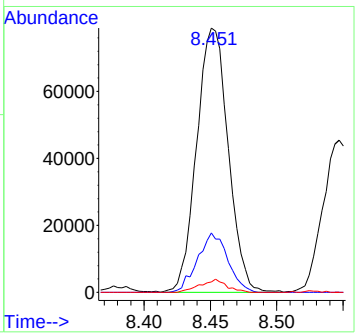


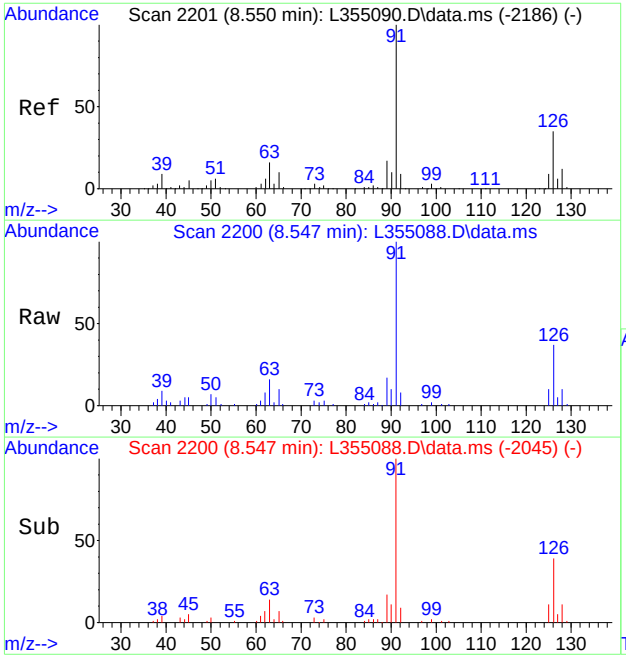


#101
n-propylbenzene
Concen: 7.56 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 91 Resp: 130758

Ion	Ratio	Lower	Upper
91	100		
120	22.5	0.0	53.4
105	3.9	0.0	34.1

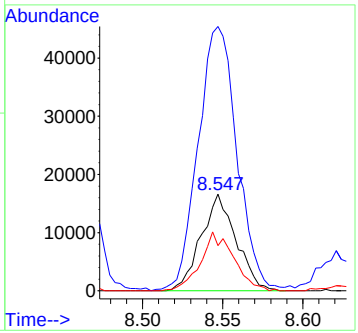


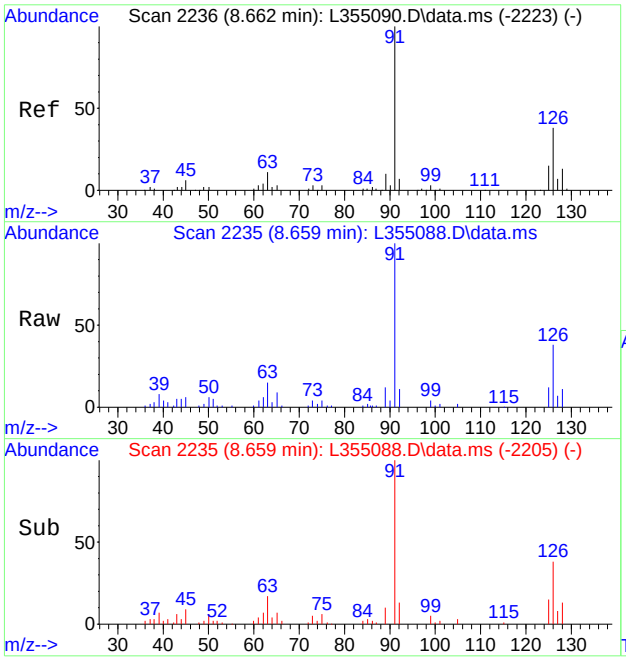


#102
2-chlorotoluene
Concen: 7.60 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:126 Resp: 25209

Ion	Ratio	Lower	Upper
126	100		
91	271.7	258.6	318.6
89	46.9	18.8	78.8

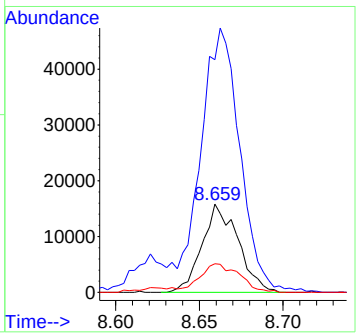


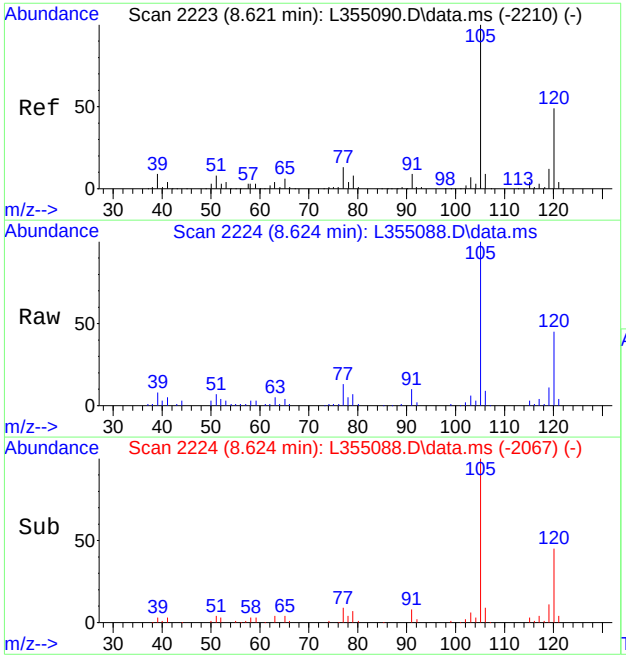


#103
4-chlorotoluene
Concen: 7.35 ug/L
RT: 8.659 min Scan# 2235
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:126 Resp: 23711

Ion	Ratio	Lower	Upper
126	100		
91	259.0	272.7	332.7#
89	32.5	2.4	62.4

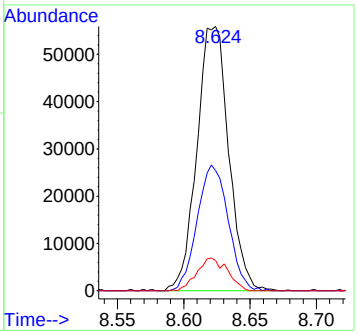


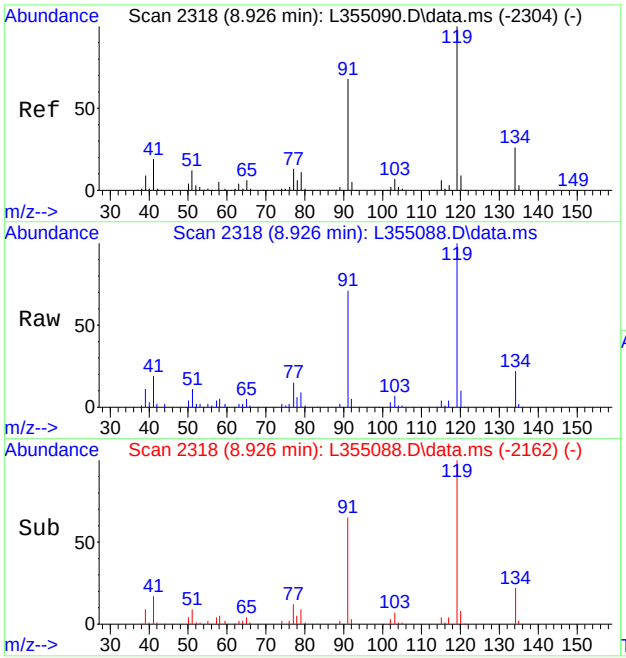


#104
1,3,5-trimethylbenzene
Concen: 7.69 ug/L
RT: 8.624 min Scan# 2224
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:105 Resp: 93135

Ion	Ratio	Lower	Upper
105	100		
120	45.5	19.0	79.0
119	11.5	0.0	42.2

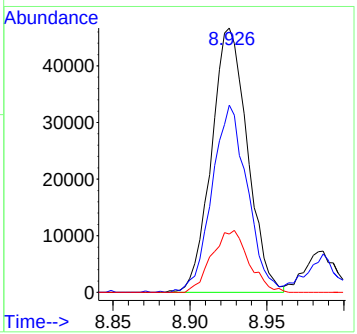


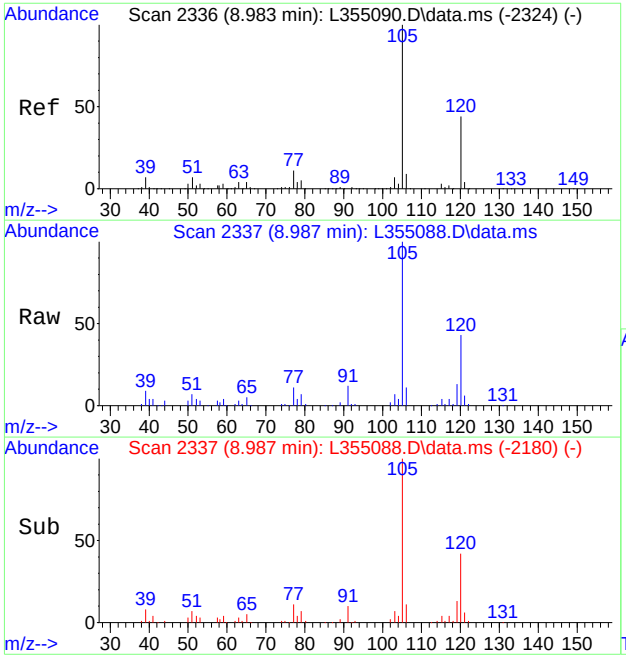


#105
tert-butylbenzene
Concen: 7.55 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:119 Resp: 75976

Ion	Ratio	Lower	Upper
119	100		
91	70.3	38.0	98.0
134	22.1	0.0	56.2

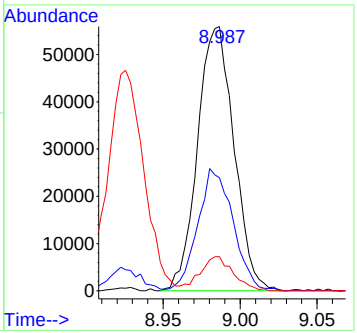


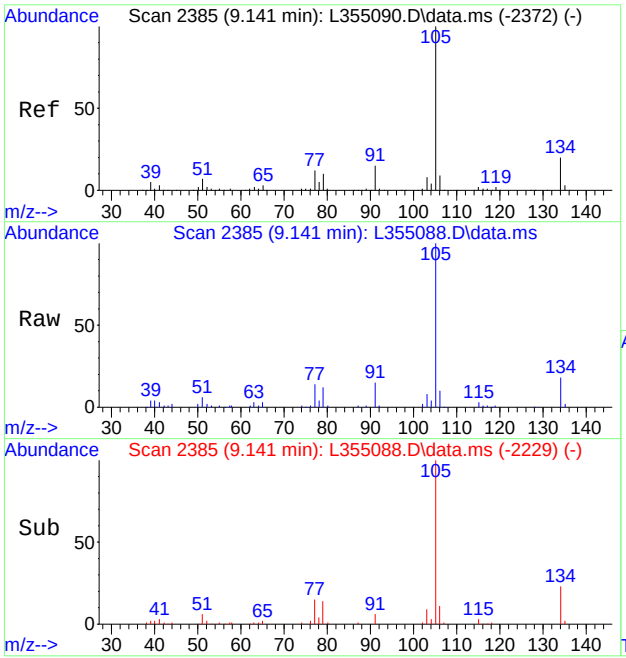


#106
1,2,4-trimethylbenzene
Concen: 7.59 ug/L
RT: 8.987 min Scan# 2337
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:105 Resp: 92127

Ion	Ratio	Lower	Upper
105	100		
120	42.7	15.8	75.8
119	13.0	0.0	42.1

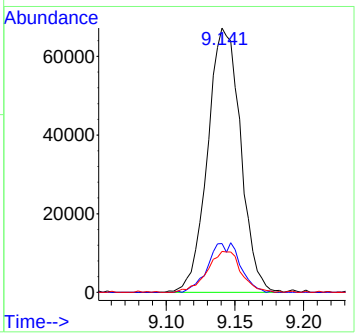


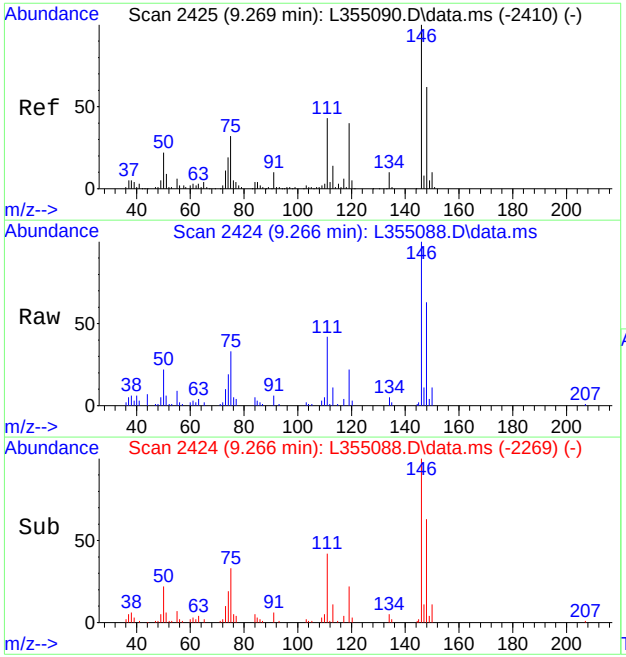


#107
sec-butylbenzene
Concen: 7.70 ug/L
RT: 9.141 min Scan# 2385
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:105 Resp: 112231

Ion	Ratio	Lower	Upper
105	100		
134	18.5	0.0	50.4
91	15.5	0.0	45.4

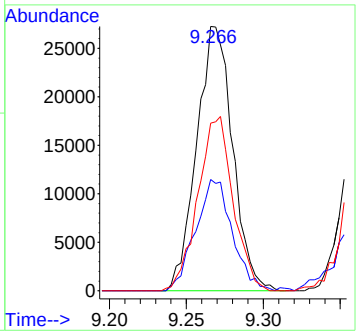


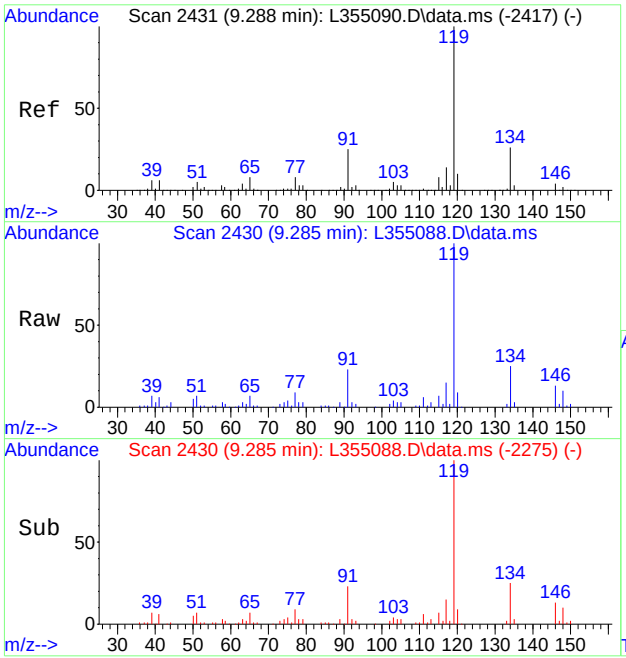


#108
1,3-dichlorobenzene
Concen: 7.77 ug/L
RT: 9.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:146 Resp: 44326

Ion	Ratio	Lower	Upper
146	100		
111	42.1	13.1	73.1
148	63.4	32.4	92.4

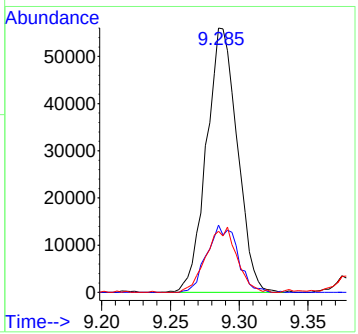


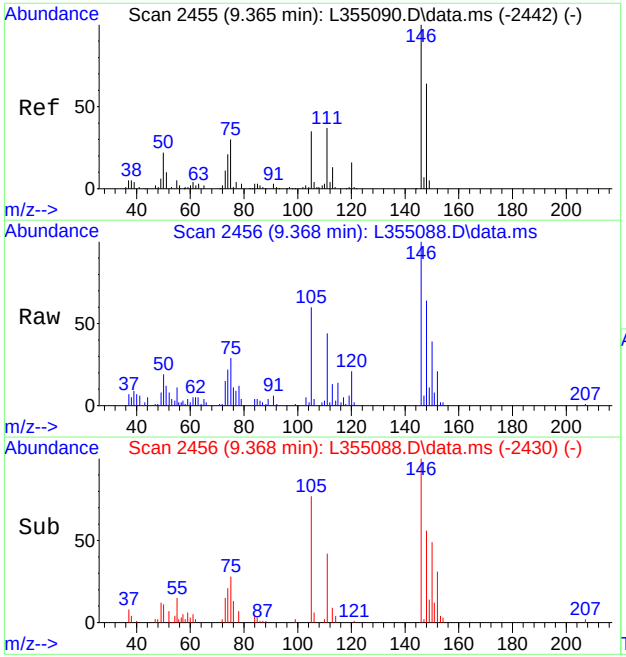


#109
p-isopropyltoluene
Concen: 7.69 ug/L
RT: 9.285 min Scan# 2430
Delta R.T. -0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:119 Resp: 87486

Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	56.2
91	23.2	0.0	55.0

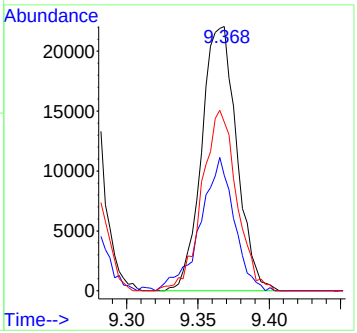


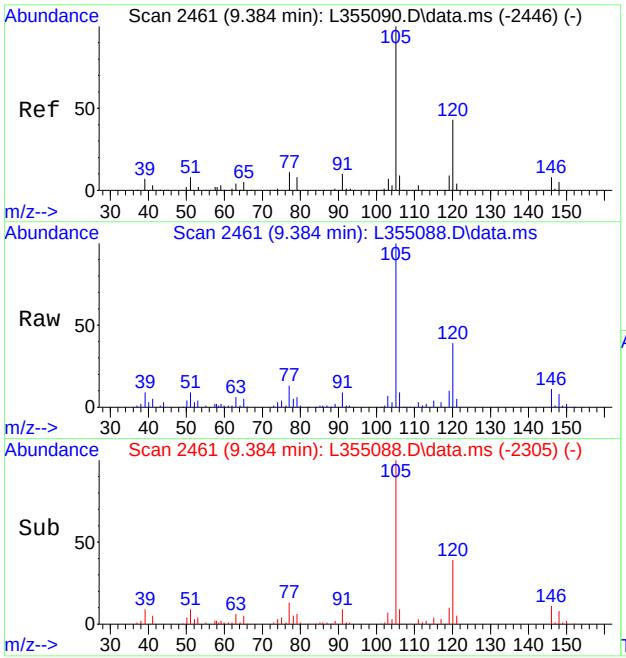


#110
1,4-dichlorobenzene
Concen: 7.11 ug/L
RT: 9.368 min Scan# 2456
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:146 Resp: 37809

Ion	Ratio	Lower	Upper
146	100		
111	43.7	7.6	67.6
148	63.8	33.7	93.7

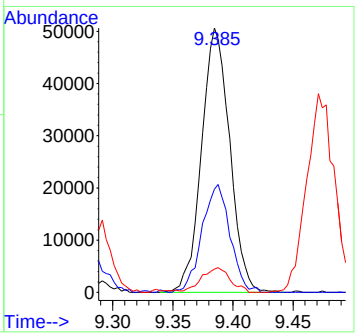


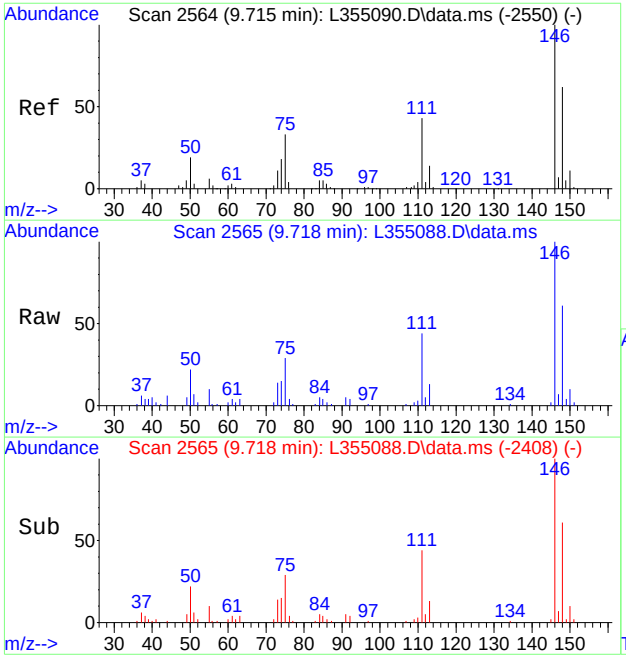


#111
1,2,3-trimethylbenzene
Concen: 7.47 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:105 Resp: 82559

Ion	Ratio	Lower	Upper
105	100		
120	39.0	13.0	73.0
91	8.3	0.0	39.8

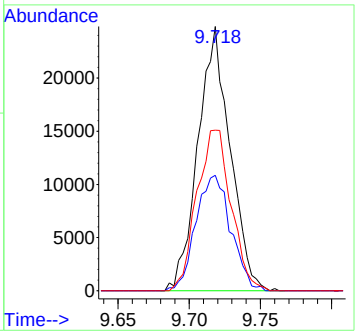


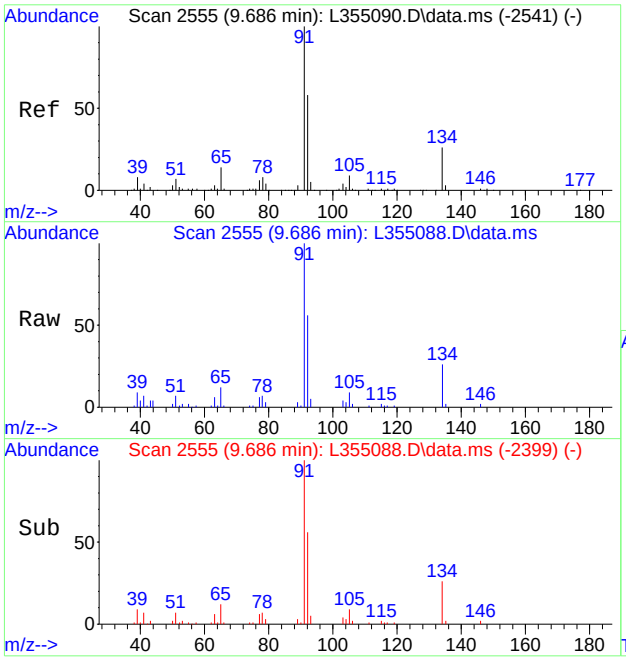


#112
1,2-dichlorobenzene
Concen: 7.24 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:146 Resp: 38929

Ion	Ratio	Lower	Upper
146	100		
111	43.7	13.0	73.0
148	60.7	32.1	92.1

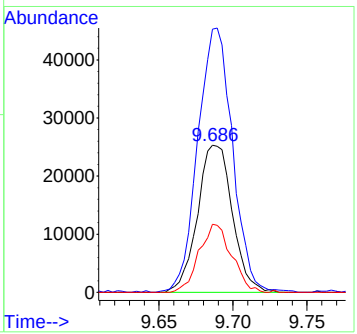


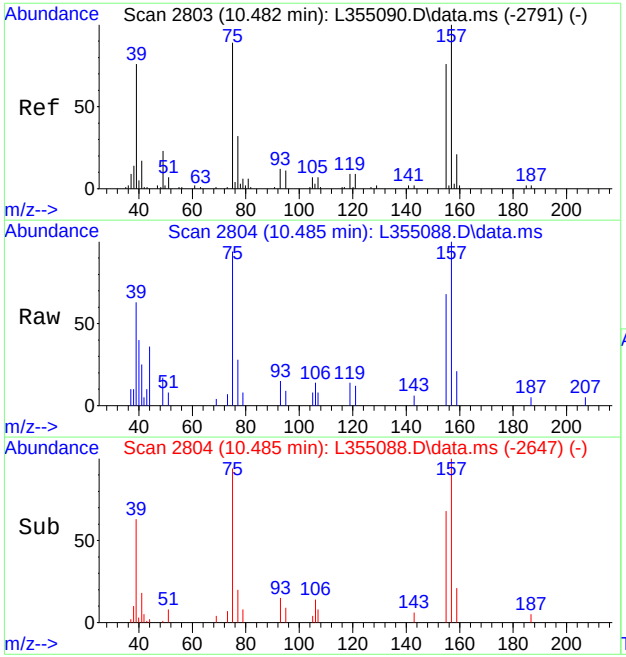


#113
n-butylbenzene
Concen: 7.54 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 92 Resp: 41474

Ion	Ratio	Lower	Upper
92	100		
91	178.2	141.2	201.2
134	46.4	14.9	74.9

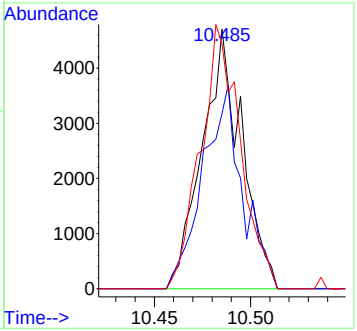


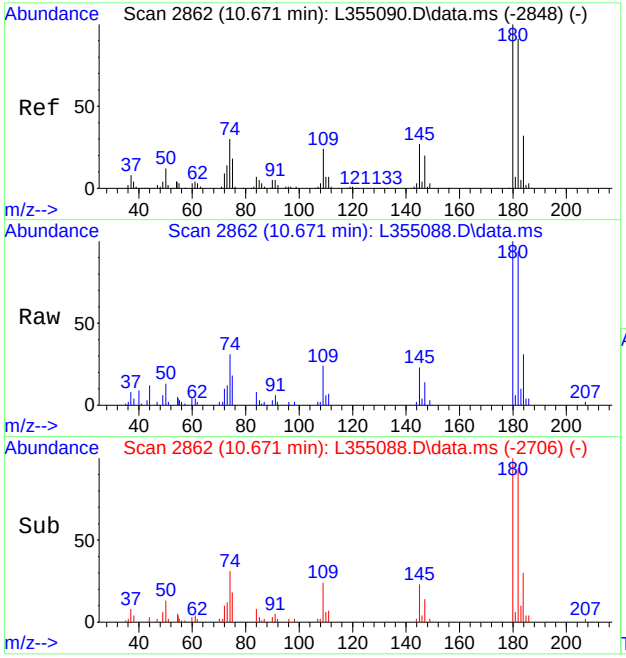


#114
1,2-dibromo-3-chloropropane
Concen: 6.64 ug/L
RT: 10.485 min Scan# 2804
Delta R.T. 0.003 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:157 Resp: 6738

Ion	Ratio	Lower	Upper
157	100		
155	67.5	46.0	106.0
75	94.5	58.9	118.9

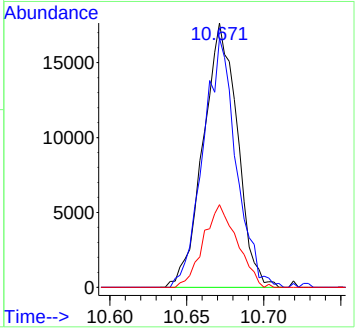


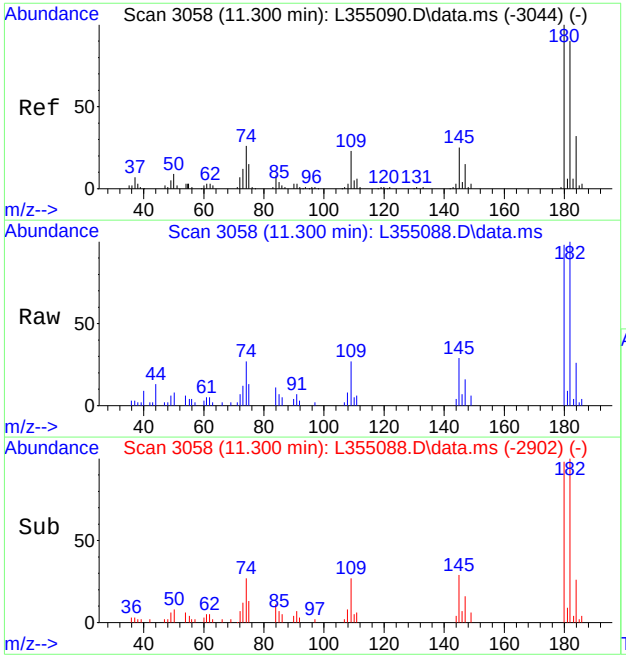


#115
1,3,5-trichlorobenzene
Concen: 8.04 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:180 Resp: 27256

Ion	Ratio	Lower	Upper
180	100		
182	94.2	61.0	121.0
184	31.3	1.5	61.5

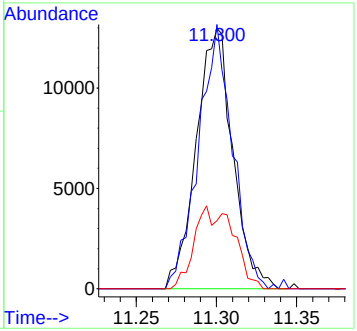


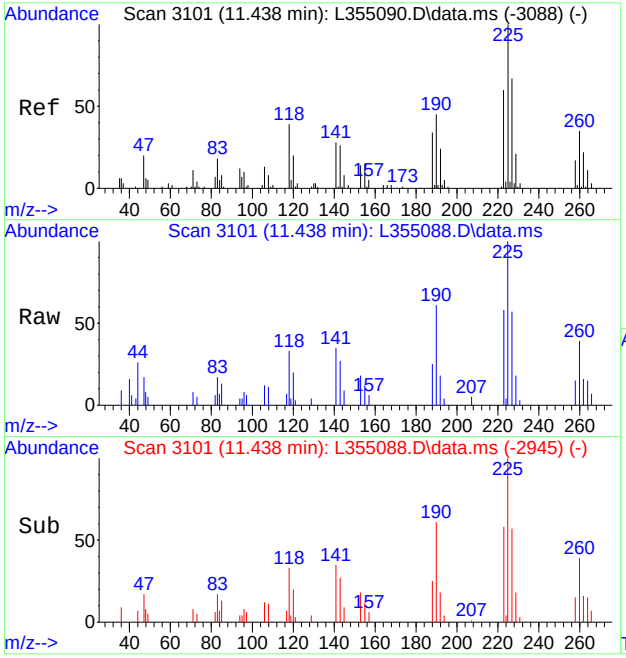


#116
1,2,4-trichlorobenzene
Concen: 7.60 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:180 Resp: 20647

Ion	Ratio	Lower	Upper
180	100		
182	101.5	59.8	119.8
184	26.2	1.8	61.8

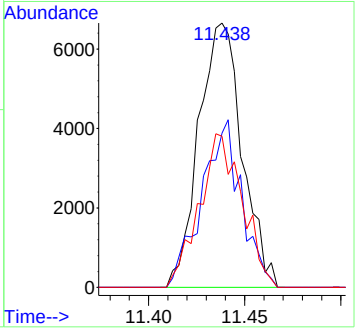


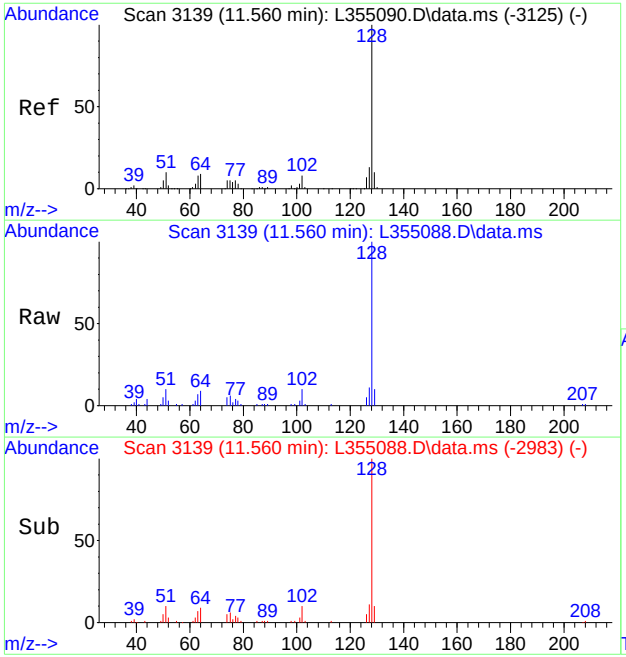


#117
hexachlorobutadiene
Concen: 8.06 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. 0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:225 Resp: 10467

Ion	Ratio	Lower	Upper
225	100		
223	58.3	30.5	90.5
227	57.1	37.2	97.2

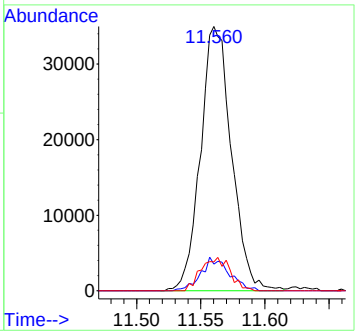


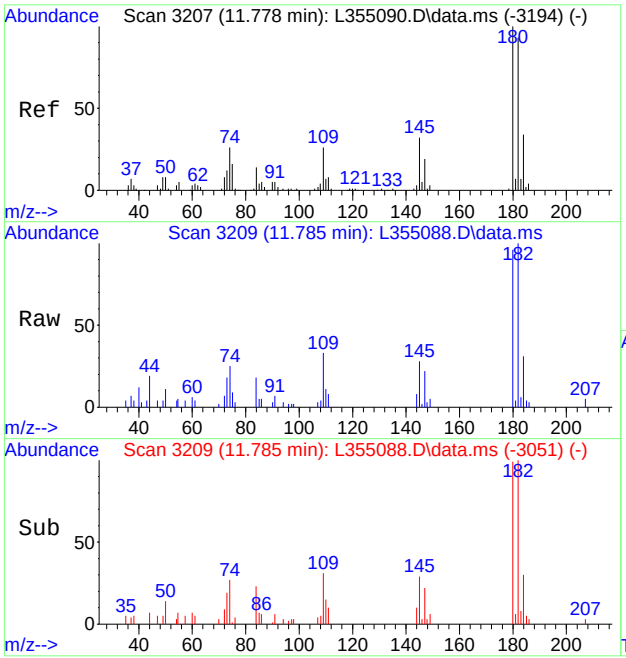


#118
naphthalene
Concen: 7.87 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:128 Resp: 58741

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	40.2
127	10.9	0.0	43.0

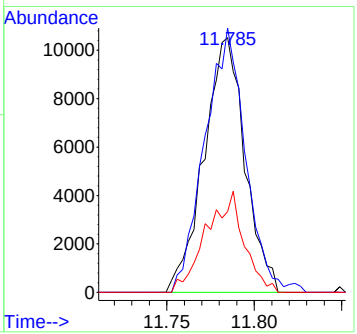


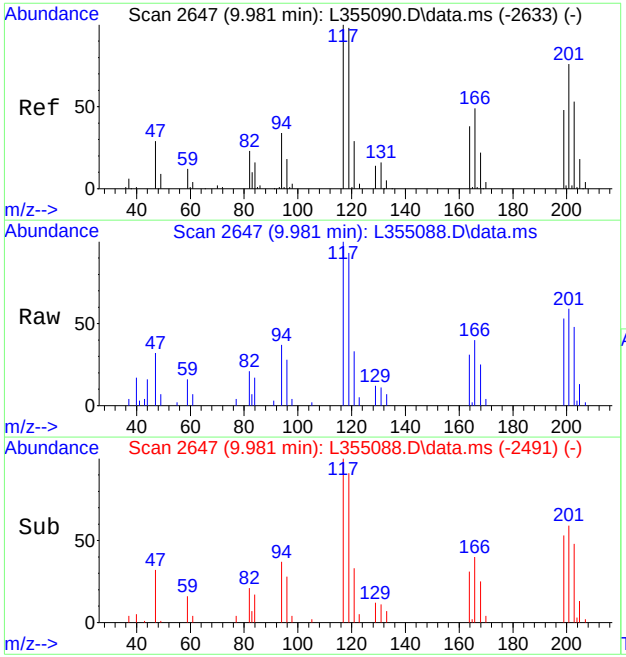


#119
1,2,3-trichlorobenzene
Concen: 7.38 ug/L
RT: 11.785 min Scan# 3209
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:180 Resp: 17150

Ion	Ratio	Lower	Upper
180	100		
182	103.8	63.1	123.1
184	31.7	3.8	63.8

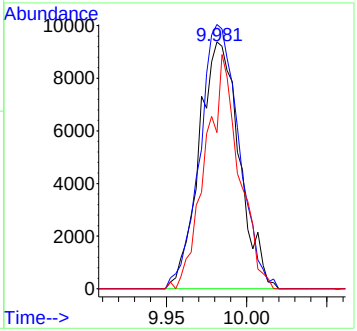


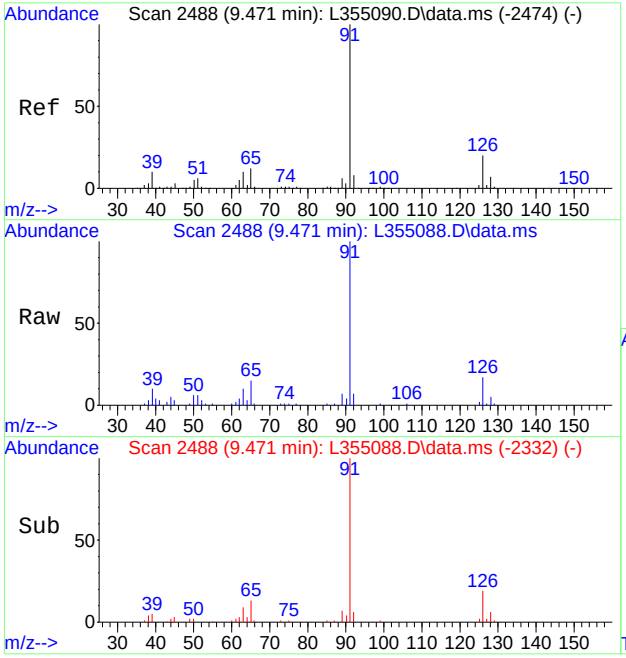


#120
hexachloroethane
Concen: 7.84 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:119 Resp: 16322

Ion	Ratio	Lower	Upper
119	100		
117	107.0	71.9	131.9
201	63.2	47.2	107.2

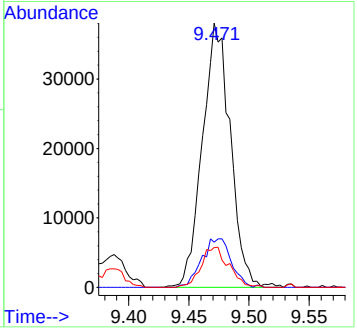


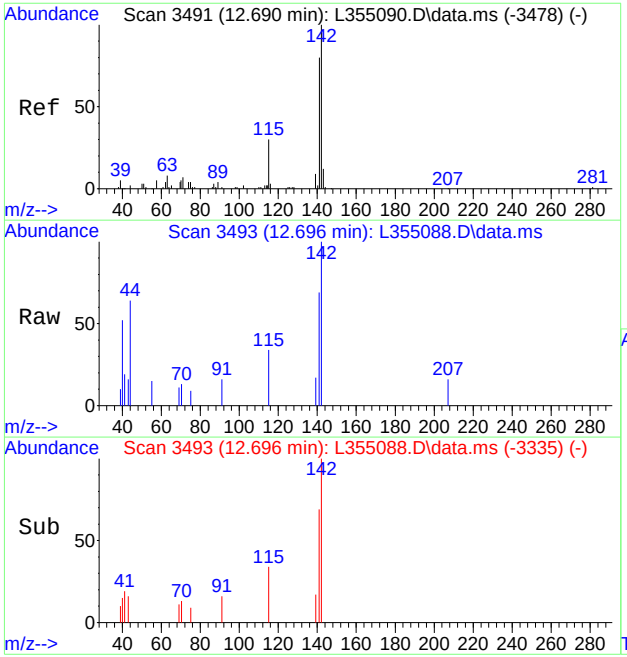


#121
benzyl chloride
Concen: 7.43 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion: 91 Resp: 61673

Ion	Ratio	Lower	Upper
91	100		
126	17.1	0.0	50.3
65	15.1	0.0	42.2

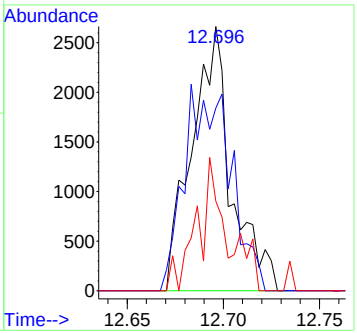




#122
2-methylnaphthalene
Concen: 1.36 ug/L
RT: 12.696 min Scan# 3493
Delta R.T. 0.006 min
Lab File: L355088.D
Acq: 29 Apr 2023 8:06 pm

Tgt Ion:142 Resp: 3812

Ion	Ratio	Lower	Upper
142	100		
141	69.2	59.9	99.9
115	33.8	10.4	50.4



Manual Integration Approval Summary

Sample Number:	VL10779-IC10779	**Method:**	SW846 8260D
Lab FileID:	L355088.D	**Analyst approved:**	05/01/23 12:21 MoHui Huang
Injection Time:	04/29/23 20:06	**Supervisor approved:**	05/02/23 09:56 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
1,4-Dioxane	123-91-1		5.19	Split peak

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355089.D
Acq On : 29 Apr 2023 8:29 pm
Operator : PrashanS
Sample : IC10779-20
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 12:39:39 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:38:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	152906	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	278796	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.764	114	391217	50.00	ug/L	0.00
72) chlorobenzene-d5	7.148	117	349448	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.340	152	138042	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	278796	50.00	ug/L	0.00
127) 1,4-dichlorobenzene-d4(a)	9.340	152	138042	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.209	113	113362	49.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.92%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	135488	47.48	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 94.96%			
73) toluene-d8 (s)	5.906	98	451753	47.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.72%			
96) 4-bromofluorobenzene (s)	8.229	95	161150	50.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.38%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.191	88	6414	746.43	ug/L #	63
3) ethanol	2.428	45	51691	2083.30	ug/L	95
4) tertiary butyl alcohol	3.050	59	52942	100.43	ug/L	97
6) chlorodifluoromethane	1.609	51	155091	20.01	ug/L #	100
7) dichlorodifluoromethane	1.597	85	120720	21.56	ug/L	98
8) chloromethane	1.747	50	128107	20.32	ug/L	97
9) vinyl chloride	1.834	62	101486	20.98	ug/L	97
10) 1,3-butadiene	1.863	54	109666	19.90	ug/L	97
11) bromomethane	2.084	96	35926	19.31	ug/L	93
12) chloroethane	2.161	64	49423	19.58	ug/L	94
13) trichlorofluoromethane	2.341	101	106132	20.91	ug/L	97
14) ethyl ether	2.521	74	44534	19.75	ug/L	96
15) acrolein	2.620	56	22239	19.84	ug/L	88
16) freon 113	2.694	151	54354	19.44	ug/L	95
17) 1,1-dichloroethene	2.694	96	55156	20.41	ug/L	95
18) acetone	2.707	58	44963	73.77	ug/L #	67
19) acetonitrile	2.896	40	65250	183.90	ug/L	84
20) iodomethane	2.809	142	57425	23.76	ug/L	96
21) iso-butyl alcohol	4.347	43	46858	210.72	ug/L	99
22) carbon disulfide	2.870	76	213589	18.41	ug/L	97
23) methylene chloride	3.025	84	63744	19.04	ug/L	85
24) methyl acetate	2.912	74	16117	19.31	ug/L	95
25) methyl tert butyl ether	3.185	73	214931	19.81	ug/L	97
26) trans-1,2-dichloroethene	3.204	96	58631	18.57	ug/L	96
27) hexane	3.377	57	151875	18.42	ug/L	98
28) di-isopropyl ether	3.487	45	317694	18.81	ug/L	98
29) ethyl tert-butyl ether	3.730	59	269682	19.47	ug/L	94
30) 2-butanone	3.852	72	45474	79.16	ug/L #	87
31) 1,1-dichloroethane	3.496	63	136953	19.26	ug/L	99
32) chloroprene	3.548	53	139696	18.98	ug/L	98
33) acrylonitrile	3.166	53	47572	20.49	ug/L	90
34) vinyl acetate	3.471	86	16817	21.85	ug/L #	89
35) ethyl acetate	3.865	45	20850	20.27	ug/L #	51
36) 2,2-dichloropropane	3.891	77	96738	18.02	ug/L	99
37) cis-1,2-dichloroethene	3.878	96	64432	18.85	ug/L	95
38) propionitrile	3.897	54	147500	186.83	ug/L	92
39) methyl acrylate	3.910	85	12585	19.27	ug/L #	91
40) bromochloromethane	4.045	128	29200	19.07	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355089.D
Acq On : 29 Apr 2023 8:29 pm
Operator : PrashanS
Sample : IC10779-20
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 12:39:39 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:38:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.058	72	13216	19.87	ug/L		89
42) chloroform	4.096	83	112744	17.88	ug/L		99
44) methacrylonitrile	4.003	67	38147	19.06	ug/L		93
45) 1,1,1-trichloroethane	4.237	97	89765	19.83	ug/L		94
46) cyclohexane	4.295	84	99770	19.60	ug/L		86
47) 1,1-dichloropropene	4.347	75	88214	19.68	ug/L		97
48) carbon tetrachloride	4.350	117	78618	19.10	ug/L		95
49) isopropyl acetate	4.462	87	18429	19.78	ug/L	#	92
50) tert amyl alcohol	4.433	55	21180	104.52	ug/L	#	81
53) tert-amyl methyl ether	4.549	73	195457	18.33	ug/L		98
54) 2,2,4-trimethylpentane	4.552	57	250872	18.05	ug/L		97
55) n-butyl alcohol	4.825	56	99990	1103.98	ug/L		95
56) benzene	4.488	78	250571	18.80	ug/L		98
57) heptane	4.661	57	58683	18.47	ug/L		90
58) 1,2-dichloroethane	4.513	62	92141	18.78	ug/L		98
59) trichloroethene	4.956	95	67034	19.65	ug/L		92
60) ethyl acrylate	4.976	55	140343	19.54	ug/L		99
61) 2-nitropropane	5.499	41	32228	19.03	ug/L		98
62) 2-chloroethyl vinyl ether	5.537	63	172212	109.04	ug/L		96
63) methyl methacrylate	5.152	100	21272	20.23	ug/L		95
64) 1,2-dichloropropane	5.152	63	80004	18.79	ug/L		95
65) methylcyclohexane	5.142	83	121116	19.10	ug/L		96
66) dibromomethane	5.226	93	37794	18.44	ug/L		95
67) bromodichloromethane	5.345	83	89295	18.33	ug/L		95
68) cis-1,3-dichloropropene	5.681	75	120642	19.63	ug/L		96
69) epichlorohydrin	5.588	57	53422	96.24	ug/L		93
70) 4-methyl-2-pentanone	5.778	58	179583	76.22	ug/L		95
71) 3-methyl-1-butanol	5.807	70	39544	399.22	ug/L		89
74) toluene	5.961	92	158276	19.60	ug/L		94
75) trans-1,3-dichloropropene	6.131	75	108402	18.62	ug/L		98
76) ethyl methacrylate	6.153	69	102519	18.98	ug/L		97
77) 1,1,2-trichloroethane	6.301	83	53161	18.32	ug/L		96
78) 2-hexanone	6.468	58	176154	73.77	ug/L		93
79) tetrachloroethene	6.397	166	64860	19.26	ug/L		99
80) 1,3-dichloropropane	6.448	76	107286	18.77	ug/L		95
81) butyl acetate	6.551	56	74943	19.34	ug/L		89
82) dibromochloromethane	6.638	129	64006	18.53	ug/L		90
83) 1,2-dibromoethane	6.747	107	62874	18.61	ug/L		98
84) n-butyl ether	7.222	57	350568	19.83	ug/L		99
85) chlorobenzene	7.174	112	163717	19.42	ug/L		95
86) 1,1,1,2-tetrachloroethane	7.247	131	54883	18.12	ug/L		98
87) ethylbenzene	7.251	91	281094	18.80	ug/L		98
88) m,p-xylene	7.366	106	220020	37.19	ug/L		92
89) o-xylene	7.722	106	110359	18.17	ug/L		96
90) butyl acrylate	7.642	55	190261	18.90	ug/L		99
91) styrene	7.735	104	181106	19.09	ug/L		95
92) bromoform	7.915	173	46384	18.24	ug/L		95
93) isopropylbenzene	8.056	105	284089	18.66	ug/L		94
94) cis-1,4-dichloro-2-butene	8.111	88	32215	19.91	ug/L		91
97) bromobenzene	8.374	156	61827	20.09	ug/L		92
98) 1,1,2,2-tetrachloroethane	8.342	83	86333	19.14	ug/L		97
99) trans-1,4-dichloro-2-b...	8.377	53	29600	20.72	ug/L		96
100) 1,2,3-trichloropropane	8.399	110	24519	20.22	ug/L		89
101) n-propylbenzene	8.451	91	316106	19.74	ug/L		97
102) 2-chlorotoluene	8.550	126	57790	18.80	ug/L	#	84
103) 4-chlorotoluene	8.659	126	57271	19.26	ug/L		96
104) 1,3,5-trimethylbenzene	8.621	105	220053	19.56	ug/L		99
105) tert-butylbenzene	8.926	119	180001	19.33	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355089.D
Acq On : 29 Apr 2023 8:29 pm
Operator : PrashanS
Sample : IC10779-20
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 12:39:39 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:38:37 2023
Response via : Initial Calibration

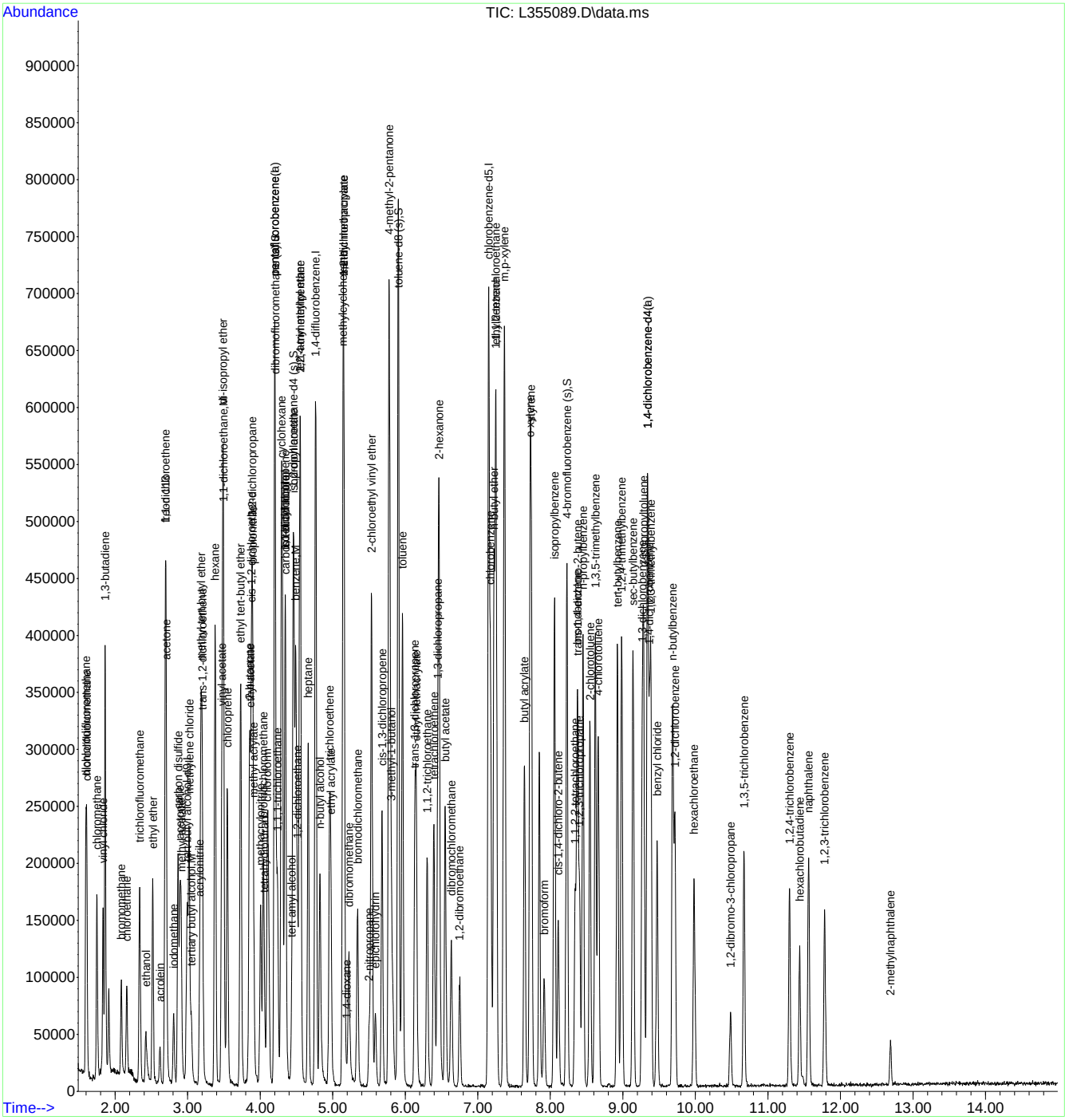
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.983	105	218652	19.45	ug/L	98
107) sec-butylbenzene	9.141	105	269883	19.91	ug/L	97
108) 1,3-dichlorobenzene	9.269	146	108737	20.48	ug/L	93
109) p-isopropyltoluene	9.288	119	208356	19.72	ug/L	97
110) 1,4-dichlorobenzene	9.365	146	94141	19.30	ug/L	96
111) 1,2,3-trimethylbenzene	9.385	105	199114	19.48	ug/L	96
112) 1,2-dichlorobenzene	9.718	146	97498	19.66	ug/L	97
113) n-butylbenzene	9.686	92	103053	20.23	ug/L	99
114) 1,2-dibromo-3-chloropr...	10.485	157	18375	20.05	ug/L	98
115) 1,3,5-trichlorobenzene	10.671	180	67502	21.29	ug/L	99
116) 1,2,4-trichlorobenzene	11.300	180	54190	21.51	ug/L	91
117) hexachlorobutadiene	11.438	225	24256	19.95	ug/L	90
118) naphthalene	11.560	128	151182	21.71	ug/L	97
119) 1,2,3-trichlorobenzene	11.782	180	47766	22.28	ug/L	89
120) hexachloroethane	9.981	119	39239	20.23	ug/L	94
121) benzyl chloride	9.471	91	152427	19.88	ug/L	97
122) 2-methylnaphthalene	12.690	142	18585	9.09	ug/L #	89

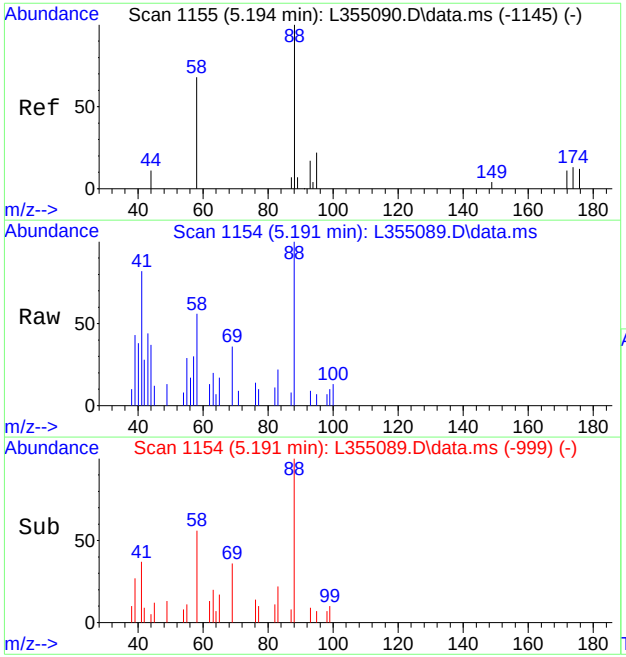
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355089.D
Acq On : 29 Apr 2023 8:29 pm
Operator : PrashanS
Sample : IC10779-20
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 12:39:39 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:38:37 2023
Response via : Initial Calibration

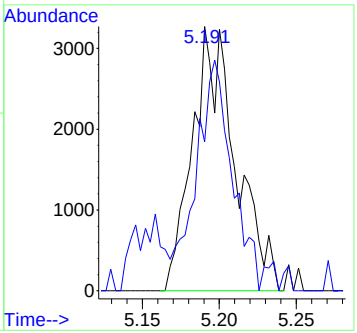


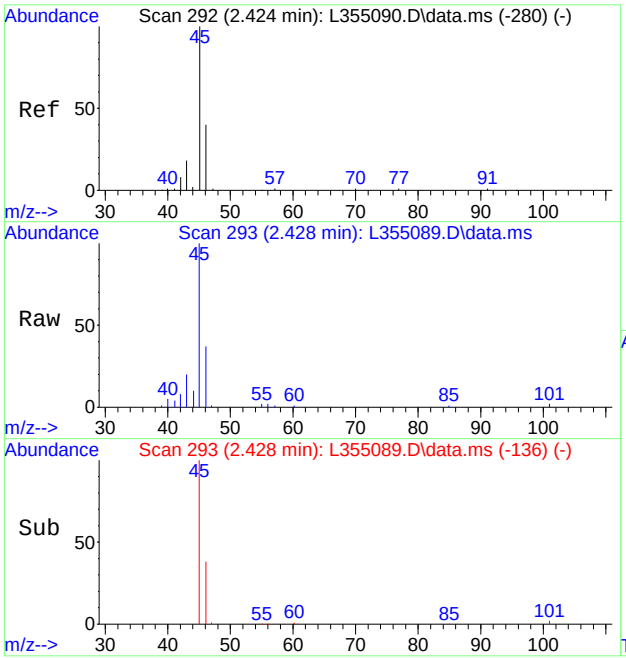


#2
1,4-dioxane
Concen: 746.43 ug/L
RT: 5.191 min Scan# 1154
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 88 Resp: 6414

Ion	Ratio	Lower	Upper
88	100		
58	49.7	53.2	113.2#

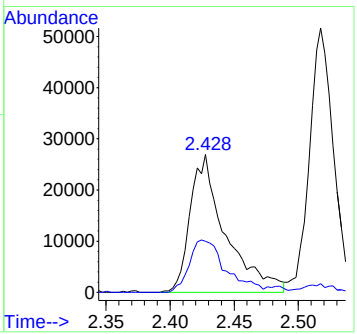


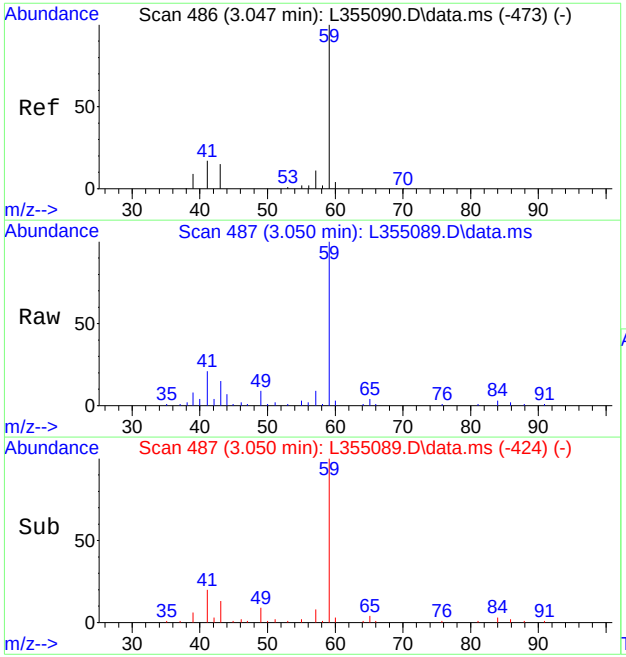


#3
ethanol
Concen: 2083.30 ug/L
RT: 2.428 min Scan# 293
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 45 Resp: 51691

Ion	Ratio	Lower	Upper
45	100		
46	37.0	20.0	60.0

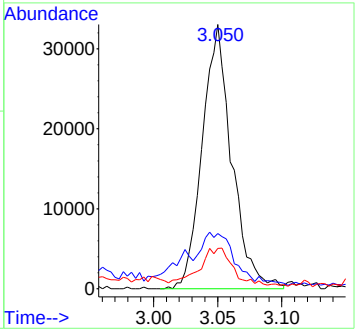


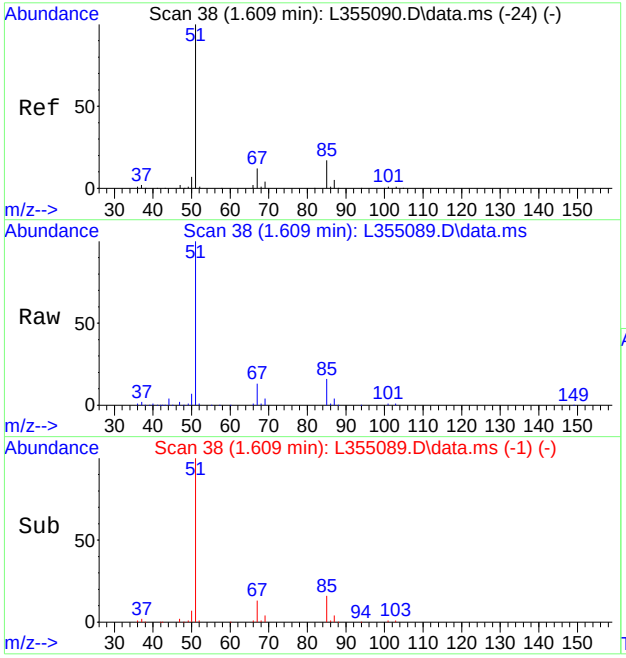


#4
tertiary butyl alcohol
Concen: 100.43 ug/L
RT: 3.050 min Scan# 487
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 59 Resp: 52942

Ion	Ratio	Lower	Upper
59	100		
41	18.8	0.0	47.4
43	13.7	0.0	44.8

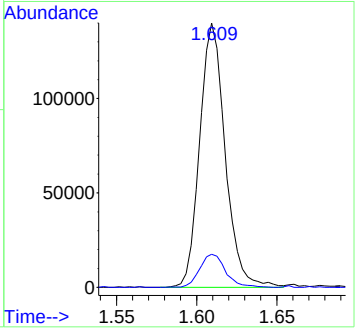


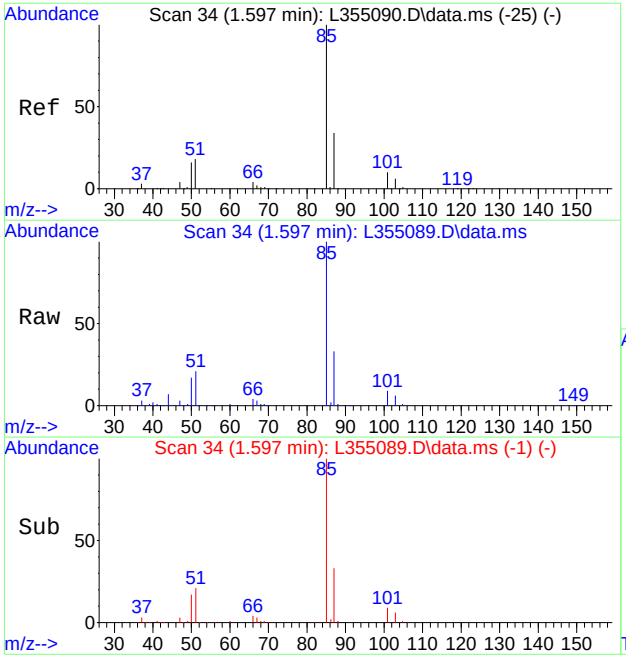


#6
chlorodifluoromethane
Concen: 20.01 ug/L
RT: 1.609 min Scan# 38
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 51 Resp: 155091

Ion	Ratio	Lower	Upper
51	100		
67	12.5	12.4	12.4#

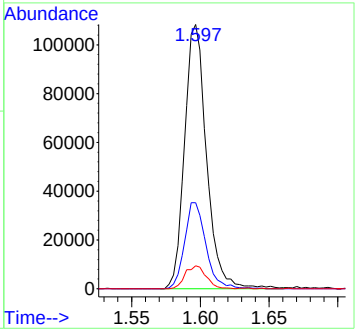


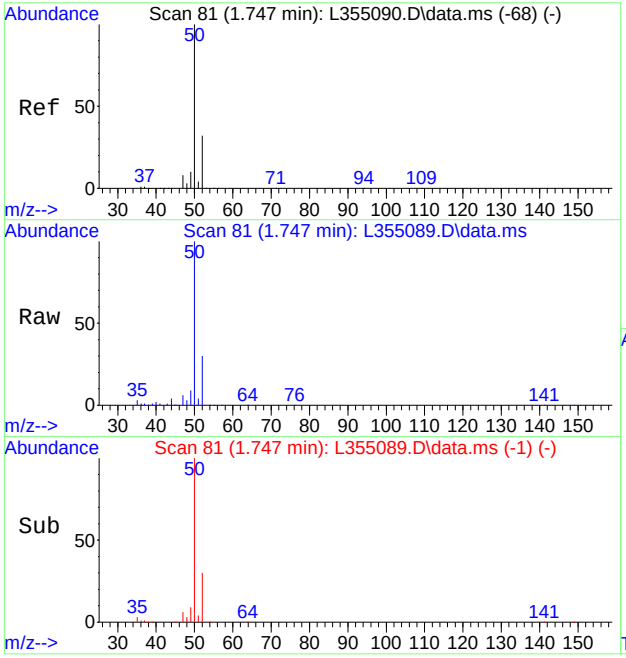


#7
dichlorodifluoromethane
Concen: 21.56 ug/L
RT: 1.597 min Scan# 34
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 85 Resp: 120720

Ion	Ratio	Lower	Upper
85	100		
87	32.5	3.9	63.9
101	8.8	0.0	39.7

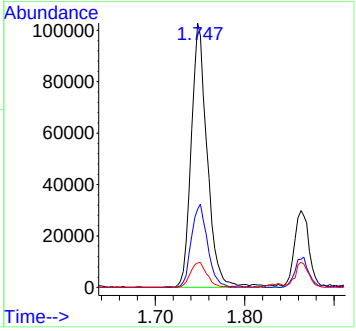


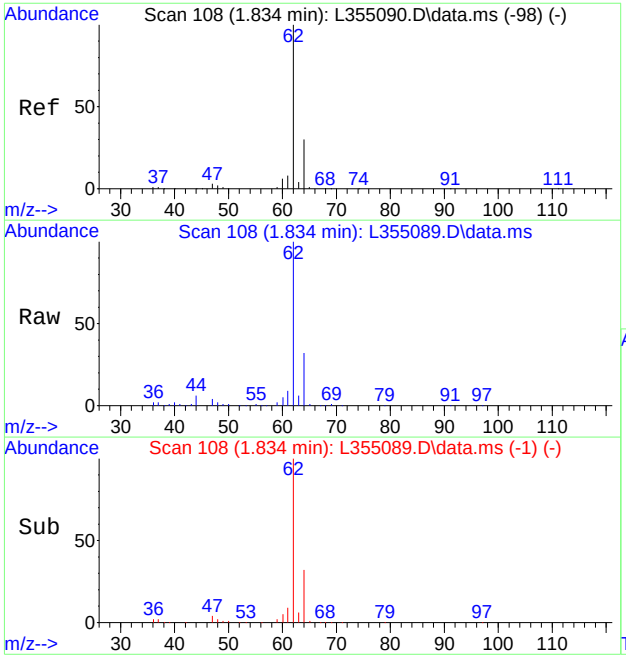


#8
chloromethane
Concen: 20.32 ug/L
RT: 1.747 min Scan# 81
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 50 Resp: 128107

Ion	Ratio	Lower	Upper
50	100		
52	29.6	1.7	61.7
49	9.2	0.0	40.1

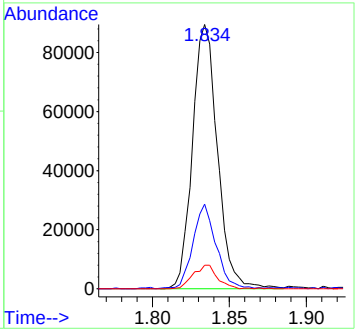


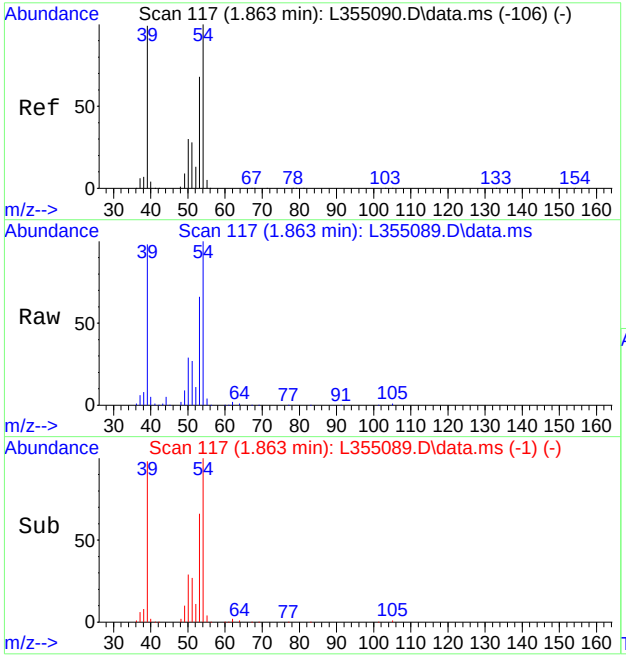


#9
vinyl chloride
Concen: 20.98 ug/L
RT: 1.834 min Scan# 108
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 62 Resp: 101486

Ion	Ratio	Lower	Upper
62	100		
64	31.8	0.0	60.0
61	8.9	0.0	37.5

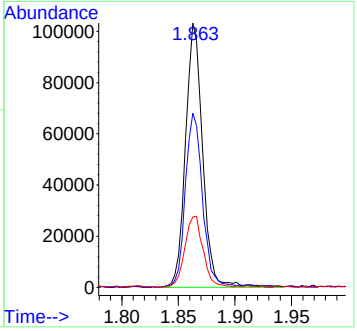


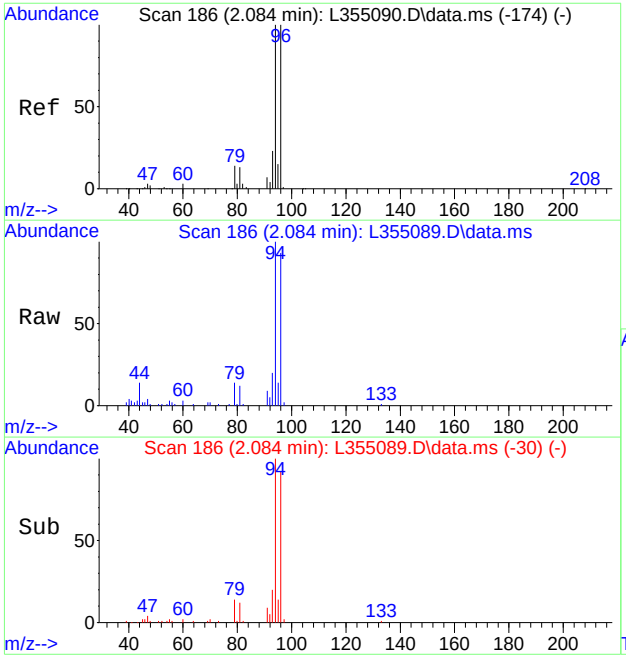


#10
1,3-butadiene
Concen: 19.90 ug/L
RT: 1.863 min Scan# 117
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 54 Resp: 109666

Ion	Ratio	Lower	Upper
54	100		
53	65.7	38.4	98.4
51	26.7	0.0	57.9

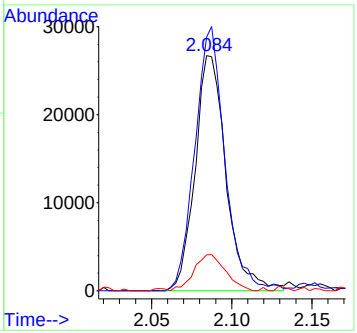


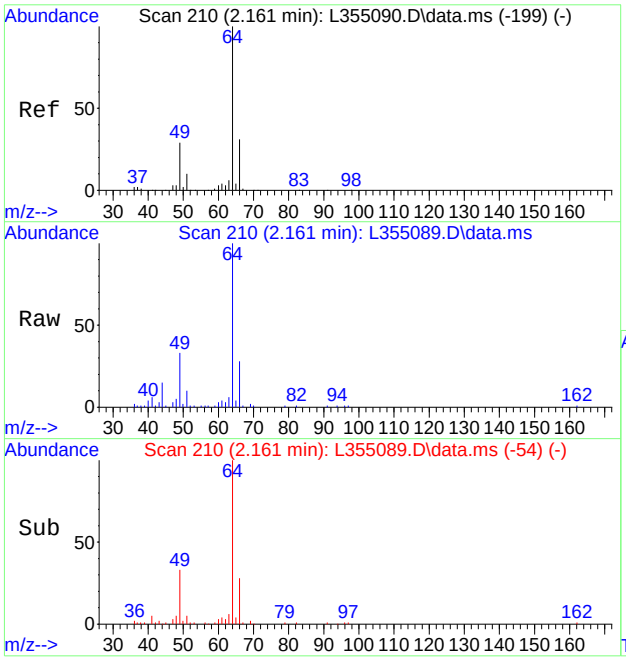


#11
bromomethane
Concen: 19.31 ug/L
RT: 2.084 min Scan# 186
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 96 Resp: 35926

Ion	Ratio	Lower	Upper
96	100		
94	107.9	70.4	130.4
95	14.3	0.0	44.4

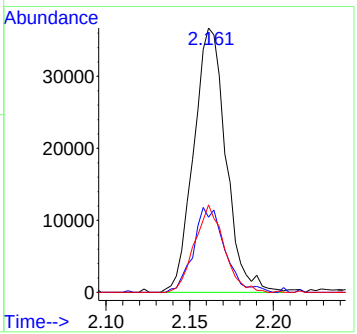


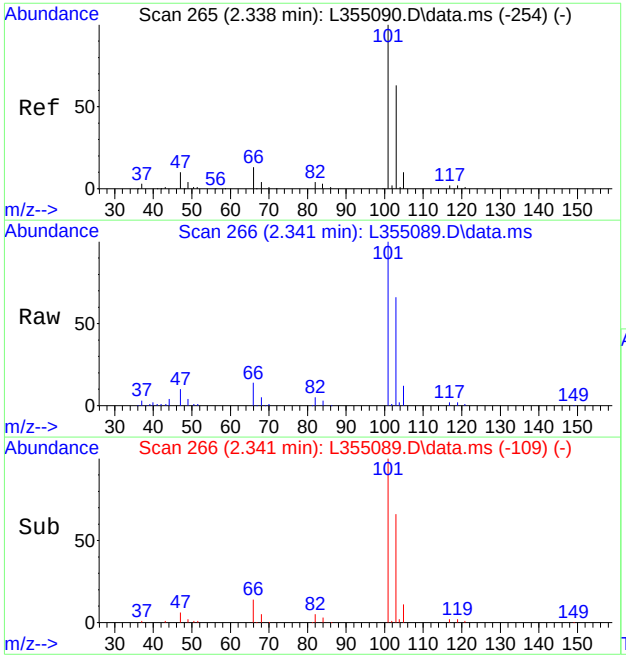


#12
chloroethane
Concen: 19.58 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 64 Resp: 49423

Ion	Ratio	Lower	Upper
64	100		
66	28.5	1.3	61.3
49	33.1	0.0	58.9

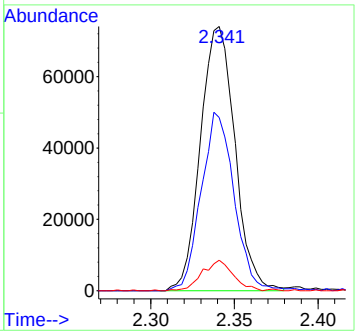


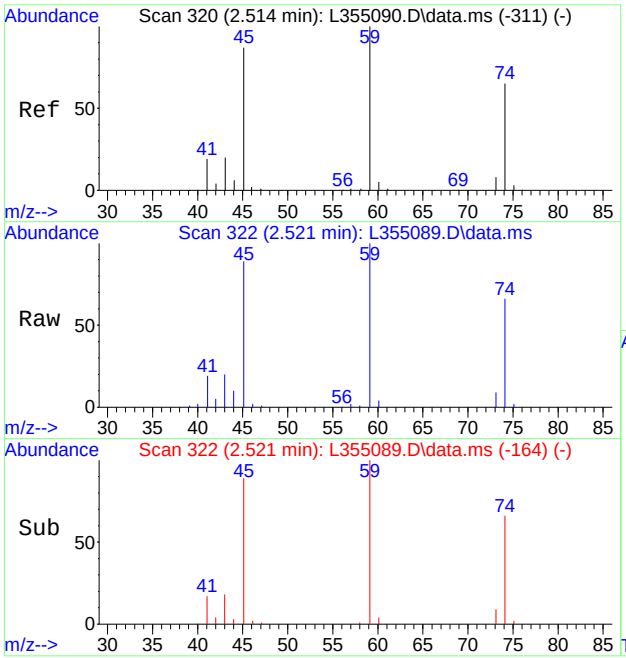


#13
trichlorofluoromethane
Concen: 20.91 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:101 Resp: 106132

Ion	Ratio	Lower	Upper
101	100		
103	65.5	32.9	92.9
105	11.6	0.0	40.4

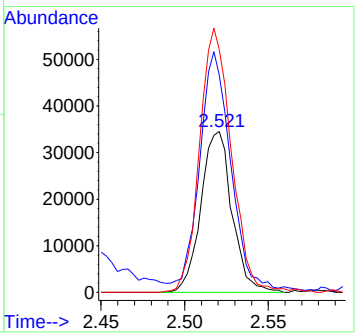


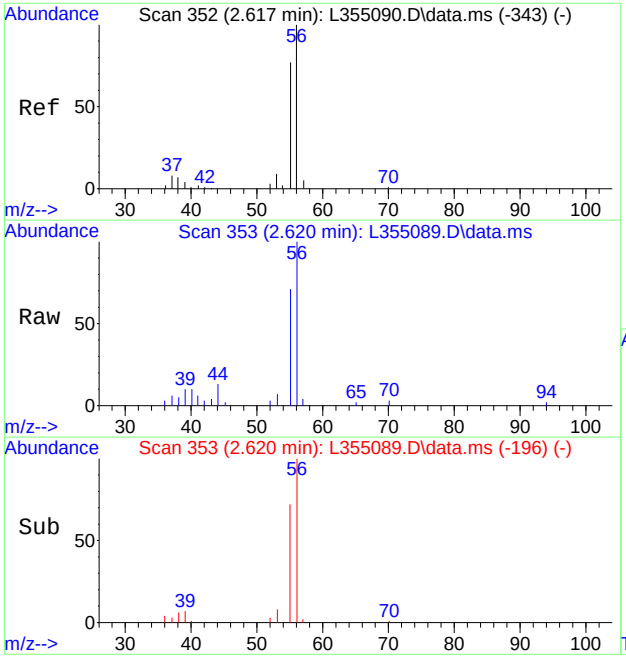


#14
ethyl ether
Concen: 19.75 ug/L
RT: 2.521 min Scan# 322
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 74 Resp: 44534

Ion	Ratio	Lower	Upper
74	100		
45	131.6	108.0	168.0
59	151.1	124.3	184.3

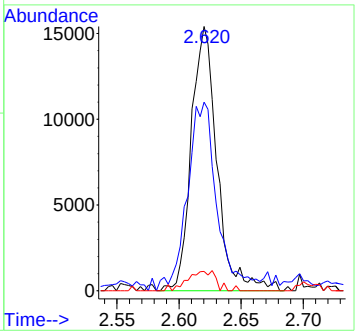


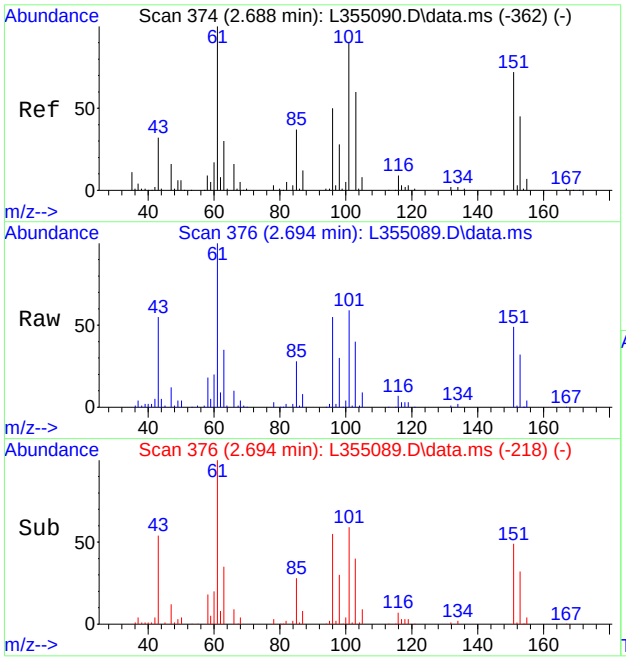


#15
acrolein
Concen: 19.84 ug/L
RT: 2.620 min Scan# 353
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 56 Resp: 22239

Ion	Ratio	Lower	Upper
56	100		
55	67.8	48.6	108.6
53	7.3	0.0	38.7

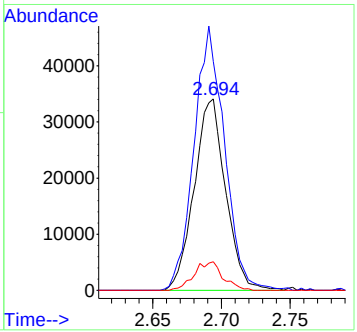


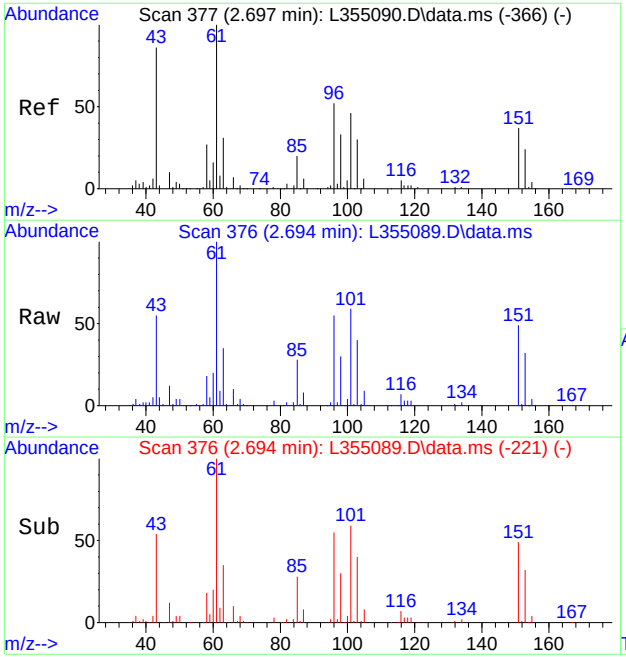


#16
freon 113
Concen: 19.44 ug/L
RT: 2.694 min Scan# 376
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:151 Resp: 54354

Ion	Ratio	Lower	Upper
151	100		
101	119.4	105.0	145.0
116	15.0	0.0	31.9

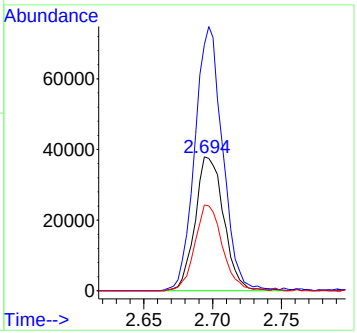


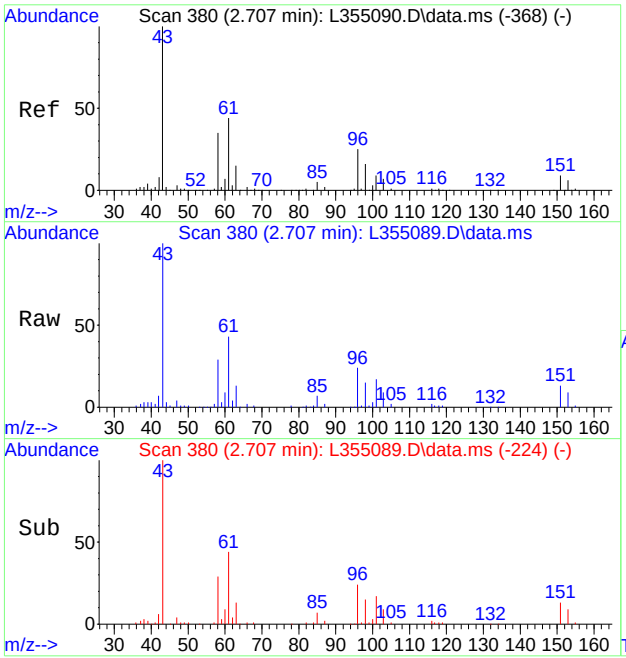


#17
1,1-dichloroethene
Concen: 20.41 ug/L
RT: 2.694 min Scan# 376
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 96 Resp: 55156

Ion	Ratio	Lower	Upper
96	100		
61	183.4	160.9	220.9
63	63.9	29.9	89.9

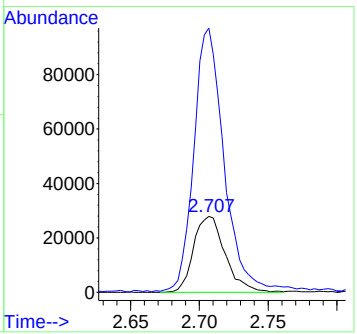


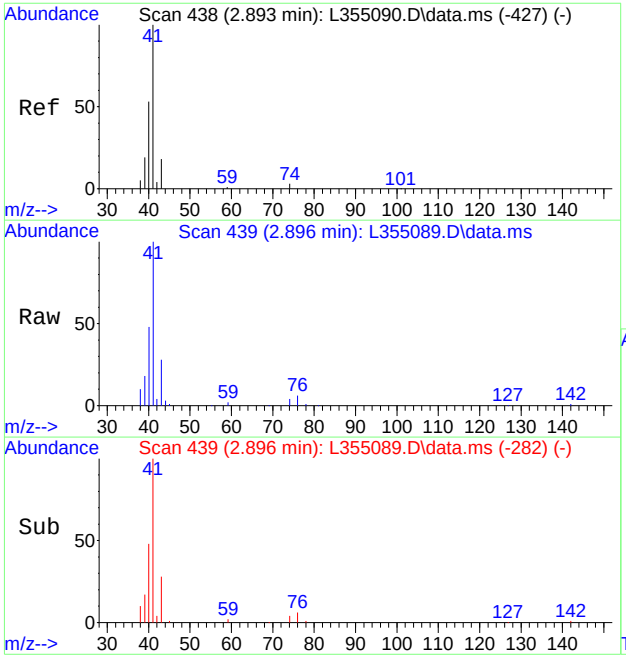


#18
acetone
Concen: 73.77 ug/L
RT: 2.707 min Scan# 380
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 58 Resp: 44963

Ion	Ratio	Lower	Upper
58	100		
43	345.9	253.7	313.7#

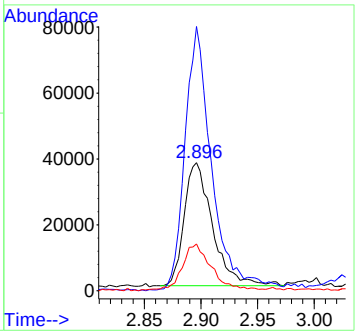


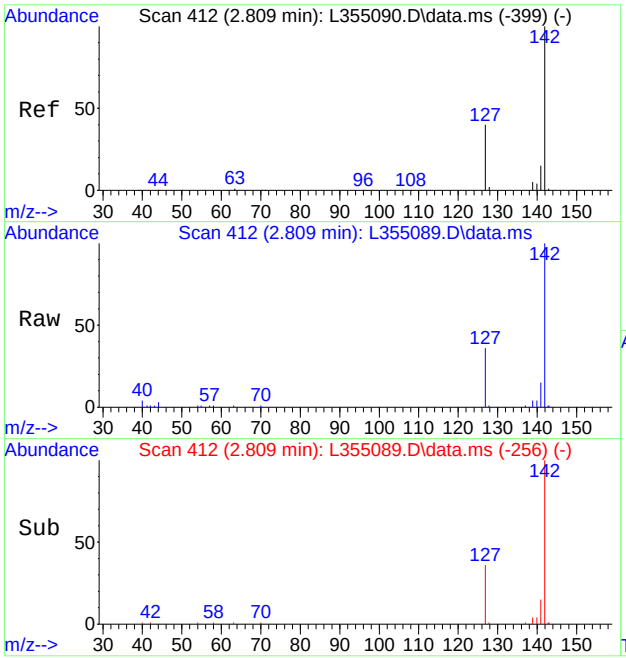


#19
acetonitrile
Concen: 183.90 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 40 Resp: 65250

Ion	Ratio	Lower	Upper
40	100		
41	213.4	156.9	216.9
39	37.3	5.5	65.5

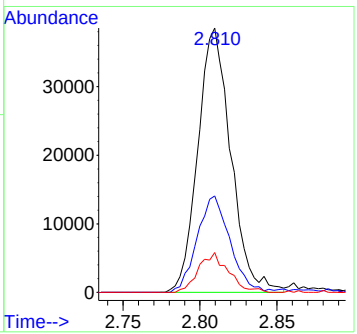


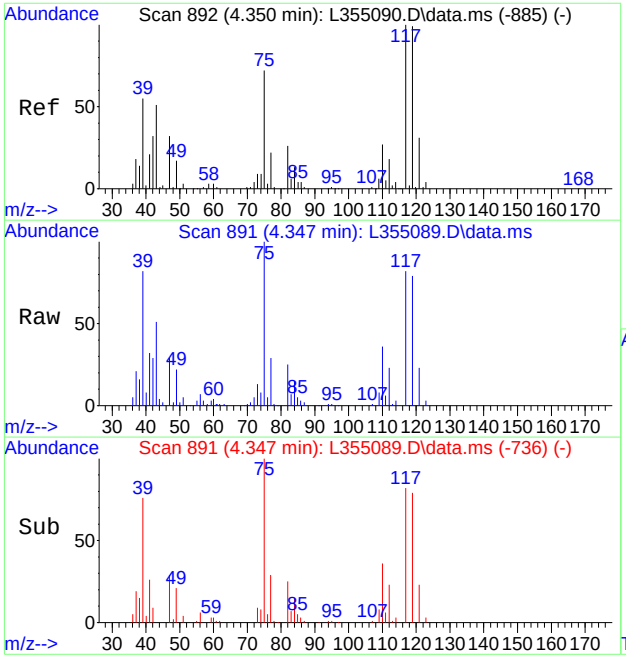


#20
iodomethane
Concen: 23.76 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:142 Resp: 57425

Ion	Ratio	Lower	Upper
142	100		
127	36.5	9.8	69.8
141	15.1	0.0	45.4

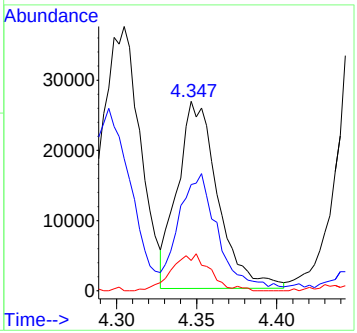


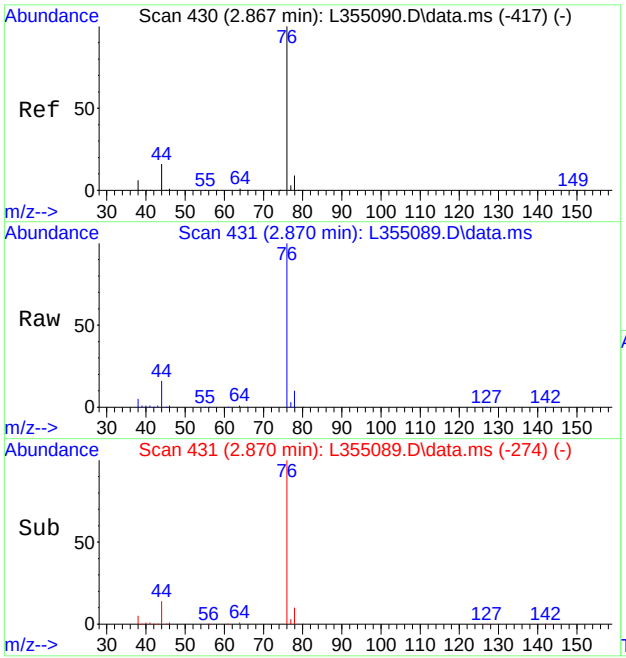


#21
iso-butyl alcohol
Concen: 210.72 ug/L
RT: 4.347 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 43 Resp: 46858

Ion	Ratio	Lower	Upper
43	100		
42	56.4	26.5	86.5
74	16.7	0.0	48.2

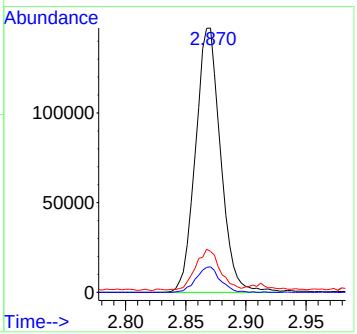


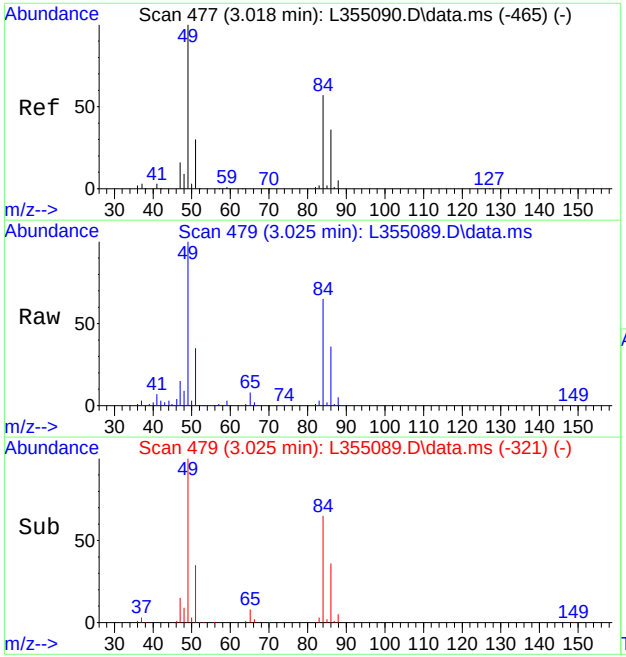


#22
carbon disulfide
Concen: 18.41 ug/L
RT: 2.870 min Scan# 431
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 76 Resp: 213589

Ion	Ratio	Lower	Upper
76	100		
78	9.7	0.0	39.1
44	14.3	0.0	45.8

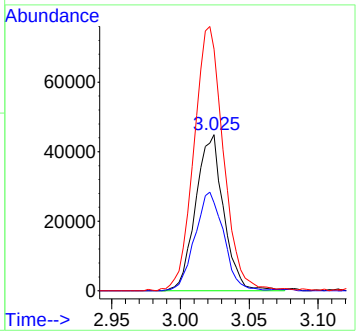


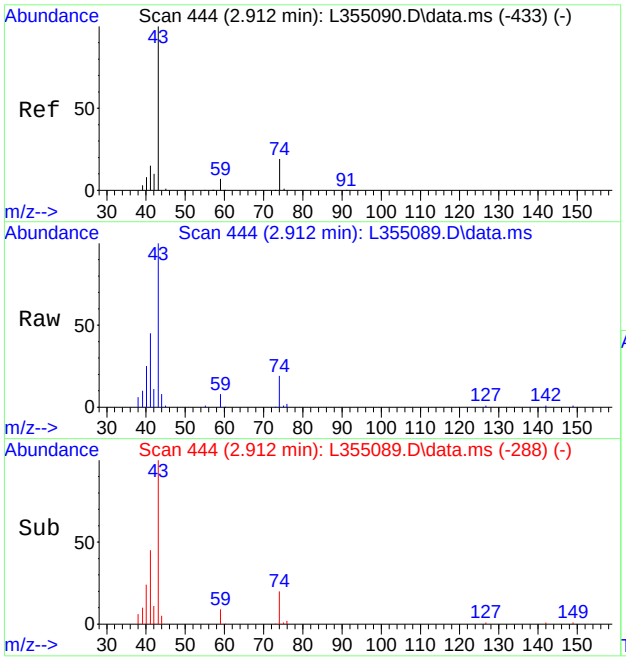


#23
methylene chloride
Concen: 19.04 ug/L
RT: 3.025 min Scan# 479
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 84 Resp: 63744

Ion	Ratio	Lower	Upper
84	100		
86	56.4	33.9	93.9
49	153.3	146.7	206.7

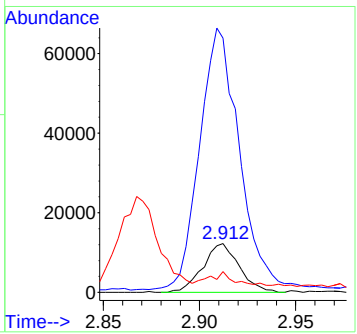


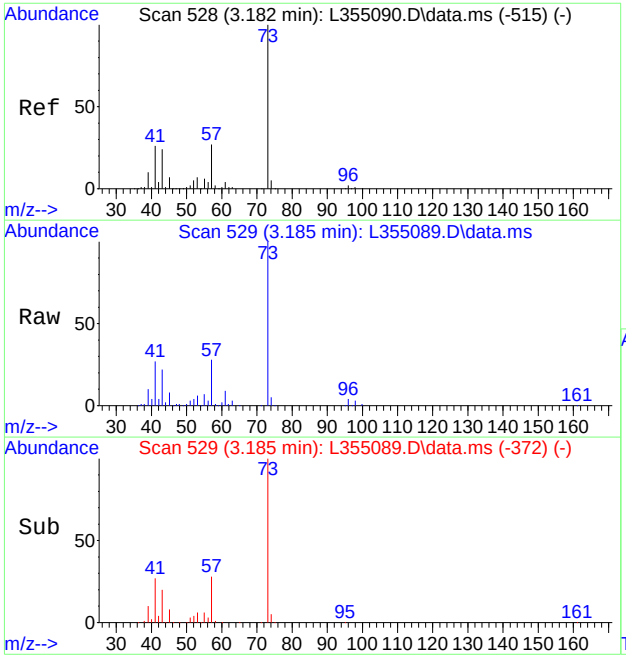


#24
methyl acetate
Concen: 19.31 ug/L
RT: 2.912 min Scan# 444
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 74 Resp: 16117

Ion	Ratio	Lower	Upper
74	100		
43	512.1	495.9	555.9
44	28.8	0.0	47.9

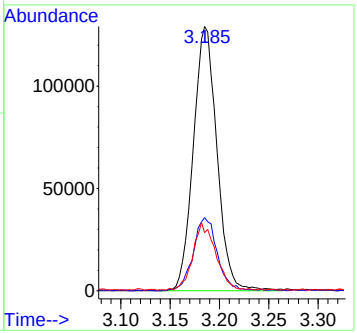


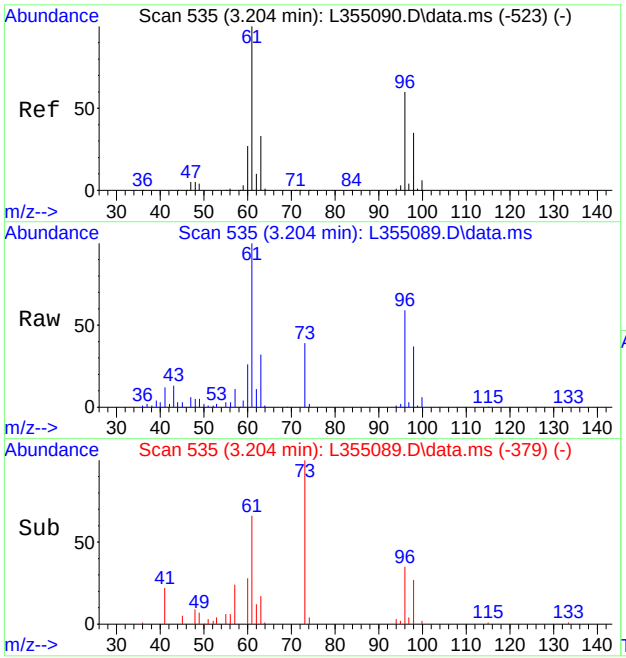


#25
methyl tert butyl ether
Concen: 19.81 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 73 Resp: 214931

Ion	Ratio	Lower	Upper
73	100		
57	27.7	0.0	57.4
43	21.5	0.0	54.2

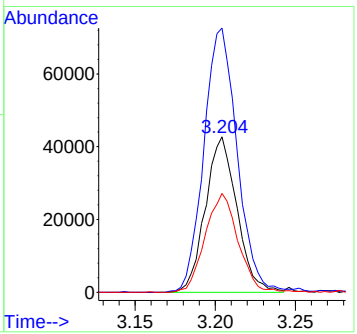


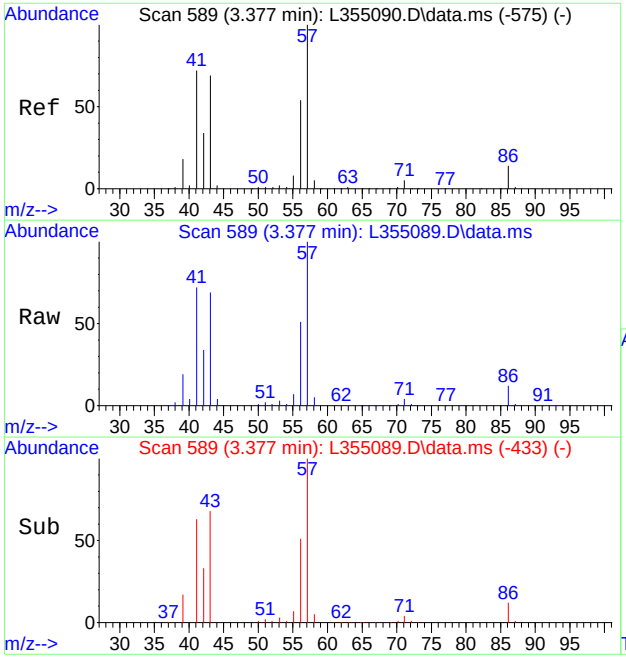


#26
trans-1,2-dichloroethene
Concen: 18.57 ug/L
RT: 3.204 min Scan# 535
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 96 Resp: 58631

Ion	Ratio	Lower	Upper
96	100		
61	170.1	136.4	196.4
98	63.7	28.2	88.2

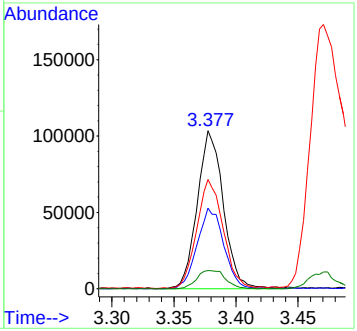


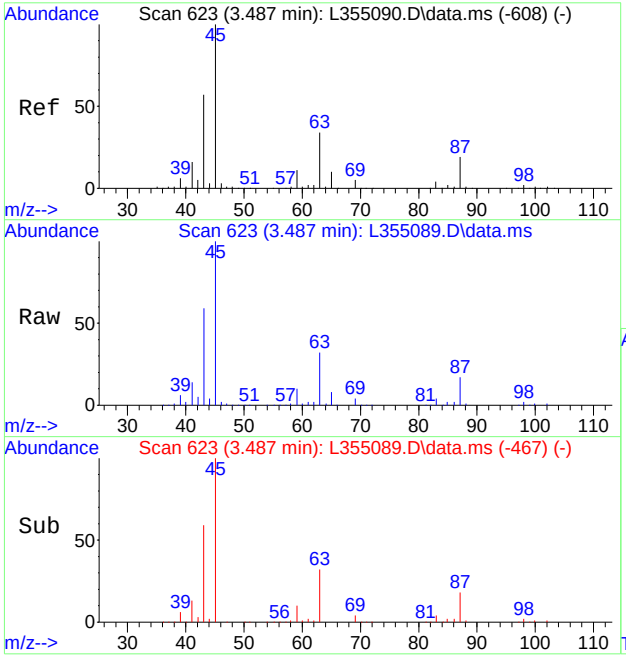


#27
hexane
Concen: 18.42 ug/L
RT: 3.377 min Scan# 589
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 57 Resp: 151875

Ion	Ratio	Lower	Upper
57	100		
56	50.9	33.8	73.8
43	68.9	49.1	89.1
86	11.6	0.0	34.3

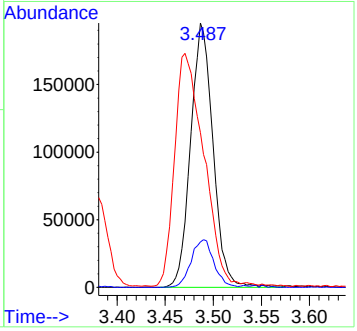


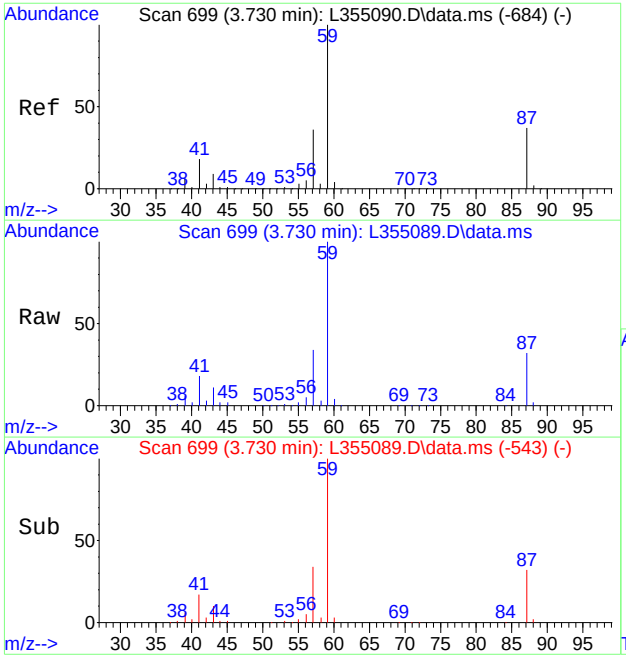


#28
di-isopropyl ether
Concen: 18.81 ug/L
RT: 3.487 min Scan# 623
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 45 Resp: 317694

Ion	Ratio	Lower	Upper
45	100		
87	17.2	0.0	49.3
43	57.8	27.4	87.4

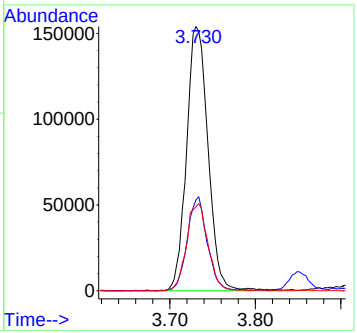


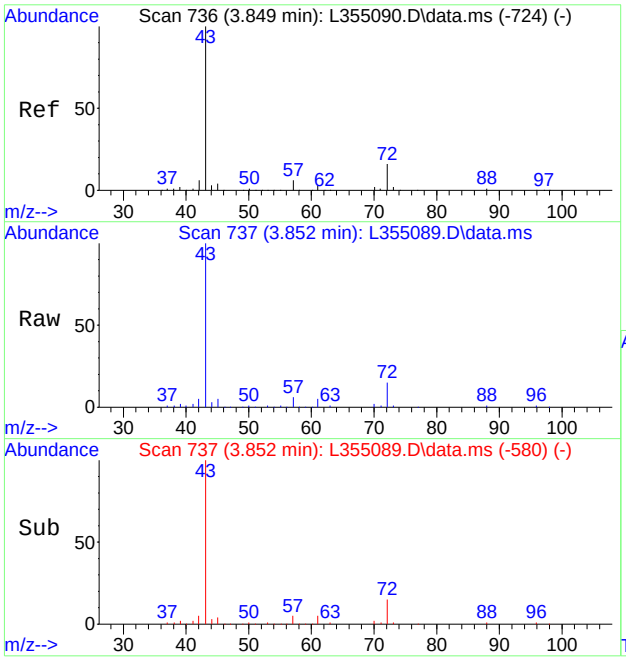


#29
ethyl tert-butyl ether
Concen: 19.47 ug/L
RT: 3.730 min Scan# 699
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 59 Resp: 269682

Ion	Ratio	Lower	Upper
59	100		
57	34.1	5.9	65.9
87	31.7	6.7	66.7

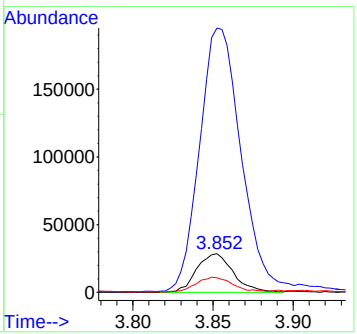


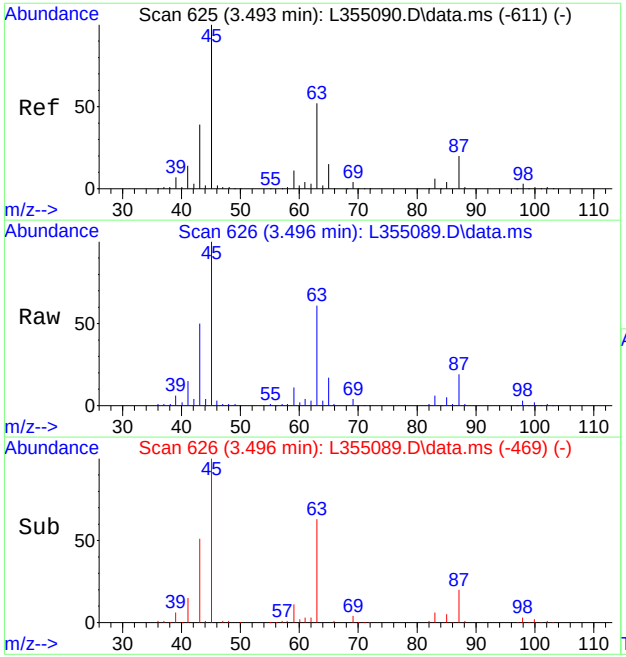


#30
2-butanone
Concen: 79.16 ug/L
RT: 3.852 min Scan# 737
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 72 Resp: 45474

Ion	Ratio	Lower	Upper
72	100		
43	677.5	604.7	664.7#
57	35.7	10.0	70.0

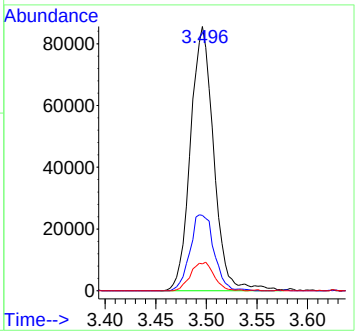


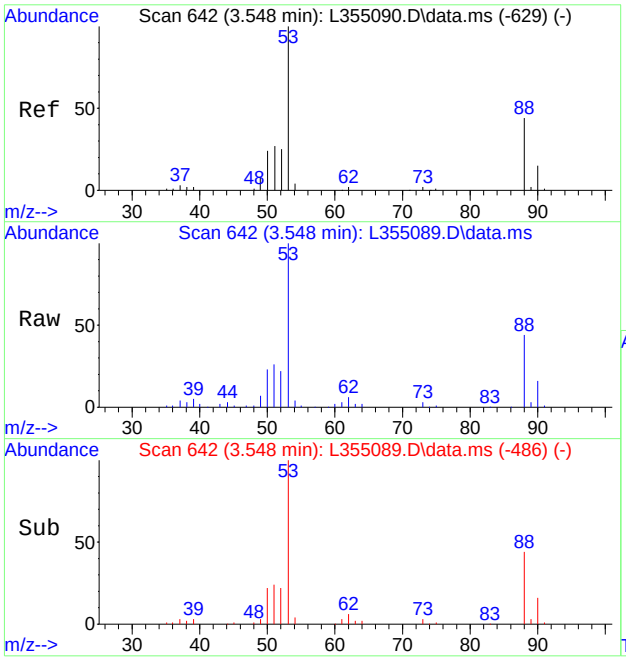


#31
1,1-dichloroethane
Concen: 19.26 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 63 Resp: 136953

Ion	Ratio	Lower	Upper
63	100		
65	28.6	0.0	59.0
83	10.3	0.0	41.4

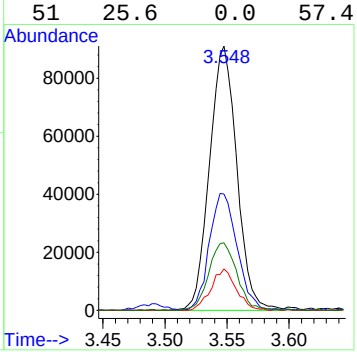


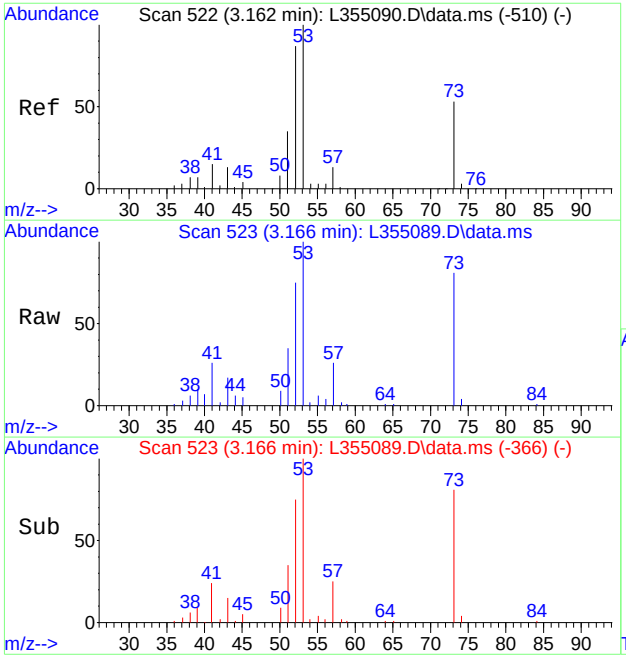


#32
chloroprene
Concen: 18.98 ug/L
RT: 3.548 min Scan# 642
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 53 Resp: 139696

Ion	Ratio	Lower	Upper
53	100		
88	43.5	14.5	74.5
90	15.8	0.0	45.2
51	25.6	0.0	57.4

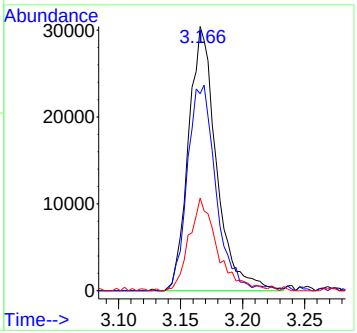


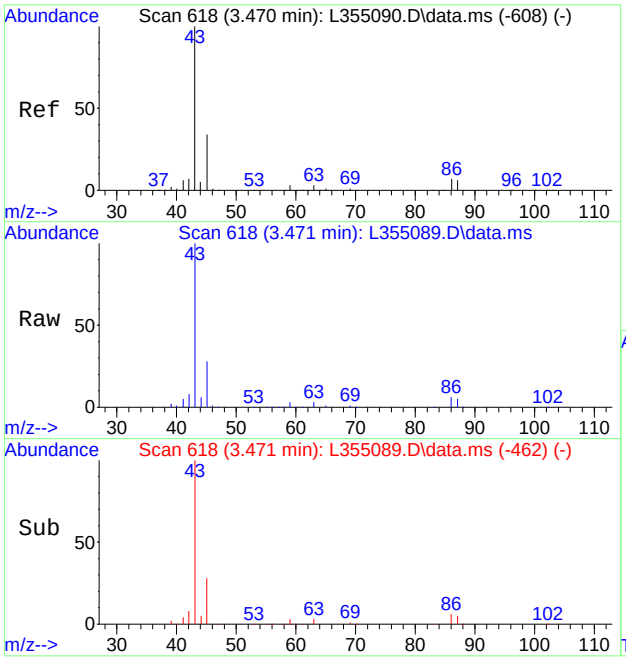


#33
acrylonitrile
Concen: 20.49 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 53 Resp: 47572

Ion	Ratio	Lower	Upper
53	100		
52	74.5	57.3	117.3
51	35.1	5.3	65.3

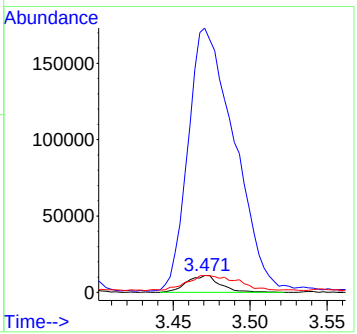


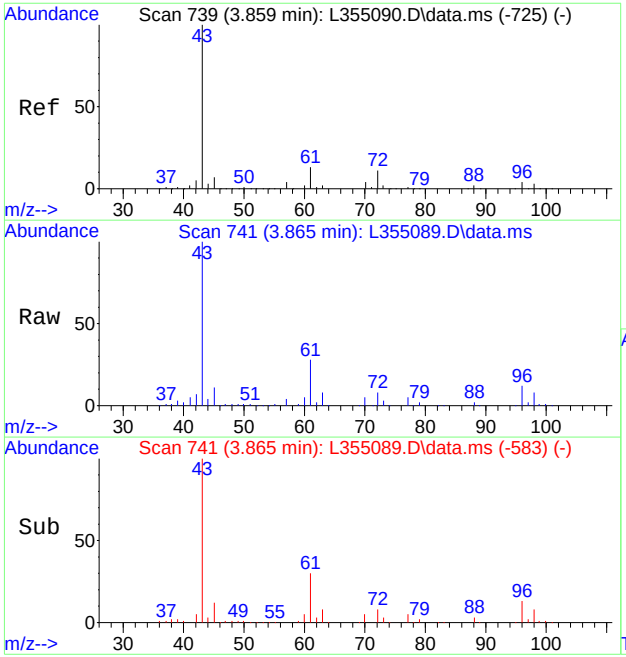


#34
vinyl acetate
Concen: 21.85 ug/L
RT: 3.471 min Scan# 618
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 86 Resp: 16817

Ion	Ratio	Lower	Upper
86	100		
43	1553.4	1461.6	1521.6#
44	87.6	45.2	105.2

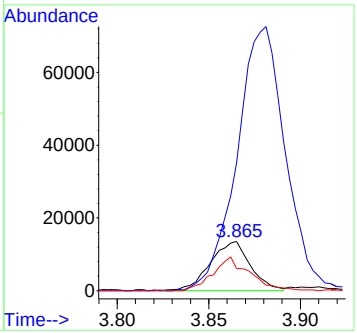


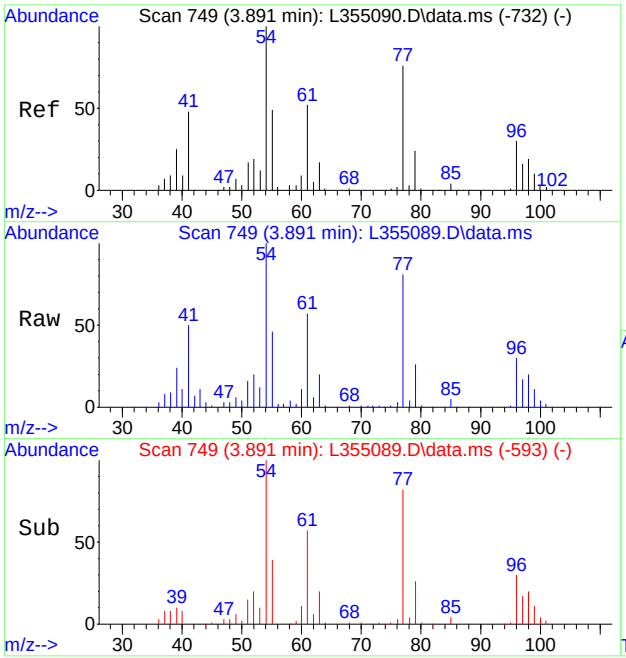


#35
ethyl acetate
Concen: 20.27 ug/L
RT: 3.865 min Scan# 741
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 45 Resp: 20850

Ion	Ratio	Lower	Upper
45	100		
61	258.3	146.7	206.7#
70	43.0	27.4	87.4

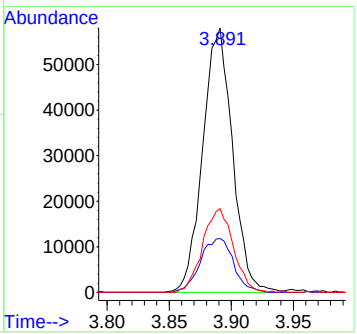


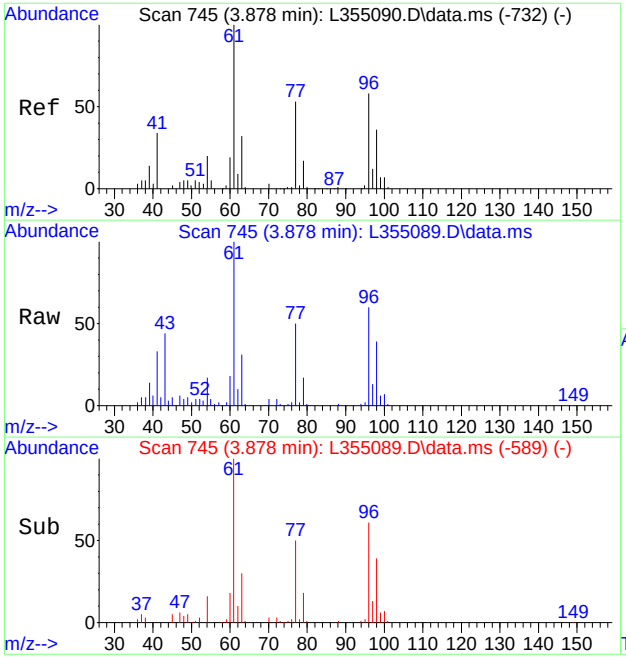


#36
2,2-dichloropropane
Concen: 18.02 ug/L
RT: 3.891 min Scan# 749
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 77 Resp: 96738

Ion	Ratio	Lower	Upper
77	100		
97	20.4	0.0	51.0
79	31.7	1.4	61.4

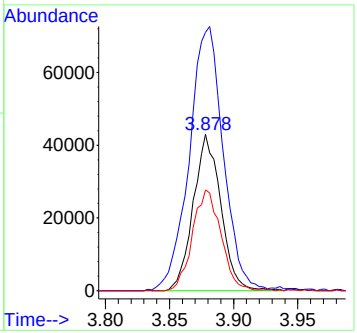


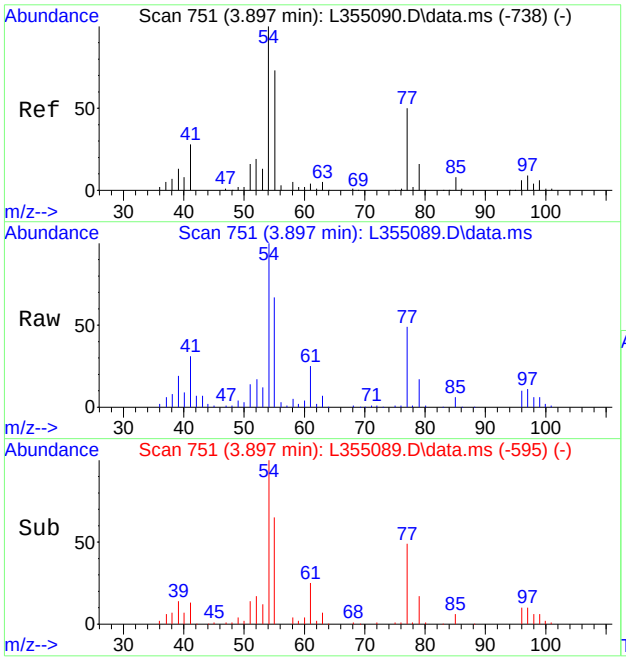


#37
cis-1,2-dichloroethene
Concen: 18.85 ug/L
RT: 3.878 min Scan# 745
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 96 Resp: 64432

Ion	Ratio	Lower	Upper
96	100		
61	164.0	141.8	201.8
98	64.5	32.2	92.2

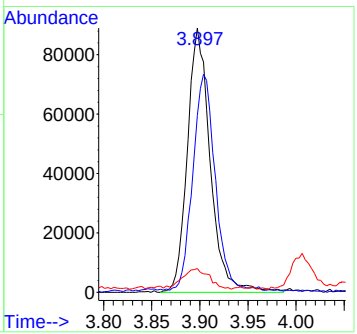


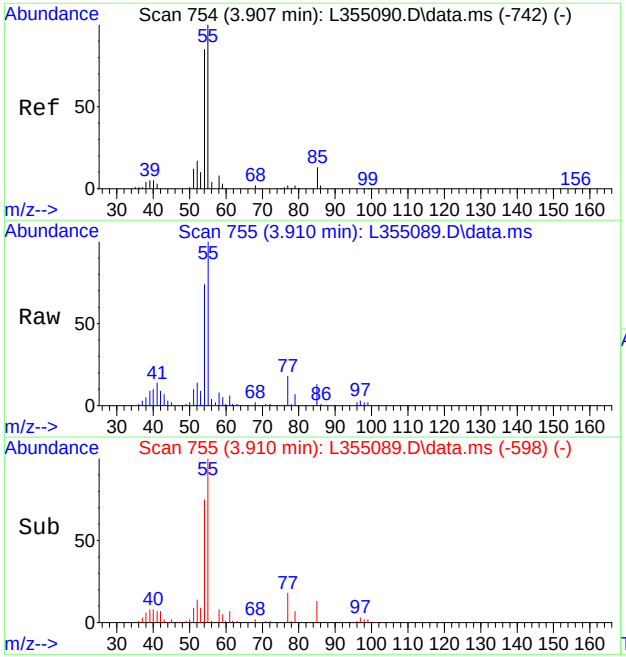


#38
propionitrile
Concen: 186.83 ug/L
RT: 3.897 min Scan# 751
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 54 Resp: 147500

Ion	Ratio	Lower	Upper
54	100		
55	66.4	43.2	103.2
40	6.7	0.0	38.0

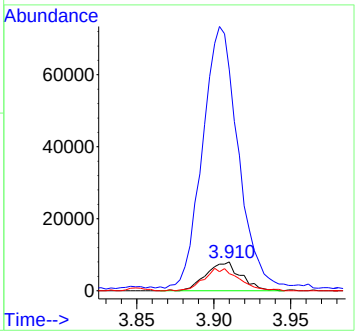


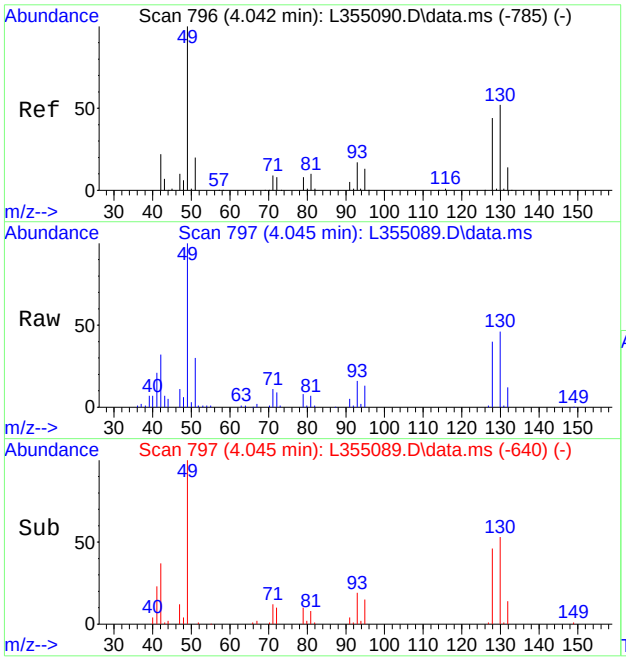


#39
methyl acrylate
Concen: 19.27 ug/L
RT: 3.910 min Scan# 755
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 85 Resp: 12585

Ion	Ratio	Lower	Upper
85	100		
55	746.4	762.7	802.7#
58	59.4	40.5	80.5

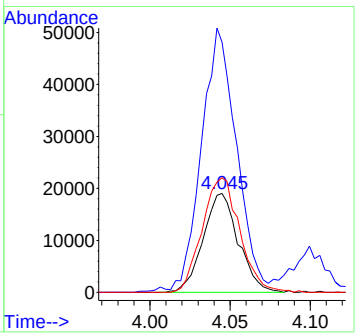


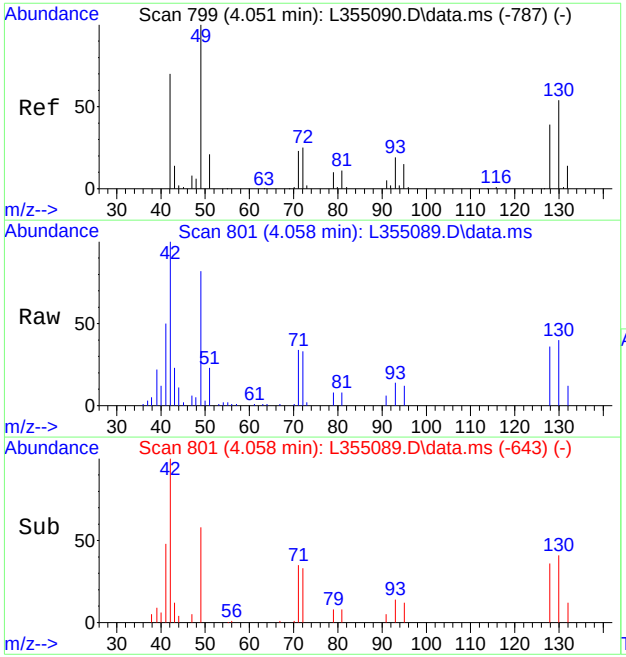


#40
bromochloromethane
Concen: 19.07 ug/L
RT: 4.045 min Scan# 797
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:128 Resp: 29200

Ion	Ratio	Lower	Upper
128	100		
49	247.2	196.9	256.9
130	115.7	87.7	147.7

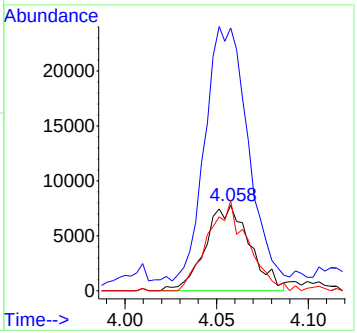


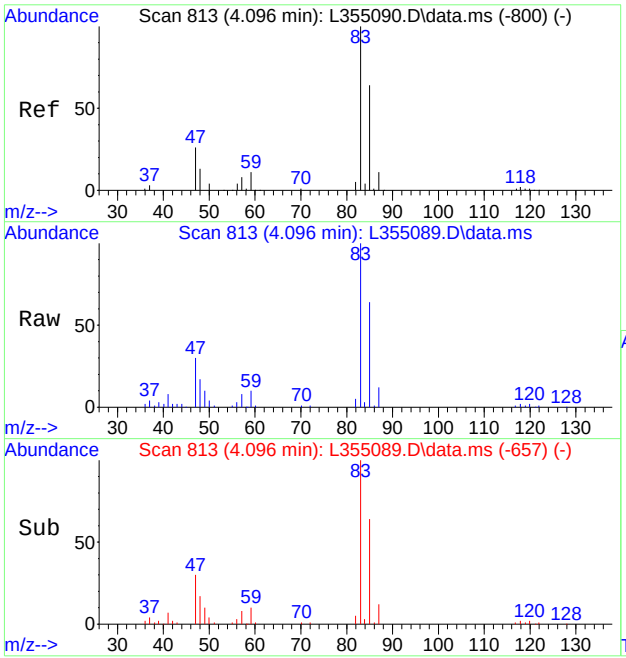


#41
tetrahydrofuran
Concen: 19.87 ug/L
RT: 4.058 min Scan# 801
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 72 Resp: 13216

Ion	Ratio	Lower	Upper
72	100		
42	294.4	246.3	306.3
71	105.4	61.6	121.6

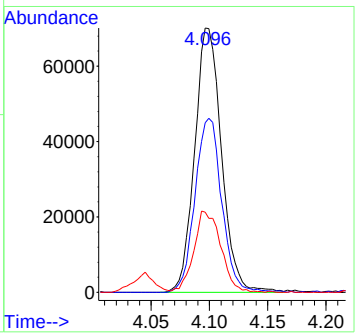


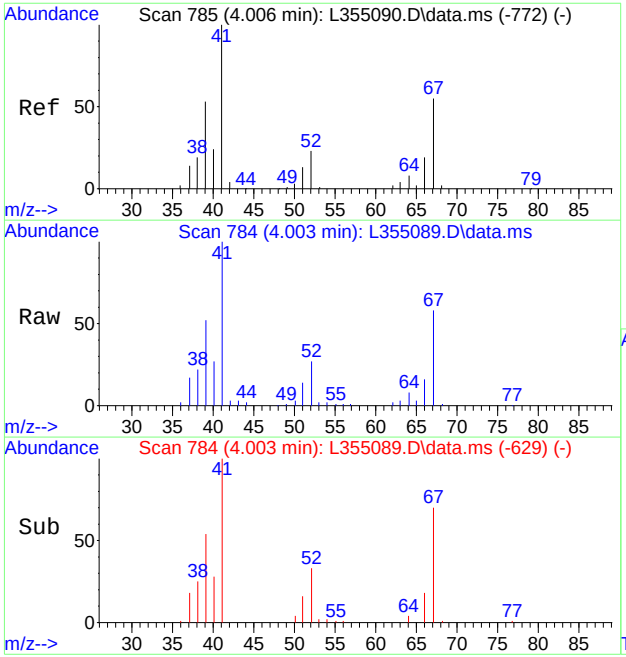


#42
chloroform
Concen: 17.88 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 83 Resp: 112744

Ion	Ratio	Lower	Upper
83	100		
85	64.2	34.3	94.3
47	30.3	0.0	59.3

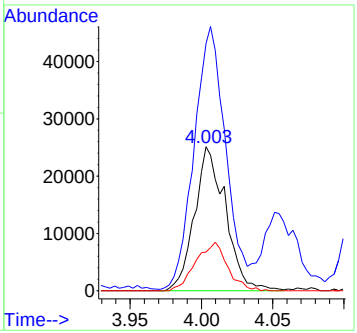


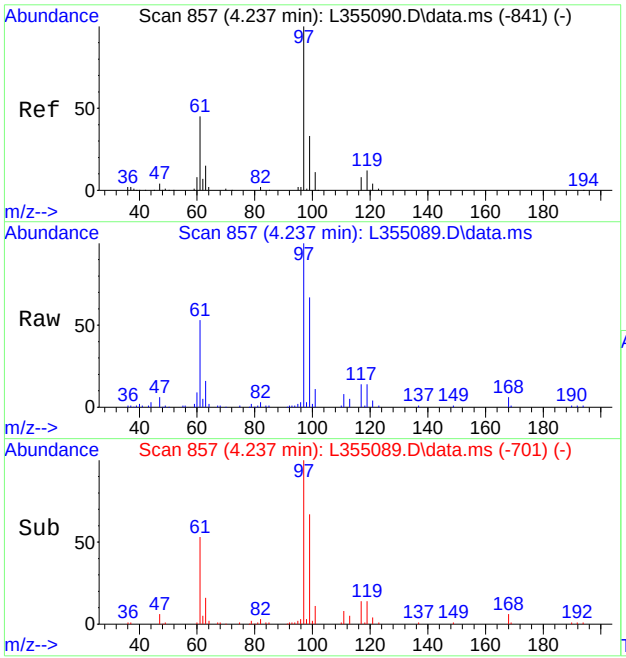


#44
methacrylonitrile
Concen: 19.06 ug/L
RT: 4.003 min Scan# 784
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 67 Resp: 38147

Ion	Ratio	Lower	Upper
67	100		
41	170.7	150.2	210.2
66	26.9	3.6	63.6

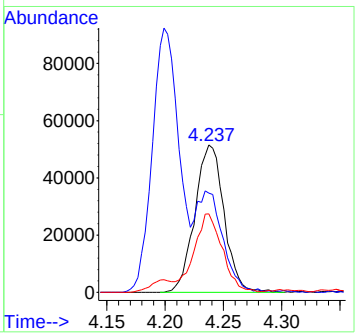


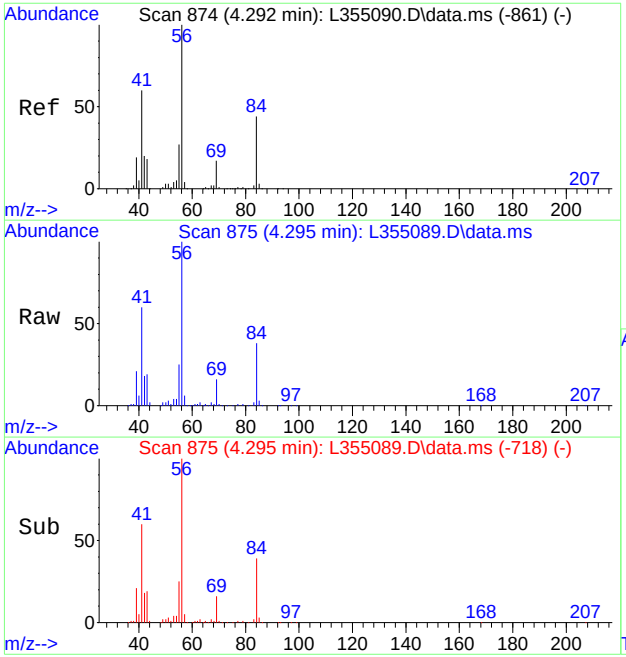


#45
1,1,1-trichloroethane
Concen: 19.83 ug/L
RT: 4.237 min Scan# 857
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 97 Resp: 89765

Ion	Ratio	Lower	Upper
97	100		
99	66.0	33.3	93.3
61	51.9	14.9	74.9

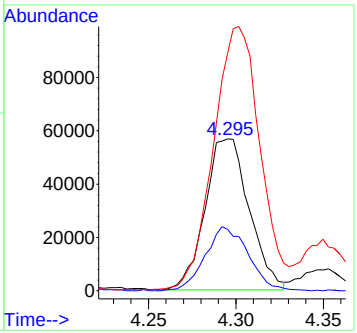


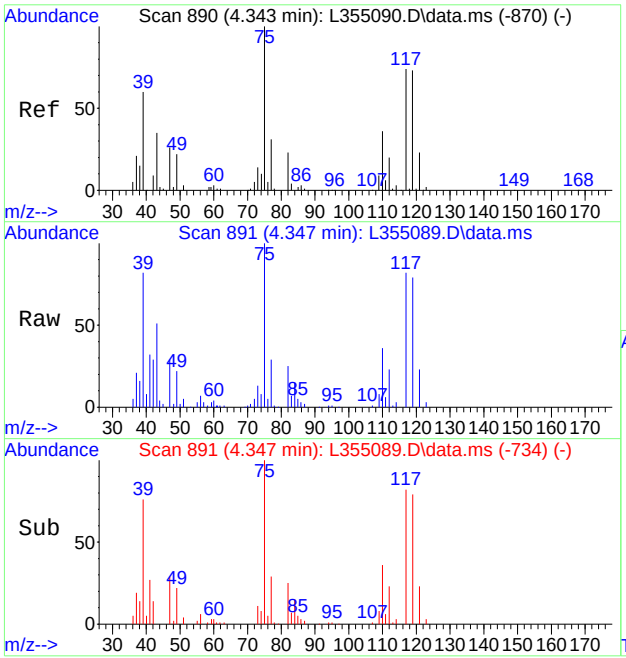


#46
cyclohexane
Concen: 19.60 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 84 Resp: 99770

Ion	Ratio	Lower	Upper
84	100		
69	40.2	17.8	57.8
41	156.1	116.7	156.7

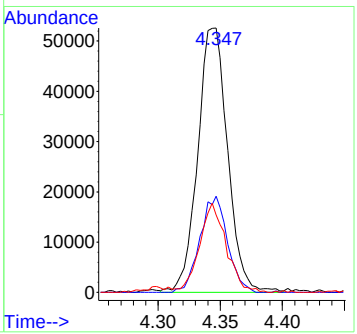


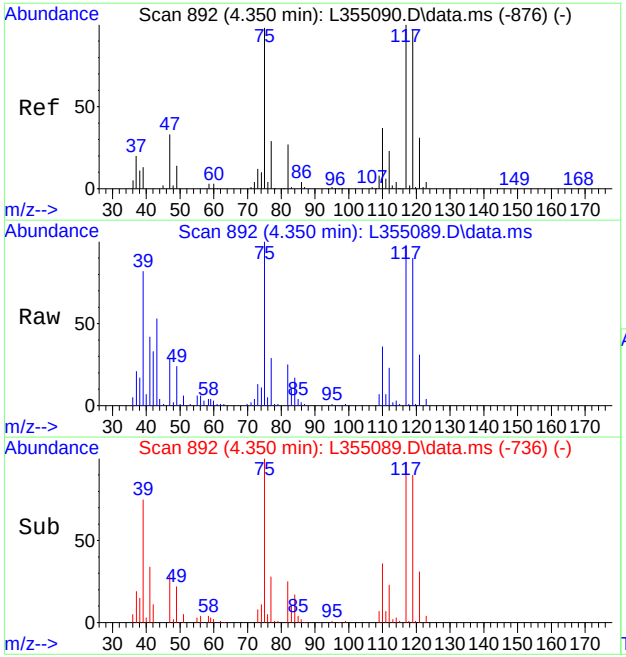


#47
1,1-dichloropropene
Concen: 19.68 ug/L
RT: 4.347 min Scan# 891
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 75 Resp: 88214

Ion	Ratio	Lower	Upper
75	100		
110	36.6	15.8	55.8
77	28.8	11.6	51.6

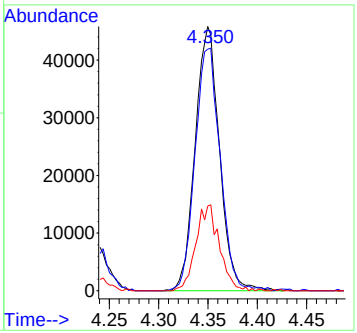


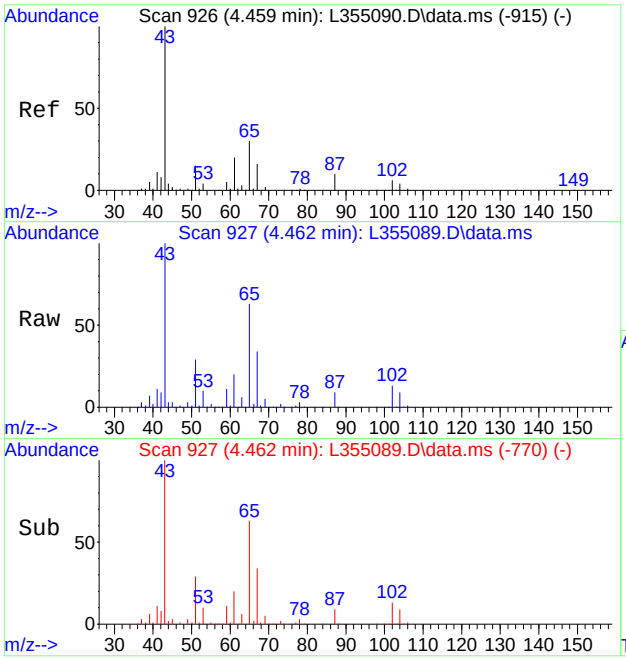


#48
carbon tetrachloride
Concen: 19.10 ug/L
RT: 4.350 min Scan# 892
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:117 Resp: 78618

Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.1	117.1
121	32.0	11.1	51.1

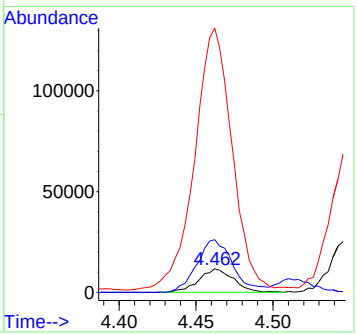


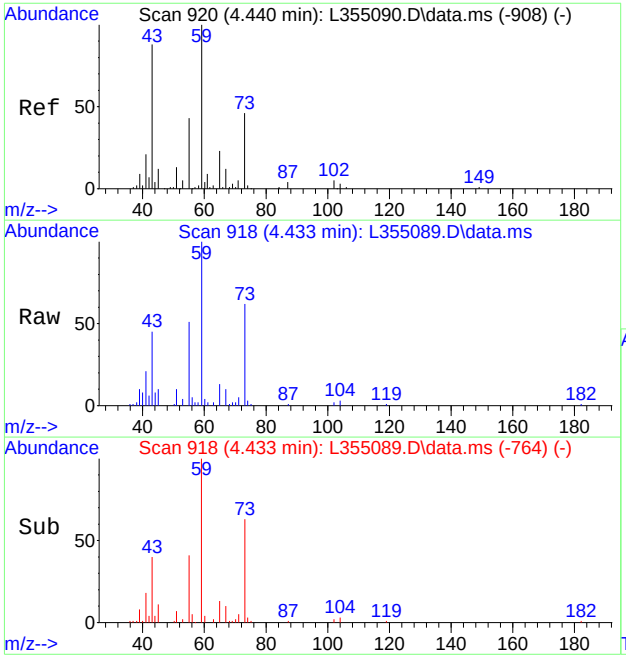


#49
isopropyl acetate
Concen: 19.78 ug/L
RT: 4.462 min Scan# 927
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 87 Resp: 18429

Ion	Ratio	Lower	Upper
87	100		
61	221.3	185.6	225.6
43	1095.1	1029.1	1089.1#

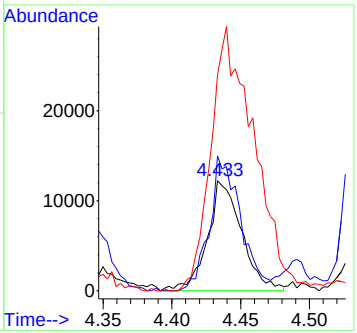


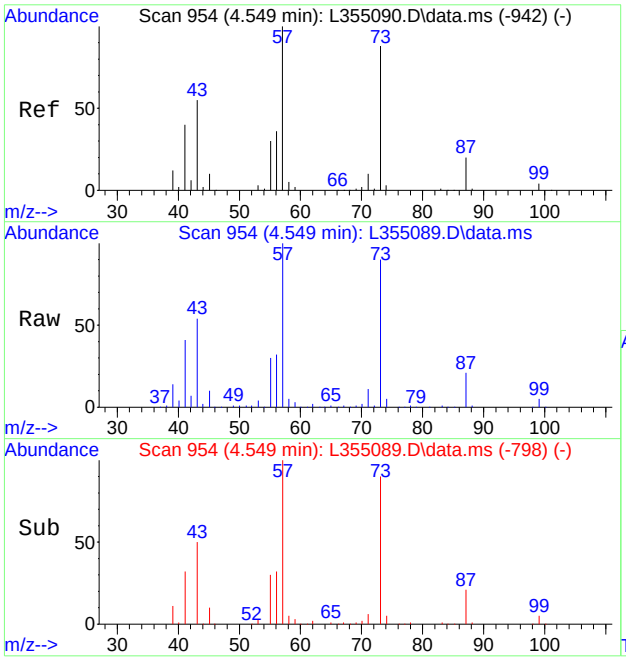


#50
tert amyl alcohol
Concen: 104.52 ug/L
RT: 4.433 min Scan# 918
Delta R.T. -0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 55 Resp: 21180

Ion	Ratio	Lower	Upper
55	100		
73	122.3	87.0	127.0
59	196.0	211.2	251.2#

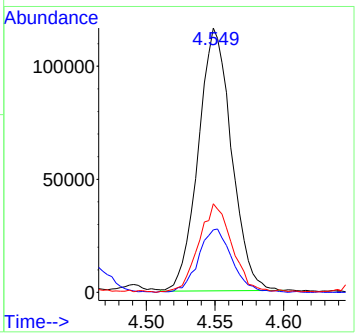


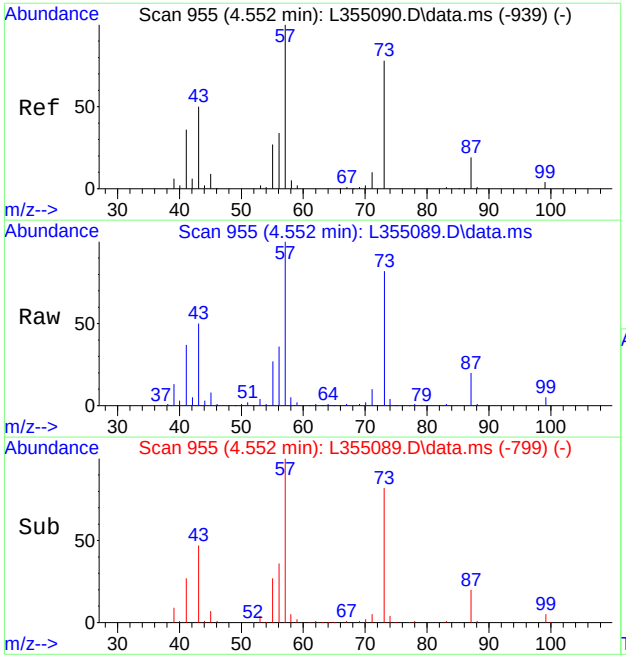


#53
tert-amyl methyl ether
Concen: 18.33 ug/L
RT: 4.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 73 Resp: 195457

Ion	Ratio	Lower	Upper
73	100		
87	23.5	2.5	42.5
55	33.3	14.1	54.1

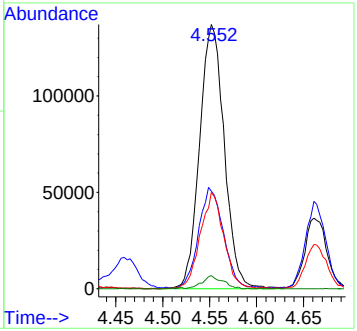


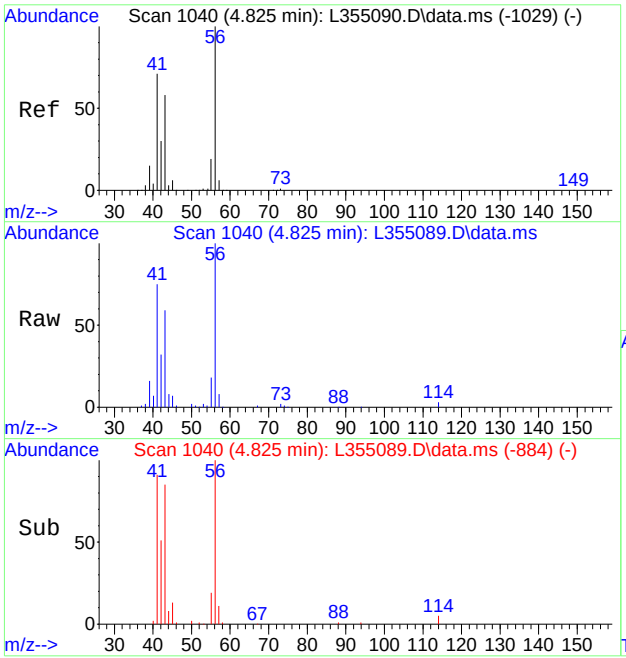


#54
2,2,4-trimethylpentane
Concen: 18.05 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 57 Resp: 250872

Ion	Ratio	Lower	Upper
57	100		
41	36.5	15.5	55.5
56	36.5	14.0	54.0
99	5.4	0.0	24.5

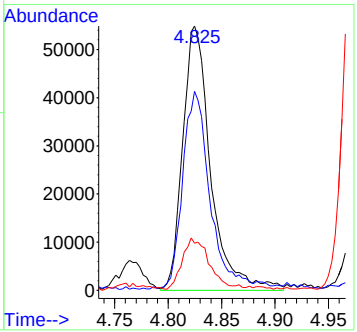


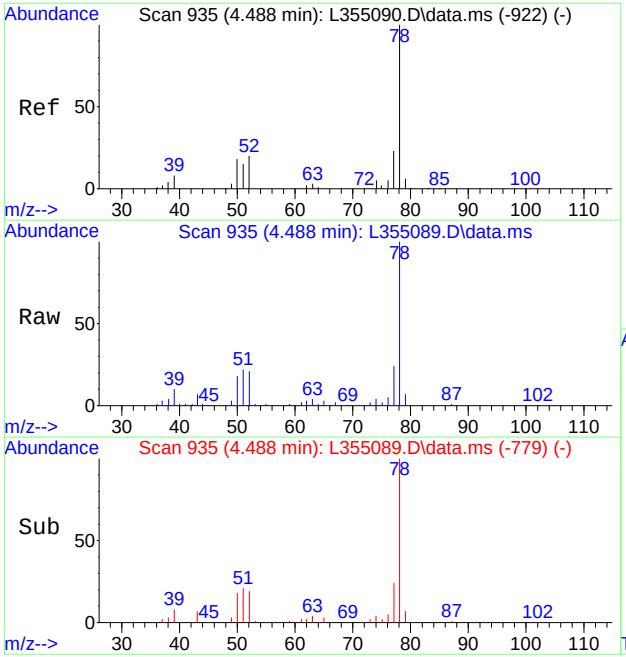


#55
n-butyl alcohol
Concen: 1103.98 ug/L
RT: 4.825 min Scan# 1040
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 56 Resp: 99990

Ion	Ratio	Lower	Upper
56	100		
41	74.7	40.6	100.6
55	17.1	0.0	48.8

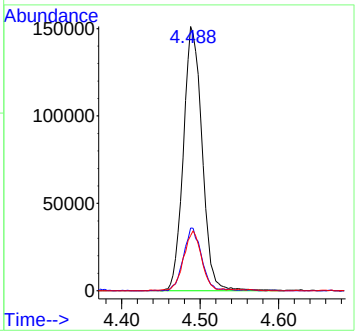


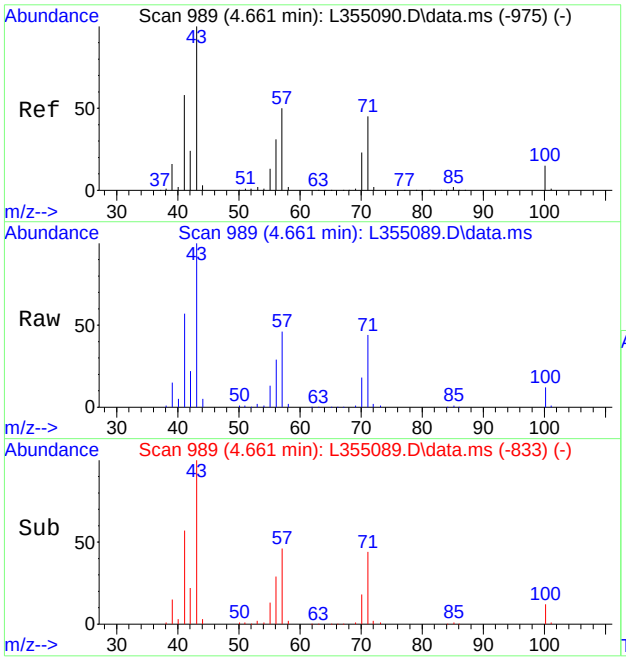


#56
benzene
Concen: 18.80 ug/L
RT: 4.488 min Scan# 935
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 78 Resp: 250571

Ion	Ratio	Lower	Upper
78	100		
77	23.7	0.0	53.0
52	20.9	0.0	50.0

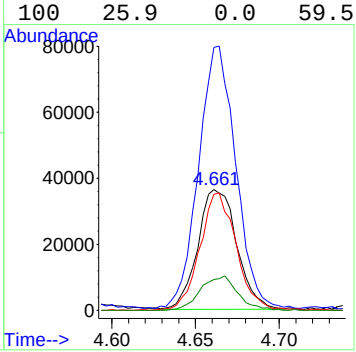


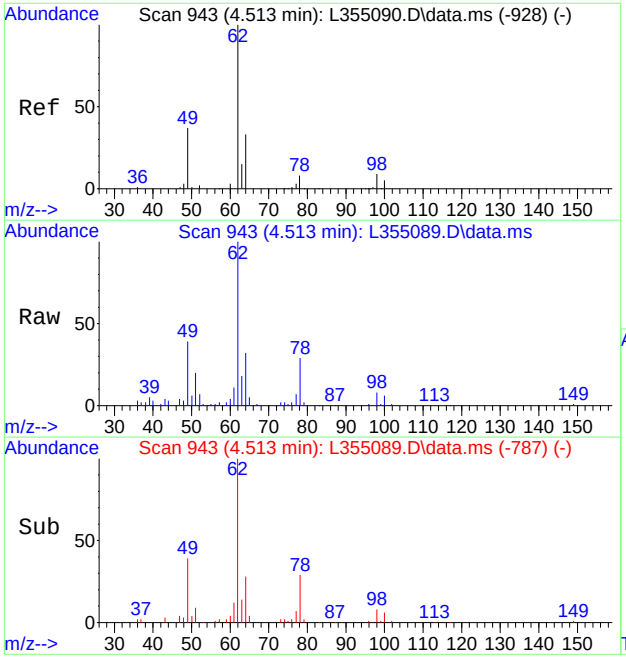


#57
heptane
Concen: 18.47 ug/L
RT: 4.661 min Scan# 989
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 57 Resp: 58683

Ion	Ratio	Lower	Upper
57	100		
43	217.4	170.1	230.1
71	96.3	59.7	119.7
100	25.9	0.0	59.5

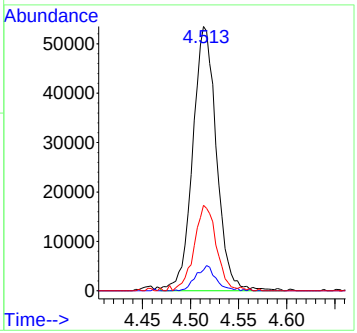


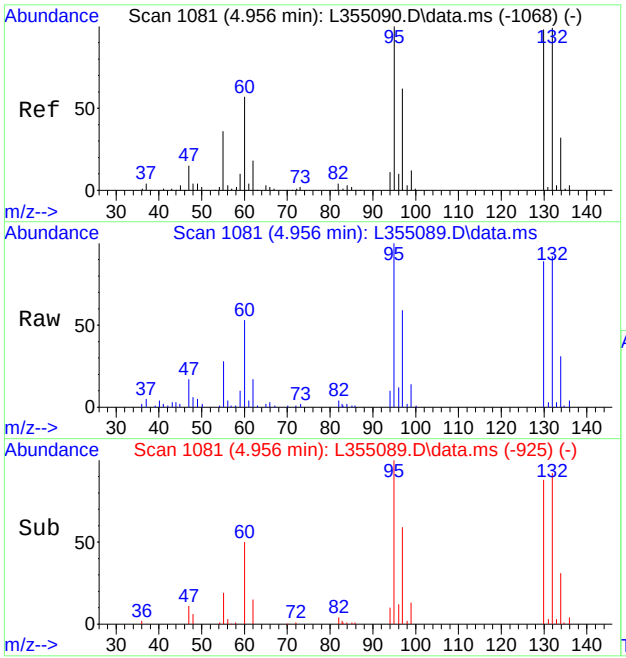


#58
1,2-dichloroethane
Concen: 18.78 ug/L
RT: 4.513 min Scan# 943
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 62 Resp: 92141

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	39.1
64	32.3	2.9	62.9

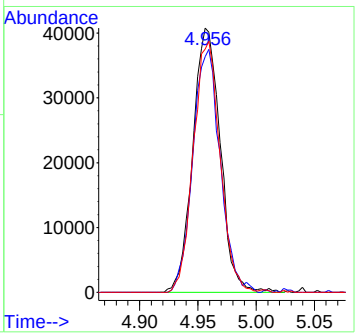


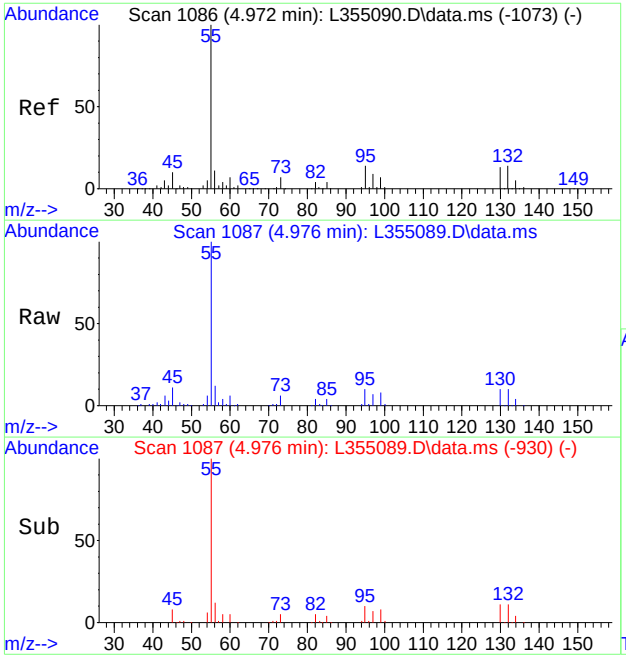


#59
trichloroethene
Concen: 19.65 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 95 Resp: 67034

Ion	Ratio	Lower	Upper
95	100		
130	89.1	68.4	128.4
132	92.0	68.7	128.7

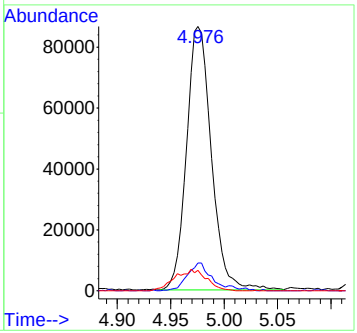


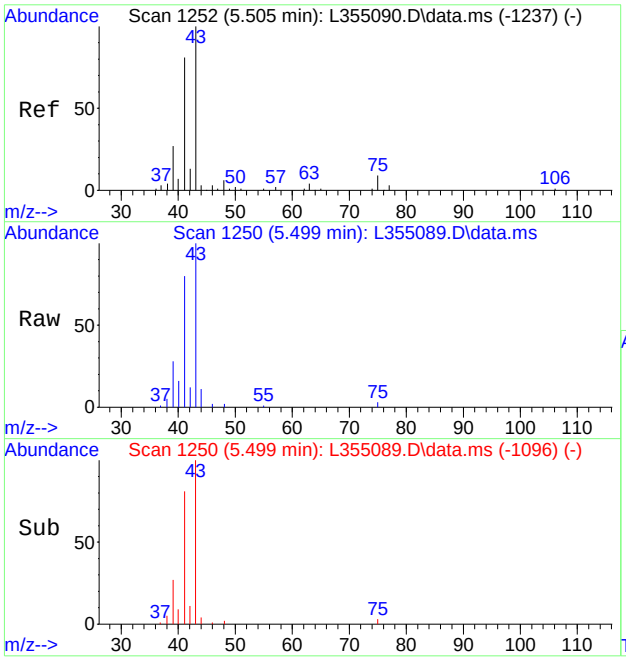


#60
ethyl acrylate
Concen: 19.54 ug/L
RT: 4.976 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 55 Resp: 140343

Ion	Ratio	Lower	Upper
55	100		
45	10.6	0.0	30.3
99	7.7	0.0	27.2

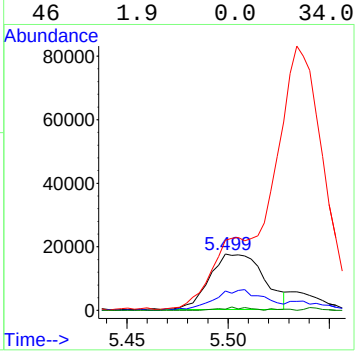


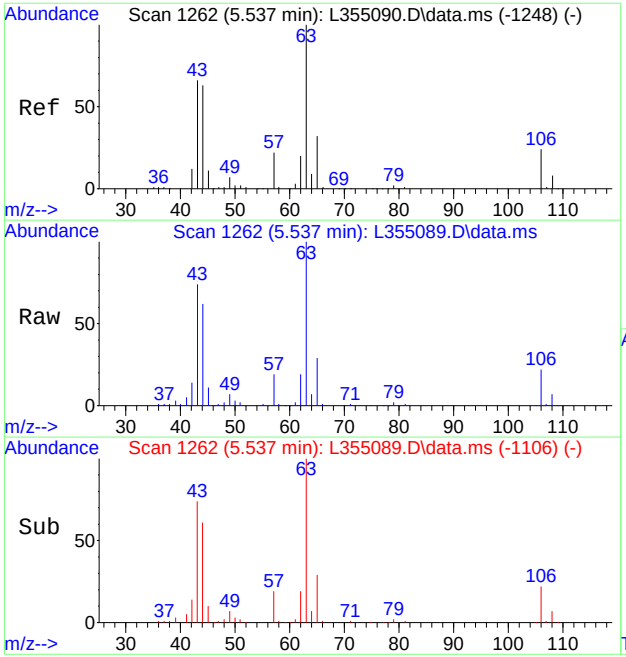


#61
2-nitropropane
Concen: 19.03 ug/L
RT: 5.499 min Scan# 1250
Delta R.T. -0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 41 Resp: 32228

Ion	Ratio	Lower	Upper
41	100		
39	34.9	3.7	63.7
43	124.6	92.8	152.8
46	1.9	0.0	34.0

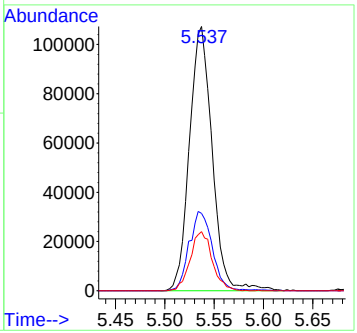


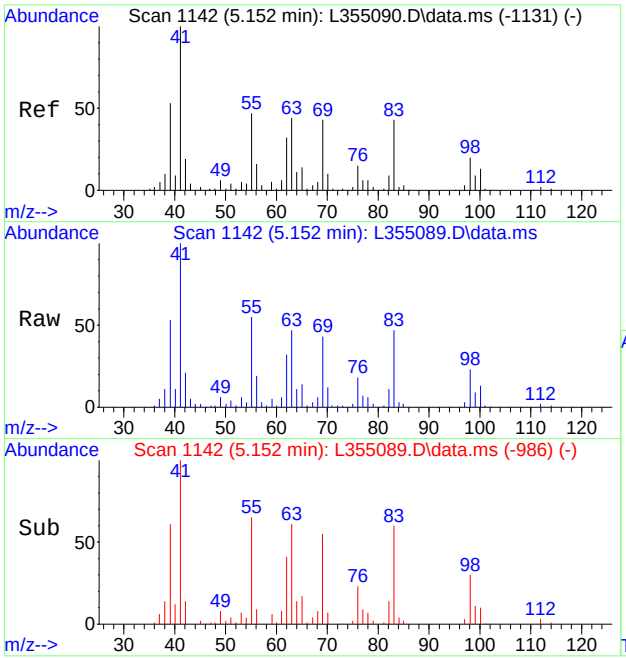


#62
2-chloroethyl vinyl ether
Concen: 109.04 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 63 Resp: 172212

Ion	Ratio	Lower	Upper
63	100		
65	29.3	2.0	62.0
106	22.4	0.0	53.7

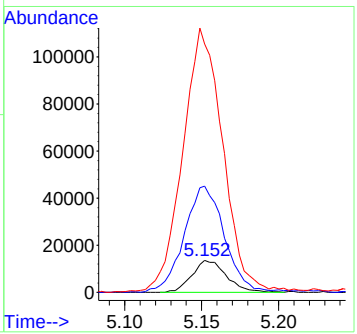


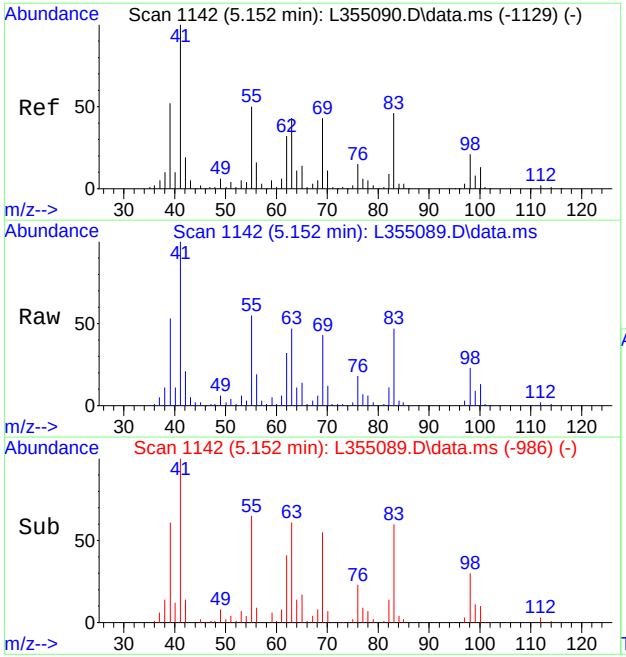


#63
methyl methacrylate
Concen: 20.23 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:100 Resp: 21272

Ion	Ratio	Lower	Upper
100	100		
69	326.0	303.9	363.9
41	760.2	748.3	808.3

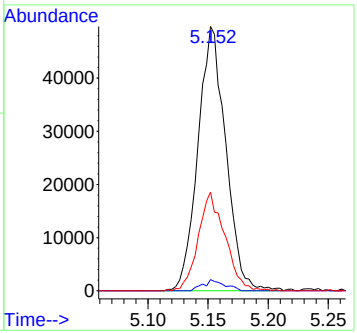


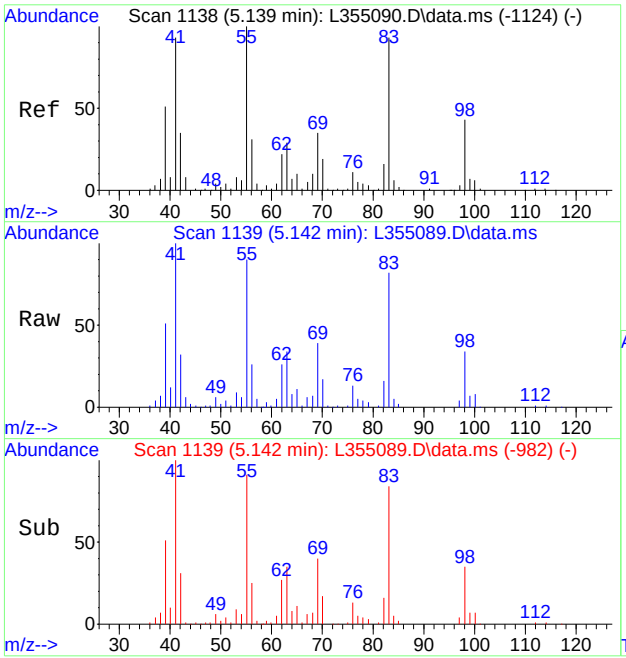


#64
1,2-dichloropropane
Concen: 18.79 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 63 Resp: 80004

Ion	Ratio	Lower	Upper
63	100		
112	4.2	0.0	33.9
76	37.3	3.9	63.9

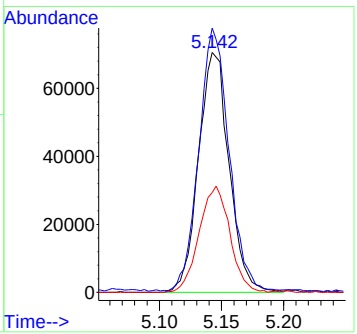


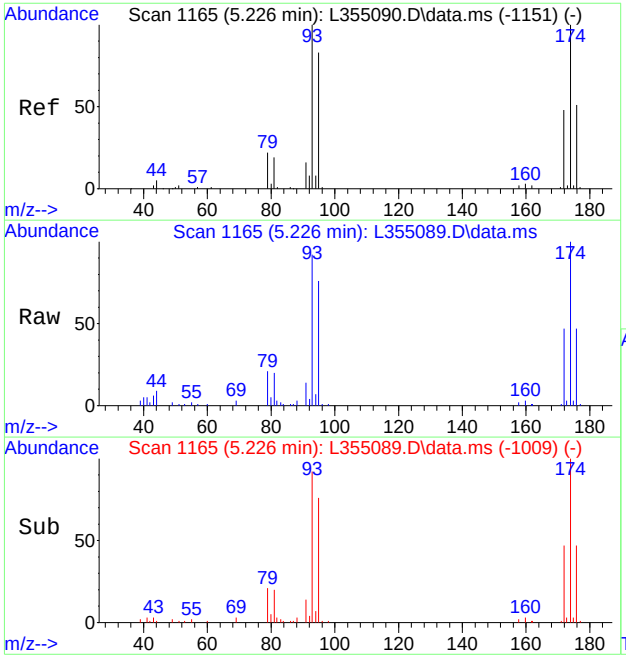


#65
methylcyclohexane
Concen: 19.10 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 83 Resp: 121116

Ion	Ratio	Lower	Upper
83	100		
55	109.5	77.0	137.0
98	41.6	16.0	76.0

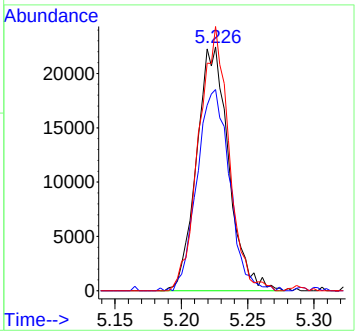


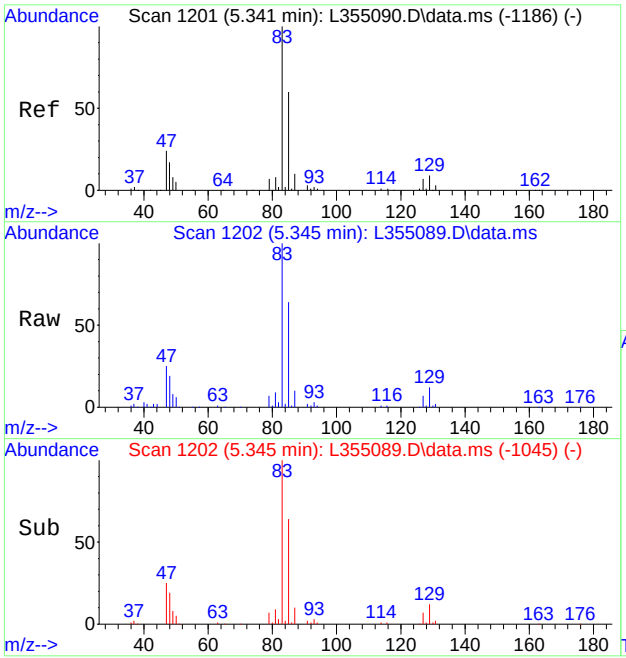


#66
dibromomethane
Concen: 18.44 ug/L
RT: 5.226 min Scan# 1165
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 93 Resp: 37794

Ion	Ratio	Lower	Upper
93	100		
95	82.6	52.7	112.7
174	108.5	70.1	130.1

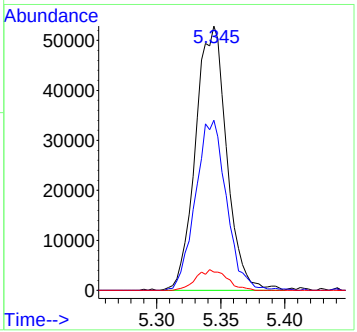


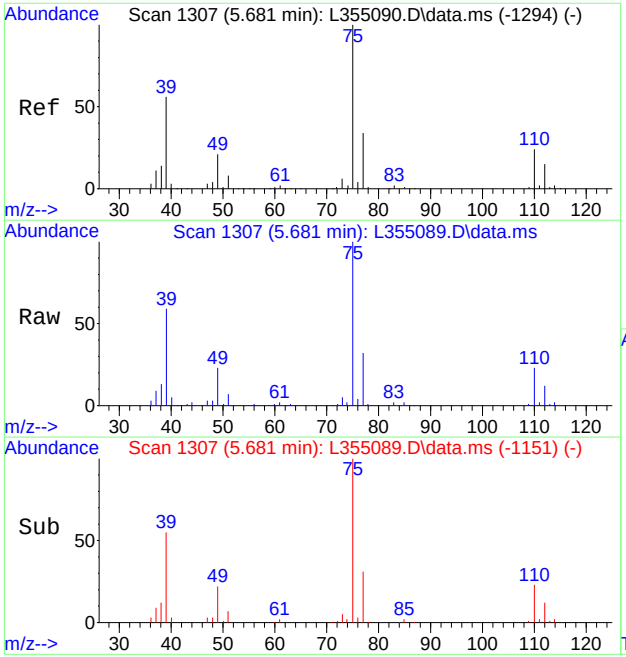


#67
bromodichloromethane
Concen: 18.33 ug/L
RT: 5.345 min Scan# 1202
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 83 Resp: 89295

Ion	Ratio	Lower	Upper
83	100		
85	64.4	30.1	90.1
127	6.9	0.0	37.3

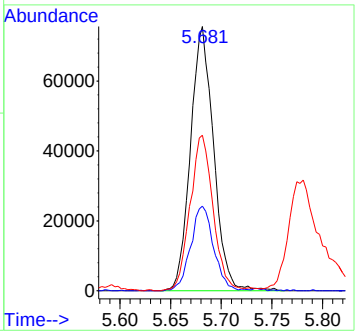


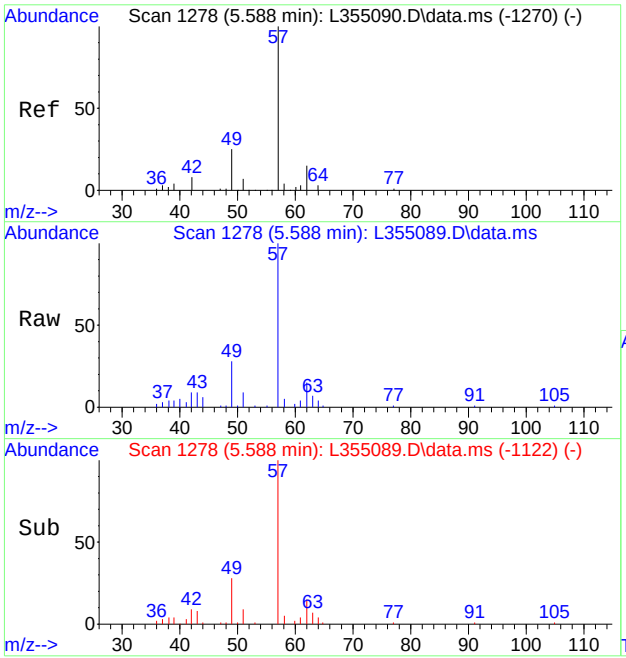


#68
cis-1,3-dichloropropene
Concen: 19.63 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 75 Resp: 120642

Ion	Ratio	Lower	Upper
75	100		
77	32.0	4.0	64.0
39	58.9	25.8	85.8

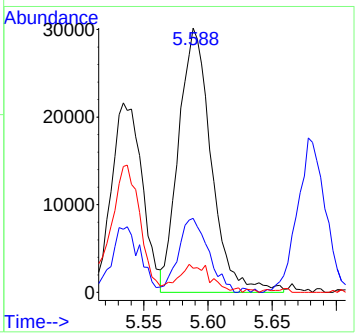


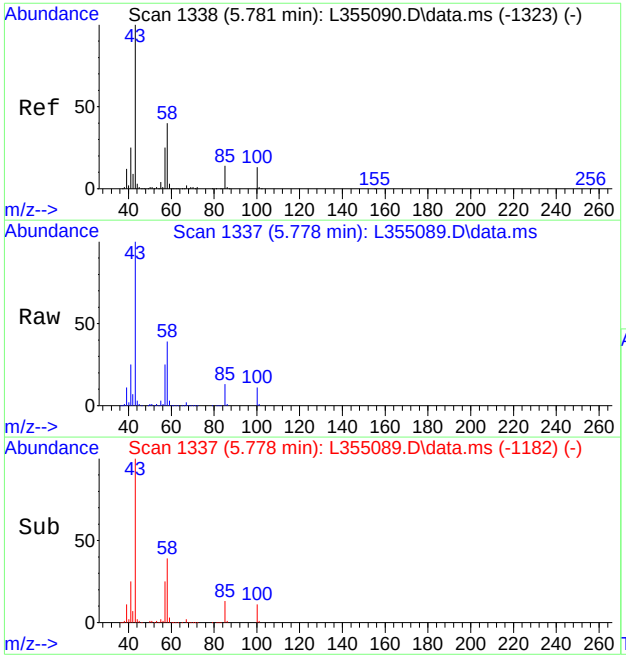


#69
epichlorohydrin
Concen: 96.24 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 57 Resp: 53422

Ion	Ratio	Lower	Upper
57	100		
49	26.3	3.3	43.3
42	7.8	0.0	30.7

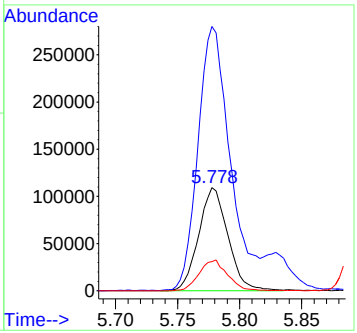


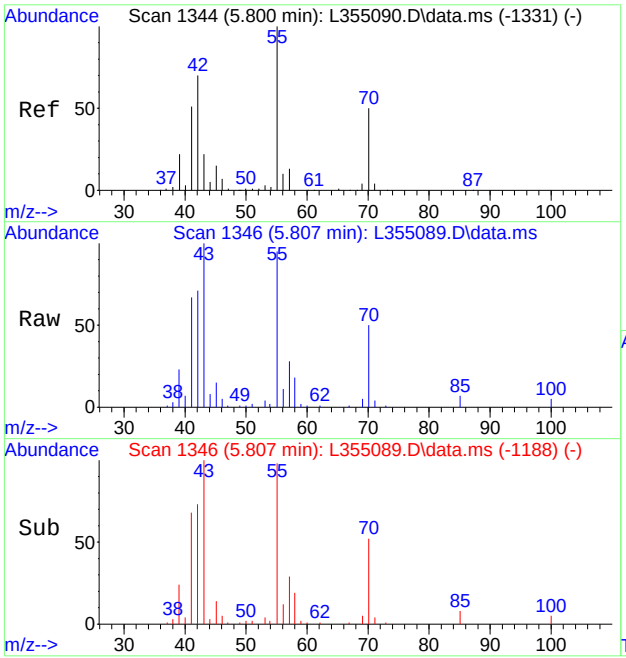


#70
4-methyl-2-pentanone
Concen: 76.22 ug/L
RT: 5.778 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 58 Resp: 179583

Ion	Ratio	Lower	Upper
58	100		
43	255.7	227.9	267.9
100	28.4	11.2	51.2

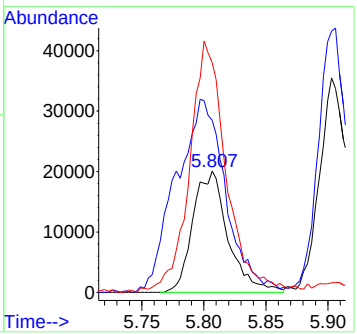




#71
3-methyl-1-butanol
Concen: 399.22 ug/L
RT: 5.807 min Scan# 1346
Delta R.T. 0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

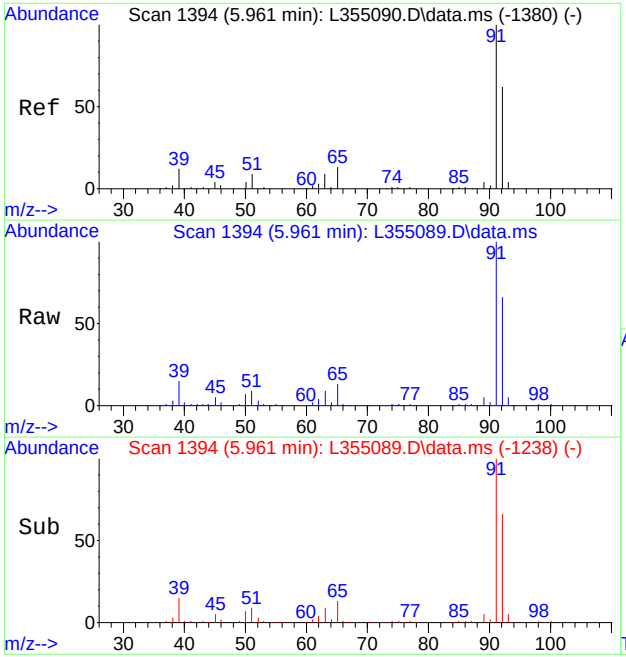
Tgt Ion: 70 Resp: 39544

Ion	Ratio	Lower	Upper
70	100		
42	137.5	131.6	171.6
55	184.1	180.2	220.2



7.7.46

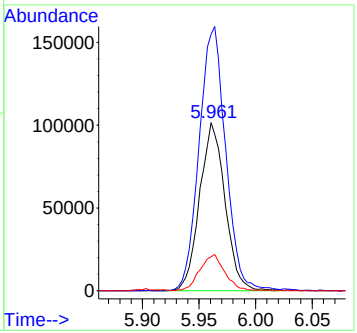
7

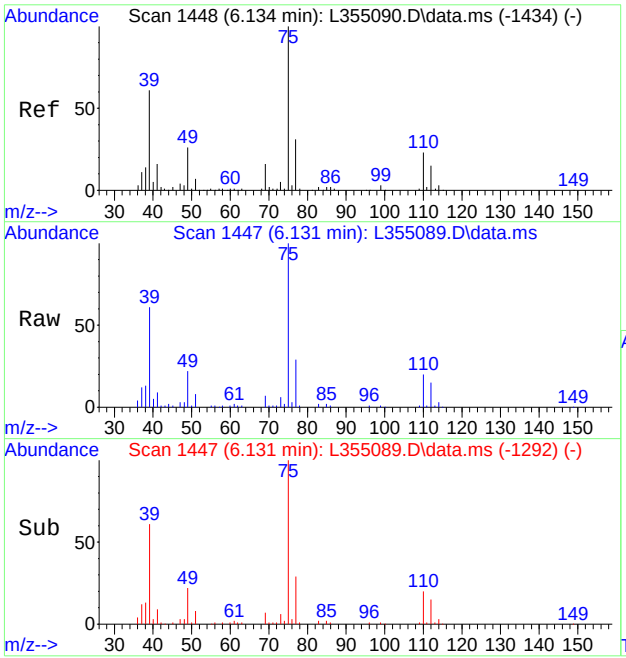


#74
toluene
Concen: 19.60 ug/L
RT: 5.961 min Scan# 1394
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 92 Resp: 158276

Ion	Ratio	Lower	Upper
92	100		
91	152.5	130.7	190.7
65	19.9	0.0	51.2

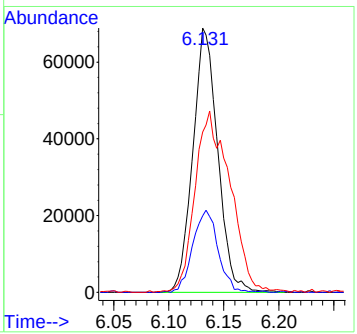


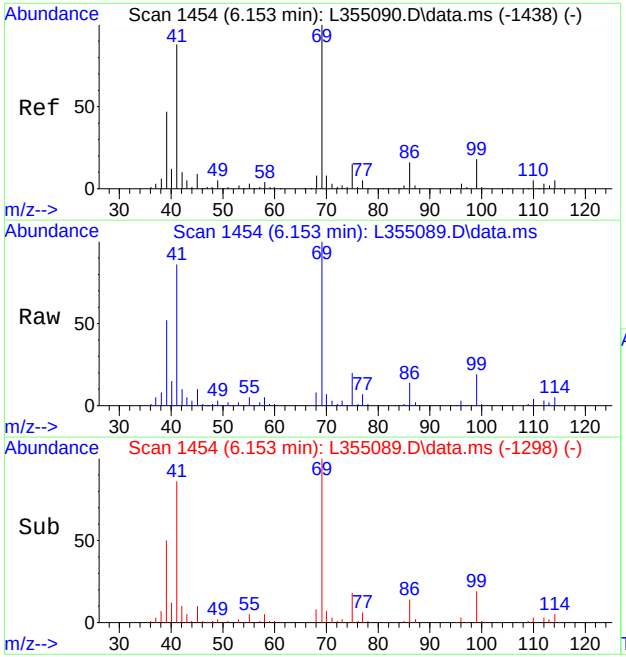


#75
trans-1,3-dichloropropene
Concen: 18.62 ug/L
RT: 6.131 min Scan# 1447
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 75 Resp: 108402

Ion	Ratio	Lower	Upper
75	100		
77	29.0	1.0	61.0
39	60.3	30.8	90.8

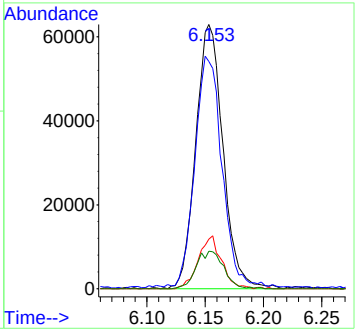


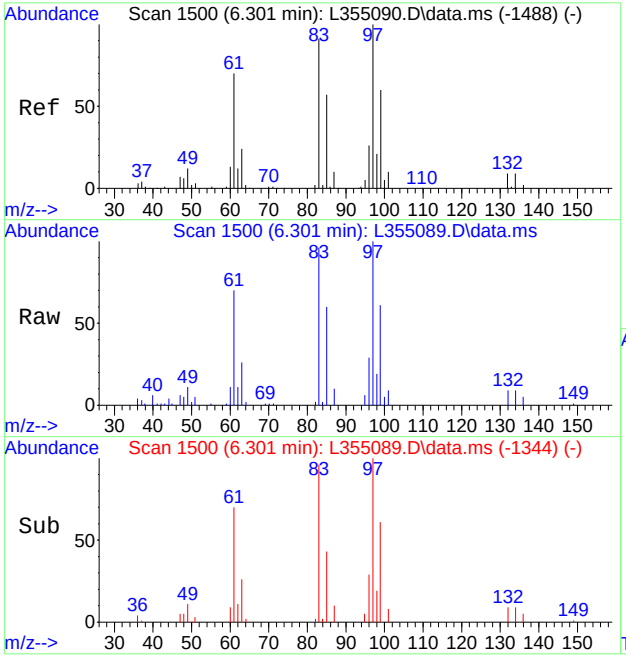


#76
ethyl methacrylate
Concen: 18.98 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 69 Resp: 102519

Ion	Ratio	Lower	Upper
69	100		
41	85.2	57.6	117.6
99	18.8	0.0	48.5
86	14.2	0.0	46.2

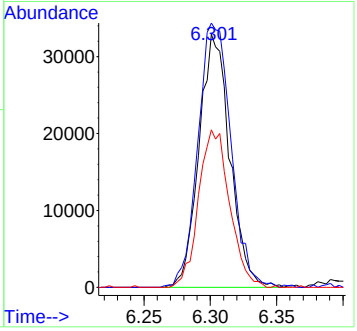


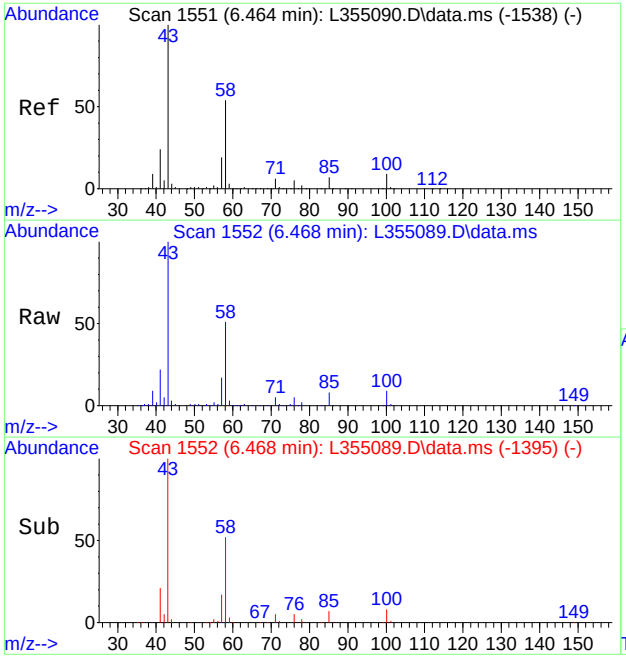


#77
1,1,2-trichloroethane
Concen: 18.32 ug/L
RT: 6.301 min Scan# 1500
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 83 Resp: 53161

Ion	Ratio	Lower	Upper
83	100		
97	104.5	80.2	140.2
85	62.2	33.0	93.0

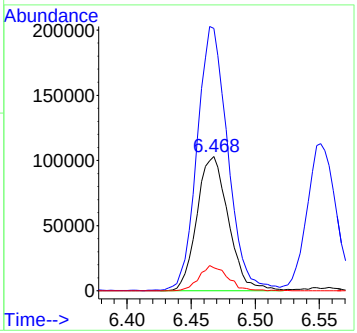


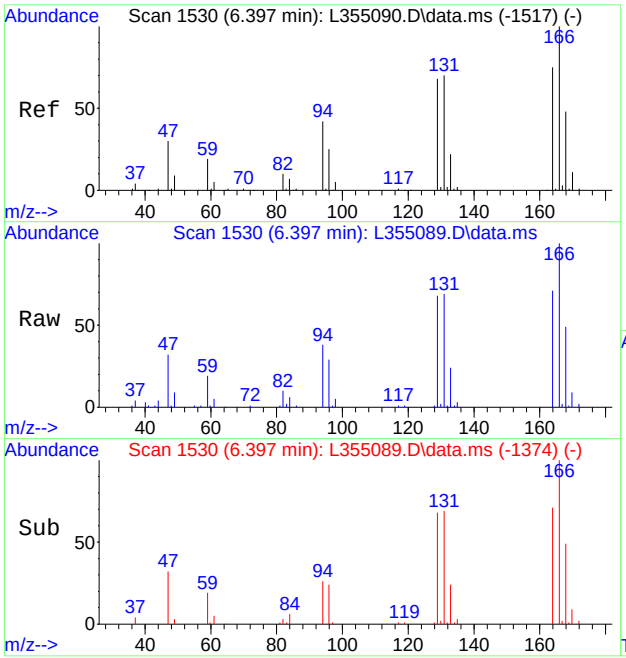


#78
2-hexanone
Concen: 73.77 ug/L
RT: 6.468 min Scan# 1552
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 58 Resp: 176154

Ion	Ratio	Lower	Upper
58	100		
43	194.8	154.5	214.5
100	17.1	0.0	46.6

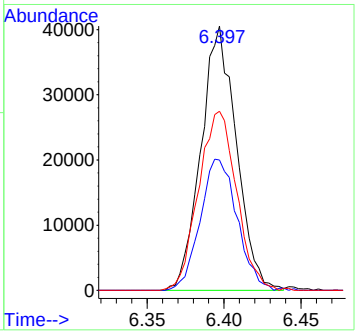


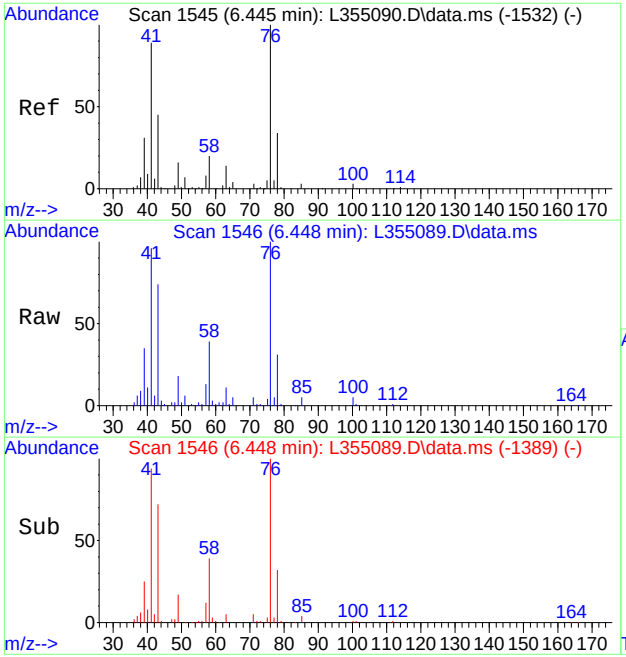


#79
tetrachloroethene
Concen: 19.26 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:166 Resp: 64860

Ion	Ratio	Lower	Upper
166	100		
168	49.3	18.3	78.3
129	67.7	38.5	98.5

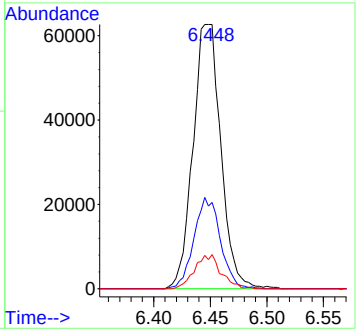


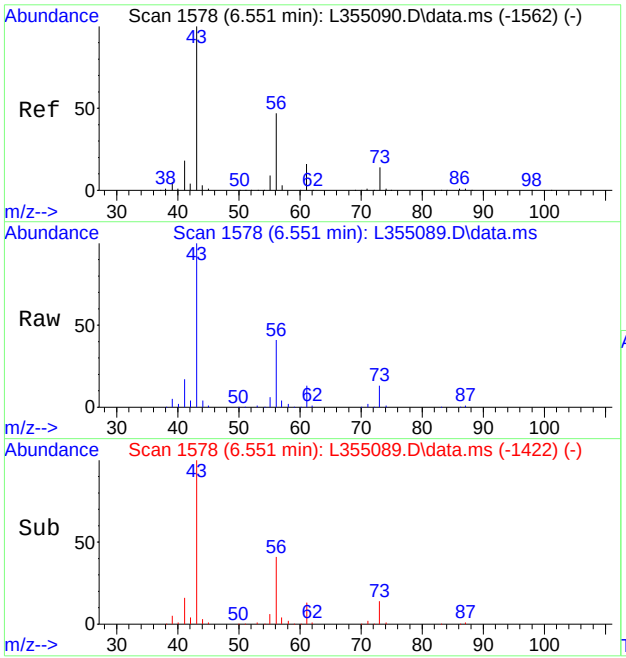


#80
1,3-dichloropropane
Concen: 18.77 ug/L
RT: 6.448 min Scan# 1546
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 76 Resp: 107286

Ion	Ratio	Lower	Upper
76	100		
78	31.3	3.8	63.8
63	11.0	0.0	43.8

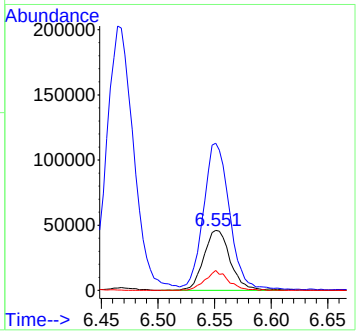


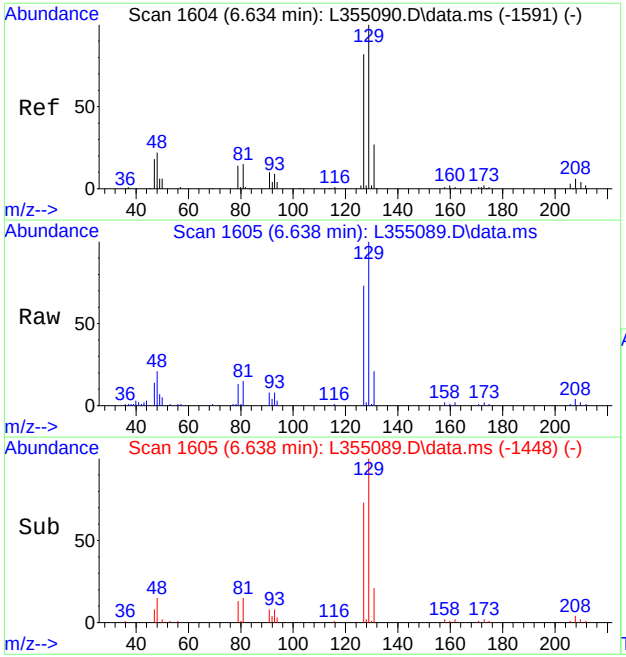


#81
butyl acetate
Concen: 19.34 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 56 Resp: 74943

Ion	Ratio	Lower	Upper
56	100		
43	243.2	194.2	254.2
73	33.1	0.0	58.5

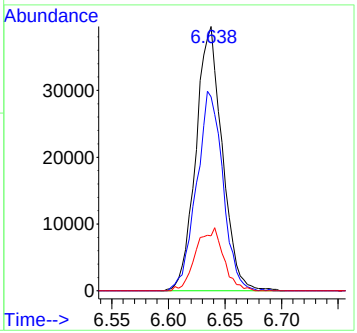


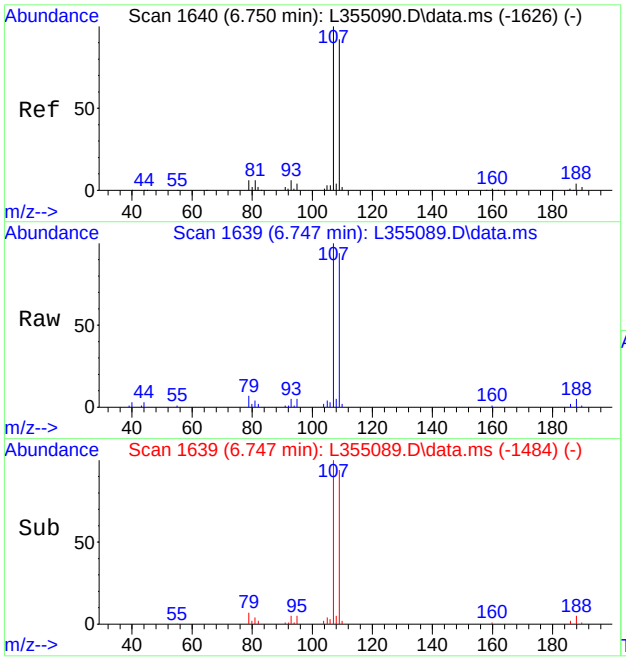


#82
dibromochloromethane
Concen: 18.53 ug/L
RT: 6.638 min Scan# 1605
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:129 Resp: 64006

Ion	Ratio	Lower	Upper
129	100		
127	73.3	51.9	111.9
131	20.8	0.0	56.8

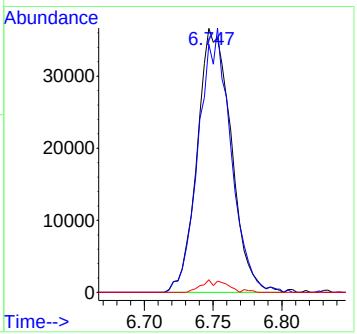


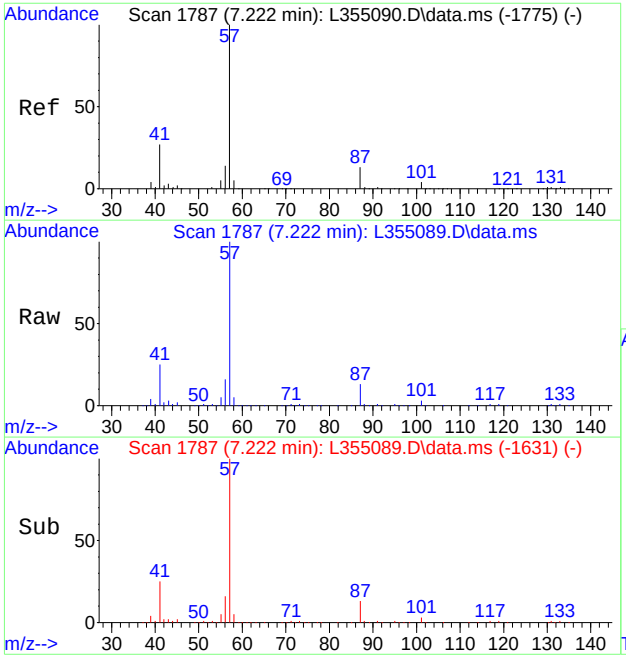


#83
1,2-dibromoethane
Concen: 18.61 ug/L
RT: 6.747 min Scan# 1639
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:107 Resp: 62874

Ion	Ratio	Lower	Upper
107	100		
109	94.0	62.2	122.2
188	4.8	0.0	33.6

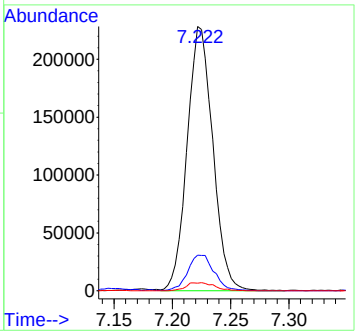


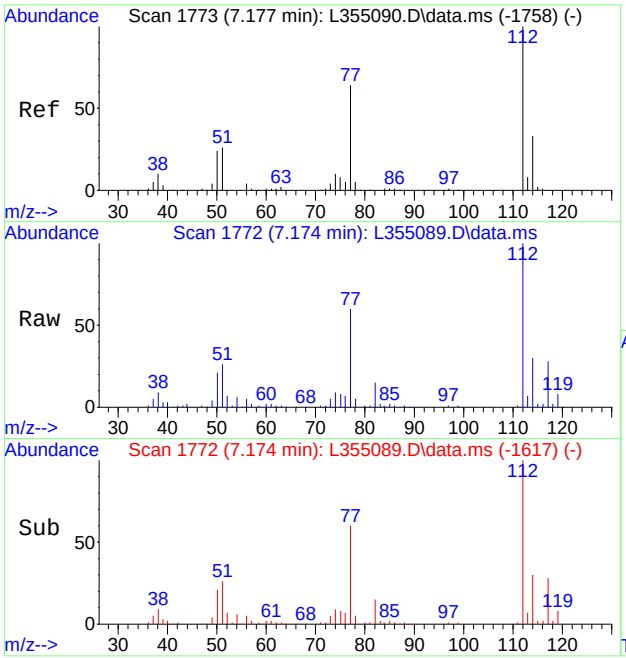


#84
n-butyl ether
Concen: 19.83 ug/L
RT: 7.222 min Scan# 1787
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 57 Resp: 350568

Ion	Ratio	Lower	Upper
57	100		
87	13.4	0.0	43.5
101	2.8	0.0	33.5

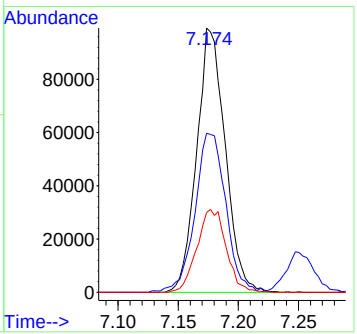


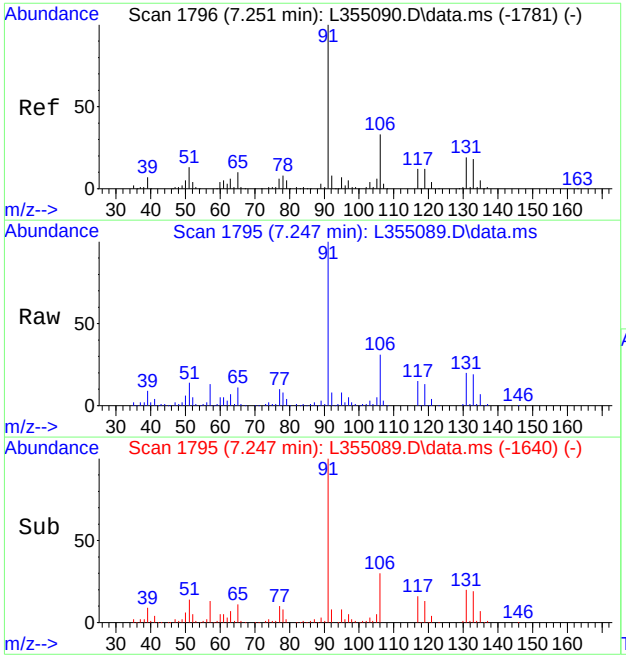


#85
chlorobenzene
Concen: 19.42 ug/L
RT: 7.174 min Scan# 1772
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:112 Resp: 163717

Ion	Ratio	Lower	Upper
112	100		
77	59.7	34.0	94.0
114	30.2	2.8	62.8

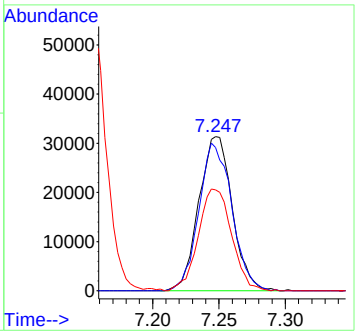


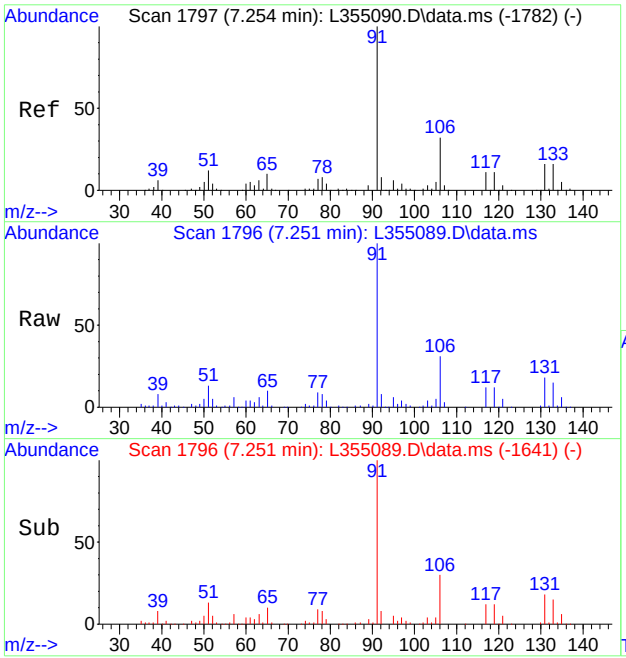


#86
1,1,1,2-tetrachloroethane
Concen: 18.12 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:131 Resp: 54883

Ion	Ratio	Lower	Upper
131	100		
133	93.0	65.5	125.5
119	65.4	34.9	94.9

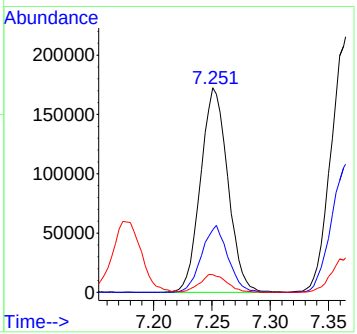


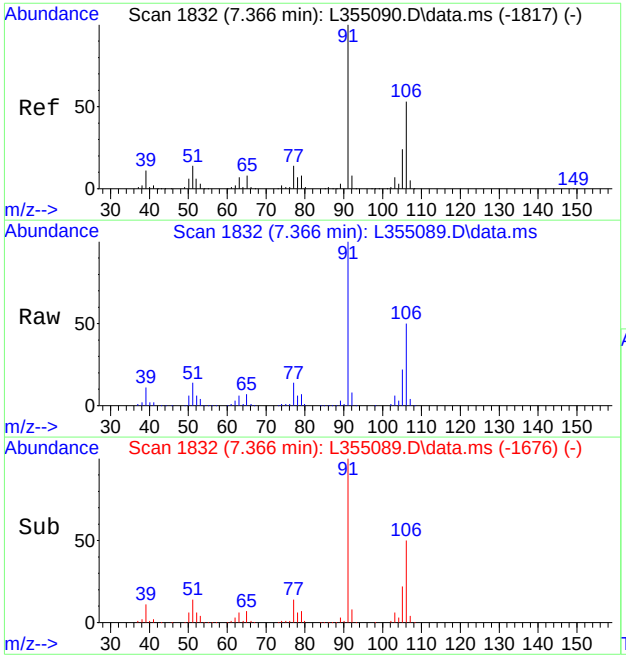


#87
ethylbenzene
Concen: 18.80 ug/L
RT: 7.251 min Scan# 1796
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 91 Resp: 281094

Ion	Ratio	Lower	Upper
91	100		
106	30.6	1.8	61.8
77	8.5	0.0	38.8

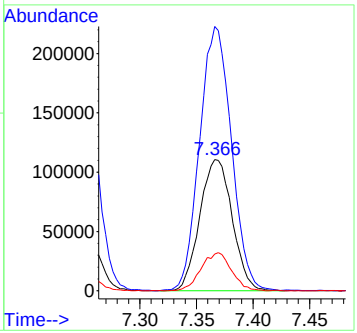


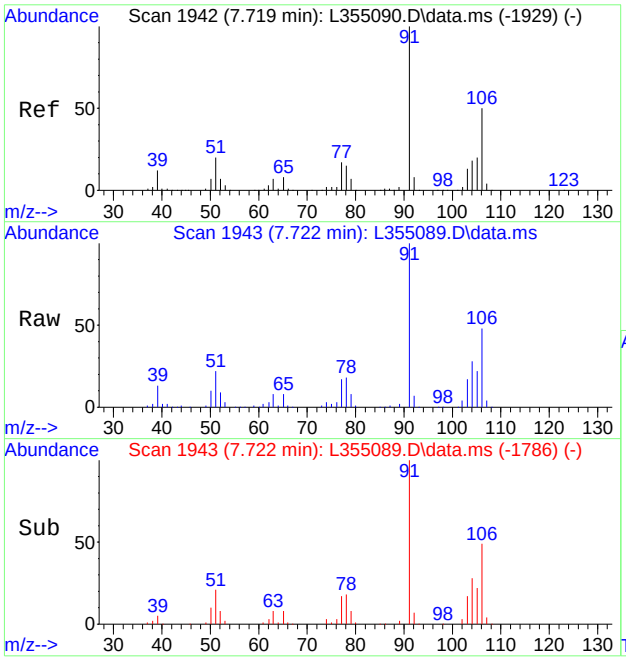


#88
m,p-xylene
Concen: 37.19 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:106 Resp: 220020

Ion	Ratio	Lower	Upper
106	100		
91	201.1	158.2	218.2
77	27.9	6.9	46.9

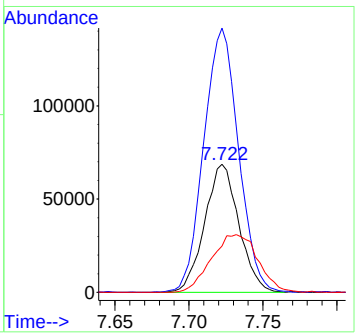


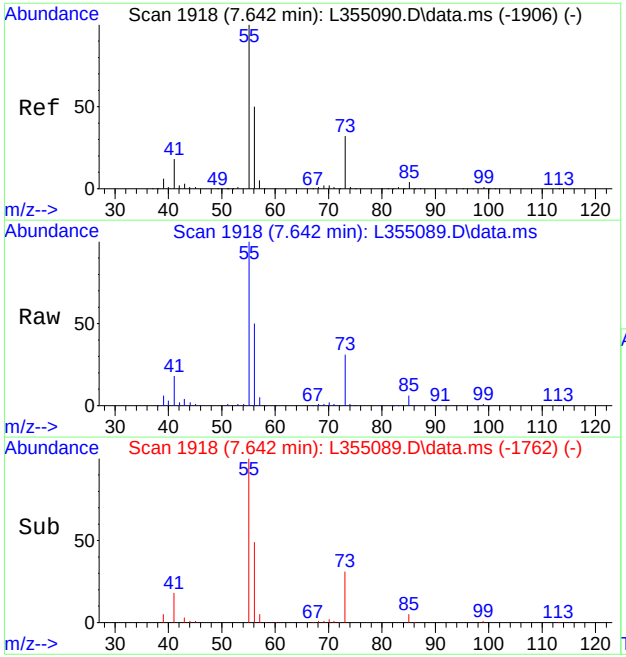


#89
o-xylene
Concen: 18.17 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:106 Resp: 110359

Ion	Ratio	Lower	Upper
106	100		
91	205.9	170.0	230.0
77	36.0	14.0	54.0

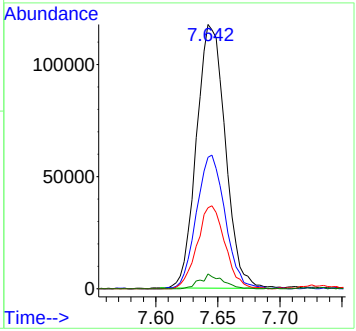


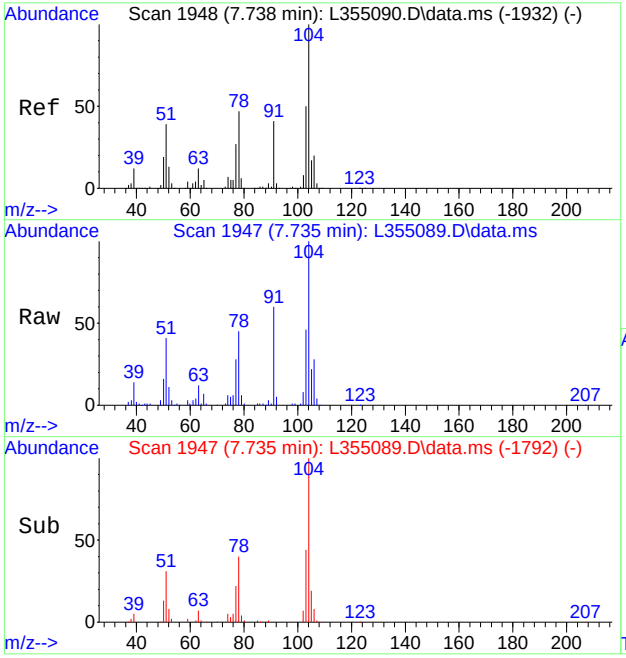


#90
butyl acrylate
Concen: 18.90 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 55 Resp: 190261

Ion	Ratio	Lower	Upper
55	100		
56	49.8	30.4	70.4
73	30.7	11.9	51.9
85	5.7	0.0	24.0

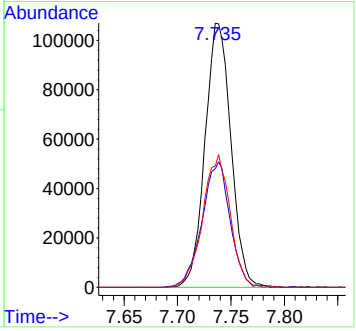


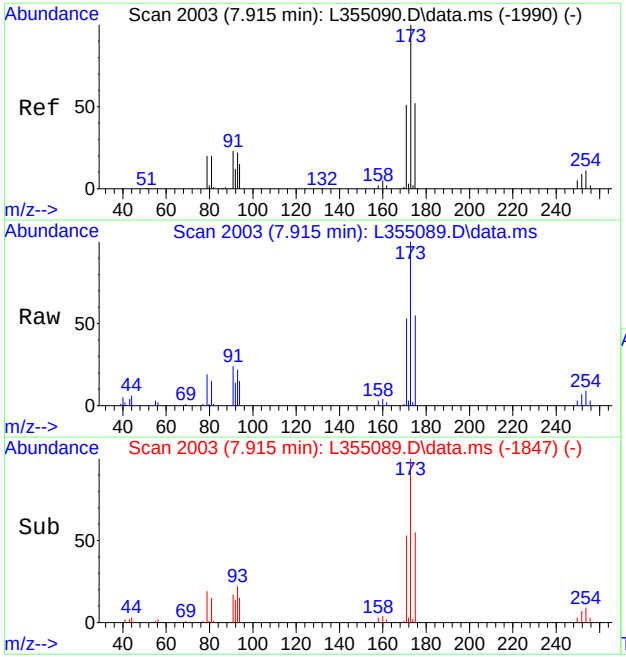


#91
styrene
Concen: 19.09 ug/L
RT: 7.735 min Scan# 1947
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:104 Resp: 181106

Ion	Ratio	Lower	Upper
104	100		
78	44.8	17.3	77.3
103	45.8	19.8	79.8

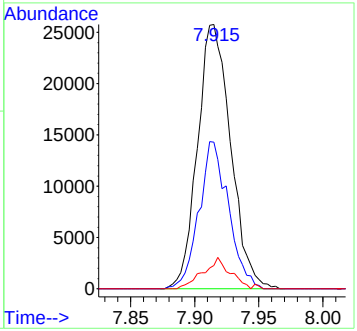


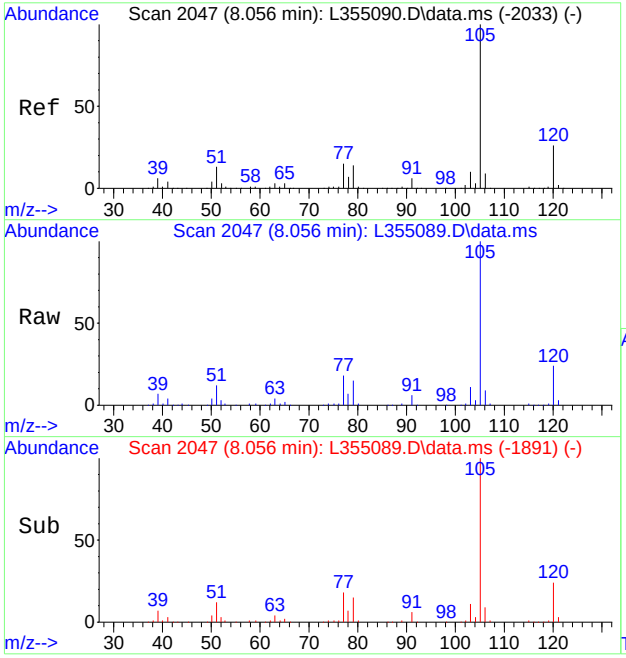


#92
bromoform
Concen: 18.24 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:173 Resp: 46384

Ion	Ratio	Lower	Upper
173	100		
175	55.5	22.1	82.1
254	8.9	0.0	41.0

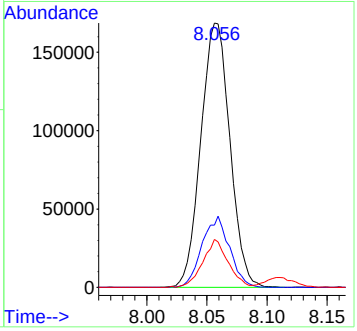


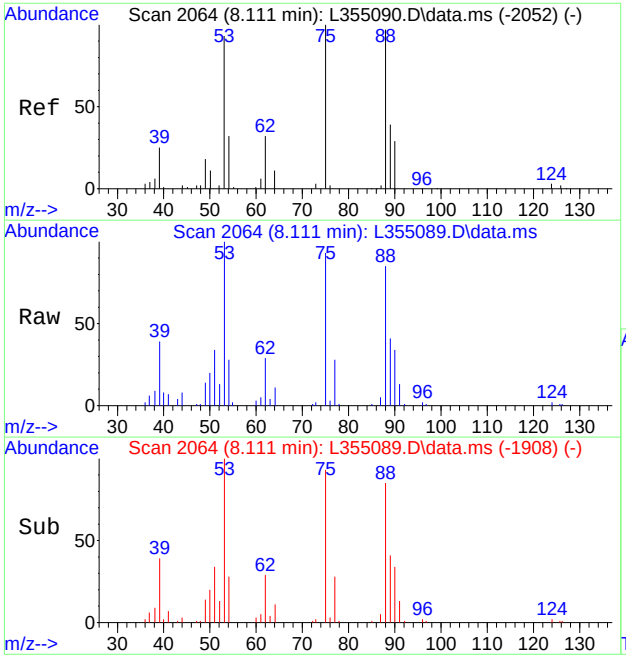


#93
isopropylbenzene
Concen: 18.66 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:105 Resp: 284089

Ion	Ratio	Lower	Upper
105	100		
120	23.6	6.4	46.4
77	18.1	0.0	35.3

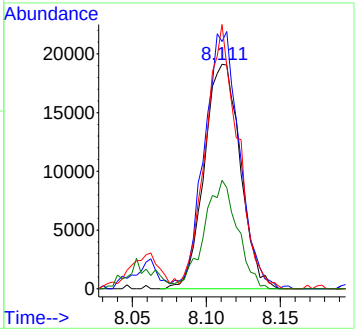


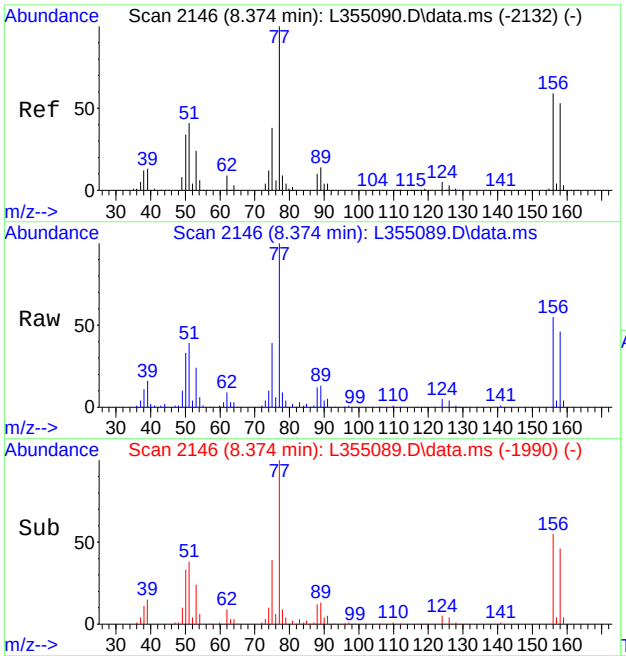


#94
cis-1,4-dichloro-2-butene
Concen: 19.91 ug/L
RT: 8.111 min Scan# 2064
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 88 Resp: 32215

Ion	Ratio	Lower	Upper
88	100		
75	108.9	87.0	127.0
53	117.7	79.7	119.7
89	48.2	22.9	62.9

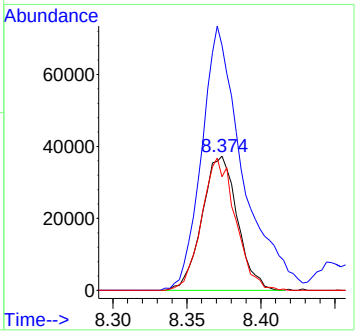


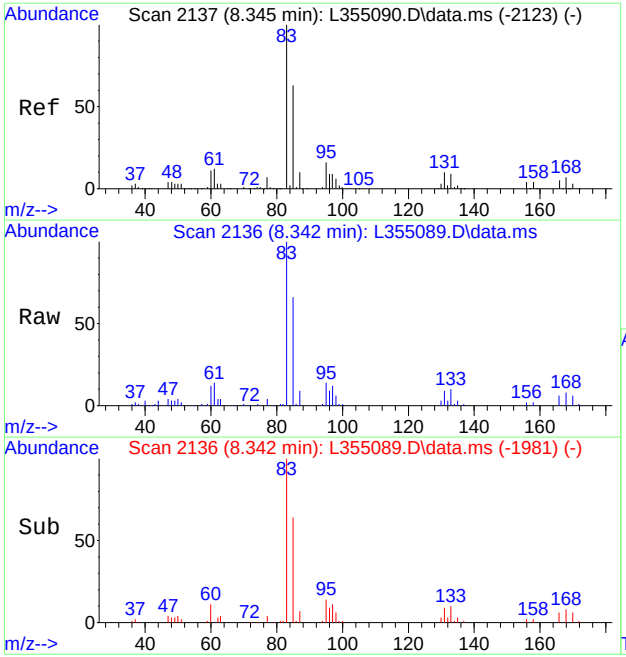


#97
bromobenzene
Concen: 20.09 ug/L
RT: 8.374 min Scan# 2146
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:156 Resp: 61827

Ion	Ratio	Lower	Upper
156	100		
77	182.2	138.1	198.1
158	84.5	58.3	118.3

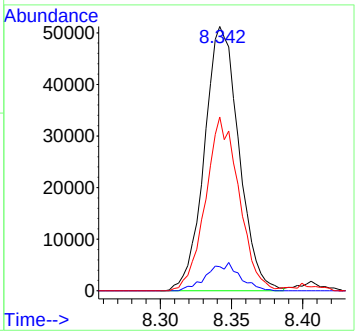


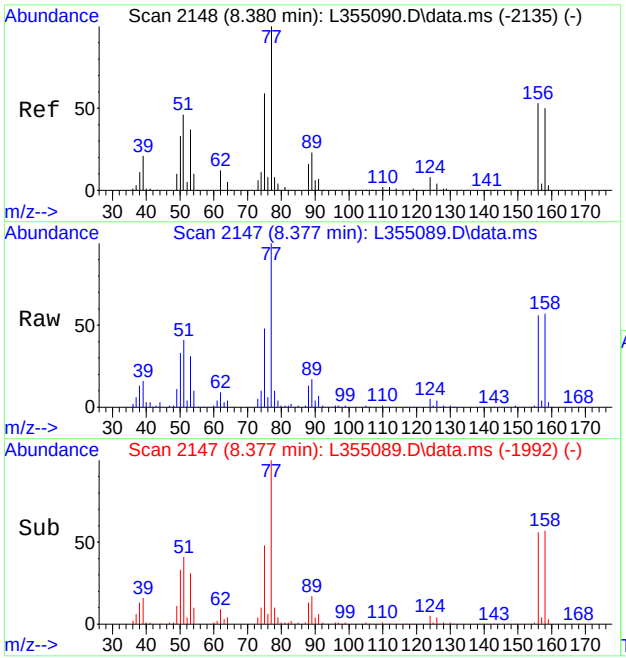


#98
1,1,2,2-tetrachloroethane
Concen: 19.14 ug/L
RT: 8.342 min Scan# 2136
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 83 Resp: 86333

Ion	Ratio	Lower	Upper
83	100		
131	9.2	0.0	39.6
85	65.7	33.1	93.1

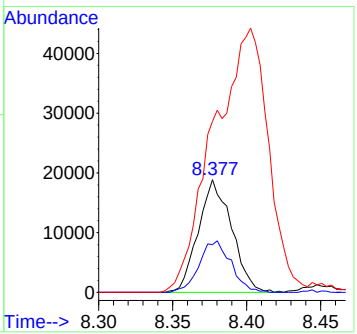


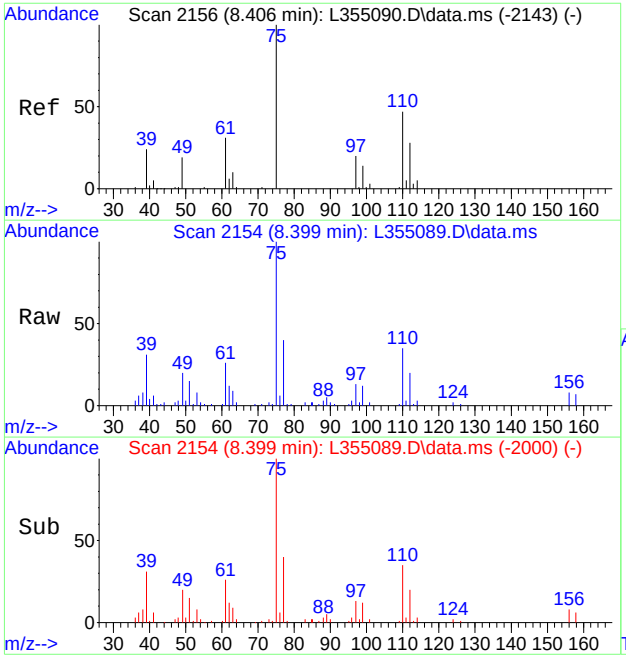


#99
trans-1,4-dichloro-2-butene
Concen: 20.72 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 53 Resp: 29600

Ion	Ratio	Lower	Upper
53	100		
88	42.4	13.5	73.5
75	152.0	128.5	188.5

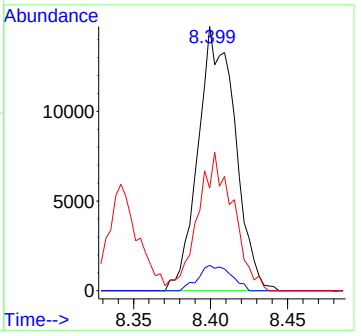


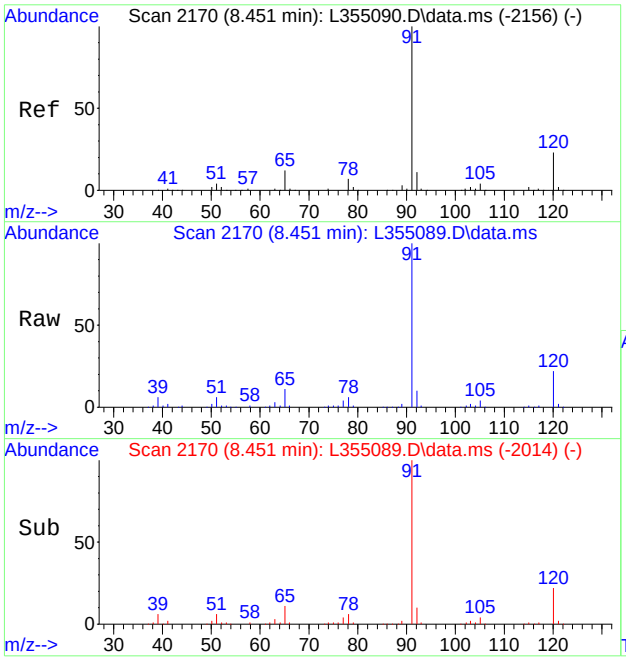


#100
1,2,3-trichloropropane
Concen: 20.22 ug/L
RT: 8.399 min Scan# 2154
Delta R.T. -0.006 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:110 Resp: 24519

Ion	Ratio	Lower	Upper
110	100		
111	9.7	0.0	39.7
97	38.8	18.0	78.0

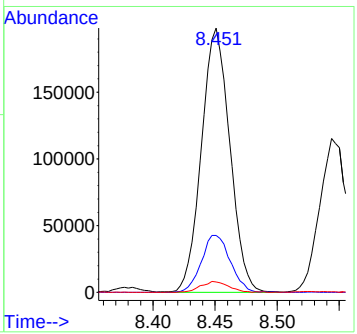


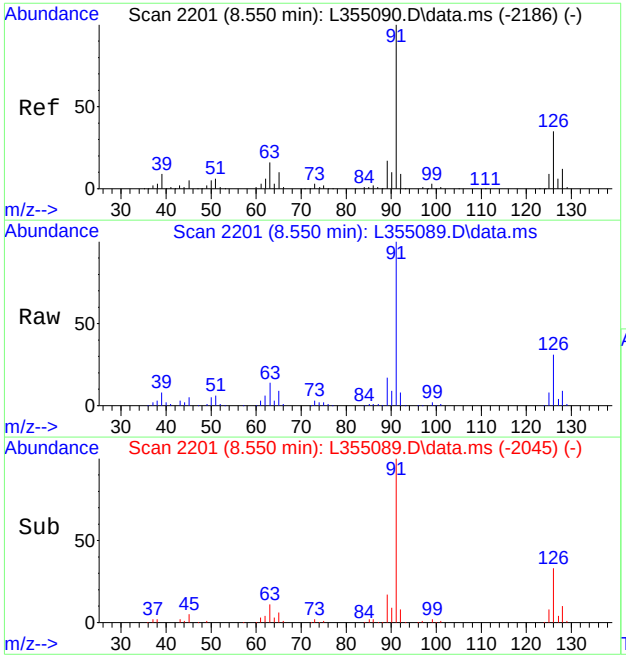


#101
n-propylbenzene
Concen: 19.74 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 91 Resp: 316106

Ion	Ratio	Lower	Upper
91	100		
120	21.5	0.0	53.4
105	3.9	0.0	34.1

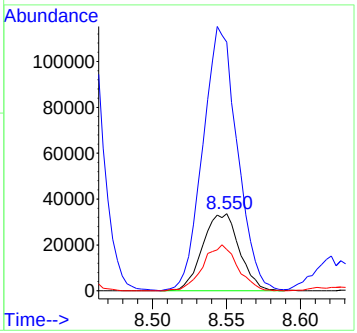


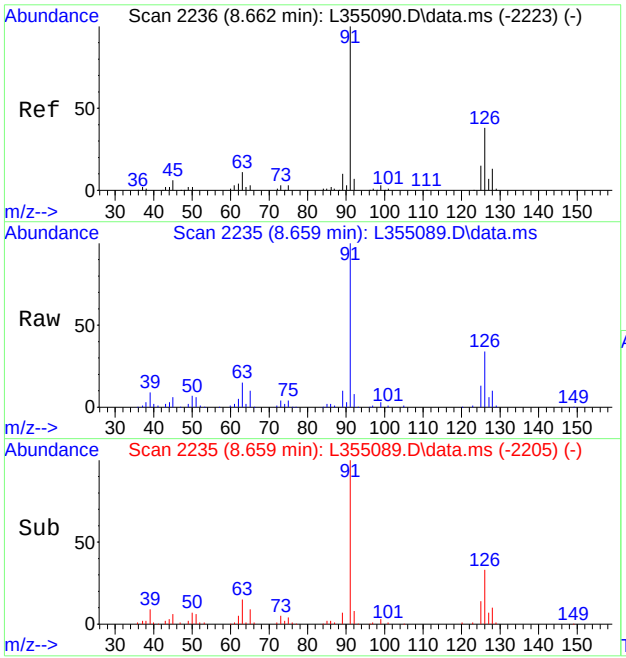


#102
2-chlorotoluene
Concen: 18.80 ug/L
RT: 8.550 min Scan# 2201
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:126 Resp: 57790

Ion	Ratio	Lower	Upper
126	100		
91	322.1	258.6	318.6#
89	53.6	18.8	78.8

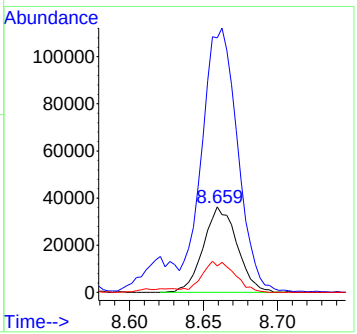


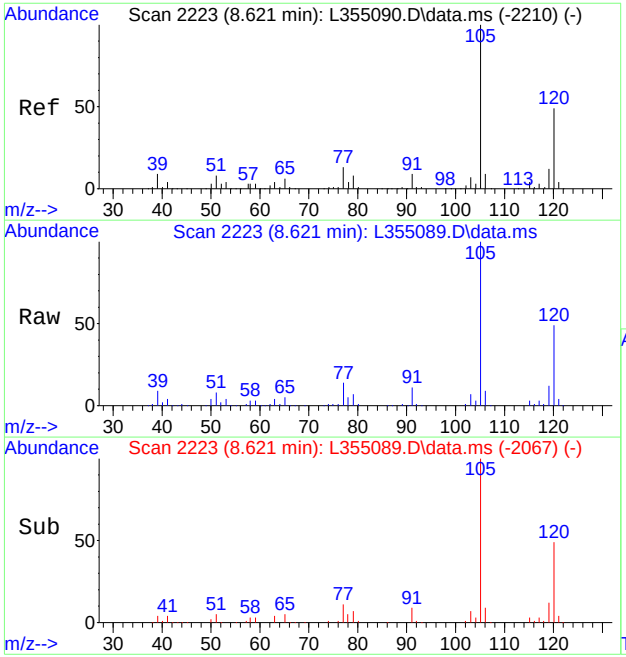


#103
4-chlorotoluene
Concen: 19.26 ug/L
RT: 8.659 min Scan# 2235
Delta R.T. -0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:126 Resp: 57271

Ion	Ratio	Lower	Upper
126	100		
91	294.6	272.7	332.7
89	30.8	2.4	62.4

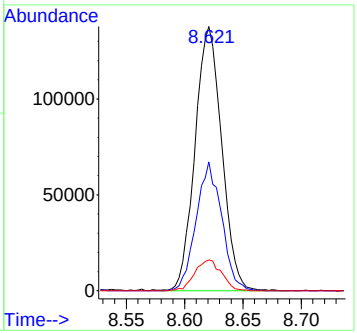


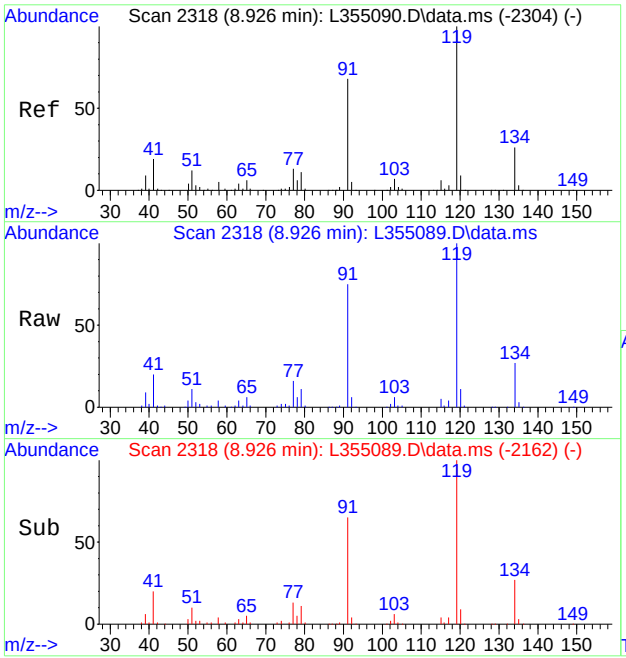


#104
1,3,5-trimethylbenzene
Concen: 19.56 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:105 Resp: 220053

Ion	Ratio	Lower	Upper
105	100		
120	48.8	19.0	79.0
119	11.7	0.0	42.2

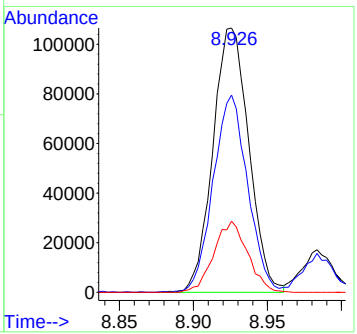


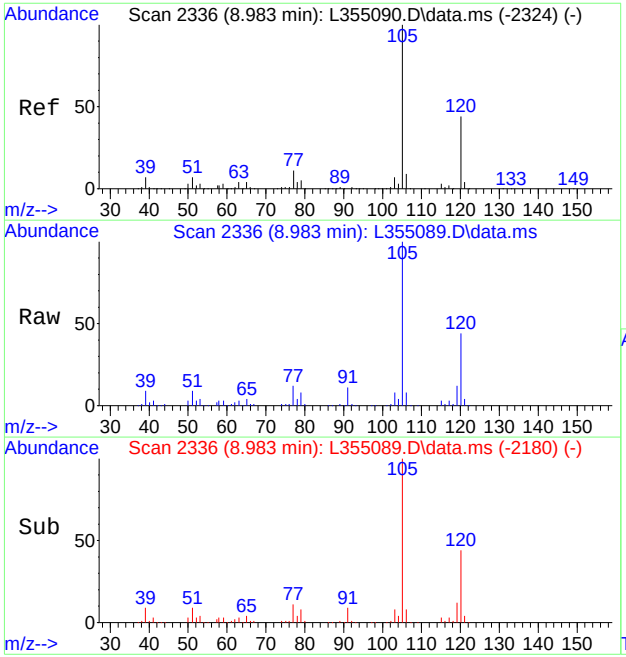


#105
tert-butylbenzene
Concen: 19.33 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:119 Resp: 180001

Ion	Ratio	Lower	Upper
119	100		
91	74.4	38.0	98.0
134	27.0	0.0	56.2

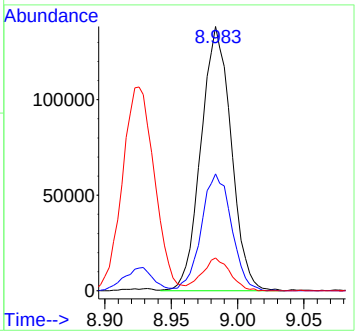


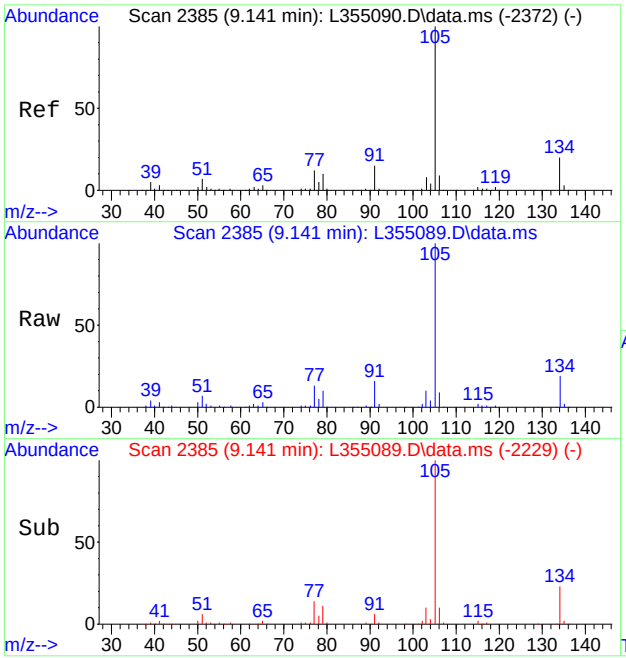


#106
1,2,4-trimethylbenzene
Concen: 19.45 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:105 Resp: 218652

Ion	Ratio	Lower	Upper
105	100		
120	44.2	15.8	75.8
119	12.4	0.0	42.1

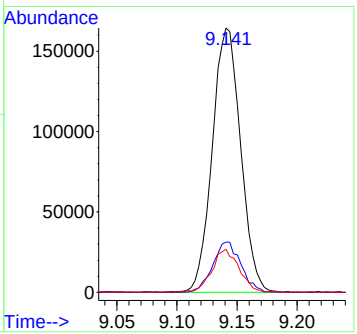


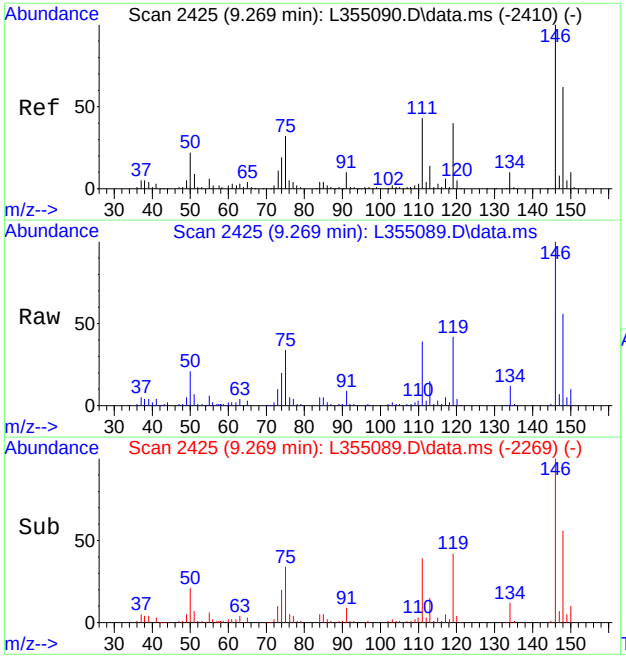


#107
sec-butylbenzene
Concen: 19.91 ug/L
RT: 9.141 min Scan# 2385
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:105 Resp: 269883

Ion	Ratio	Lower	Upper
105	100		
134	19.0	0.0	50.4
91	16.3	0.0	45.4

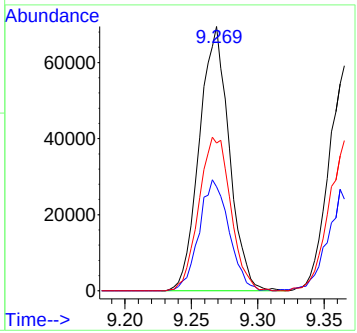


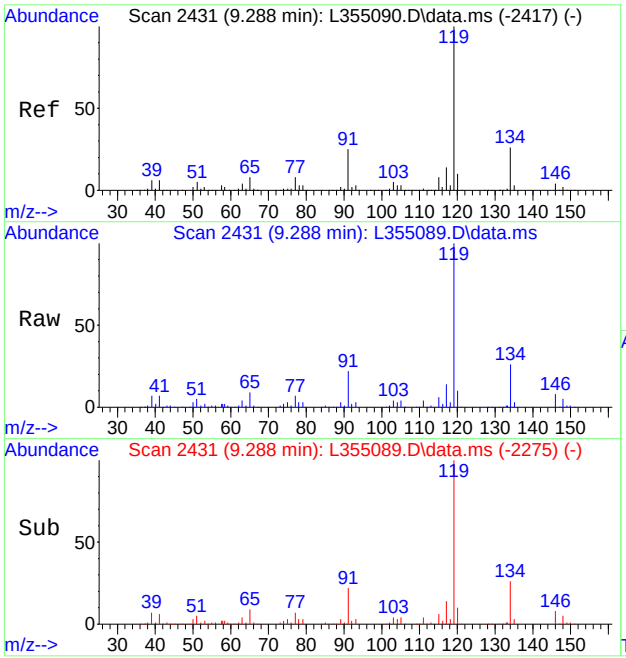


#108
1,3-dichlorobenzene
Concen: 20.48 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:146 Resp: 108737

Ion	Ratio	Lower	Upper
146	100		
111	39.4	13.1	73.1
148	55.9	32.4	92.4

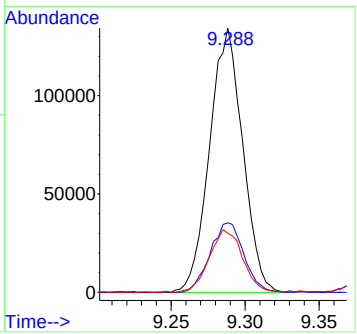


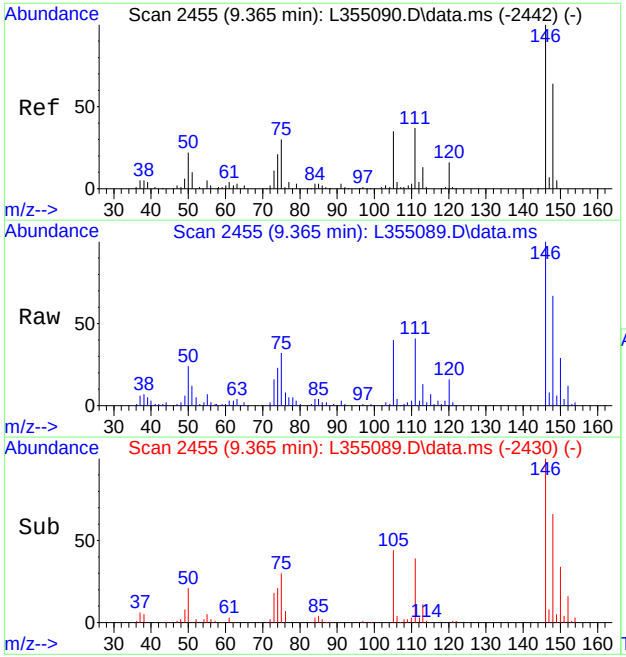


#109
p-isopropyltoluene
Concen: 19.72 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:119 Resp: 208356

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	56.2
91	22.4	0.0	55.0

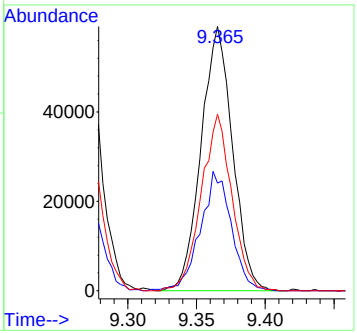


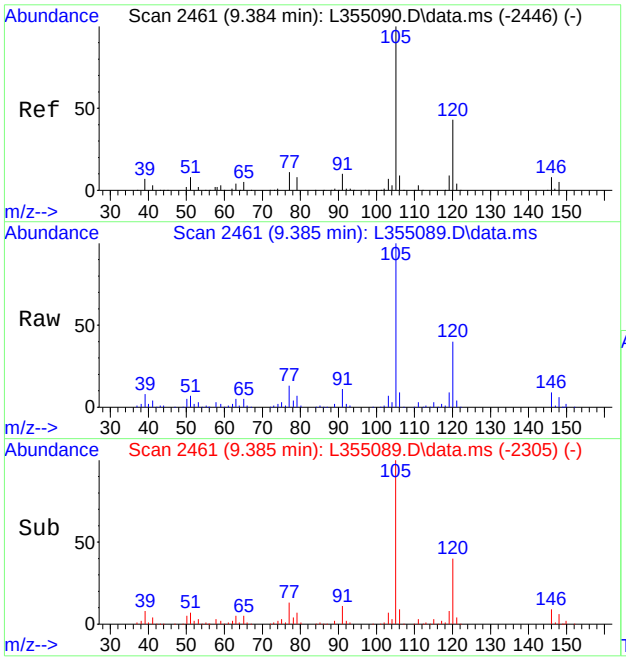


#110
1,4-dichlorobenzene
Concen: 19.30 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:146 Resp: 94141

Ion	Ratio	Lower	Upper
146	100		
111	40.7	7.6	67.6
148	66.8	33.7	93.7

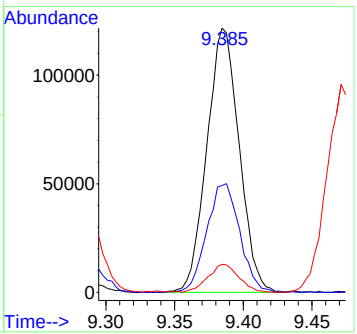


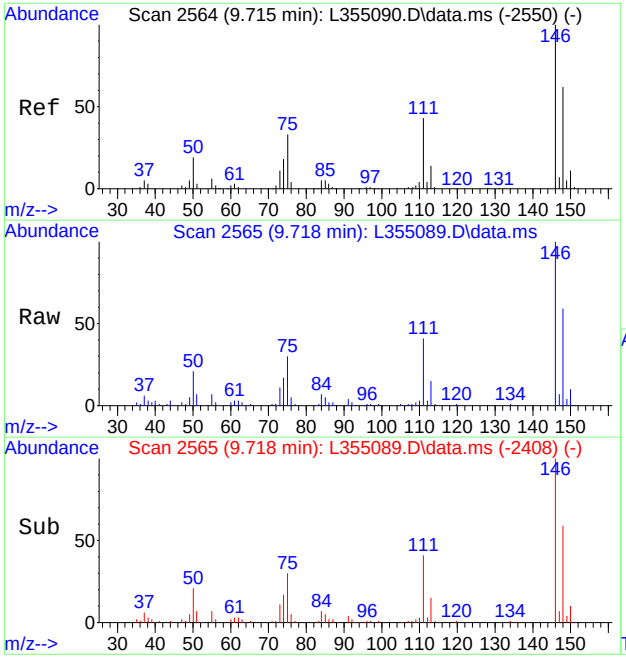


#111
1,2,3-trimethylbenzene
Concen: 19.48 ug/L
RT: 9.385 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:105 Resp: 199114

Ion	Ratio	Lower	Upper
105	100		
120	40.3	13.0	73.0
91	10.4	0.0	39.8

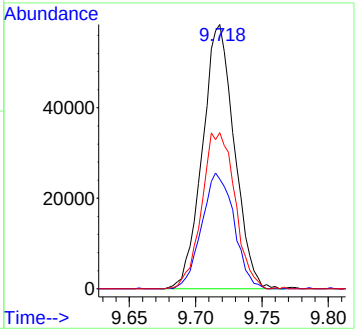


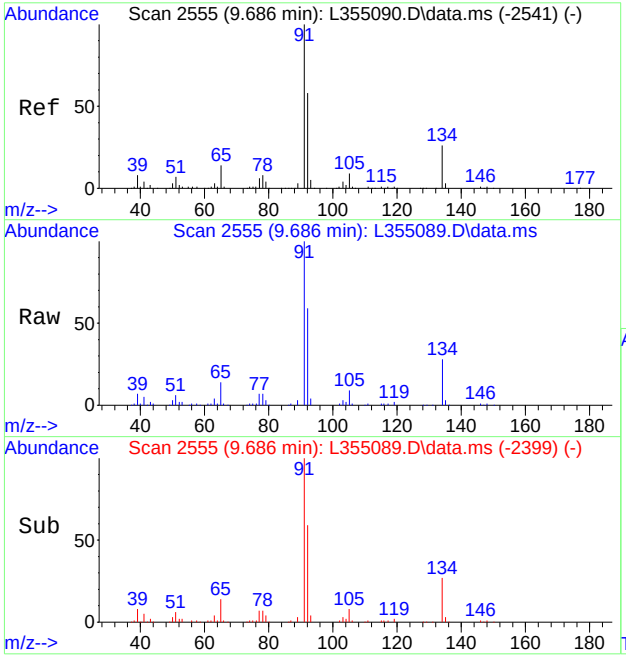


#112
1,2-dichlorobenzene
Concen: 19.66 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:146 Resp: 97498

Ion	Ratio	Lower	Upper
146	100		
111	41.5	13.0	73.0
148	59.0	32.1	92.1

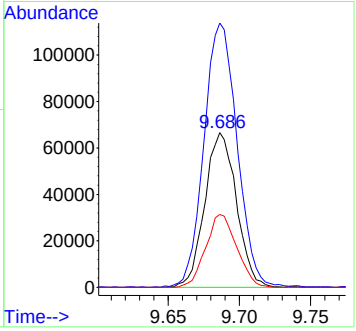


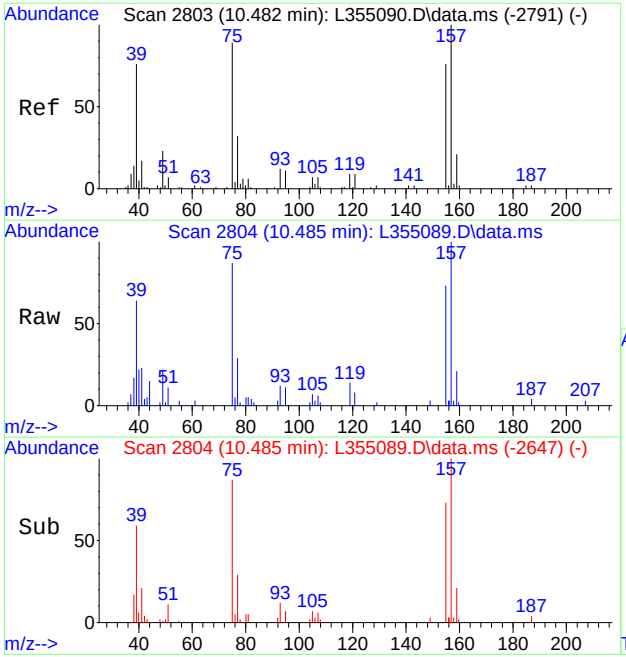


#113
n-butylbenzene
Concen: 20.23 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 92 Resp: 103053

Ion	Ratio	Lower	Upper
92	100		
91	170.8	141.2	201.2
134	47.1	14.9	74.9

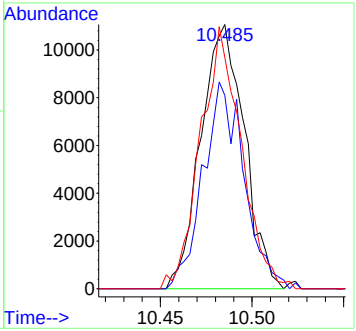


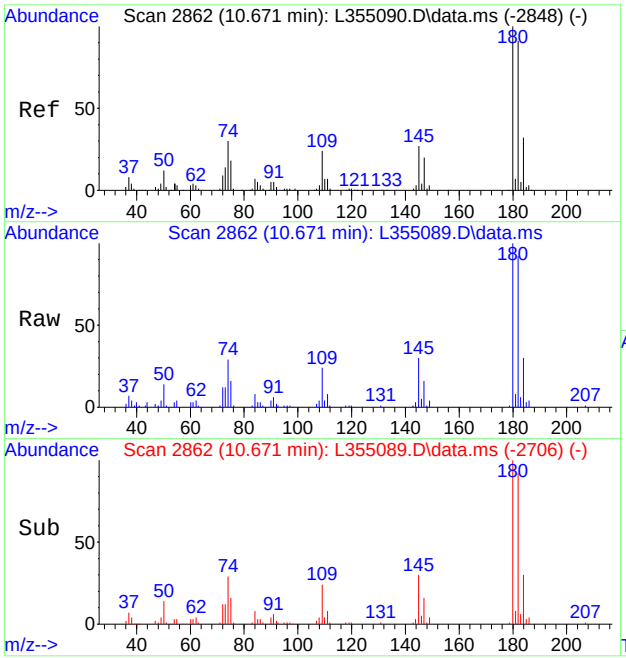


#114
1,2-dibromo-3-chloropropane
Concen: 20.05 ug/L
RT: 10.485 min Scan# 2804
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:157 Resp: 18375

Ion	Ratio	Lower	Upper
157	100		
155	73.1	46.0	106.0
75	87.4	58.9	118.9

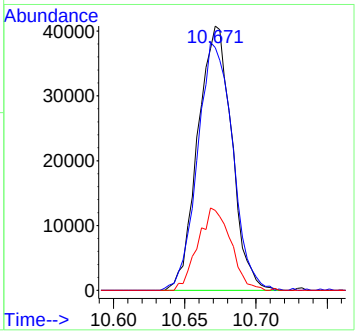


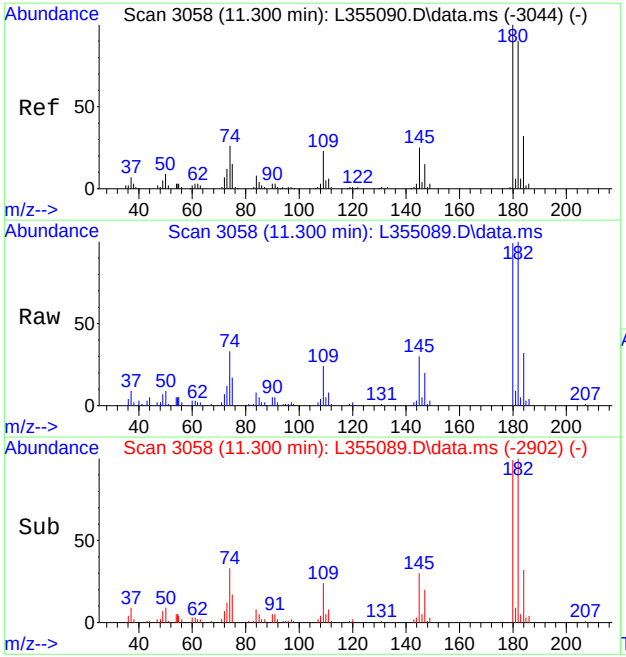


#115
1,3,5-trichlorobenzene
Concen: 21.29 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:180 Resp: 67502

Ion	Ratio	Lower	Upper
180	100		
182	91.7	61.0	121.0
184	30.2	1.5	61.5

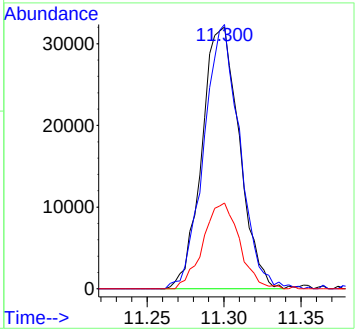


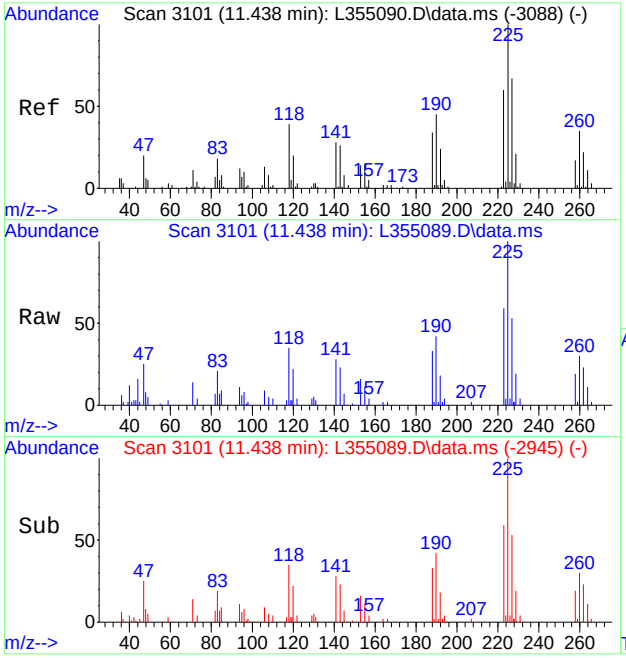


#116
1,2,4-trichlorobenzene
Concen: 21.51 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:180 Resp: 54190

Ion	Ratio	Lower	Upper
180	100		
182	101.0	59.8	119.8
184	32.7	1.8	61.8

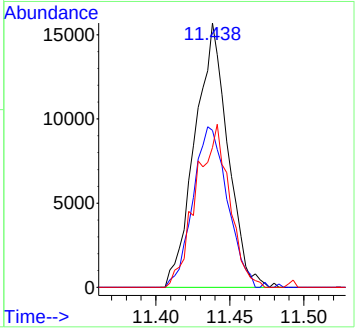


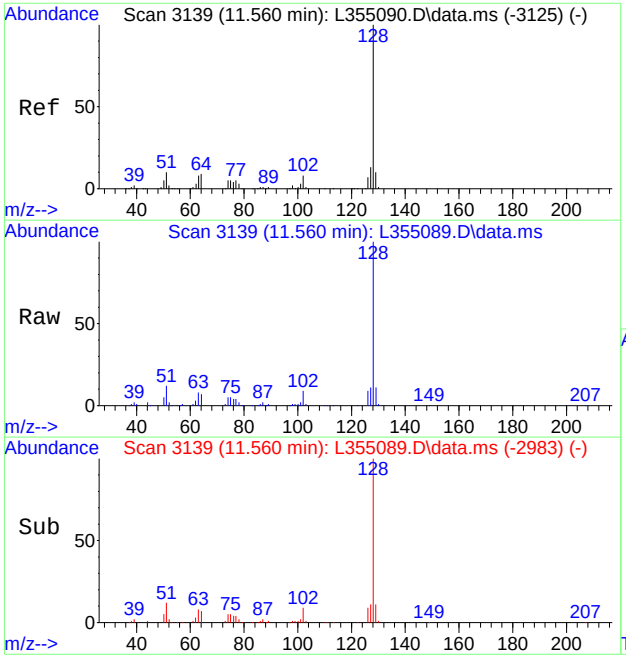


#117
hexachlorobutadiene
Concen: 19.95 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:225 Resp: 24256

Ion	Ratio	Lower	Upper
225	100		
223	59.3	30.5	90.5
227	53.0	37.2	97.2

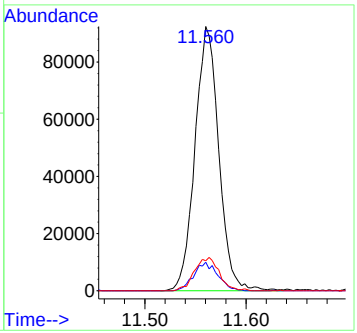


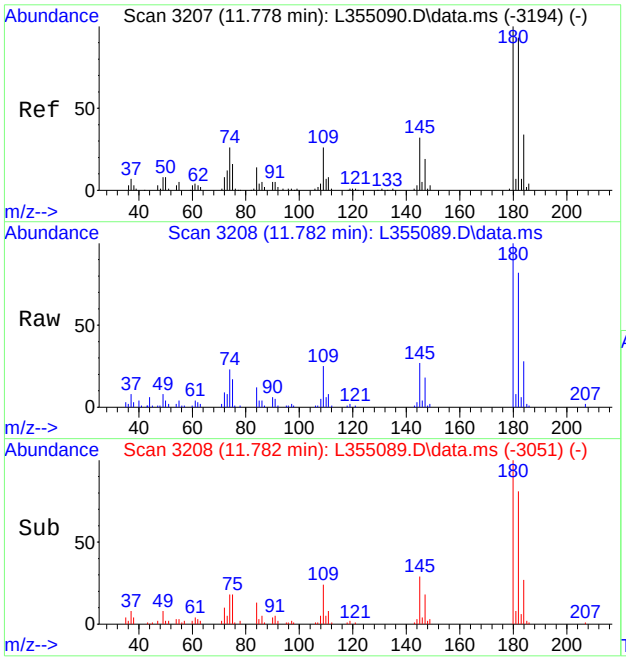


#118
naphthalene
Concen: 21.71 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:128 Resp: 151182

Ion	Ratio	Lower	Upper
128	100		
129	10.9	0.0	40.2
127	11.4	0.0	43.0

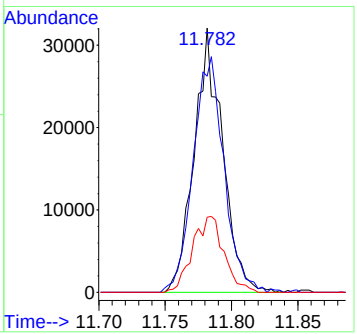


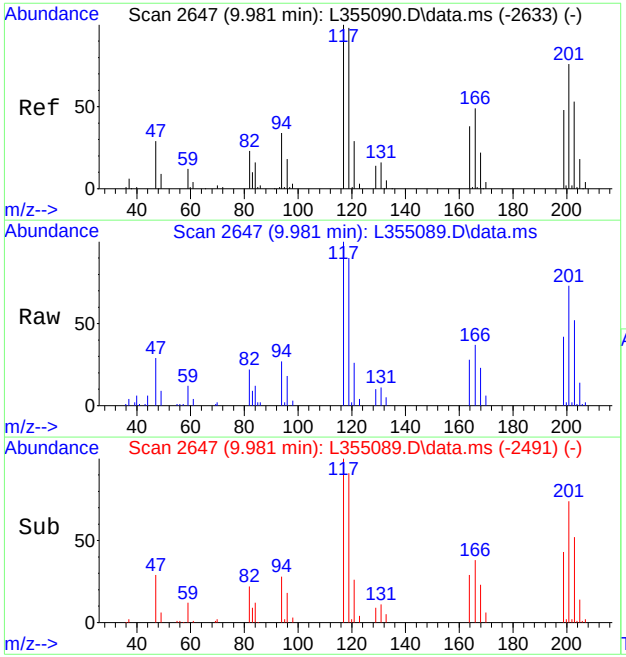


#119
1,2,3-trichlorobenzene
Concen: 22.28 ug/L
RT: 11.782 min Scan# 3208
Delta R.T. 0.003 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:180 Resp: 47766

Ion	Ratio	Lower	Upper
180	100		
182	81.8	63.1	123.1
184	28.5	3.8	63.8

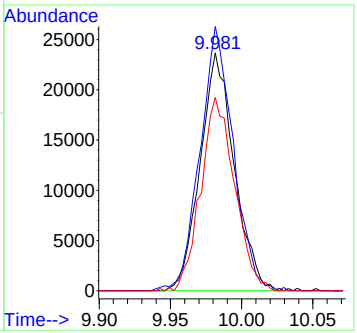


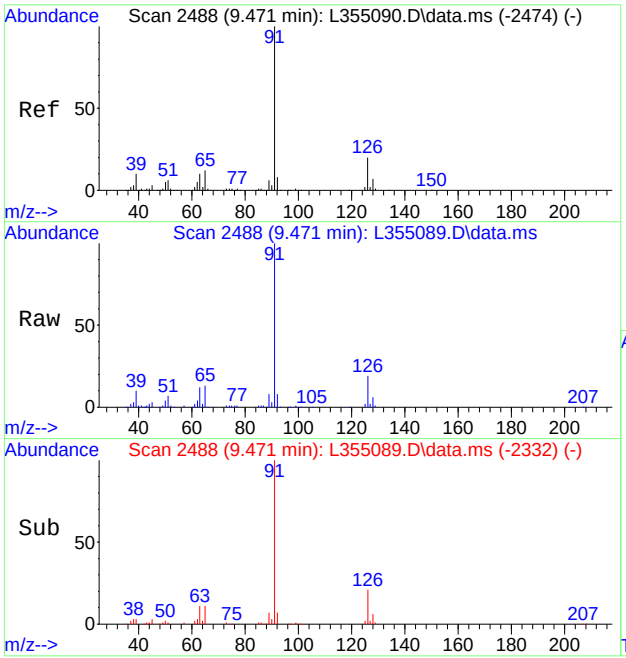


#120
hexachloroethane
Concen: 20.23 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:119 Resp: 39239

Ion	Ratio	Lower	Upper
119	100		
117	109.7	71.9	131.9
201	81.3	47.2	107.2

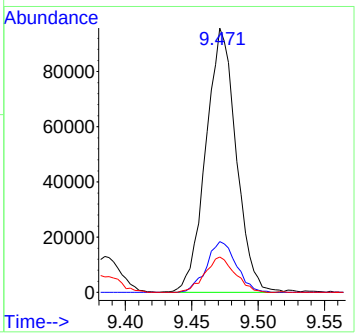


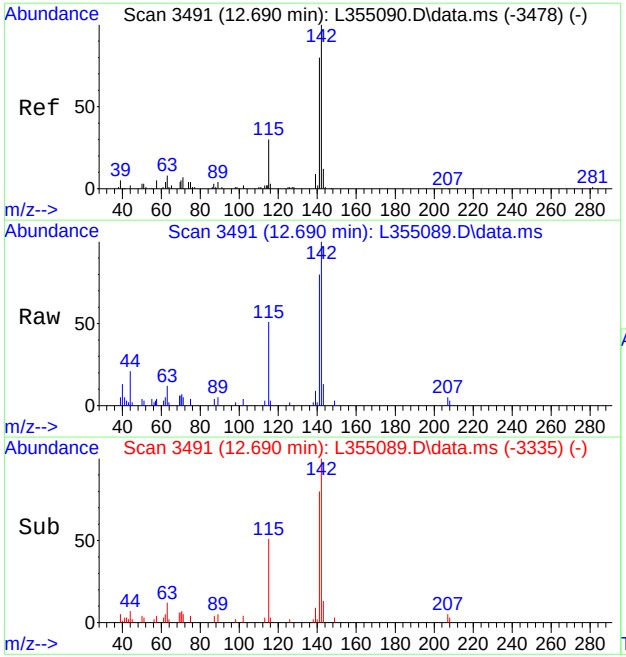


#121
benzyl chloride
Concen: 19.88 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion: 91 Resp: 152427

Ion	Ratio	Lower	Upper
91	100		
126	19.2	0.0	50.3
65	13.4	0.0	42.2

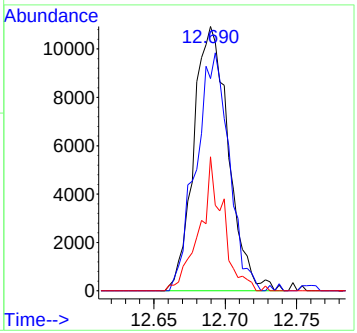




#122
2-methylnaphthalene
Concen: 9.09 ug/L
RT: 12.690 min Scan# 3491
Delta R.T. 0.000 min
Lab File: L355089.D
Acq: 29 Apr 2023 8:29 pm

Tgt Ion:142 Resp: 18585

Ion	Ratio	Lower	Upper
142	100		
141	80.3	59.9	99.9
115	50.6	10.4	50.4#



7.7.46

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355090.D
Acq On : 29 Apr 2023 8:52 pm
Operator : PrashanS
Sample : ICC10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 12:54:35 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:04:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.992	65	151188	500.00	ug/L		0.00
5) pentafluorobenzene	4.199	168	280030	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.764	114	407766	50.00	ug/L		0.00
72) chlorobenzene-d5	7.148	117	373563	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.340	152	145701	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.199	168	280030	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.340	152	145701	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.209	113	117513	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	139205	50.00	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 100.00%				
73) toluene-d8 (s)	5.903	98	471799	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
96) 4-bromofluorobenzene (s)	8.229	95	169923	50.00	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%				
Target Compounds							Qvalue
2) 1,4-dioxane	5.194	88	12624	1250.00	ug/L		100
3) ethanol	2.424	45	107266	5000.00	ug/L		100
4) tertiary butyl alcohol	3.047	59	123684	250.00	ug/L		100
6) chlorodifluoromethane	1.609	51	372175	50.00	ug/L	#	100
7) dichlorodifluoromethane	1.597	85	302747	50.00	ug/L		100
8) chloromethane	1.747	50	310040	50.00	ug/L		100
9) vinyl chloride	1.834	62	245509	50.00	ug/L		100
10) 1,3-butadiene	1.863	54	245255	50.00	ug/L		100
11) bromomethane	2.084	96	91768	50.00	ug/L		100
12) chloroethane	2.161	64	117840	50.00	ug/L		100
13) trichlorofluoromethane	2.338	101	256480	50.00	ug/L		100
14) ethyl ether	2.514	74	113440	50.00	ug/L		100
15) acrolein	2.617	56	54130	50.00	ug/L		100
16) freon 113	2.688	151	133187	50.00	ug/L		100
17) 1,1-dichloroethene	2.697	96	128178	50.00	ug/L		100
18) acetone	2.707	58	104237	200.00	ug/L		100
19) acetonitrile	2.893	40	159040	500.00	ug/L		100
20) iodomethane	2.809	142	163758	50.00	ug/L		100
21) iso-butyl alcohol	4.350	43	104355	500.00	ug/L		100
22) carbon disulfide	2.867	76	506492	50.00	ug/L		100
23) methylene chloride	3.018	84	149380	50.00	ug/L		100
24) methyl acetate	2.912	74	40033	50.00	ug/L		100
25) methyl tert butyl ether	3.182	73	497900	50.00	ug/L		100
26) trans-1,2-dichloroethene	3.204	96	137585	50.00	ug/L		100
27) hexane	3.377	57	365773	50.00	ug/L		100
28) di-isopropyl ether	3.487	45	698693	50.00	ug/L		100
29) ethyl tert-butyl ether	3.730	59	614533	50.00	ug/L		100
30) 2-butanone	3.849	72	109697	200.00	ug/L		100
31) 1,1-dichloroethane	3.493	63	301638	50.00	ug/L		100
32) chloroprene	3.548	53	324981	50.00	ug/L		100
33) acrylonitrile	3.162	53	113754	50.00	ug/L		100
34) vinyl acetate	3.470	86	37129	50.00	ug/L		100
35) ethyl acetate	3.859	45	47317	50.00	ug/L		100
36) 2,2-dichloropropane	3.891	77	218717	50.00	ug/L		100
37) cis-1,2-dichloroethene	3.878	96	150851	50.00	ug/L		100
38) propionitrile	3.897	54	323927	500.00	ug/L		100
39) methyl acrylate	3.907	85	30628	50.00	ug/L		100
40) bromochloromethane	4.042	128	67758	50.00	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355090.D
Acq On : 29 Apr 2023 8:52 pm
Operator : PrashanS
Sample : ICC10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 12:54:35 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:04:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) tetrahydrofuran	4.051	72	30402	50.00	ug/L	100
42) chloroform	4.096	83	264036	50.00	ug/L	100
44) methacrylonitrile	4.006	67	92452	50.00	ug/L	100
45) 1,1,1-trichloroethane	4.237	97	218804	50.00	ug/L	100
46) cyclohexane	4.292	84	233461	50.00	ug/L	100
47) 1,1-dichloropropene	4.343	75	204629	50.00	ug/L	100
48) carbon tetrachloride	4.350	117	183786	50.00	ug/L	100
49) isopropyl acetate	4.459	87	44458	50.00	ug/L	100
50) tert amyl alcohol	4.440	55	50622	250.00	ug/L	100
53) tert-amyl methyl ether	4.549	73	449321	50.00	ug/L	100
54) 2,2,4-trimethylpentane	4.552	57	575861	50.00	ug/L	100
55) n-butyl alcohol	4.825	56	235754	2500.00	ug/L	100
56) benzene	4.488	78	569311	50.00	ug/L	100
57) heptane	4.661	57	149678	50.00	ug/L	100
58) 1,2-dichloroethane	4.513	62	205708	50.00	ug/L	100
59) trichloroethene	4.956	95	158493	50.00	ug/L	100
60) ethyl acrylate	4.972	55	327694	50.00	ug/L	100
61) 2-nitropropane	5.505	41	75675	50.00	ug/L	100
62) 2-chloroethyl vinyl ether	5.537	63	420241	250.00	ug/L	100
63) methyl methacrylate	5.152	100	49334	50.00	ug/L	100
64) 1,2-dichloropropane	5.152	63	185005	50.00	ug/L	100
65) methylcyclohexane	5.139	83	287337	50.00	ug/L	100
66) dibromomethane	5.226	93	87766	50.00	ug/L	100
67) bromodichloromethane	5.341	83	215788	50.00	ug/L	100
68) cis-1,3-dichloropropene	5.681	75	288049	50.00	ug/L	100
69) epichlorohydrin	5.588	57	124932	250.00	ug/L	100
70) 4-methyl-2-pentanone	5.781	58	412363	200.00	ug/L	100
71) 3-methyl-1-butanol	5.800	70	91322	1000.00	ug/L	100
74) toluene	5.961	92	374663	50.00	ug/L	100
75) trans-1,3-dichloropropene	6.134	75	263475	50.00	ug/L	100
76) ethyl methacrylate	6.153	69	240418	50.00	ug/L	100
77) 1,1,2-trichloroethane	6.301	83	128673	50.00	ug/L	100
78) 2-hexanone	6.464	58	405806	200.00	ug/L	100
79) tetrachloroethene	6.397	166	158933	50.00	ug/L	100
80) 1,3-dichloropropane	6.445	76	249155	50.00	ug/L	100
81) butyl acetate	6.551	56	180228	50.00	ug/L	100
82) dibromochloromethane	6.634	129	154740	50.00	ug/L	100
83) 1,2-dibromoethane	6.750	107	155742	50.00	ug/L	100
84) n-butyl ether	7.222	57	809743	50.00	ug/L	100
85) chlorobenzene	7.177	112	400134	50.00	ug/L	100
86) 1,1,1,2-tetrachloroethane	7.251	131	127233	50.00	ug/L	100
87) ethylbenzene	7.254	91	638213	50.00	ug/L	100
88) m,p-xylene	7.366	106	519130	100.00	ug/L	100
89) o-xylene	7.719	106	262603	50.00	ug/L	100
90) butyl acrylate	7.642	55	468820	50.00	ug/L	100
91) styrene	7.738	104	417647	50.00	ug/L	100
92) bromoform	7.915	173	115943	50.00	ug/L	100
93) isopropylbenzene	8.056	105	666759	50.00	ug/L	100
94) cis-1,4-dichloro-2-butene	8.111	88	80778	50.00	ug/L	100
97) bromobenzene	8.374	156	151401	50.00	ug/L	100
98) 1,1,2,2-tetrachloroethane	8.345	83	213805	50.00	ug/L	100
99) trans-1,4-dichloro-2-b...	8.380	53	70963	50.00	ug/L	100
100) 1,2,3-trichloropropane	8.406	110	55991	50.00	ug/L	100
101) n-propylbenzene	8.451	91	732182	50.00	ug/L	100
102) 2-chlorotoluene	8.550	126	144362	50.00	ug/L	100
103) 4-chlorotoluene	8.662	126	136278	50.00	ug/L	100
104) 1,3,5-trimethylbenzene	8.621	105	514937	50.00	ug/L	100
105) tert-butylbenzene	8.926	119	436812	50.00	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355090.D
Acq On : 29 Apr 2023 8:52 pm
Operator : PrashanS
Sample : ICC10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 12:54:35 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:04:47 2023
Response via : Initial Calibration

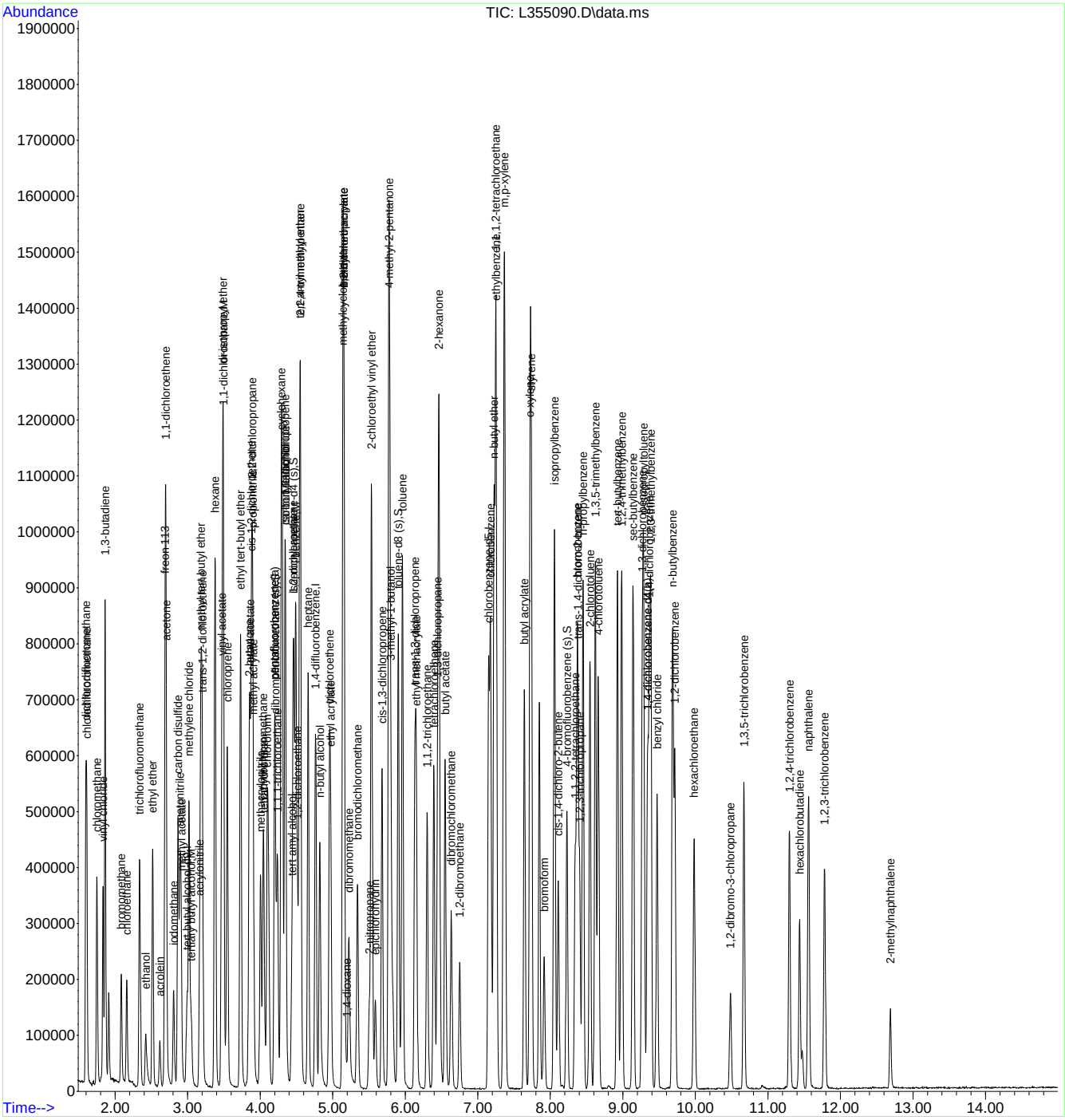
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.983	105	510823	50.00	ug/L	100
107) sec-butylbenzene	9.141	105	642909	50.00	ug/L	100
108) 1,3-dichlorobenzene	9.269	146	262483	50.00	ug/L	100
109) p-isopropyltoluene	9.288	119	488629	50.00	ug/L	100
110) 1,4-dichlorobenzene	9.365	146	232814	50.00	ug/L	100
111) 1,2,3-trimethylbenzene	9.384	105	466832	50.00	ug/L	100
112) 1,2-dichlorobenzene	9.715	146	236357	50.00	ug/L	100
113) n-butylbenzene	9.686	92	260545	50.00	ug/L	100
114) 1,2-dibromo-3-chloropr...	10.482	157	51426	50.00	ug/L	100
115) 1,3,5-trichlorobenzene	10.671	180	172102	50.00	ug/L	100
116) 1,2,4-trichlorobenzene	11.300	180	147716	50.00	ug/L	100
117) hexachlorobutadiene	11.438	225	63282	50.00	ug/L	100
118) naphthalene	11.560	128	414724	50.00	ug/L	100
119) 1,2,3-trichlorobenzene	11.778	180	125896	50.00	ug/L	100
120) hexachloroethane	9.981	119	99402	50.00	ug/L	100
121) benzyl chloride	9.471	91	376466	50.00	ug/L	100
122) 2-methylnaphthalene	12.690	142	69152	25.00	ug/L	100

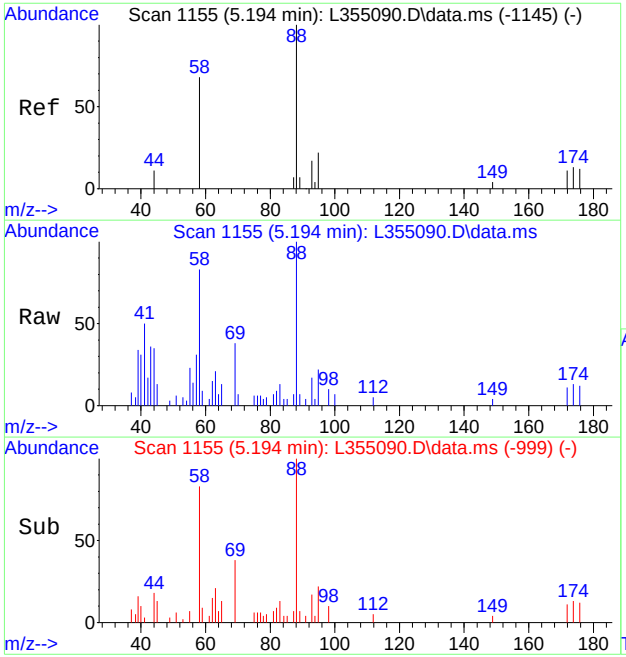
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355090.D
Acq On : 29 Apr 2023 8:52 pm
Operator : PrashanS
Sample : ICC10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 12:54:35 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:04:47 2023
Response via : Initial Calibration

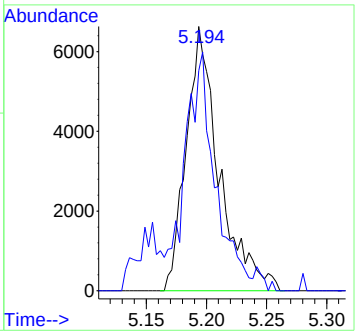


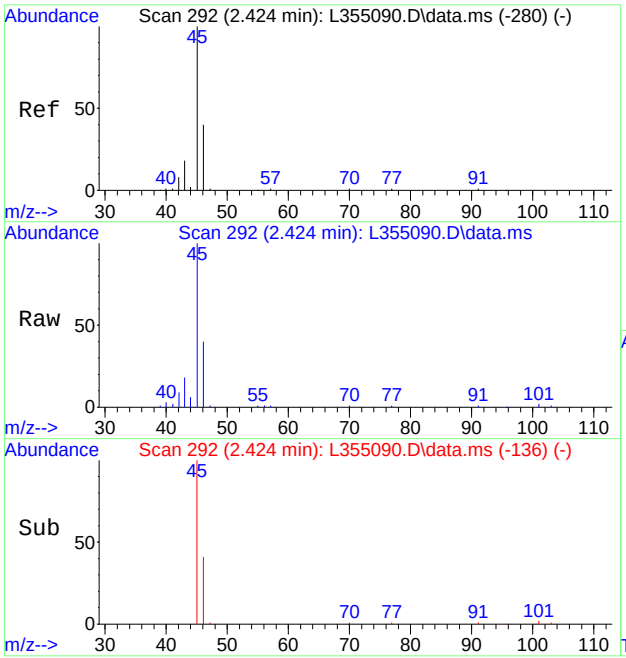


#2
1,4-dioxane
Concen: 1250.00 ug/L
RT: 5.194 min Scan# 1155
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 88 Resp: 12624

Ion	Ratio	Lower	Upper
88	100		
58	83.2	53.2	113.2

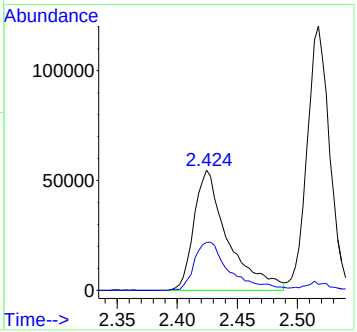


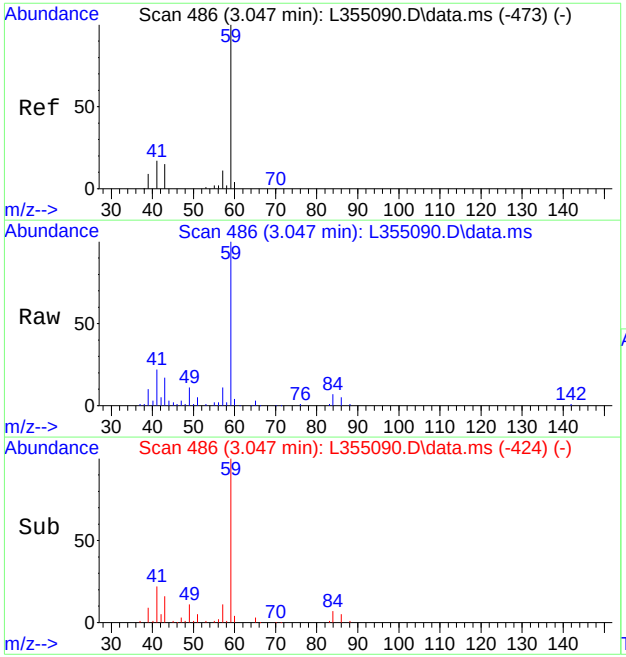


#3
ethanol
Concen: 5000.00 ug/L
RT: 2.424 min Scan# 292
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 45 Resp: 107266

Ion	Ratio	Lower	Upper
45	100		
46	40.0	20.0	60.0

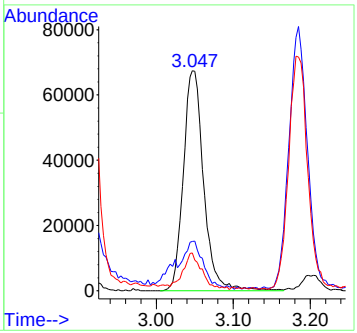


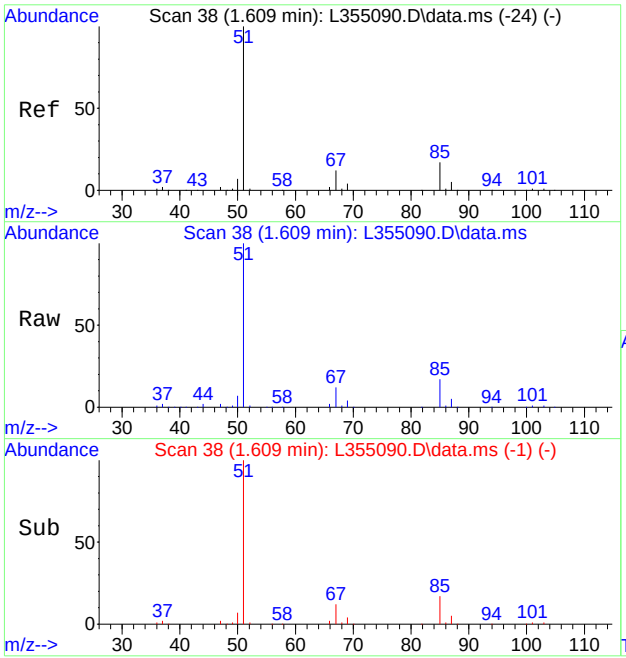


#4
tertiary butyl alcohol
Concen: 250.00 ug/L
RT: 3.047 min Scan# 486
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 59 Resp: 123684

Ion	Ratio	Lower	Upper
59	100		
41	17.4	0.0	47.4
43	14.8	0.0	44.8

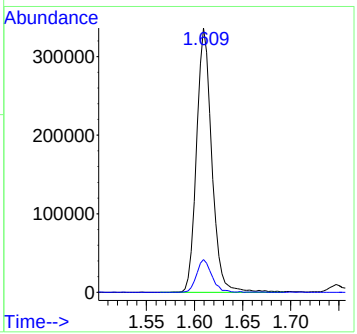


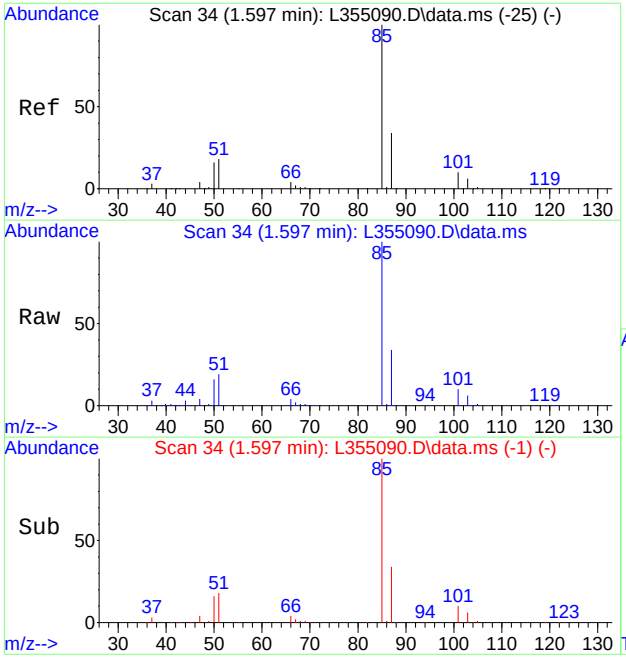


#6
chlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.609 min Scan# 38
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 51 Resp: 372175

Ion	Ratio	Lower	Upper
51	100		
67	12.4	12.4	12.4#

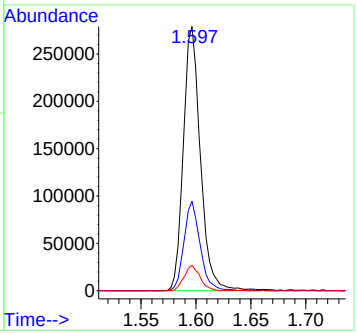


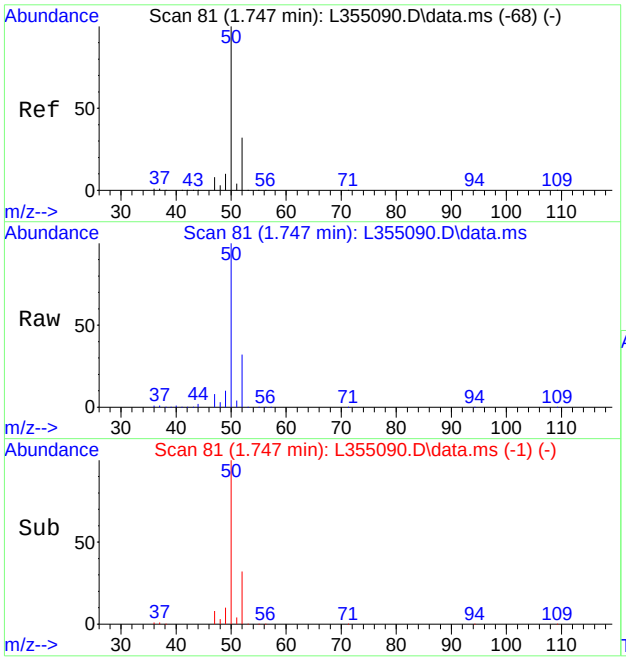


#7
dichlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.597 min Scan# 34
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 85 Resp: 302747

Ion	Ratio	Lower	Upper
85	100		
87	33.9	3.9	63.9
101	9.7	0.0	39.7

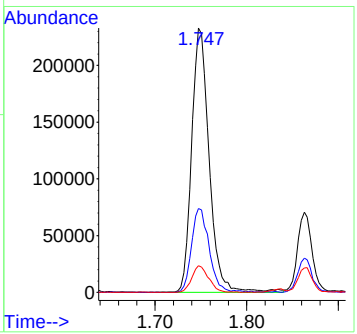


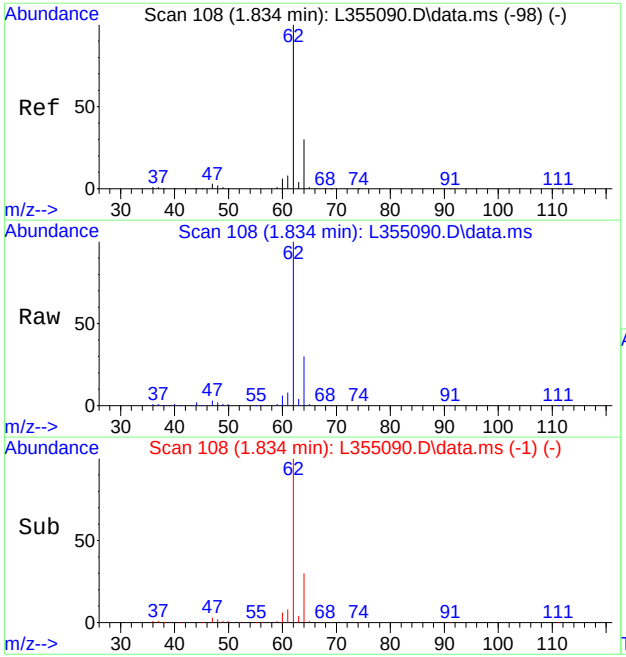


#8
chloromethane
Concen: 50.00 ug/L
RT: 1.747 min Scan# 81
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 50 Resp: 310040

Ion	Ratio	Lower	Upper
50	100		
52	31.7	1.7	61.7
49	10.1	0.0	40.1

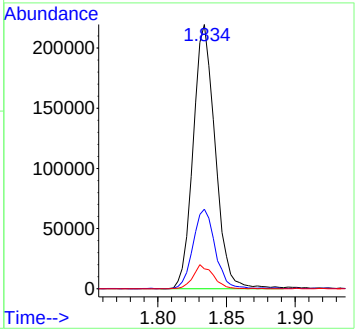


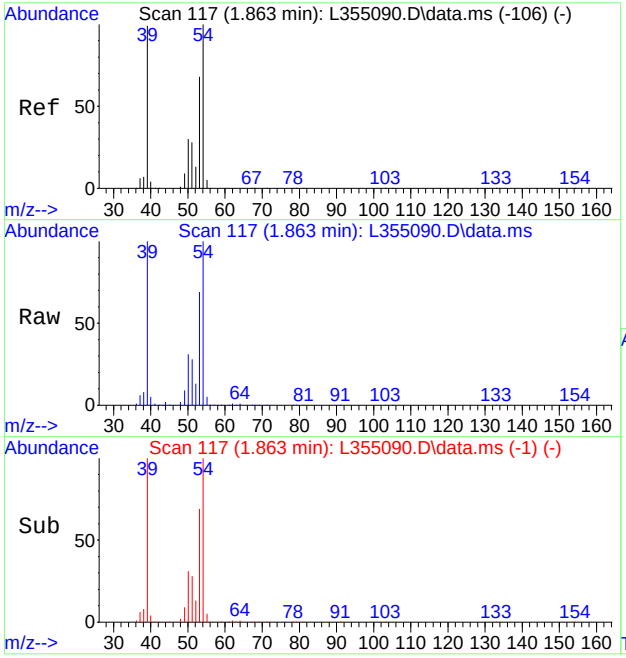


#9
vinyl chloride
Concen: 50.00 ug/L
RT: 1.834 min Scan# 108
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 62 Resp: 245509

Ion	Ratio	Lower	Upper
62	100		
64	30.0	0.0	60.0
61	7.5	0.0	37.5

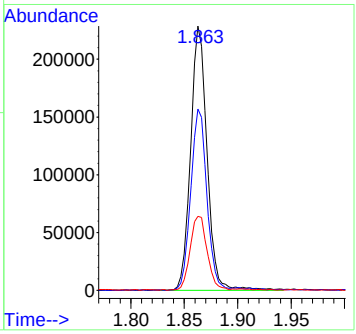


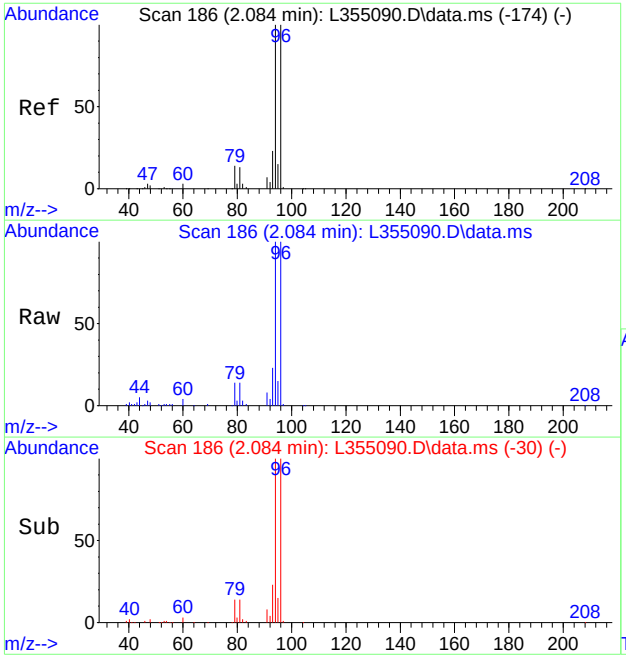


#10
1,3-butadiene
Concen: 50.00 ug/L
RT: 1.863 min Scan# 117
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 54 Resp: 245255

Ion	Ratio	Lower	Upper
54	100		
53	68.4	38.4	98.4
51	27.9	0.0	57.9

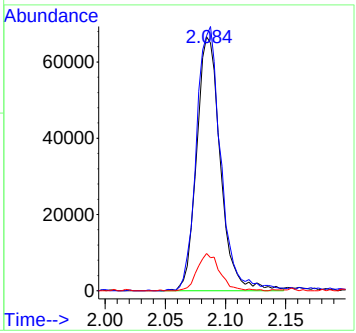


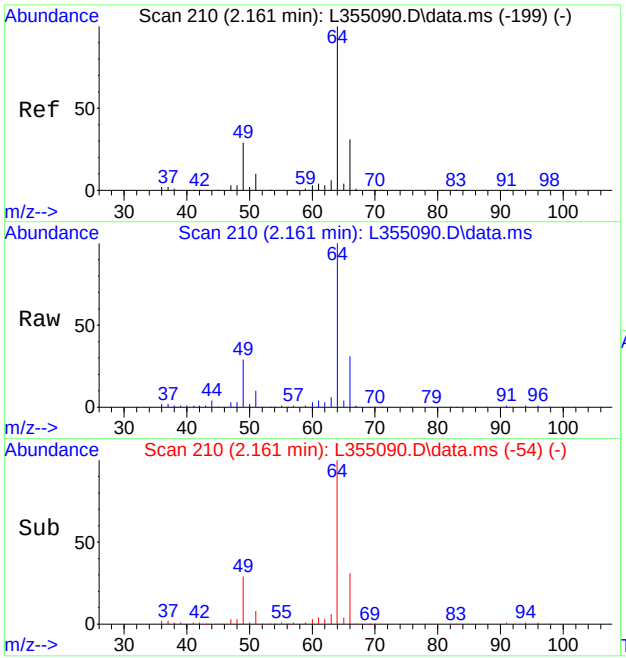


#11
bromomethane
Concen: 50.00 ug/L
RT: 2.084 min Scan# 186
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 96 Resp: 91768

Ion	Ratio	Lower	Upper
96	100		
94	100.4	70.4	130.4
95	14.4	0.0	44.4

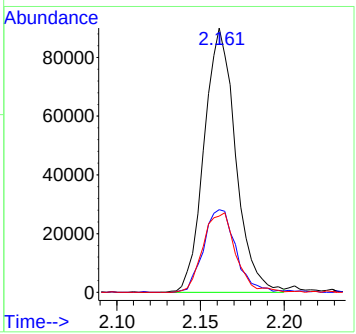


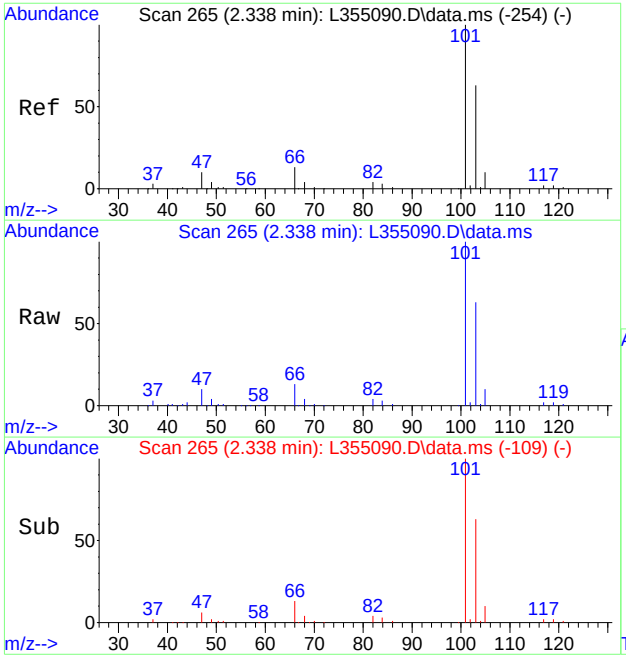


#12
chloroethane
Concen: 50.00 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 64 Resp: 117840

Ion	Ratio	Lower	Upper
64	100		
66	31.3	1.3	61.3
49	28.9	0.0	58.9

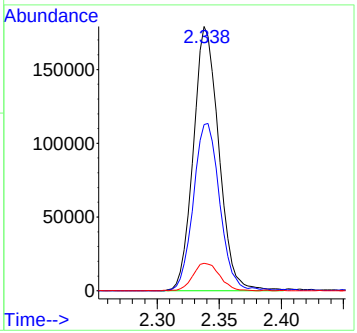


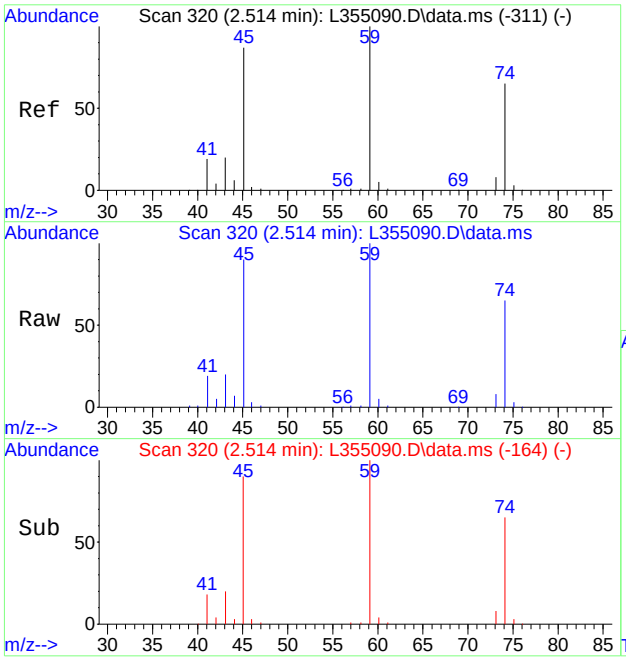


#13
trichlorofluoromethane
Concen: 50.00 ug/L
RT: 2.338 min Scan# 265
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:101 Resp: 256480

Ion	Ratio	Lower	Upper
101	100		
103	62.9	32.9	92.9
105	10.4	0.0	40.4

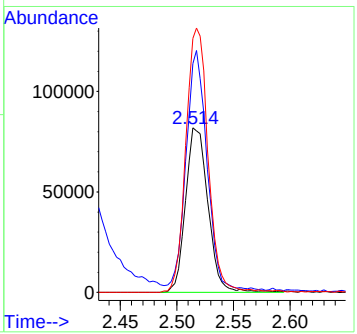


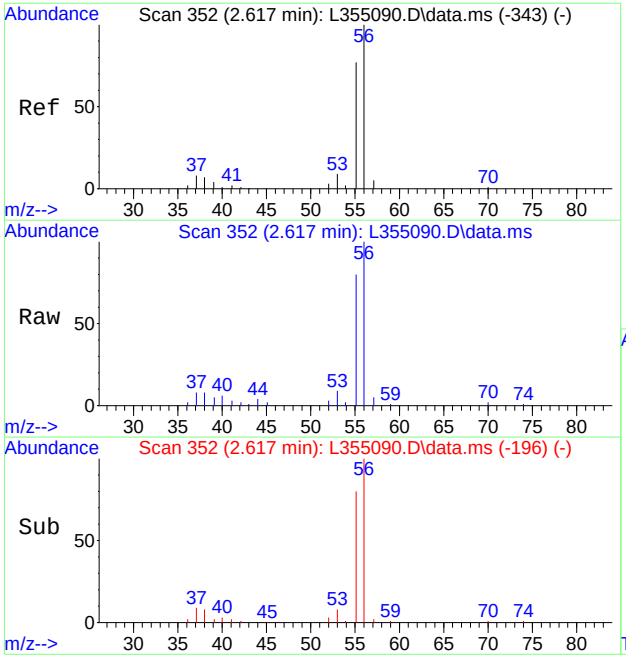


#14
ethyl ether
Concen: 50.00 ug/L
RT: 2.514 min Scan# 320
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 74 Resp: 113440

Ion	Ratio	Lower	Upper
74	100		
45	138.0	108.0	168.0
59	154.3	124.3	184.3

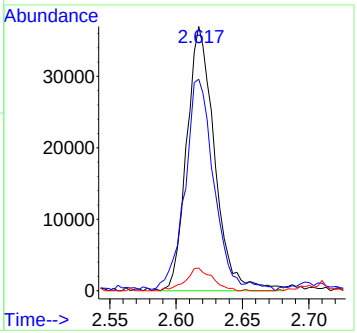


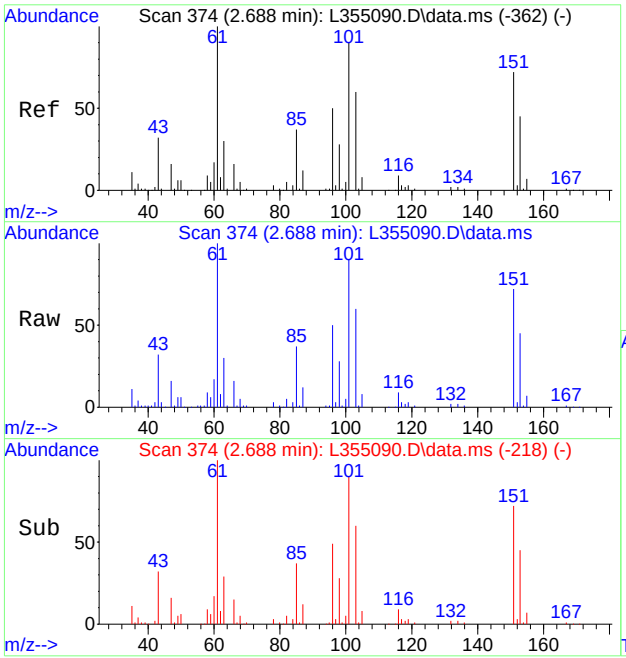


#15
acrolein
Concen: 50.00 ug/L
RT: 2.617 min Scan# 352
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 56 Resp: 54130

Ion	Ratio	Lower	Upper
56	100		
55	78.6	48.6	108.6
53	8.7	0.0	38.7

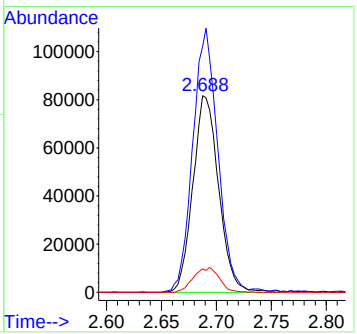


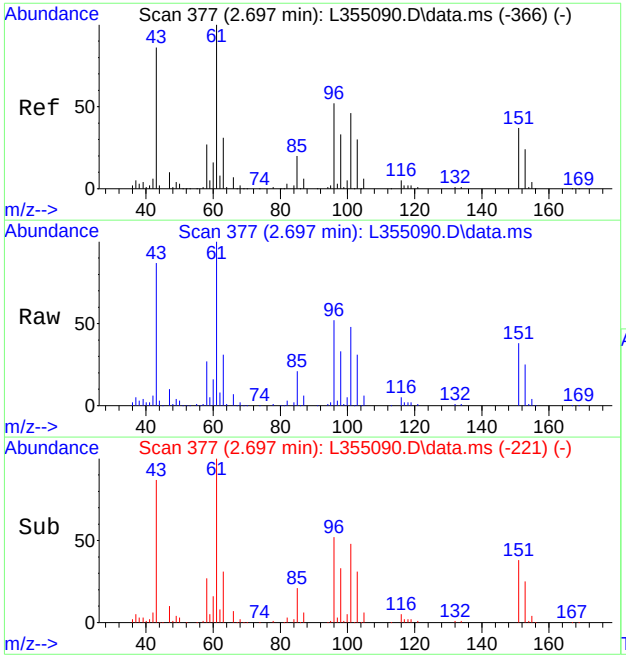


#16
freon 113
Concen: 50.00 ug/L
RT: 2.688 min Scan# 374
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:151 Resp: 133187

Ion	Ratio	Lower	Upper
151	100		
101	125.0	105.0	145.0
116	11.9	0.0	31.9

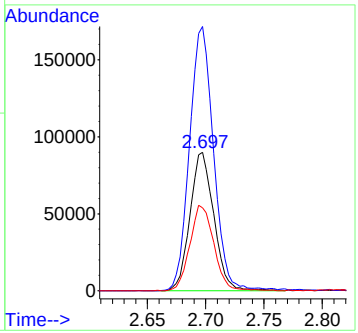


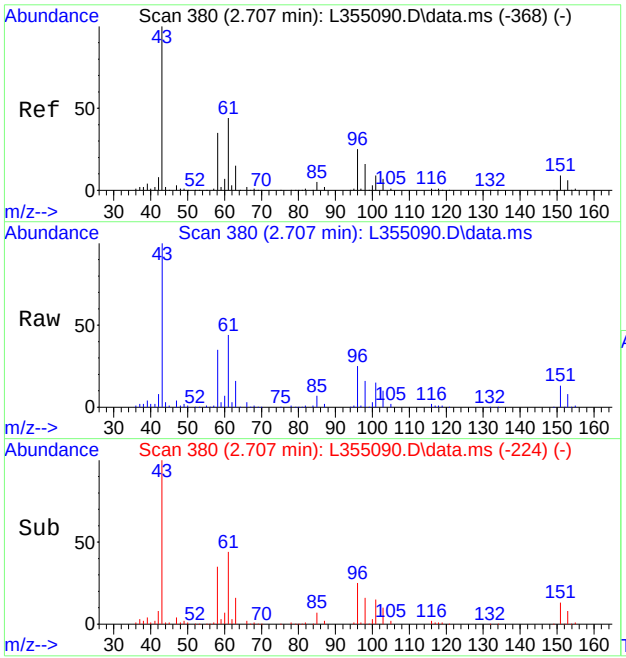


#17
1,1-dichloroethene
Concen: 50.00 ug/L
RT: 2.697 min Scan# 377
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 96 Resp: 128178

Ion	Ratio	Lower	Upper
96	100		
61	190.9	160.9	220.9
63	59.9	29.9	89.9

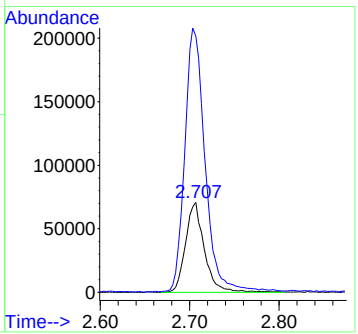


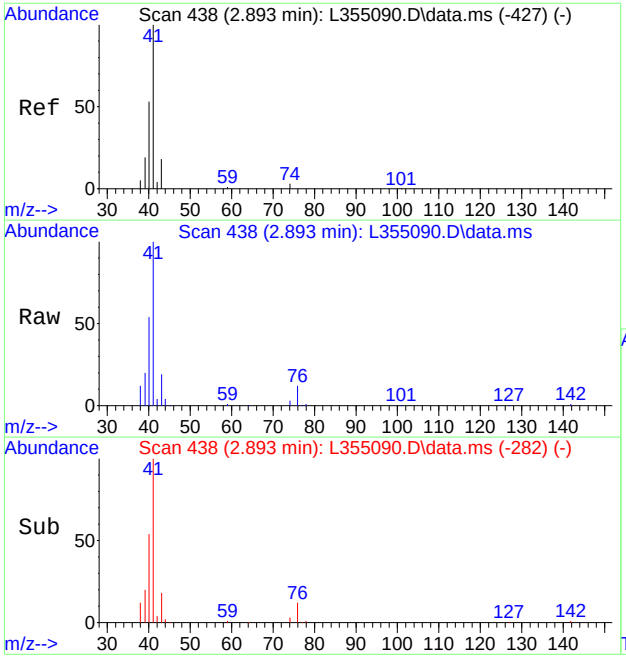


#18
acetone
Concen: 200.00 ug/L
RT: 2.707 min Scan# 380
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 58 Resp: 104237

Ion	Ratio	Lower	Upper
58	100		
43	283.7	253.7	313.7

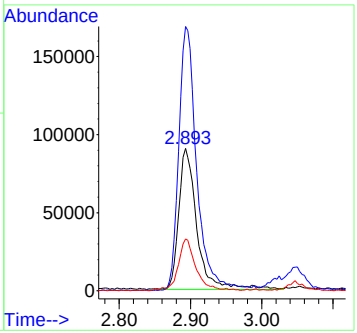


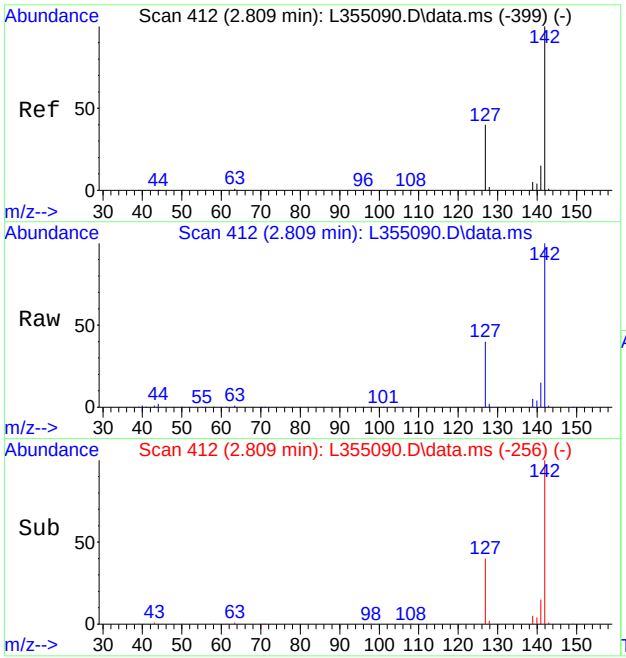


#19
acetonitrile
Concen: 500.00 ug/L
RT: 2.893 min Scan# 438
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 40 Resp: 159040

Ion	Ratio	Lower	Upper
40	100		
41	186.9	156.9	216.9
39	35.5	5.5	65.5

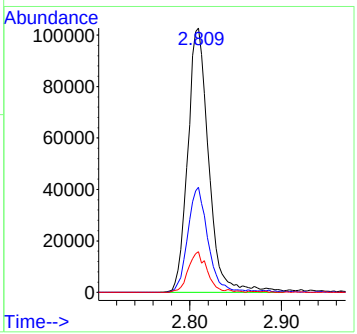


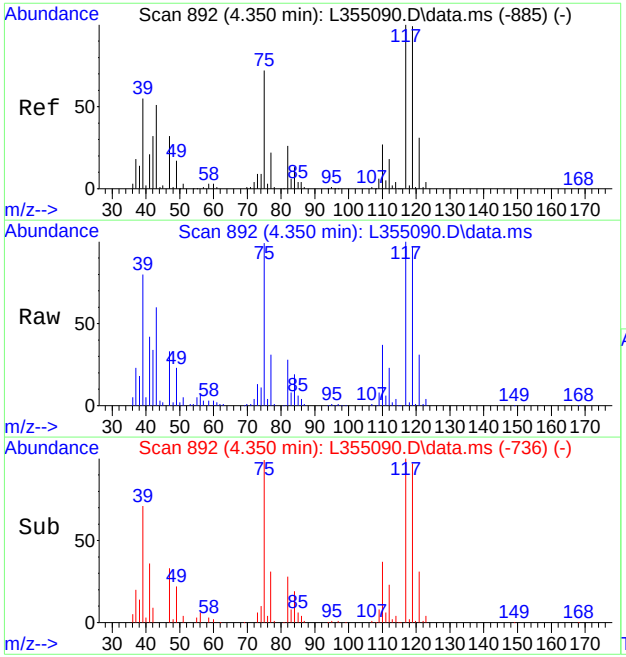


#20
iodomethane
Concen: 50.00 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:142 Resp: 163758

Ion	Ratio	Lower	Upper
142	100		
127	39.8	9.8	69.8
141	15.4	0.0	45.4

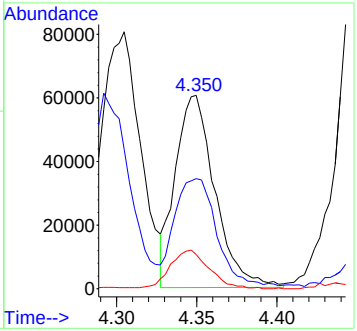


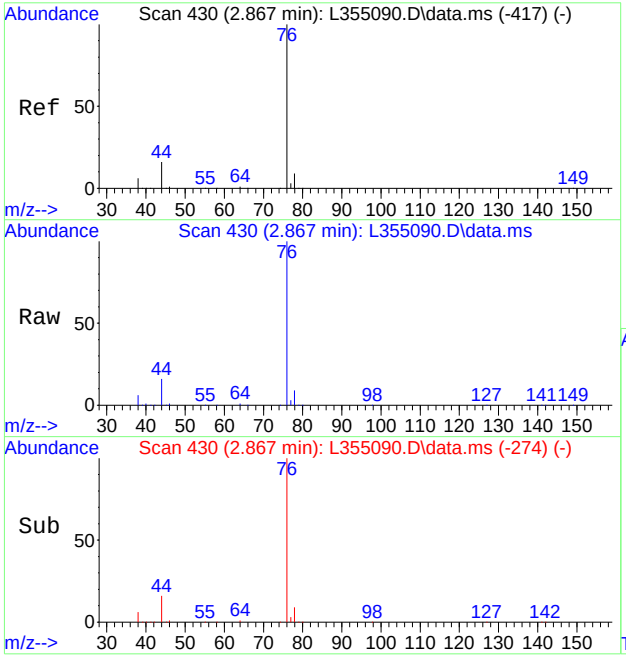


#21
iso-butyl alcohol
Concen: 500.00 ug/L
RT: 4.350 min Scan# 892
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 43 Resp: 104355

Ion	Ratio	Lower	Upper
43	100		
42	56.5	26.5	86.5
74	18.2	0.0	48.2

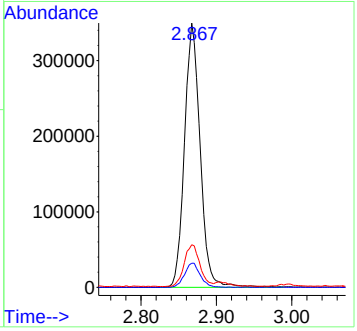


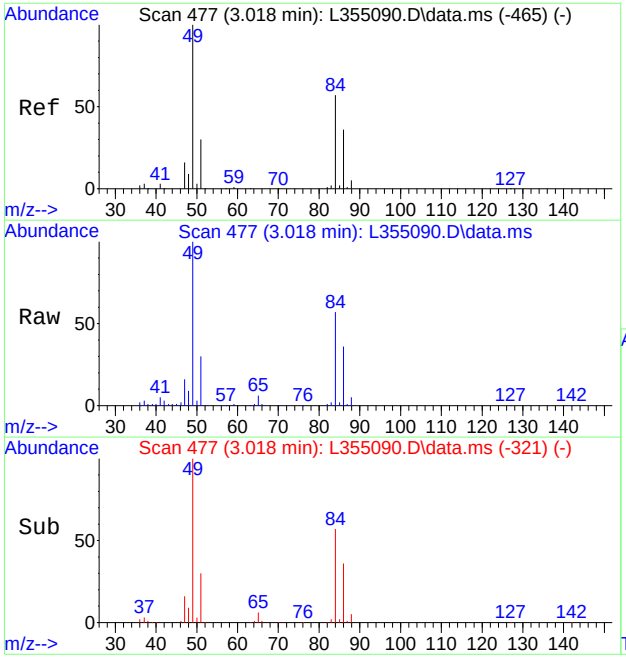


#22
carbon disulfide
Concen: 50.00 ug/L
RT: 2.867 min Scan# 430
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 76 Resp: 506492

Ion	Ratio	Lower	Upper
76	100		
78	9.1	0.0	39.1
44	15.8	0.0	45.8

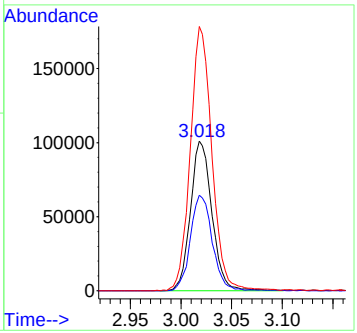


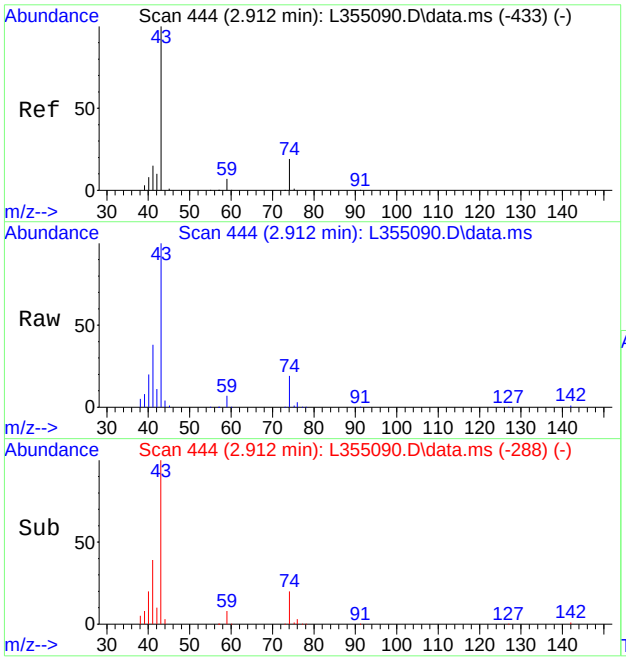


#23
methylene chloride
Concen: 50.00 ug/L
RT: 3.018 min Scan# 477
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 84 Resp: 149380

Ion	Ratio	Lower	Upper
84	100		
86	63.9	33.9	93.9
49	176.7	146.7	206.7

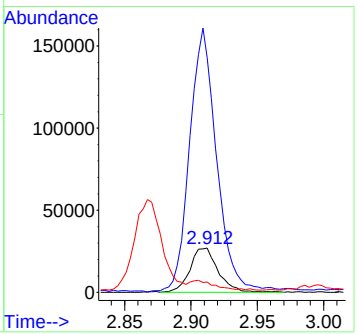


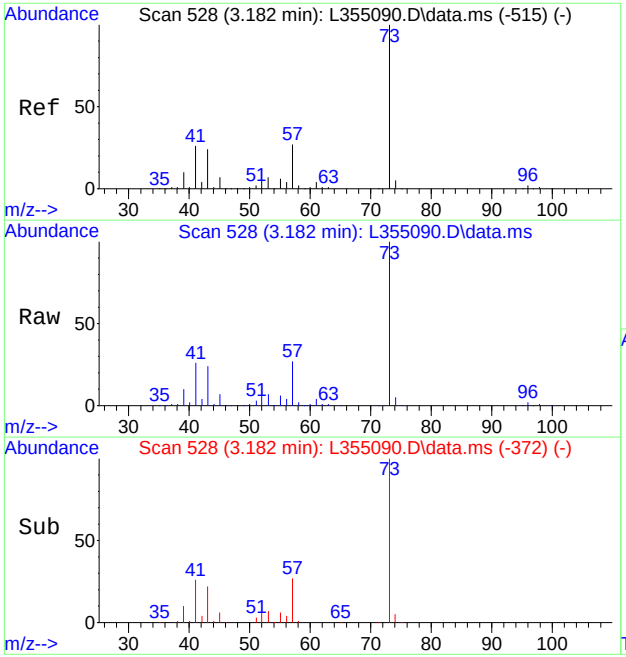


#24
methyl acetate
Concen: 50.00 ug/L
RT: 2.912 min Scan# 444
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 74 Resp: 40033

Ion	Ratio	Lower	Upper
74	100		
43	525.9	495.9	555.9
44	17.9	0.0	47.9

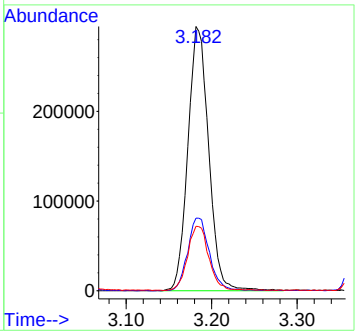


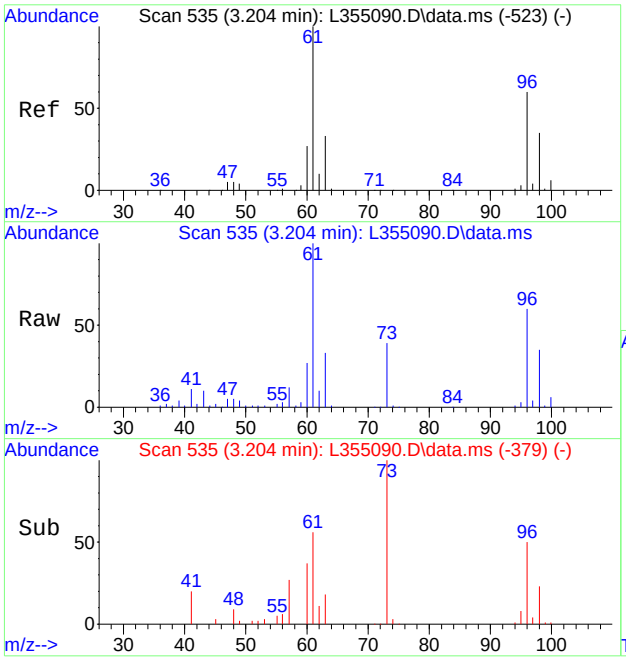


#25
methyl tert butyl ether
Concen: 50.00 ug/L
RT: 3.182 min Scan# 528
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 73 Resp: 497900

Ion	Ratio	Lower	Upper
73	100		
57	27.4	0.0	57.4
43	24.2	0.0	54.2

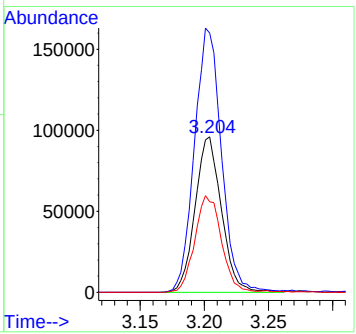


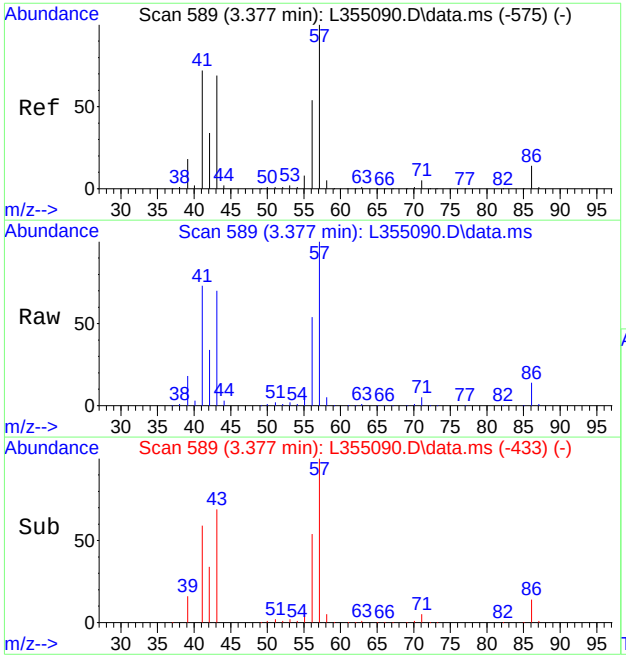


#26
trans-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 3.204 min Scan# 535
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 96 Resp: 137585

Ion	Ratio	Lower	Upper
96	100		
61	166.4	136.4	196.4
98	58.2	28.2	88.2

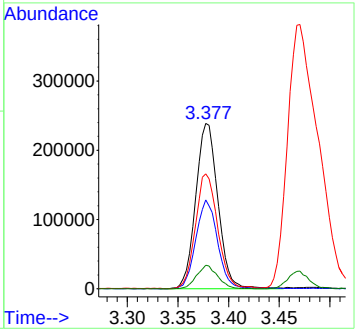


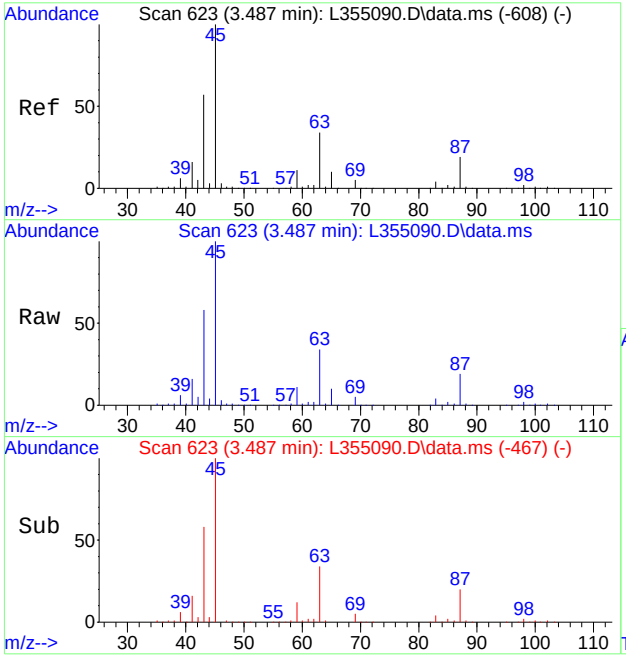


#27
hexane
Concen: 50.00 ug/L
RT: 3.377 min Scan# 589
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 57 Resp: 365773

Ion	Ratio	Lower	Upper
57	100		
56	53.8	33.8	73.8
43	69.1	49.1	89.1
86	14.3	0.0	34.3

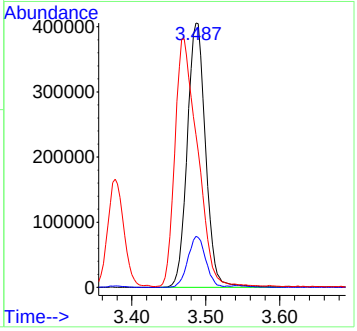


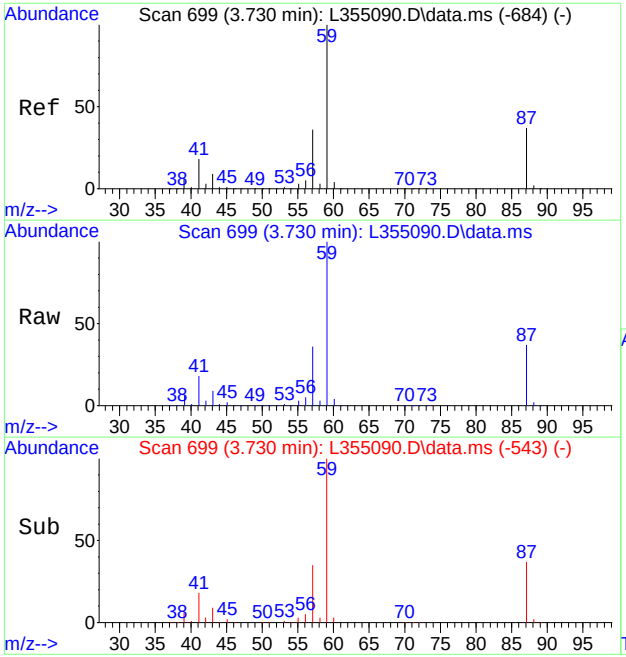


#28
di-isopropyl ether
Concen: 50.00 ug/L
RT: 3.487 min Scan# 623
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 45 Resp: 698693

Ion	Ratio	Lower	Upper
45	100		
87	19.3	0.0	49.3
43	57.4	27.4	87.4

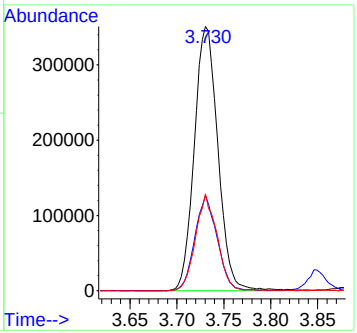


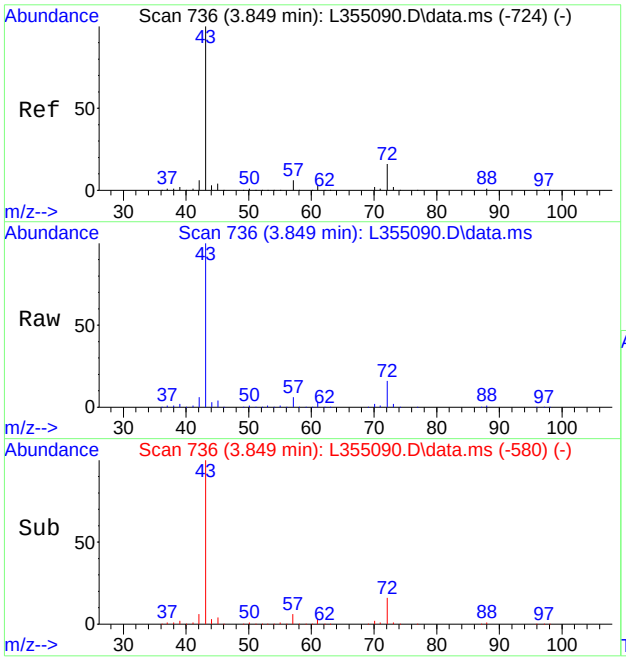


#29
ethyl tert-butyl ether
Concen: 50.00 ug/L
RT: 3.730 min Scan# 699
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 59 Resp: 614533

Ion	Ratio	Lower	Upper
59	100		
57	35.9	5.9	65.9
87	36.7	6.7	66.7

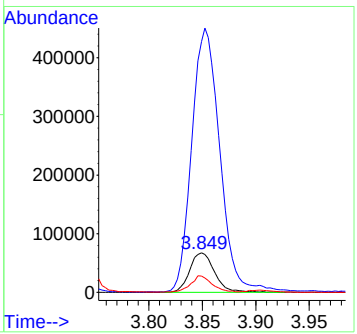


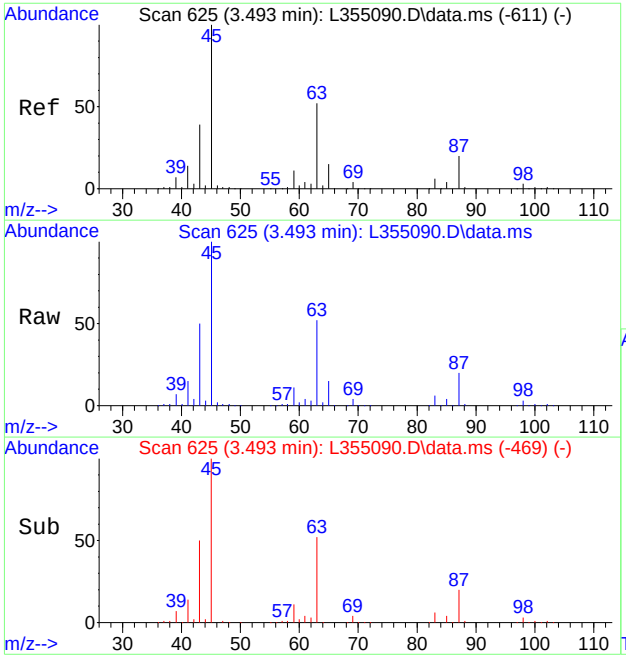


#30
2-butanone
Concen: 200.00 ug/L
RT: 3.849 min Scan# 736
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 72 Resp: 109697

Ion	Ratio	Lower	Upper
72	100		
43	634.7	604.7	664.7
57	40.0	10.0	70.0

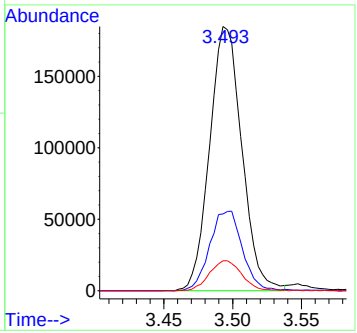


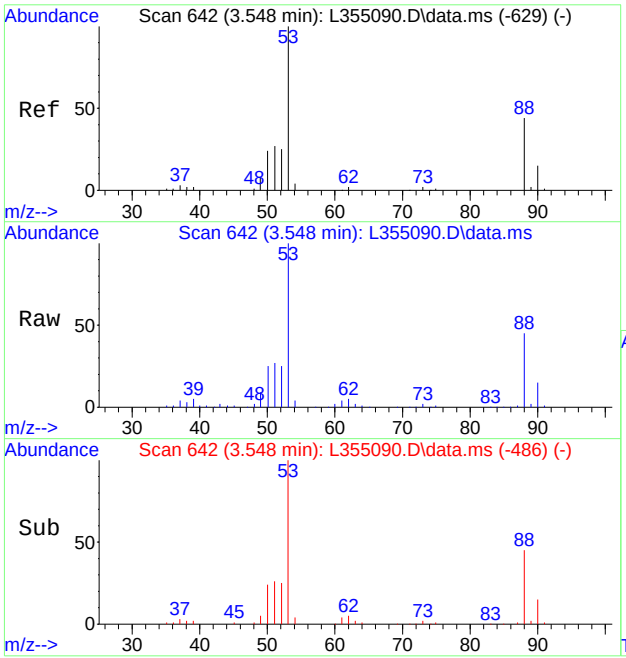


#31
1,1-dichloroethane
Concen: 50.00 ug/L
RT: 3.493 min Scan# 625
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 63 Resp: 301638

Ion	Ratio	Lower	Upper
63	100		
65	29.0	0.0	59.0
83	11.4	0.0	41.4

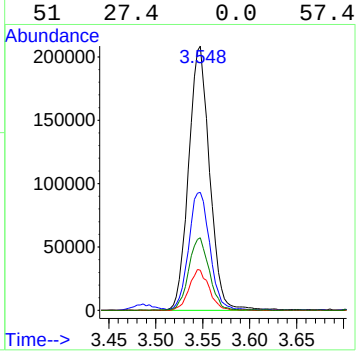


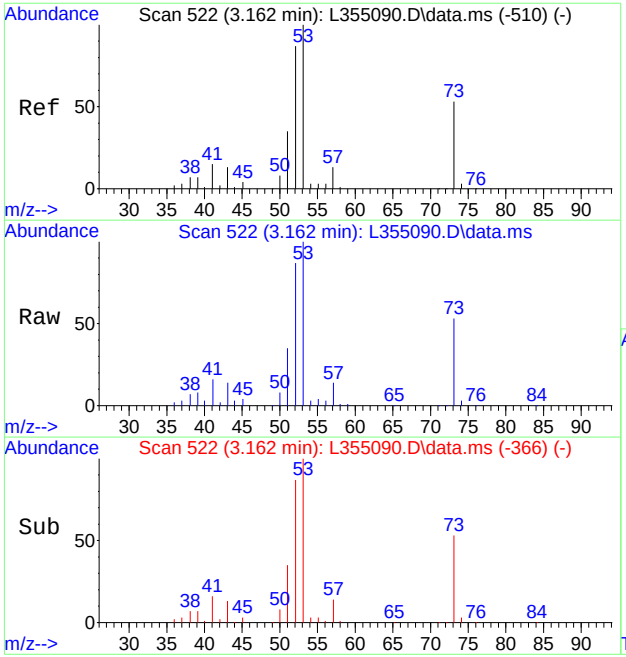


#32
chloroprene
Concen: 50.00 ug/L
RT: 3.548 min Scan# 642
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 53 Resp: 324981

Ion	Ratio	Lower	Upper
53	100		
88	44.5	14.5	74.5
90	15.2	0.0	45.2
51	27.4	0.0	57.4

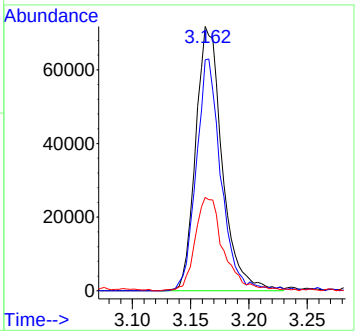


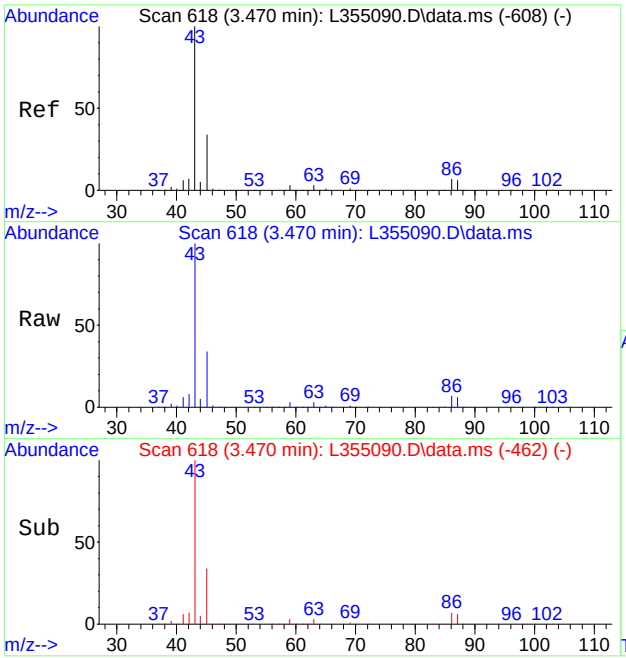


#33
acrylonitrile
Concen: 50.00 ug/L
RT: 3.162 min Scan# 522
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 53 Resp: 113754

Ion	Ratio	Lower	Upper
53	100		
52	87.3	57.3	117.3
51	35.3	5.3	65.3

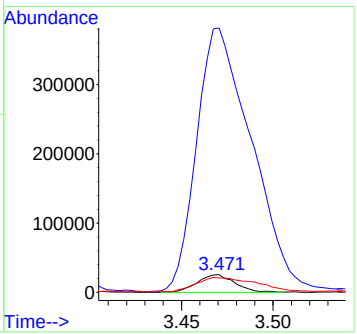


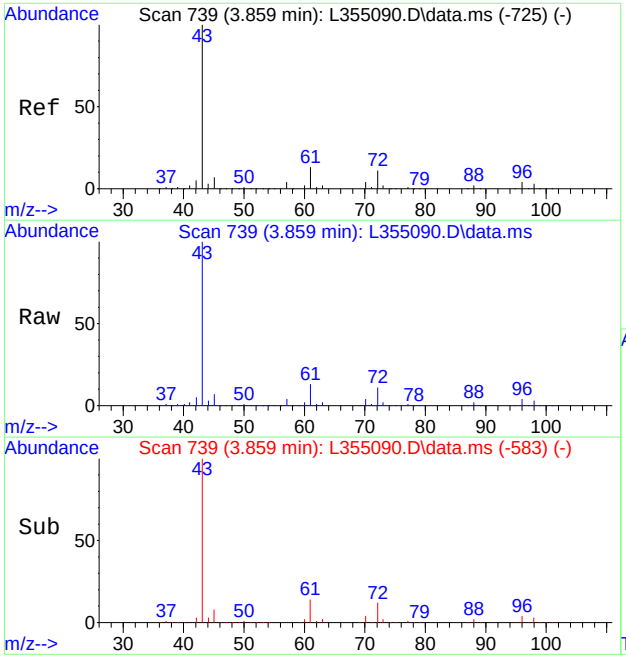


#34
vinyl acetate
Concen: 50.00 ug/L
RT: 3.470 min Scan# 618
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 86 Resp: 37129

Ion	Ratio	Lower	Upper
86	100		
43	1491.6	1461.6	1521.6
44	75.2	45.2	105.2

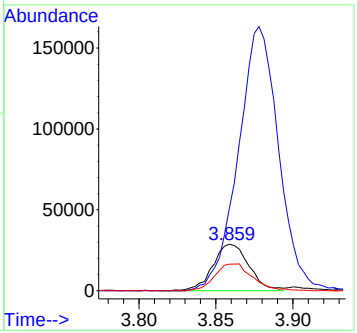


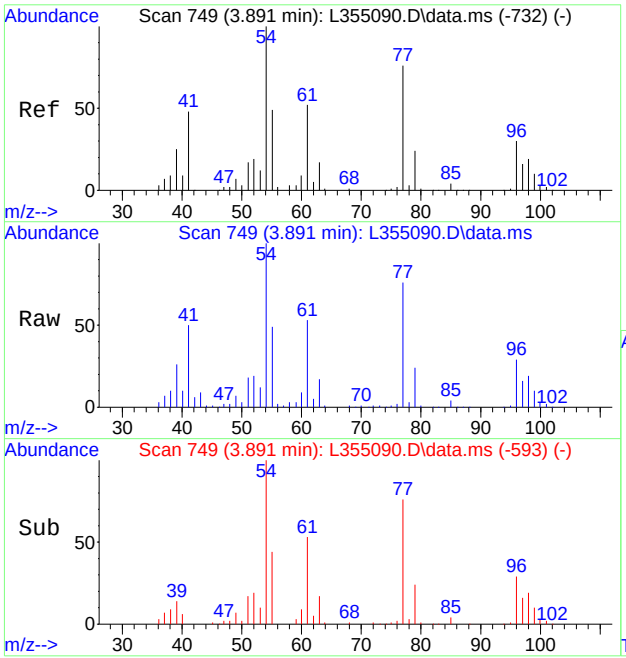


#35
ethyl acetate
Concen: 50.00 ug/L
RT: 3.859 min Scan# 739
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 45 Resp: 47317

Ion	Ratio	Lower	Upper
45	100		
61	176.7	146.7	206.7
70	57.4	27.4	87.4

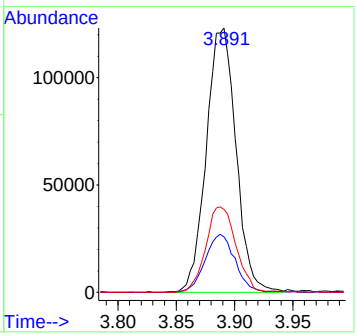


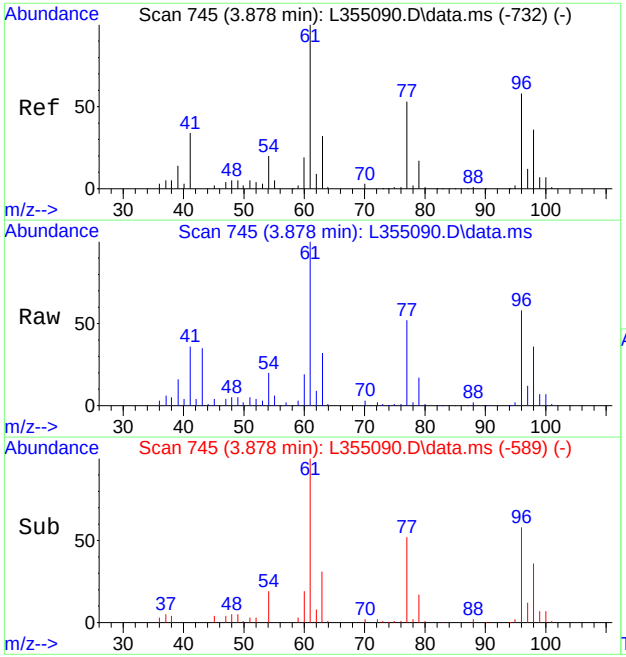


#36
2,2-dichloropropane
Concen: 50.00 ug/L
RT: 3.891 min Scan# 749
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 77 Resp: 218717

Ion	Ratio	Lower	Upper
77	100		
97	21.0	0.0	51.0
79	31.4	1.4	61.4

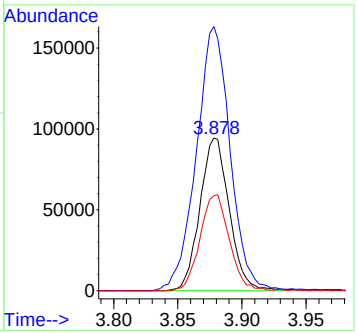


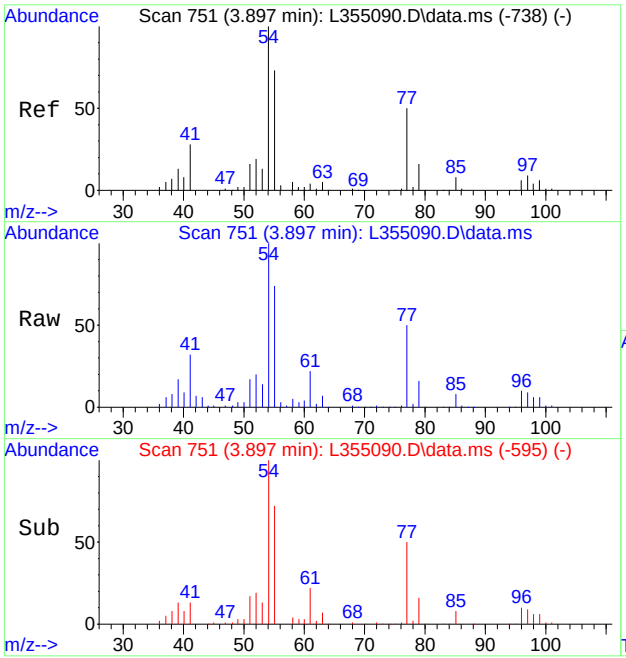


#37
cis-1,2-dichloroethene
Concen: 50.00 ug/L
RT: 3.878 min Scan# 745
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 96 Resp: 150851

Ion	Ratio	Lower	Upper
96	100		
61	171.8	141.8	201.8
98	62.2	32.2	92.2

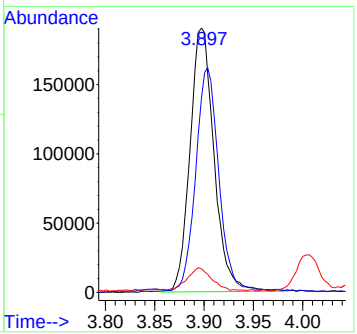


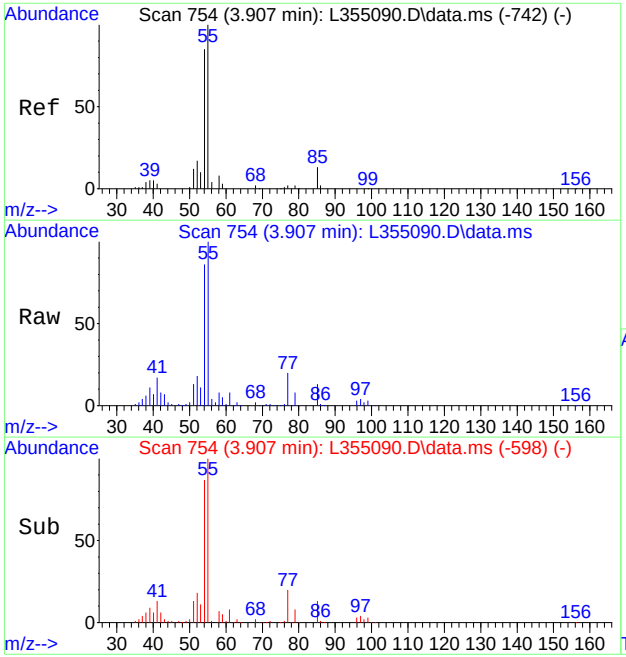


#38
propionitrile
Concen: 500.00 ug/L
RT: 3.897 min Scan# 751
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 54 Resp: 323927

Ion	Ratio	Lower	Upper
54	100		
55	73.2	43.2	103.2
40	8.0	0.0	38.0

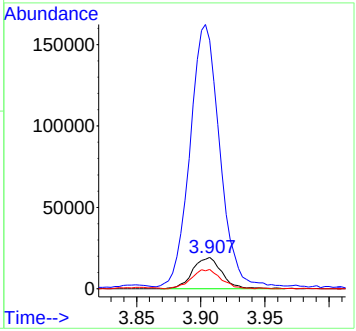


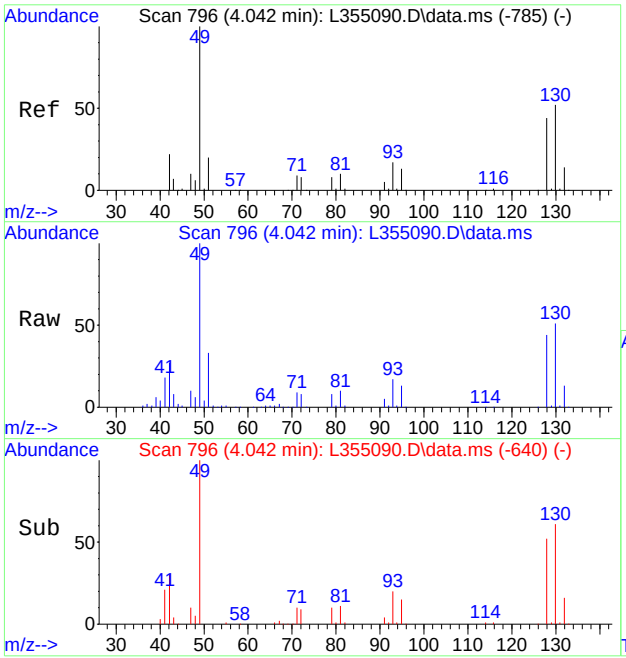


#39
methyl acrylate
Concen: 50.00 ug/L
RT: 3.907 min Scan# 754
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 85 Resp: 30628

Ion	Ratio	Lower	Upper
85	100		
55	782.7	762.7	802.7
58	60.5	40.5	80.5

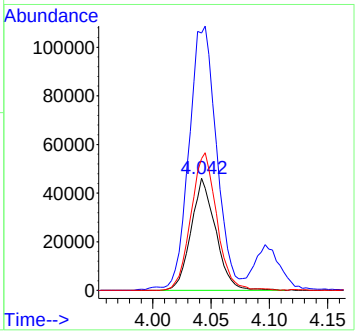


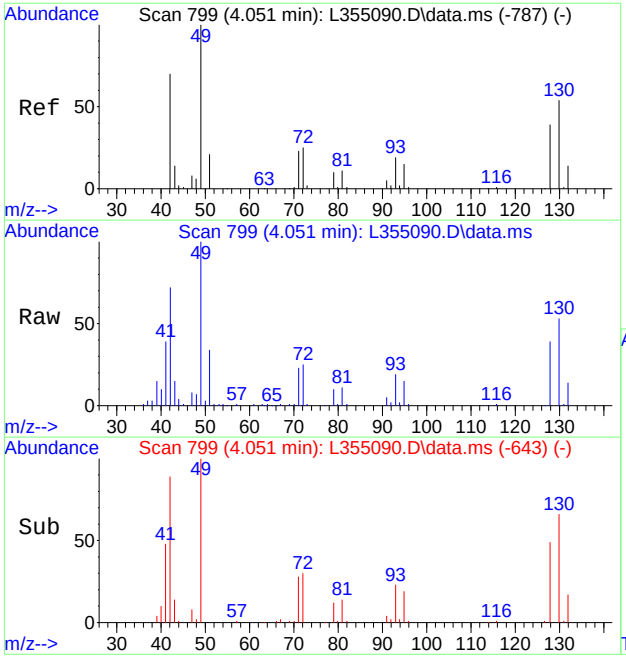


#40
bromochloromethane
Concen: 50.00 ug/L
RT: 4.042 min Scan# 796
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:128 Resp: 67758

Ion	Ratio	Lower	Upper
128	100		
49	226.9	196.9	256.9
130	117.7	87.7	147.7

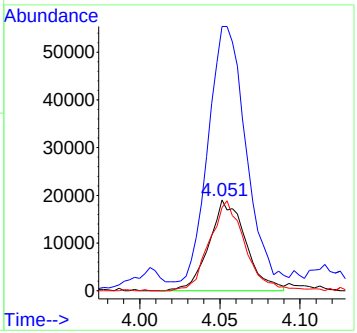


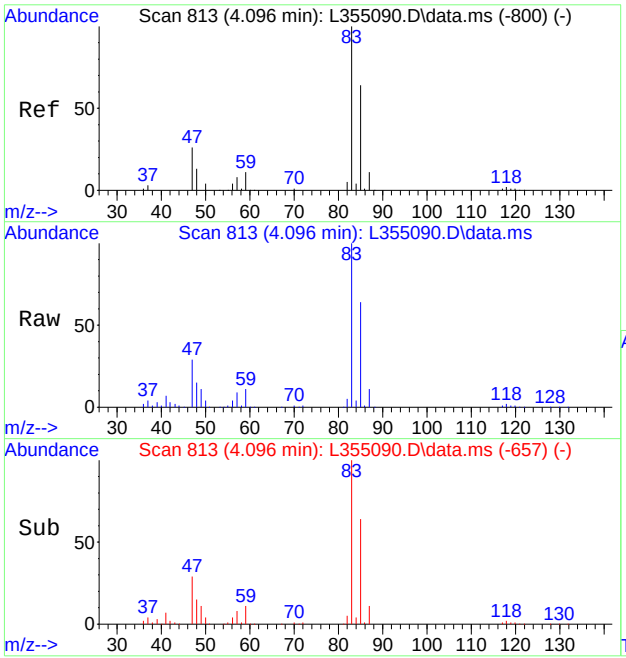


#41
tetrahydrofuran
Concen: 50.00 ug/L
RT: 4.051 min Scan# 799
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 72 Resp: 30402

Ion	Ratio	Lower	Upper
72	100		
42	276.3	246.3	306.3
71	91.6	61.6	121.6

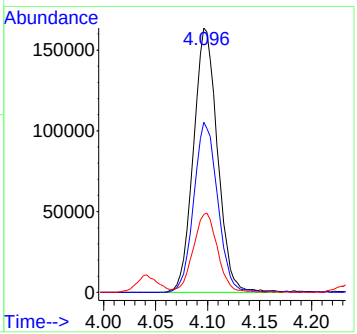


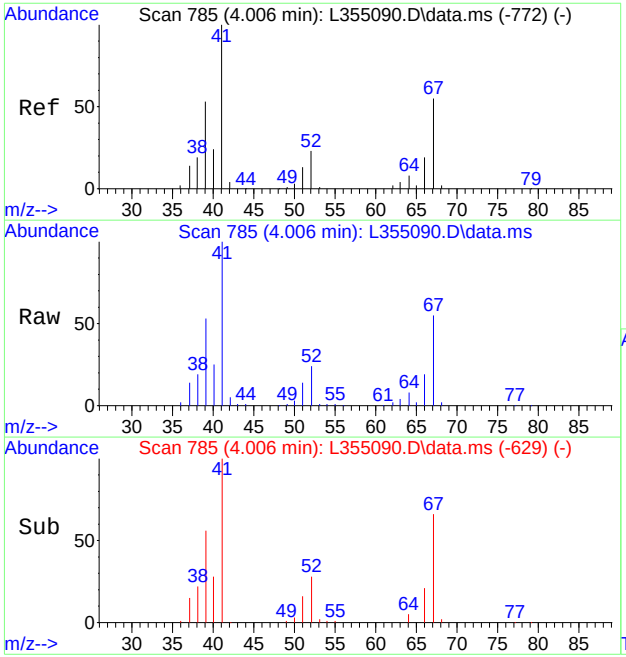


#42
chloroform
Concen: 50.00 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 83 Resp: 264036

Ion	Ratio	Lower	Upper
83	100		
85	64.3	34.3	94.3
47	29.3	0.0	59.3

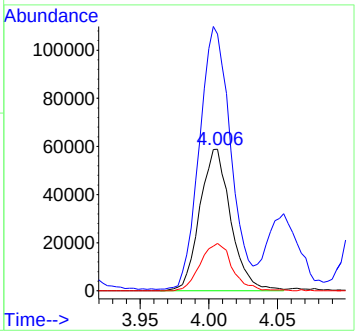


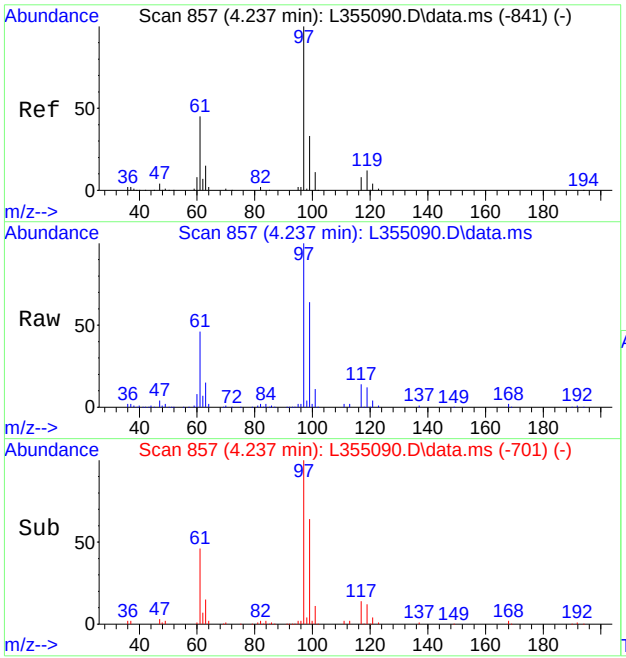


#44
methacrylonitrile
Concen: 50.00 ug/L
RT: 4.006 min Scan# 785
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 67 Resp: 92452

Ion	Ratio	Lower	Upper
67	100		
41	180.2	150.2	210.2
66	33.6	3.6	63.6

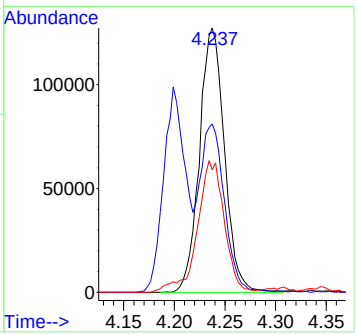


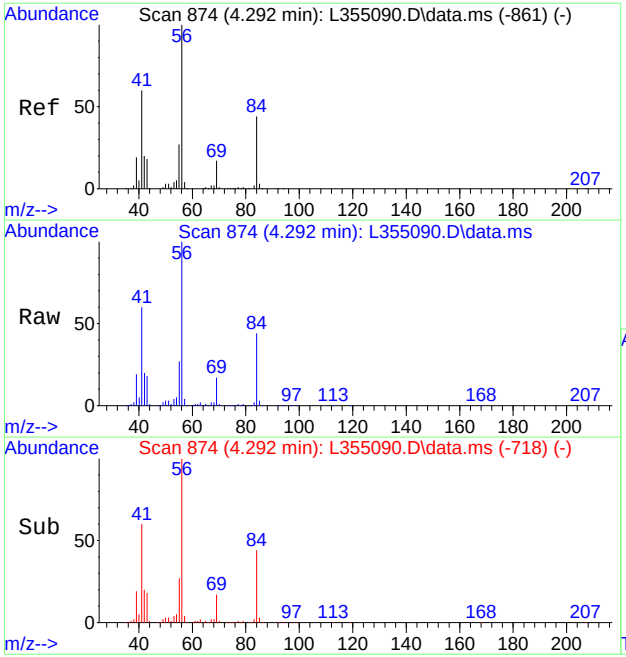


#45
1,1,1-trichloroethane
Concen: 50.00 ug/L
RT: 4.237 min Scan# 857
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 97 Resp: 218804

Ion	Ratio	Lower	Upper
97	100		
99	63.3	33.3	93.3
61	44.9	14.9	74.9

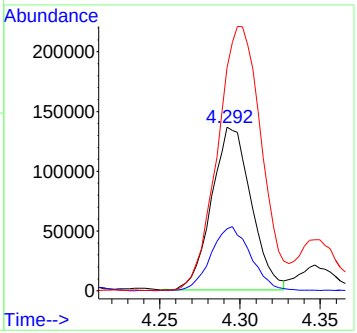


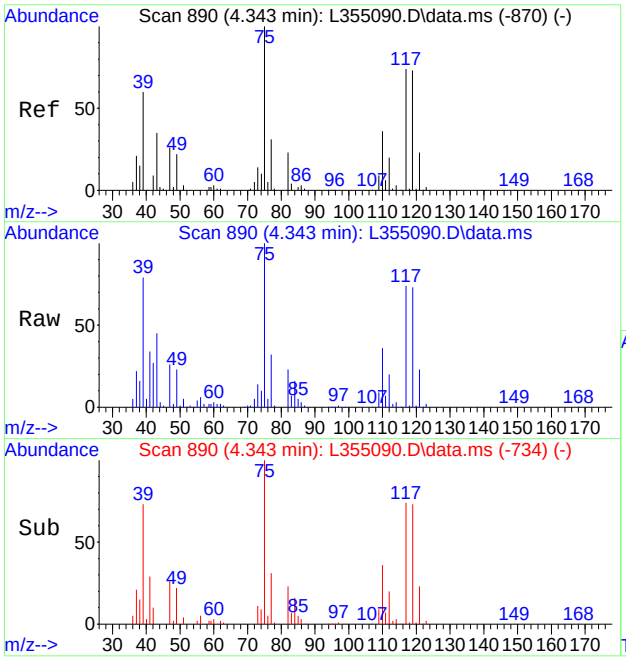


#46
cyclohexane
Concen: 50.00 ug/L
RT: 4.292 min Scan# 874
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 84 Resp: 233461

Ion	Ratio	Lower	Upper
84	100		
69	37.8	17.8	57.8
41	136.7	116.7	156.7

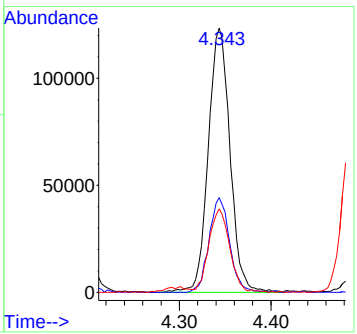


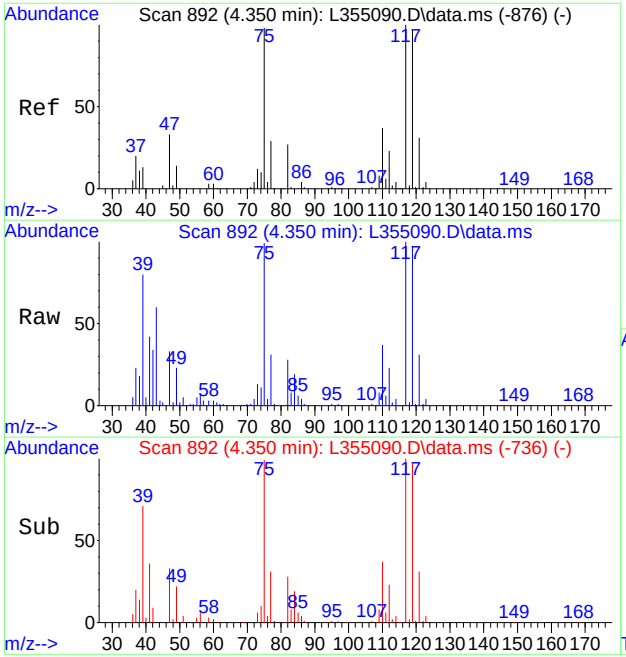


#47
1,1-dichloropropene
Concen: 50.00 ug/L
RT: 4.343 min Scan# 890
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 75 Resp: 204629

Ion	Ratio	Lower	Upper
75	100		
110	35.8	15.8	55.8
77	31.6	11.6	51.6

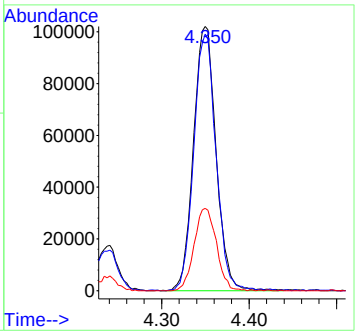


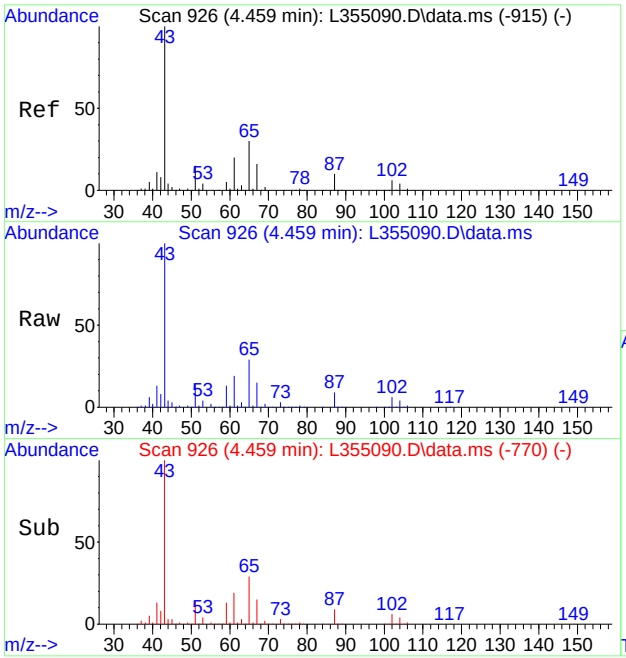


#48
carbon tetrachloride
Concen: 50.00 ug/L
RT: 4.350 min Scan# 892
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:117 Resp: 183786

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.1	117.1
121	31.1	11.1	51.1

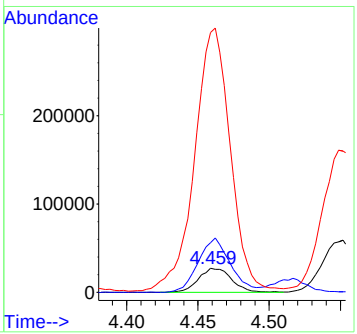


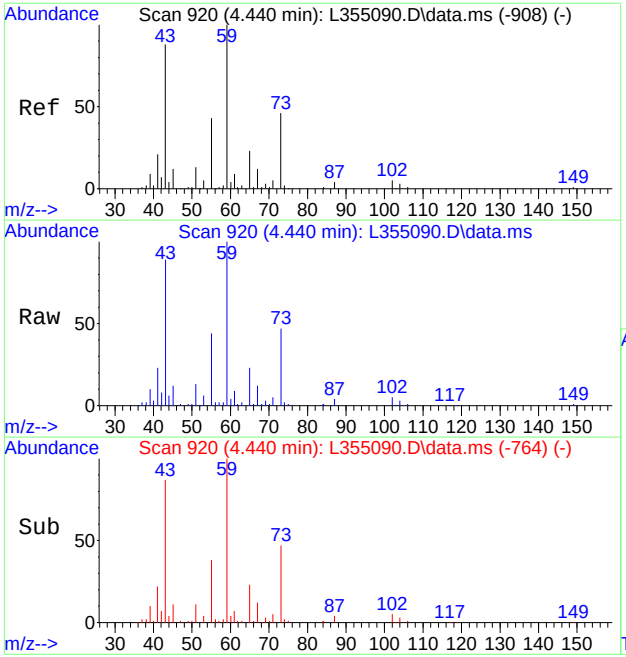


#49
isopropyl acetate
Concen: 50.00 ug/L
RT: 4.459 min Scan# 926
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 87 Resp: 44458

Ion	Ratio	Lower	Upper
87	100		
61	205.6	185.6	225.6
43	1059.1	1029.1	1089.1

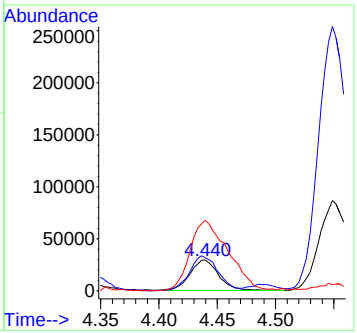


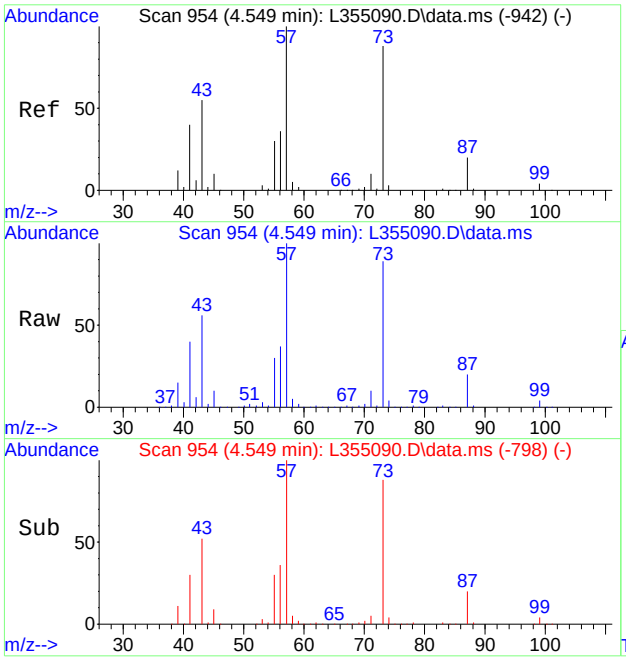


#50
tert amyl alcohol
Concen: 250.00 ug/L
RT: 4.440 min Scan# 920
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 55 Resp: 50622

Ion	Ratio	Lower	Upper
55	100		
73	107.0	87.0	127.0
59	231.2	211.2	251.2

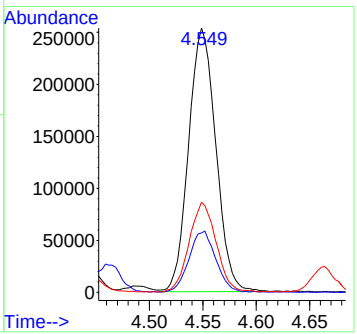


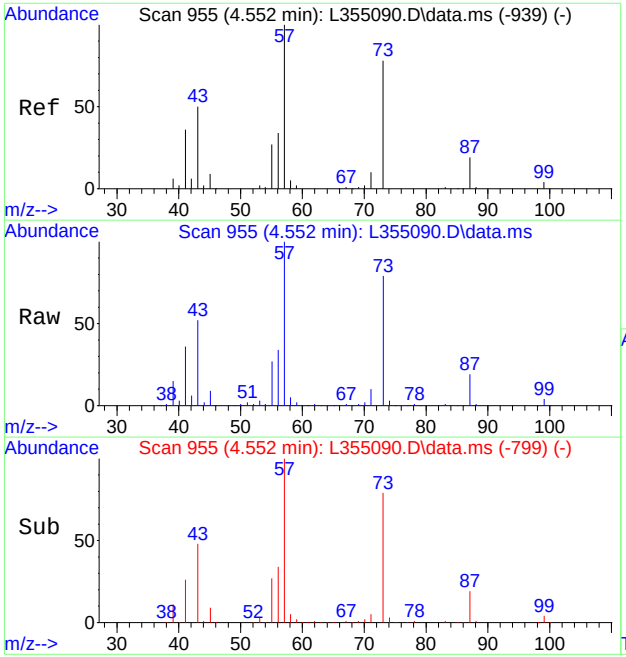


#53
tert-amyl methyl ether
Concen: 50.00 ug/L
RT: 4.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 73 Resp: 449321

Ion	Ratio	Lower	Upper
73	100		
87	22.5	2.5	42.5
55	34.1	14.1	54.1

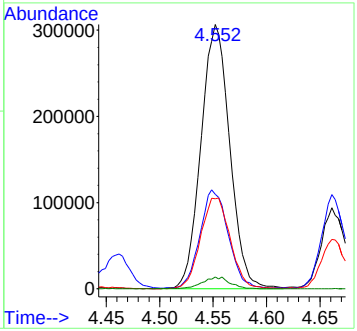


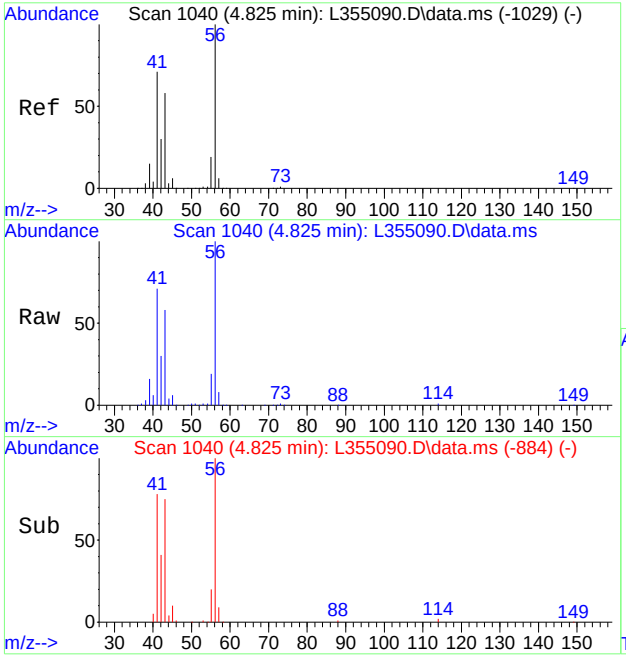


#54
2,2,4-trimethylpentane
Concen: 50.00 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 57 Resp: 575861

Ion	Ratio	Lower	Upper
57	100		
41	35.5	15.5	55.5
56	34.0	14.0	54.0
99	4.5	0.0	24.5

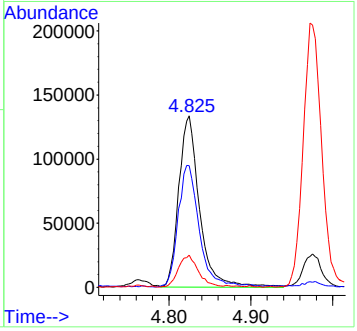


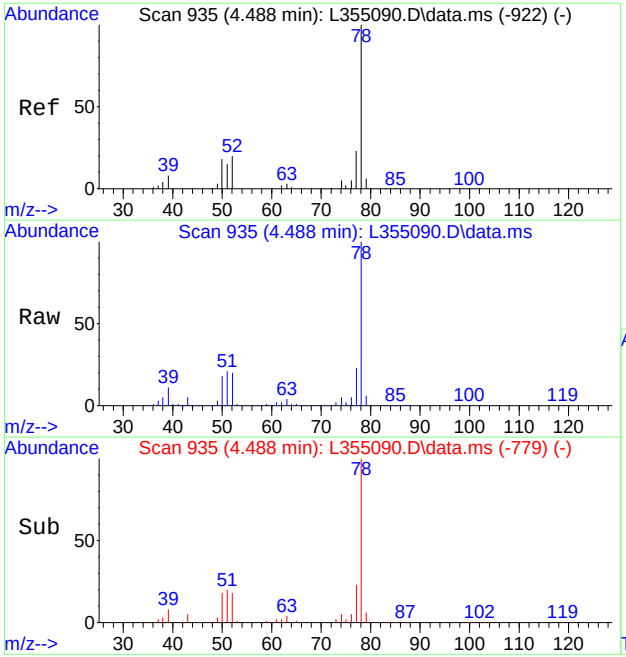


#55
n-butyl alcohol
Concen: 2500.00 ug/L
RT: 4.825 min Scan# 1040
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 56 Resp: 235754

Ion	Ratio	Lower	Upper
56	100		
41	70.6	40.6	100.6
55	18.8	0.0	48.8

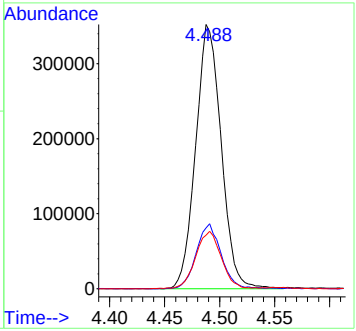


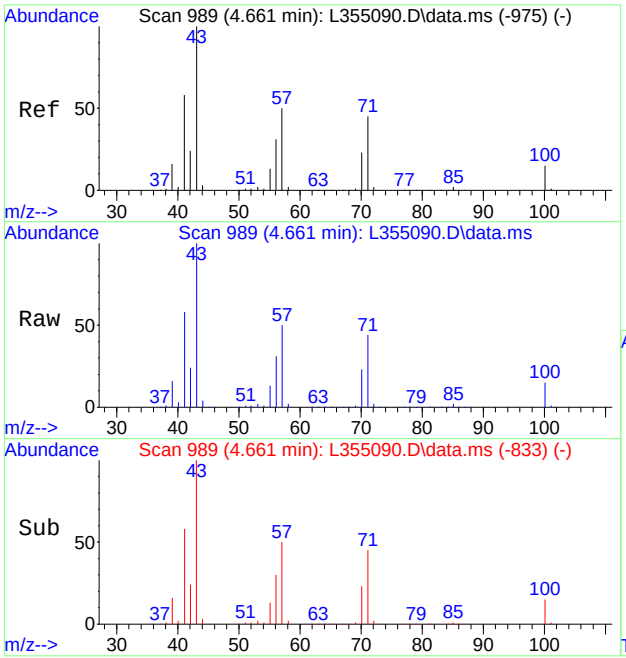


#56
benzene
Concen: 50.00 ug/L
RT: 4.488 min Scan# 935
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 78 Resp: 569311

Ion	Ratio	Lower	Upper
78	100		
77	23.0	0.0	53.0
52	20.0	0.0	50.0

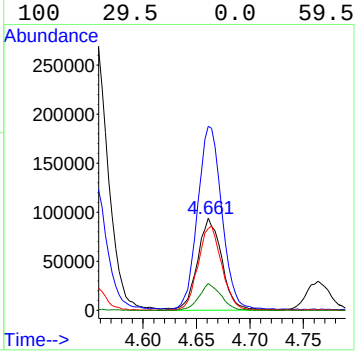


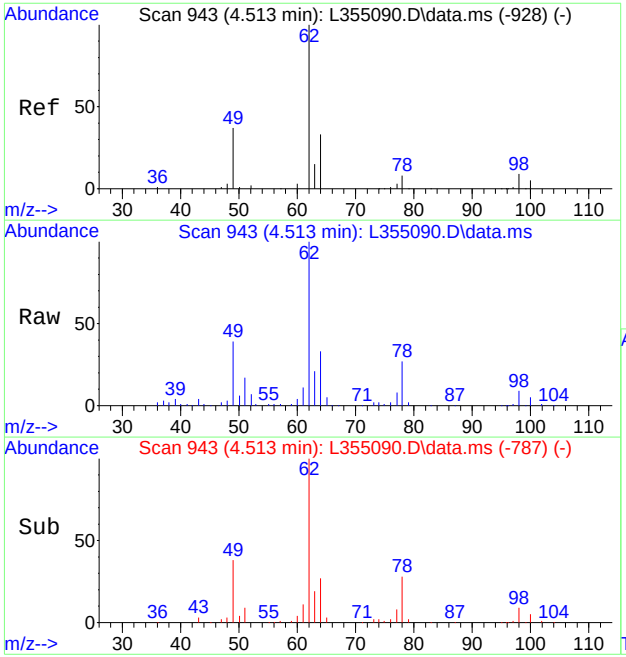


#57
heptane
Concen: 50.00 ug/L
RT: 4.661 min Scan# 989
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 57 Resp: 149678

Ion	Ratio	Lower	Upper
57	100		
43	200.1	170.1	230.1
71	89.7	59.7	119.7
100	29.5	0.0	59.5

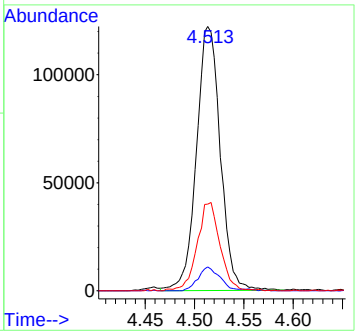


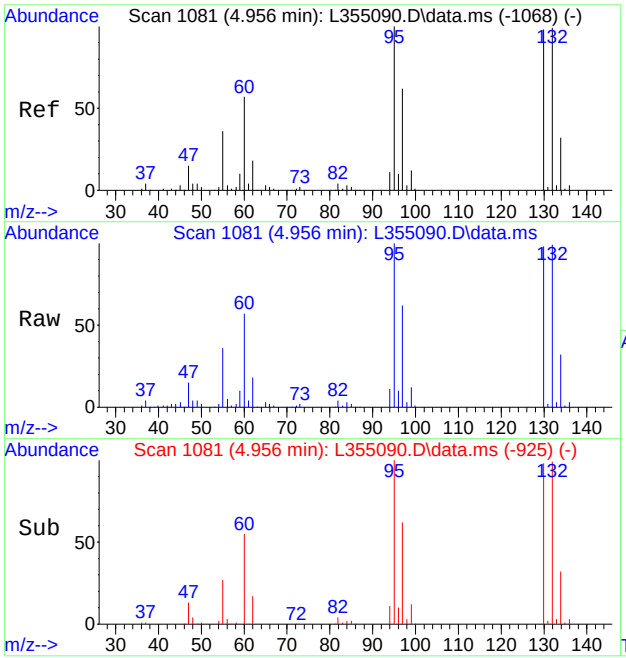


#58
1,2-dichloroethane
Concen: 50.00 ug/L
RT: 4.513 min Scan# 943
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 62 Resp: 205708

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	39.1
64	32.9	2.9	62.9

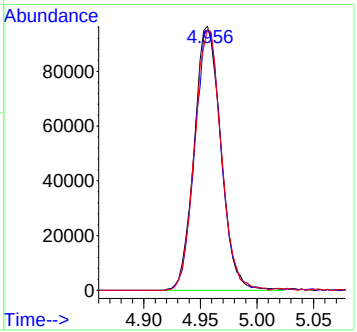


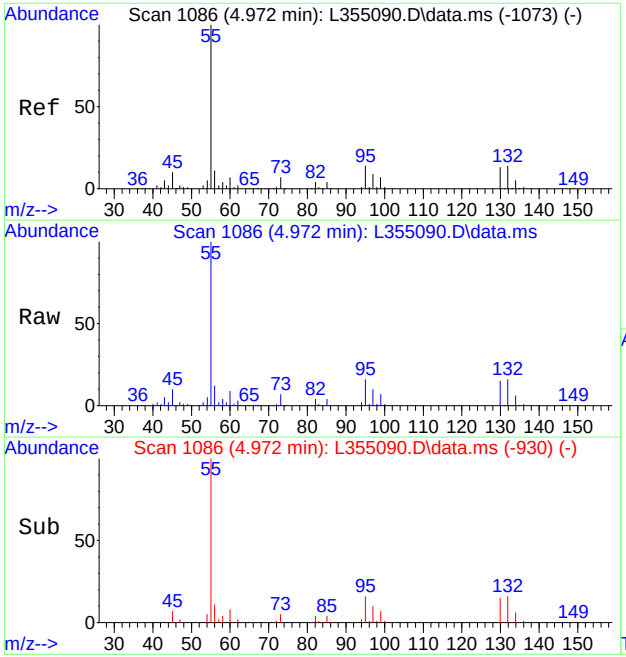


#59
trichloroethene
Concen: 50.00 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 95 Resp: 158493

Ion	Ratio	Lower	Upper
95	100		
130	98.4	68.4	128.4
132	98.7	68.7	128.7

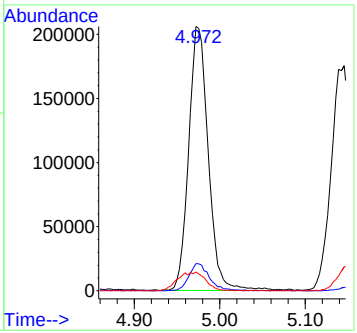


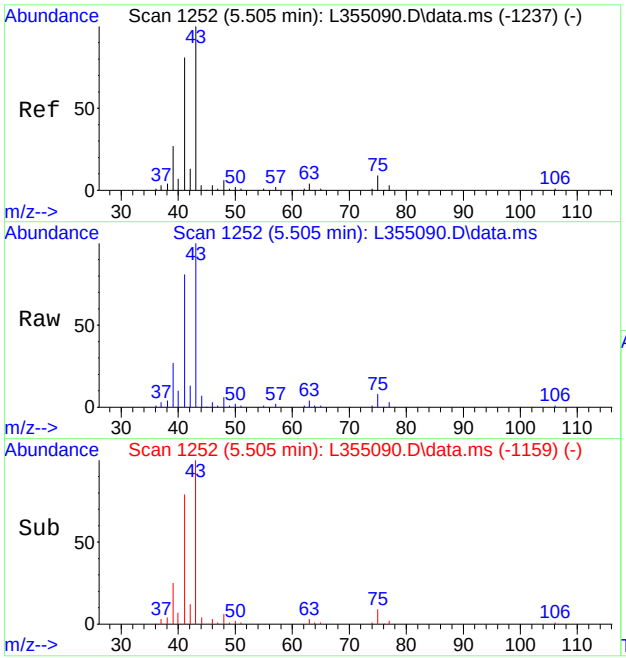


#60
ethyl acrylate
Concen: 50.00 ug/L
RT: 4.972 min Scan# 1086
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 55 Resp: 327694

Ion	Ratio	Lower	Upper
55	100		
45	10.3	0.0	30.3
99	7.2	0.0	27.2

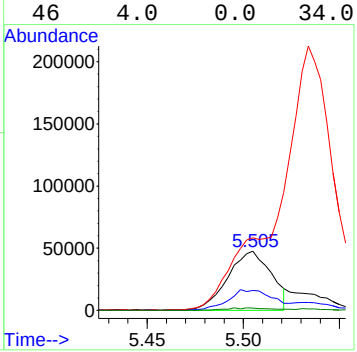


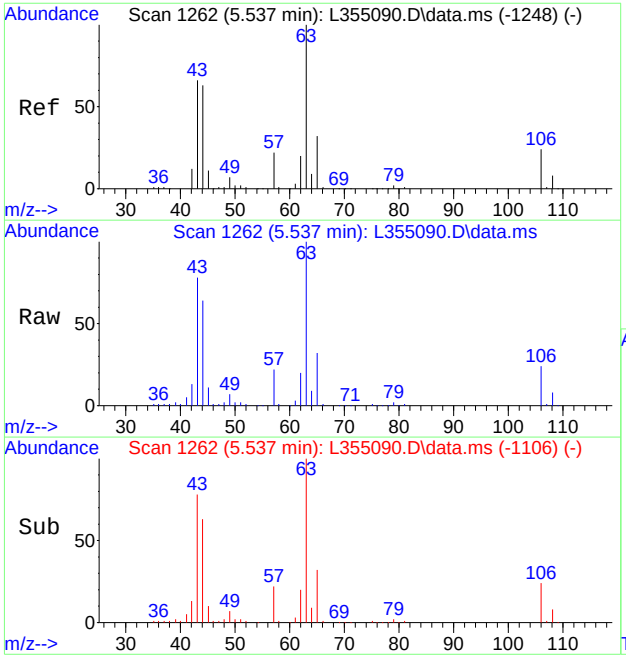


#61
2-nitropropane
Concen: 50.00 ug/L
RT: 5.505 min Scan# 1252
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 41 Resp: 75675

Ion	Ratio	Lower	Upper
41	100		
39	33.7	3.7	63.7
43	122.8	92.8	152.8
46	4.0	0.0	34.0

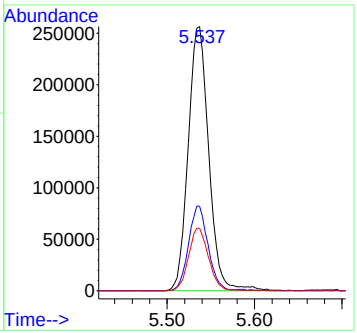


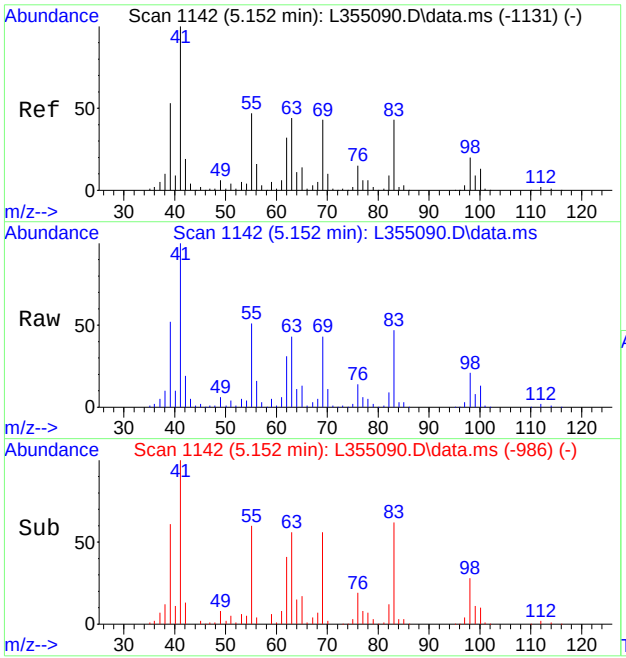


#62
2-chloroethyl vinyl ether
Concen: 250.00 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 63 Resp: 420241

Ion	Ratio	Lower	Upper
63	100		
65	32.0	2.0	62.0
106	23.7	0.0	53.7

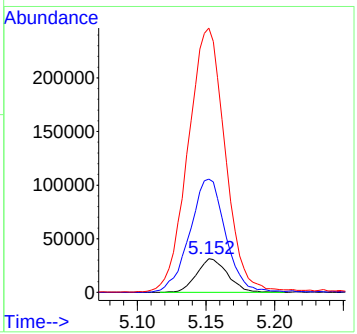


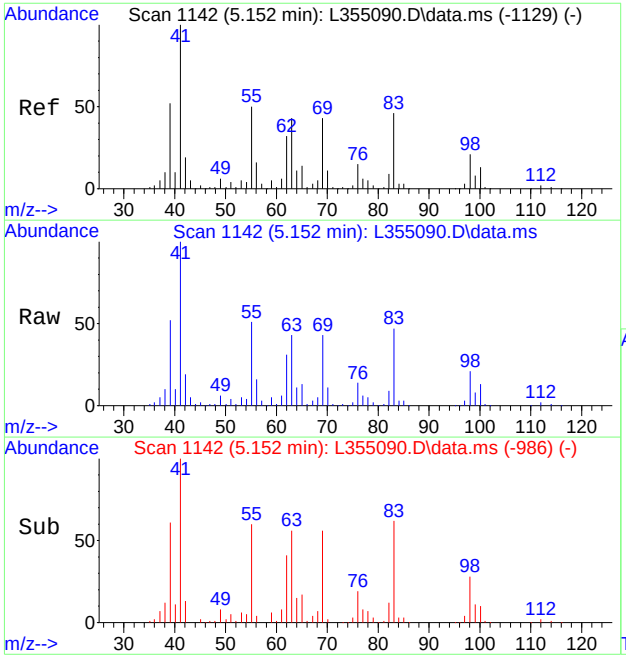


#63
methyl methacrylate
Concen: 50.00 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:100 Resp: 49334

Ion	Ratio	Lower	Upper
100	100		
69	333.9	303.9	363.9
41	778.3	748.3	808.3

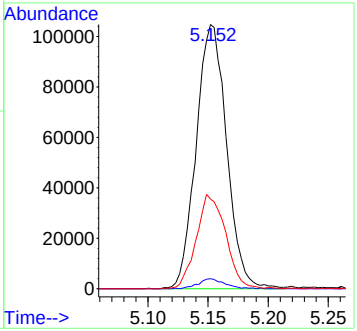


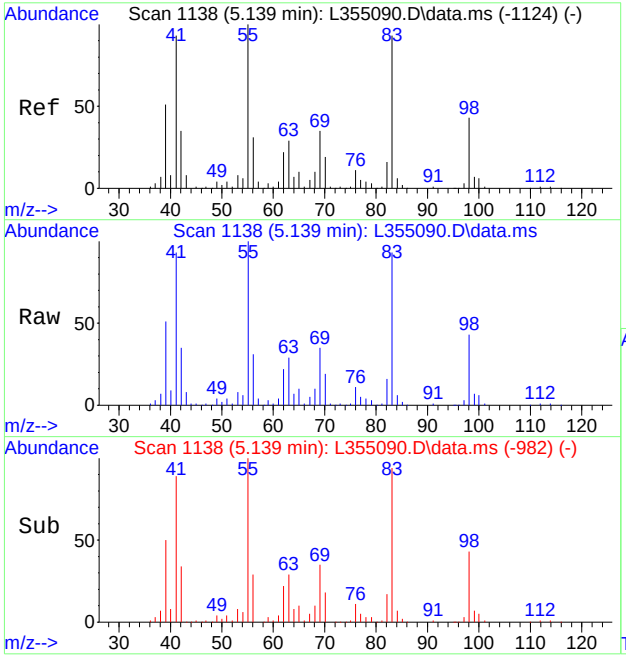


#64
1,2-dichloropropane
Concen: 50.00 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 63 Resp: 185005

Ion	Ratio	Lower	Upper
63	100		
112	3.9	0.0	33.9
76	33.9	3.9	63.9

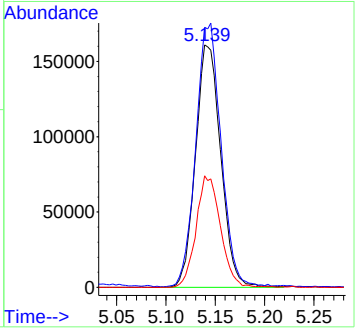


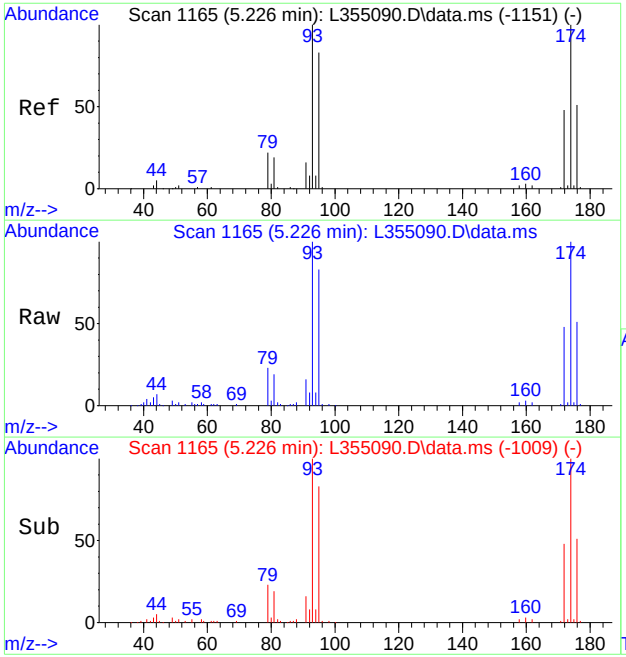


#65
methylcyclohexane
Concen: 50.00 ug/L
RT: 5.139 min Scan# 1138
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 83 Resp: 287337

Ion	Ratio	Lower	Upper
83	100		
55	107.0	77.0	137.0
98	46.0	16.0	76.0

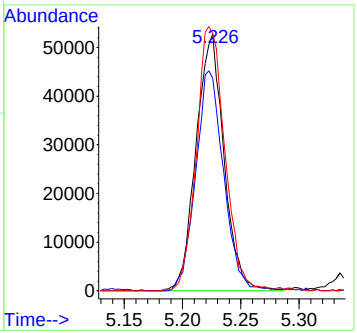


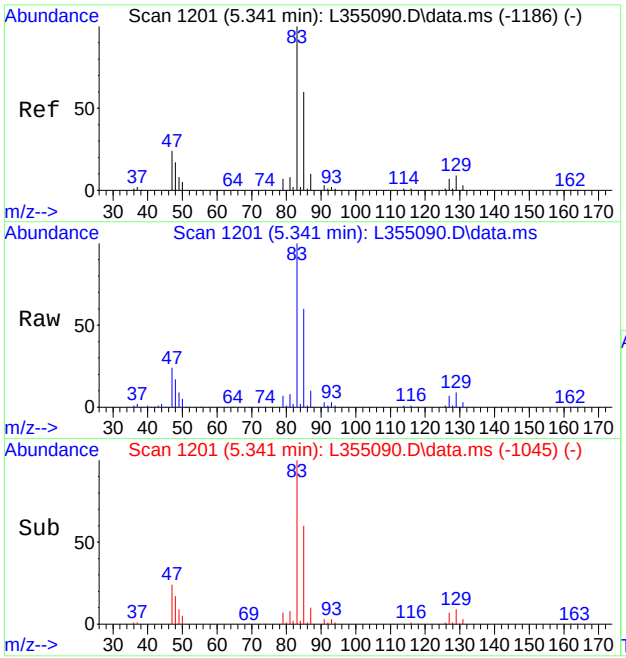


#66
dibromomethane
Concen: 50.00 ug/L
RT: 5.226 min Scan# 1165
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 93 Resp: 87766

Ion	Ratio	Lower	Upper
93	100		
95	82.7	52.7	112.7
174	100.1	70.1	130.1

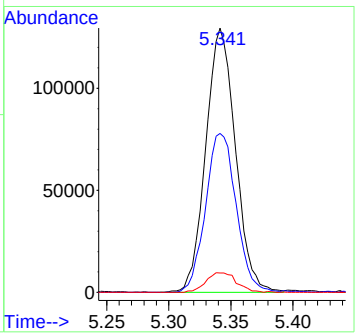


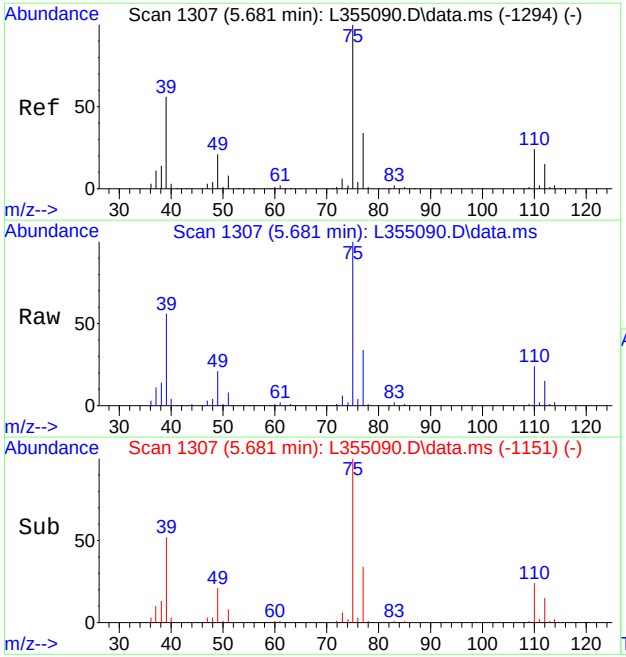


#67
bromodichloromethane
Concen: 50.00 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 83 Resp: 215788

Ion	Ratio	Lower	Upper
83	100		
85	60.1	30.1	90.1
127	7.3	0.0	37.3

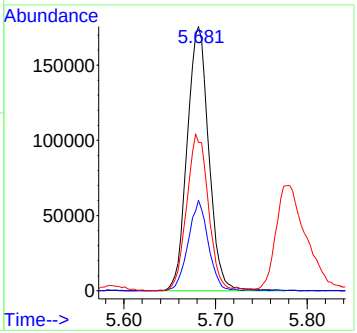


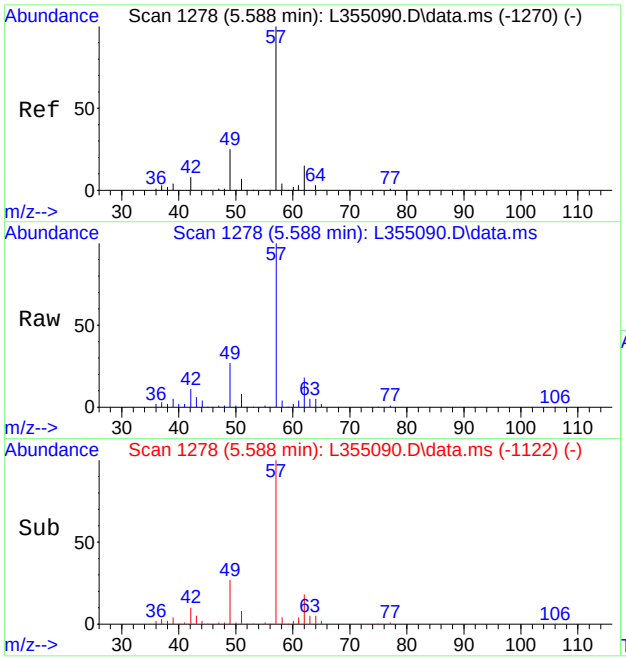


#68
cis-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 75 Resp: 288049

Ion	Ratio	Lower	Upper
75	100		
77	34.0	4.0	64.0
39	55.8	25.8	85.8

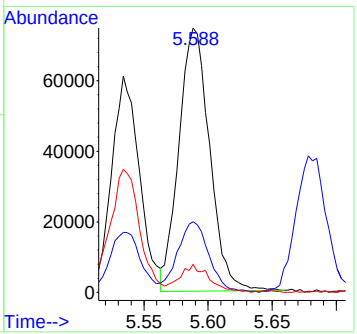


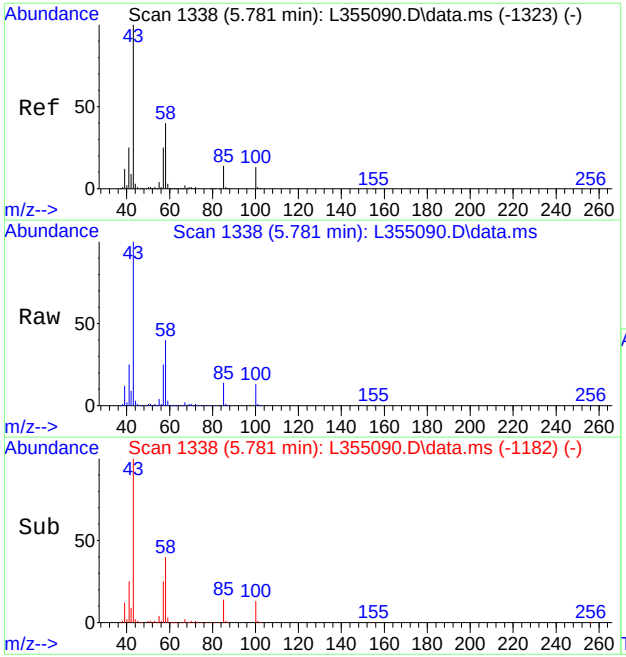


#69
epichlorohydrin
Concen: 250.00 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 57 Resp: 124932

Ion	Ratio	Lower	Upper
57	100		
49	23.3	3.3	43.3
42	10.7	0.0	30.7

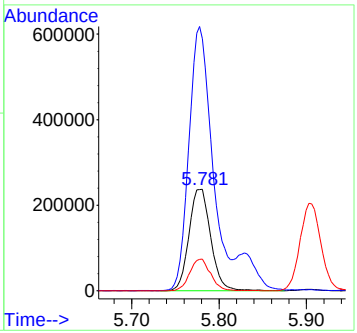


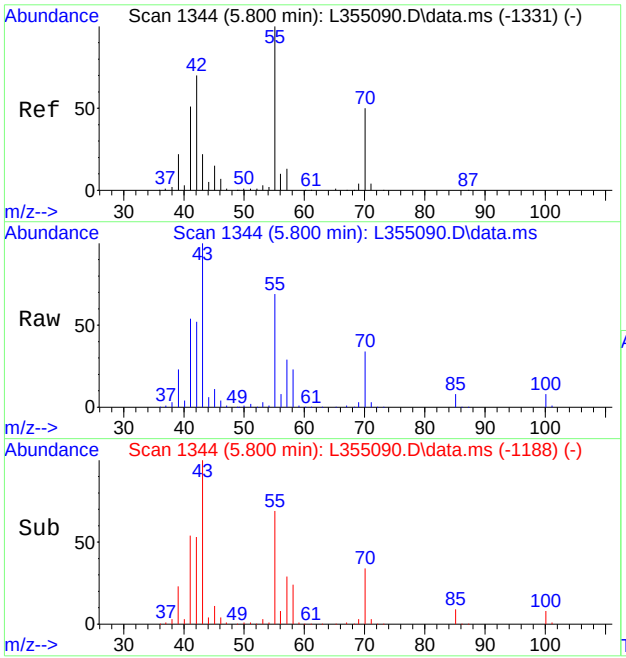


#70
4-methyl-2-pentanone
Concen: 200.00 ug/L
RT: 5.781 min Scan# 1338
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 58 Resp: 412363

Ion	Ratio	Lower	Upper
58	100		
43	247.9	227.9	267.9
100	31.2	11.2	51.2

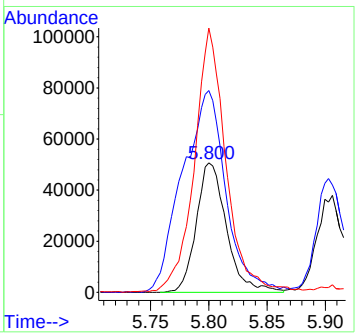


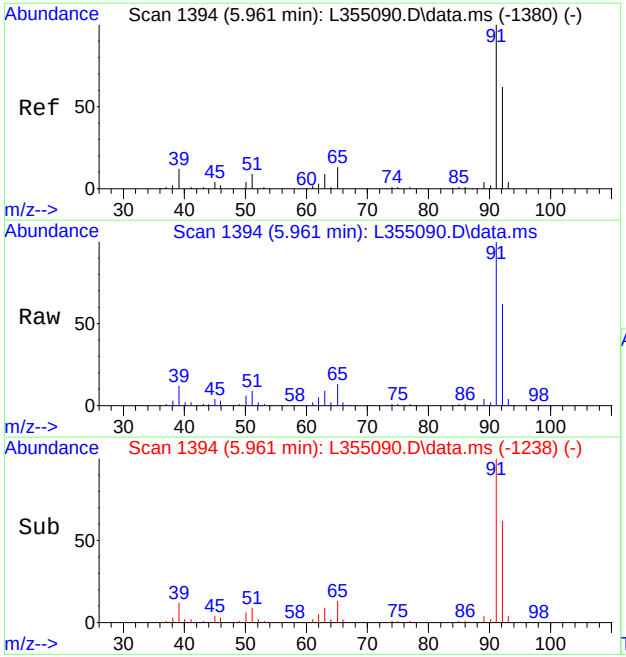


#71
3-methyl-1-butanol
Concen: 1000.00 ug/L
RT: 5.800 min Scan# 1344
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 70 Resp: 91322

Ion	Ratio	Lower	Upper
70	100		
42	151.6	131.6	171.6
55	200.2	180.2	220.2

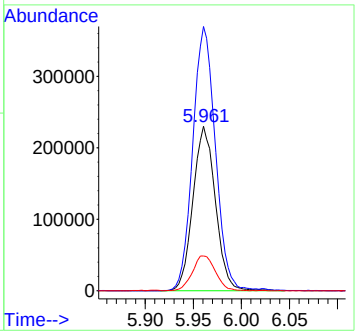


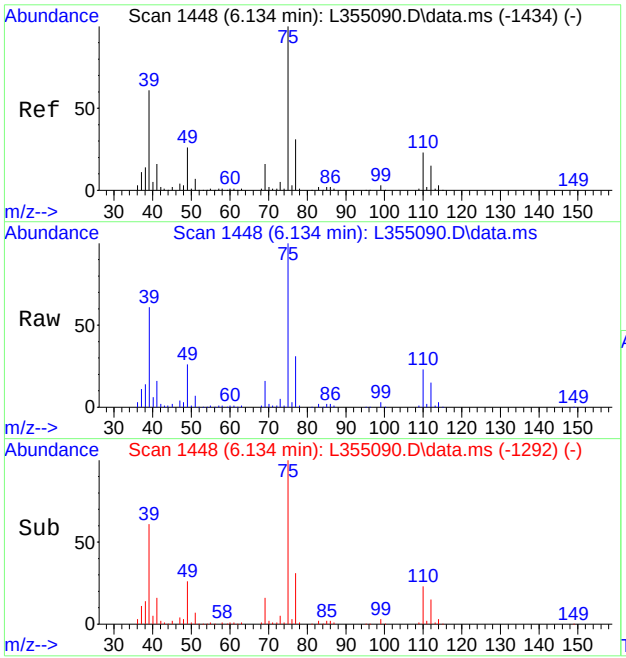


#74
toluene
Concen: 50.00 ug/L
RT: 5.961 min Scan# 1394
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 92 Resp: 374663

Ion	Ratio	Lower	Upper
92	100		
91	160.7	130.7	190.7
65	21.2	0.0	51.2

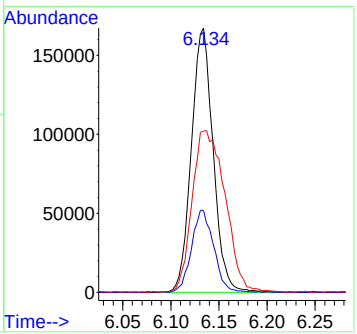


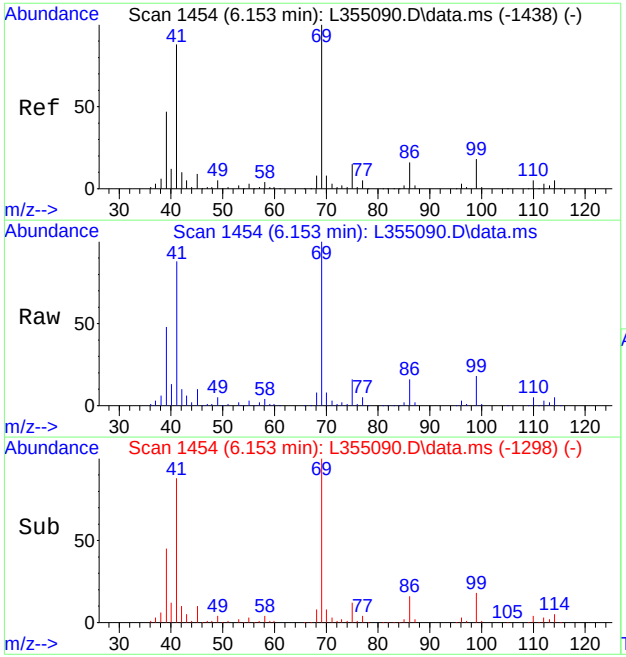


#75
trans-1,3-dichloropropene
Concen: 50.00 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 75 Resp: 263475

Ion	Ratio	Lower	Upper
75	100		
77	31.0	1.0	61.0
39	60.8	30.8	90.8

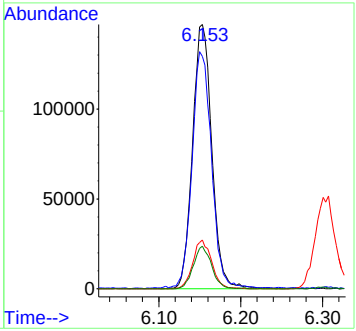


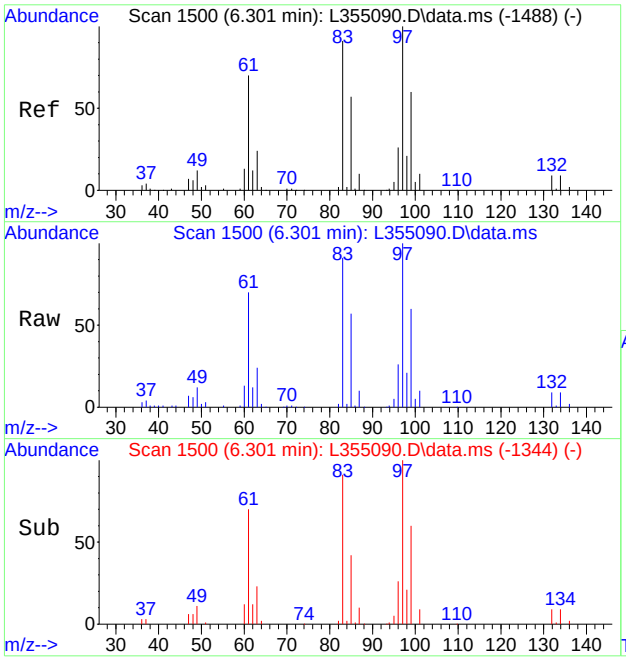


#76
ethyl methacrylate
Concen: 50.00 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 69 Resp: 240418

Ion	Ratio	Lower	Upper
69	100		
41	87.6	57.6	117.6
99	18.5	0.0	48.5
86	16.2	0.0	46.2

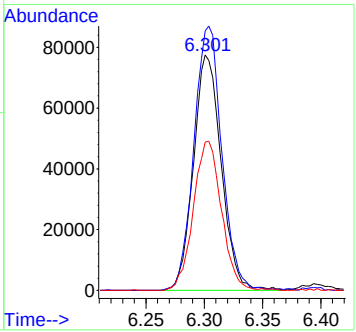


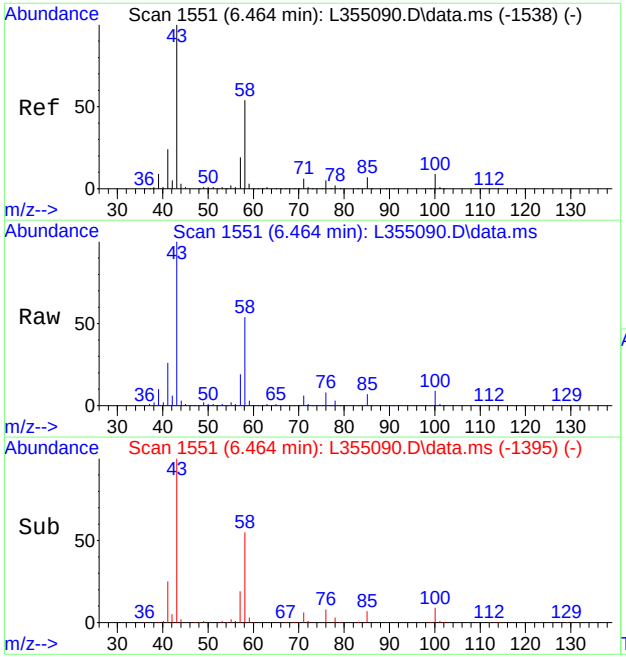


#77
1,1,2-trichloroethane
Concen: 50.00 ug/L
RT: 6.301 min Scan# 1500
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 83 Resp: 128673

Ion	Ratio	Lower	Upper
83	100		
97	110.2	80.2	140.2
85	63.0	33.0	93.0

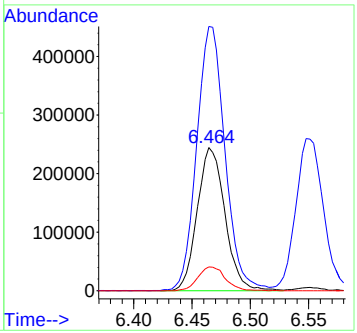


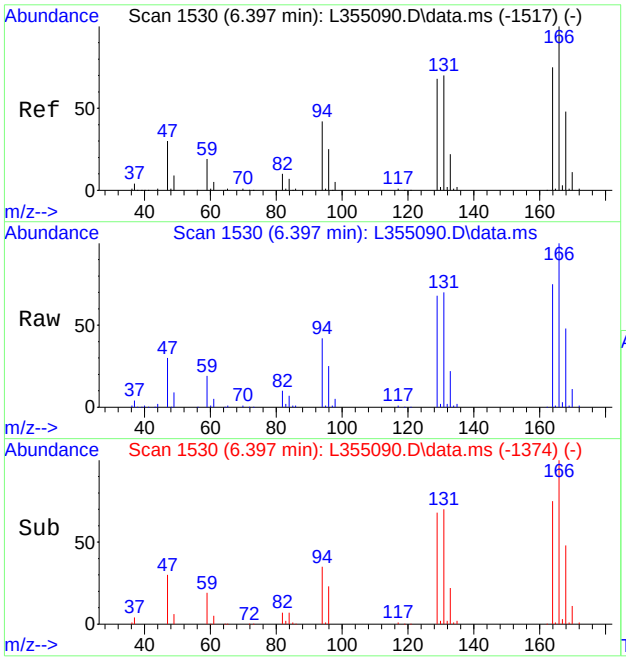


#78
2-hexanone
Concen: 200.00 ug/L
RT: 6.464 min Scan# 1551
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 58 Resp: 405806

Ion	Ratio	Lower	Upper
58	100		
43	184.5	154.5	214.5
100	16.6	0.0	46.6

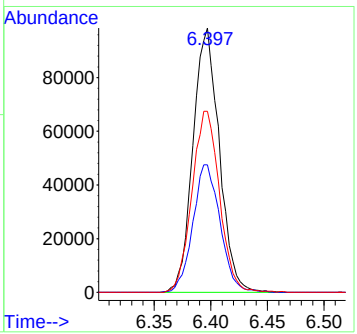


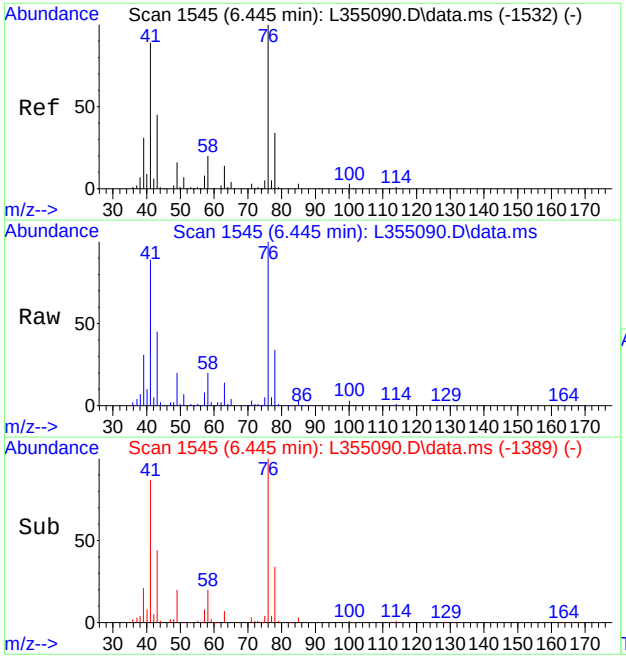


#79
tetrachloroethene
Concen: 50.00 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:166 Resp: 158933

Ion	Ratio	Lower	Upper
166	100		
168	48.3	18.3	78.3
129	68.5	38.5	98.5

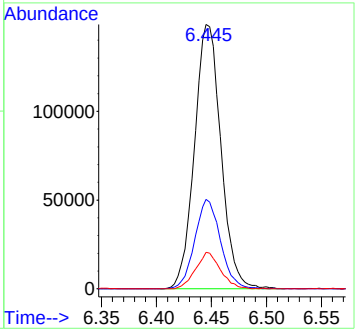


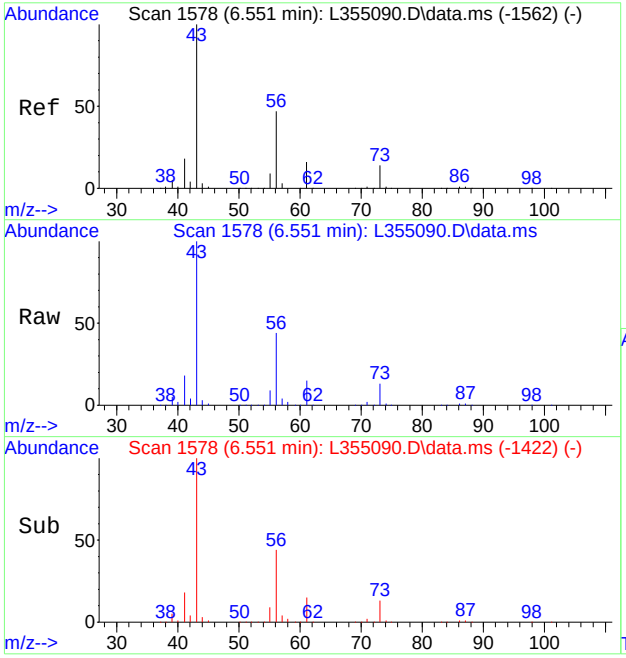


#80
1,3-dichloropropane
Concen: 50.00 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 76 Resp: 249155

Ion	Ratio	Lower	Upper
76	100		
78	33.8	3.8	63.8
63	13.8	0.0	43.8

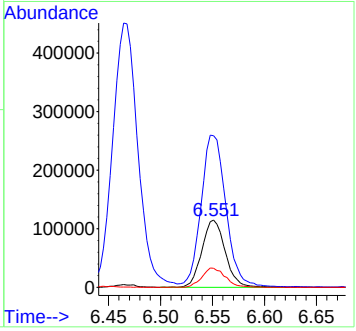


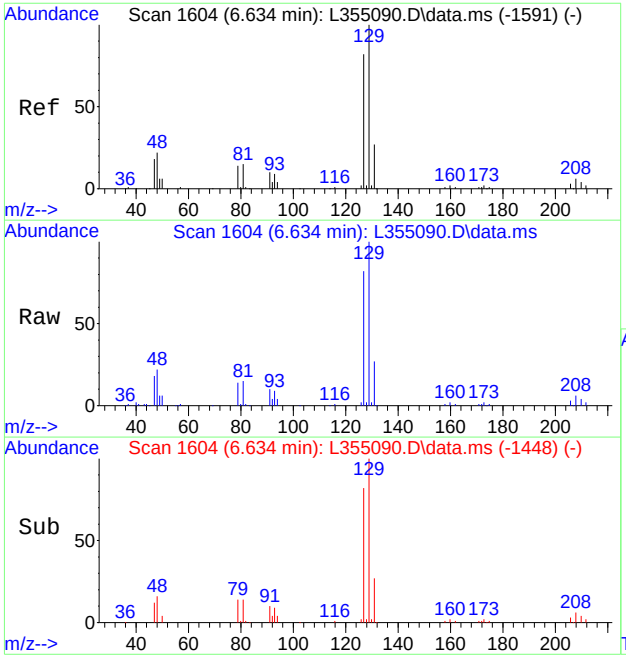


#81
butyl acetate
Concen: 50.00 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 56 Resp: 180228

Ion	Ratio	Lower	Upper
56	100		
43	224.2	194.2	254.2
73	28.5	0.0	58.5

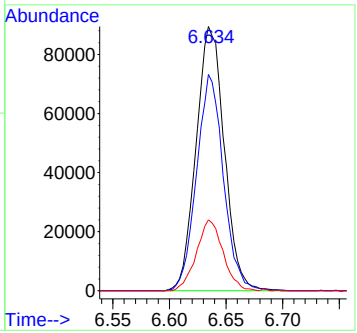


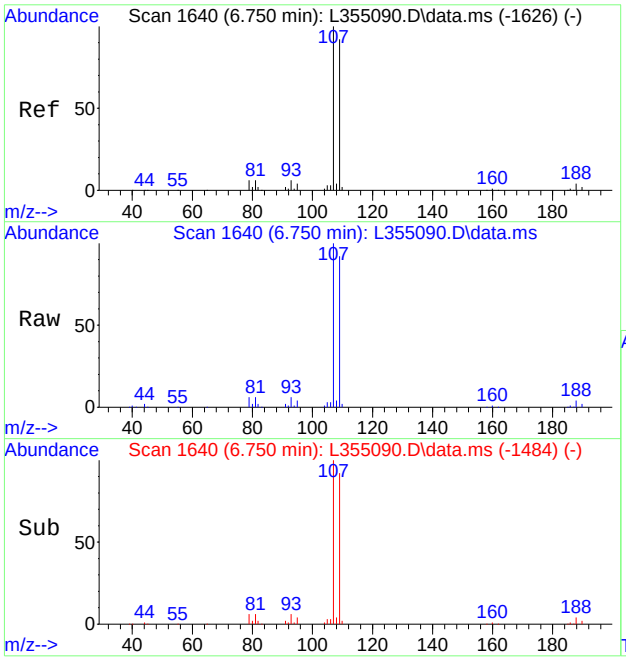


#82
dibromochloromethane
Concen: 50.00 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:129 Resp: 154740

Ion	Ratio	Lower	Upper
129	100		
127	81.9	51.9	111.9
131	26.8	0.0	56.8

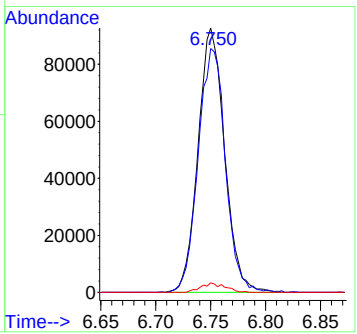


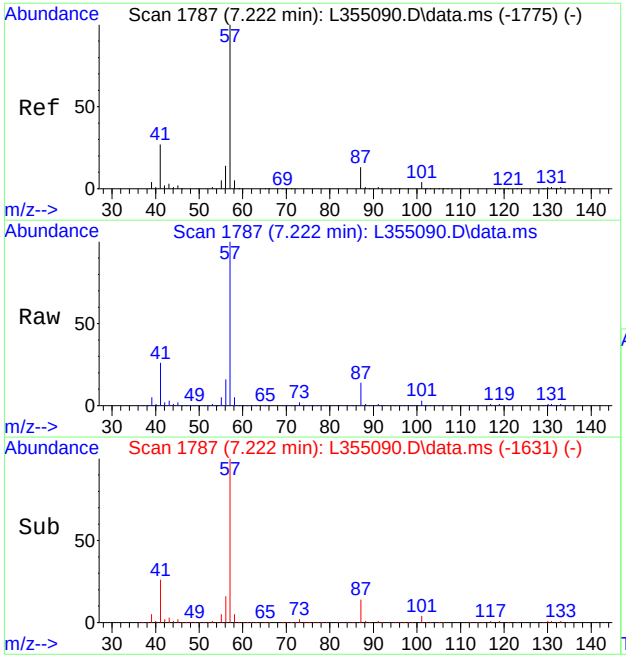


#83
1,2-dibromoethane
Concen: 50.00 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:107 Resp: 155742

Ion	Ratio	Lower	Upper
107	100		
109	92.2	62.2	122.2
188	3.6	0.0	33.6

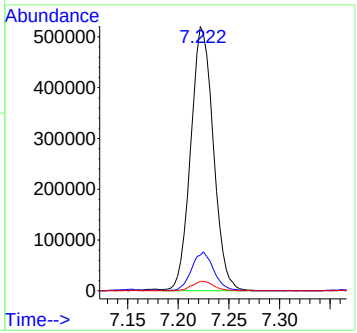


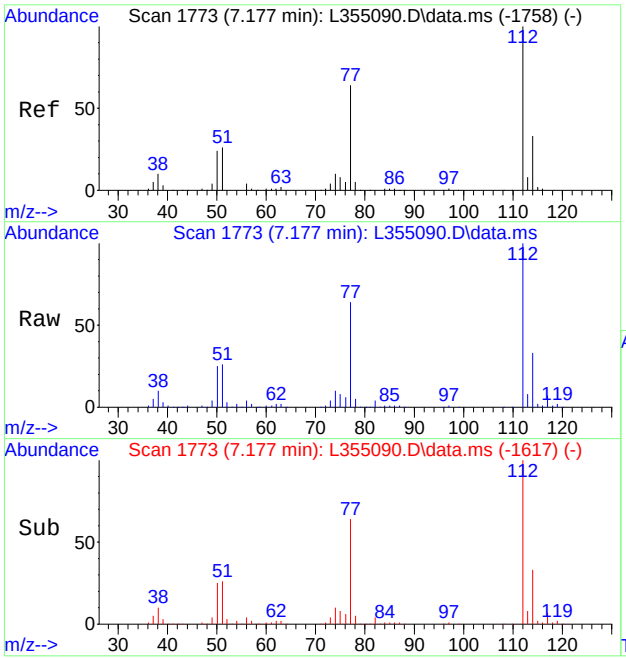


#84
n-butyl ether
Concen: 50.00 ug/L
RT: 7.222 min Scan# 1787
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 57 Resp: 809743

Ion	Ratio	Lower	Upper
57	100		
87	13.5	0.0	43.5
101	3.5	0.0	33.5

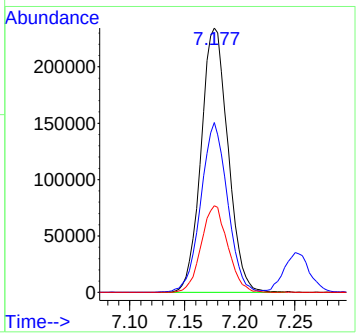




#85
chlorobenzene
Concen: 50.00 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

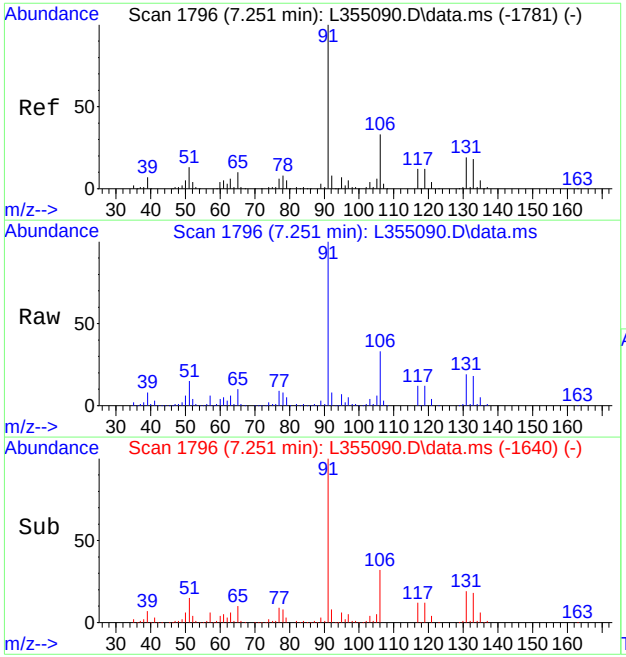
Tgt Ion:112 Resp: 400134

Ion	Ratio	Lower	Upper
112	100		
77	64.0	34.0	94.0
114	32.8	2.8	62.8



7.7.47

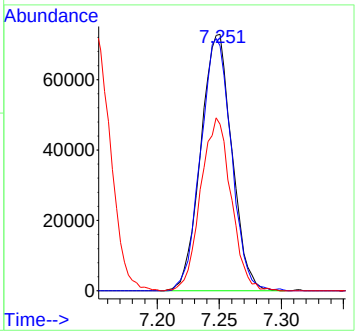
7

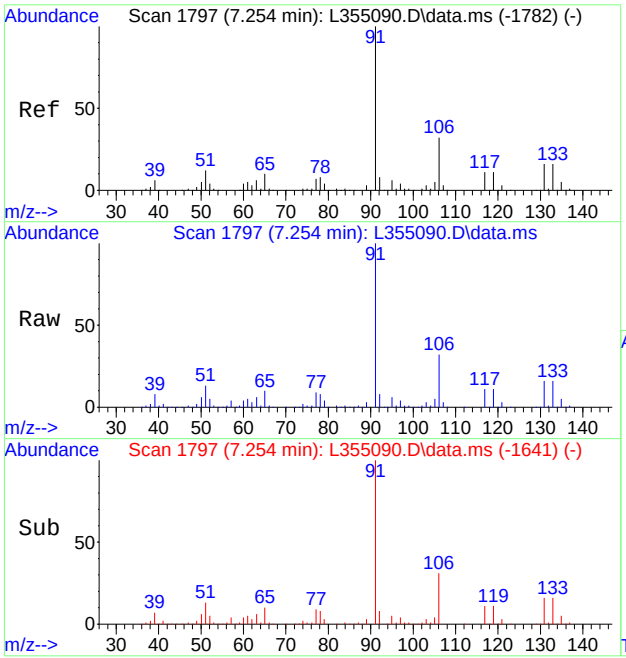


#86
1,1,1,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 7.251 min Scan# 1796
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:131 Resp: 127233

Ion	Ratio	Lower	Upper
131	100		
133	95.5	65.5	125.5
119	64.9	34.9	94.9

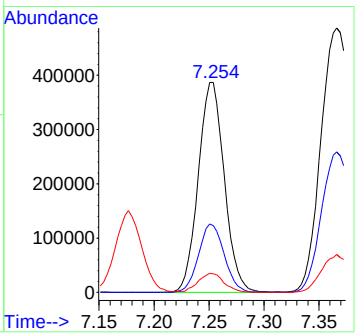


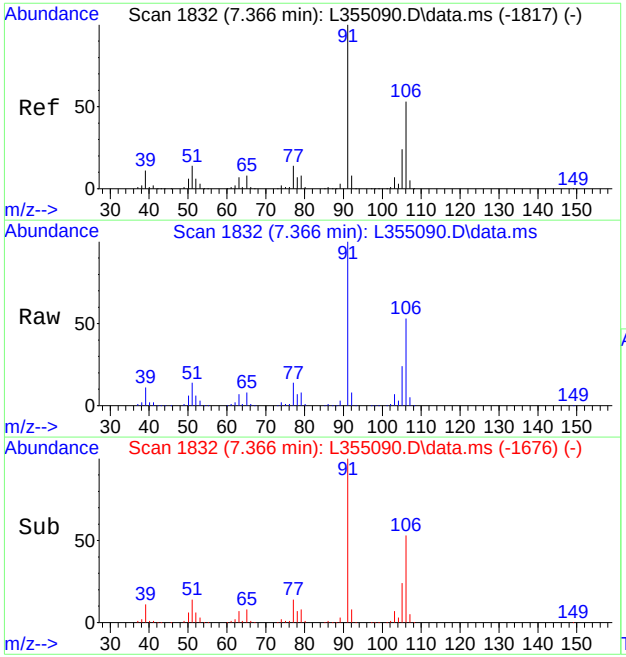


#87
ethylbenzene
Concen: 50.00 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 91 Resp: 638213

Ion	Ratio	Lower	Upper
91	100		
106	31.8	1.8	61.8
77	8.8	0.0	38.8

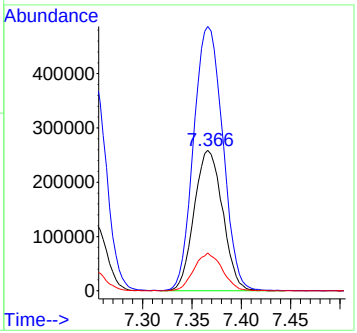


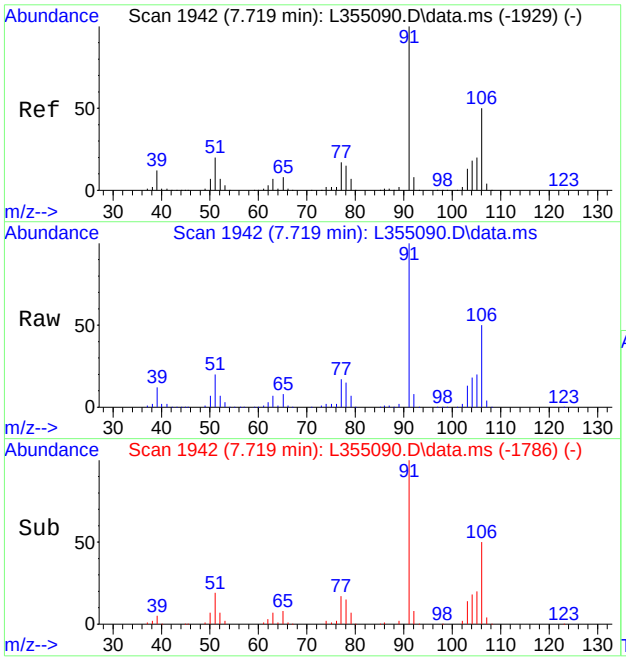


#88
m,p-xylene
Concen: 100.00 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:106 Resp: 519130

Ion	Ratio	Lower	Upper
106	100		
91	188.2	158.2	218.2
77	26.9	6.9	46.9

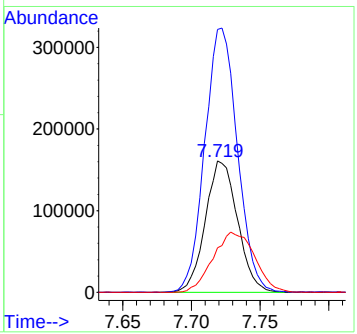


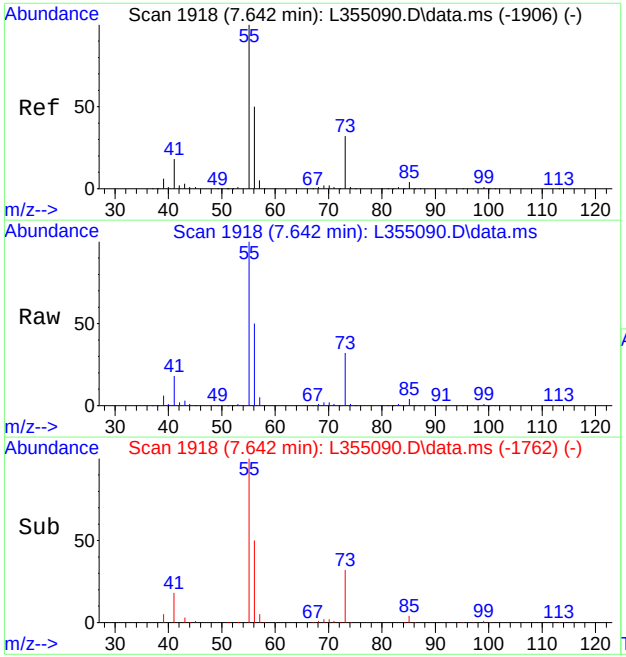


#89
o-xylene
Concen: 50.00 ug/L
RT: 7.719 min Scan# 1942
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:106 Resp: 262603

Ion	Ratio	Lower	Upper
106	100		
91	200.0	170.0	230.0
77	34.0	14.0	54.0

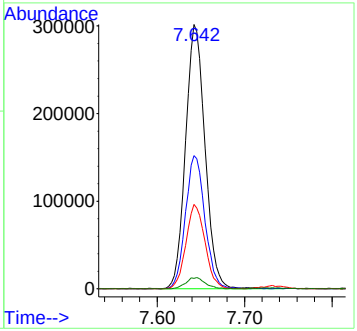


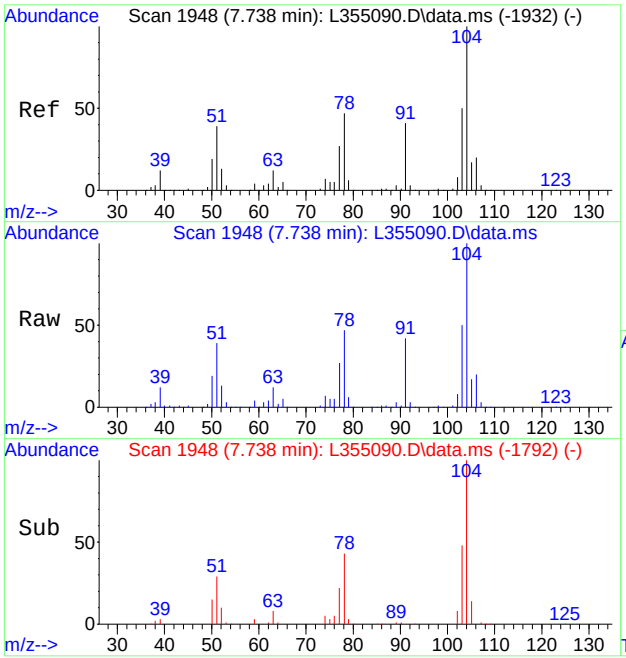


#90
butyl acrylate
Concen: 50.00 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 55 Resp: 468820

Ion	Ratio	Lower	Upper
55	100		
56	50.4	30.4	70.4
73	31.9	11.9	51.9
85	4.0	0.0	24.0

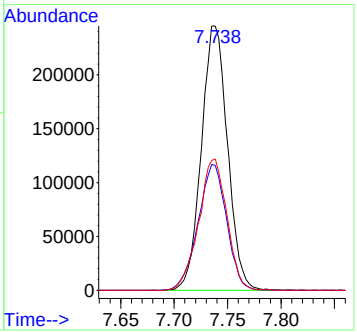


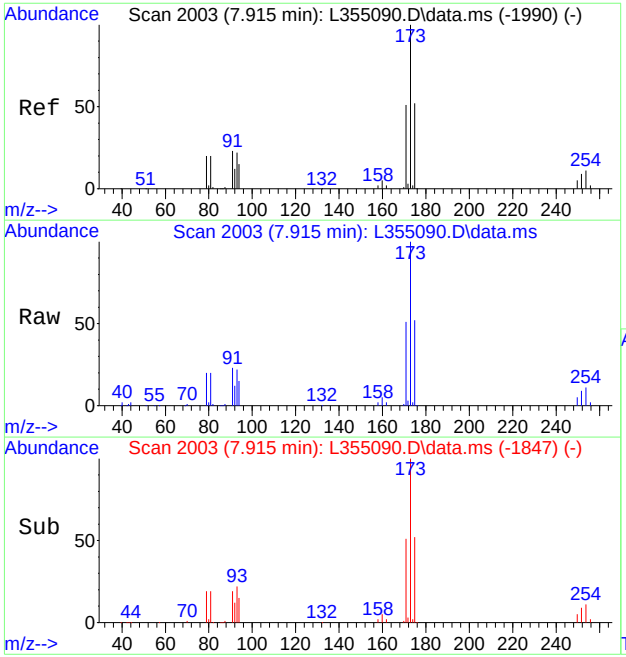


#91
styrene
Concen: 50.00 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:104 Resp: 417647

Ion	Ratio	Lower	Upper
104	100		
78	47.3	17.3	77.3
103	49.8	19.8	79.8

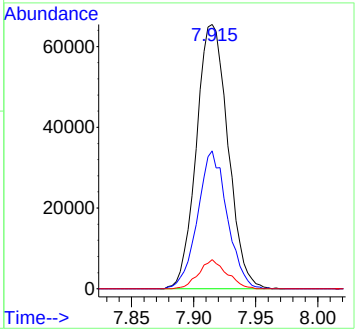


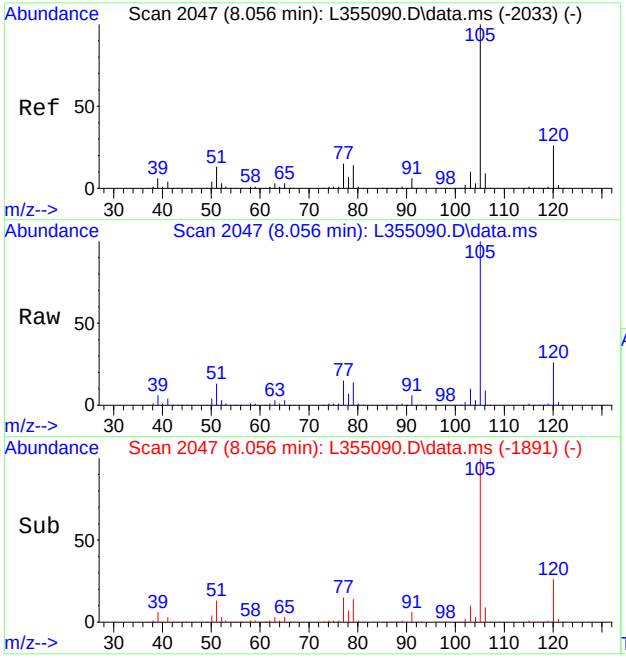


#92
bromoform
Concen: 50.00 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:173 Resp: 115943

Ion	Ratio	Lower	Upper
173	100		
175	52.1	22.1	82.1
254	11.0	0.0	41.0

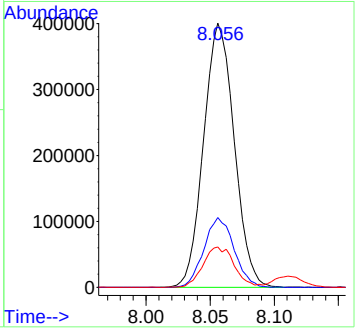


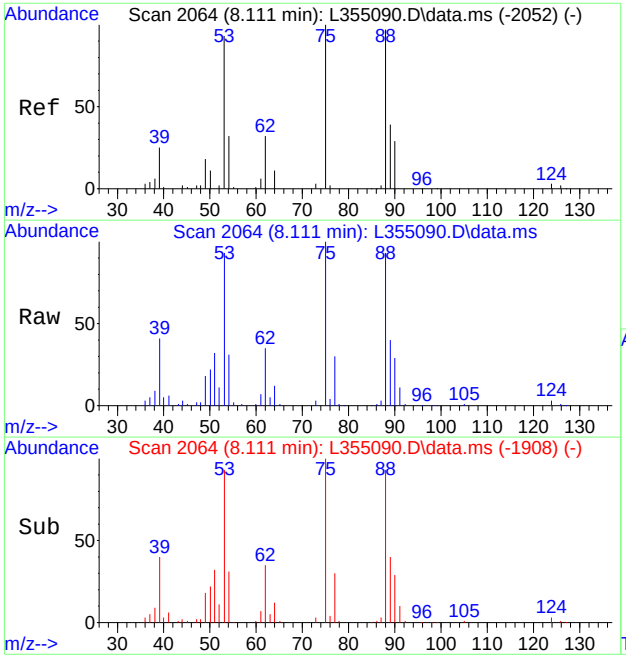


#93
isopropylbenzene
Concen: 50.00 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:105 Resp: 666759

Ion	Ratio	Lower	Upper
105	100		
120	26.4	6.4	46.4
77	15.3	0.0	35.3

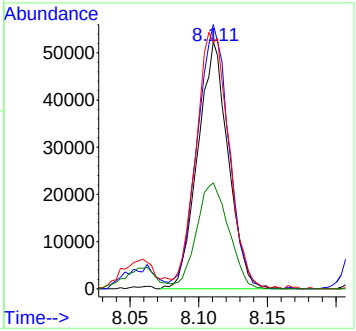


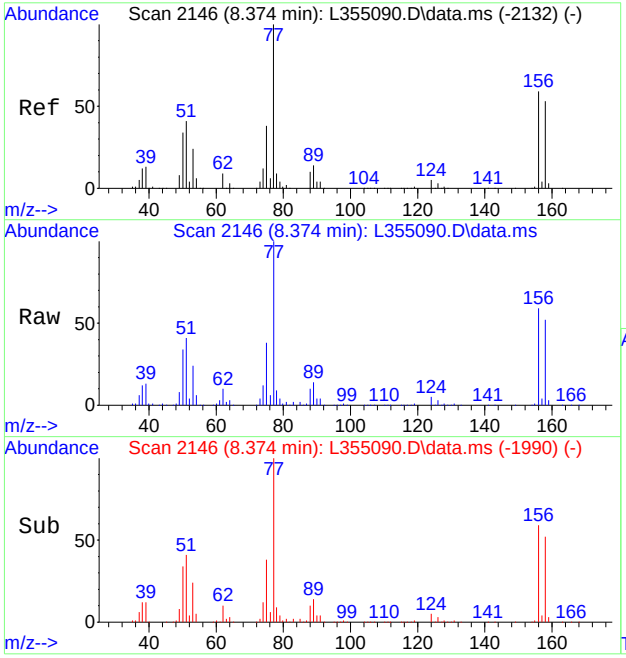


#94
cis-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 8.111 min Scan# 2064
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 88 Resp: 80778

Ion	Ratio	Lower	Upper
88	100		
75	107.0	87.0	127.0
53	99.7	79.7	119.7
89	42.9	22.9	62.9

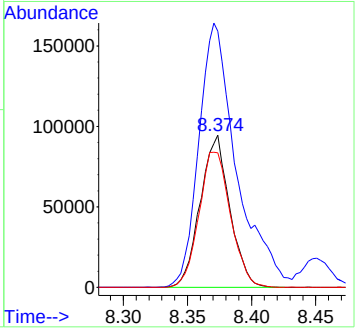


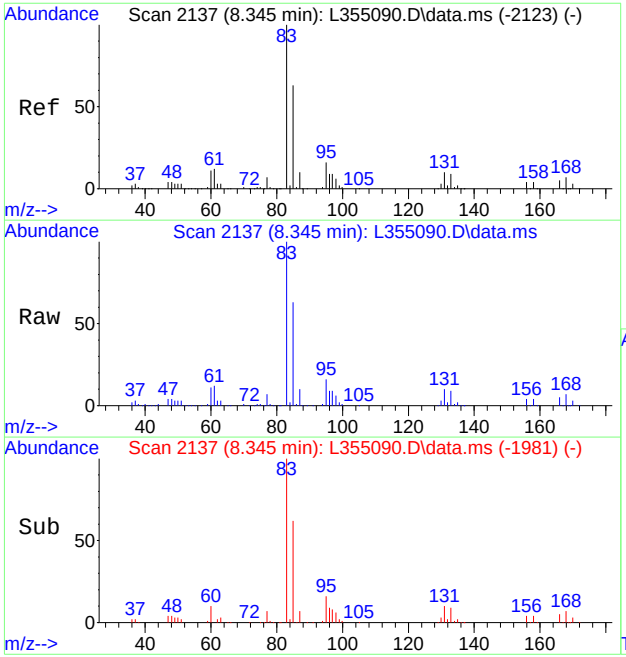


#97
bromobenzene
Concen: 50.00 ug/L
RT: 8.374 min Scan# 2146
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:156 Resp: 151401

Ion	Ratio	Lower	Upper
156	100		
77	168.1	138.1	198.1
158	88.3	58.3	118.3

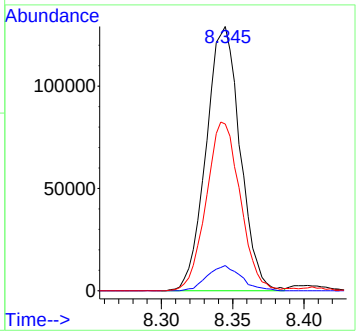


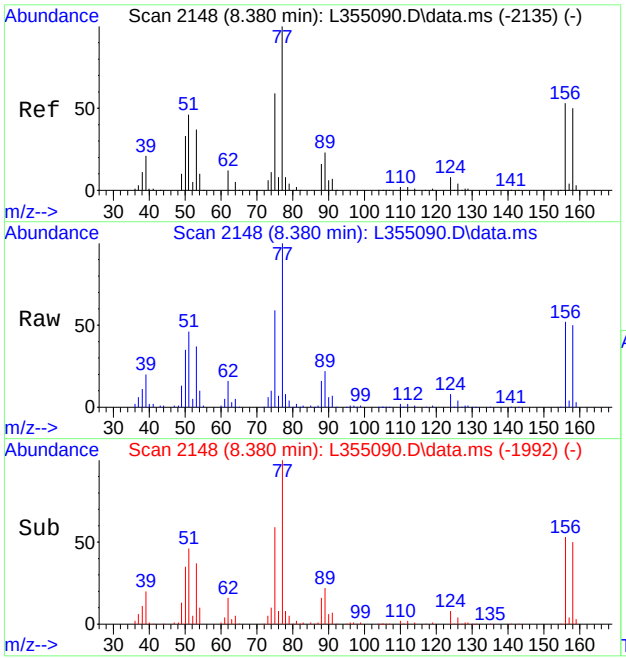


#98
1,1,2,2-tetrachloroethane
Concen: 50.00 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 83 Resp: 213805

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	39.6
85	63.1	33.1	93.1

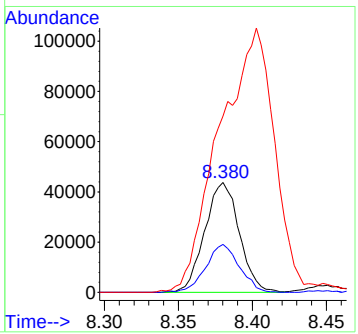


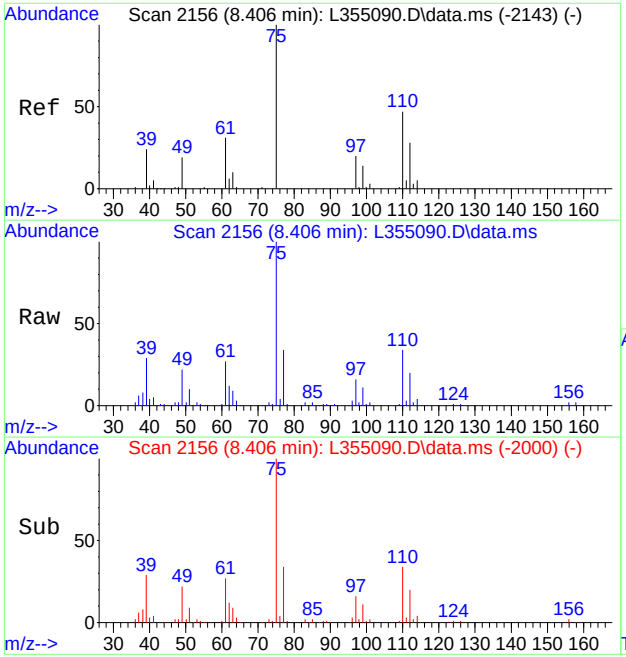


#99
trans-1,4-dichloro-2-butene
Concen: 50.00 ug/L
RT: 8.380 min Scan# 2148
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 53 Resp: 70963

Ion	Ratio	Lower	Upper
53	100		
88	43.5	13.5	73.5
75	158.5	128.5	188.5

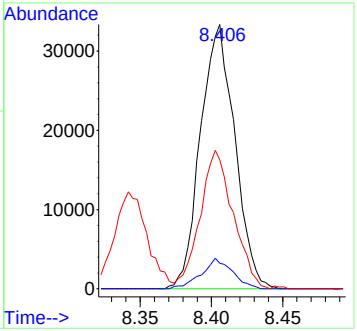


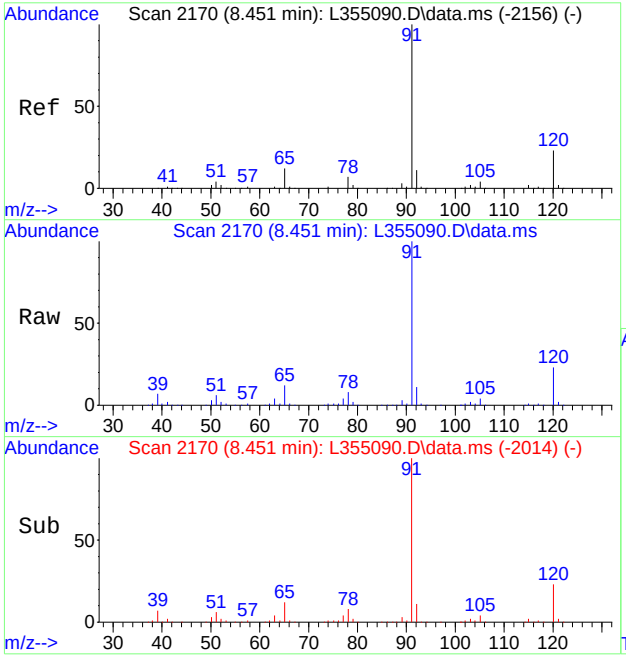


#100
1,2,3-trichloropropane
Concen: 50.00 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:110 Resp: 55991

Ion	Ratio	Lower	Upper
110	100		
111	9.7	0.0	39.7
97	48.0	18.0	78.0

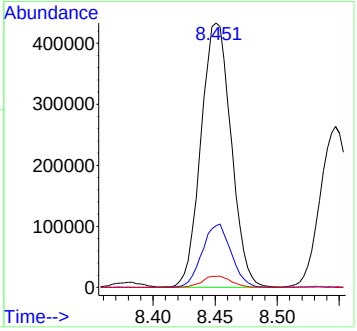


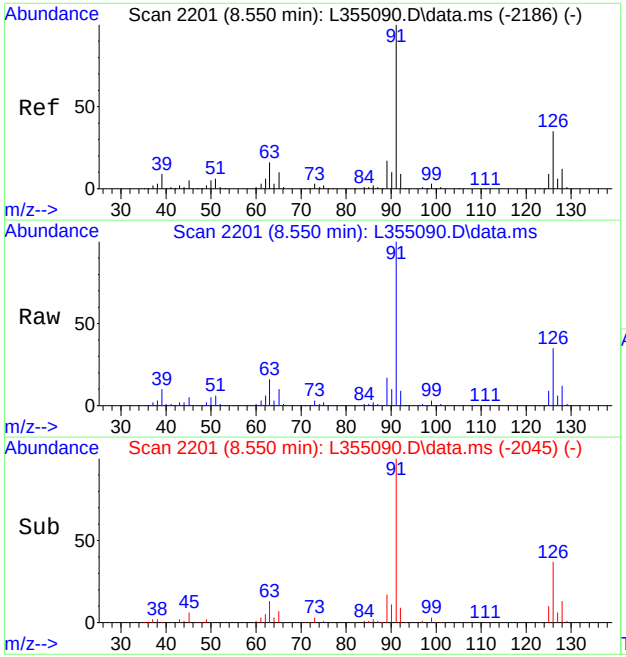


#101
n-propylbenzene
Concen: 50.00 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 91 Resp: 732182

Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	53.4
105	4.1	0.0	34.1

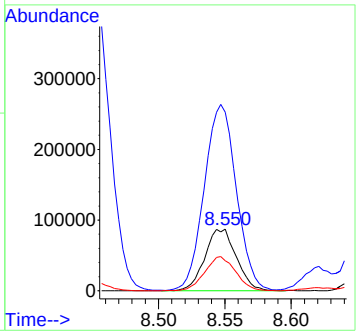


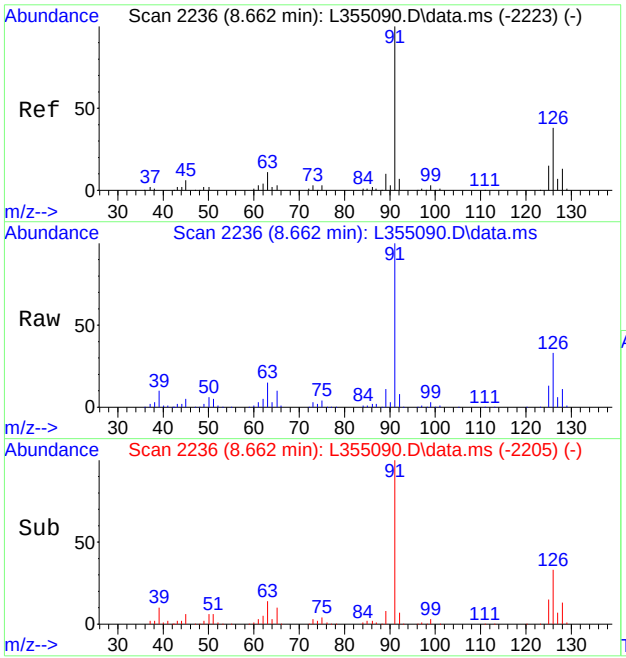


#102
2-chlorotoluene
Concen: 50.00 ug/L
RT: 8.550 min Scan# 2201
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:126 Resp: 144362

Ion	Ratio	Lower	Upper
126	100		
91	288.6	258.6	318.6
89	48.8	18.8	78.8

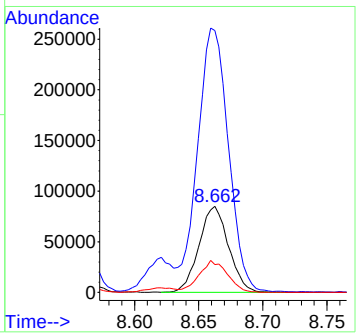


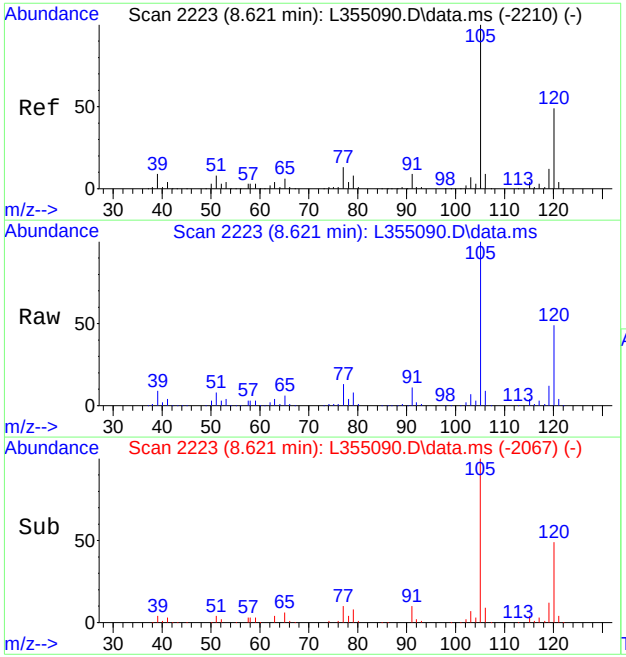


#103
4-chlorotoluene
Concen: 50.00 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:126 Resp: 136278

Ion	Ratio	Lower	Upper
126	100		
91	302.7	272.7	332.7
89	32.4	2.4	62.4

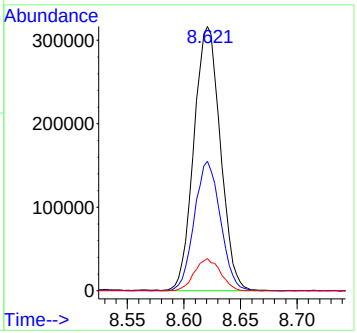


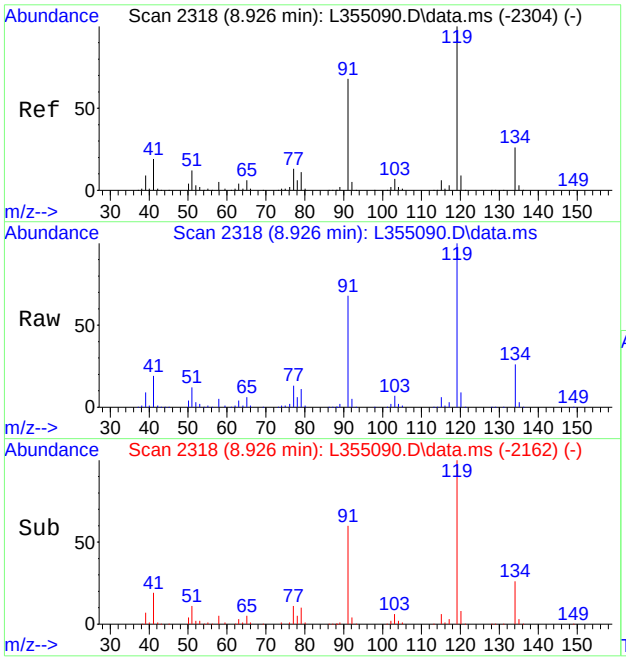


#104
1,3,5-trimethylbenzene
Concen: 50.00 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:105 Resp: 514937

Ion	Ratio	Lower	Upper
105	100		
120	49.0	19.0	79.0
119	12.2	0.0	42.2

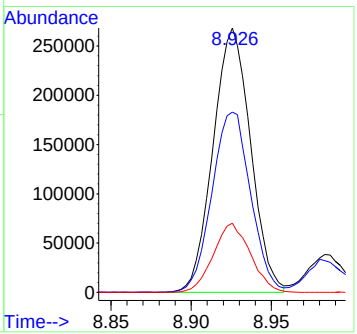


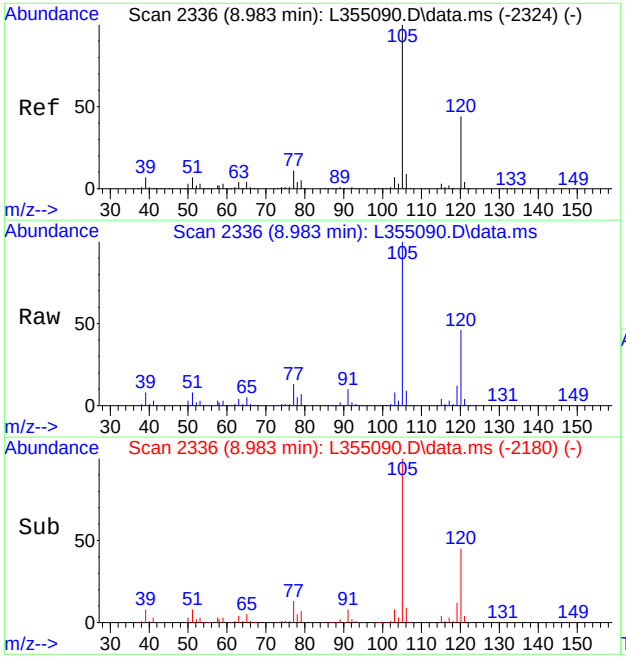


#105
tert-butylbenzene
Concen: 50.00 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:119 Resp: 436812

Ion	Ratio	Lower	Upper
119	100		
91	68.0	38.0	98.0
134	26.2	0.0	56.2

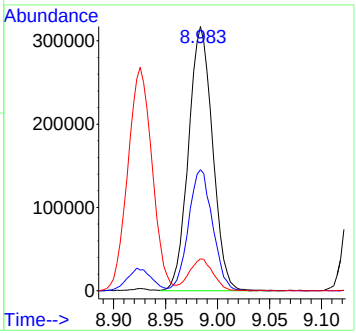


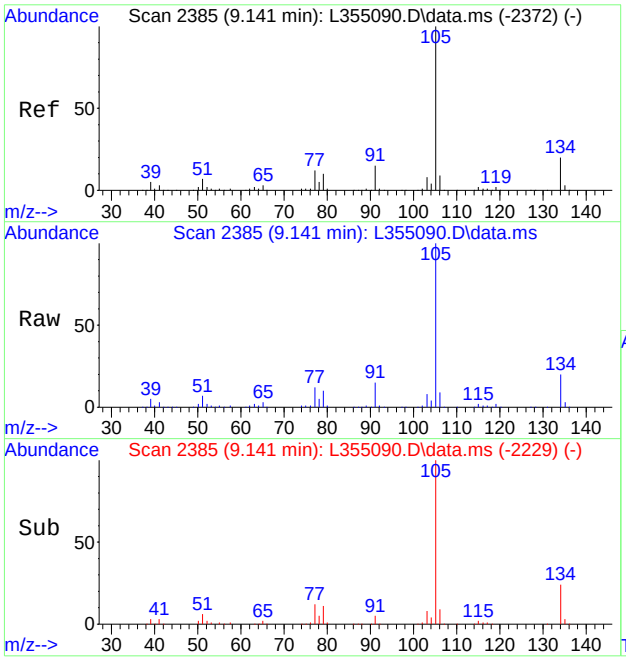


#106
1,2,4-trimethylbenzene
Concen: 50.00 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:105 Resp: 510823

Ion	Ratio	Lower	Upper
105	100		
120	45.8	15.8	75.8
119	12.1	0.0	42.1

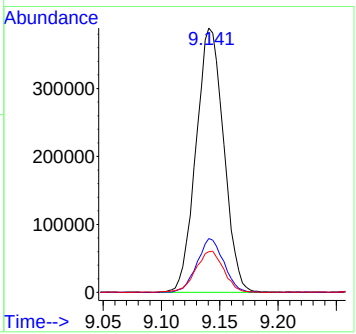


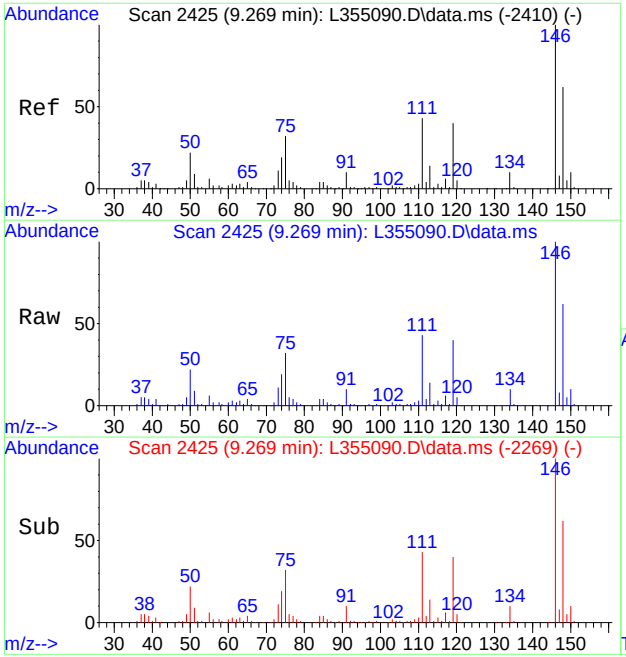


#107
sec-butylbenzene
Concen: 50.00 ug/L
RT: 9.141 min Scan# 2385
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:105 Resp: 642909

Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	50.4
91	15.4	0.0	45.4

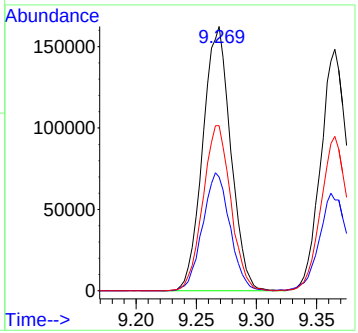


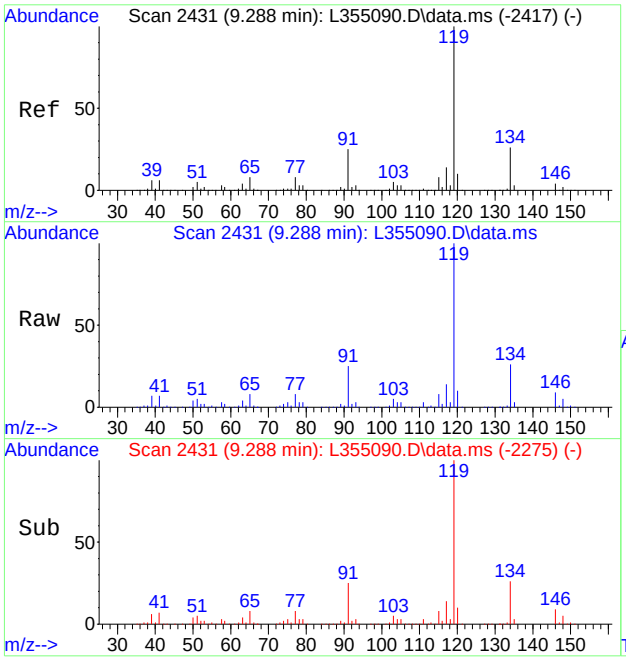


#108
1,3-dichlorobenzene
Concen: 50.00 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:146 Resp: 262483

Ion	Ratio	Lower	Upper
146	100		
111	43.1	13.1	73.1
148	62.4	32.4	92.4

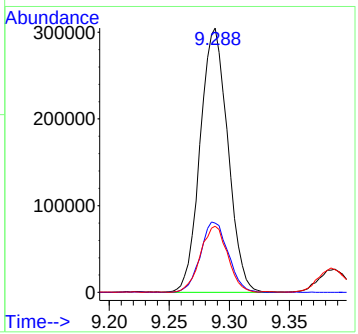


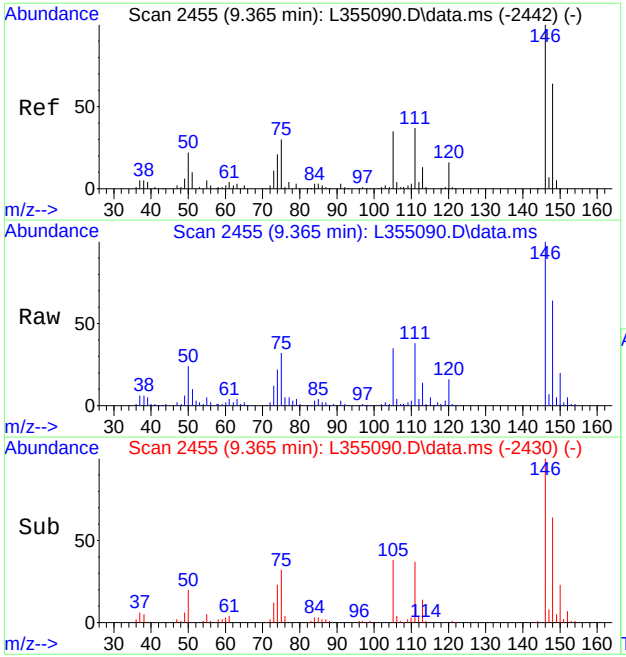


#109
p-isopropyltoluene
Concen: 50.00 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:119 Resp: 488629

Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	56.2
91	25.0	0.0	55.0

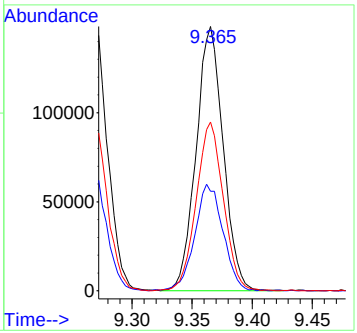


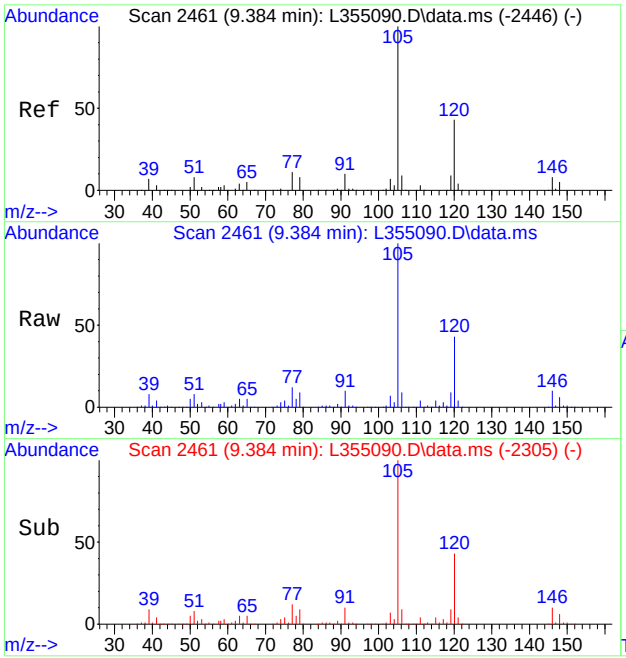


#110
1,4-dichlorobenzene
Concen: 50.00 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:146 Resp: 232814

Ion	Ratio	Lower	Upper
146	100		
111	37.6	7.6	67.6
148	63.7	33.7	93.7

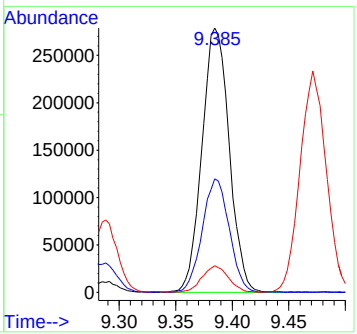


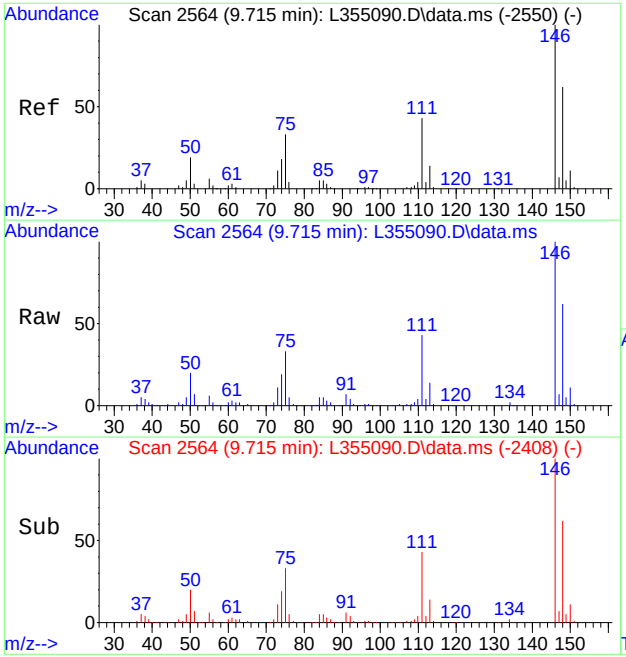


#111
1,2,3-trimethylbenzene
Concen: 50.00 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:105 Resp: 466832

Ion	Ratio	Lower	Upper
105	100		
120	43.0	13.0	73.0
91	9.8	0.0	39.8

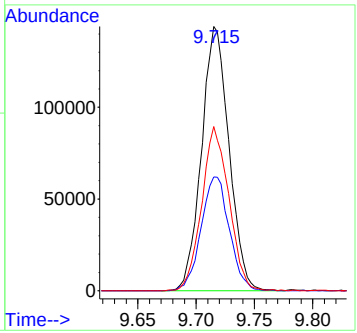


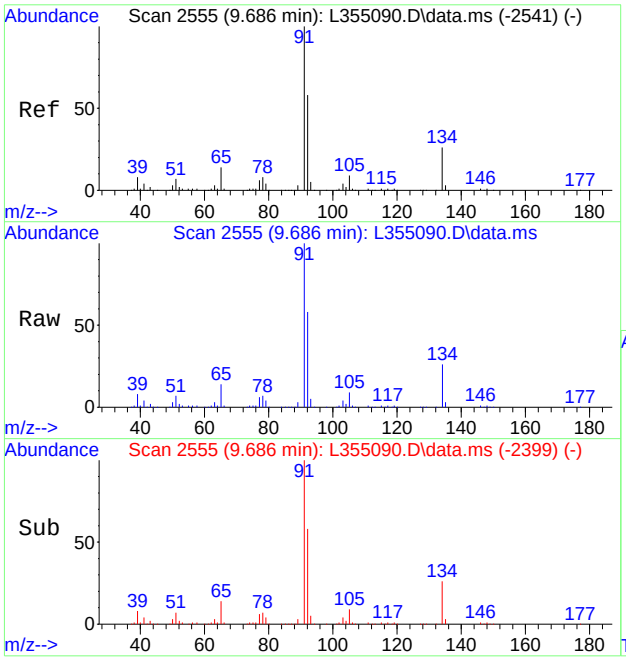


#112
1,2-dichlorobenzene
Concen: 50.00 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:146 Resp: 236357

Ion	Ratio	Lower	Upper
146	100		
111	43.0	13.0	73.0
148	62.1	32.1	92.1

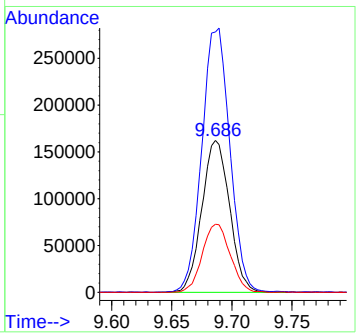


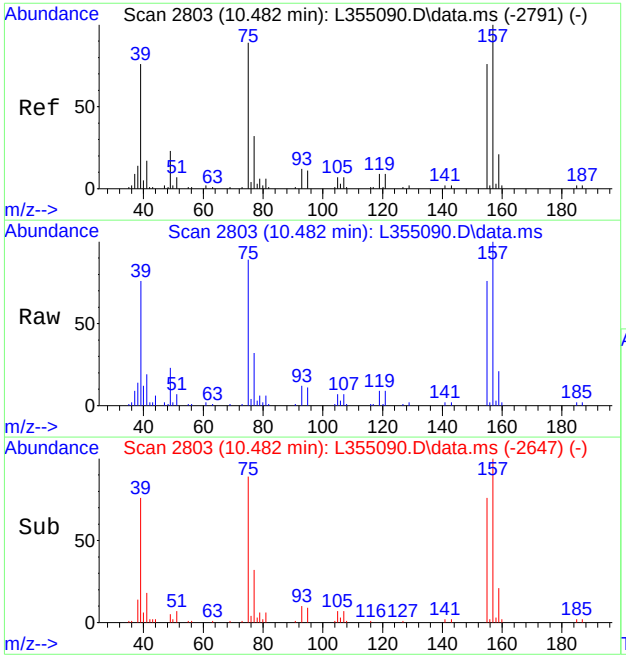


#113
n-butylbenzene
Concen: 50.00 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion: 92 Resp: 260545

Ion	Ratio	Lower	Upper
92	100		
91	171.2	141.2	201.2
134	44.9	14.9	74.9

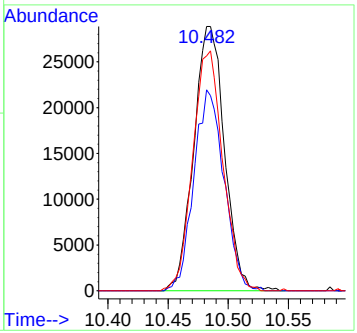


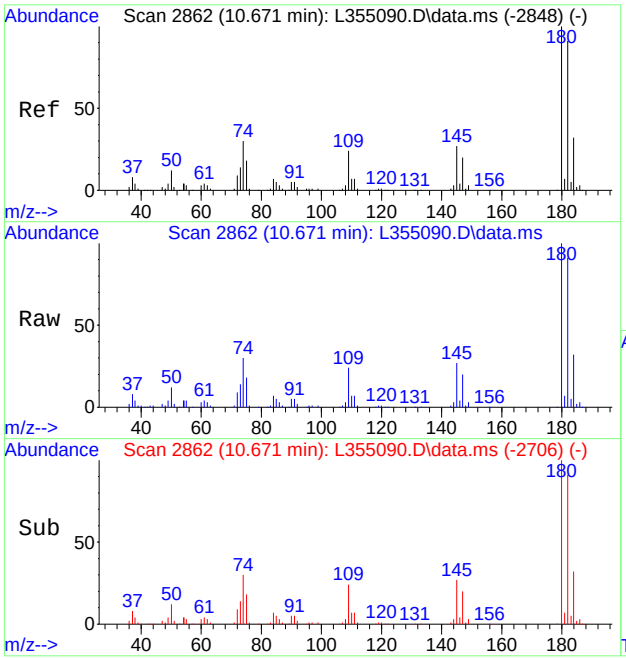


#114
1,2-dibromo-3-chloropropane
Concen: 50.00 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:157 Resp: 51426

Ion	Ratio	Lower	Upper
157	100		
155	76.0	46.0	106.0
75	88.9	58.9	118.9

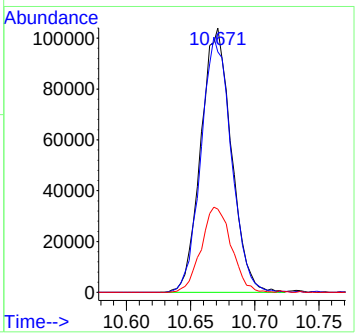


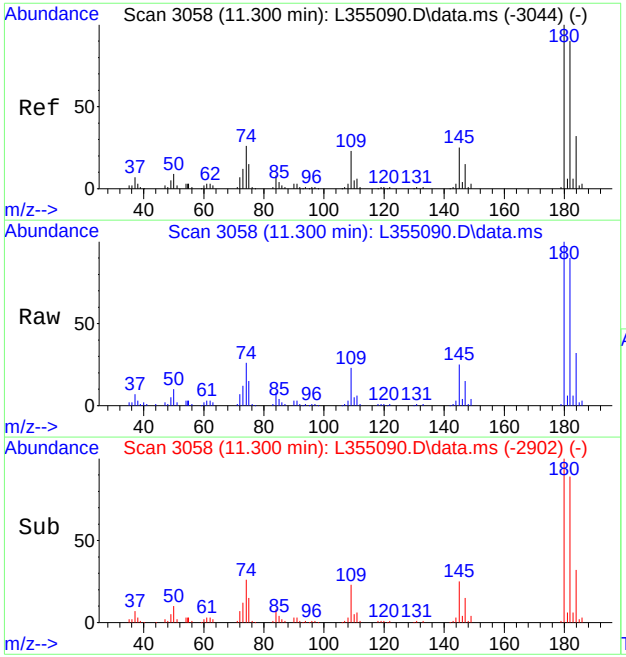


#115
1,3,5-trichlorobenzene
Concen: 50.00 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:180 Resp: 172102

Ion	Ratio	Lower	Upper
180	100		
182	91.0	61.0	121.0
184	31.5	1.5	61.5

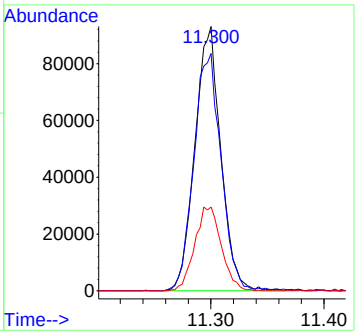


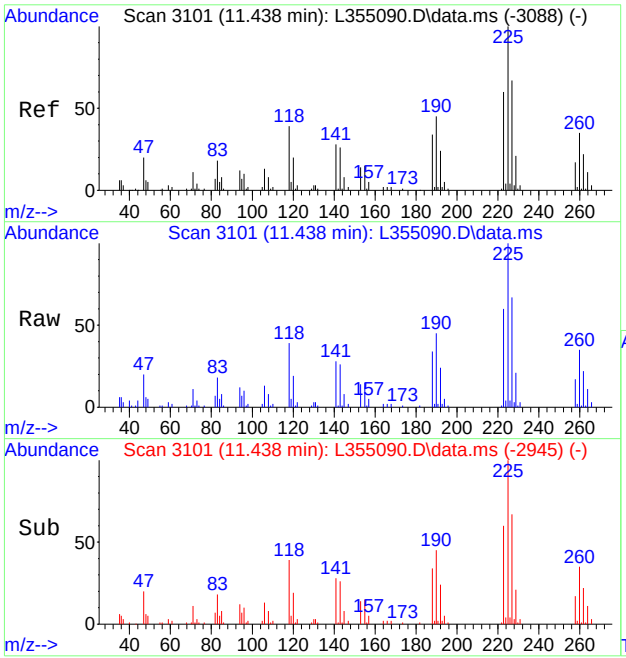


#116
1,2,4-trichlorobenzene
Concen: 50.00 ug/L
RT: 11.300 min Scan# 3058
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:180 Resp: 147716

Ion	Ratio	Lower	Upper
180	100		
182	89.8	59.8	119.8
184	31.8	1.8	61.8

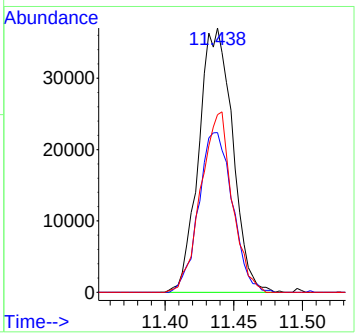


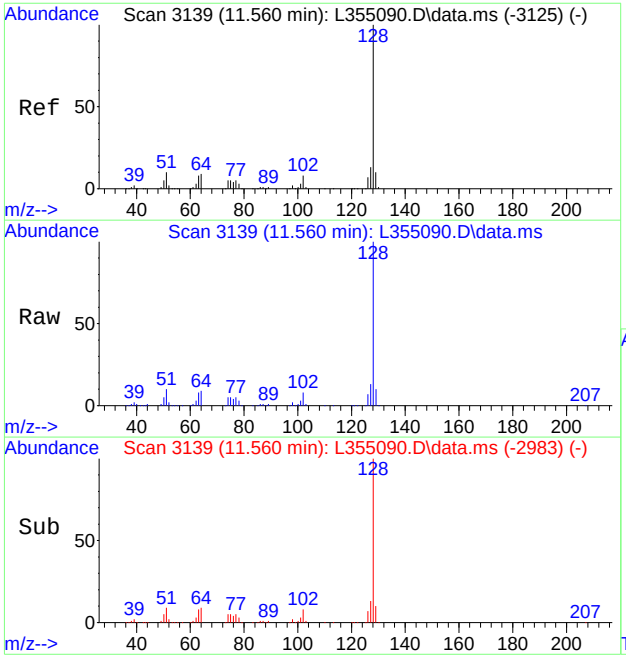


#117
hexachlorobutadiene
Concen: 50.00 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:225 Resp: 63282

Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.5	90.5
227	67.2	37.2	97.2

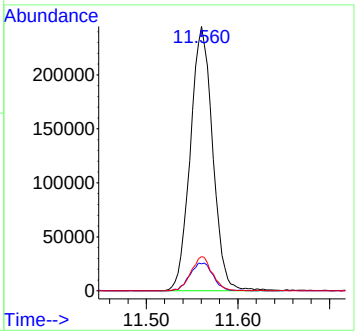


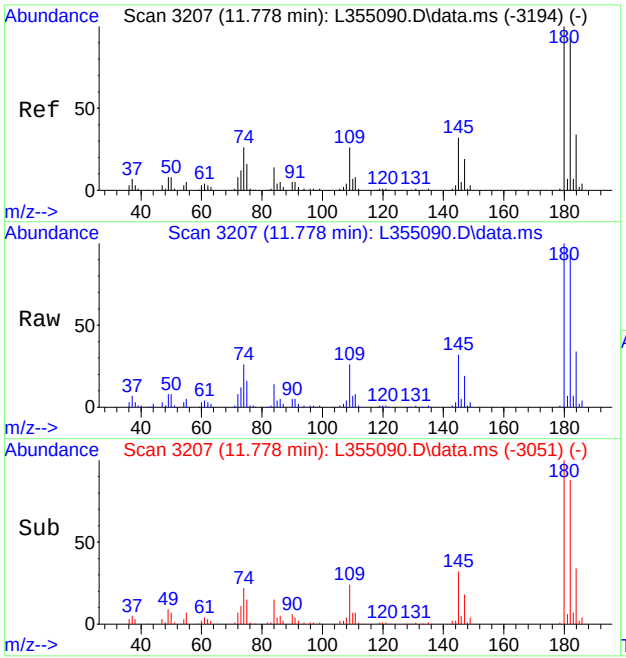


#118
naphthalene
Concen: 50.00 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:128 Resp: 414724

Ion	Ratio	Lower	Upper
128	100		
129	10.2	0.0	40.2
127	13.0	0.0	43.0

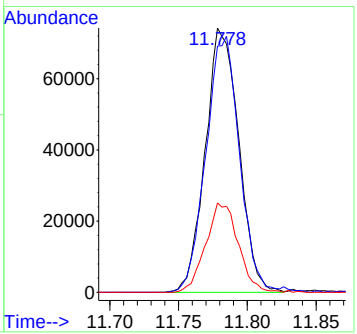


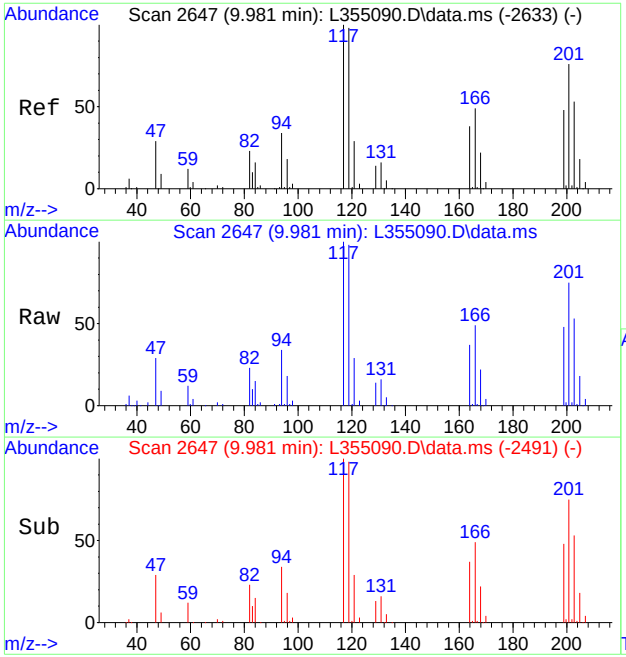


#119
1,2,3-trichlorobenzene
Concen: 50.00 ug/L
RT: 11.778 min Scan# 3207
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:180 Resp: 125896

Ion	Ratio	Lower	Upper
180	100		
182	93.1	63.1	123.1
184	33.8	3.8	63.8

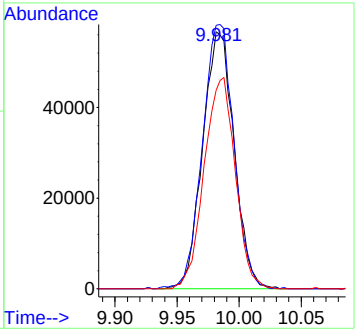


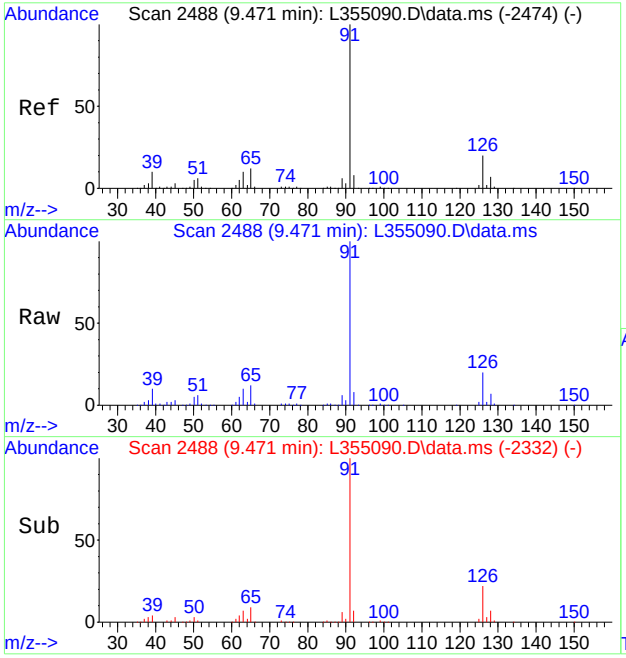


#120
hexachloroethane
Concen: 50.00 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:119 Resp: 99402

Ion	Ratio	Lower	Upper
119	100		
117	101.9	71.9	131.9
201	77.2	47.2	107.2

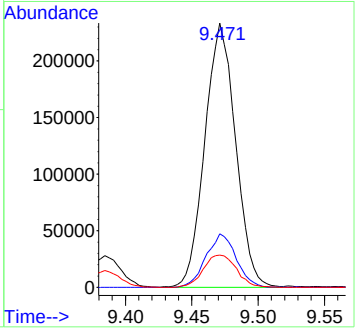




#121
benzyl chloride
Concen: 50.00 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

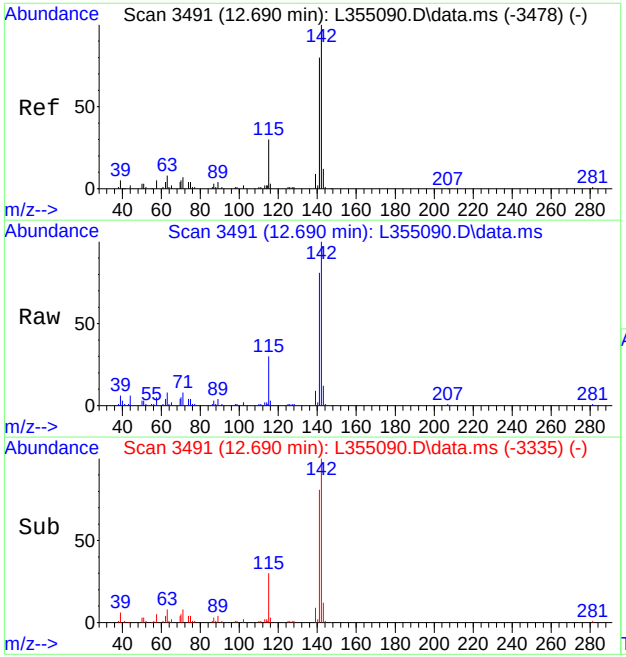
Tgt Ion: 91 Resp: 376466

Ion	Ratio	Lower	Upper
91	100		
126	20.3	0.0	50.3
65	12.2	0.0	42.2



7.7.47

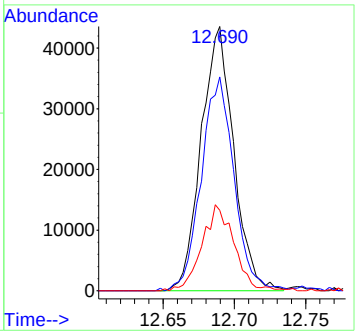
7



#122
2-methylnaphthalene
Concen: 25.00 ug/L
RT: 12.690 min Scan# 3491
Delta R.T. 0.000 min
Lab File: L355090.D
Acq: 29 Apr 2023 8:52 pm

Tgt Ion:142 Resp: 69152

Ion	Ratio	Lower	Upper
142	100		
141	79.9	59.9	99.9
115	30.4	10.4	50.4



7.7.47

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355091.D
Acq On : 29 Apr 2023 9:15 pm
Operator : PrashanS
Sample : IC10779-100
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 01 12:40:51 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:39:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.992	65	145620	500.00	ug/L		0.00
5) pentafluorobenzene	4.202	168	281926	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.764	114	415568	50.00	ug/L		0.00
72) chlorobenzene-d5	7.151	117	380898	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	143903	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.202	168	281926	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	143903	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.212	113	118341	51.13	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.26%				
52) 1,2-dichloroethane-d4 (s)	4.459	65	135873	45.11	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 90.22%				
73) toluene-d8 (s)	5.906	98	471932	46.12	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.24%				
96) 4-bromofluorobenzene (s)	8.226	95	173329	52.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.42%				
Target Compounds							Qvalue
2) 1,4-dioxane	5.197	88	24281	2641.60	ug/L		93
3) ethanol	2.427	45	208717	8771.90	ug/L		97
4) tertiary butyl alcohol	3.047	59	232780	463.36	ug/L		95
6) chlorodifluoromethane	1.609	51	682993	87.13	ug/L	#	98
7) dichlorodifluoromethane	1.596	85	568081	99.35	ug/L		99
8) chloromethane	1.747	50	573206	89.71	ug/L		96
9) vinyl chloride	1.834	62	453284	92.02	ug/L		96
10) 1,3-butadiene	1.863	54	439278	78.88	ug/L		96
11) bromomethane	2.084	96	176591	94.32	ug/L		95
12) chloroethane	2.161	64	224602	88.24	ug/L		97
13) trichlorofluoromethane	2.341	101	484010	93.69	ug/L		97
14) ethyl ether	2.517	74	210776	92.61	ug/L		99
15) acrolein	2.617	56	104667	92.50	ug/L		88
16) freon 113	2.691	151	241608	85.81	ug/L		96
17) 1,1-dichloroethene	2.697	96	227852	83.13	ug/L		96
18) acetone	2.707	58	198900	326.96	ug/L		87
19) acetonitrile	2.896	40	291769	829.91	ug/L		97
20) iodomethane	2.809	142	343524	136.30	ug/L		97
21) iso-butyl alcohol	4.350	43	183356	804.63	ug/L		96
22) carbon disulfide	2.867	76	912109	78.62	ug/L		98
23) methylene chloride	3.018	84	284846	84.71	ug/L		95
24) methyl acetate	2.909	74	72338	86.19	ug/L		98
25) methyl tert butyl ether	3.185	73	896993	81.84	ug/L		98
26) trans-1,2-dichloroethene	3.204	96	253326	80.08	ug/L		95
27) hexane	3.381	57	669346	81.21	ug/L		99
28) di-isopropyl ether	3.486	45	1221081	72.12	ug/L		96
29) ethyl tert-butyl ether	3.730	59	1125989	80.69	ug/L		99
30) 2-butanone	3.852	72	209185	360.65	ug/L	#	86
31) 1,1-dichloroethane	3.496	63	554791	77.50	ug/L		97
32) chloroprene	3.547	53	593549	80.34	ug/L		97
33) acrylonitrile	3.166	53	214802	91.13	ug/L		95
34) vinyl acetate	3.470	86	66033	83.30	ug/L	#	88
35) ethyl acetate	3.859	45	86843	83.19	ug/L	#	77
36) 2,2-dichloropropane	3.891	77	401080	74.94	ug/L		97
37) cis-1,2-dichloroethene	3.881	96	272514	79.50	ug/L		98
38) propionitrile	3.897	54	583862	738.28	ug/L		94
39) methyl acrylate	3.907	85	52921	80.71	ug/L	#	78
40) bromochloromethane	4.042	128	127159	82.66	ug/L		86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355091.D
Acq On : 29 Apr 2023 9:15 pm
Operator : PrashanS
Sample : IC10779-100
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 01 12:40:51 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:39:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.054	72	61396	91.39	ug/L		89
42) chloroform	4.099	83	480754	76.76	ug/L		97
44) methacrylonitrile	4.006	67	173816	86.69	ug/L		97
45) 1,1,1-trichloroethane	4.237	97	417128	91.25	ug/L		93
46) cyclohexane	4.295	84	429675	83.71	ug/L		92
47) 1,1-dichloropropene	4.343	75	378978	83.77	ug/L		97
48) carbon tetrachloride	4.350	117	339805	82.15	ug/L		97
49) isopropyl acetate	4.459	87	82868	88.10	ug/L	#	91
50) tert amyl alcohol	4.439	55	91567	442.84	ug/L		93
53) tert-amyl methyl ether	4.552	73	827600	73.93	ug/L		98
54) 2,2,4-trimethylpentane	4.552	57	1014139	69.67	ug/L		95
55) n-butyl alcohol	4.821	56	447751	4559.10	ug/L		98
56) benzene	4.491	78	1059911	75.51	ug/L		96
57) heptane	4.664	57	279907	84.23	ug/L		94
58) 1,2-dichloroethane	4.516	62	393438	76.16	ug/L		99
59) trichloroethene	4.956	95	310939	86.03	ug/L		97
60) ethyl acrylate	4.975	55	606794	79.85	ug/L		98
61) 2-nitropropane	5.502	41	163639	92.08	ug/L		96
62) 2-chloroethyl vinyl ether	5.537	63	805019	473.73	ug/L		99
63) methyl methacrylate	5.155	100	92459	82.61	ug/L	#	80
64) 1,2-dichloropropane	5.155	63	336144	74.97	ug/L		98
65) methylcyclohexane	5.142	83	530260	79.23	ug/L		97
66) dibromomethane	5.226	93	171772	79.79	ug/L		96
67) bromodichloromethane	5.341	83	416341	81.44	ug/L		96
68) cis-1,3-dichloropropene	5.681	75	543559	83.46	ug/L		97
69) epichlorohydrin	5.588	57	245194	418.98	ug/L		95
70) 4-methyl-2-pentanone	5.781	58	748282	301.37	ug/L		93
71) 3-methyl-1-butanol	5.803	70	166772	1585.53	ug/L		97
74) toluene	5.960	92	711071	80.99	ug/L		95
75) trans-1,3-dichloropropene	6.134	75	500222	79.63	ug/L		93
76) ethyl methacrylate	6.153	69	447236	76.62	ug/L		100
77) 1,1,2-trichloroethane	6.304	83	245432	78.53	ug/L		97
78) 2-hexanone	6.467	58	736122	286.55	ug/L		94
79) tetrachloroethene	6.397	166	303700	83.17	ug/L		98
80) 1,3-dichloropropane	6.445	76	463919	75.13	ug/L		97
81) butyl acetate	6.551	56	334812	79.78	ug/L		95
82) dibromochloromethane	6.638	129	301781	81.02	ug/L		95
83) 1,2-dibromoethane	6.750	107	306088	83.94	ug/L		95
84) n-butyl ether	7.225	57	1458269	75.80	ug/L		95
85) chlorobenzene	7.177	112	768074	83.95	ug/L		99
86) 1,1,1,2-tetrachloroethane	7.244	131	238036	73.08	ug/L		97
87) ethylbenzene	7.254	91	1151610	71.37	ug/L		96
88) m,p-xylene	7.366	106	953589	149.18	ug/L		95
89) o-xylene	7.722	106	486699	74.37	ug/L		95
90) butyl acrylate	7.642	55	876367	80.50	ug/L		98
91) styrene	7.738	104	768730	74.77	ug/L		98
92) bromoform	7.915	173	223230	81.55	ug/L		98
93) isopropylbenzene	8.056	105	1227226	74.67	ug/L		98
94) cis-1,4-dichloro-2-butene	8.110	88	158817	90.15	ug/L		92
97) bromobenzene	8.370	156	284436	88.60	ug/L		90
98) 1,1,2,2-tetrachloroethane	8.341	83	409721	87.69	ug/L		98
99) trans-1,4-dichloro-2-b...	8.383	53	135994	90.66	ug/L		98
100) 1,2,3-trichloropropane	8.406	110	107007	84.50	ug/L		95
101) n-propylbenzene	8.451	91	1320919	79.26	ug/L		96
102) 2-chlorotoluene	8.547	126	272512	85.76	ug/L		92
103) 4-chlorotoluene	8.662	126	261533	84.82	ug/L		98
104) 1,3,5-trimethylbenzene	8.621	105	943198	80.67	ug/L		98
105) tert-butylbenzene	8.925	119	819241	84.79	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355091.D
Acq On : 29 Apr 2023 9:15 pm
Operator : PrashanS
Sample : IC10779-100
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 01 12:40:51 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:39:46 2023
Response via : Initial Calibration

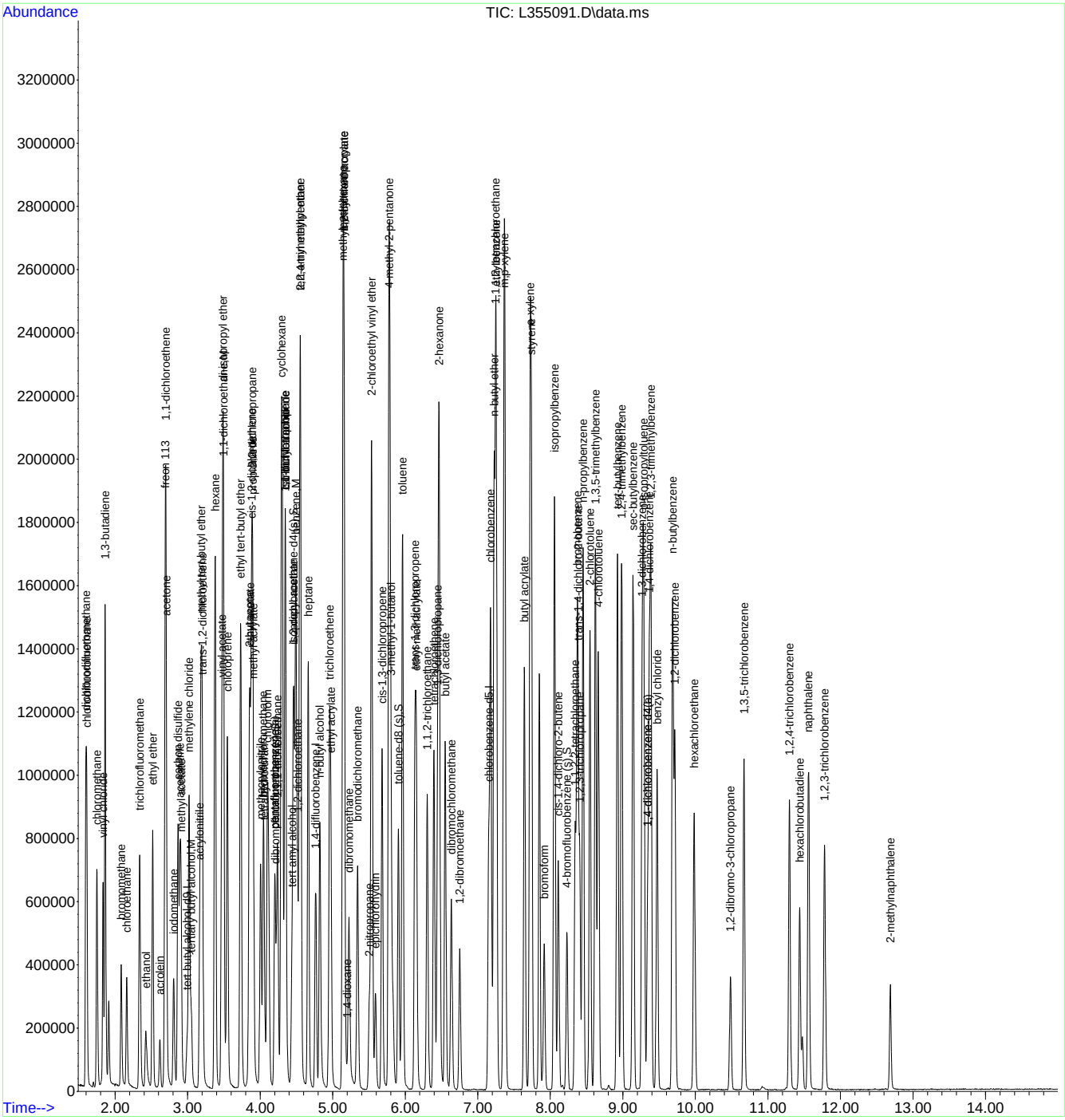
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.983	105	948864	81.28	ug/L	98
107) sec-butylbenzene	9.140	105	1178078	83.43	ug/L	99
108) 1,3-dichlorobenzene	9.266	146	506203	91.14	ug/L	99
109) p-isopropyltoluene	9.288	119	883585	80.39	ug/L	98
110) 1,4-dichlorobenzene	9.365	146	448615	88.69	ug/L	96
111) 1,2,3-trimethylbenzene	9.384	105	859163	80.95	ug/L	99
112) 1,2-dichlorobenzene	9.715	146	448768	86.98	ug/L	94
113) n-butylbenzene	9.686	92	488233	91.79	ug/L	98
114) 1,2-dibromo-3-chloropr...	10.482	157	100810	105.47	ug/L	97
115) 1,3,5-trichlorobenzene	10.671	180	341178	102.30	ug/L	97
116) 1,2,4-trichlorobenzene	11.297	180	292625	110.25	ug/L	95
117) hexachlorobutadiene	11.438	225	122419	96.62	ug/L	98
118) naphthalene	11.557	128	802423	109.36	ug/L	98
119) 1,2,3-trichlorobenzene	11.781	180	251464	110.71	ug/L	96
120) hexachloroethane	9.984	119	194166	95.86	ug/L	95
121) benzyl chloride	9.471	91	716741	89.75	ug/L	98
122) 2-methylnaphthalene	12.686	142	156981	54.69	ug/L	96

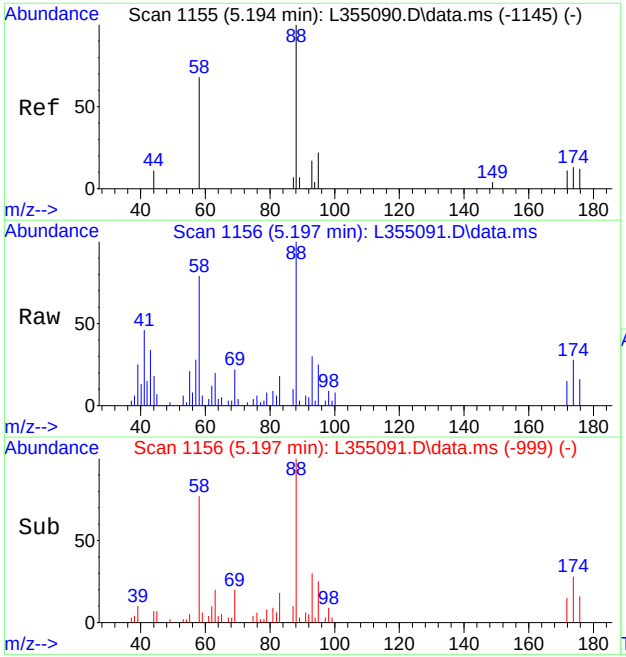
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355091.D
Acq On : 29 Apr 2023 9:15 pm
Operator : PrashanS
Sample : IC10779-100
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 01 12:40:51 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:39:46 2023
Response via : Initial Calibration

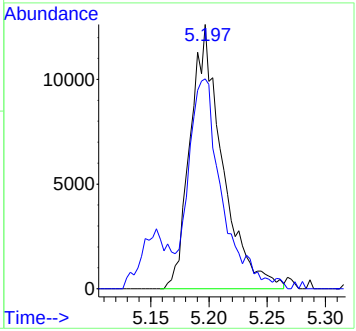


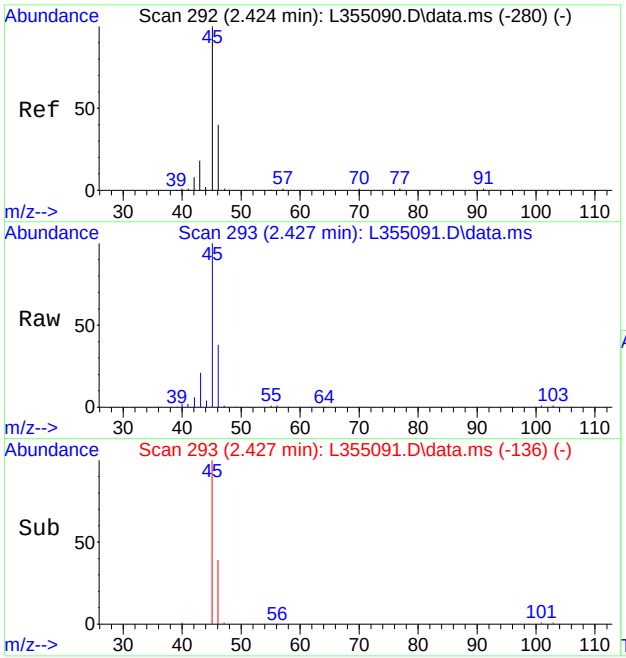


#2
1,4-dioxane
Concen: 2641.60 ug/L
RT: 5.197 min Scan# 1156
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 88 Resp: 24281

Ion	Ratio	Lower	Upper
88	100		
58	77.2	53.2	113.2

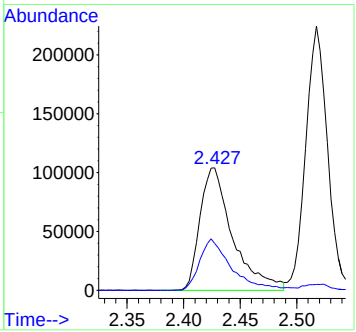


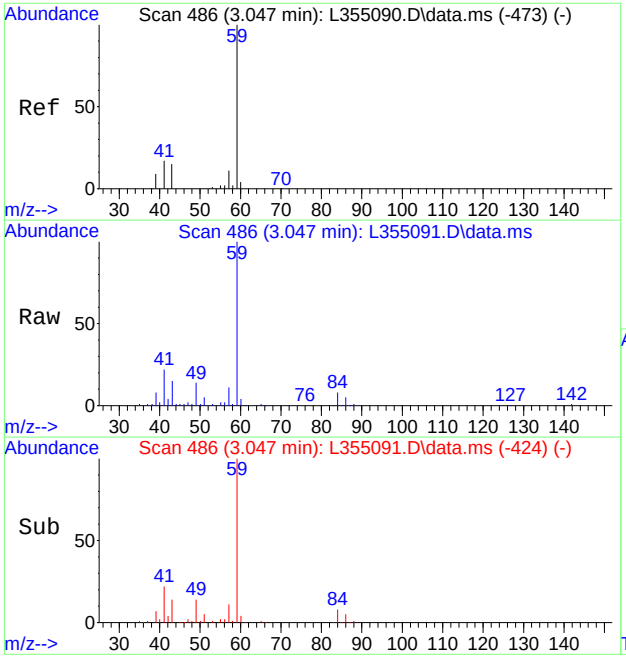


#3
ethanol
Concen: 8771.90 ug/L
RT: 2.427 min Scan# 293
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 45 Resp: 208717

Ion	Ratio	Lower	Upper
45	100		
46	38.3	20.0	60.0

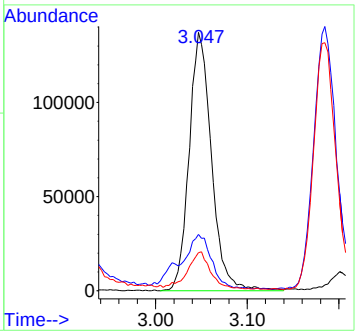


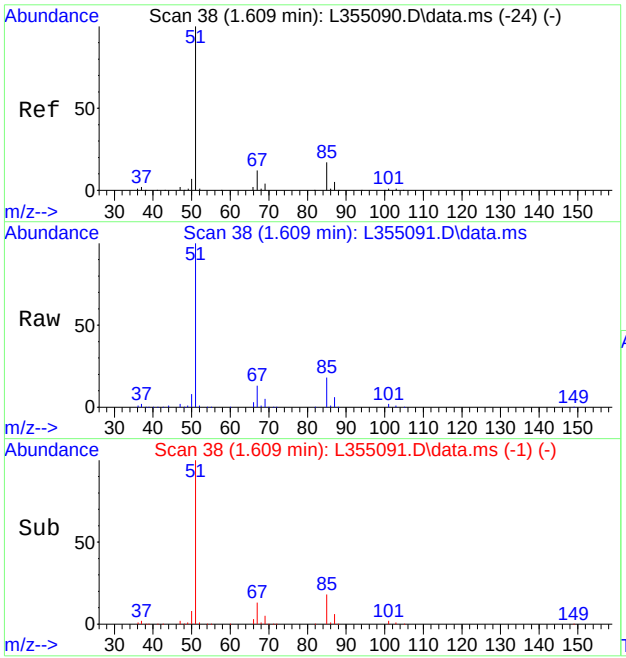


#4
tertiary butyl alcohol
Concen: 463.36 ug/L
RT: 3.047 min Scan# 486
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 59 Resp: 232780

Ion	Ratio	Lower	Upper
59	100		
41	20.8	0.0	47.4
43	14.4	0.0	44.8

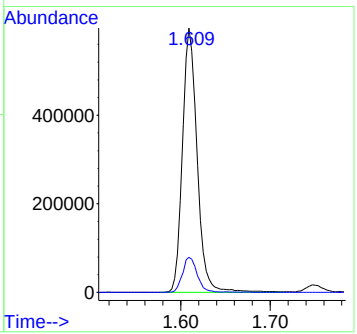


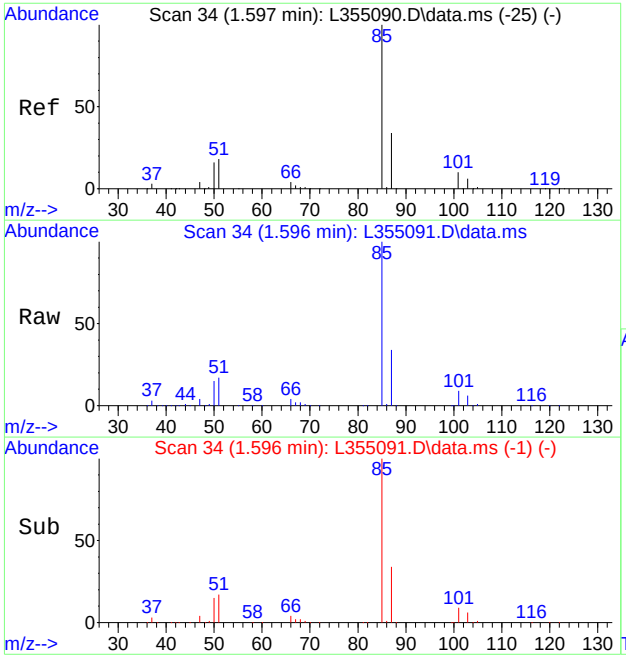


#6
chlorodifluoromethane
Concen: 87.13 ug/L
RT: 1.609 min Scan# 38
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 51 Resp: 682993

Ion	Ratio	Lower	Upper
51	100		
67	13.2	12.4	12.4#

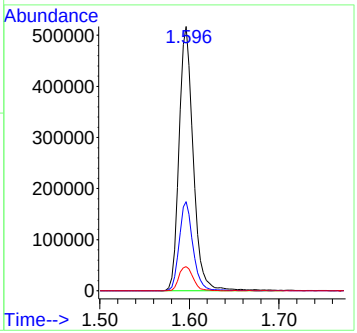


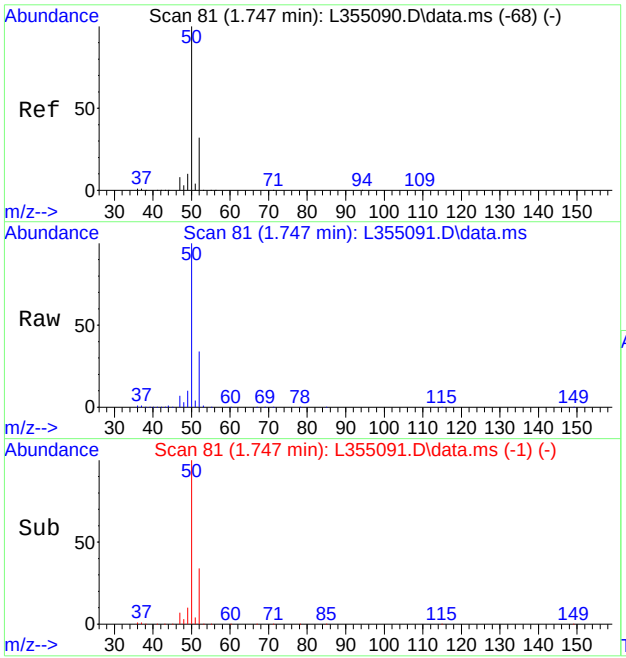


#7
dichlorodifluoromethane
Concen: 99.35 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 85 Resp: 568081

Ion	Ratio	Lower	Upper
85	100		
87	33.7	3.9	63.9
101	9.2	0.0	39.7

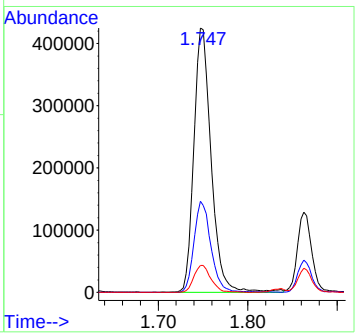


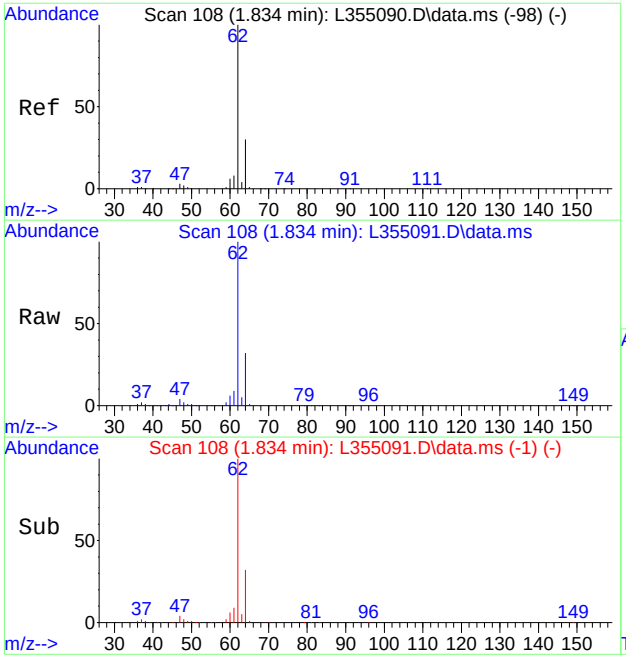


#8
chloromethane
Concen: 89.71 ug/L
RT: 1.747 min Scan# 81
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 50 Resp: 573206

Ion	Ratio	Lower	Upper
50	100		
52	34.5	1.7	61.7
49	10.2	0.0	40.1

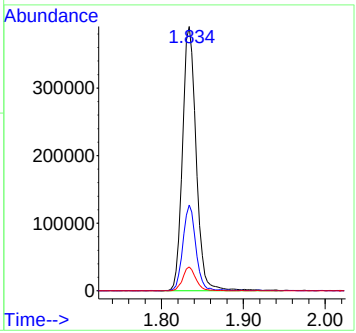


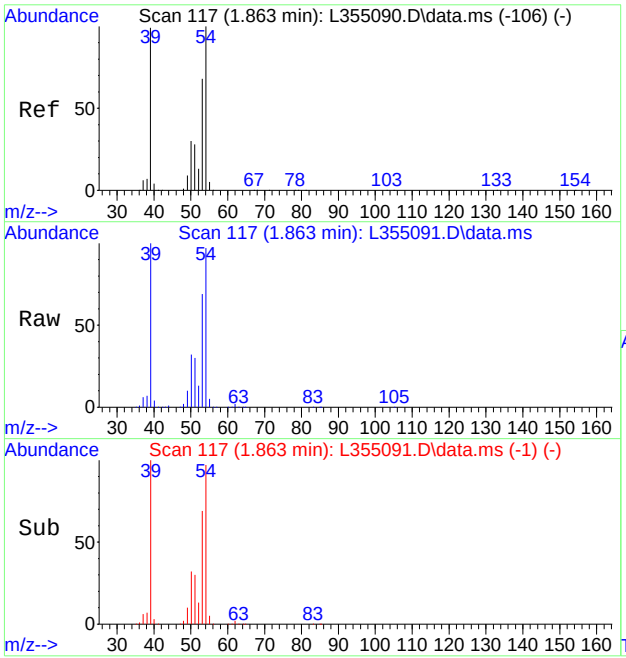


#9
vinyl chloride
Concen: 92.02 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 62 Resp: 453284

Ion	Ratio	Lower	Upper
62	100		
64	32.4	0.0	60.0
61	9.0	0.0	37.5

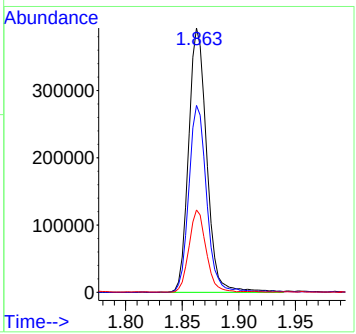


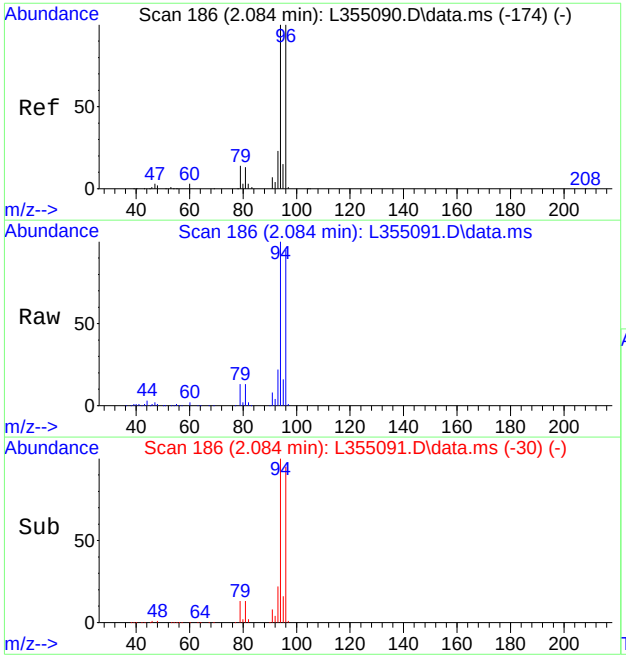


#10
1,3-butadiene
Concen: 78.88 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 54 Resp: 439278

Ion	Ratio	Lower	Upper
54	100		
53	70.6	38.4	98.4
51	31.0	0.0	57.9

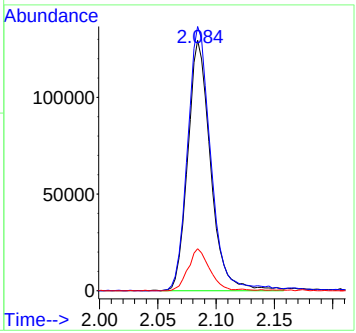


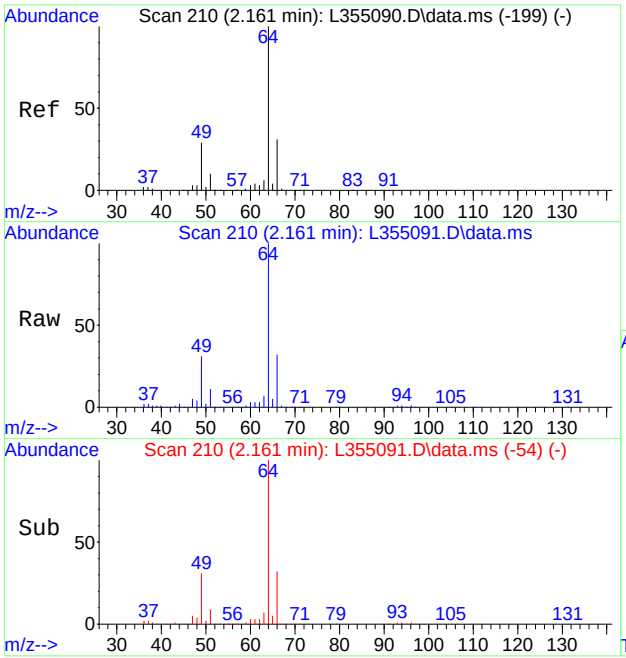


#11
bromomethane
Concen: 94.32 ug/L
RT: 2.084 min Scan# 186
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 96 Resp: 176591

Ion	Ratio	Lower	Upper
96	100		
94	105.5	70.4	130.4
95	16.8	0.0	44.4

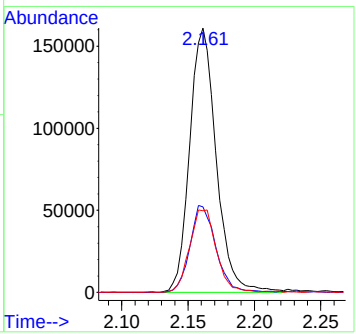


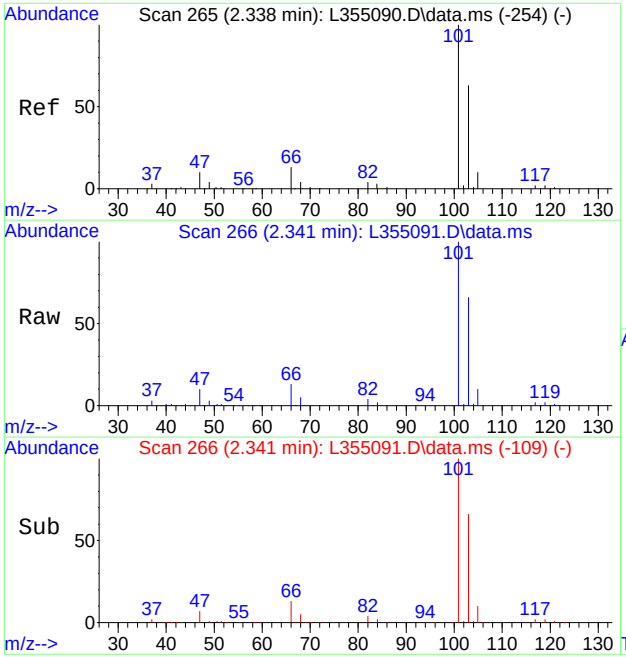


#12
chloroethane
Concen: 88.24 ug/L
RT: 2.161 min Scan# 210
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 64 Resp: 224602

Ion	Ratio	Lower	Upper
64	100		
66	32.4	1.3	61.3
49	30.8	0.0	58.9

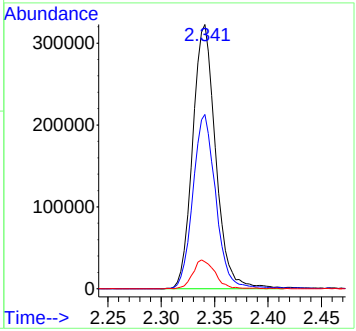


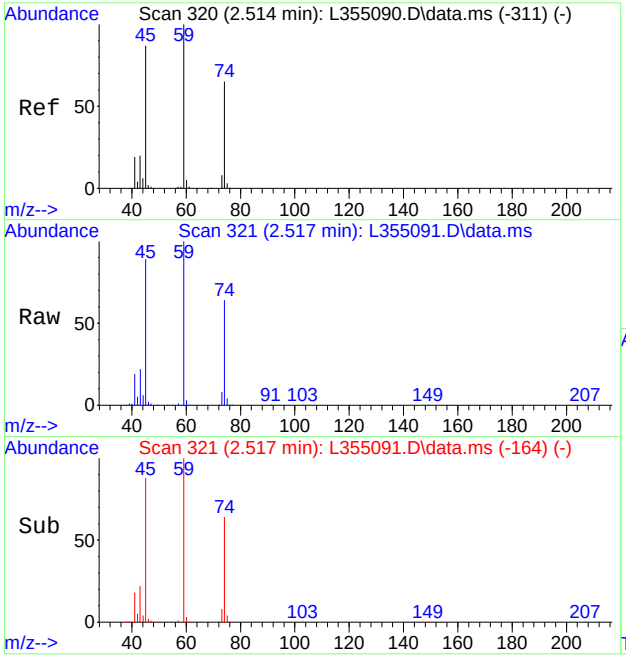


#13
trichlorofluoromethane
Concen: 93.69 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:101 Resp: 484010

Ion	Ratio	Lower	Upper
101	100		
103	65.9	32.9	92.9
105	10.1	0.0	40.4

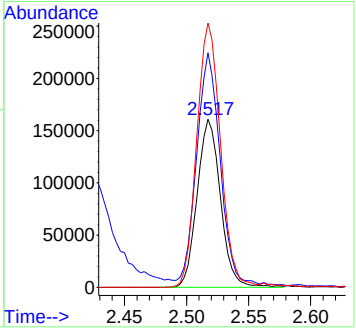


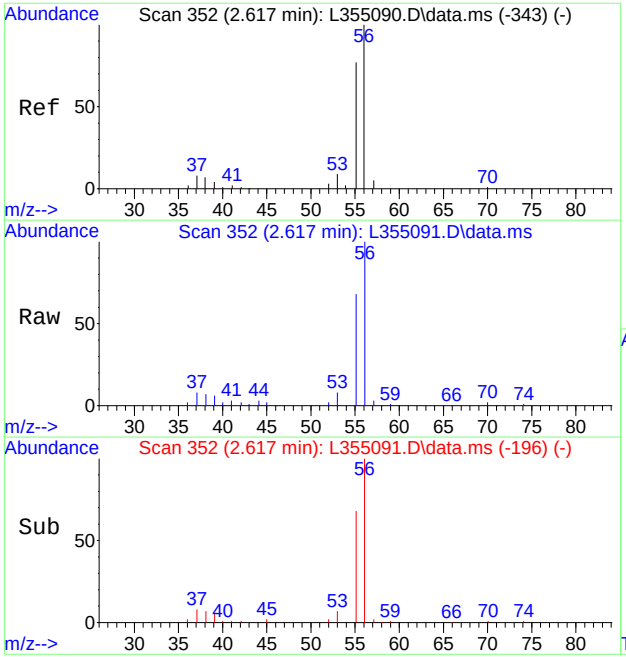


#14
ethyl ether
Concen: 92.61 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 74 Resp: 210776

Ion	Ratio	Lower	Upper
74	100		
45	137.9	108.0	168.0
59	157.2	124.3	184.3

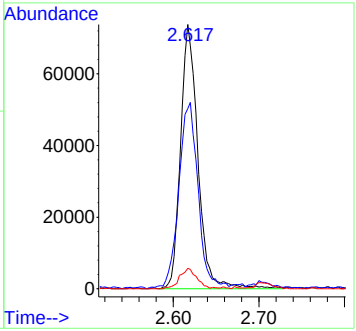


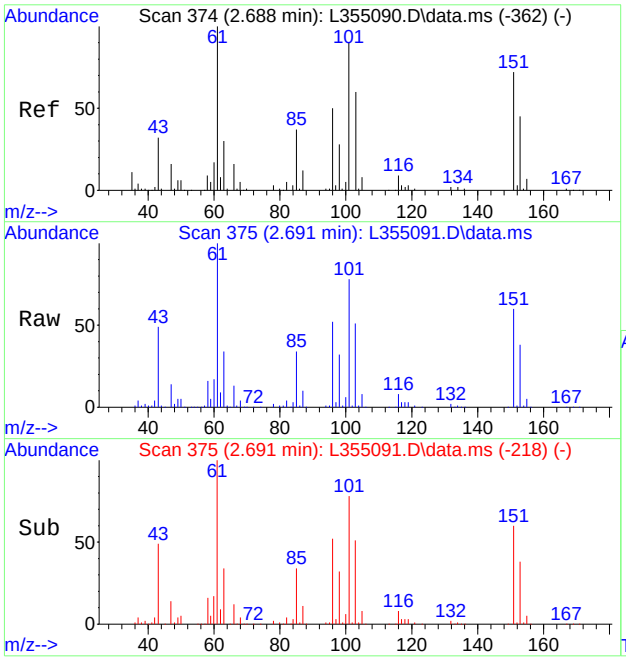


#15
acrolein
Concen: 92.50 ug/L
RT: 2.617 min Scan# 352
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 56 Resp: 104667

Ion	Ratio	Lower	Upper
56	100		
55	67.6	48.6	108.6
53	7.7	0.0	38.7

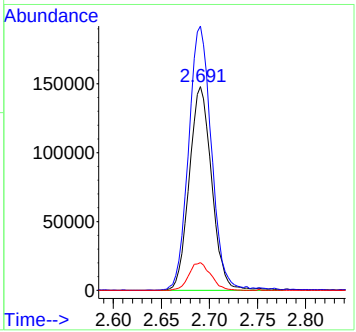


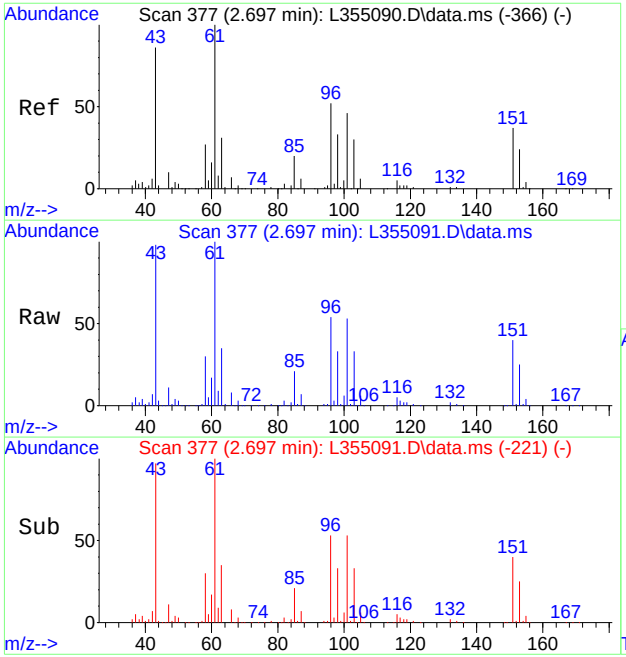


#16
freon 113
Concen: 85.81 ug/L
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:151 Resp: 241608

Ion	Ratio	Lower	Upper
151	100		
101	129.5	105.0	145.0
116	13.7	0.0	31.9

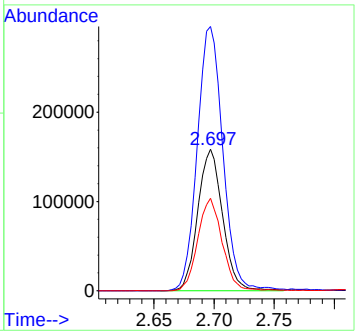


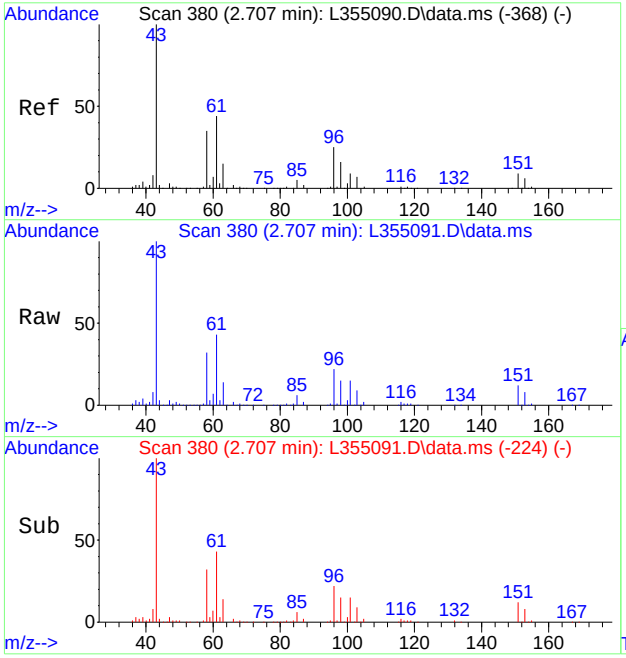


#17
1,1-dichloroethene
Concen: 83.13 ug/L
RT: 2.697 min Scan# 377
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 96 Resp: 227852

Ion	Ratio	Lower	Upper
96	100		
61	186.7	160.9	220.9
63	65.4	29.9	89.9

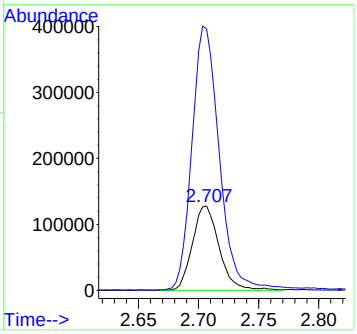


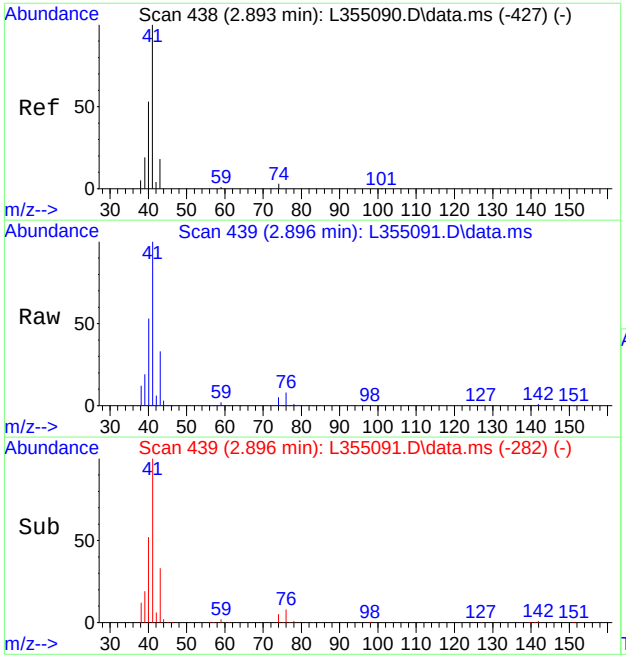


#18
acetone
Concen: 326.96 ug/L
RT: 2.707 min Scan# 380
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 58 Resp: 198900

Ion	Ratio	Lower	Upper
58	100		
43	308.8	253.7	313.7

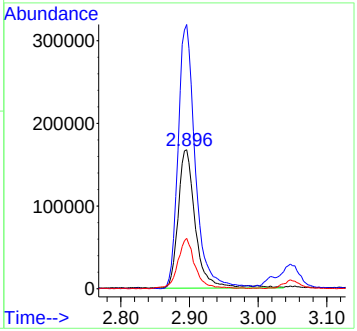


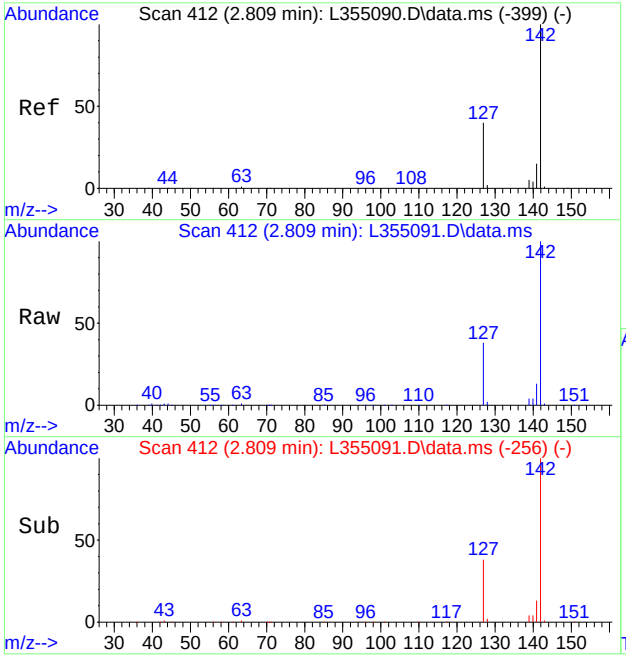


#19
acetonitrile
Concen: 829.91 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 40 Resp: 291769

Ion	Ratio	Lower	Upper
40	100		
41	191.4	156.9	216.9
39	35.3	5.5	65.5

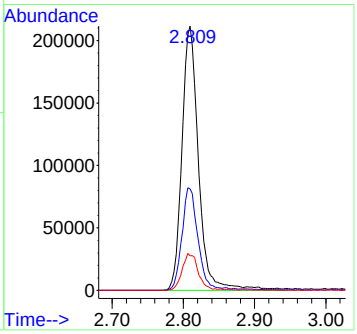


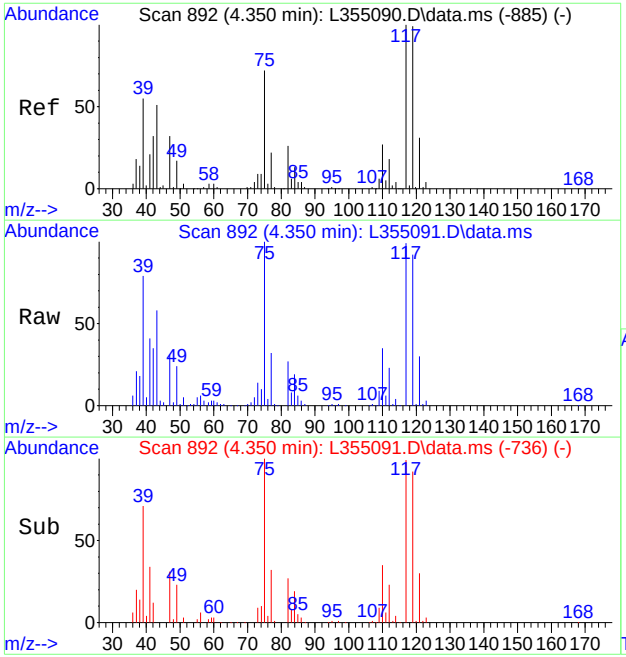


#20
iodomethane
Concen: 136.30 ug/L
RT: 2.809 min Scan# 412
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:142 Resp: 343524

Ion	Ratio	Lower	Upper
142	100		
127	38.3	9.8	69.8
141	13.1	0.0	45.4

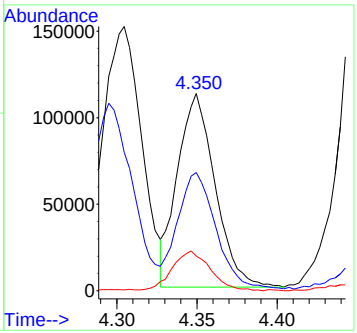


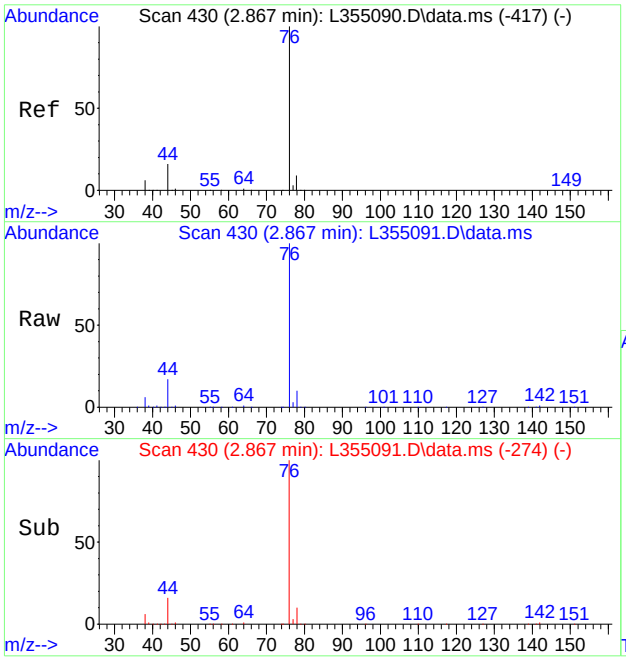


#21
iso-butyl alcohol
Concen: 804.63 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 43 Resp: 183356

Ion	Ratio	Lower	Upper
43	100		
42	60.2	26.5	86.5
74	18.0	0.0	48.2

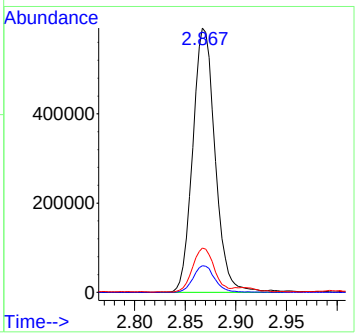


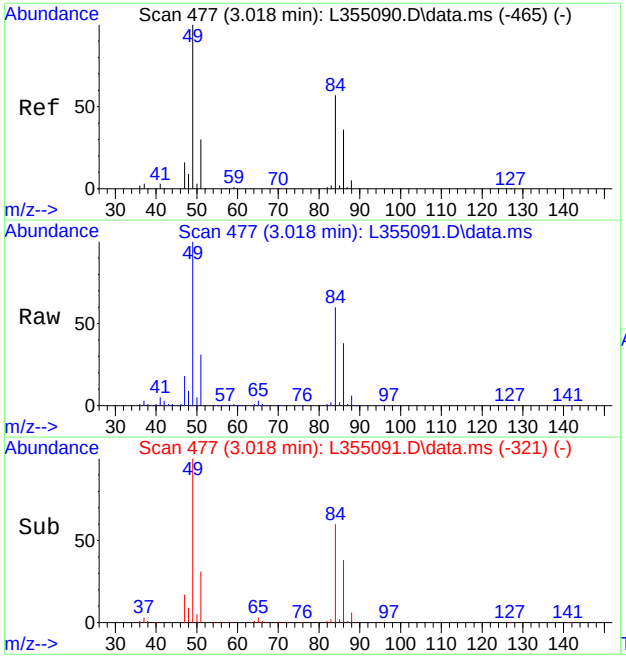


#22
carbon disulfide
Concen: 78.62 ug/L
RT: 2.867 min Scan# 430
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 76 Resp: 912109

Ion	Ratio	Lower	Upper
76	100		
78	10.1	0.0	39.1
44	16.5	0.0	45.8

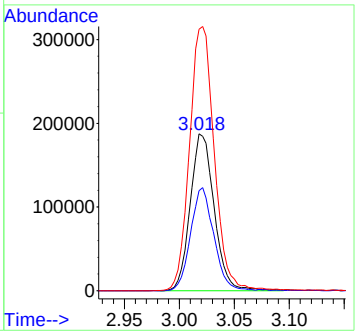


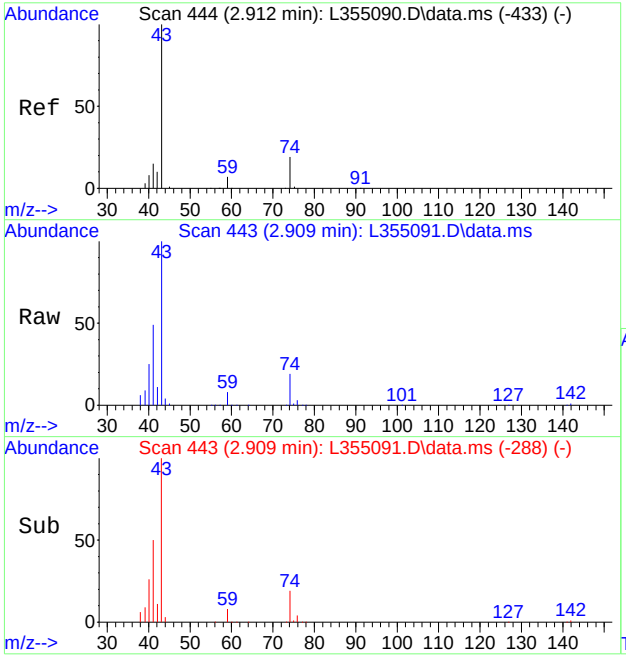


#23
methylene chloride
Concen: 84.71 ug/L
RT: 3.018 min Scan# 477
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 84 Resp: 284846

Ion	Ratio	Lower	Upper
84	100		
86	63.7	33.9	93.9
49	166.3	146.7	206.7

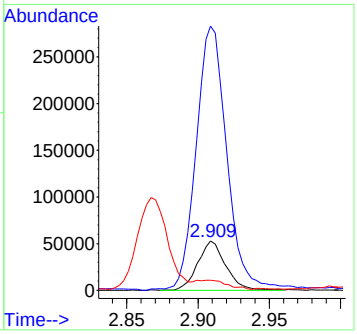


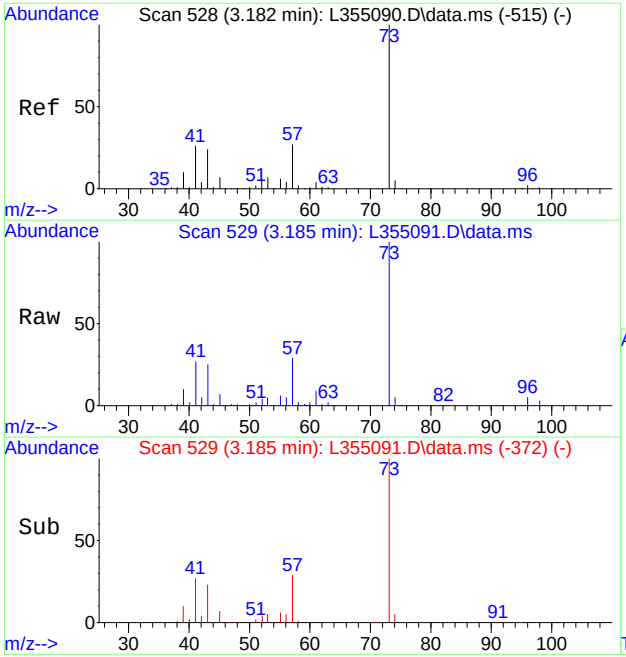


#24
methyl acetate
Concen: 86.19 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 74 Resp: 72338

Ion	Ratio	Lower	Upper
74	100		
43	531.5	495.9	555.9
44	18.1	0.0	47.9

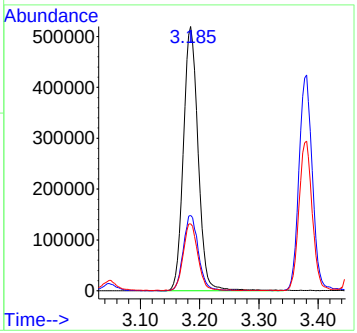


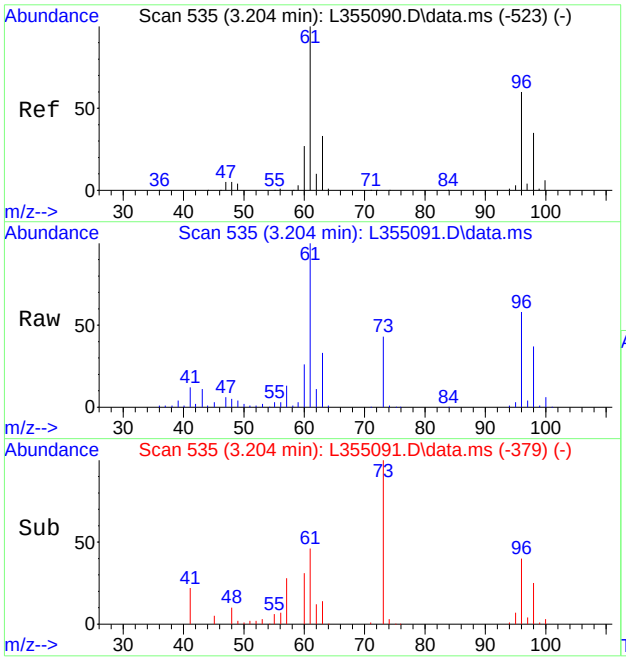


#25
methyl tert butyl ether
Concen: 81.84 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 73 Resp: 896993

Ion	Ratio	Lower	Upper
73	100		
57	28.5	0.0	57.4
43	25.2	0.0	54.2

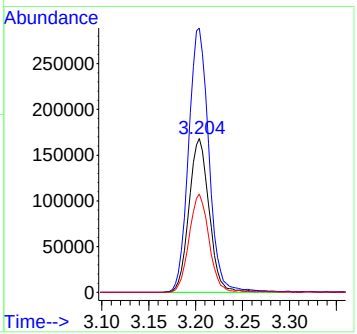


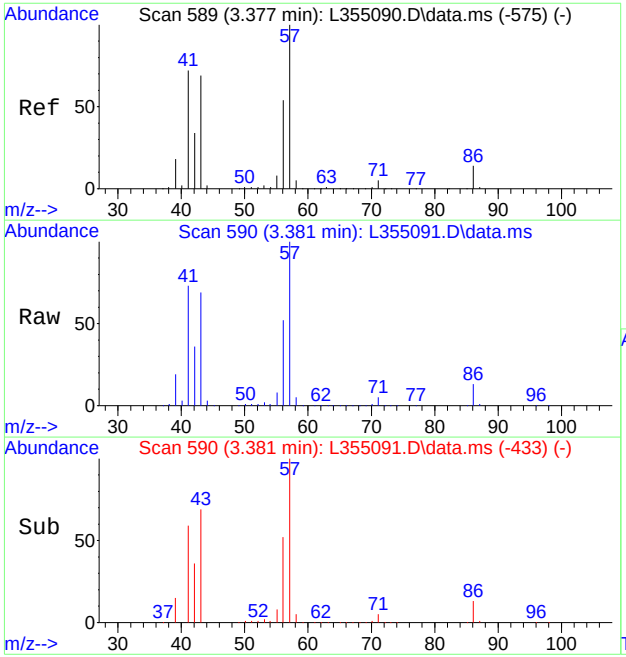


#26
trans-1,2-dichloroethene
Concen: 80.08 ug/L
RT: 3.204 min Scan# 535
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 96 Resp: 253326

Ion	Ratio	Lower	Upper
96	100		
61	171.9	136.4	196.4
98	64.0	28.2	88.2

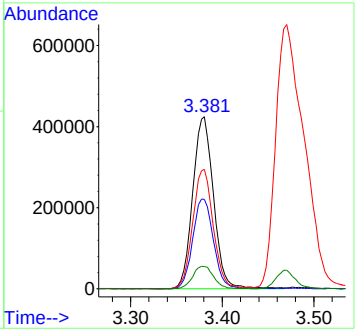


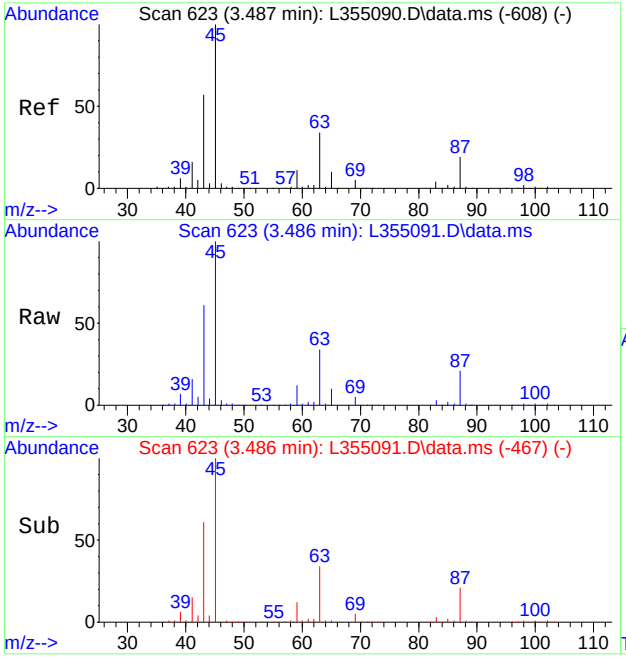


#27
hexane
Concen: 81.21 ug/L
RT: 3.381 min Scan# 590
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 57 Resp: 669346

Ion	Ratio	Lower	Upper
57	100		
56	51.9	33.8	73.8
43	69.2	49.1	89.1
86	13.0	0.0	34.3

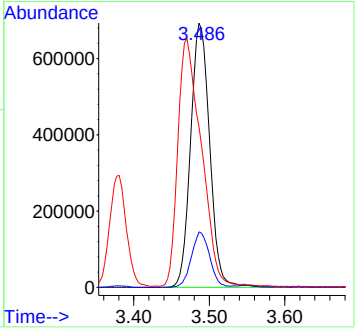


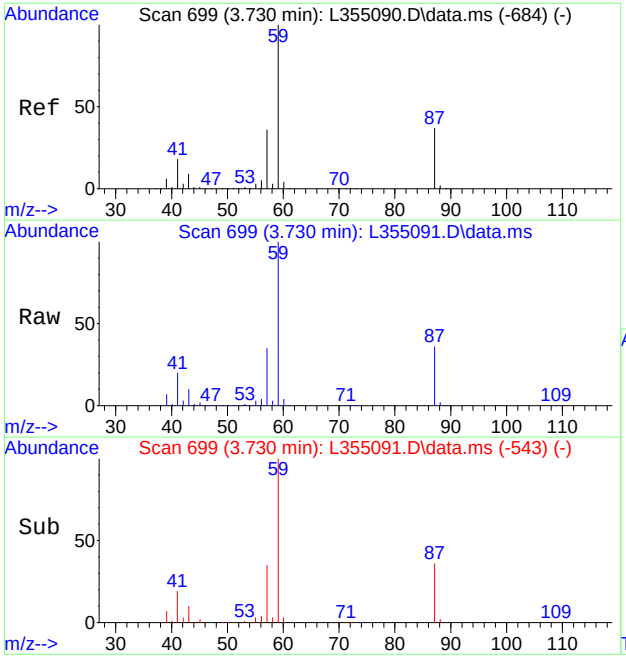


#28
di-isopropyl ether
Concen: 72.12 ug/L
RT: 3.486 min Scan# 623
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 45 Resp: 1221081

Ion	Ratio	Lower	Upper
45	100		
87	21.0	0.0	49.3
43	60.4	27.4	87.4

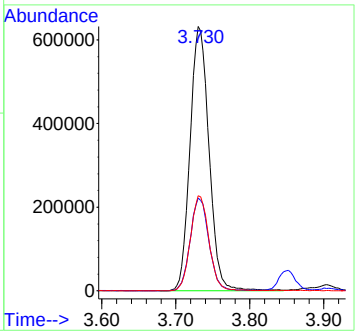


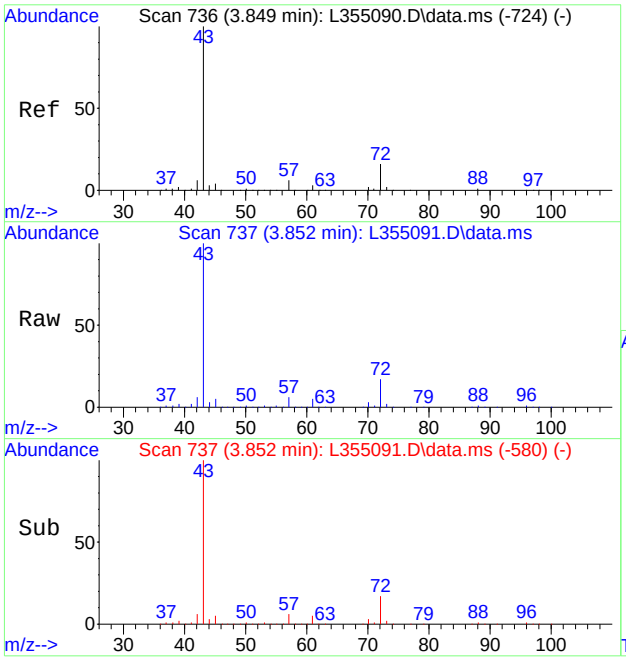


#29
ethyl tert-butyl ether
Concen: 80.69 ug/L
RT: 3.730 min Scan# 699
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 59 Resp: 1125989

Ion	Ratio	Lower	Upper
59	100		
57	35.1	5.9	65.9
87	35.9	6.7	66.7

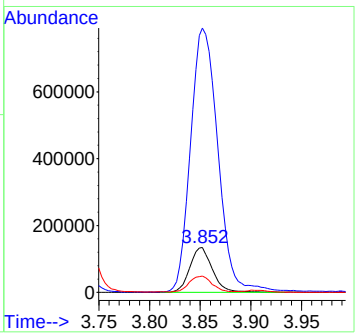


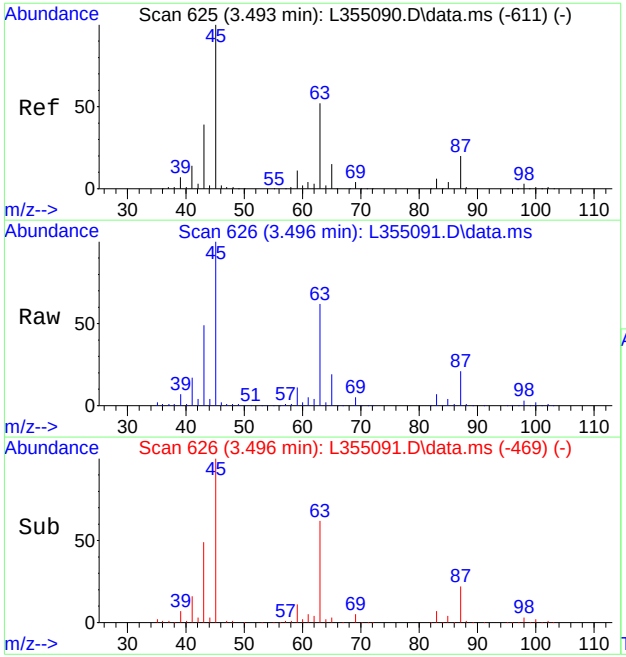


#30
2-butanone
Concen: 360.65 ug/L
RT: 3.852 min Scan# 737
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 72 Resp: 209185

Ion	Ratio	Lower	Upper
72	100		
43	588.6	604.7	664.7#
57	35.9	10.0	70.0

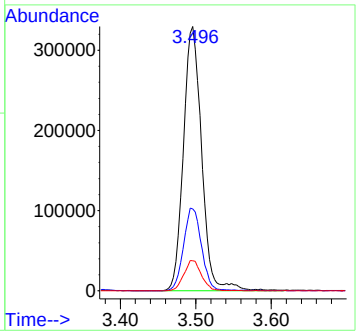


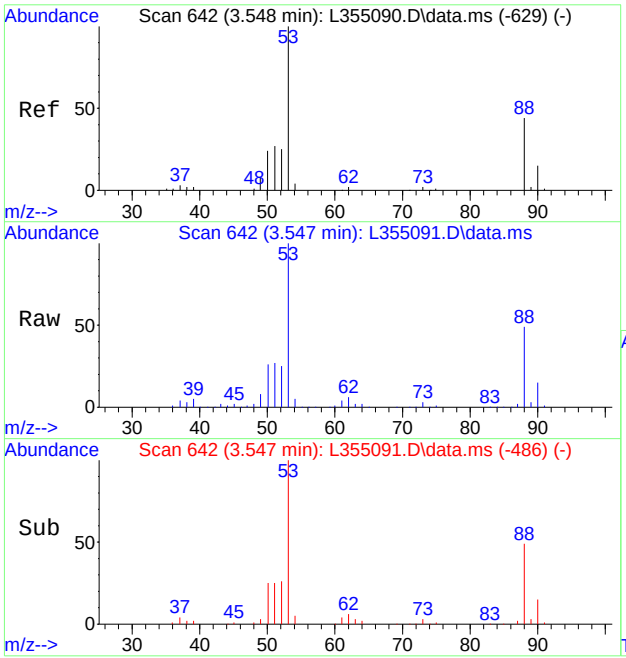


#31
1,1-dichloroethane
Concen: 77.50 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 63 Resp: 554791

Ion	Ratio	Lower	Upper
63	100		
65	31.0	0.0	59.0
83	11.3	0.0	41.4

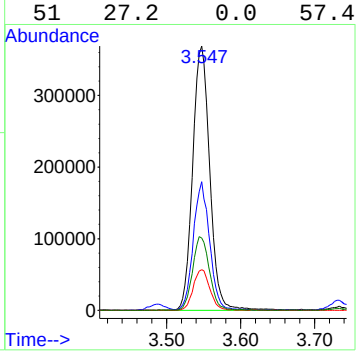


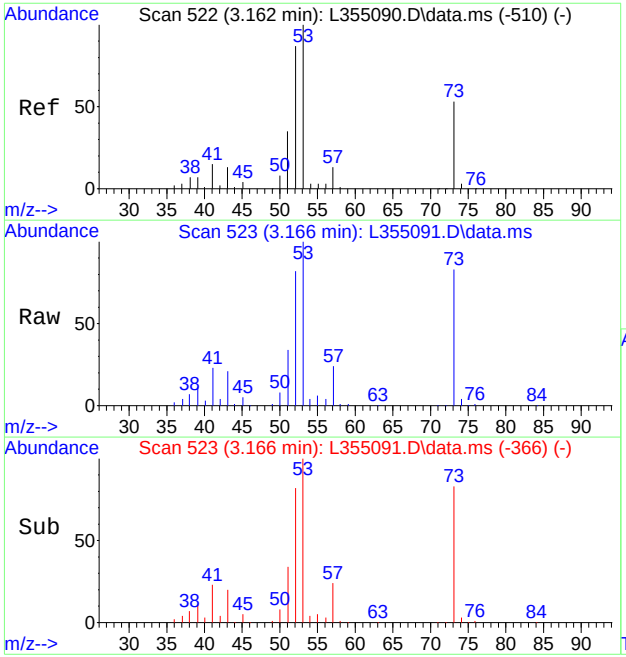


#32
chloroprene
Concen: 80.34 ug/L
RT: 3.547 min Scan# 642
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 53 Resp: 593549

Ion	Ratio	Lower	Upper
53	100		
88	48.6	14.5	74.5
90	15.4	0.0	45.2
51	27.2	0.0	57.4

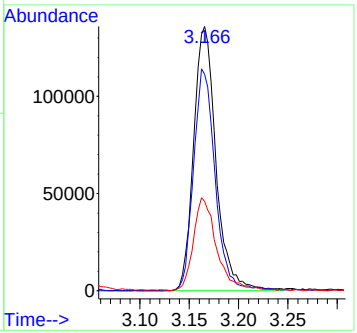


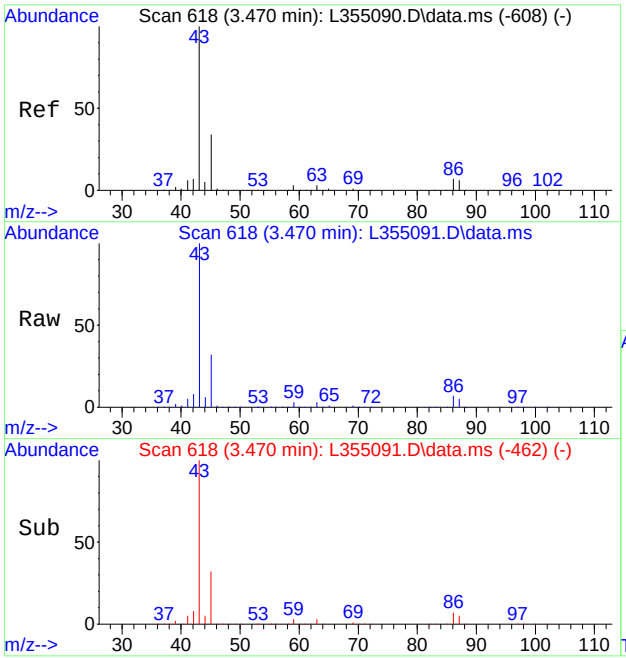


#33
acrylonitrile
Concen: 91.13 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 53 Resp: 214802

Ion	Ratio	Lower	Upper
53	100		
52	81.9	57.3	117.3
51	33.5	5.3	65.3

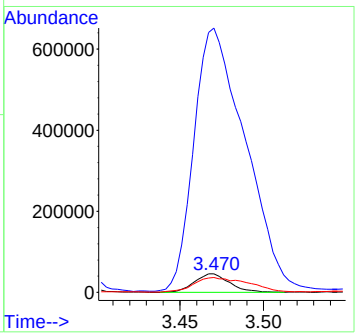


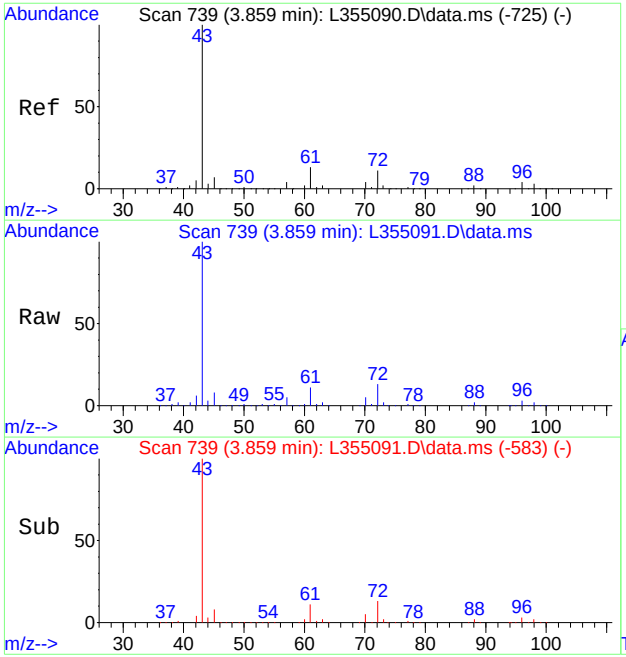


#34
vinyl acetate
Concen: 83.30 ug/L
RT: 3.470 min Scan# 618
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 86 Resp: 66033

Ion	Ratio	Lower	Upper
86	100		
43	1417.8	1461.6	1521.6#
44	78.3	45.2	105.2

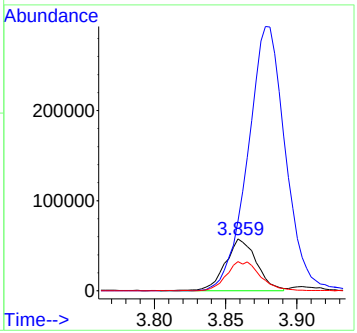


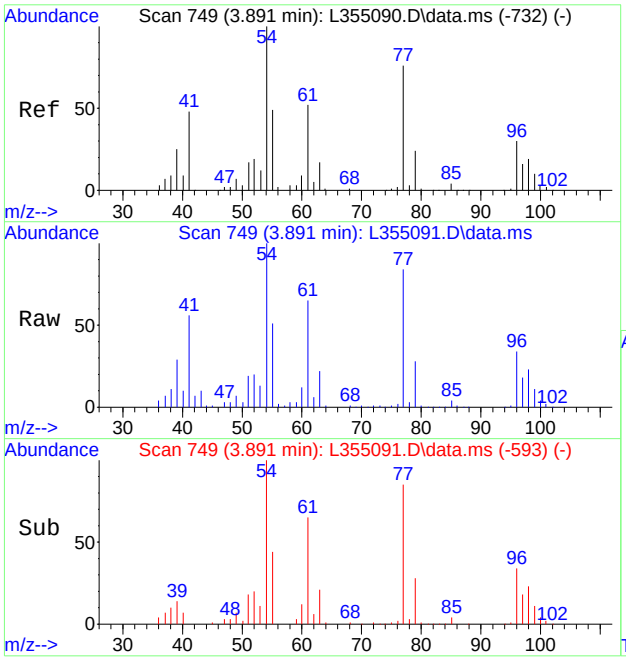


#35
ethyl acetate
Concen: 83.19 ug/L
RT: 3.859 min Scan# 739
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 45 Resp: 86843

Ion	Ratio	Lower	Upper
45	100		
61	134.9	146.7	206.7#
70	56.1	27.4	87.4

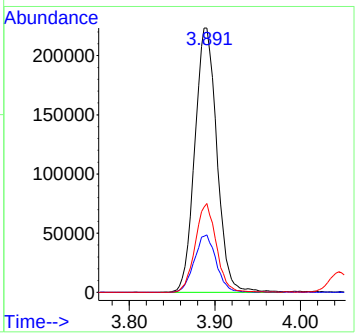


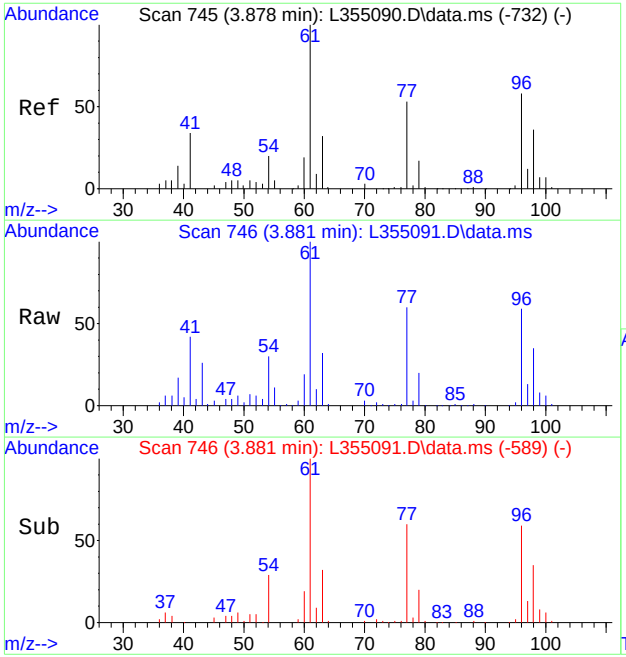


#36
2,2-dichloropropane
Concen: 74.94 ug/L
RT: 3.891 min Scan# 749
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 77 Resp: 401080

Ion	Ratio	Lower	Upper
77	100		
97	21.7	0.0	51.0
79	33.6	1.4	61.4

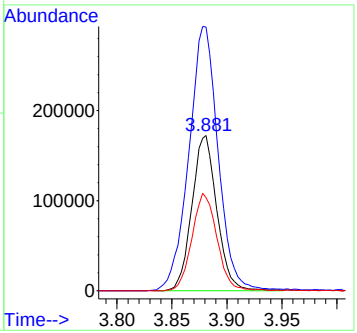


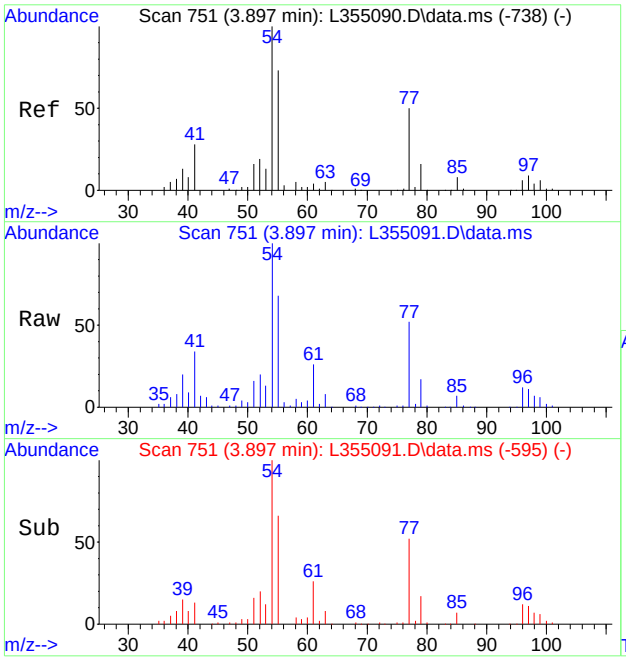


#37
cis-1,2-dichloroethene
Concen: 79.50 ug/L
RT: 3.881 min Scan# 746
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 96 Resp: 272514

Ion	Ratio	Lower	Upper
96	100		
61	169.2	141.8	201.8
98	60.0	32.2	92.2

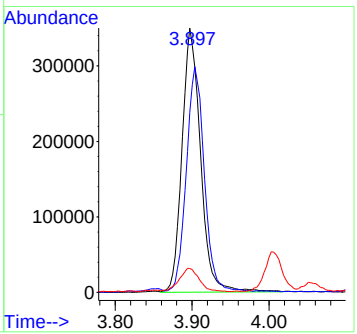


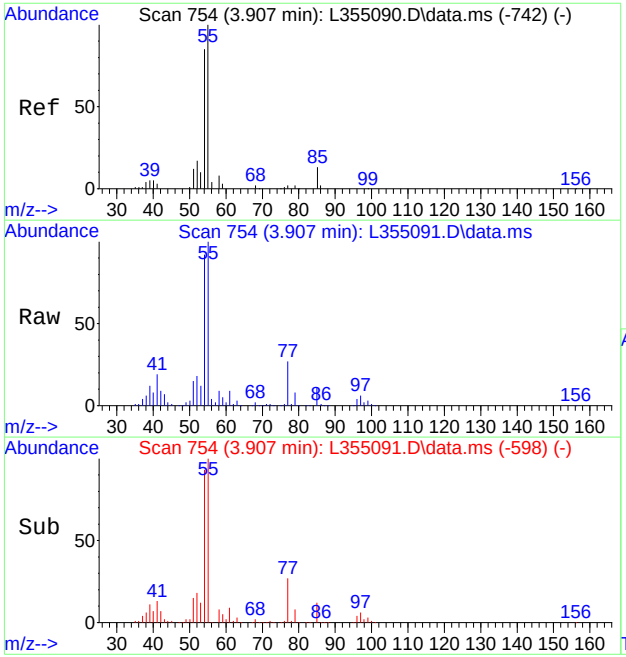


#38
propionitrile
Concen: 738.28 ug/L
RT: 3.897 min Scan# 751
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 54 Resp: 583862

Ion	Ratio	Lower	Upper
54	100		
55	67.8	43.2	103.2
40	8.4	0.0	38.0

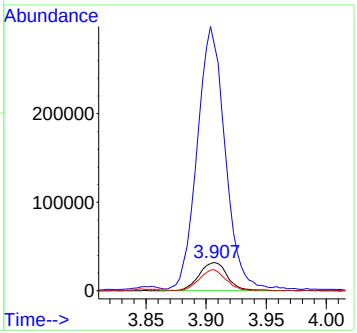


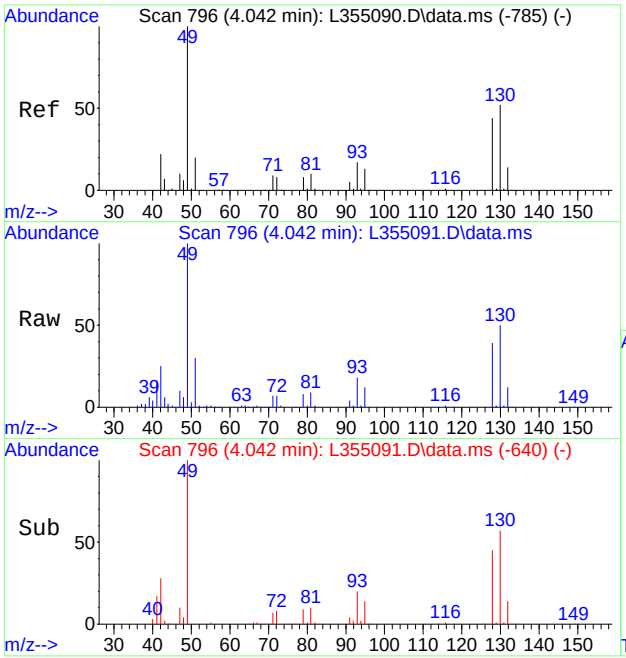


#39
methyl acrylate
Concen: 80.71 ug/L
RT: 3.907 min Scan# 754
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 85 Resp: 52921

Ion	Ratio	Lower	Upper
85	100		
55	865.4	762.7	802.7#
58	73.3	40.5	80.5

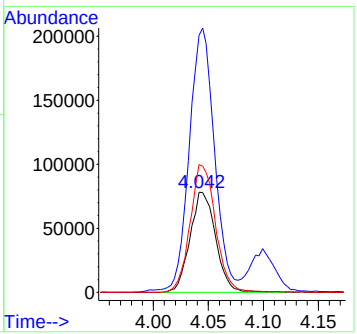


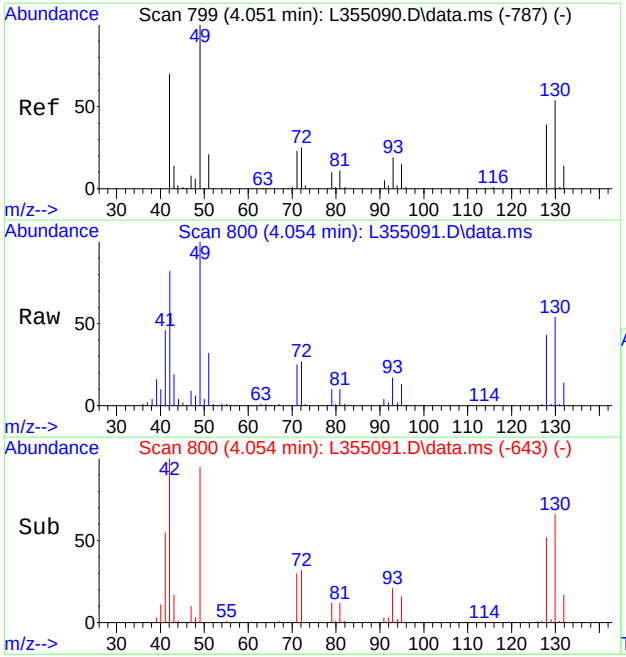


#40
bromochloromethane
Concen: 82.66 ug/L
RT: 4.042 min Scan# 796
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:128 Resp: 127159

Ion	Ratio	Lower	Upper
128	100		
49	254.3	196.9	256.9
130	127.9	87.7	147.7

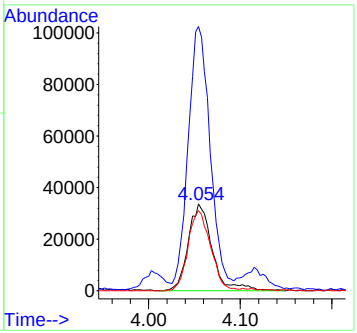


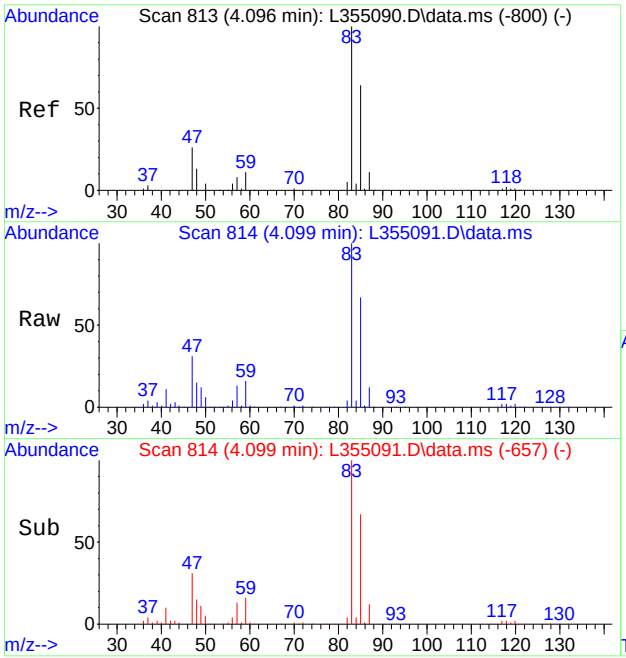


#41
tetrahydrofuran
Concen: 91.39 ug/L
RT: 4.054 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 72 Resp: 61396

Ion	Ratio	Lower	Upper
72	100		
42	302.1	246.3	306.3
71	92.3	61.6	121.6

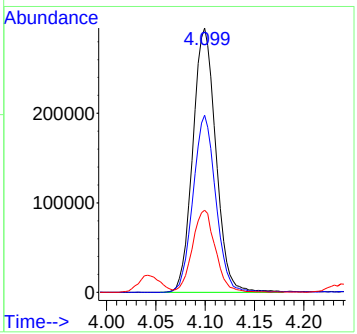


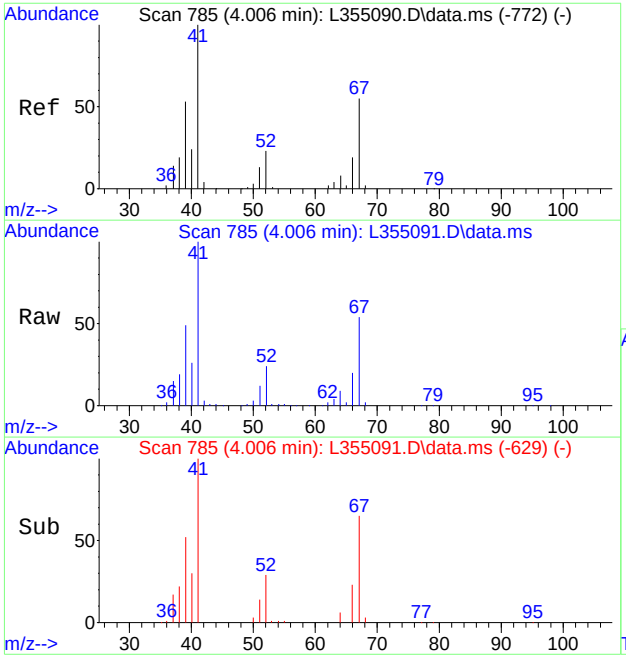


#42
chloroform
Concen: 76.76 ug/L
RT: 4.099 min Scan# 814
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 83 Resp: 480754

Ion	Ratio	Lower	Upper
83	100		
85	67.0	34.3	94.3
47	31.0	0.0	59.3

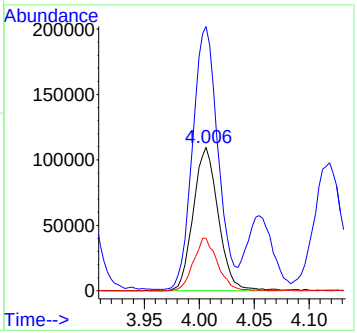


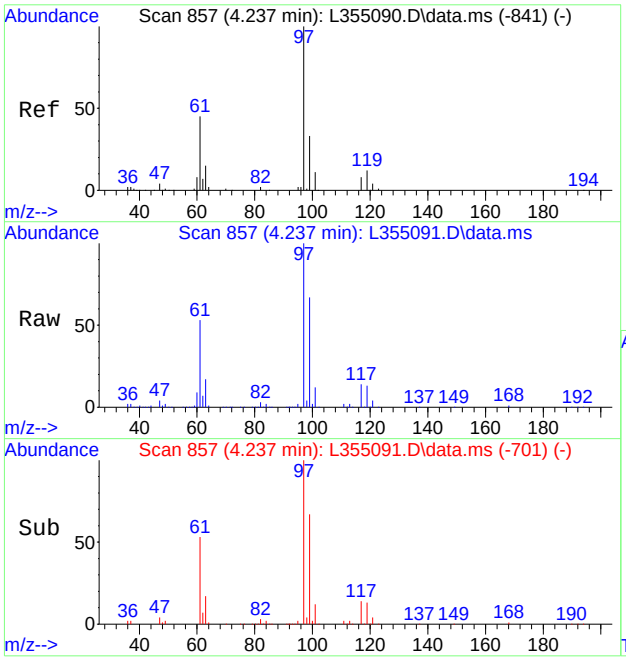


#44
methacrylonitrile
Concen: 86.69 ug/L
RT: 4.006 min Scan# 785
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 67 Resp: 173816

Ion	Ratio	Lower	Upper
67	100		
41	183.1	150.2	210.2
66	36.6	3.6	63.6

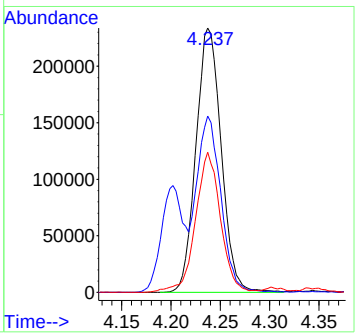


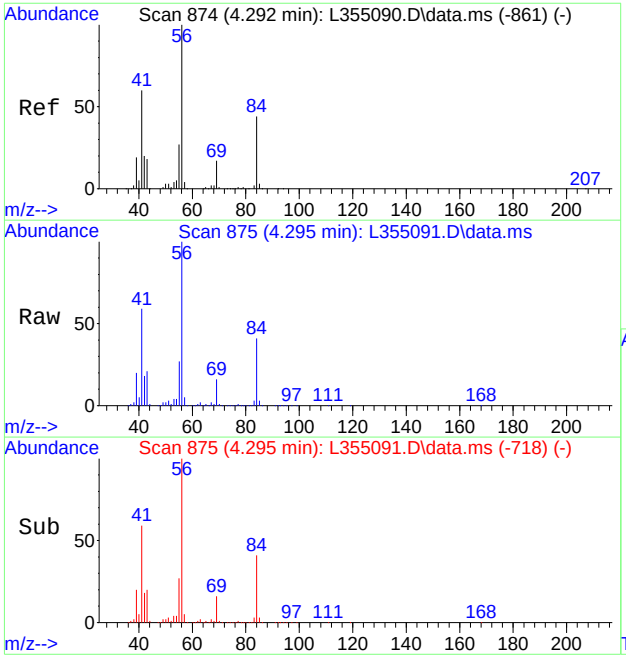


#45
1,1,1-trichloroethane
Concen: 91.25 ug/L
RT: 4.237 min Scan# 857
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 97 Resp: 417128

Ion	Ratio	Lower	Upper
97	100		
99	66.5	33.3	93.3
61	51.8	14.9	74.9

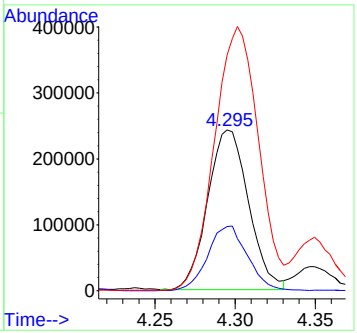


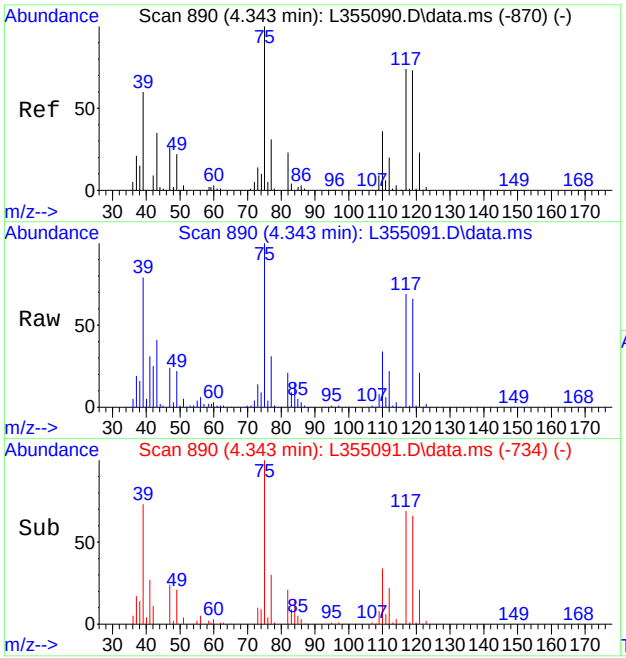


#46
cyclohexane
Concen: 83.71 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 84 Resp: 429675

Ion	Ratio	Lower	Upper
84	100		
69	40.0	17.8	57.8
41	147.2	116.7	156.7

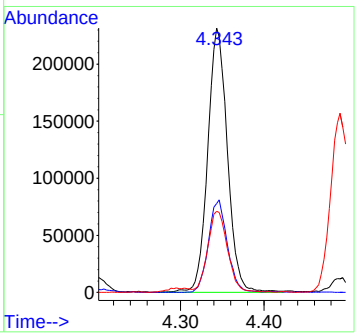


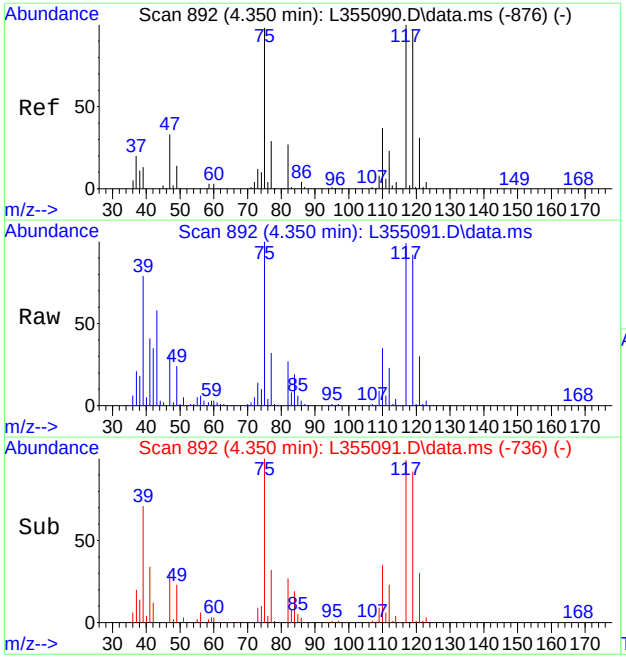


#47
1,1-dichloropropene
Concen: 83.77 ug/L
RT: 4.343 min Scan# 890
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 75 Resp: 378978

Ion	Ratio	Lower	Upper
75	100		
110	33.6	15.8	55.8
77	30.4	11.6	51.6

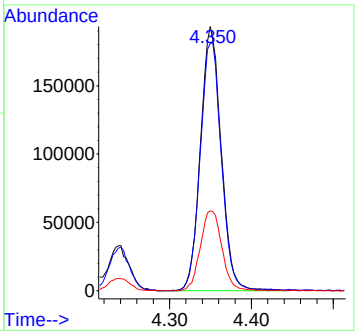


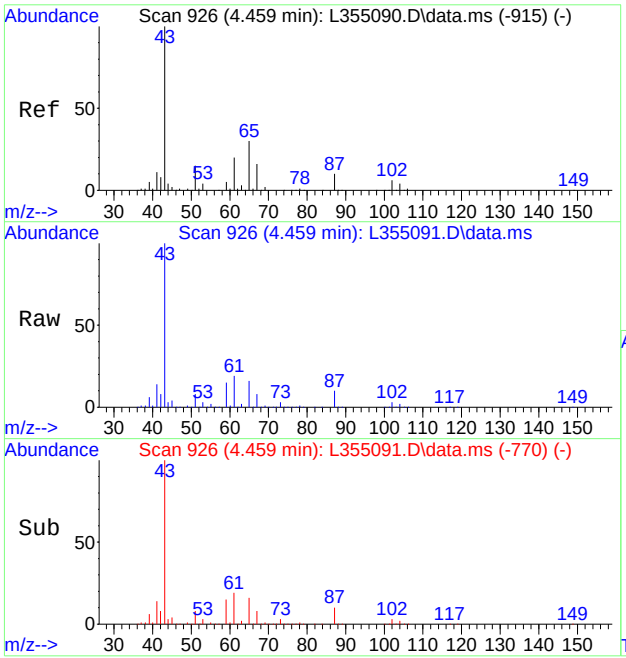


#48
carbon tetrachloride
Concen: 82.15 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:117 Resp: 339805

Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.1	117.1
121	30.2	11.1	51.1

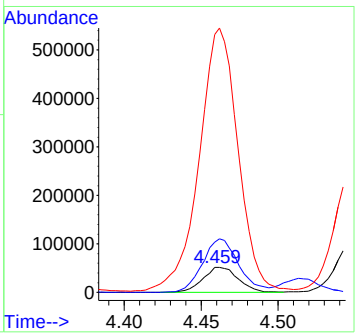


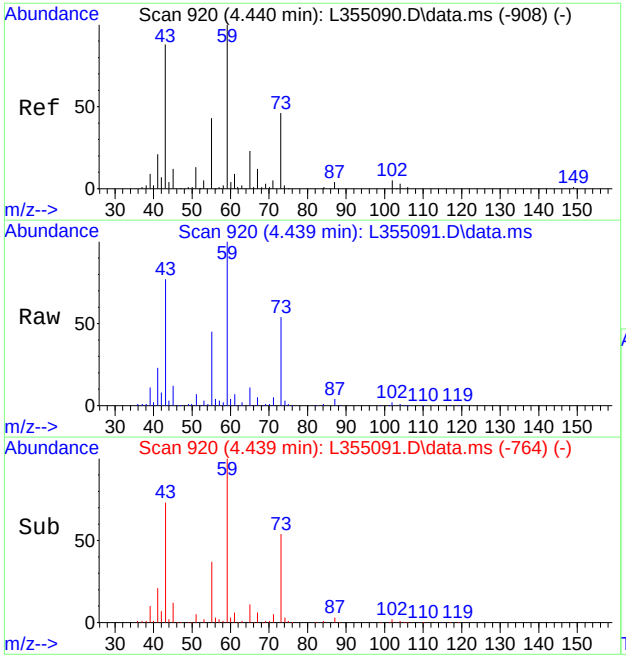


#49
isopropyl acetate
Concen: 88.10 ug/L
RT: 4.459 min Scan# 926
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 87 Resp: 82868

Ion	Ratio	Lower	Upper
87	100		
61	199.7	185.6	225.6
43	1013.3	1029.1	1089.1#

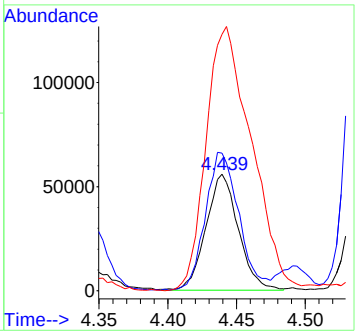


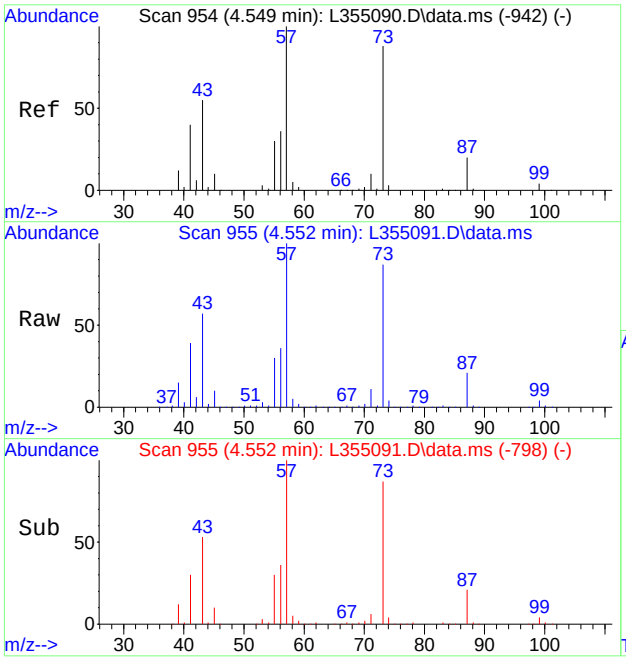


#50
tert amyl alcohol
Concen: 442.84 ug/L
RT: 4.439 min Scan# 920
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 55 Resp: 91567

Ion	Ratio	Lower	Upper
55	100		
73	119.0	87.0	127.0
59	222.2	211.2	251.2

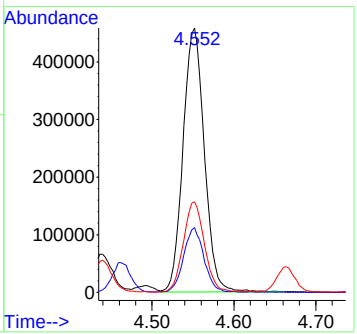


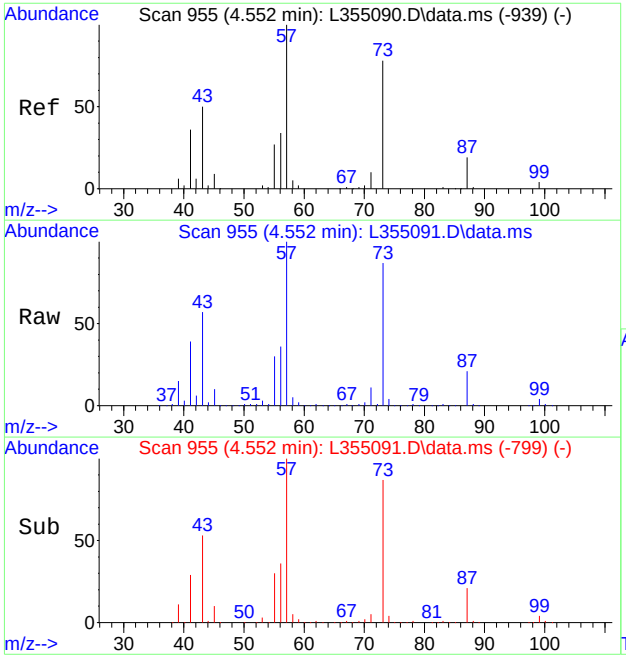


#53
tert-amyl methyl ether
Concen: 73.93 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 73 Resp: 827600

Ion	Ratio	Lower	Upper
73	100		
87	24.5	2.5	42.5
55	34.1	14.1	54.1

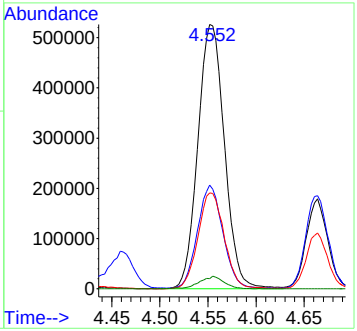


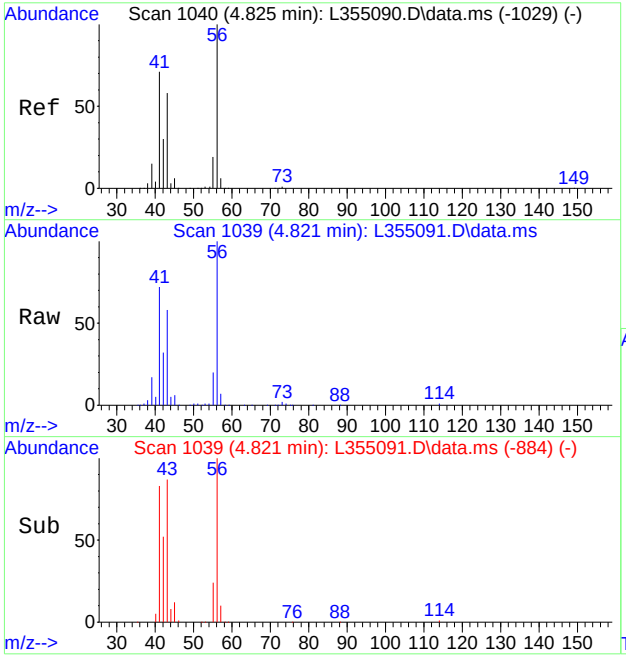


#54
2,2,4-trimethylpentane
Concen: 69.67 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 57 Resp: 1014139

Ion	Ratio	Lower	Upper
57	100		
41	38.9	15.5	55.5
56	36.2	14.0	54.0
99	3.8	0.0	24.5

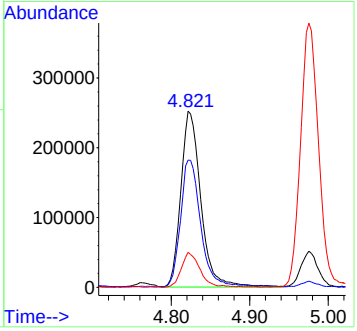


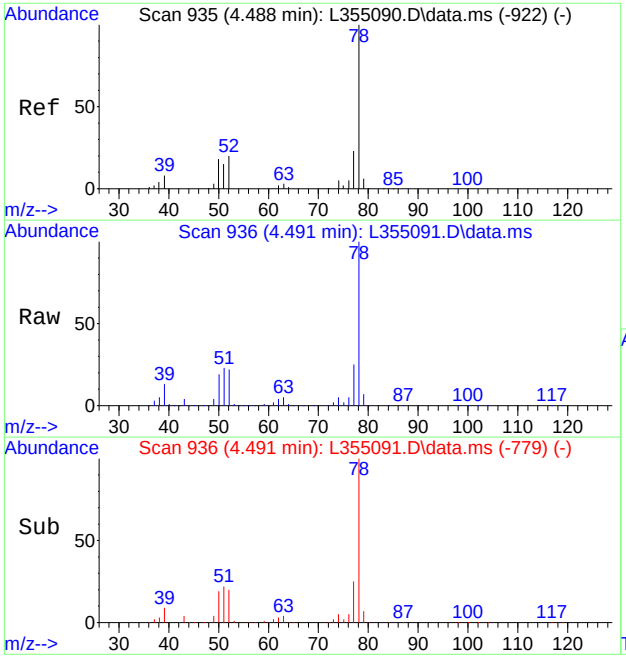


#55
n-butyl alcohol
Concen: 4559.10 ug/L
RT: 4.821 min Scan# 1039
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 56 Resp: 447751

Ion	Ratio	Lower	Upper
56	100		
41	72.1	40.6	100.6
55	19.7	0.0	48.8

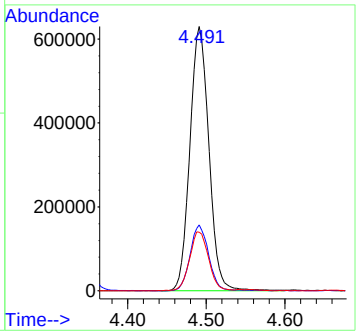


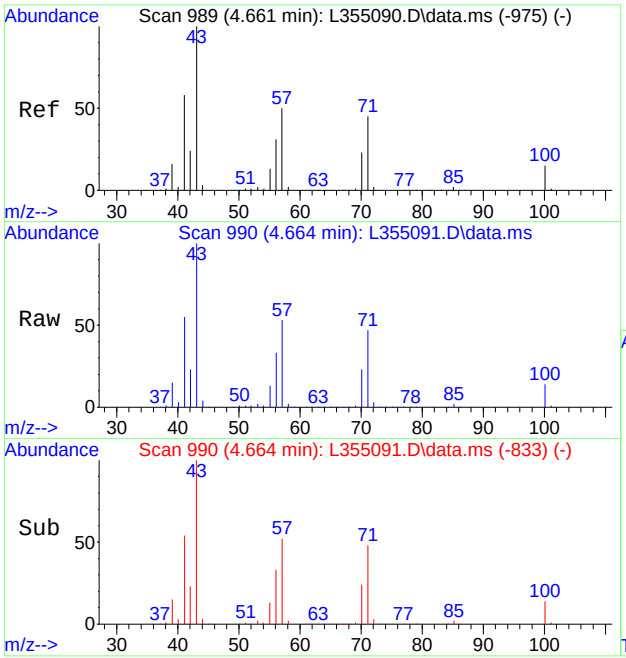


#56
benzene
Concen: 75.51 ug/L
RT: 4.491 min Scan# 936
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 78 Resp: 1059911

Ion	Ratio	Lower	Upper
78	100		
77	24.9	0.0	53.0
52	22.1	0.0	50.0

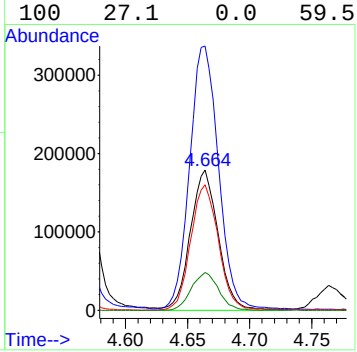


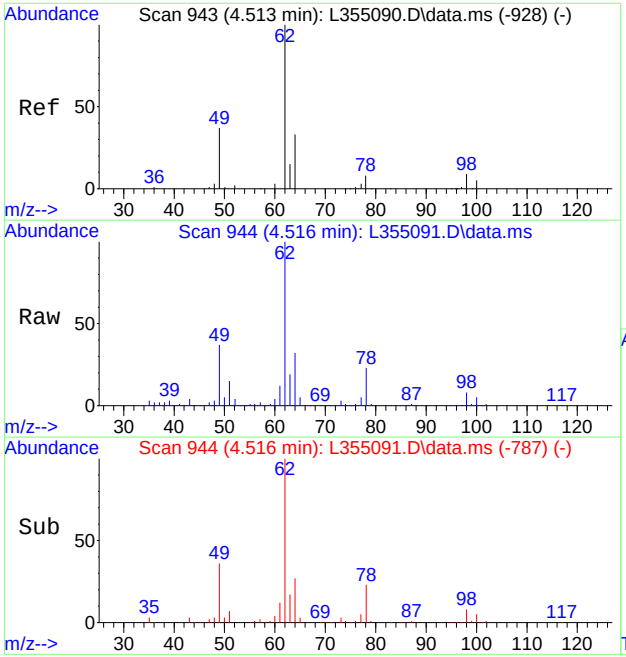


#57
heptane
Concen: 84.23 ug/L
RT: 4.664 min Scan# 990
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 57 Resp: 279907

Ion	Ratio	Lower	Upper
57	100		
43	187.9	170.1	230.1
71	89.4	59.7	119.7
100	27.1	0.0	59.5

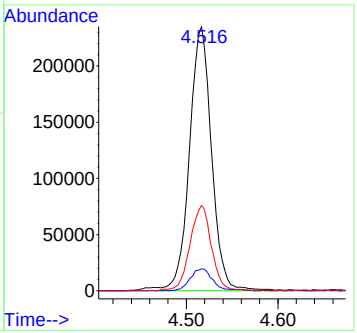


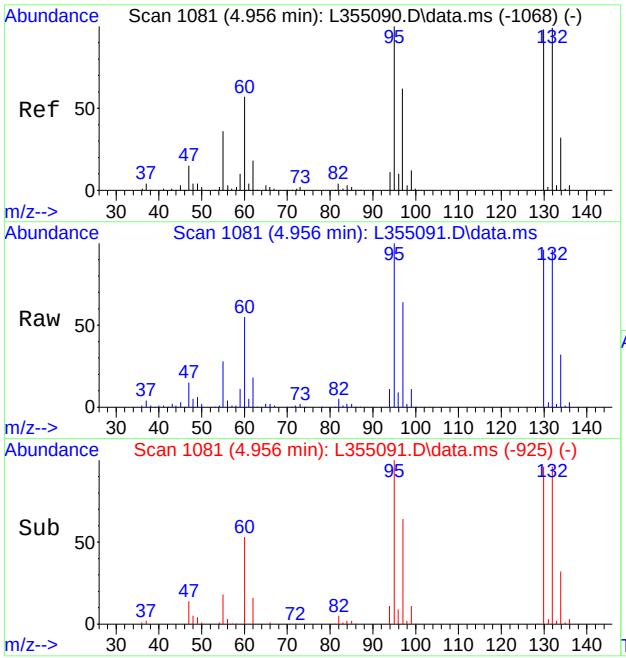


#58
1,2-dichloroethane
Concen: 76.16 ug/L
RT: 4.516 min Scan# 944
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 62 Resp: 393438

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	39.1
64	32.4	2.9	62.9

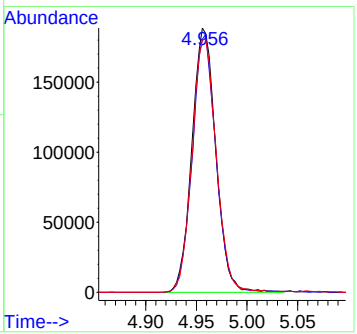


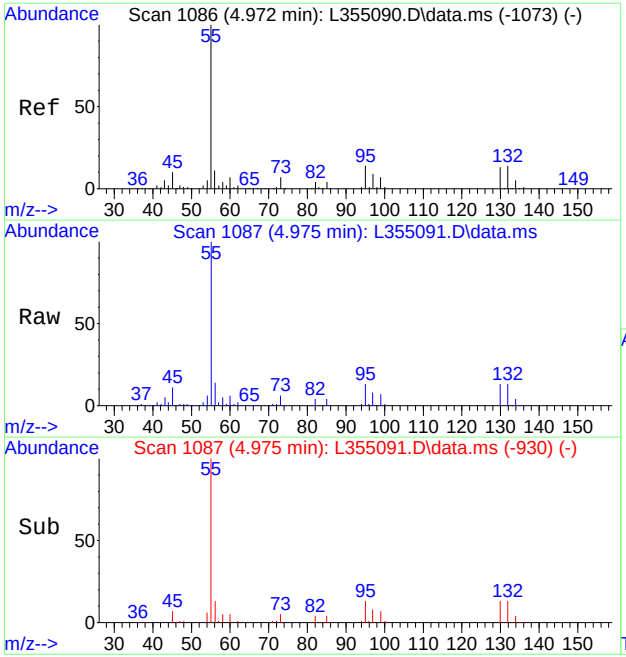


#59
trichloroethene
Concen: 86.03 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 95 Resp: 310939

Ion	Ratio	Lower	Upper
95	100		
130	95.7	68.4	128.4
132	95.6	68.7	128.7

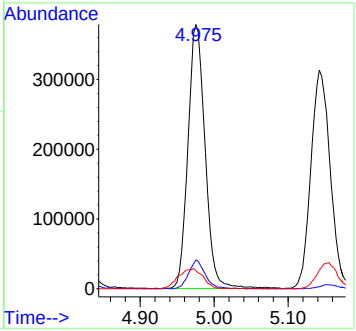


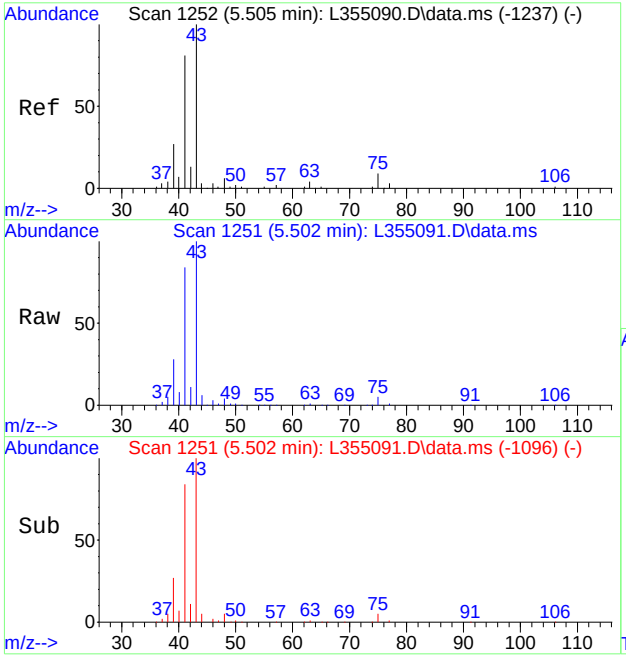


#60
ethyl acrylate
Concen: 79.85 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 55 Resp: 606794

Ion	Ratio	Lower	Upper
55	100		
45	10.9	0.0	30.3
99	6.8	0.0	27.2

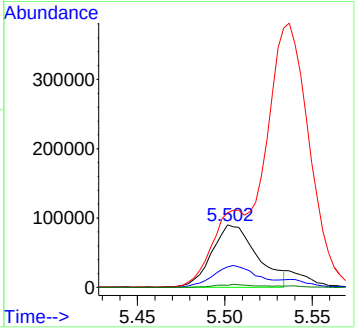


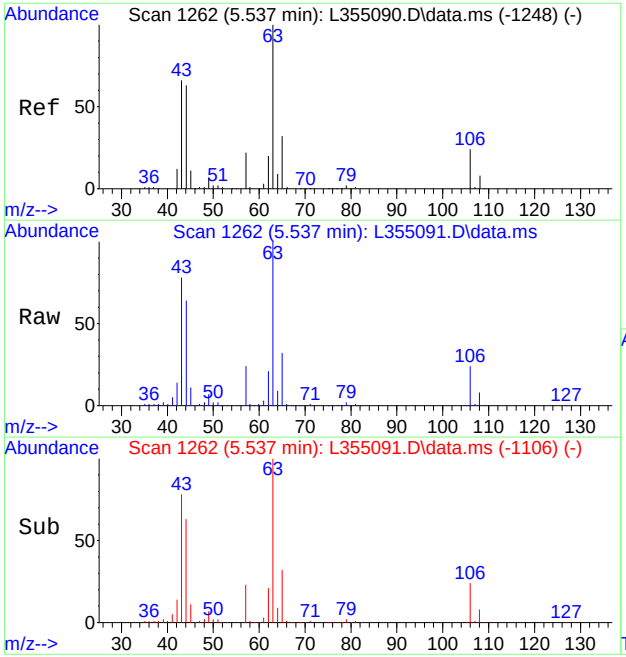


#61
2-nitropropane
Concen: 92.08 ug/L
RT: 5.502 min Scan# 1251
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 41 Resp: 163639

Ion	Ratio	Lower	Upper
41	100		
39	32.6	3.7	63.7
43	118.0	92.8	152.8
46	3.2	0.0	34.0

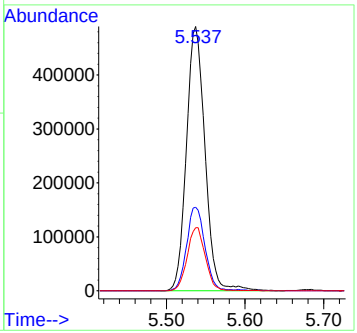


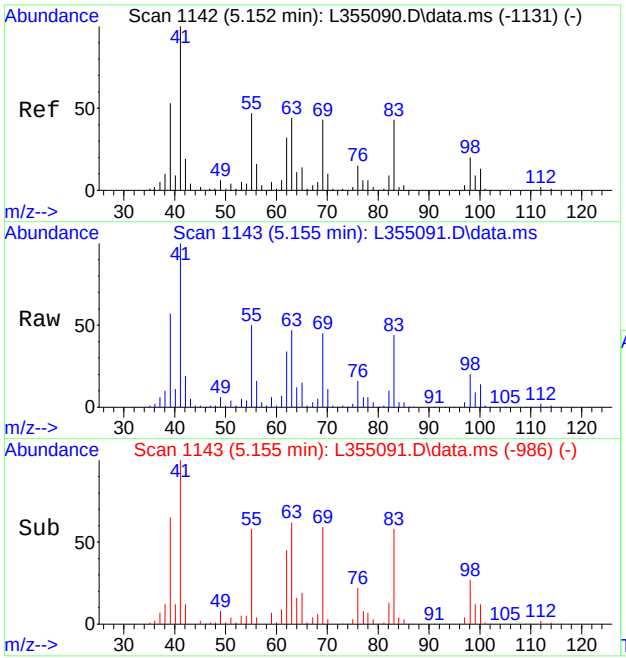


#62
2-chloroethyl vinyl ether
Concen: 473.73 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 63 Resp: 805019

Ion	Ratio	Lower	Upper
63	100		
65	31.6	2.0	62.0
106	23.9	0.0	53.7

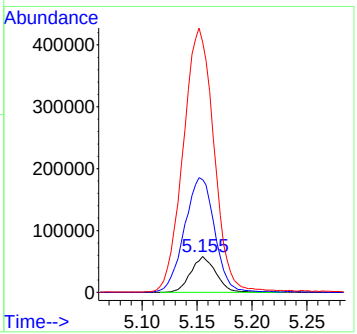


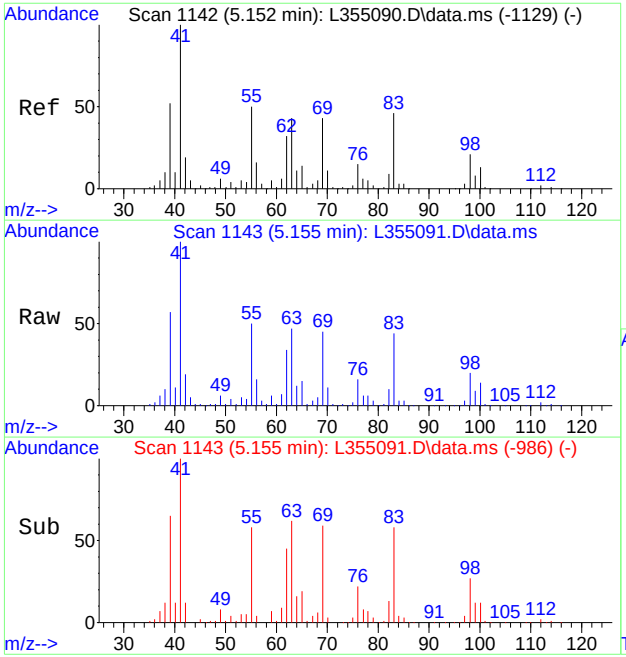


#63
methyl methacrylate
Concen: 82.61 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:100 Resp: 92459

Ion	Ratio	Lower	Upper
100	100		
69	310.8	303.9	363.9
41	688.9	748.3	808.3#

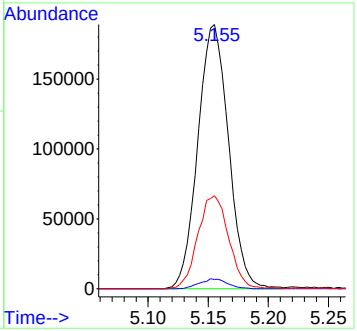


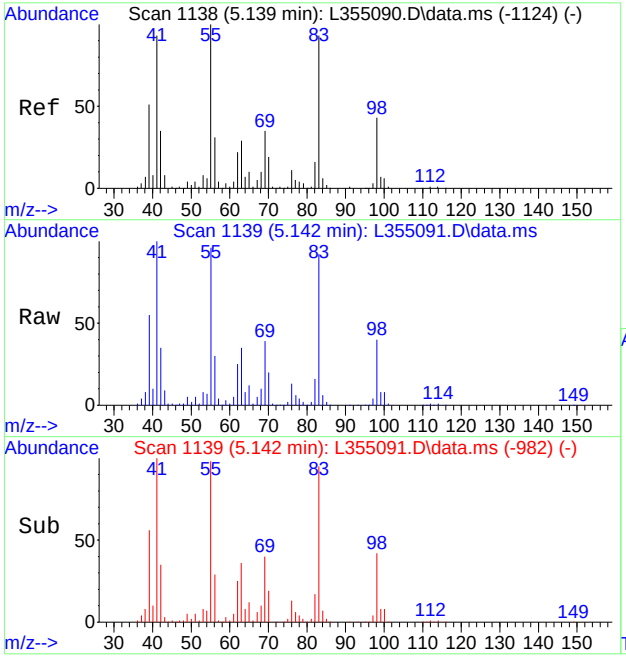


#64
1,2-dichloropropane
Concen: 74.97 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 63 Resp: 336144

Ion	Ratio	Lower	Upper
63	100		
112	3.6	0.0	33.9
76	35.2	3.9	63.9

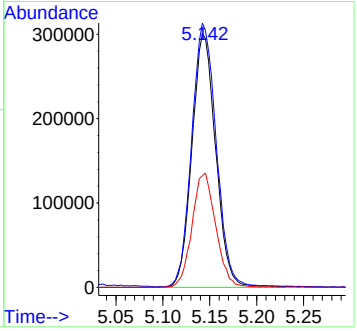


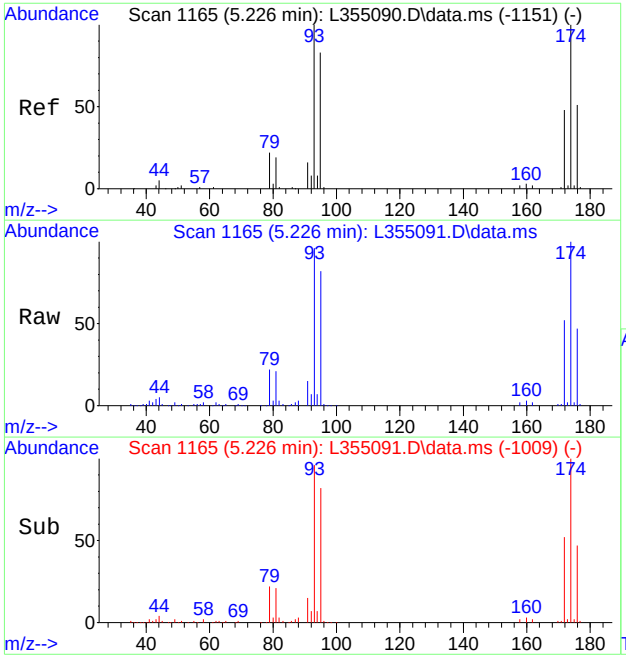


#65
methylcyclohexane
Concen: 79.23 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 83 Resp: 530260

Ion	Ratio	Lower	Upper
83	100		
55	103.9	77.0	137.0
98	44.0	16.0	76.0

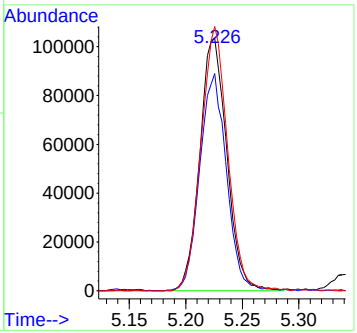


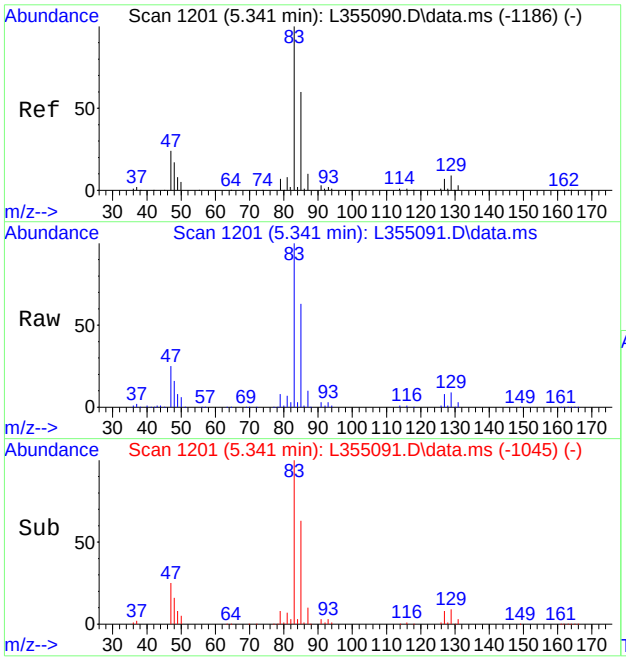


#66
dibromomethane
Concen: 79.79 ug/L
RT: 5.226 min Scan# 1165
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 93 Resp: 171772

Ion	Ratio	Lower	Upper
93	100		
95	86.0	52.7	112.7
174	104.7	70.1	130.1

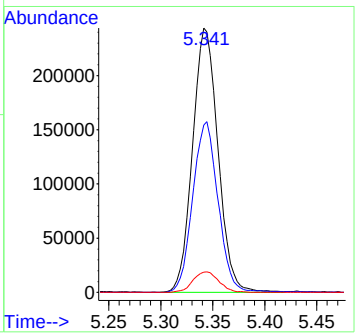


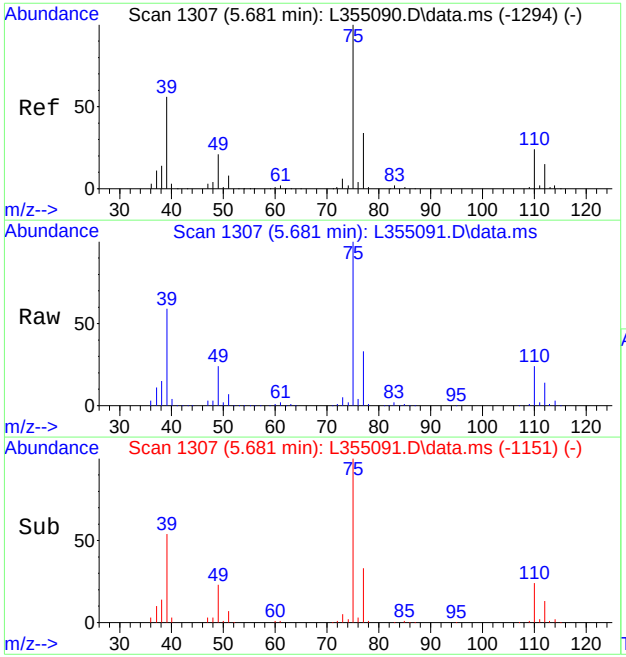


#67
bromodichloromethane
Concen: 81.44 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 83 Resp: 416341

Ion	Ratio	Lower	Upper
83	100		
85	63.3	30.1	90.1
127	7.7	0.0	37.3

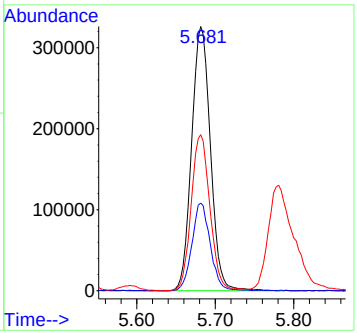


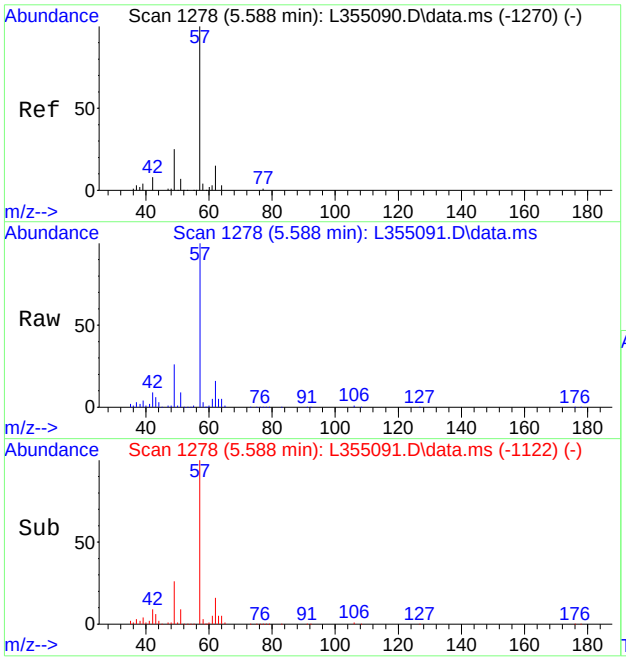


#68
cis-1,3-dichloropropene
Concen: 83.46 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 75 Resp: 543559

Ion	Ratio	Lower	Upper
75	100		
77	33.2	4.0	64.0
39	58.9	25.8	85.8

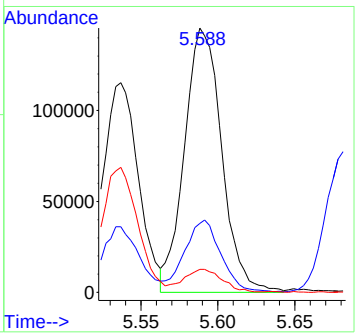


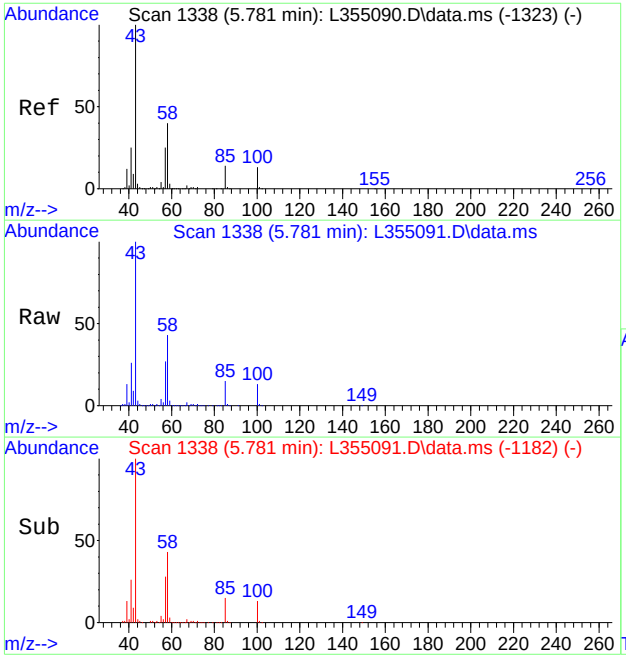


#69
epichlorohydrin
Concen: 418.98 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 57 Resp: 245194

Ion	Ratio	Lower	Upper
57	100		
49	26.0	3.3	43.3
42	8.6	0.0	30.7

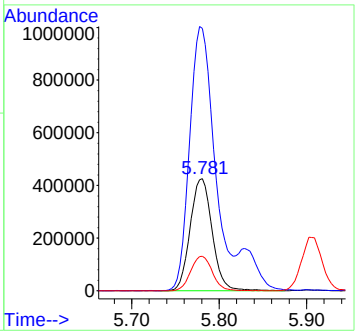


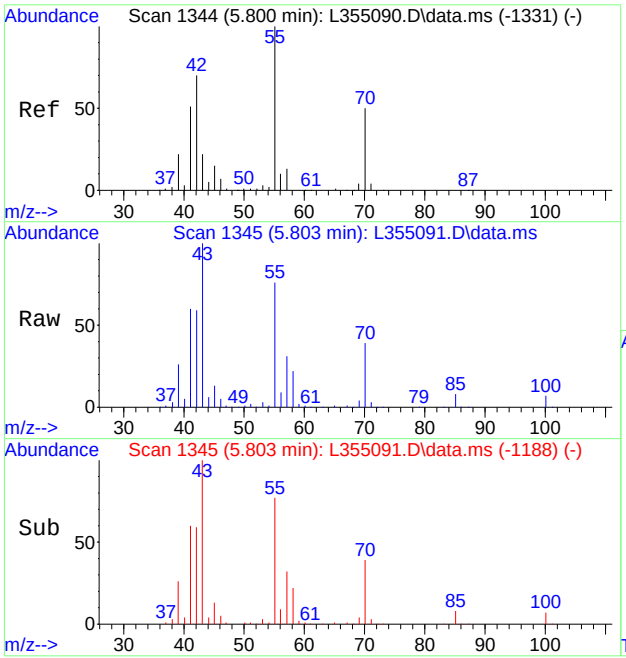


#70
4-methyl-2-pentanone
Concen: 301.37 ug/L
RT: 5.781 min Scan# 1338
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 58 Resp: 748282

Ion	Ratio	Lower	Upper
58	100		
43	233.5	227.9	267.9
100	30.8	11.2	51.2

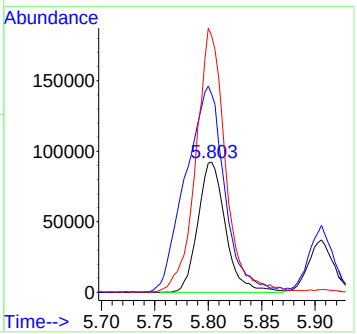


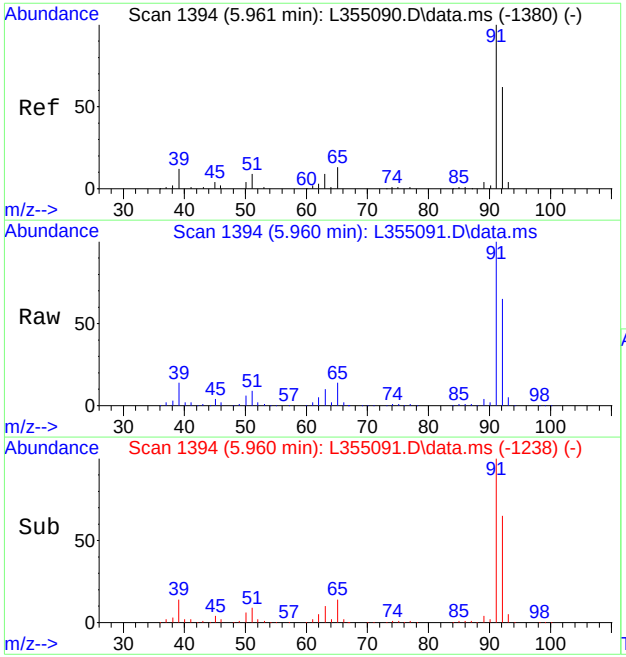


#71
3-methyl-1-butanol
Concen: 1585.53 ug/L
RT: 5.803 min Scan# 1345
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 70 Resp: 166772

Ion	Ratio	Lower	Upper
70	100		
42	149.5	131.6	171.6
55	194.8	180.2	220.2

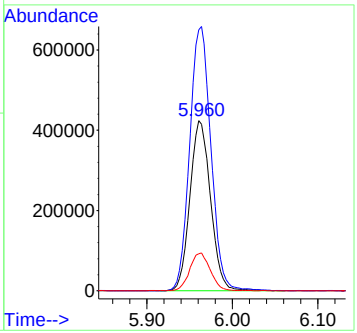


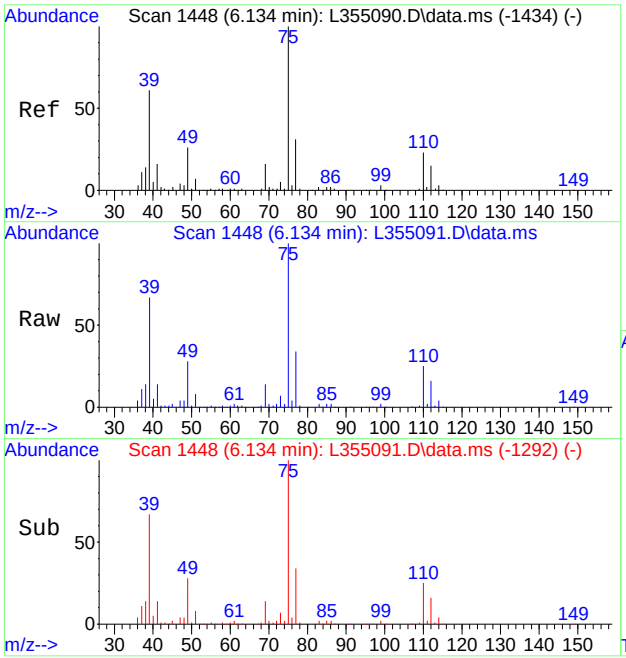


#74
toluene
Concen: 80.99 ug/L
RT: 5.960 min Scan# 1394
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 92 Resp: 711071

Ion	Ratio	Lower	Upper
92	100		
91	153.4	130.7	190.7
65	21.8	0.0	51.2

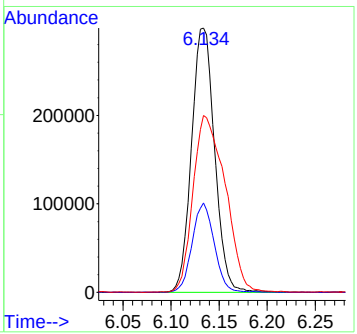


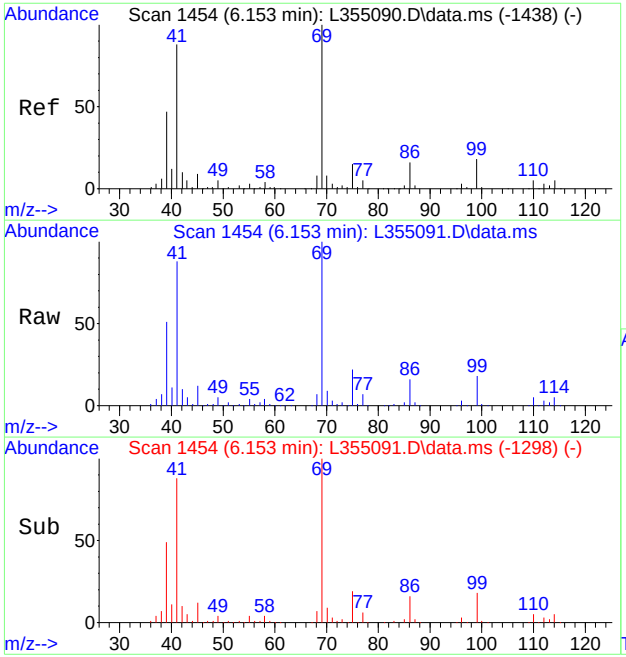


#75
trans-1,3-dichloropropene
Concen: 79.63 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 75 Resp: 500222

Ion	Ratio	Lower	Upper
75	100		
77	33.7	1.0	61.0
39	66.7	30.8	90.8

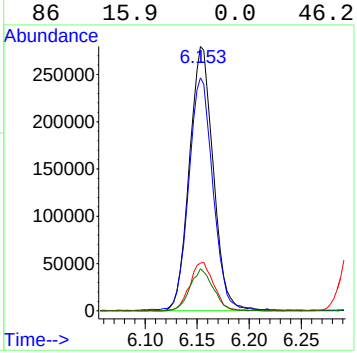


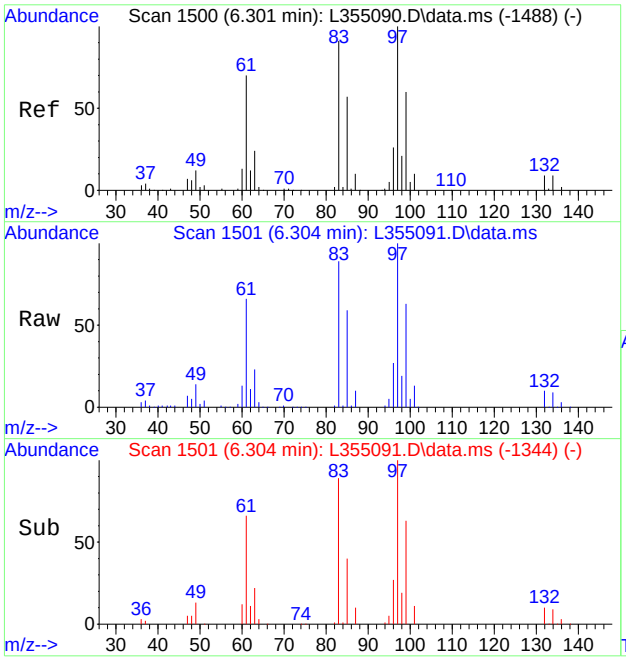


#76
ethyl methacrylate
Concen: 76.62 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 69 Resp: 447236

Ion	Ratio	Lower	Upper
69	100		
41	87.8	57.6	117.6
99	18.0	0.0	48.5
86	15.9	0.0	46.2

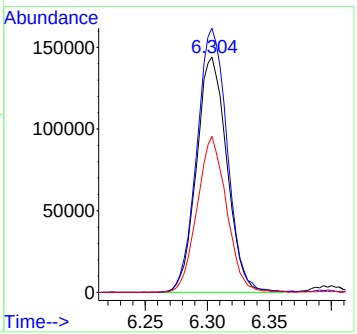


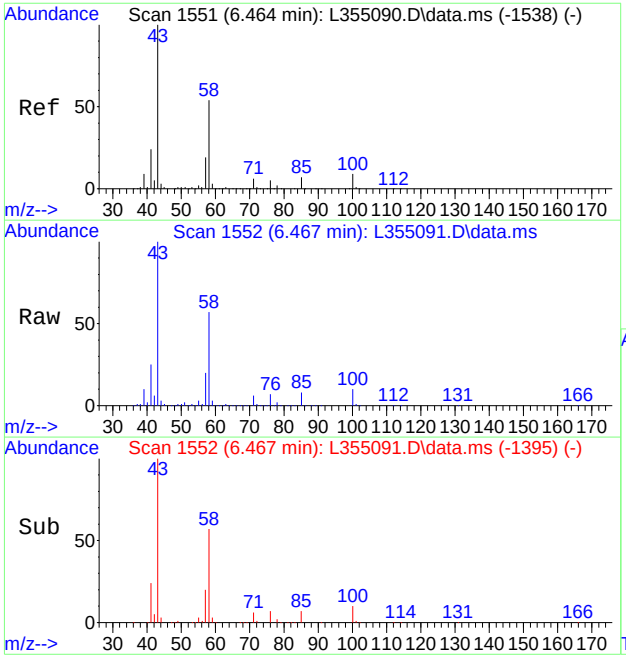


#77
1,1,2-trichloroethane
Concen: 78.53 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 83 Resp: 245432

Ion	Ratio	Lower	Upper
83	100		
97	112.3	80.2	140.2
85	66.1	33.0	93.0

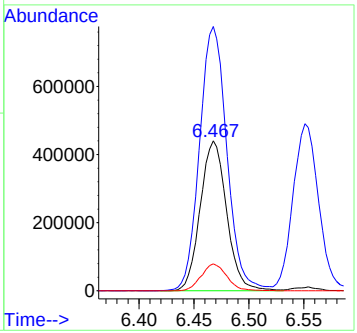


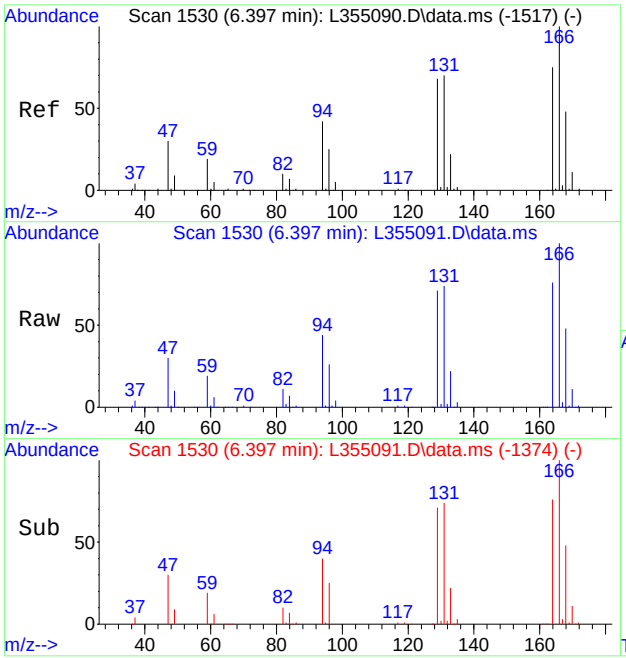


#78
2-hexanone
Concen: 286.55 ug/L
RT: 6.467 min Scan# 1552
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 58 Resp: 736122

Ion	Ratio	Lower	Upper
58	100		
43	176.2	154.5	214.5
100	17.9	0.0	46.6

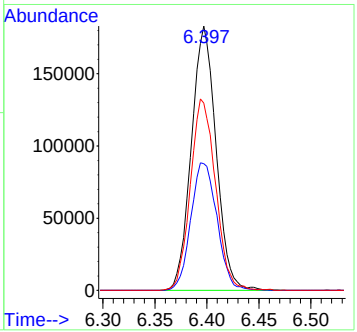


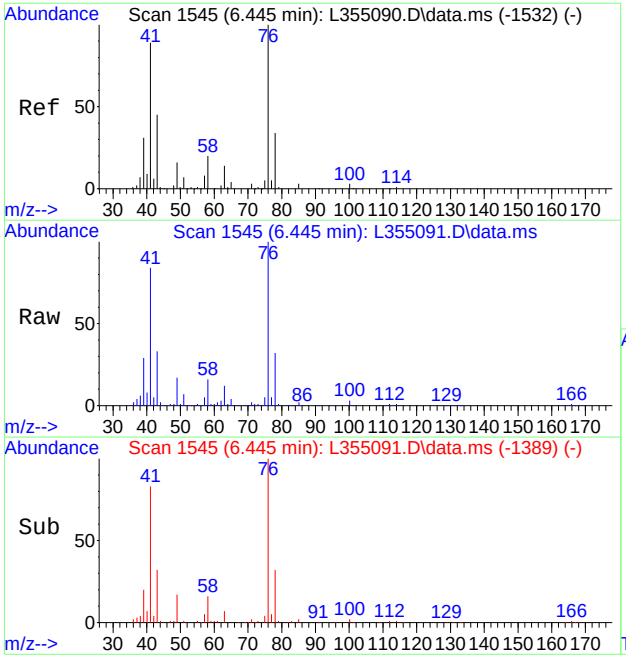


#79
tetrachloroethene
Concen: 83.17 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:166 Resp: 303700

Ion	Ratio	Lower	Upper
166	100		
168	48.0	18.3	78.3
129	70.8	38.5	98.5

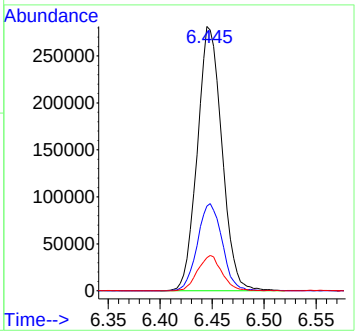


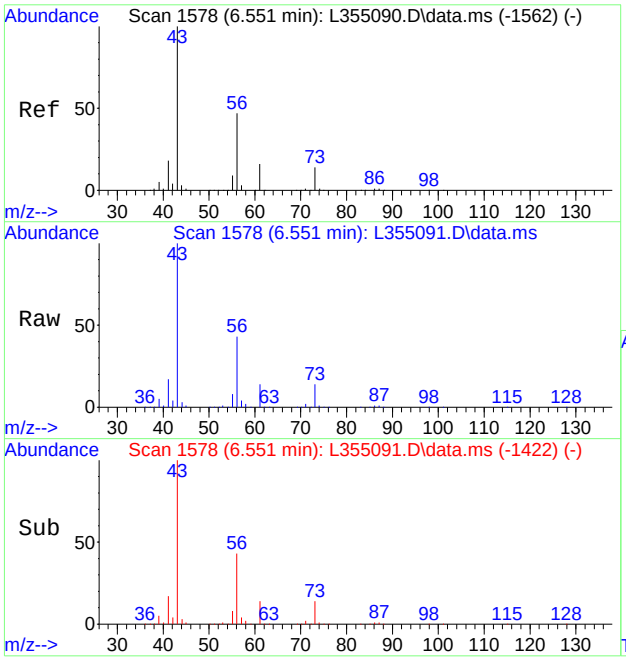


#80
1,3-dichloropropane
Concen: 75.13 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 76 Resp: 463919

Ion	Ratio	Lower	Upper
76	100		
78	32.1	3.8	63.8
63	12.5	0.0	43.8

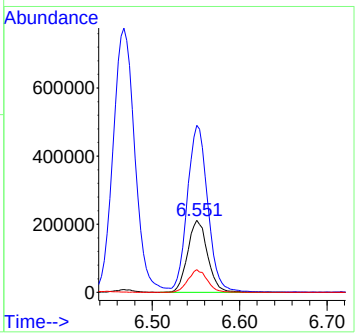


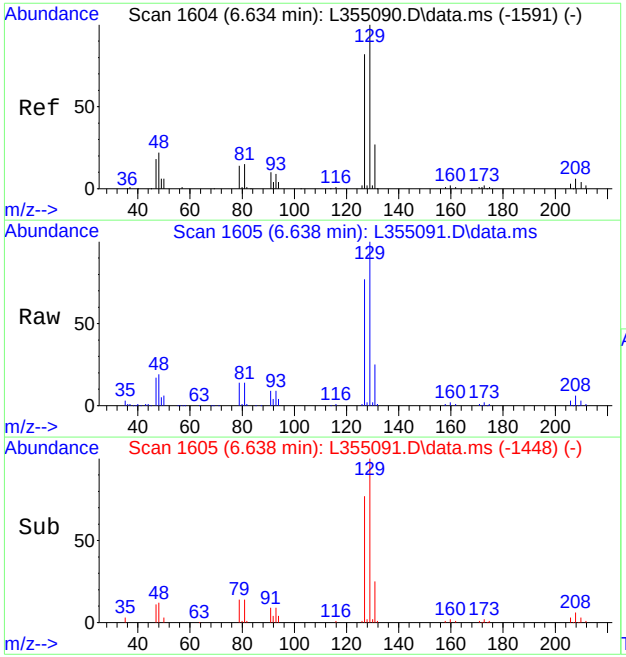


#81
butyl acetate
Concen: 79.78 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 56 Resp: 334812

Ion	Ratio	Lower	Upper
56	100		
43	231.8	194.2	254.2
73	31.6	0.0	58.5

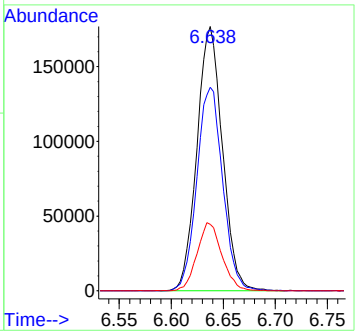


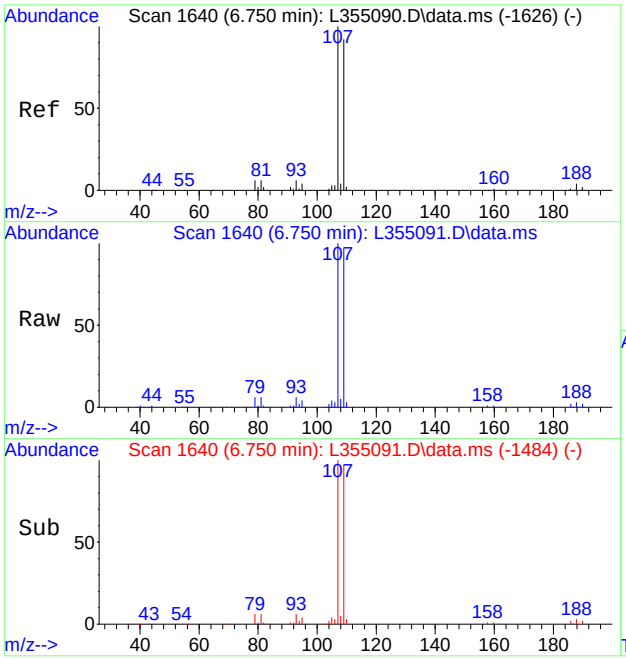


#82
dibromochloromethane
Concen: 81.02 ug/L
RT: 6.638 min Scan# 1605
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:129 Resp: 301781

Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.9	111.9
131	25.1	0.0	56.8

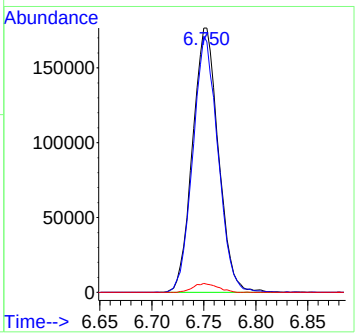


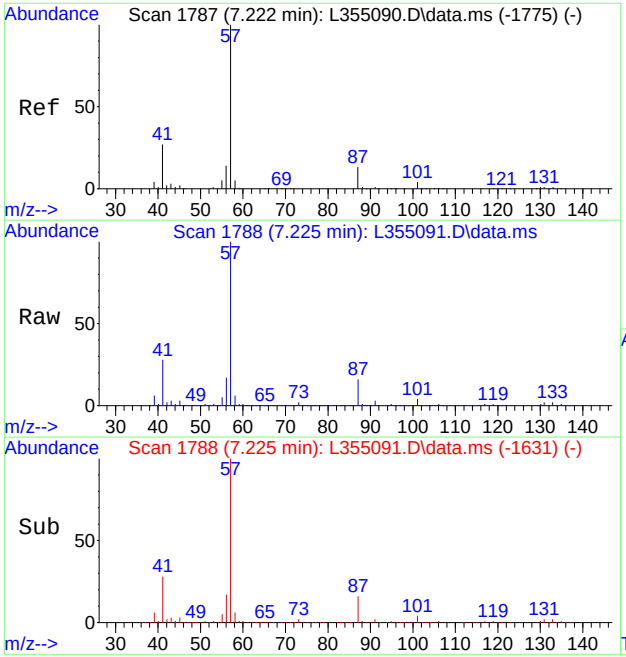


#83
1,2-dibromoethane
Concen: 83.94 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:107 Resp: 306088

Ion	Ratio	Lower	Upper
107	100		
109	96.9	62.2	122.2
188	3.4	0.0	33.6

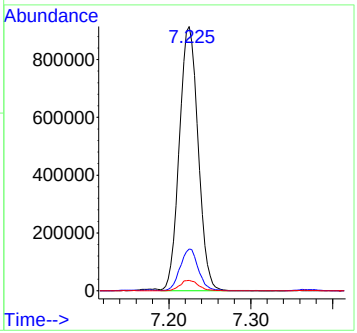


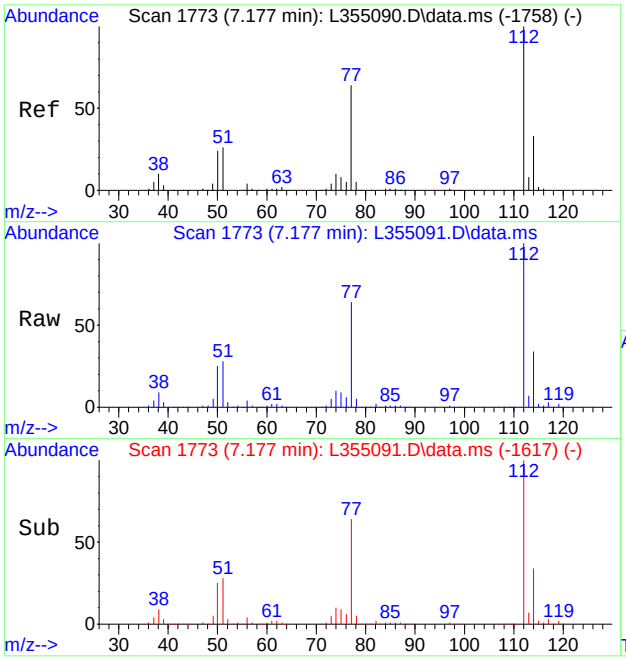


#84
n-butyl ether
Concen: 75.80 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 57 Resp: 1458269

Ion	Ratio	Lower	Upper
57	100		
87	15.8	0.0	43.5
101	4.0	0.0	33.5

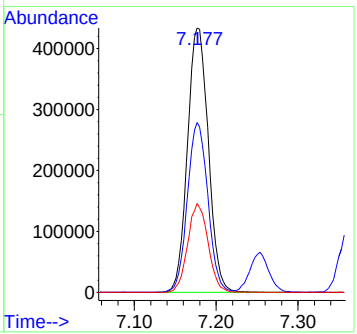


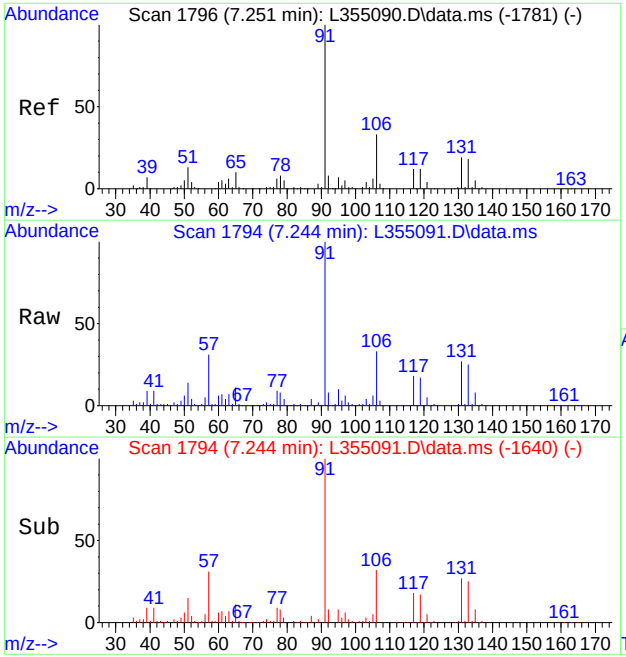


#85
chlorobenzene
Concen: 83.95 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:112 Resp: 768074

Ion	Ratio	Lower	Upper
112	100		
77	64.1	34.0	94.0
114	33.6	2.8	62.8

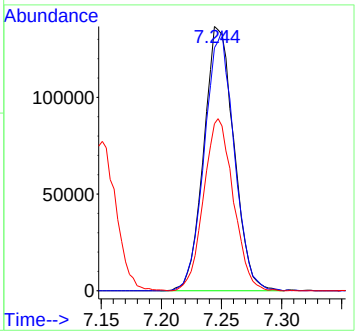


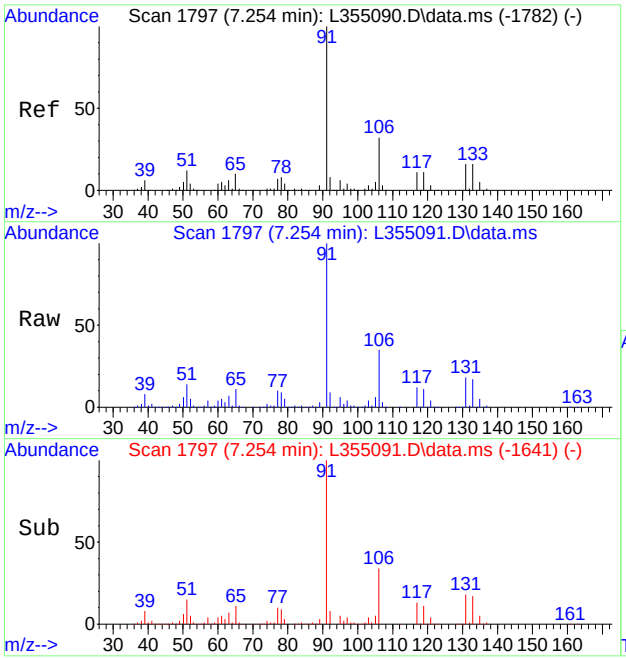


#86
1,1,1,2-tetrachloroethane
Concen: 73.08 ug/L
RT: 7.244 min Scan# 1794
Delta R.T. -0.007 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:131 Resp: 238036

Ion	Ratio	Lower	Upper
131	100		
133	91.9	65.5	125.5
119	63.2	34.9	94.9

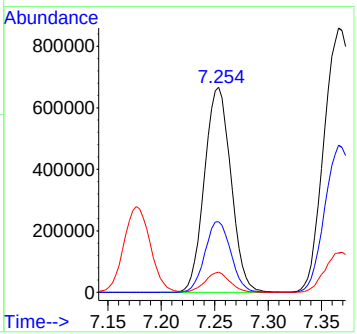


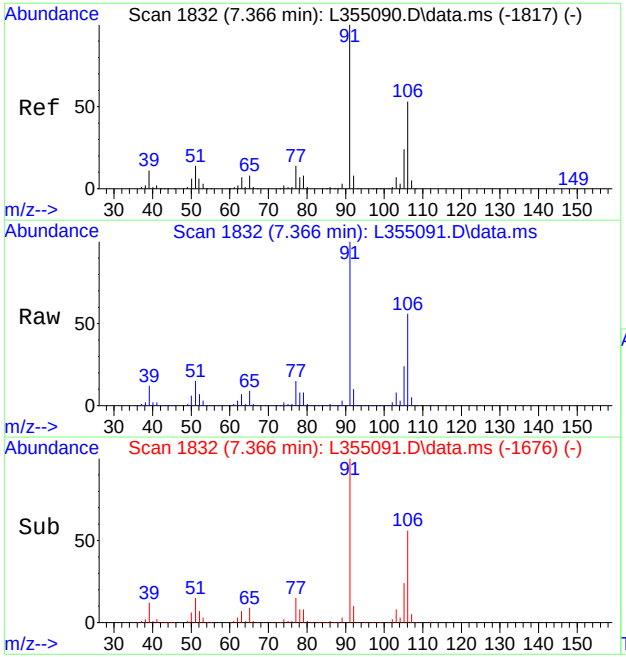


#87
ethylbenzene
Concen: 71.37 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 91 Resp: 1151610

Ion	Ratio	Lower	Upper
91	100		
106	34.5	1.8	61.8
77	9.8	0.0	38.8

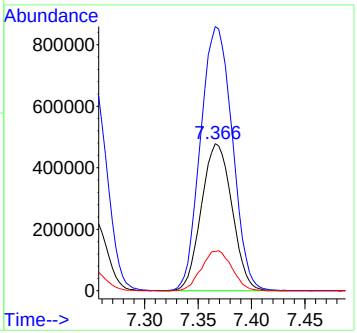


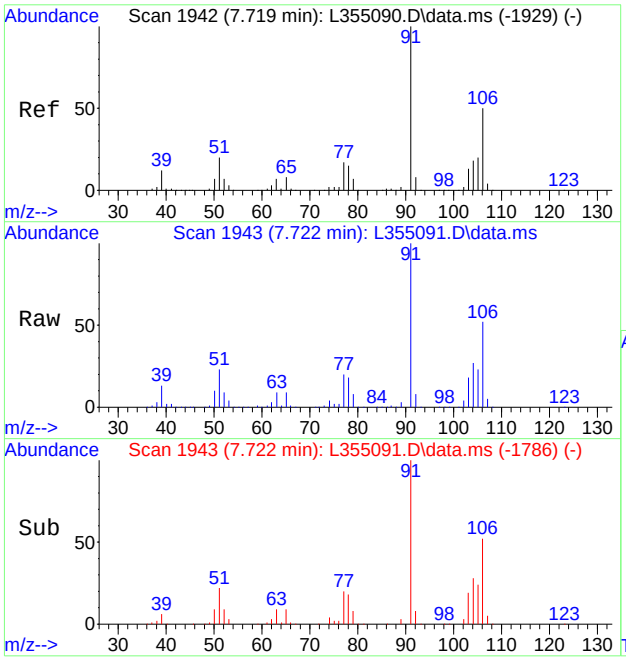


#88
m,p-xylene
Concen: 149.18 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:106 Resp: 953589

Ion	Ratio	Lower	Upper
106	100		
91	179.6	158.2	218.2
77	26.6	6.9	46.9

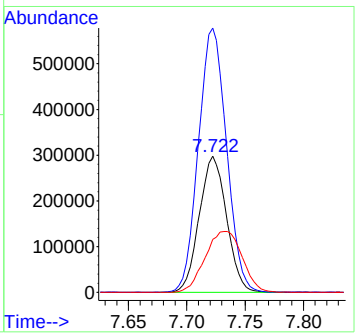


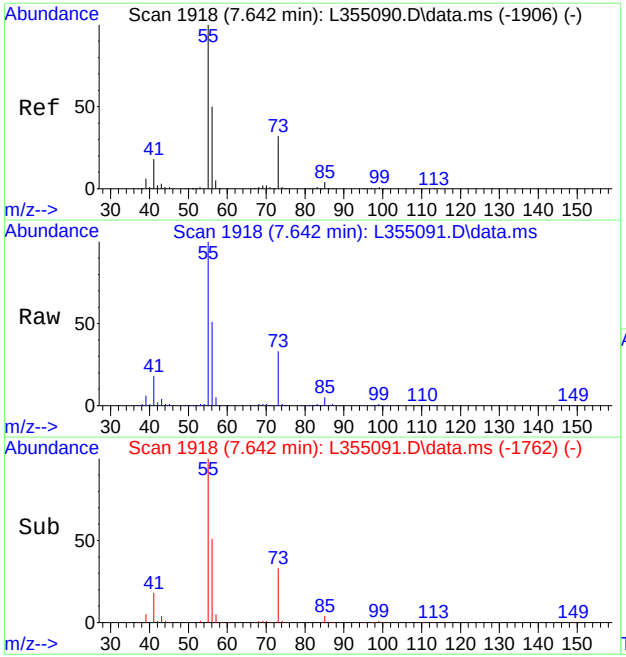


#89
o-xylene
Concen: 74.37 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:106 Resp: 486699

Ion	Ratio	Lower	Upper
106	100		
91	193.9	170.0	230.0
77	38.9	14.0	54.0

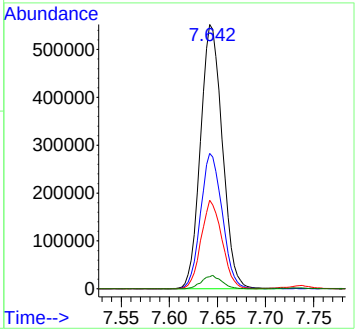


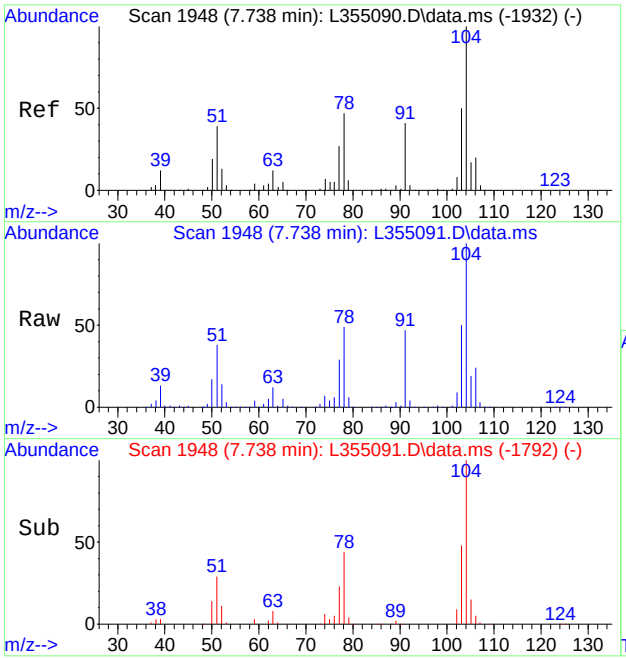


#90
butyl acrylate
Concen: 80.50 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 55 Resp: 876367

Ion	Ratio	Lower	Upper
55	100		
56	51.3	30.4	70.4
73	33.5	11.9	51.9
85	4.5	0.0	24.0

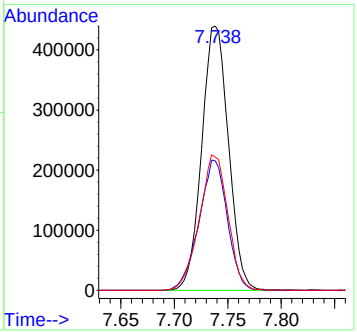


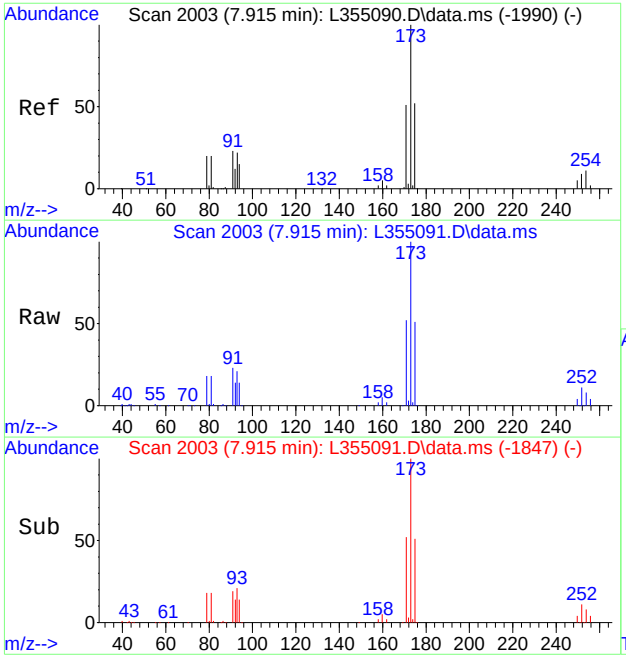


#91
styrene
Concen: 74.77 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:104 Resp: 768730

Ion	Ratio	Lower	Upper
104	100		
78	48.9	17.3	77.3
103	50.3	19.8	79.8

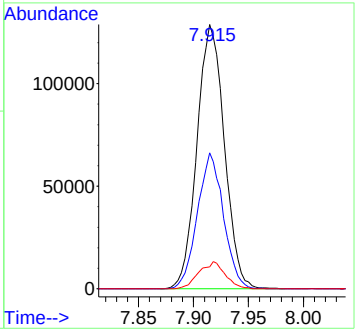


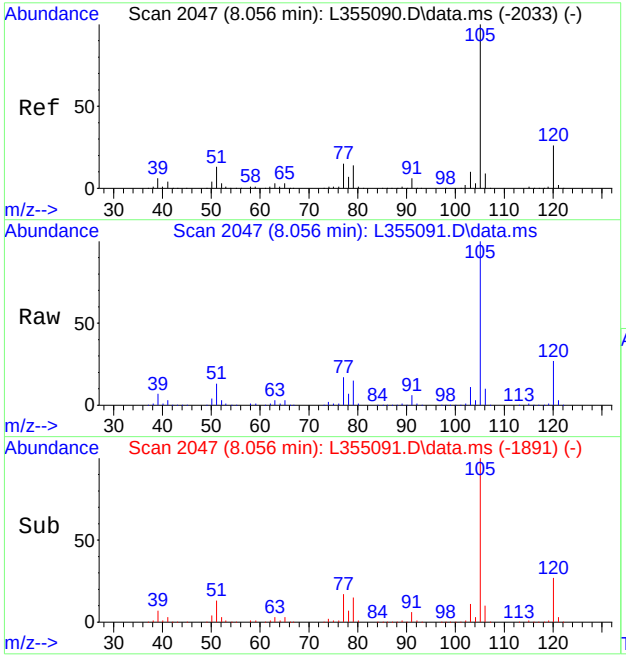


#92
bromoform
Concen: 81.55 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:173 Resp: 223230

Ion	Ratio	Lower	Upper
173	100		
175	51.4	22.1	82.1
254	8.3	0.0	41.0

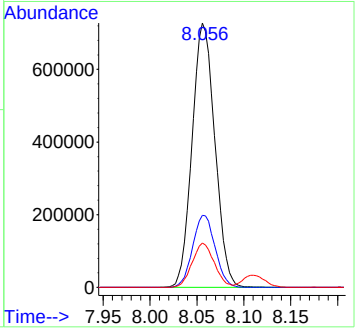


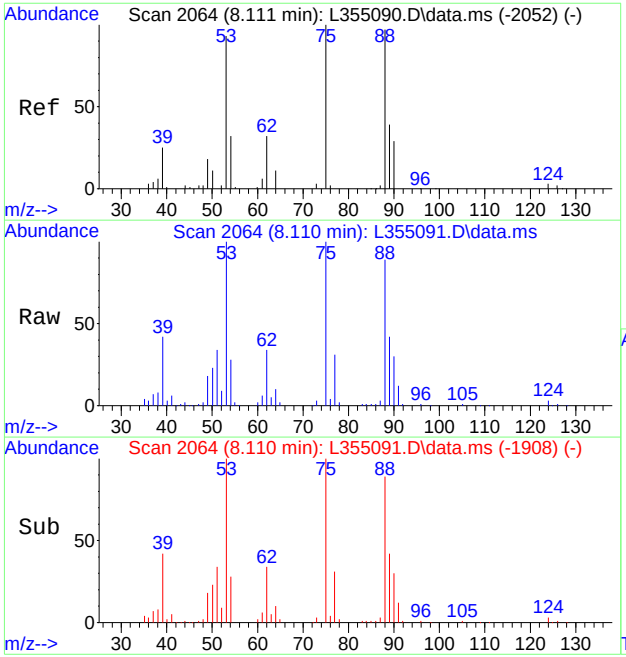


#93
isopropylbenzene
Concen: 74.67 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:105 Resp: 1227226

Ion	Ratio	Lower	Upper
105	100		
120	27.3	6.4	46.4
77	16.8	0.0	35.3

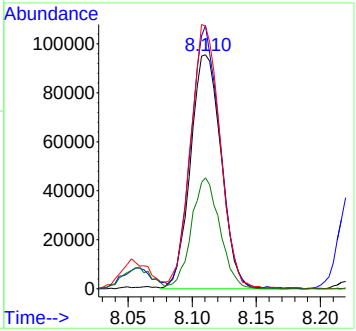


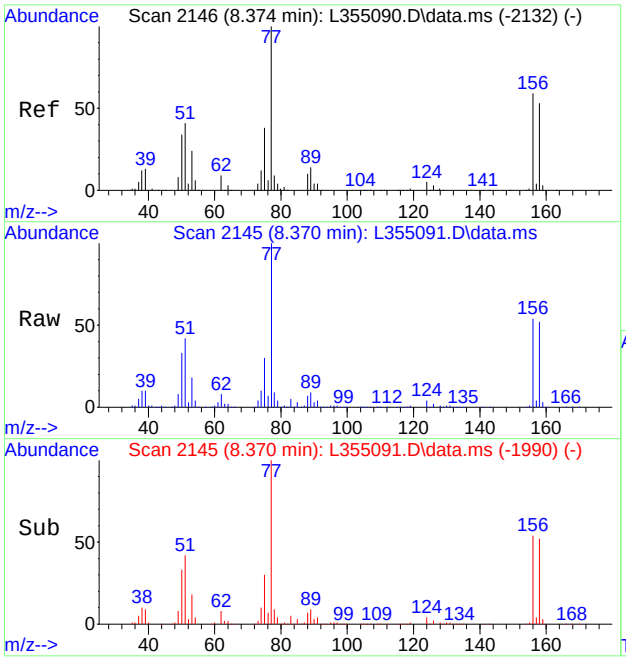


#94
cis-1,4-dichloro-2-butene
Concen: 90.15 ug/L
RT: 8.110 min Scan# 2064
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 88 Resp: 158817

Ion	Ratio	Lower	Upper
88	100		
75	112.1	87.0	127.0
53	111.9	79.7	119.7
89	47.4	22.9	62.9

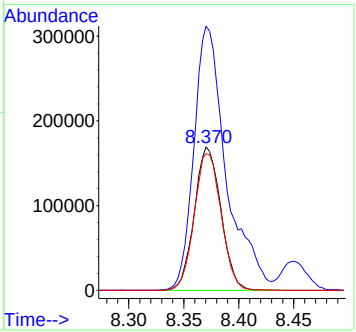


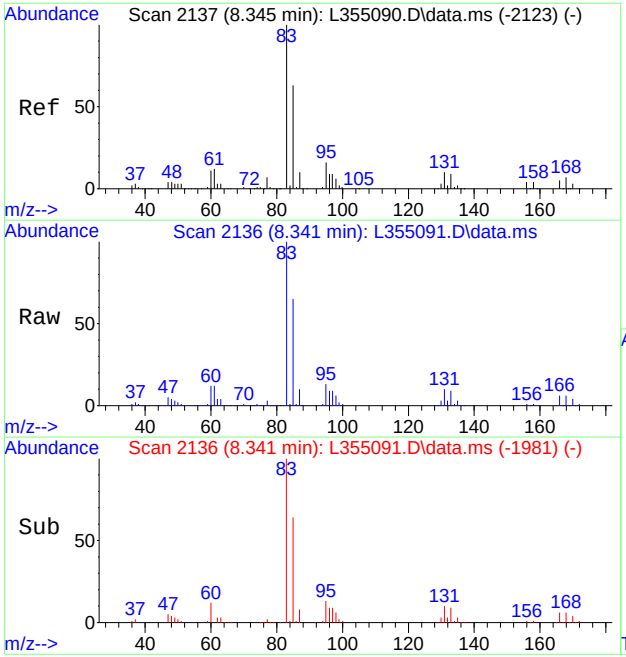


#97
bromobenzene
Concen: 88.60 ug/L
RT: 8.370 min Scan# 2145
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:156 Resp: 284436

Ion	Ratio	Lower	Upper
156	100		
77	184.2	138.1	198.1
158	95.3	58.3	118.3

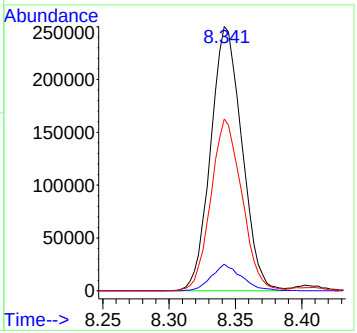


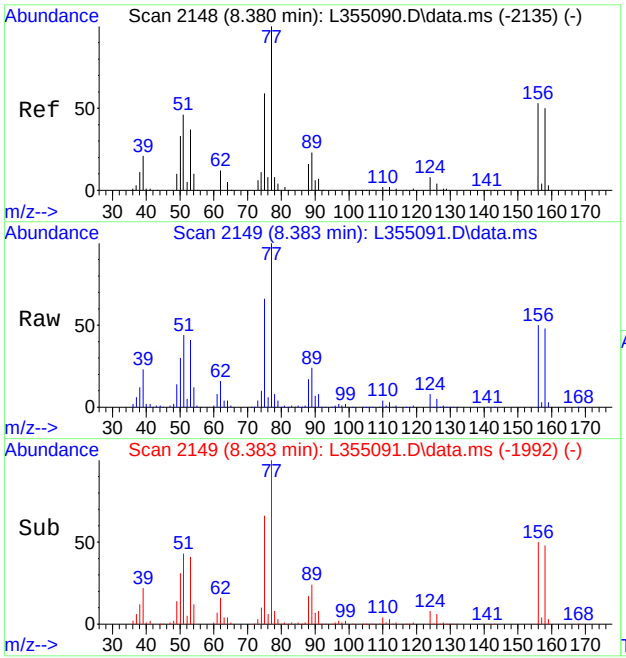


#98
1,1,2,2-tetrachloroethane
Concen: 87.69 ug/L
RT: 8.341 min Scan# 2136
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 83 Resp: 409721

Ion	Ratio	Lower	Upper
83	100		
131	10.1	0.0	39.6
85	65.0	33.1	93.1

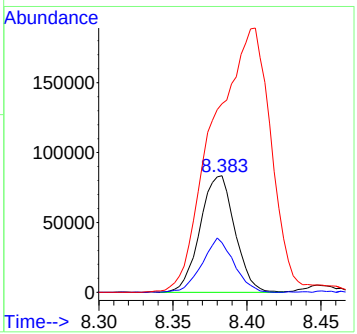


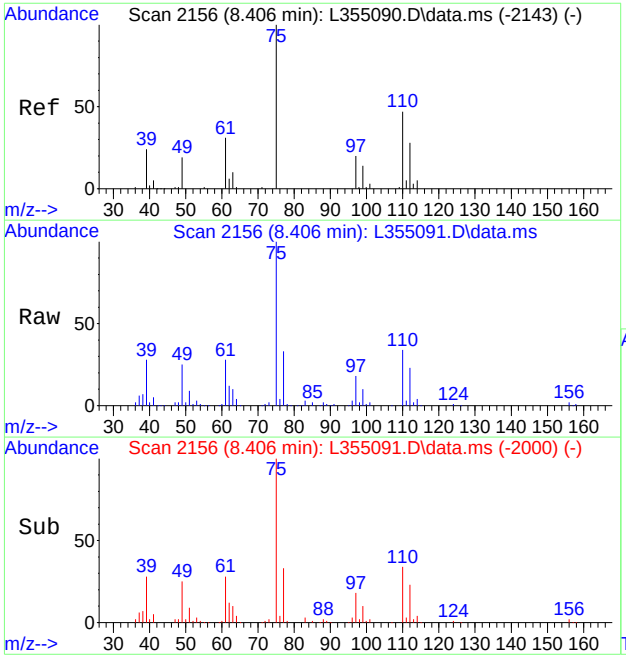


#99
trans-1,4-dichloro-2-butene
Concen: 90.66 ug/L
RT: 8.383 min Scan# 2149
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 53 Resp: 135994

Ion	Ratio	Lower	Upper
53	100		
88	42.6	13.5	73.5
75	160.6	128.5	188.5

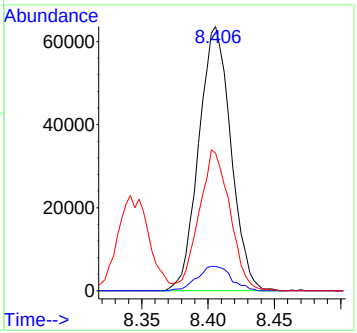


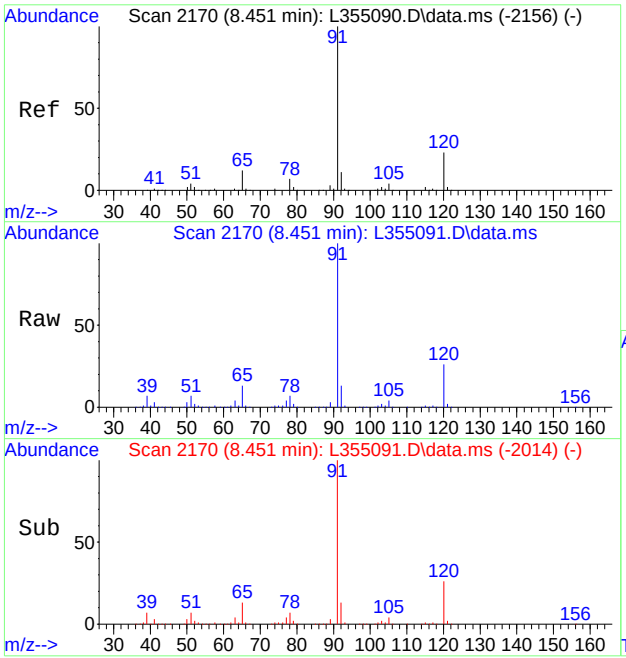


#100
1,2,3-trichloropropane
Concen: 84.50 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:110 Resp: 107007

Ion	Ratio	Lower	Upper
110	100		
111	9.2	0.0	39.7
97	52.1	18.0	78.0

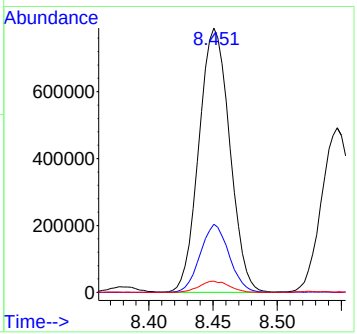


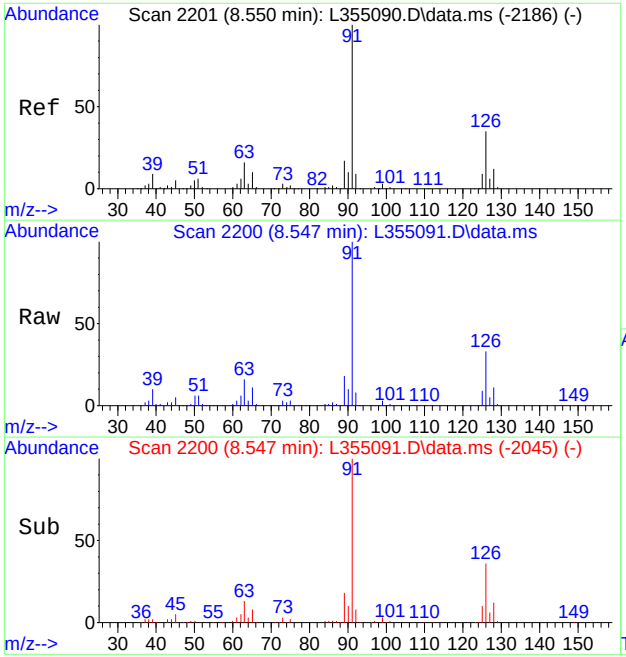


#101
n-propylbenzene
Concen: 79.26 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 91 Resp: 1320919

Ion	Ratio	Lower	Upper
91	100		
120	25.8	0.0	53.4
105	4.2	0.0	34.1

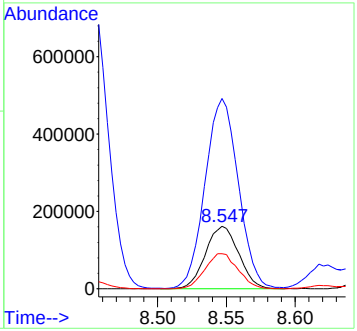


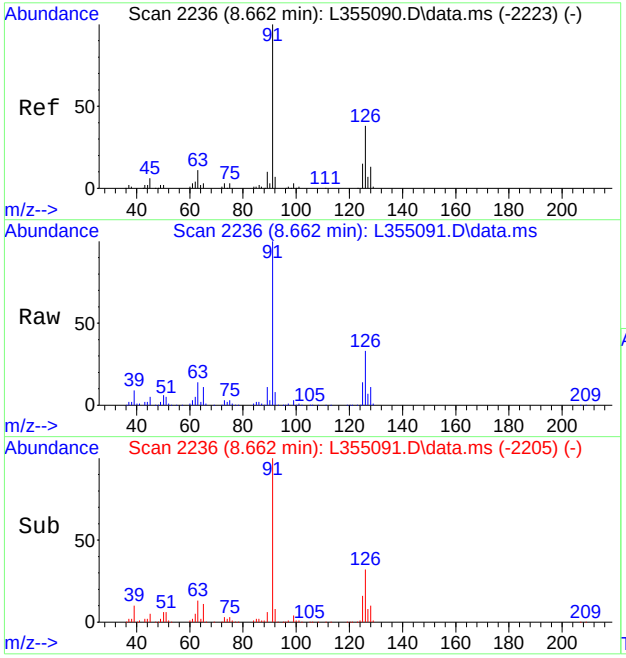


#102
2-chlorotoluene
Concen: 85.76 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:126 Resp: 272512

Ion	Ratio	Lower	Upper
126	100		
91	303.7	258.6	318.6
89	56.0	18.8	78.8

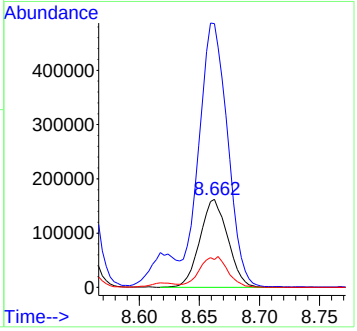


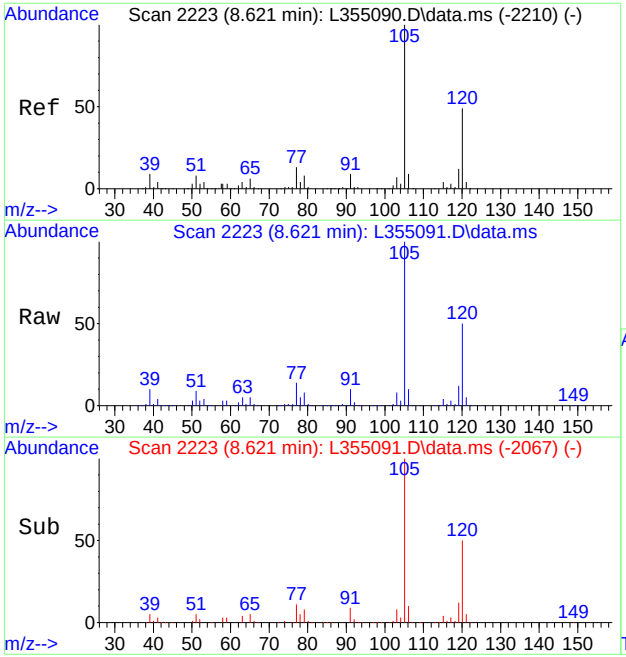


#103
4-chlorotoluene
Concen: 84.82 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:126 Resp: 261533

Ion	Ratio	Lower	Upper
126	100		
91	298.8	272.7	332.7
89	31.6	2.4	62.4

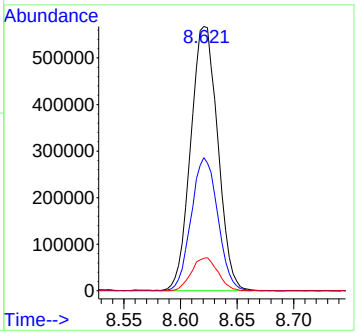


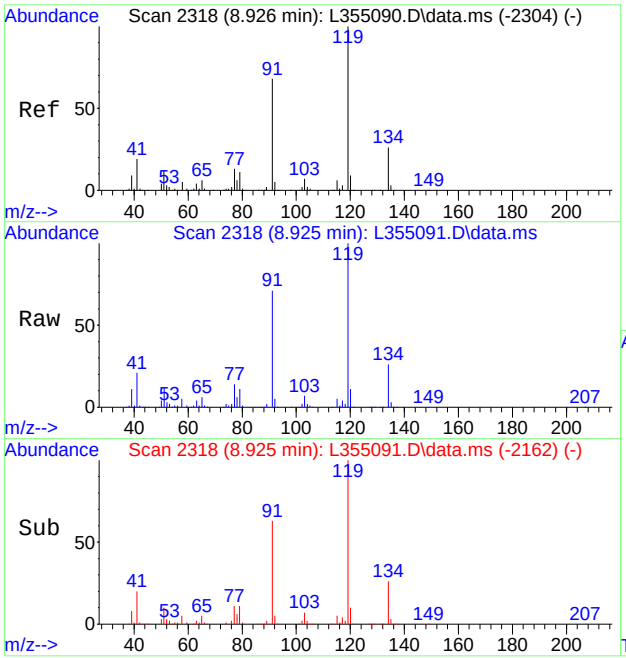


#104
1,3,5-trimethylbenzene
Concen: 80.67 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:105 Resp: 943198

Ion	Ratio	Lower	Upper
105	100		
120	50.3	19.0	79.0
119	12.3	0.0	42.2

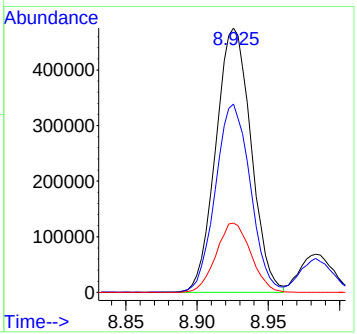


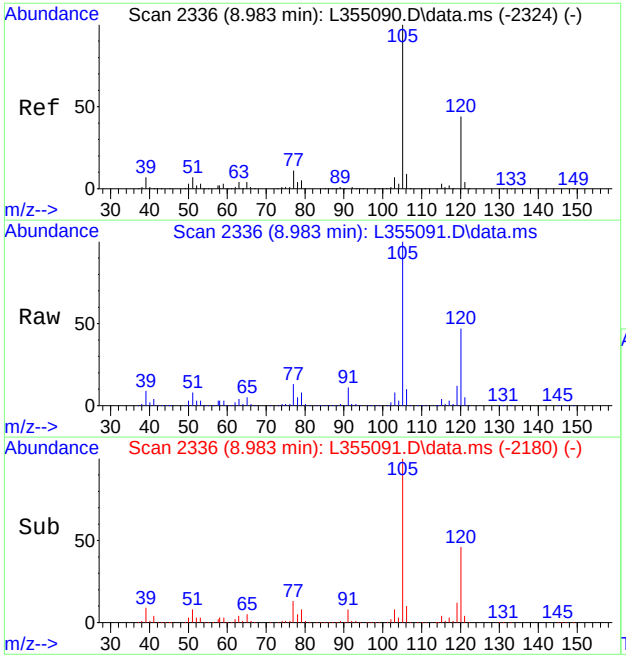


#105
tert-butylbenzene
Concen: 84.79 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:119 Resp: 819241

Ion	Ratio	Lower	Upper
119	100		
91	71.1	38.0	98.0
134	26.2	0.0	56.2

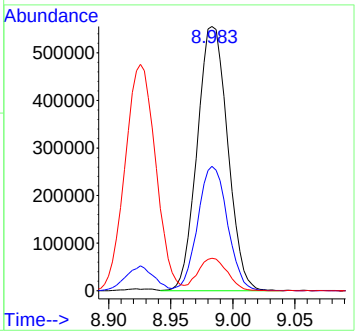


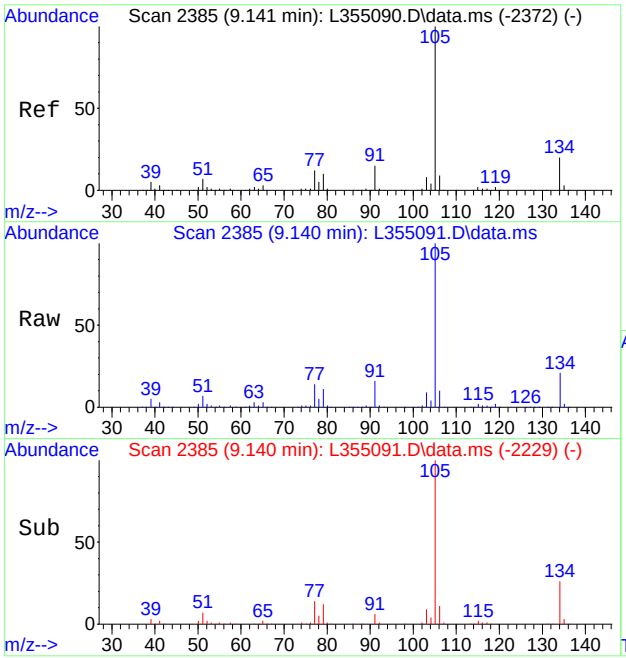


#106
1,2,4-trimethylbenzene
Concen: 81.28 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:105 Resp: 948864

Ion	Ratio	Lower	Upper
105	100		
120	47.1	15.8	75.8
119	12.4	0.0	42.1

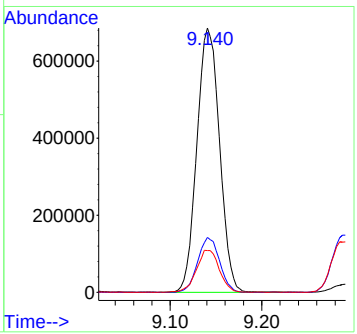


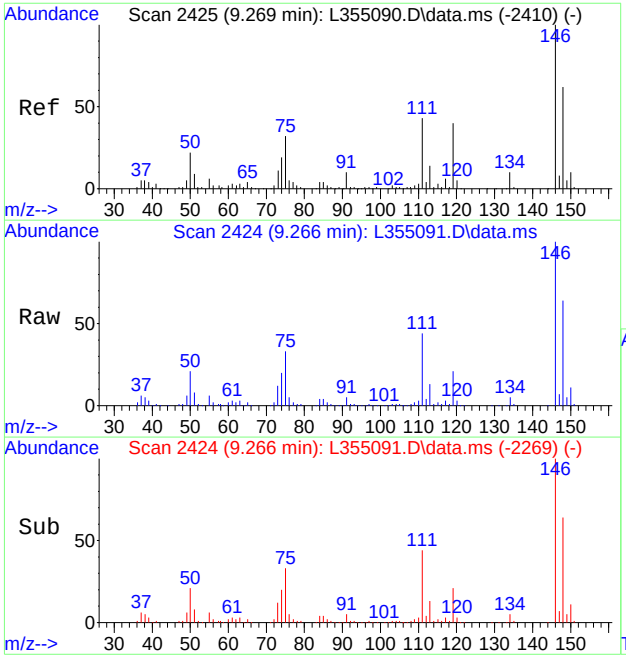


#107
sec-butylbenzene
Concen: 83.43 ug/L
RT: 9.140 min Scan# 2385
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:105 Resp: 1178078

Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	50.4
91	15.7	0.0	45.4

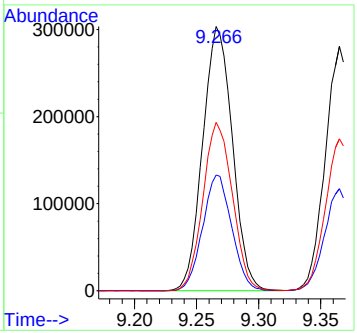


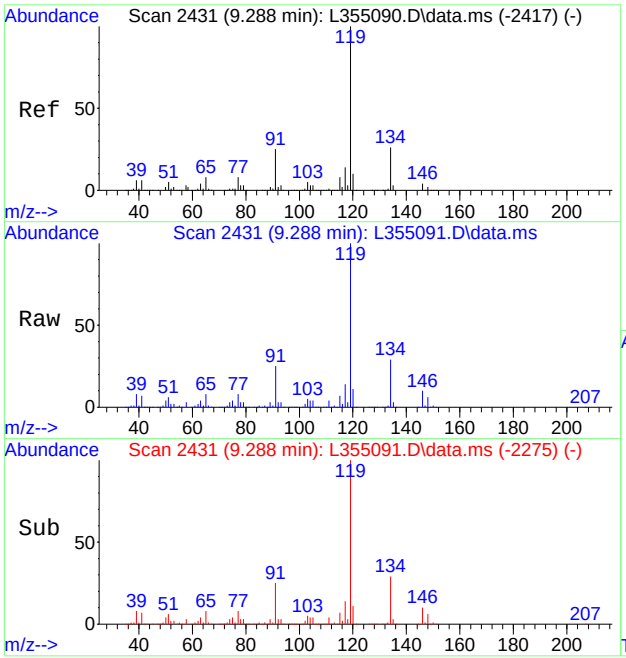


#108
1,3-dichlorobenzene
Concen: 91.14 ug/L
RT: 9.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:146 Resp: 506203

Ion	Ratio	Lower	Upper
146	100		
111	43.8	13.1	73.1
148	63.8	32.4	92.4

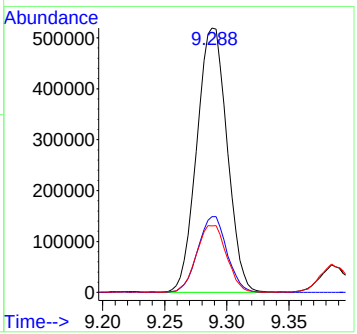


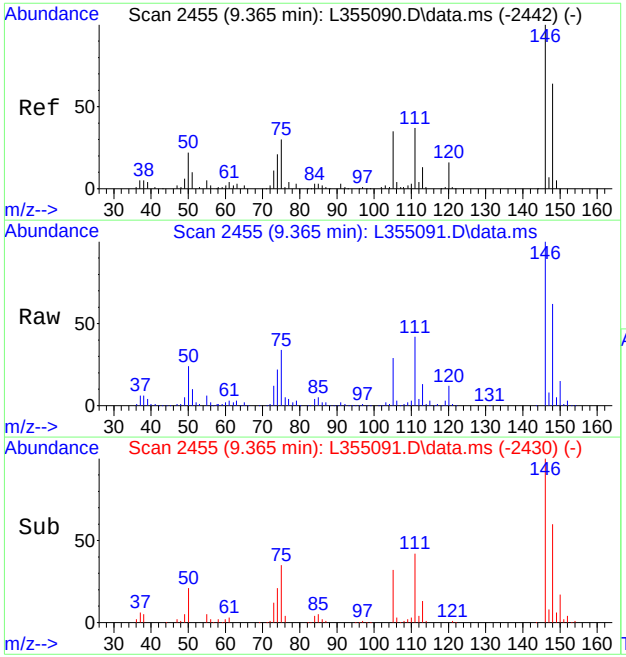


#109
p-isopropyltoluene
Concen: 80.39 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:119 Resp: 883585

Ion	Ratio	Lower	Upper
119	100		
134	28.6	0.0	56.2
91	25.1	0.0	55.0

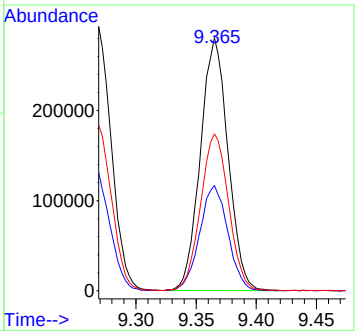


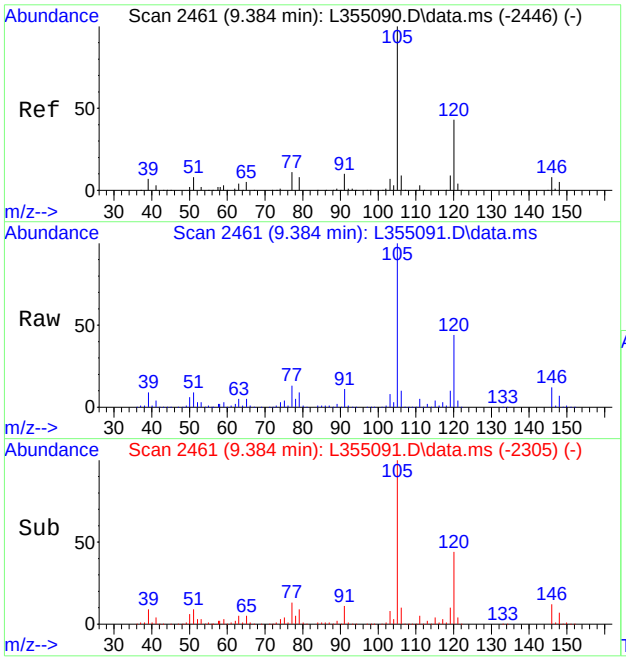


#110
1,4-dichlorobenzene
Concen: 88.69 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:146 Resp: 448615

Ion	Ratio	Lower	Upper
146	100		
111	41.6	7.6	67.6
148	62.0	33.7	93.7

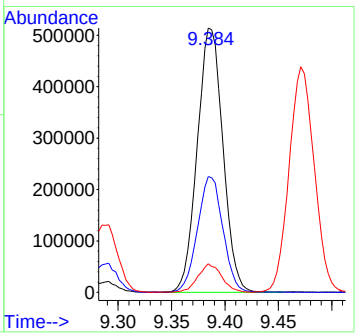


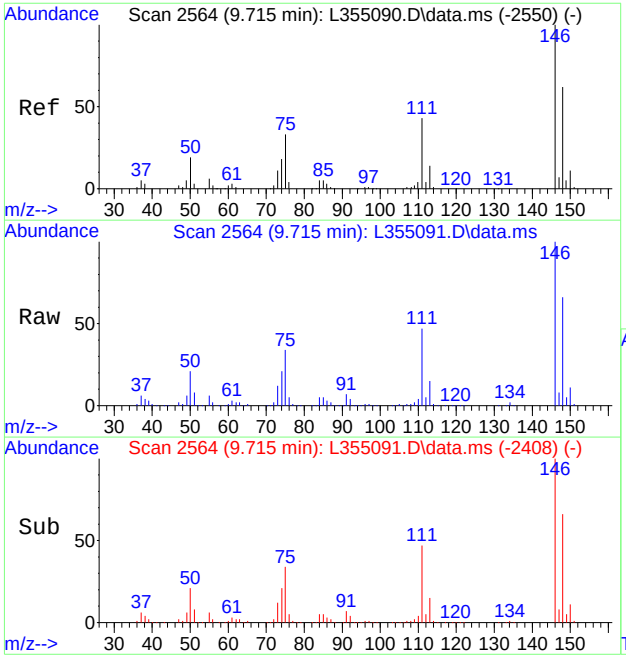


#111
1,2,3-trimethylbenzene
Concen: 80.95 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:105 Resp: 859163

Ion	Ratio	Lower	Upper
105	100		
120	43.8	13.0	73.0
91	10.8	0.0	39.8

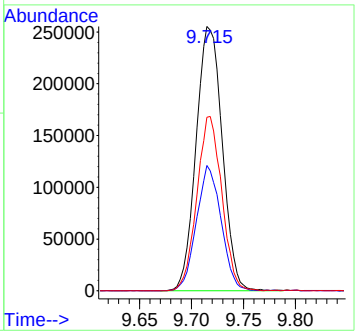


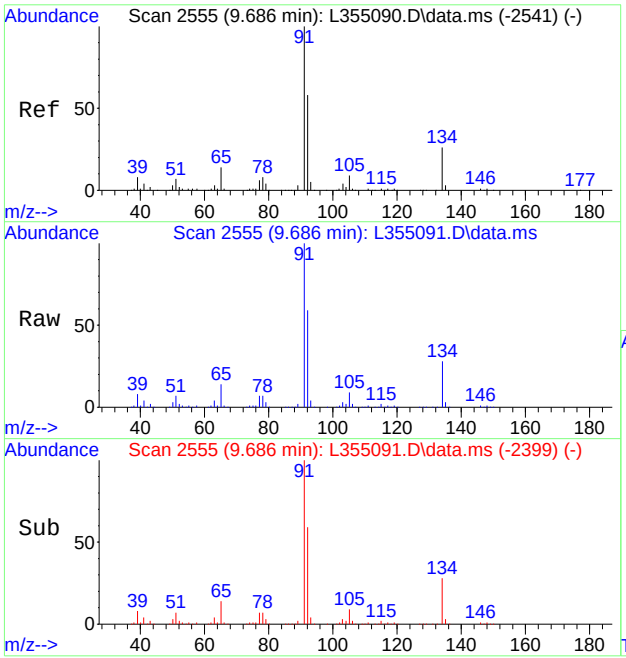


#112
1,2-dichlorobenzene
Concen: 86.98 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:146 Resp: 448768

Ion	Ratio	Lower	Upper
146	100		
111	47.4	13.0	73.0
148	65.7	32.1	92.1

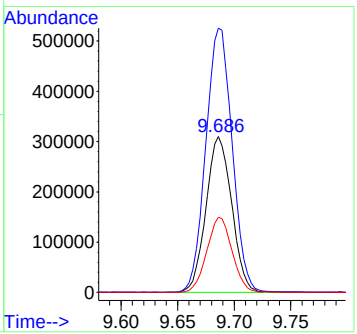


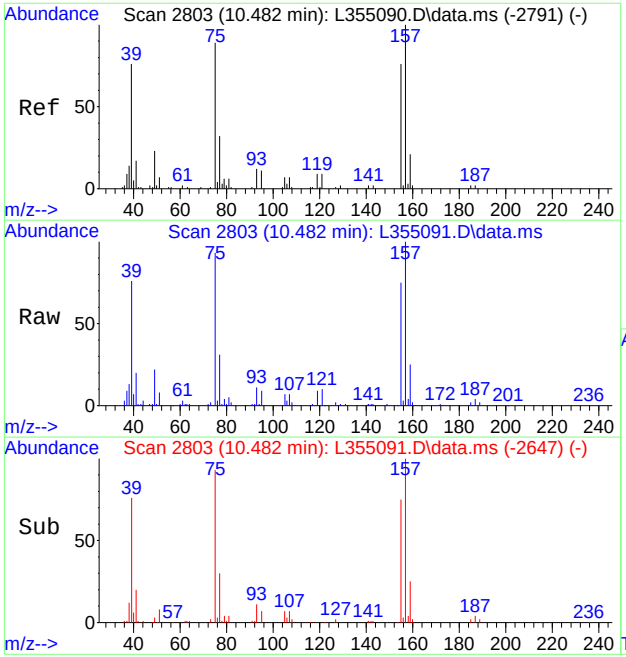


#113
n-butylbenzene
Concen: 91.79 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 92 Resp: 488233

Ion	Ratio	Lower	Upper
92	100		
91	169.6	141.2	201.2
134	48.2	14.9	74.9

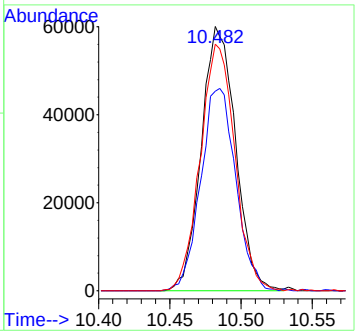


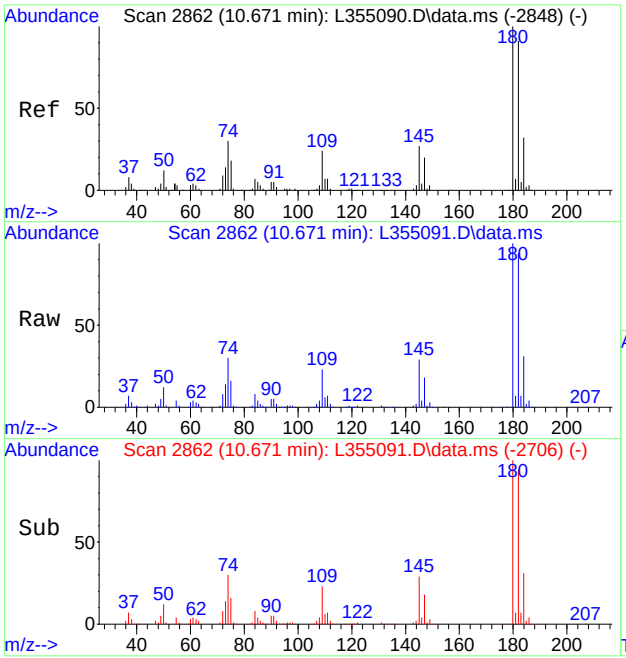


#114
1,2-dibromo-3-chloropropane
Concen: 105.47 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:157 Resp: 100810

Ion	Ratio	Lower	Upper
157	100		
155	75.5	46.0	106.0
75	93.2	58.9	118.9

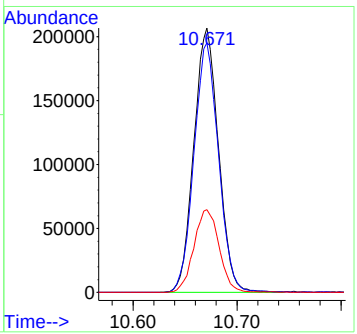


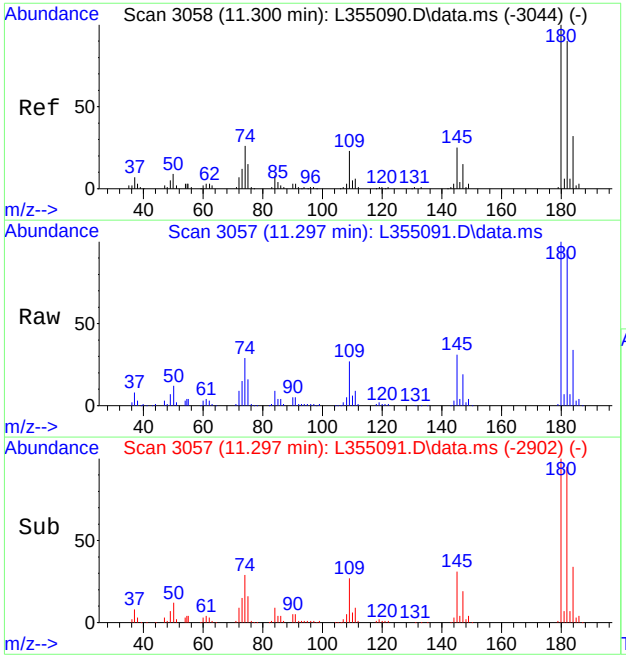


#115
1,3,5-trichlorobenzene
Concen: 102.30 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:180 Resp: 341178

Ion	Ratio	Lower	Upper
180	100		
182	94.3	61.0	121.0
184	31.3	1.5	61.5

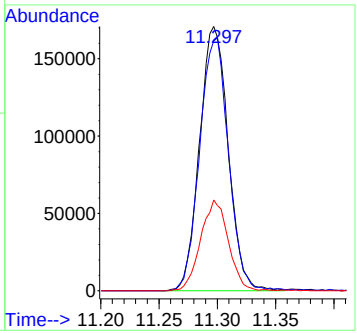


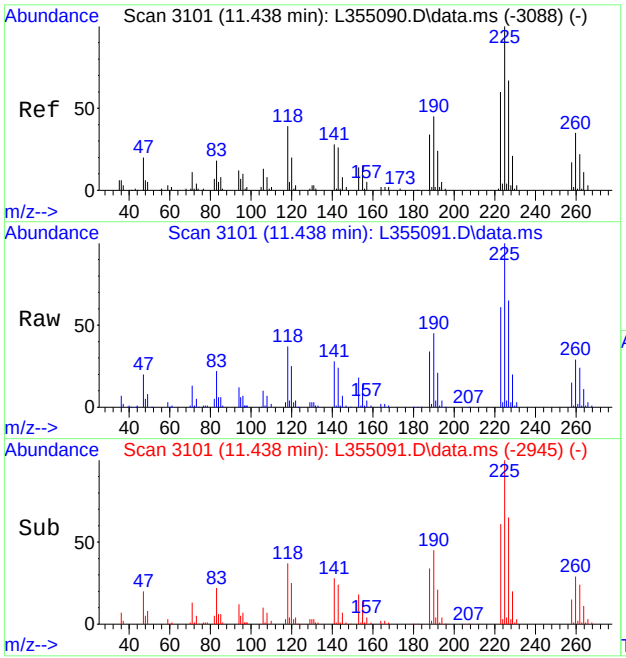


#116
1,2,4-trichlorobenzene
Concen: 110.25 ug/L
RT: 11.297 min Scan# 3057
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:180 Resp: 292625

Ion	Ratio	Lower	Upper
180	100		
182	94.6	59.8	119.8
184	34.4	1.8	61.8

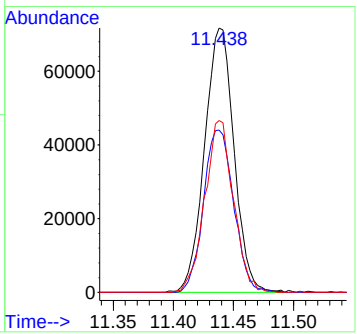


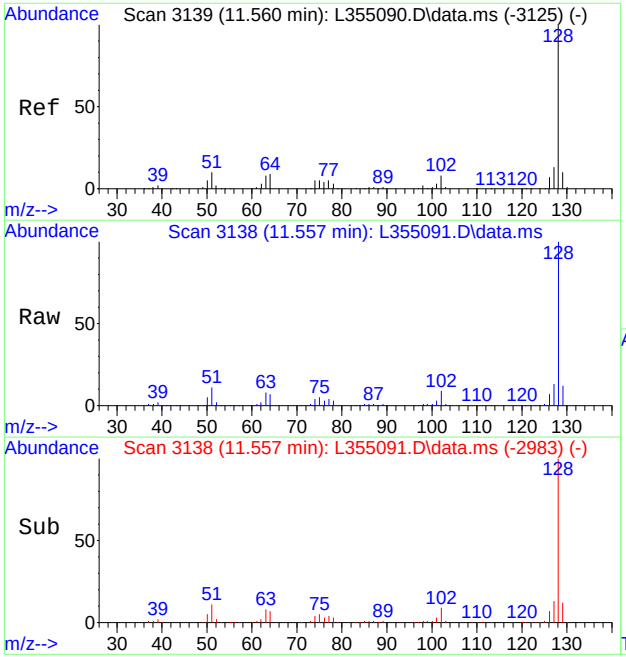


#117
hexachlorobutadiene
Concen: 96.62 ug/L
RT: 11.438 min Scan# 3101
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:225 Resp: 122419

Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.5	90.5
227	65.0	37.2	97.2

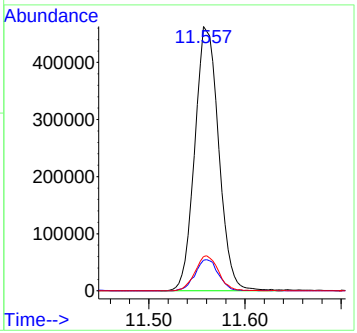


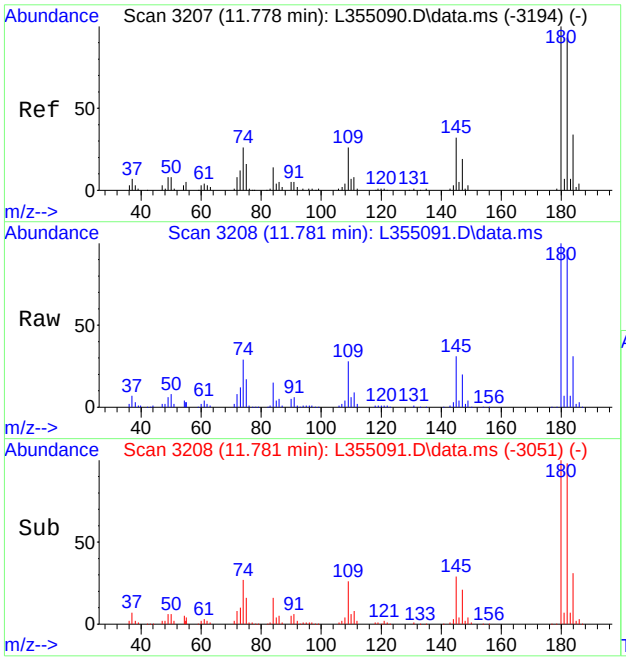


#118
naphthalene
Concen: 109.36 ug/L
RT: 11.557 min Scan# 3138
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:128 Resp: 802423

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	40.2
127	13.0	0.0	43.0

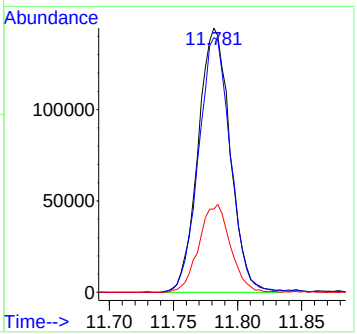


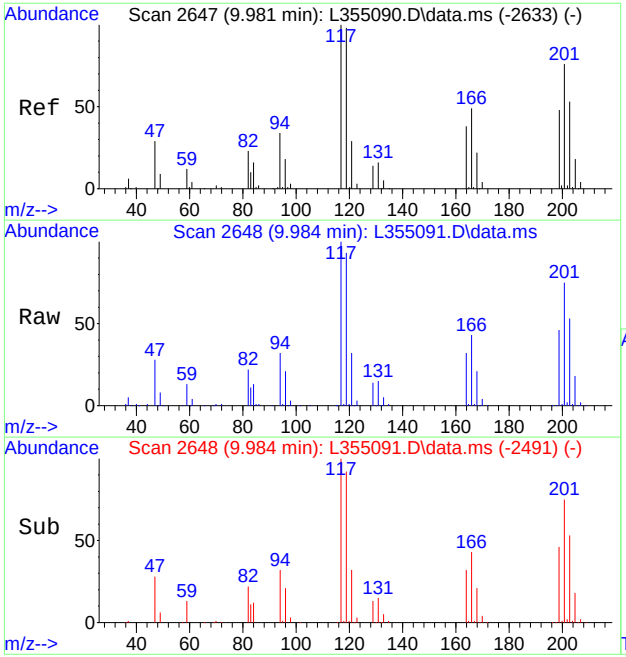


#119
1,2,3-trichlorobenzene
Concen: 110.71 ug/L
RT: 11.781 min Scan# 3208
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:180 Resp: 251464

Ion	Ratio	Lower	Upper
180	100		
182	96.3	63.1	123.1
184	31.5	3.8	63.8

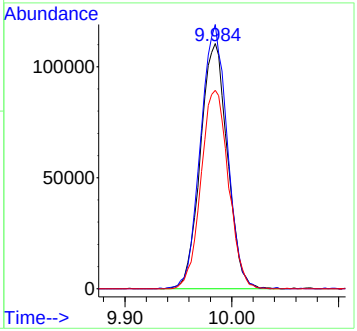


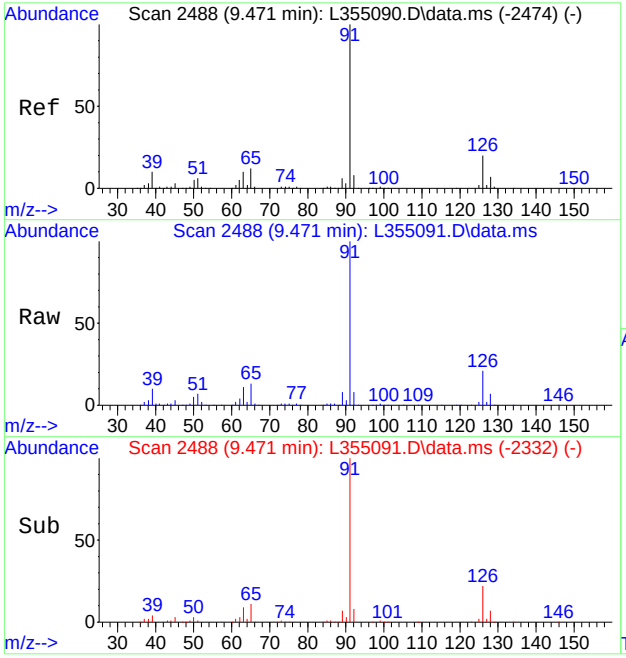


#120
hexachloroethane
Concen: 95.86 ug/L
RT: 9.984 min Scan# 2648
Delta R.T. 0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:119 Resp: 194166

Ion	Ratio	Lower	Upper
119	100		
117	107.8	71.9	131.9
201	80.9	47.2	107.2

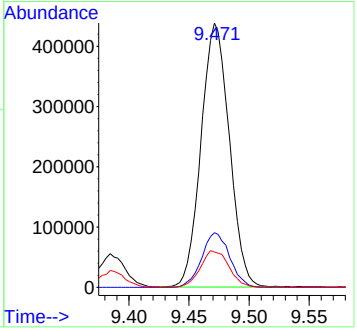


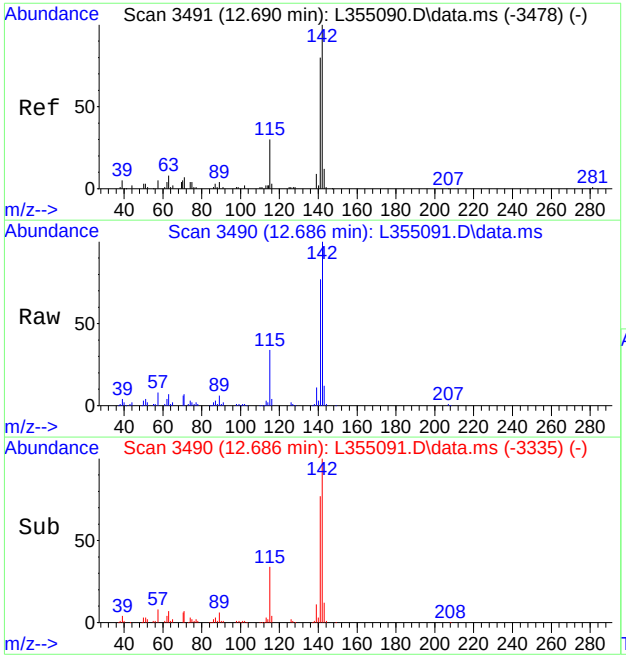


#121
benzyl chloride
Concen: 89.75 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion: 91 Resp: 716741

Ion	Ratio	Lower	Upper
91	100		
126	20.7	0.0	50.3
65	13.4	0.0	42.2

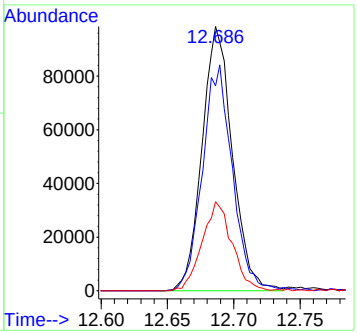




#122
2-methylnaphthalene
Concen: 54.69 ug/L
RT: 12.686 min Scan# 3490
Delta R.T. -0.003 min
Lab File: L355091.D
Acq: 29 Apr 2023 9:15 pm

Tgt Ion:142 Resp: 156981

Ion	Ratio	Lower	Upper
142	100		
141	77.5	59.9	99.9
115	33.7	10.4	50.4



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355092.D
Acq On : 29 Apr 2023 9:38 pm
Operator : PrashanS
Sample : IC10779-200
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 12:51:53 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:40:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	126870	500.00	ug/L	0.00
5) pentafluorobenzene	4.195	168	256258	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	379096	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	349899	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.343	152	125303	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.195	168	256258	50.00	ug/L	0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	125303	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.208	113	107228	50.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.68%			
52) 1,2-dichloroethane-d4 (s)	4.455	65	116215	42.76	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 85.52%			
73) toluene-d8 (s)	5.903	98	436895	46.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.76%			
96) 4-bromofluorobenzene (s)	8.226	95	156808	53.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.96%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.193	88	46195	5703.82	ug/L	90
3) ethanol	2.421	45	378557	18587.29	ug/L	99
4) tertiary butyl alcohol	3.043	59	421268	972.66	ug/L	97
6) chlorodifluoromethane	1.606	51	1166976	166.46	ug/L #	94
7) dichlorodifluoromethane	1.590	85	990014	190.63	ug/L	97
8) chloromethane	1.744	50	986418	172.05	ug/L	93
9) vinyl chloride	1.831	62	795312	179.41	ug/L	94
10) 1,3-butadiene	1.859	54	745469	151.26	ug/L	98
11) bromomethane	2.078	96	331725	196.32	ug/L	90
12) chloroethane	2.155	64	398123	174.65	ug/L	95
13) trichlorofluoromethane	2.338	101	848867	182.22	ug/L	97
14) ethyl ether	2.514	74	379292	185.06	ug/L	98
15) acrolein	2.614	56	194902	191.90	ug/L	98
16) freon 113	2.684	151	424750	168.96	ug/L	97
17) 1,1-dichloroethene	2.694	96	397441	162.96	ug/L	94
18) acetone	2.703	58	299222	555.64	ug/L	91
19) acetonitrile	2.889	40	514452	1666.57	ug/L	96
20) iodomethane	2.806	142	620486	257.50	ug/L	100
21) iso-butyl alcohol	4.346	43	326116	1638.47	ug/L	94
22) carbon disulfide	2.864	76	1606216	156.51	ug/L	95
23) methylene chloride	3.015	84	506273	168.86	ug/L	96
24) methyl acetate	2.902	74	128839	172.28	ug/L #	87
25) methyl tert butyl ether	3.181	73	1526367	156.36	ug/L	93
26) trans-1,2-dichloroethene	3.201	96	444019	157.91	ug/L	97
27) hexane	3.374	57	1143435	156.30	ug/L	98
28) di-isopropyl ether	3.483	45	2006387	135.08	ug/L	92
29) ethyl tert-butyl ether	3.727	59	1925377	155.55	ug/L	98
30) 2-butanone	3.846	72	363043	697.17	ug/L #	71
31) 1,1-dichloroethane	3.493	63	952847	150.19	ug/L	94
32) chloroprene	3.544	53	1034988	158.01	ug/L	97
33) acrylonitrile	3.162	53	396500	187.44	ug/L	94
34) vinyl acetate	3.464	86	140423	200.47	ug/L #	56
35) ethyl acetate	3.859	45	157589	171.87	ug/L	90
36) 2,2-dichloropropane	3.884	77	693024	147.07	ug/L	96
37) cis-1,2-dichloroethene	3.875	96	473709	156.03	ug/L	97
38) propionitrile	3.897	54	1033139	1485.84	ug/L	91
39) methyl acrylate	3.903	85	96621	167.50	ug/L #	92
40) bromochloromethane	4.041	128	227129	166.04	ug/L	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355092.D
Acq On : 29 Apr 2023 9:38 pm
Operator : PrashanS
Sample : IC10779-200
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 12:51:53 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:40:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.051	72	110425	183.47	ug/L		97
42) chloroform	4.096	83	853901	155.15	ug/L		96
44) methacrylonitrile	4.003	67	321750	180.56	ug/L		96
45) 1,1,1-trichloroethane	4.234	97	767432	186.73	ug/L		94
46) cyclohexane	4.295	84	753520	164.87	ug/L		89
47) 1,1-dichloropropene	4.340	75	672227	166.48	ug/L		98
48) carbon tetrachloride	4.346	117	604914	164.57	ug/L		99
49) isopropyl acetate	4.459	87	155301	184.79	ug/L	#	76
50) tert amyl alcohol	4.439	55	170219	923.27	ug/L		96
53) tert-amyl methyl ether	4.548	73	1447975	146.58	ug/L		96
54) 2,2,4-trimethylpentane	4.548	57	1794479	140.47	ug/L		94
55) n-butyl alcohol	4.821	56	828197	9382.07	ug/L		98
56) benzene	4.487	78	1814232	146.16	ug/L		92
57) heptane	4.661	57	519199	175.89	ug/L		96
58) 1,2-dichloroethane	4.513	62	699086	152.89	ug/L		99
59) trichloroethene	4.953	95	548607	169.35	ug/L		98
60) ethyl acrylate	4.975	55	1071909	159.22	ug/L		99
61) 2-nitropropane	5.502	41	308356	193.27	ug/L		100
62) 2-chloroethyl vinyl ether	5.534	63	1430491	928.89	ug/L		96
63) methyl methacrylate	5.152	100	165402	166.13	ug/L	#	77
64) 1,2-dichloropropane	5.152	63	588144	148.44	ug/L		96
65) methylcyclohexane	5.142	83	937795	157.70	ug/L		96
66) dibromomethane	5.219	93	321637	168.03	ug/L		98
67) bromodichloromethane	5.341	83	747502	164.10	ug/L		94
68) cis-1,3-dichloropropene	5.678	75	959819	164.58	ug/L		96
69) epichlorohydrin	5.588	57	464207	893.67	ug/L		98
70) 4-methyl-2-pentanone	5.777	58	1280398	585.93	ug/L	#	83
71) 3-methyl-1-butanol	5.800	70	307391	3301.32	ug/L		94
74) toluene	5.960	92	1251620	158.54	ug/L		92
75) trans-1,3-dichloropropene	6.130	75	894466	159.05	ug/L		98
76) ethyl methacrylate	6.153	69	786912	151.82	ug/L		99
77) 1,1,2-trichloroethane	6.301	83	445822	159.57	ug/L		95
79) tetrachloroethene	6.397	166	556979	169.62	ug/L		98
80) 1,3-dichloropropane	6.445	76	818211	148.87	ug/L		99
81) butyl acetate	6.551	56	603107	161.90	ug/L		99
82) dibromochloromethane	6.634	129	549537	164.51	ug/L		96
83) 1,2-dibromoethane	6.750	107	564236	171.89	ug/L		100
84) n-butyl ether	7.225	57	2360616	139.18	ug/L		91
85) chlorobenzene	7.177	112	1350648	163.99	ug/L		98
86) 1,1,1,2-tetrachloroethane	7.247	131	415905	143.85	ug/L		99
87) ethylbenzene	7.250	91	1906237	134.09	ug/L		92
88) m,p-xylene	7.366	106	1622999	284.43	ug/L		90
89) o-xylene	7.722	106	838299	143.53	ug/L		93
90) butyl acrylate	7.642	55	1505355	154.28	ug/L		96
91) styrene	7.738	104	1286098	140.10	ug/L		97
92) bromoform	7.915	173	410803	167.22	ug/L		96
93) isopropylbenzene	8.056	105	2045706	139.92	ug/L		93
94) cis-1,4-dichloro-2-butene	8.110	88	291078	182.86	ug/L		97
97) bromobenzene	8.370	156	503275	182.64	ug/L		94
98) 1,1,2,2-tetrachloroethane	8.345	83	739612	184.64	ug/L		99
99) trans-1,4-dichloro-2-b...	8.380	53	242793	188.82	ug/L		94
100) 1,2,3-trichloropropane	8.402	110	189375	175.63	ug/L		92
101) n-propylbenzene	8.450	91	2191778	155.07	ug/L		94
102) 2-chlorotoluene	8.547	126	477524	175.71	ug/L		98
103) 4-chlorotoluene	8.662	126	460938	175.00	ug/L		91
104) 1,3,5-trimethylbenzene	8.621	105	1589214	159.97	ug/L		95
105) tert-butylbenzene	8.925	119	1399948	169.62	ug/L		97
106) 1,2,4-trimethylbenzene	8.983	105	1592340	160.40	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355092.D
Acq On : 29 Apr 2023 9:38 pm
Operator : PrashanS
Sample : IC10779-200
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 12:51:53 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:40:58 2023
Response via : Initial Calibration

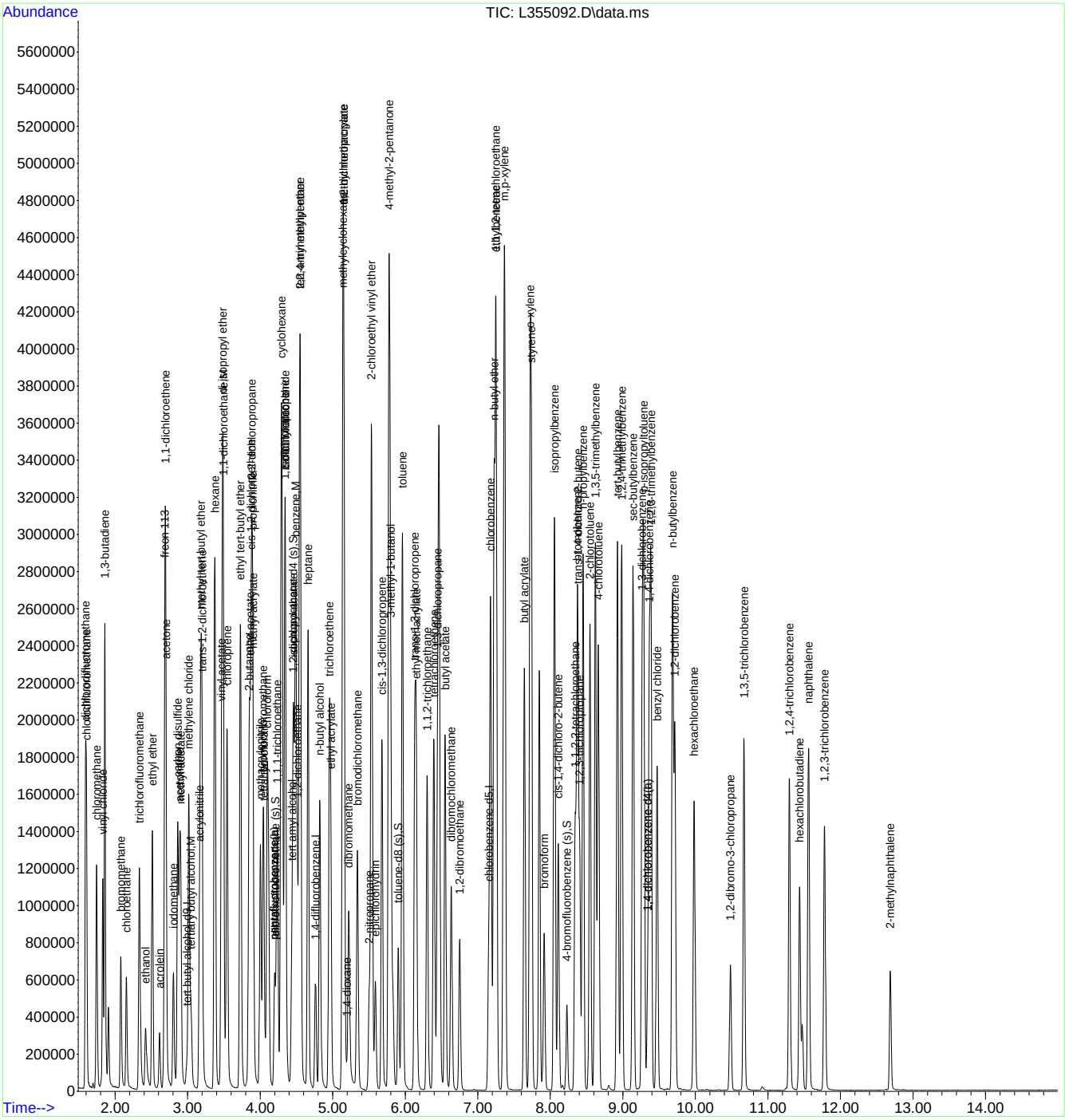
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) sec-butylbenzene	9.140	105	1978513	163.93	ug/L	95
108) 1,3-dichlorobenzene	9.266	146	870336	181.98	ug/L	97
109) p-isopropyltoluene	9.288	119	1483711	158.93	ug/L	95
110) 1,4-dichlorobenzene	9.365	146	791181	182.20	ug/L	97
111) 1,2,3-trimethylbenzene	9.387	105	1440132	159.63	ug/L	95
112) 1,2-dichlorobenzene	9.715	146	780185	176.21	ug/L	97
113) n-butylbenzene	9.686	92	868919	189.55	ug/L	97
114) 1,2-dibromo-3-chloropr...	10.482	157	189657	226.11	ug/L	97
115) 1,3,5-trichlorobenzene	10.671	180	613737	210.73	ug/L	97
116) 1,2,4-trichlorobenzene	11.294	180	546952	233.67	ug/L	96
117) hexachlorobutadiene	11.435	225	230761	210.05	ug/L	96
118) naphthalene	11.560	128	1438264	222.79	ug/L	95
119) 1,2,3-trichlorobenzene	11.781	180	466743	232.88	ug/L	98
120) hexachloroethane	9.981	119	353402	201.42	ug/L	96
121) benzyl chloride	9.471	91	1262816	183.96	ug/L	96
122) 2-methylnaphthalene	12.683	142	331539	119.88	ug/L	100

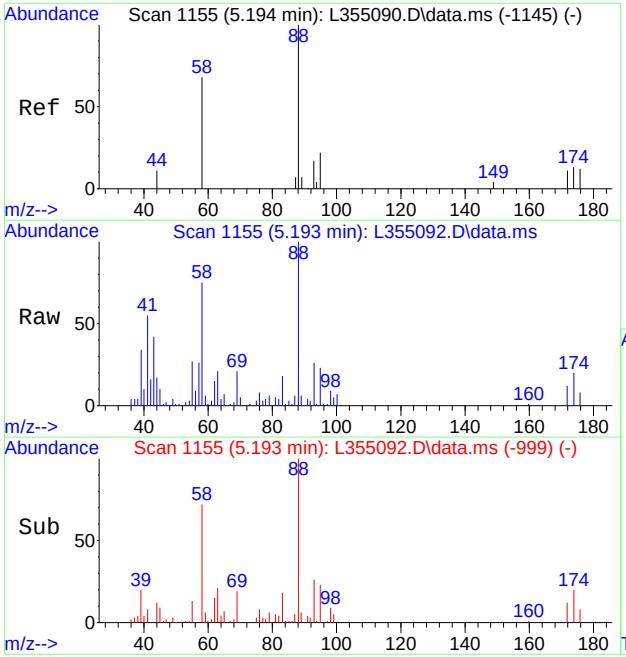
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355092.D
Acq On : 29 Apr 2023 9:38 pm
Operator : PrashanS
Sample : IC10779-200
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 12:51:53 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:40:58 2023
Response via : Initial Calibration

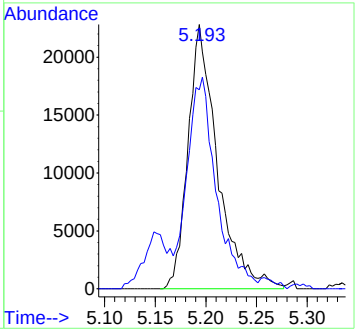


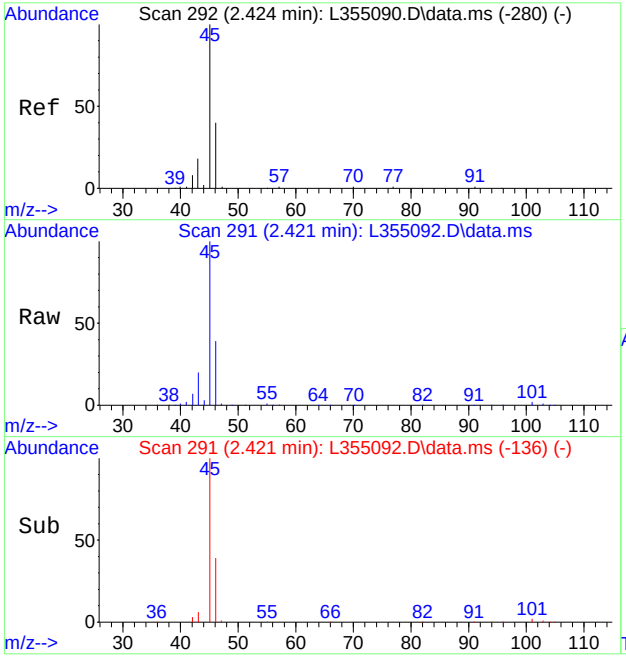


#2
1,4-dioxane
Concen: 5703.82 ug/L
RT: 5.193 min Scan# 1155
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 88 Resp: 46195

Ion	Ratio	Lower	Upper
88	100		
58	74.0	53.2	113.2

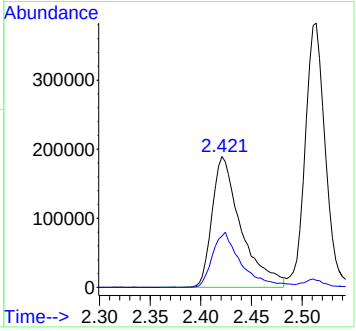


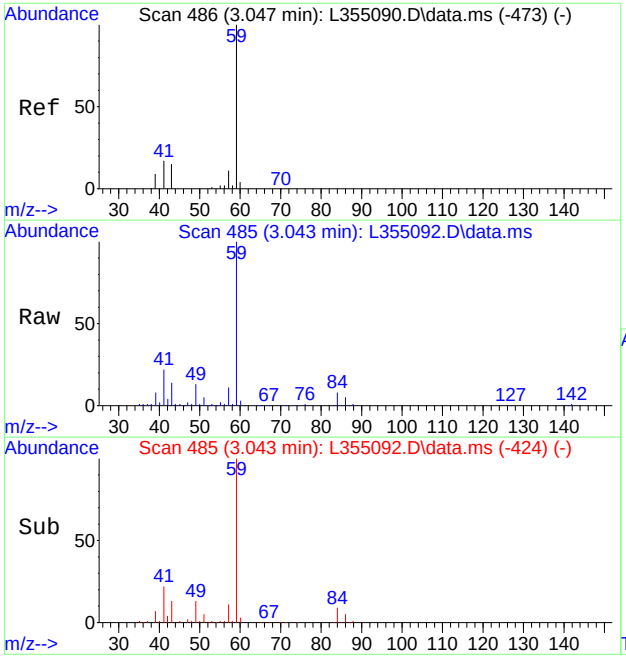


#3
ethanol
Concen: 18587.29 ug/L
RT: 2.421 min Scan# 291
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 45 Resp: 378557

Ion	Ratio	Lower	Upper
45	100		
46	39.2	20.0	60.0

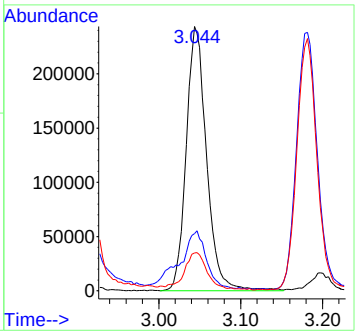


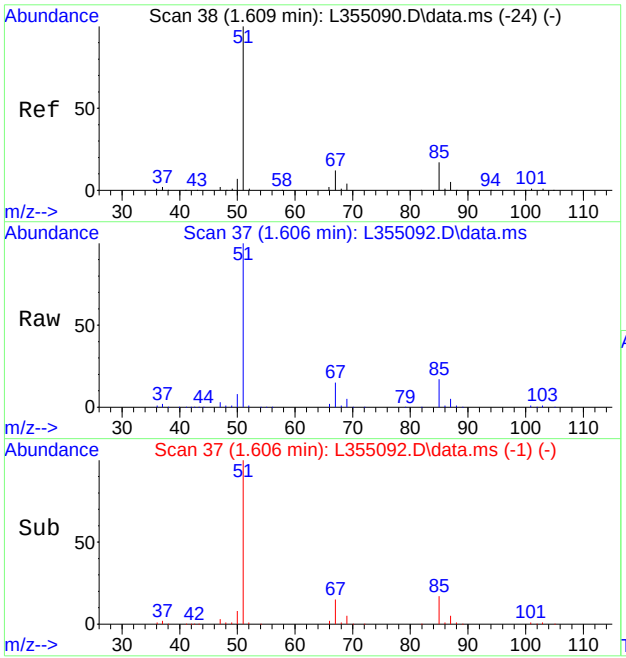


#4
tertiary butyl alcohol
Concen: 972.66 ug/L
RT: 3.043 min Scan# 485
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 59 Resp: 421268

Ion	Ratio	Lower	Upper
59	100		
41	18.0	0.0	47.4
43	12.5	0.0	44.8

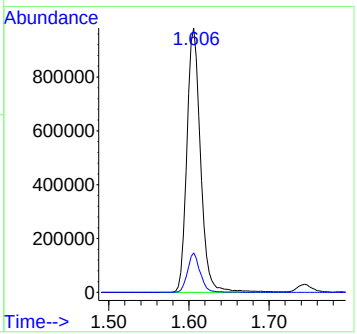


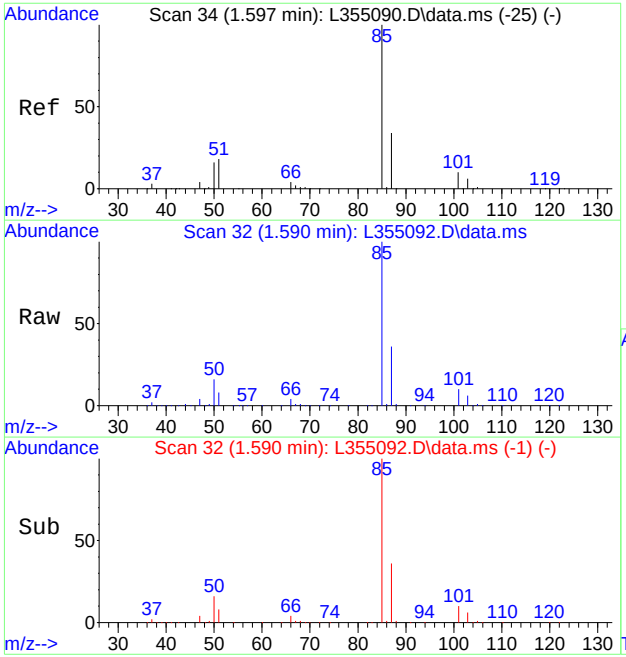


#6
chlorodifluoromethane
Concen: 166.46 ug/L
RT: 1.606 min Scan# 37
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 51 Resp: 1166976

Ion	Ratio	Lower	Upper
51	100		
67	14.9	12.4	12.4#

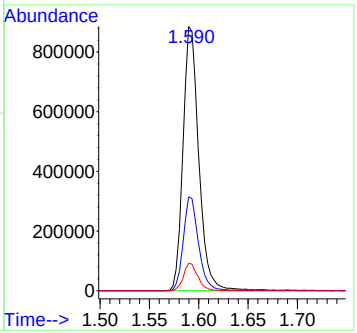


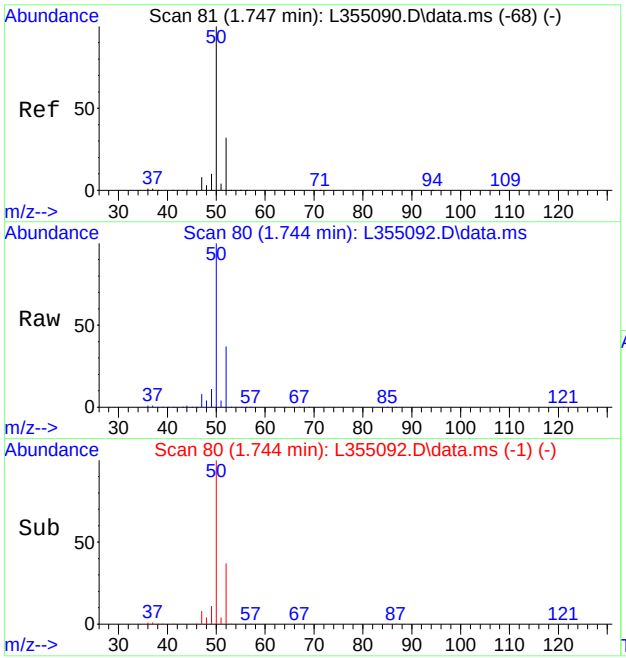


#7
dichlorodifluoromethane
Concen: 190.63 ug/L
RT: 1.590 min Scan# 32
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 85 Resp: 990014

Ion	Ratio	Lower	Upper
85	100		
87	35.5	3.9	63.9
101	10.4	0.0	39.7

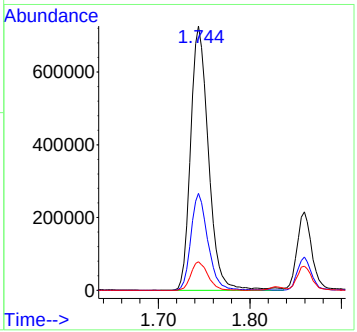


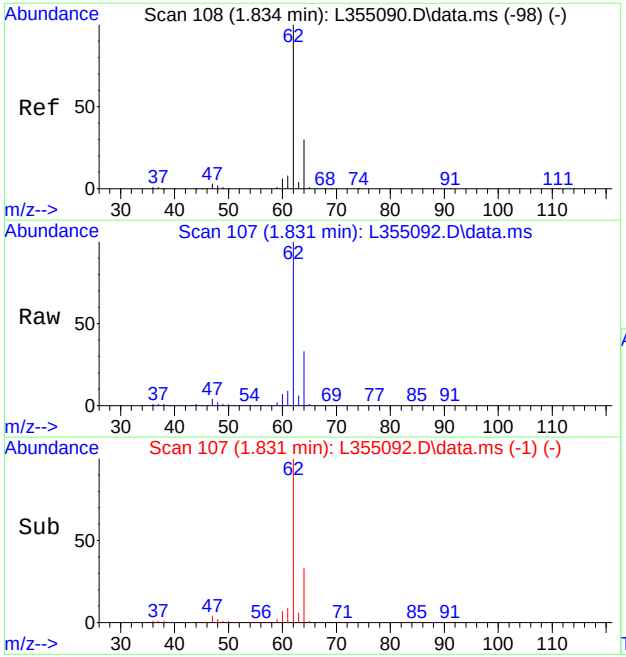


#8
chloromethane
Concen: 172.05 ug/L
RT: 1.744 min Scan# 80
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 50 Resp: 986418

Ion	Ratio	Lower	Upper
50	100		
52	36.7	1.7	61.7
49	10.8	0.0	40.1

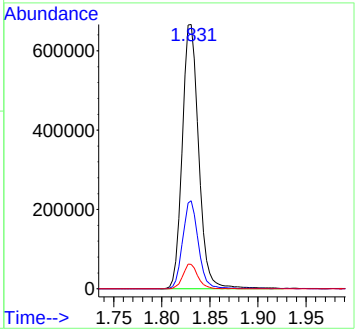


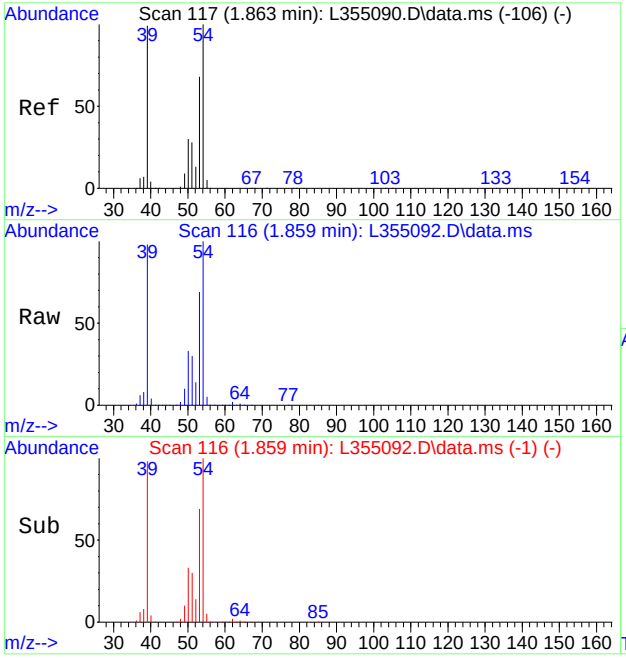


#9
vinyl chloride
Concen: 179.41 ug/L
RT: 1.831 min Scan# 107
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 62 Resp: 795312

Ion	Ratio	Lower	Upper
62	100		
64	33.2	0.0	60.0
61	9.3	0.0	37.5

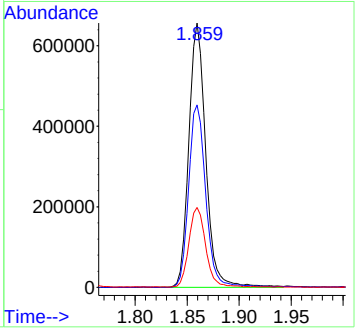


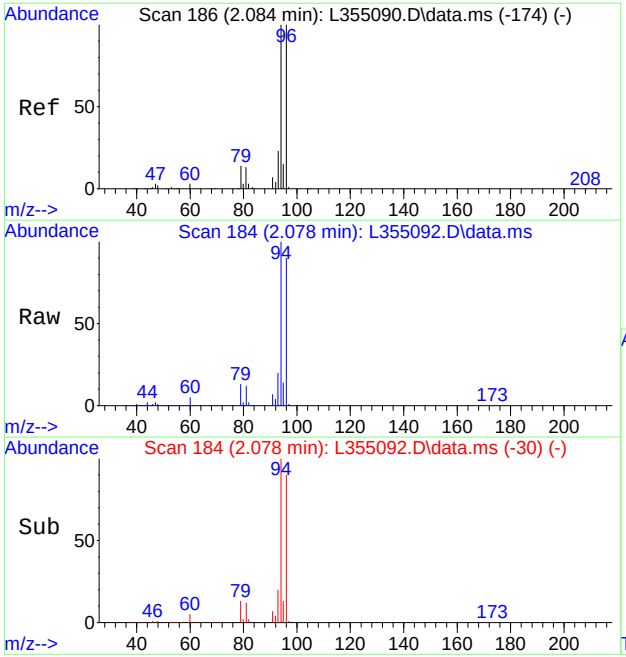


#10
1,3-butadiene
Concen: 151.26 ug/L
RT: 1.859 min Scan# 116
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 54 Resp: 745469

Ion	Ratio	Lower	Upper
54	100		
53	69.0	38.4	98.4
51	30.1	0.0	57.9

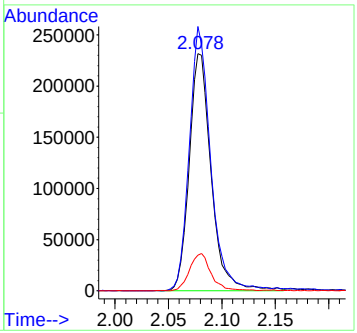


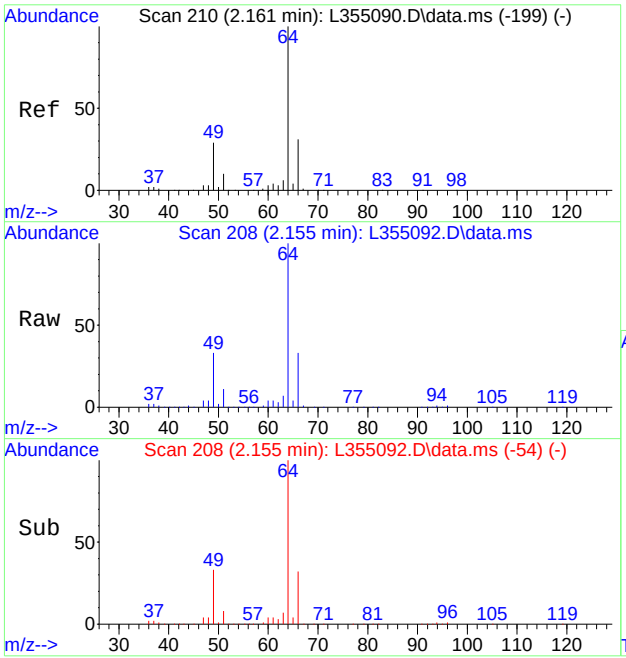


#11
bromomethane
Concen: 196.32 ug/L
RT: 2.078 min Scan# 184
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 96 Resp: 331725

Ion	Ratio	Lower	Upper
96	100		
94	111.6	70.4	130.4
95	14.9	0.0	44.4

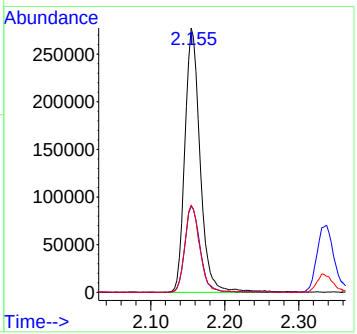


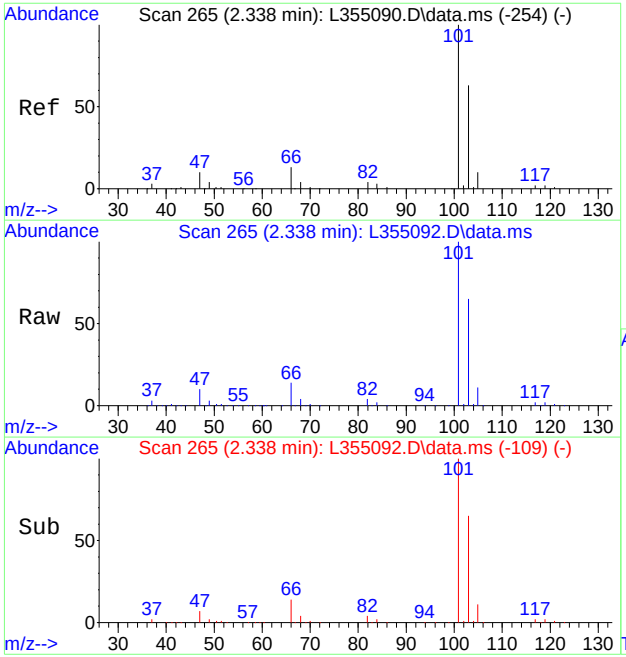


#12
chloroethane
Concen: 174.65 ug/L
RT: 2.155 min Scan# 208
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 64 Resp: 398123

Ion	Ratio	Lower	Upper
64	100		
66	32.6	1.3	61.3
49	33.1	0.0	58.9

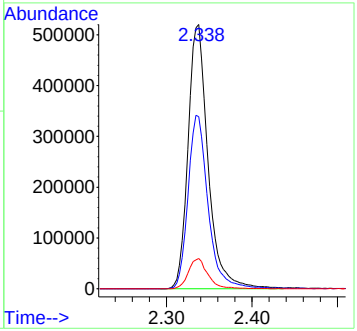


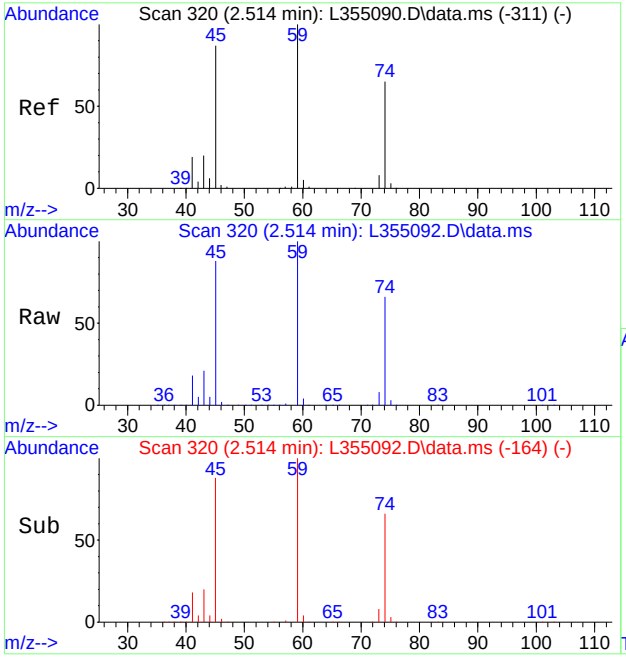


#13
trichlorofluoromethane
Concen: 182.22 ug/L
RT: 2.338 min Scan# 265
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:101 Resp: 848867

Ion	Ratio	Lower	Upper
101	100		
103	65.1	32.9	92.9
105	11.4	0.0	40.4

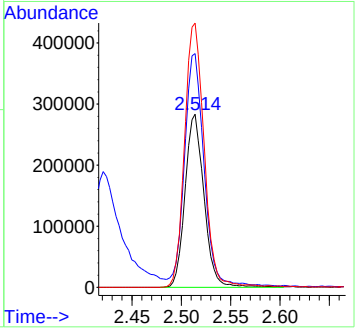


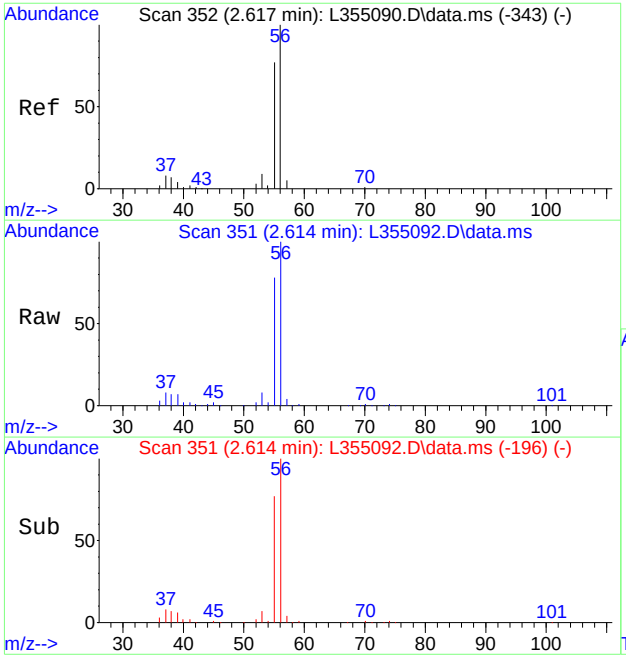


#14
ethyl ether
Concen: 185.06 ug/L
RT: 2.514 min Scan# 320
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 74 Resp: 379292

Ion	Ratio	Lower	Upper
74	100		
45	133.7	108.0	168.0
59	152.6	124.3	184.3

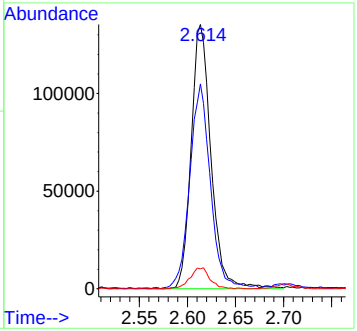


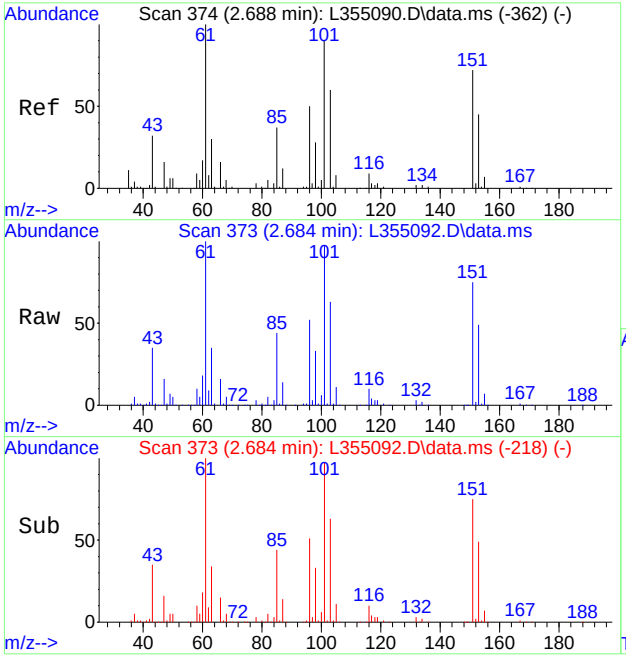


#15
acrolein
Concen: 191.90 ug/L
RT: 2.614 min Scan# 351
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 56 Resp: 194902

Ion	Ratio	Lower	Upper
56	100		
55	77.5	48.6	108.6
53	7.4	0.0	38.7

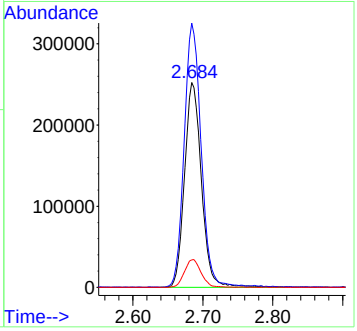


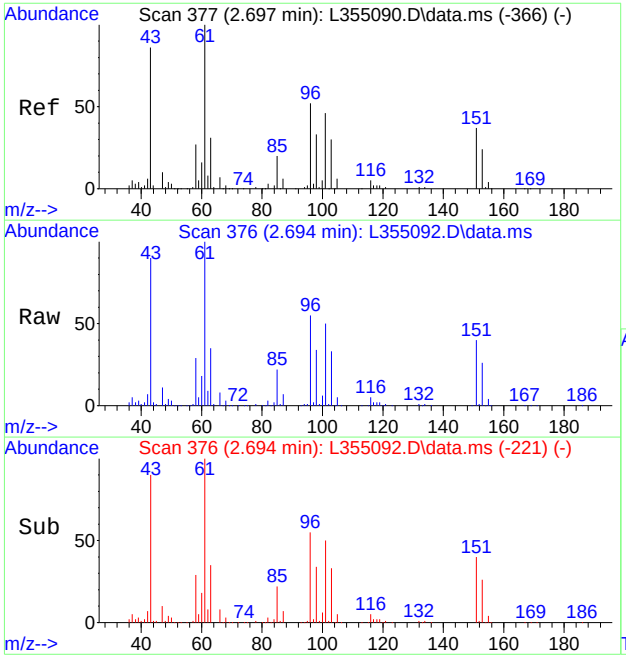


#16
freon 113
Concen: 168.96 ug/L
RT: 2.684 min Scan# 373
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:151 Resp: 424750

Ion	Ratio	Lower	Upper
151	100		
101	128.9	105.0	145.0
116	13.5	0.0	31.9

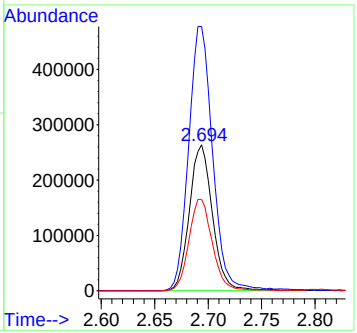


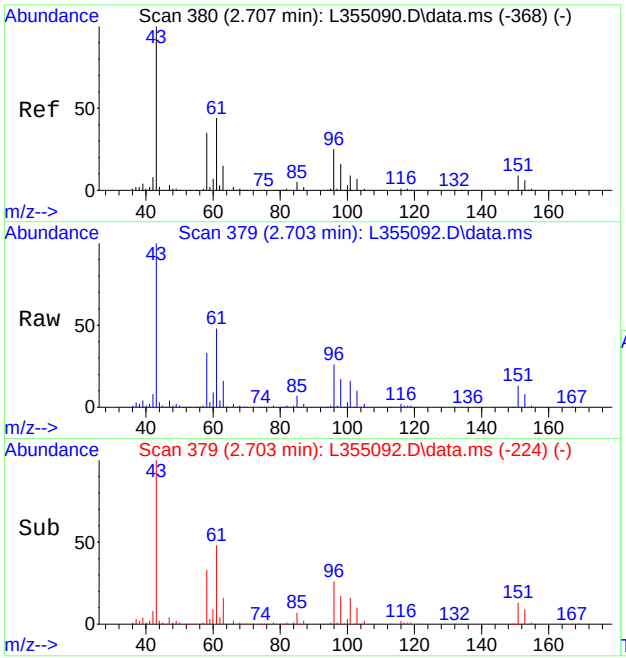


#17
1,1-dichloroethene
Concen: 162.96 ug/L
RT: 2.694 min Scan# 376
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 96 Resp: 397441

Ion	Ratio	Lower	Upper
96	100		
61	181.2	160.9	220.9
63	62.7	29.9	89.9

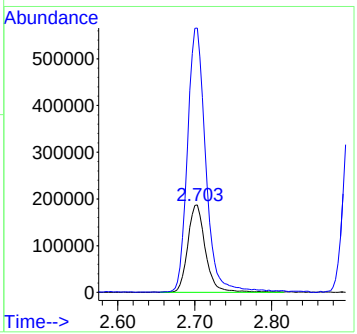


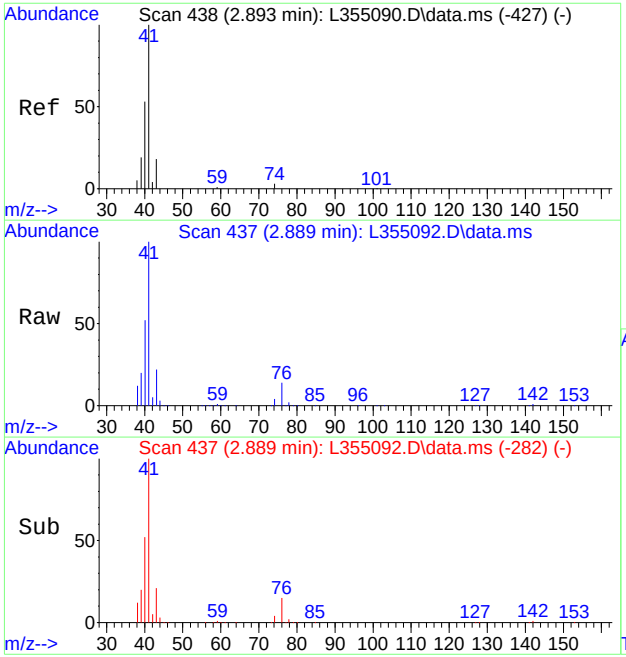


#18
acetone
Concen: 555.64 ug/L
RT: 2.703 min Scan# 379
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 58 Resp: 299222

Ion	Ratio	Lower	Upper
58	100		
43	301.5	253.7	313.7

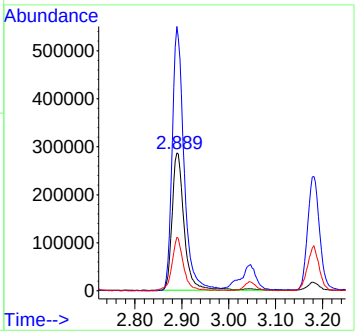


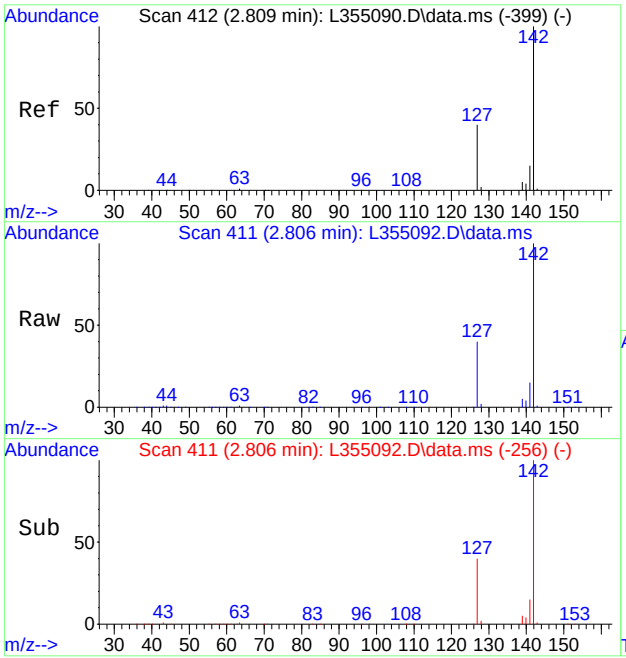


#19
acetonitrile
Concen: 1666.57 ug/L
RT: 2.889 min Scan# 437
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 40 Resp: 514452

Ion	Ratio	Lower	Upper
40	100		
41	192.1	156.9	216.9
39	38.7	5.5	65.5

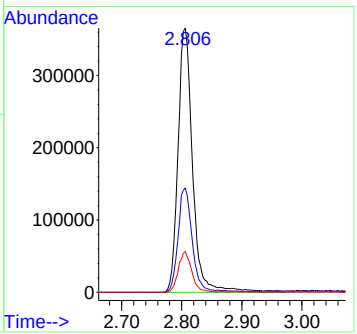


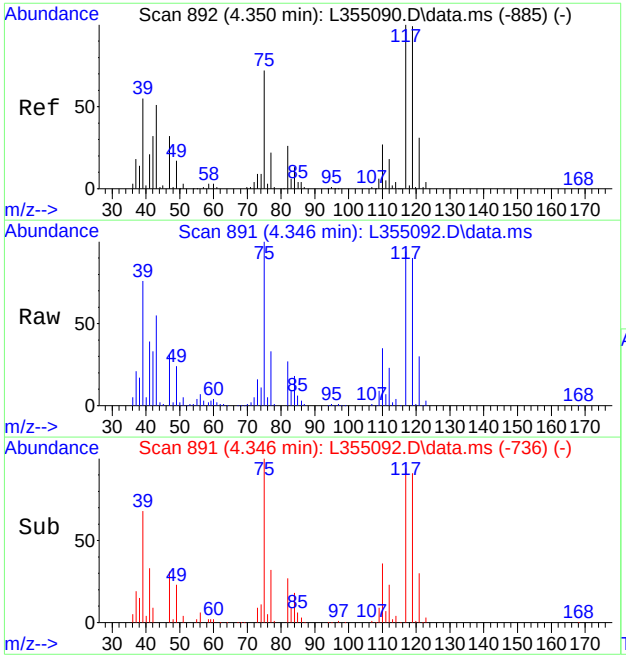


#20
iodomethane
Concen: 257.50 ug/L
RT: 2.806 min Scan# 411
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:142 Resp: 620486

Ion	Ratio	Lower	Upper
142	100		
127	39.5	9.8	69.8
141	15.5	0.0	45.4

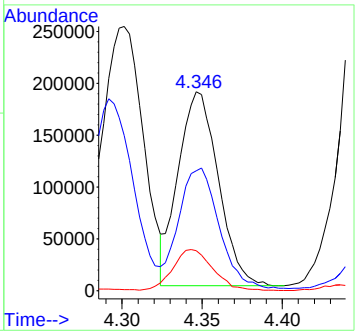


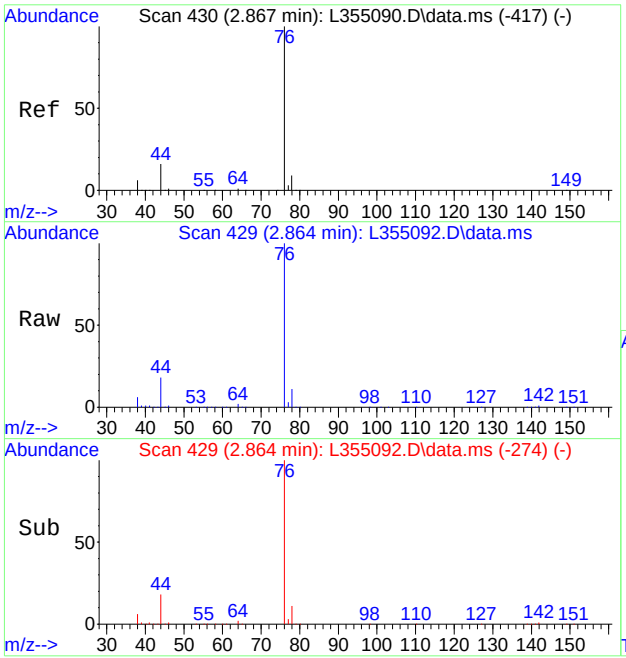


#21
iso-butyl alcohol
Concen: 1638.47 ug/L
RT: 4.346 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 43 Resp: 326116

Ion	Ratio	Lower	Upper
43	100		
42	60.6	26.5	86.5
74	20.6	0.0	48.2

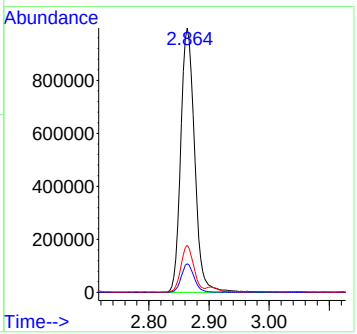




#22
carbon disulfide
Concen: 156.51 ug/L
RT: 2.864 min Scan# 429
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

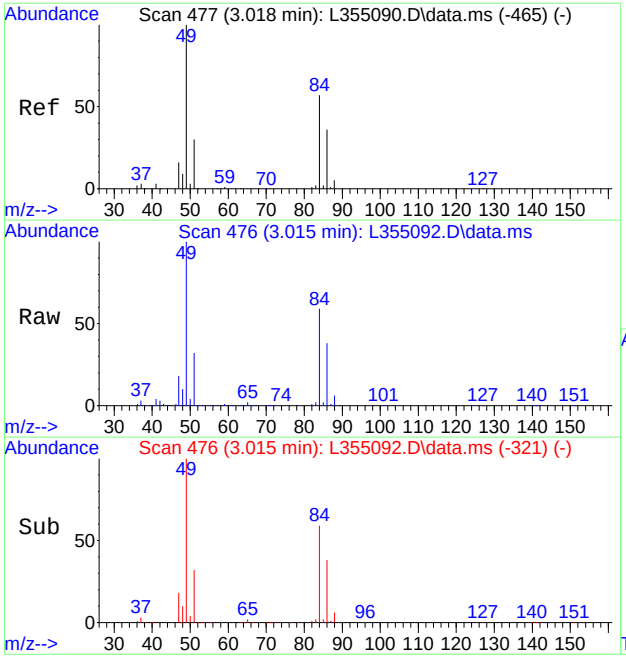
Tgt Ion: 76 Resp: 1606216

Ion	Ratio	Lower	Upper
76	100		
78	10.8	0.0	39.1
44	17.7	0.0	45.8



7.7.49

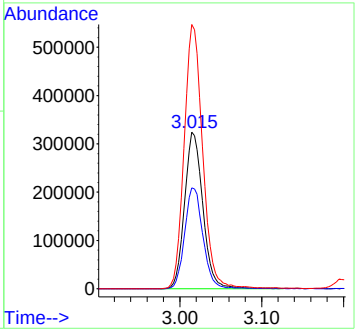
7

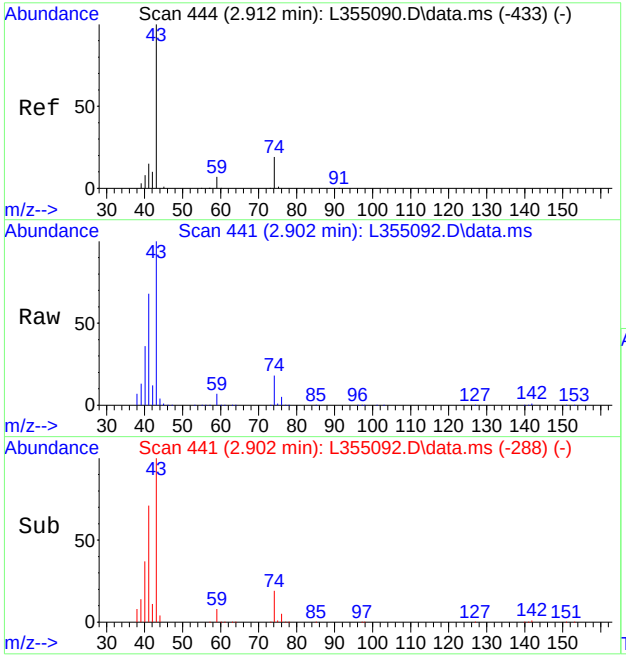


#23
methylene chloride
Concen: 168.86 ug/L
RT: 3.015 min Scan# 476
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 84 Resp: 506273

Ion	Ratio	Lower	Upper
84	100		
86	64.4	33.9	93.9
49	168.6	146.7	206.7

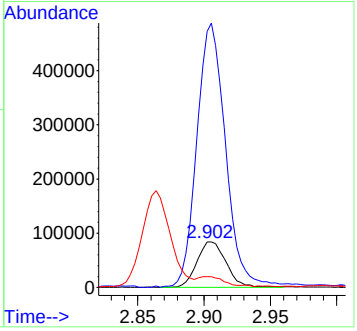


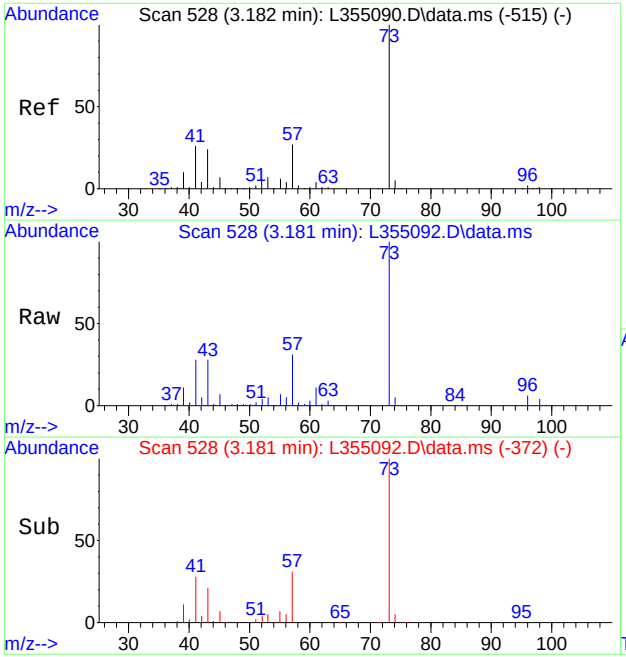


#24
methyl acetate
Concen: 172.28 ug/L
RT: 2.902 min Scan# 441
Delta R.T. -0.010 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 74 Resp: 128839

Ion	Ratio	Lower	Upper
74	100		
43	563.2	495.9	555.9#
44	21.2	0.0	47.9

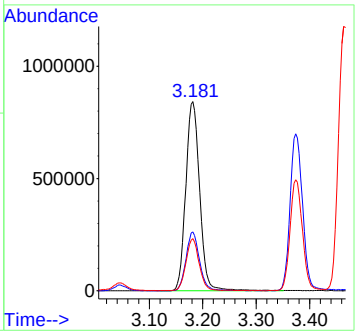


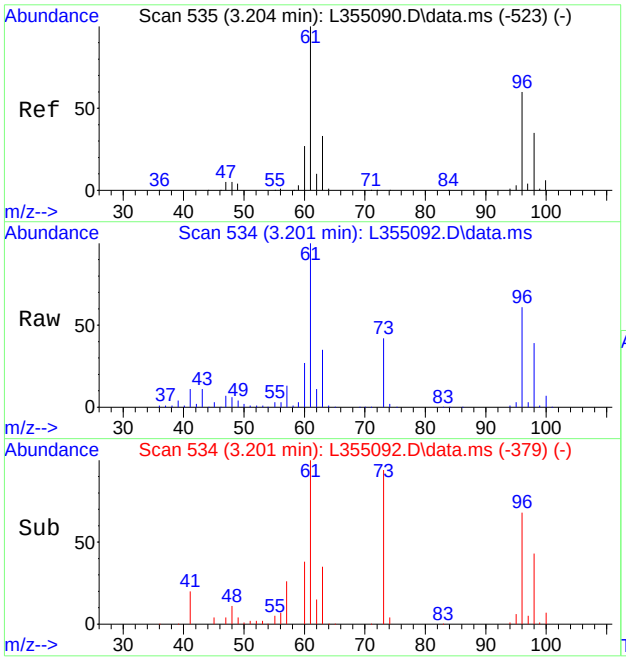


#25
methyl tert butyl ether
Concen: 156.36 ug/L
RT: 3.181 min Scan# 528
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 73 Resp: 1526367

Ion	Ratio	Lower	Upper
73	100		
57	31.1	0.0	57.4
43	27.4	0.0	54.2

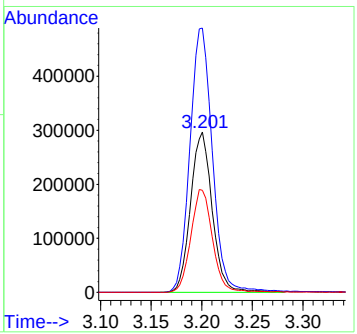


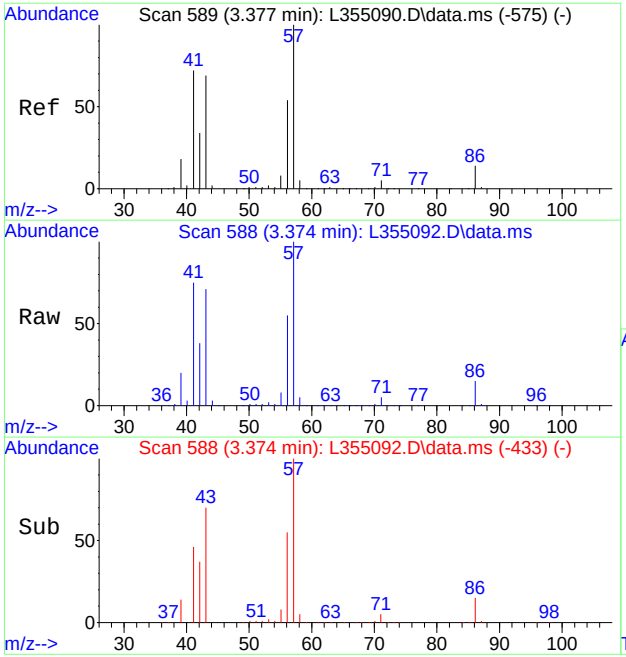


#26
trans-1,2-dichloroethene
Concen: 157.91 ug/L
RT: 3.201 min Scan# 534
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 96 Resp: 444019

Ion	Ratio	Lower	Upper
96	100		
61	164.9	136.4	196.4
98	63.7	28.2	88.2

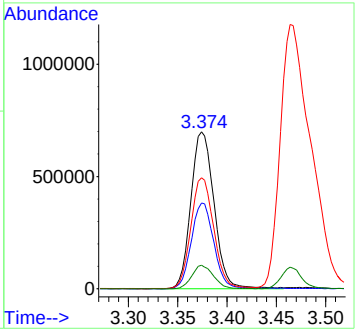


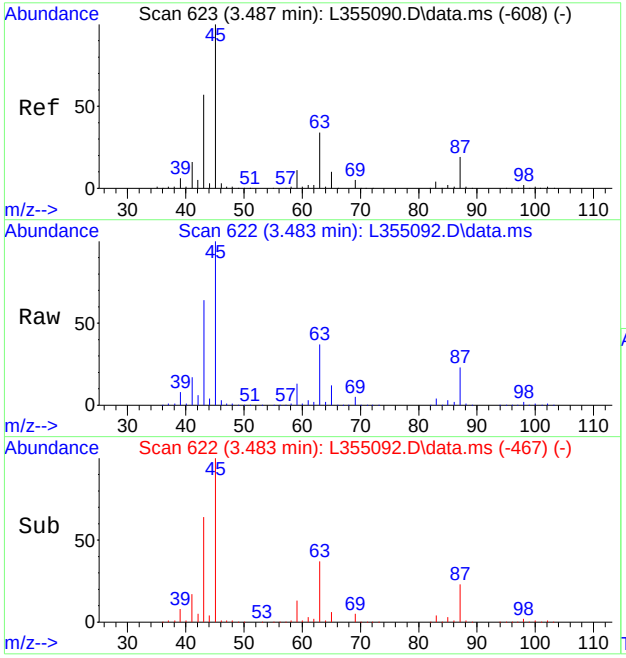


#27
hexane
Concen: 156.30 ug/L
RT: 3.374 min Scan# 588
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 57 Resp: 1143435

Ion	Ratio	Lower	Upper
57	100		
56	54.7	33.8	73.8
43	70.7	49.1	89.1
86	15.1	0.0	34.3

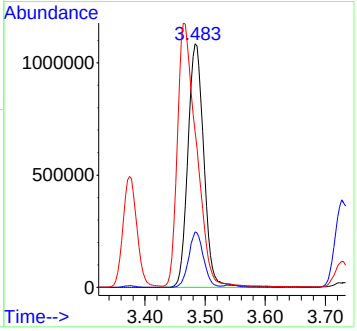


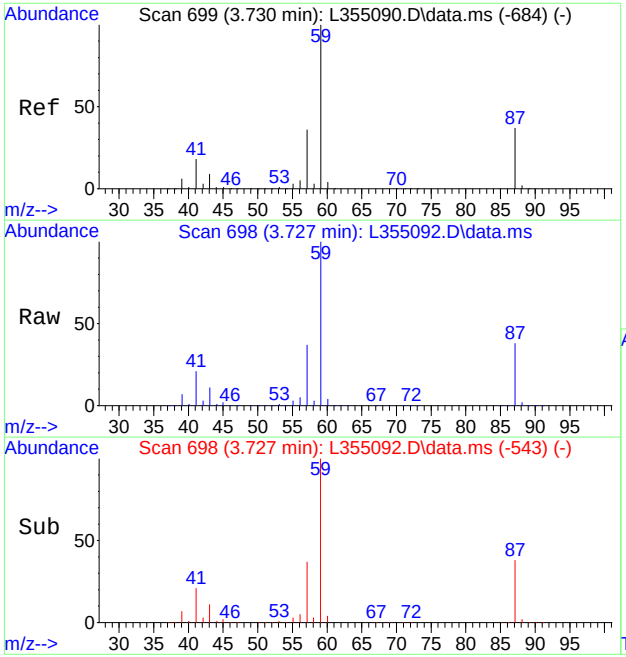


#28
di-isopropyl ether
Concen: 135.08 ug/L
RT: 3.483 min Scan# 622
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 45 Resp: 2006387

Ion	Ratio	Lower	Upper
45	100		
87	22.8	0.0	49.3
43	63.6	27.4	87.4

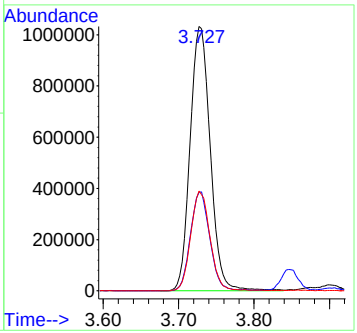


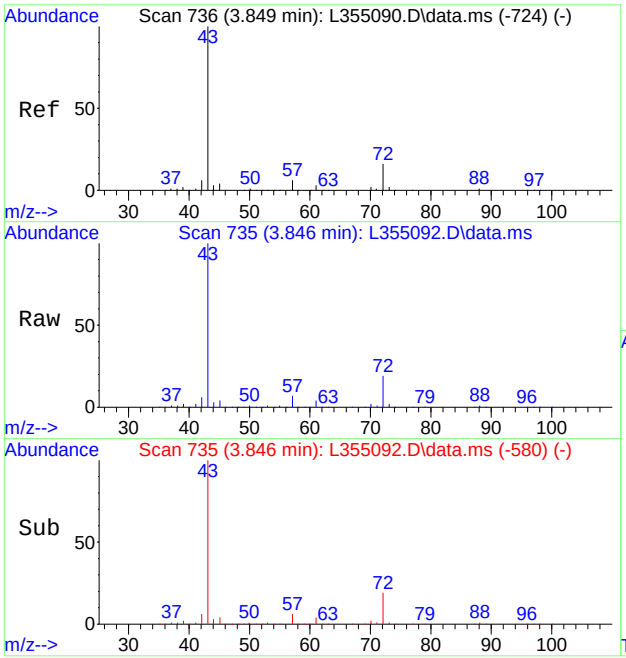


#29
ethyl tert-butyl ether
Concen: 155.55 ug/L
RT: 3.727 min Scan# 698
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 59 Resp: 1925377

Ion	Ratio	Lower	Upper
59	100		
57	37.2	5.9	65.9
87	37.7	6.7	66.7

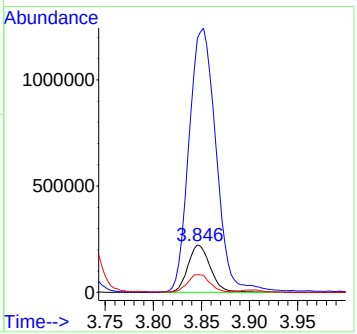


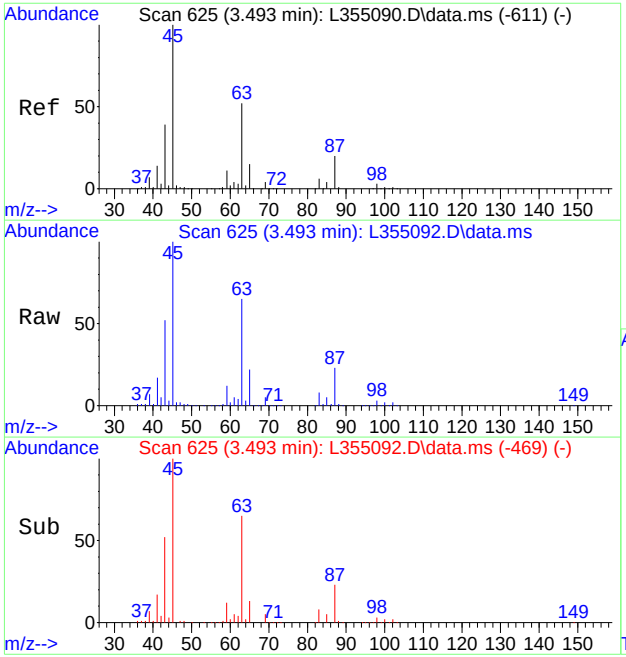


#30
2-butanone
Concen: 697.17 ug/L
RT: 3.846 min Scan# 735
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 72 Resp: 363043

Ion	Ratio	Lower	Upper
72	100		
43	535.1	604.7	664.7#
57	36.9	10.0	70.0

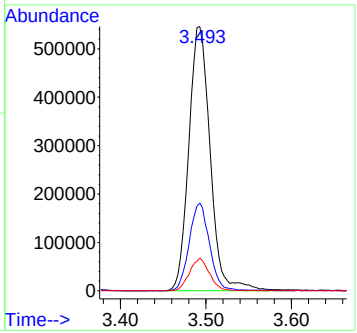


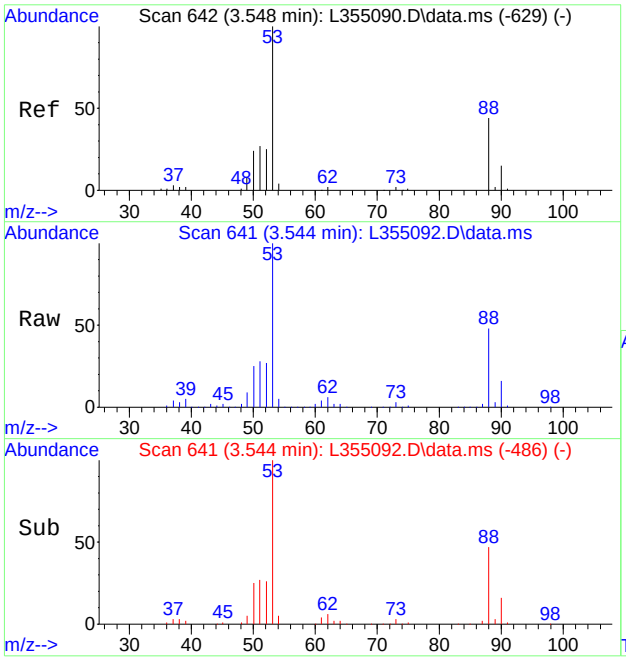


#31
1,1-dichloroethane
Concen: 150.19 ug/L
RT: 3.493 min Scan# 625
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 63 Resp: 952847

Ion	Ratio	Lower	Upper
63	100		
65	33.2	0.0	59.0
83	12.4	0.0	41.4

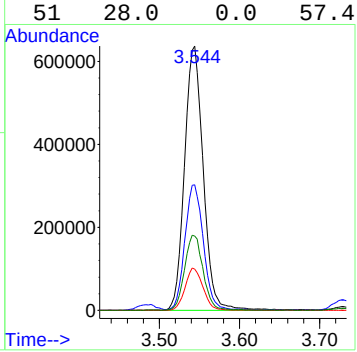


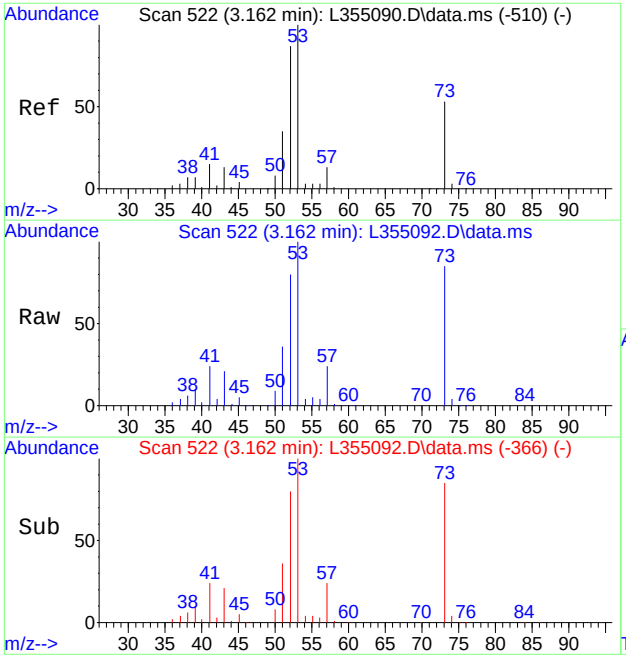


#32
chloroprene
Concen: 158.01 ug/L
RT: 3.544 min Scan# 641
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 53 Resp: 1034988

Ion	Ratio	Lower	Upper
53	100		
88	47.4	14.5	74.5
90	15.6	0.0	45.2
51	28.0	0.0	57.4

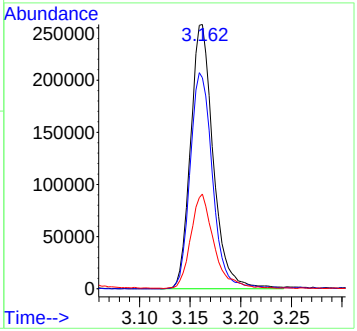


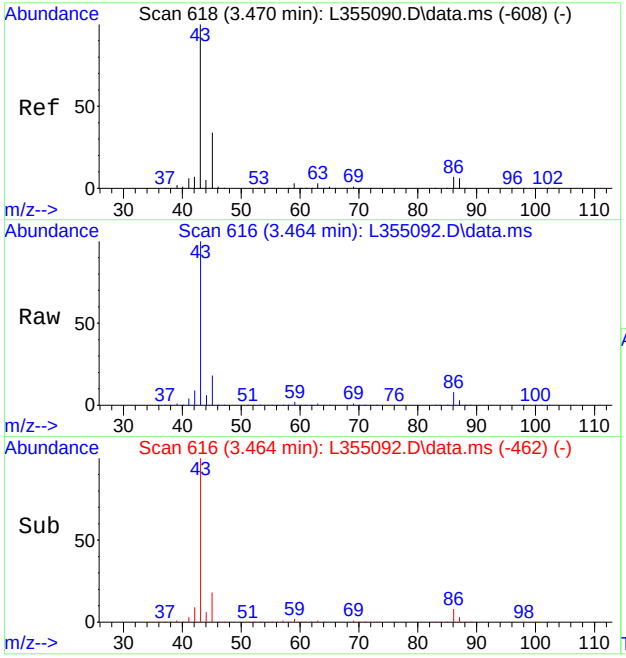


#33
acrylonitrile
Concen: 187.44 ug/L
RT: 3.162 min Scan# 522
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 53 Resp: 396500

Ion	Ratio	Lower	Upper
53	100		
52	79.8	57.3	117.3
51	35.6	5.3	65.3

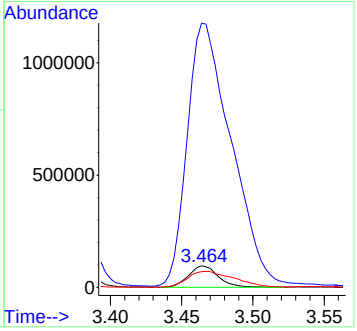


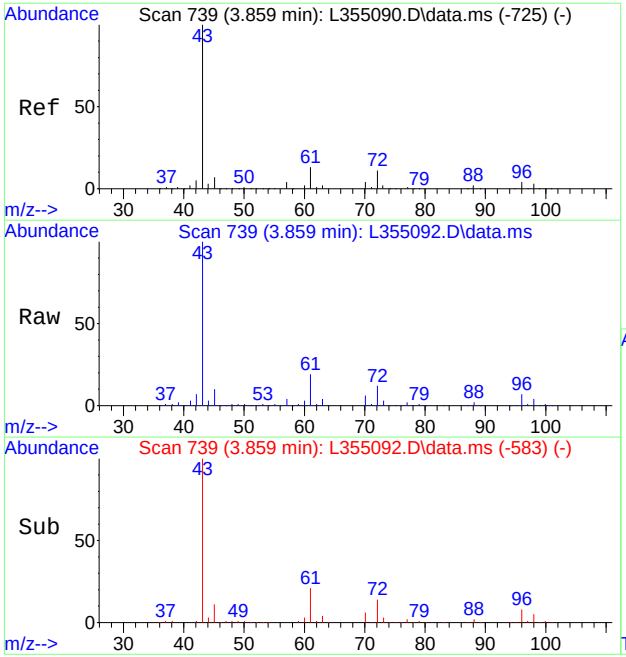


#34
vinyl acetate
Concen: 200.47 ug/L
RT: 3.464 min Scan# 616
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 86 Resp: 140423

Ion	Ratio	Lower	Upper
86	100		
43	1218.2	1461.6	1521.6#
44	72.4	45.2	105.2

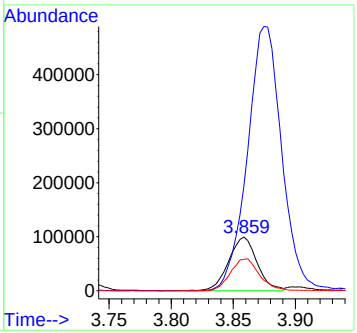


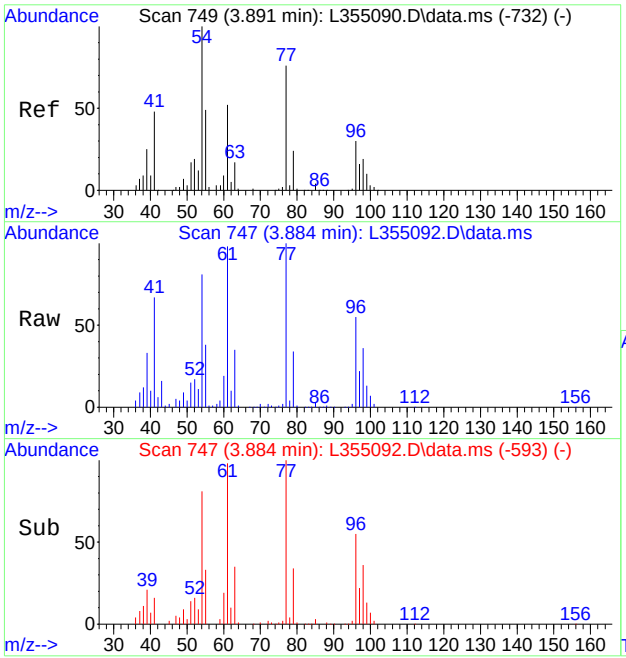


#35
ethyl acetate
Concen: 171.87 ug/L
RT: 3.859 min Scan# 739
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 45 Resp: 157589

Ion	Ratio	Lower	Upper
45	100		
61	194.9	146.7	206.7
70	58.5	27.4	87.4

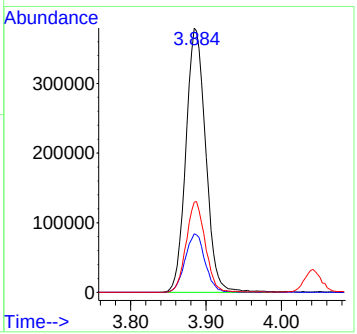


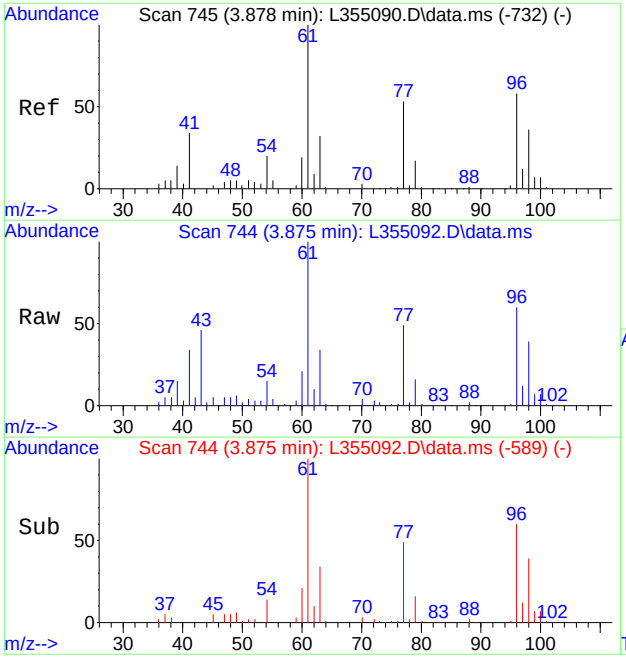


#36
2,2-dichloropropane
Concen: 147.07 ug/L
RT: 3.884 min Scan# 747
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 77 Resp: 693024

Ion	Ratio	Lower	Upper
77	100		
97	22.1	0.0	51.0
79	34.1	1.4	61.4

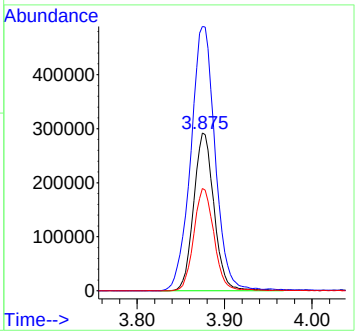


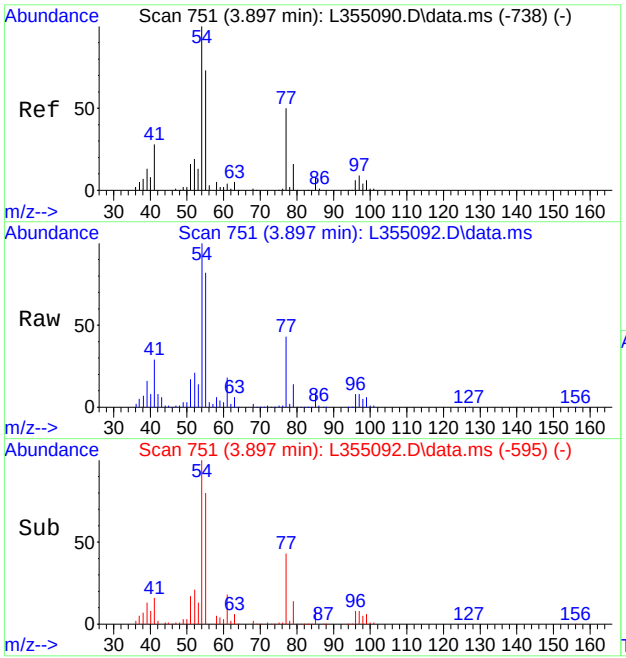


#37
cis-1,2-dichloroethene
Concen: 156.03 ug/L
RT: 3.875 min Scan# 744
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 96 Resp: 473709

Ion	Ratio	Lower	Upper
96	100		
61	167.6	141.8	201.8
98	64.9	32.2	92.2

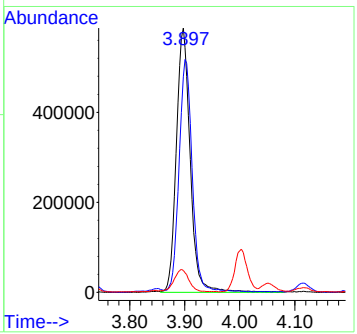


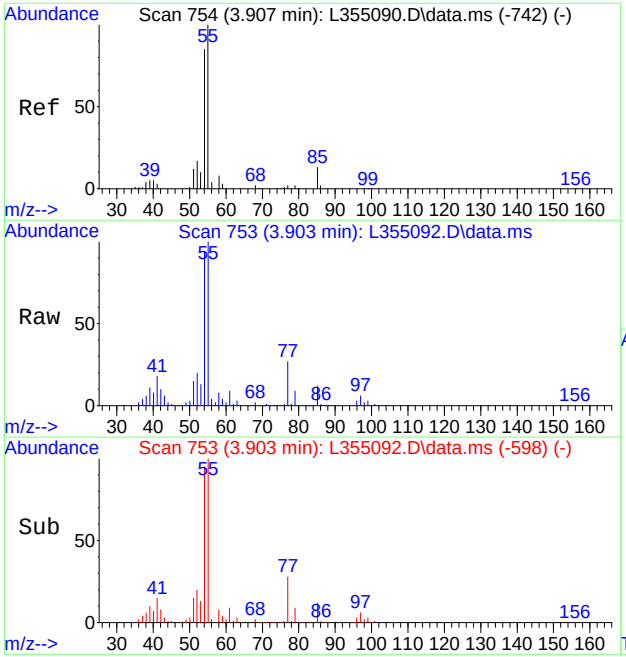


#38
propionitrile
Concen: 1485.84 ug/L
RT: 3.897 min Scan# 751
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 54 Resp: 1033139

Ion	Ratio	Lower	Upper
54	100		
55	81.4	43.2	103.2
40	7.8	0.0	38.0

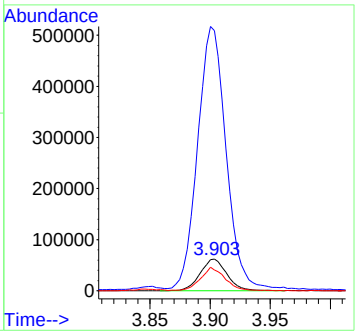


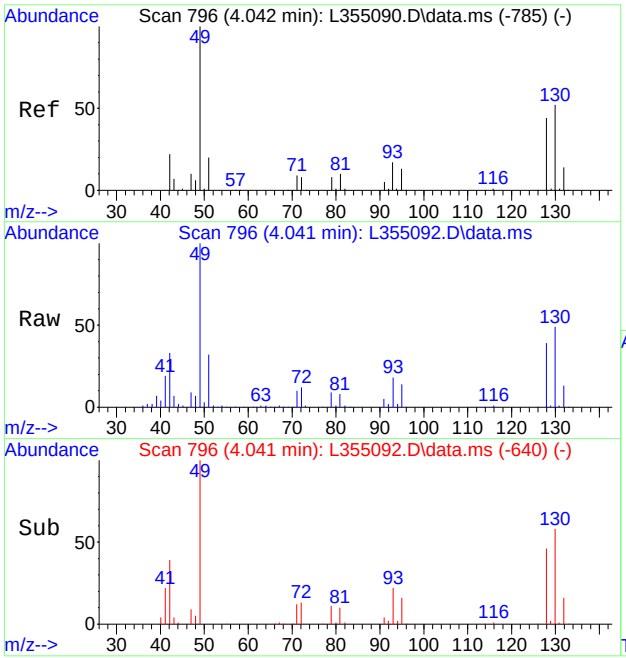


#39
methyl acrylate
Concen: 167.50 ug/L
RT: 3.903 min Scan# 753
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 85 Resp: 96621

Ion	Ratio	Lower	Upper
85	100		
55	812.1	762.7	802.7#
58	64.8	40.5	80.5

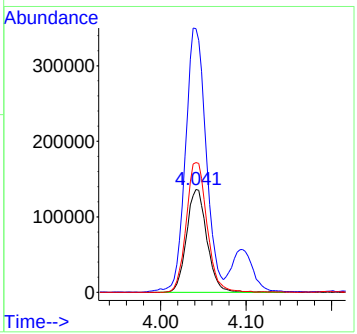


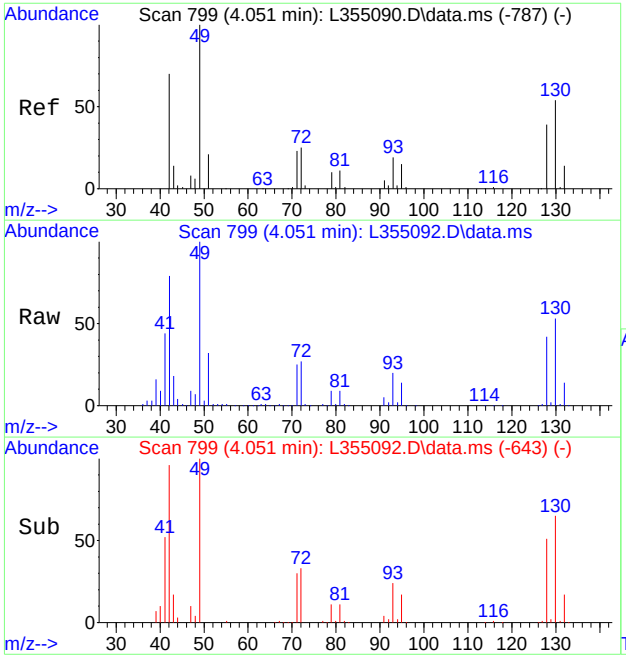


#40
bromochloromethane
Concen: 166.04 ug/L
RT: 4.041 min Scan# 796
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:128 Resp: 227129

Ion	Ratio	Lower	Upper
128	100		
49	254.9	196.9	256.9
130	126.0	87.7	147.7

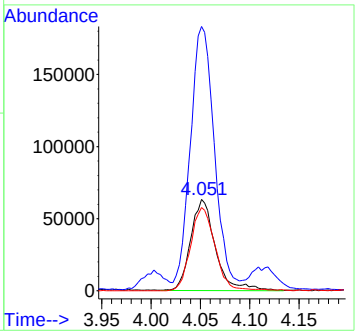


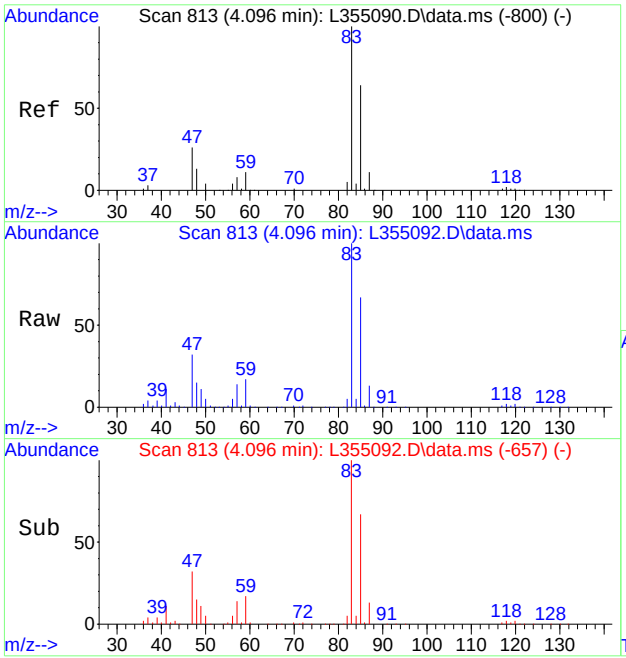


#41
tetrahydrofuran
Concen: 183.47 ug/L
RT: 4.051 min Scan# 799
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 72 Resp: 110425

Ion	Ratio	Lower	Upper
72	100		
42	282.9	246.3	306.3
71	91.6	61.6	121.6

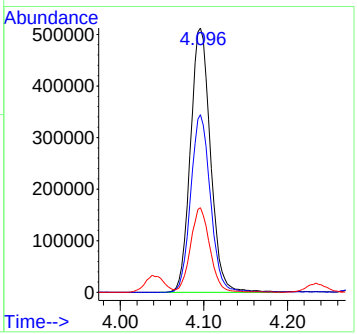


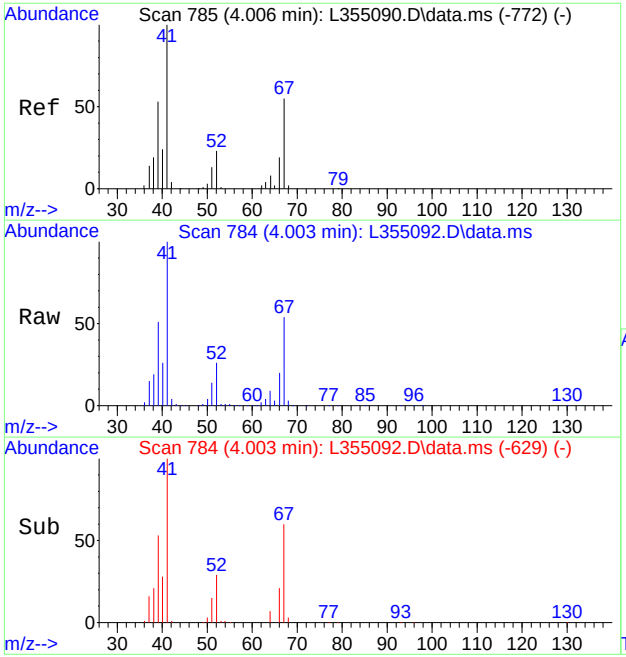


#42
chloroform
Concen: 155.15 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 83 Resp: 853901

Ion	Ratio	Lower	Upper
83	100		
85	67.2	34.3	94.3
47	32.0	0.0	59.3

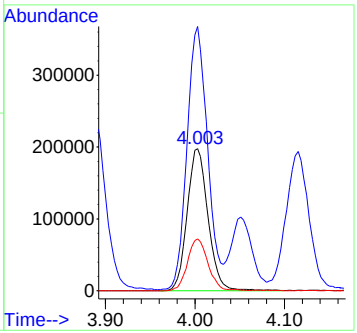


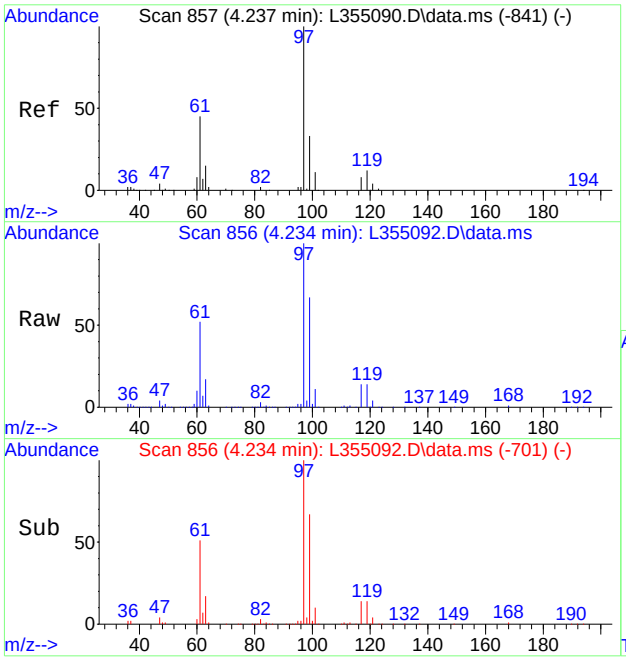


#44
methacrylonitrile
Concen: 180.56 ug/L
RT: 4.003 min Scan# 784
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 67 Resp: 321750

Ion	Ratio	Lower	Upper
67	100		
41	185.2	150.2	210.2
66	36.6	3.6	63.6

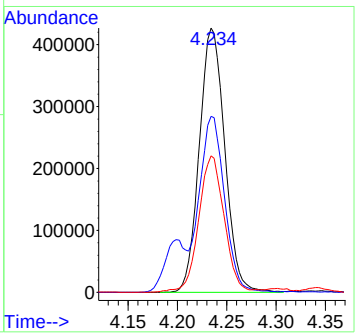


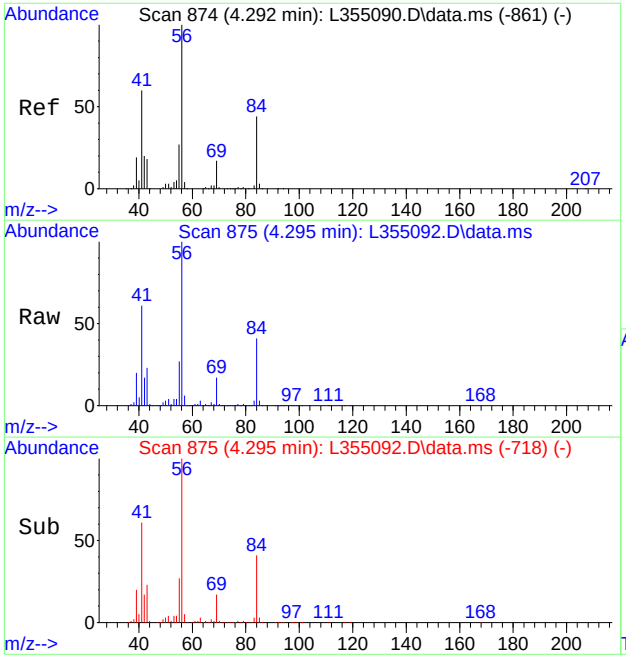


#45
1,1,1-trichloroethane
Concen: 186.73 ug/L
RT: 4.234 min Scan# 856
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 97 Resp: 767432

Ion	Ratio	Lower	Upper
97	100		
99	66.2	33.3	93.3
61	51.2	14.9	74.9

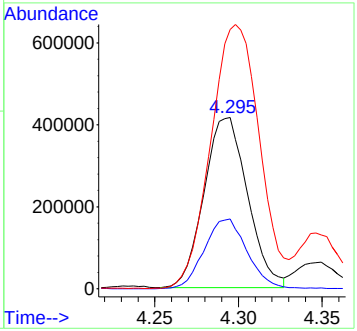


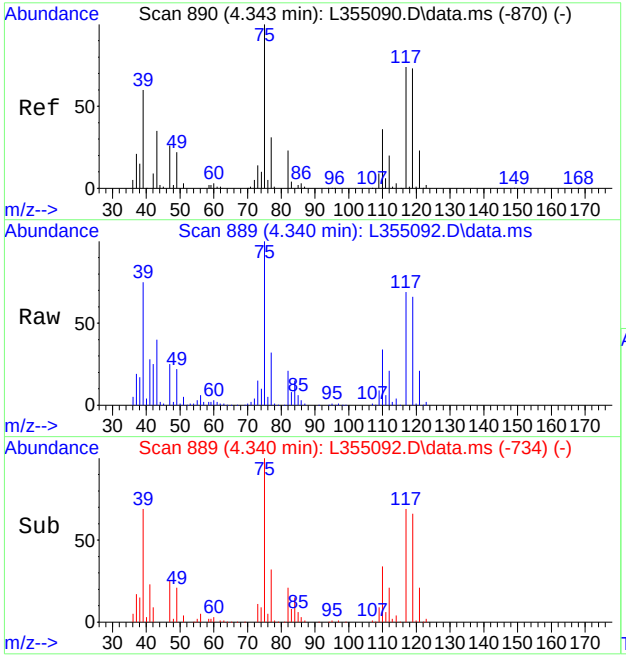


#46
cyclohexane
Concen: 164.87 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 84 Resp: 753520

Ion	Ratio	Lower	Upper
84	100		
69	40.7	17.8	57.8
41	151.7	116.7	156.7

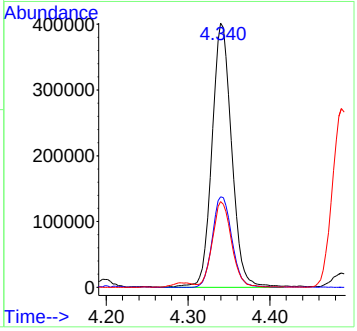


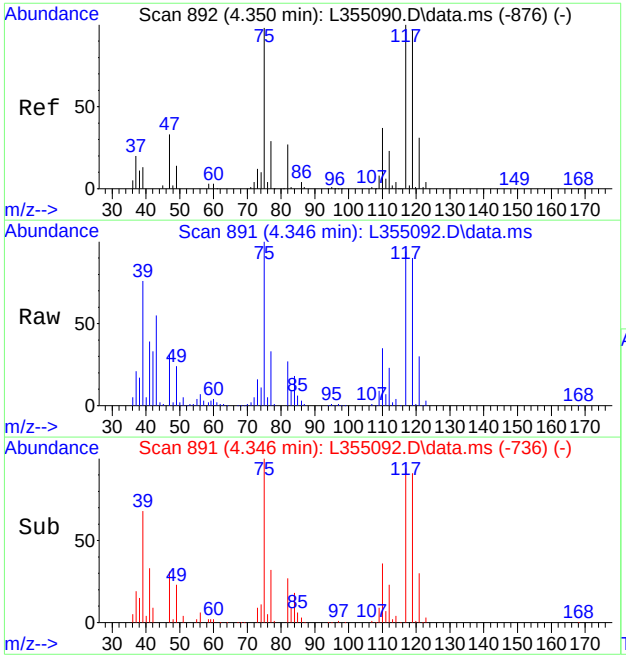


#47
1,1-dichloropropene
Concen: 166.48 ug/L
RT: 4.340 min Scan# 889
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 75 Resp: 672227

Ion	Ratio	Lower	Upper
75	100		
110	34.2	15.8	55.8
77	32.3	11.6	51.6

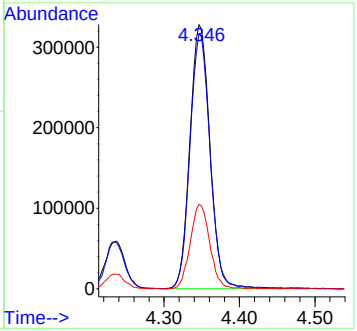


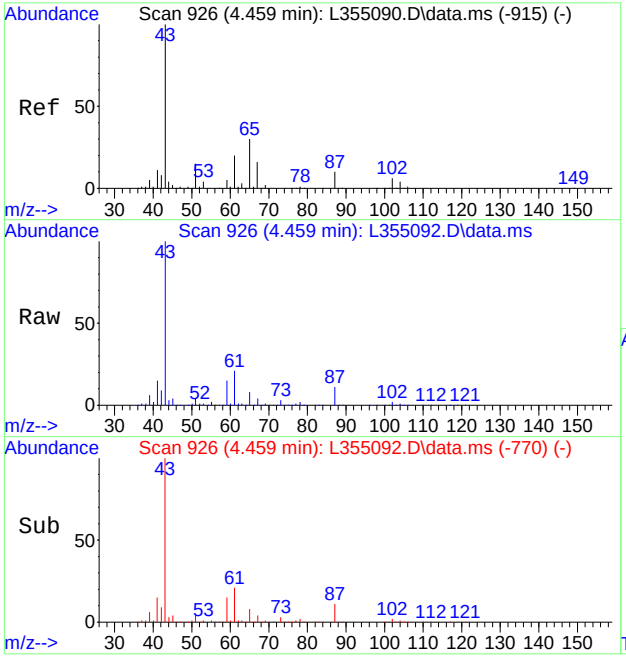


#48
carbon tetrachloride
Concen: 164.57 ug/L
RT: 4.346 min Scan# 891
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:117 Resp: 604914

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.1	117.1
121	32.0	11.1	51.1

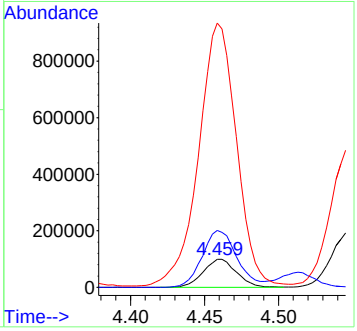


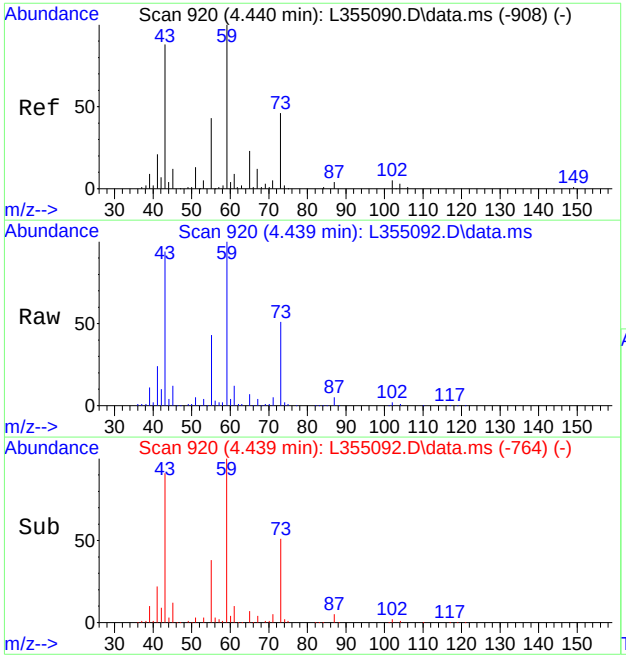


#49
isopropyl acetate
Concen: 184.79 ug/L
RT: 4.459 min Scan# 926
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 87 Resp: 155301

Ion	Ratio	Lower	Upper
87	100		
61	201.9	185.6	225.6
43	928.0	1029.1	1089.1#

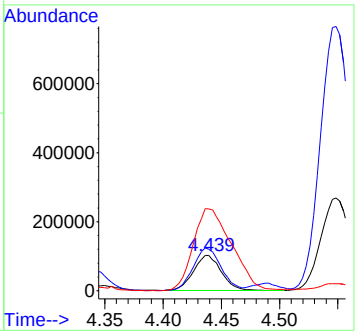


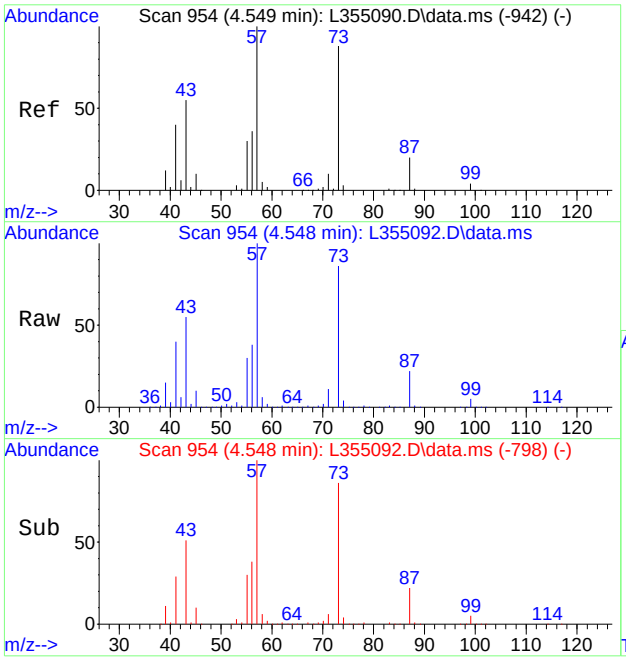


#50
tert amyl alcohol
Concen: 923.27 ug/L
RT: 4.439 min Scan# 920
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 55 Resp: 170219

Ion	Ratio	Lower	Upper
55	100		
73	118.0	87.0	127.0
59	233.5	211.2	251.2

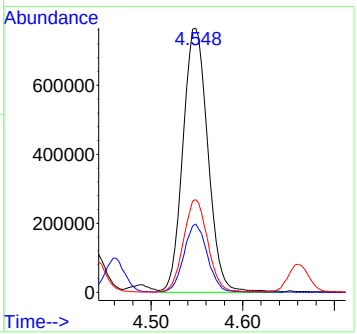


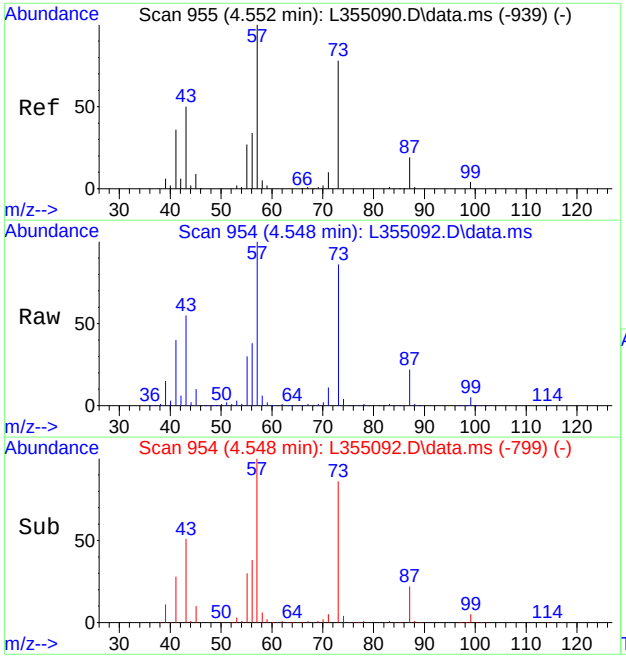


#53
tert-amyl methyl ether
Concen: 146.58 ug/L
RT: 4.548 min Scan# 954
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 73 Resp: 1447975

Ion	Ratio	Lower	Upper
73	100		
87	25.9	2.5	42.5
55	34.9	14.1	54.1

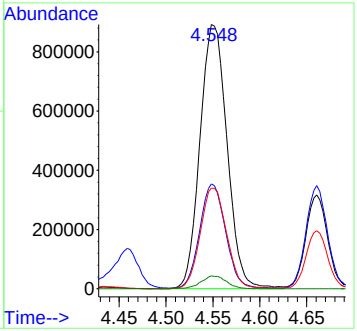


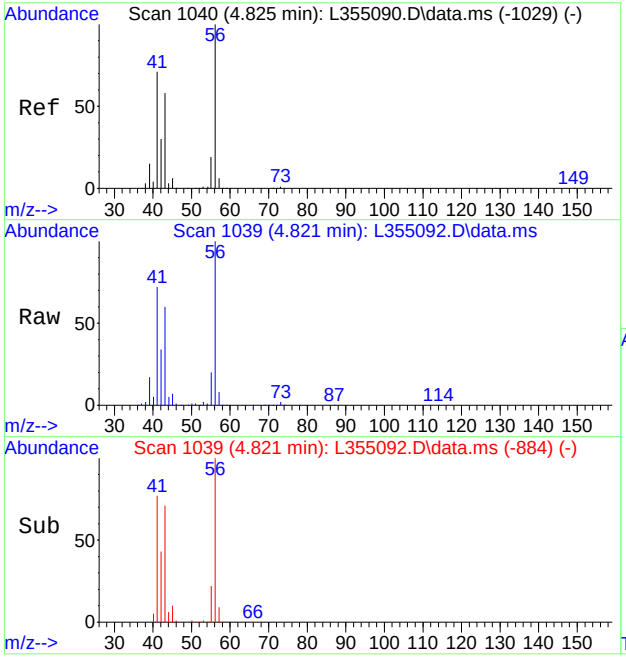


#54
2,2,4-trimethylpentane
Concen: 140.47 ug/L
RT: 4.548 min Scan# 954
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 57 Resp: 1794479

Ion	Ratio	Lower	Upper
57	100		
41	39.4	15.5	55.5
56	38.0	14.0	54.0
99	4.9	0.0	24.5

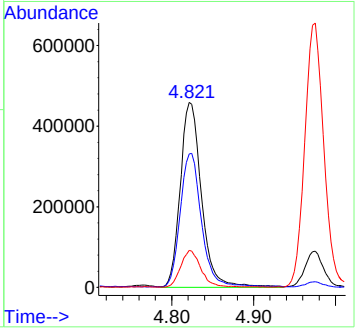


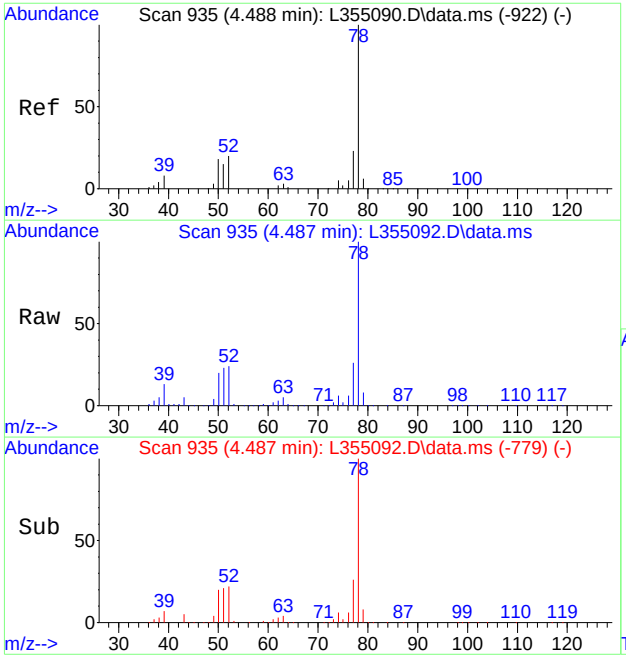


#55
n-butyl alcohol
Concen: 9382.07 ug/L
RT: 4.821 min Scan# 1039
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 56 Resp: 828197

Ion	Ratio	Lower	Upper
56	100		
41	72.0	40.6	100.6
55	19.9	0.0	48.8

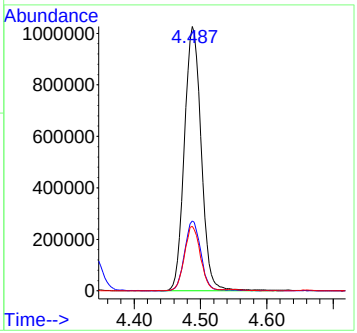


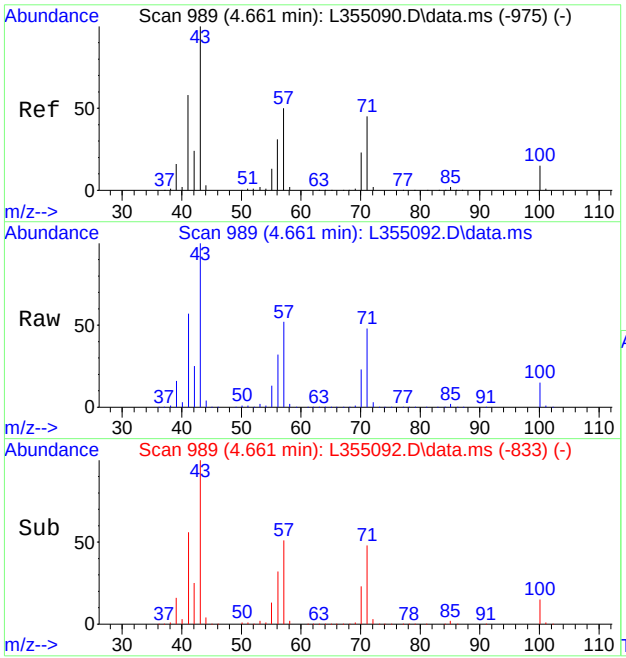


#56
benzene
Concen: 146.16 ug/L
RT: 4.487 min Scan# 935
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 78 Resp: 1814232

Ion	Ratio	Lower	Upper
78	100		
77	26.4	0.0	53.0
52	24.3	0.0	50.0

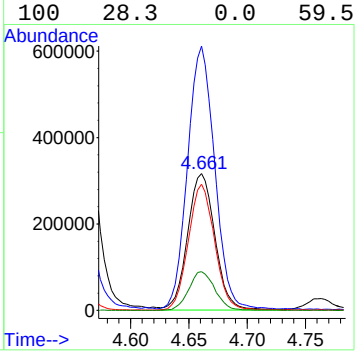


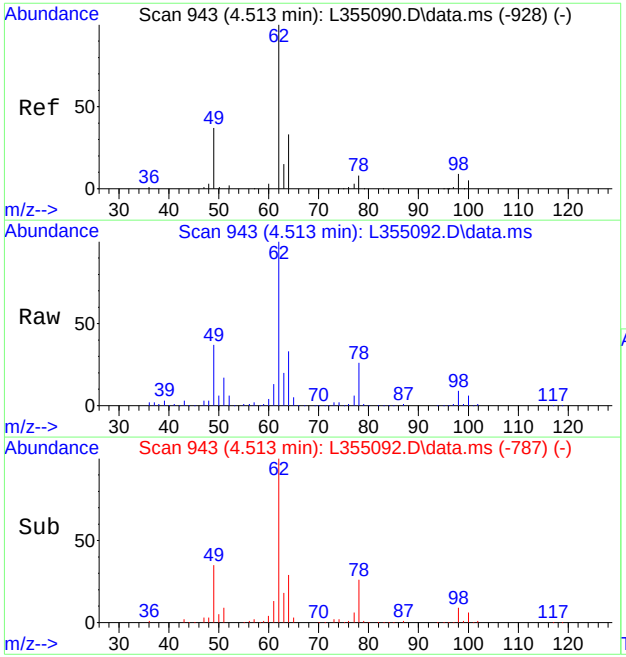


#57
heptane
Concen: 175.89 ug/L
RT: 4.661 min Scan# 989
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 57 Resp: 519199

Ion	Ratio	Lower	Upper
57	100		
43	193.1	170.1	230.1
71	92.4	59.7	119.7
100	28.3	0.0	59.5

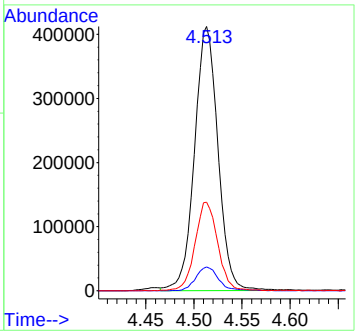


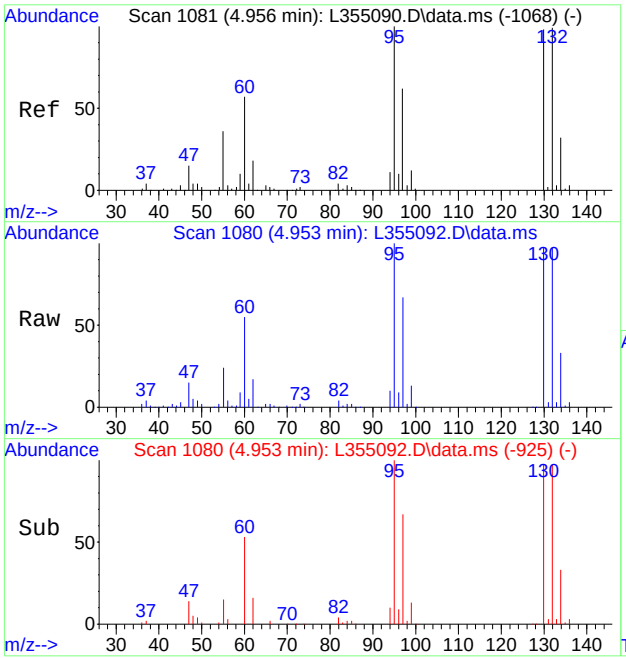


#58
1,2-dichloroethane
Concen: 152.89 ug/L
RT: 4.513 min Scan# 943
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 62 Resp: 699086

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	39.1
64	33.5	2.9	62.9

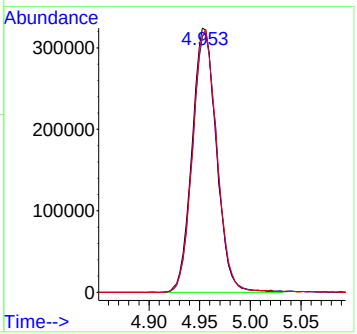


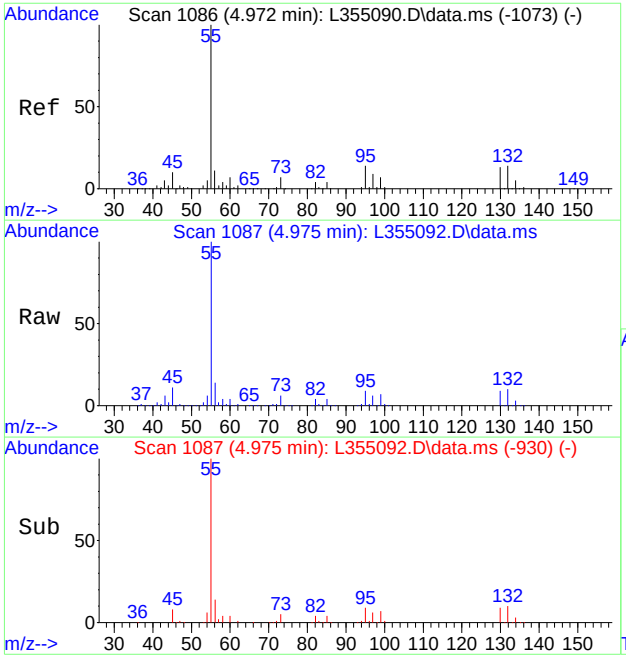


#59
trichloroethene
Concen: 169.35 ug/L
RT: 4.953 min Scan# 1080
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 95 Resp: 548607

Ion	Ratio	Lower	Upper
95	100		
130	96.8	68.4	128.4
132	97.1	68.7	128.7

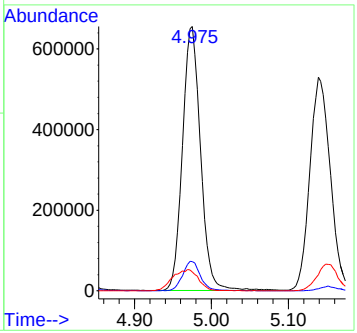


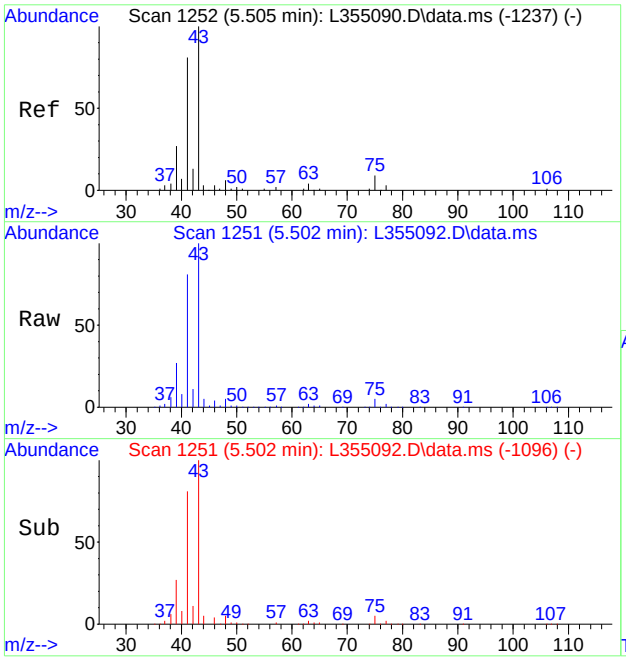


#60
ethyl acrylate
Concen: 159.22 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 55 Resp: 1071909

Ion	Ratio	Lower	Upper
55	100		
45	11.1	0.0	30.3
99	7.2	0.0	27.2

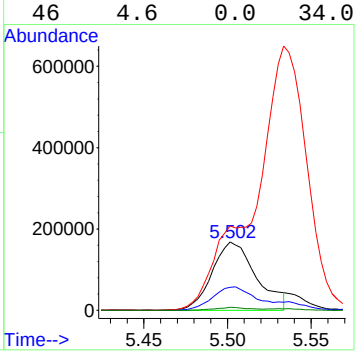


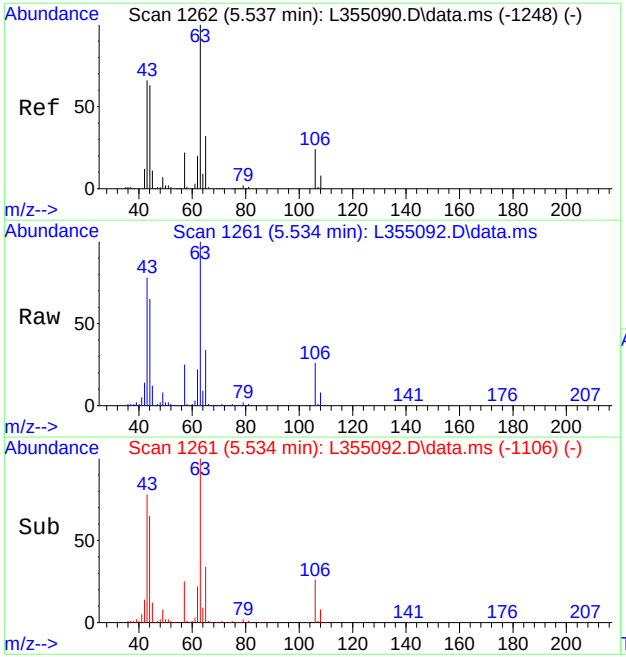


#61
2-nitropropane
Concen: 193.27 ug/L
RT: 5.502 min Scan# 1251
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 41 Resp: 308356

Ion	Ratio	Lower	Upper
41	100		
39	33.5	3.7	63.7
43	122.9	92.8	152.8
46	4.6	0.0	34.0

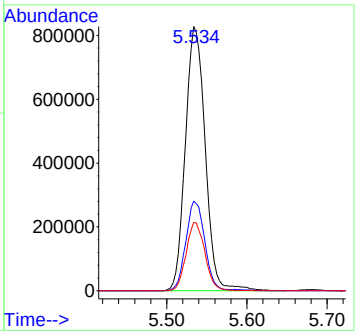


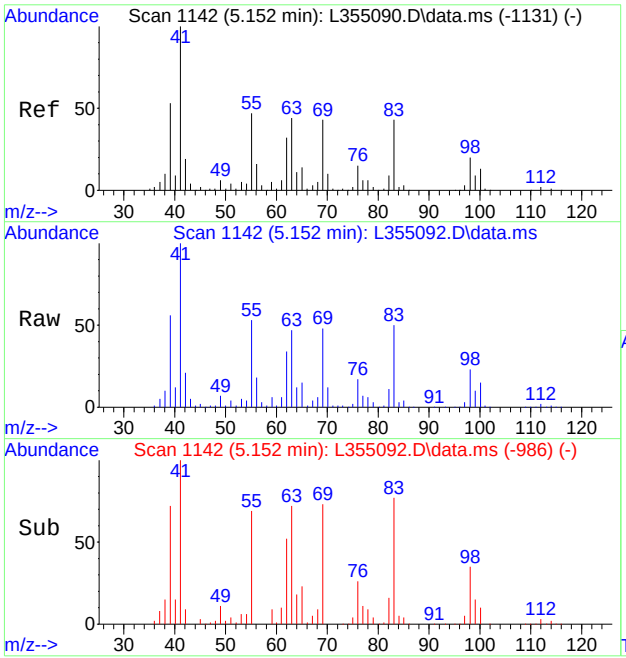


#62
2-chloroethyl vinyl ether
Concen: 928.89 ug/L
RT: 5.534 min Scan# 1261
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 63 Resp: 1430491

Ion	Ratio	Lower	Upper
63	100		
65	34.0	2.0	62.0
106	25.9	0.0	53.7

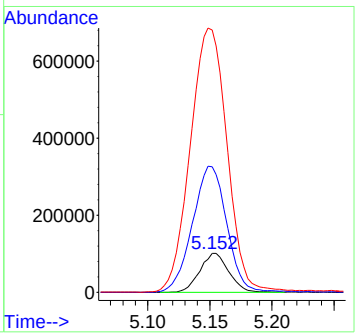


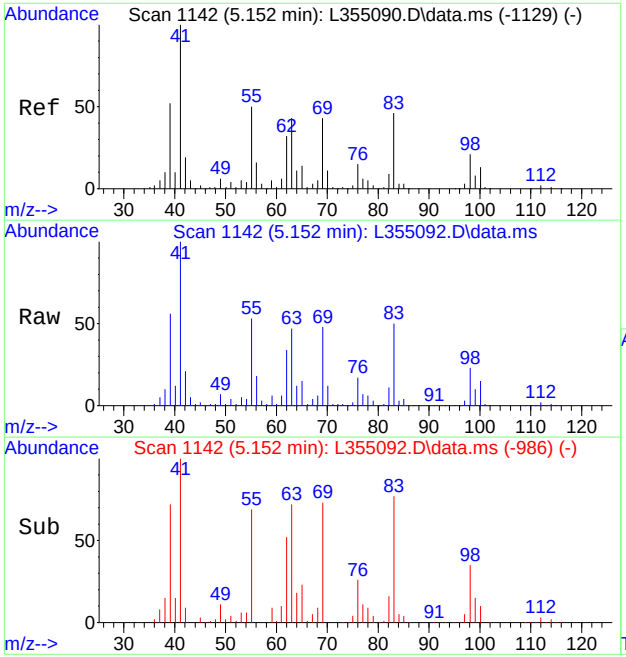


#63
methyl methacrylate
Concen: 166.13 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:100 Resp: 165402

Ion	Ratio	Lower	Upper
100	100		
69	319.7	303.9	363.9
41	666.1	748.3	808.3#

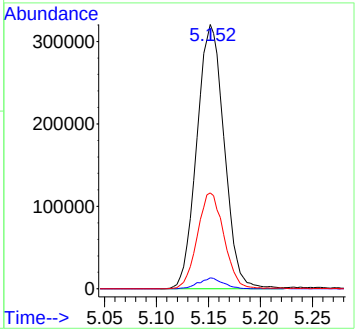


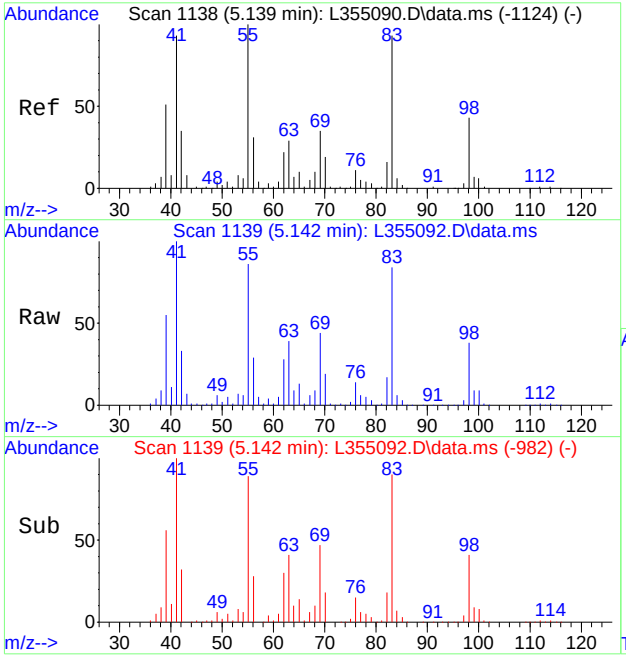


#64
1,2-dichloropropane
Concen: 148.44 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 63 Resp: 588144

Ion	Ratio	Lower	Upper
63	100		
112	4.2	0.0	33.9
76	36.3	3.9	63.9

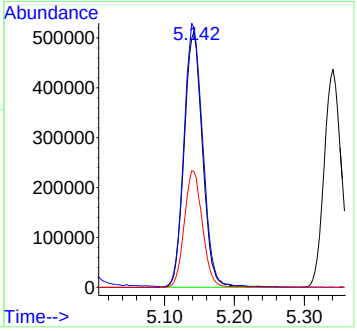


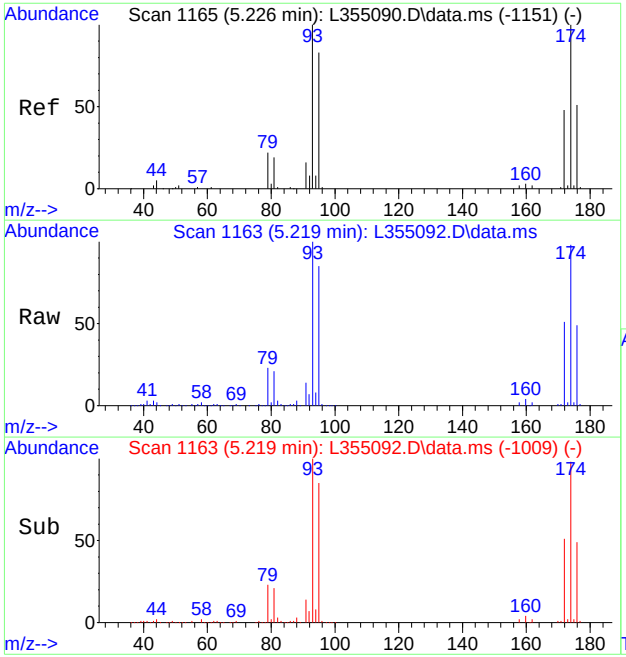


#65
methylcyclohexane
Concen: 157.70 ug/L
RT: 5.142 min Scan# 1139
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 83 Resp: 937795

Ion	Ratio	Lower	Upper
83	100		
55	101.0	77.0	137.0
98	45.2	16.0	76.0

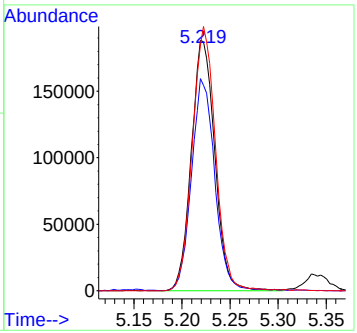


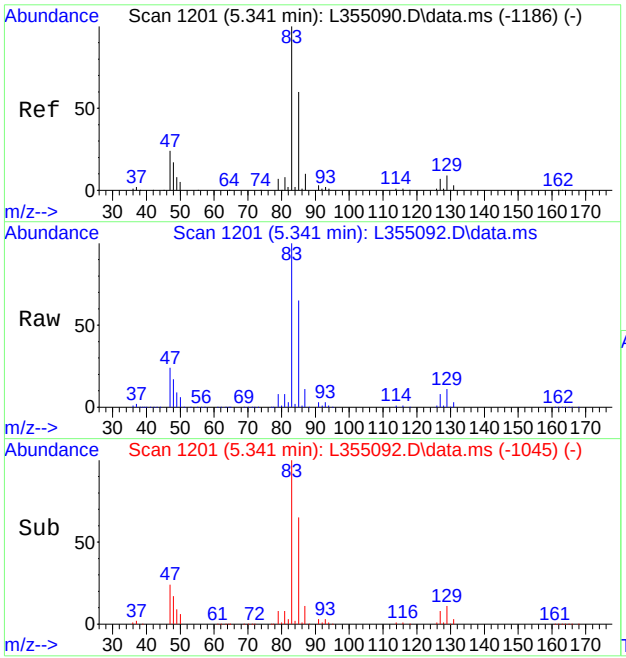


#66
dibromomethane
Concen: 168.03 ug/L
RT: 5.219 min Scan# 1163
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 93 Resp: 321637

Ion	Ratio	Lower	Upper
93	100		
95	84.6	52.7	112.7
174	98.1	70.1	130.1

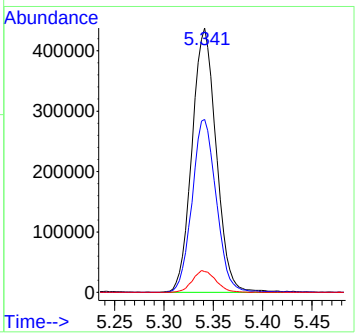


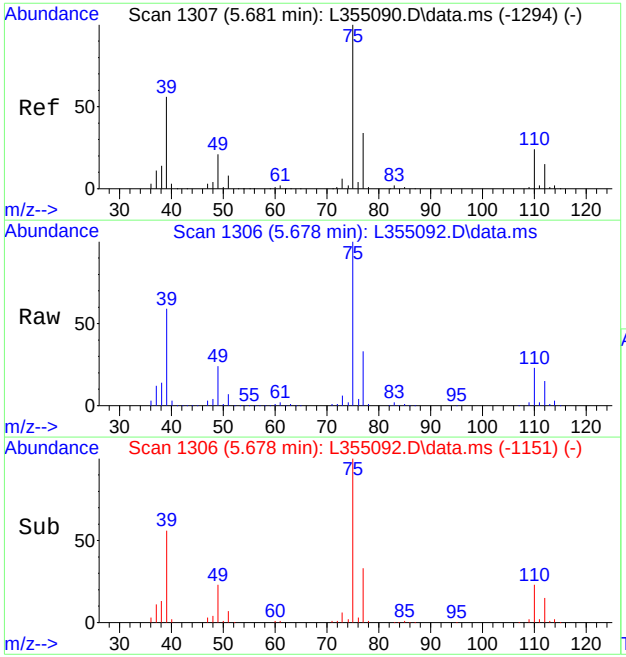


#67
bromodichloromethane
Concen: 164.10 ug/L
RT: 5.341 min Scan# 1201
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 83 Resp: 747502

Ion	Ratio	Lower	Upper
83	100		
85	65.4	30.1	90.1
127	7.9	0.0	37.3

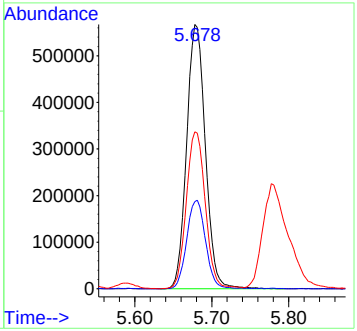


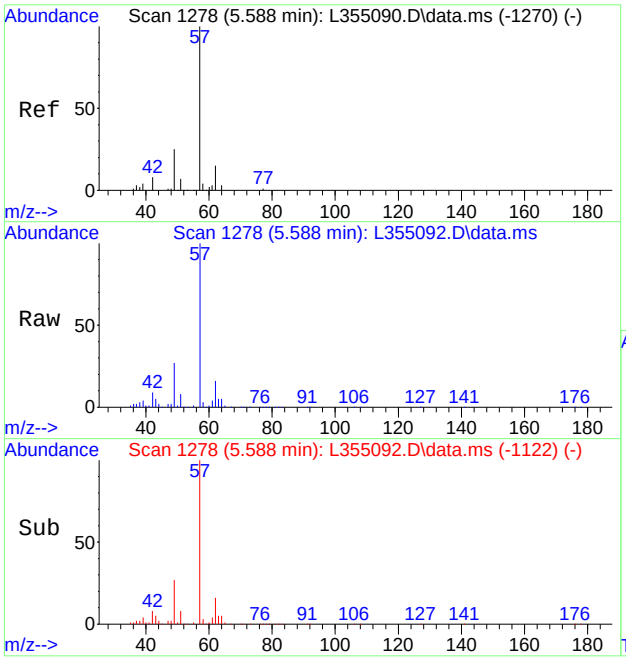


#68
cis-1,3-dichloropropene
Concen: 164.58 ug/L
RT: 5.678 min Scan# 1306
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 75 Resp: 959819

Ion	Ratio	Lower	Upper
75	100		
77	32.9	4.0	64.0
39	59.4	25.8	85.8

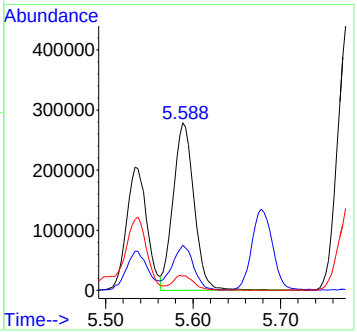


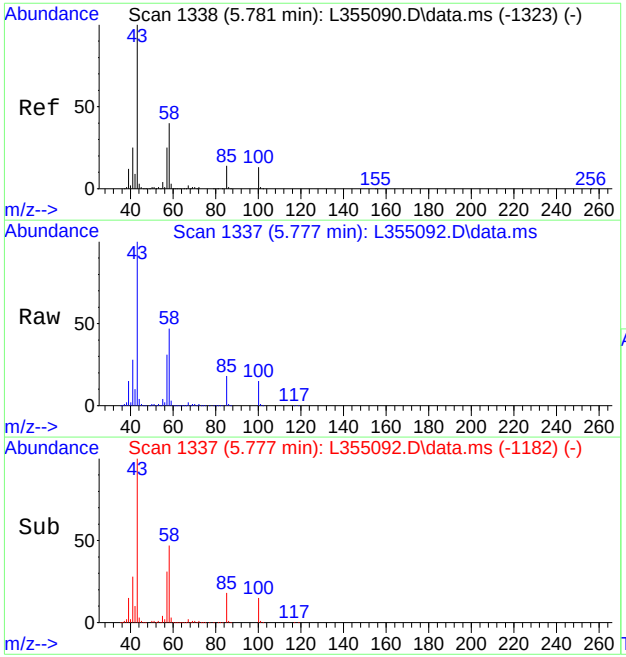


#69
epichlorohydrin
Concen: 893.67 ug/L
RT: 5.588 min Scan# 1278
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 57 Resp: 464207

Ion	Ratio	Lower	Upper
57	100		
49	22.9	3.3	43.3
42	8.5	0.0	30.7

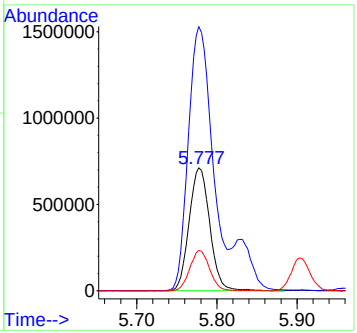


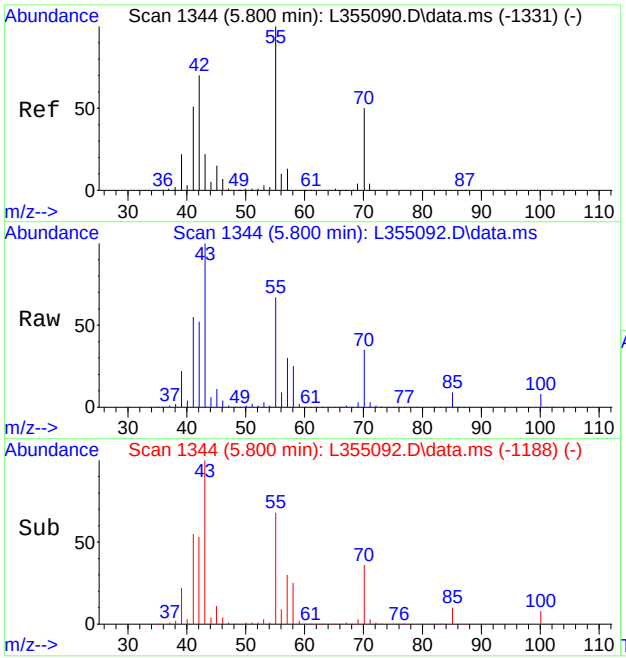


#70
4-methyl-2-pentanone
Concen: 585.93 ug/L
RT: 5.777 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 58 Resp: 1280398

Ion	Ratio	Lower	Upper
58	100		
43	214.7	227.9	267.9#
100	32.9	11.2	51.2

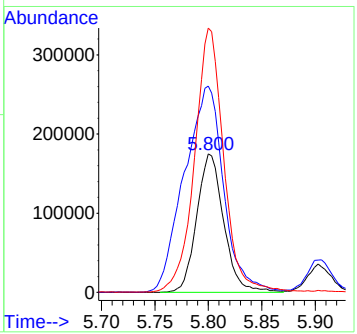


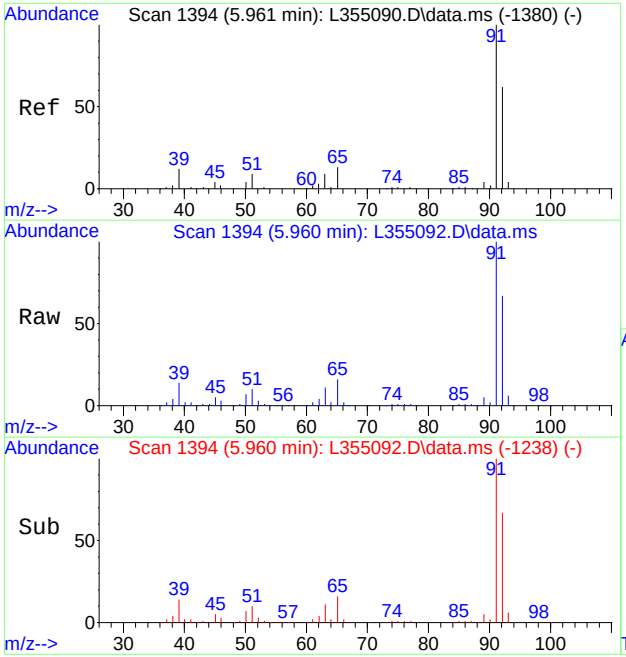


#71
3-methyl-1-butanol
Concen: 3301.32 ug/L
RT: 5.800 min Scan# 1344
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 70 Resp: 307391

Ion	Ratio	Lower	Upper
70	100		
42	147.5	131.6	171.6
55	188.9	180.2	220.2

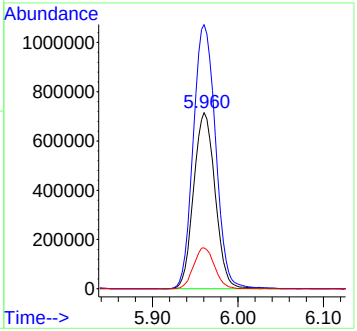


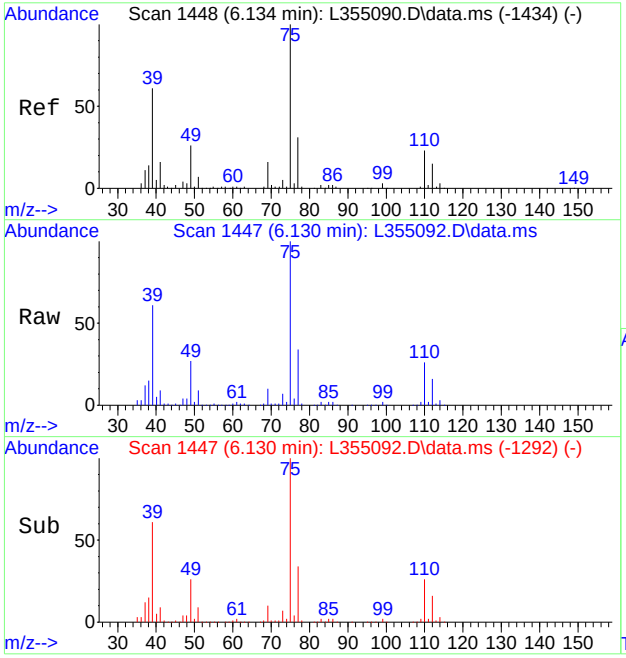


#74
toluene
Concen: 158.54 ug/L
RT: 5.960 min Scan# 1394
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 92 Resp: 1251620

Ion	Ratio	Lower	Upper
92	100		
91	150.0	130.7	190.7
65	23.3	0.0	51.2

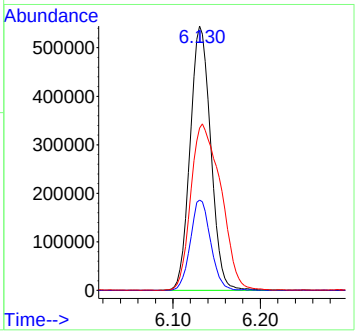


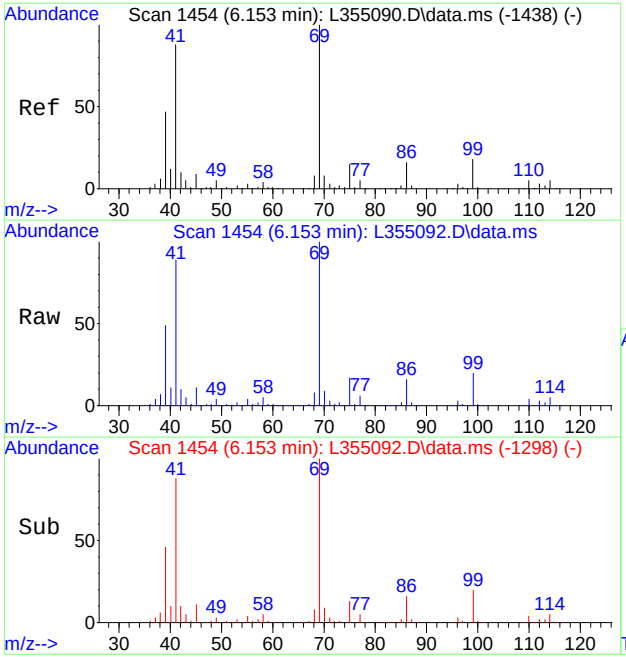


#75
trans-1,3-dichloropropene
Concen: 159.05 ug/L
RT: 6.130 min Scan# 1447
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 75 Resp: 894466

Ion	Ratio	Lower	Upper
75	100		
77	34.2	1.0	61.0
39	61.3	30.8	90.8

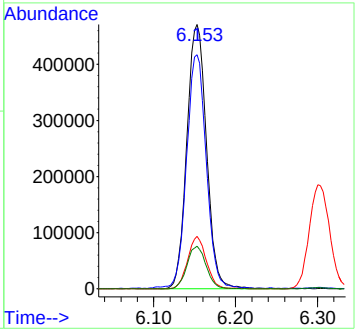


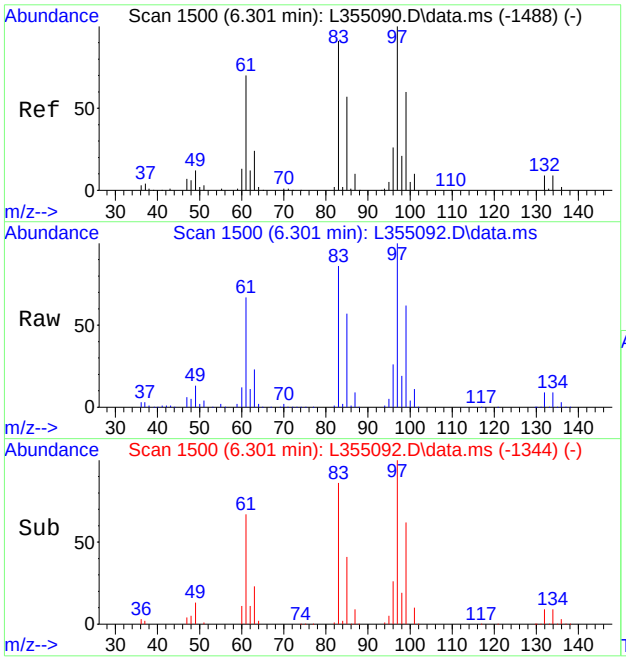


#76
ethyl methacrylate
Concen: 151.82 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 69 Resp: 786912

Ion	Ratio	Lower	Upper
69	100		
41	88.3	57.6	117.6
99	19.9	0.0	48.5
86	16.2	0.0	46.2

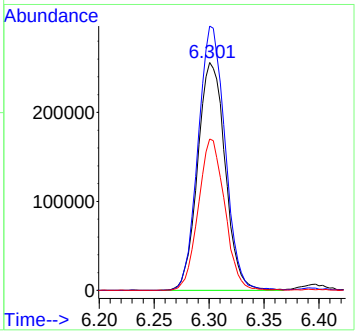


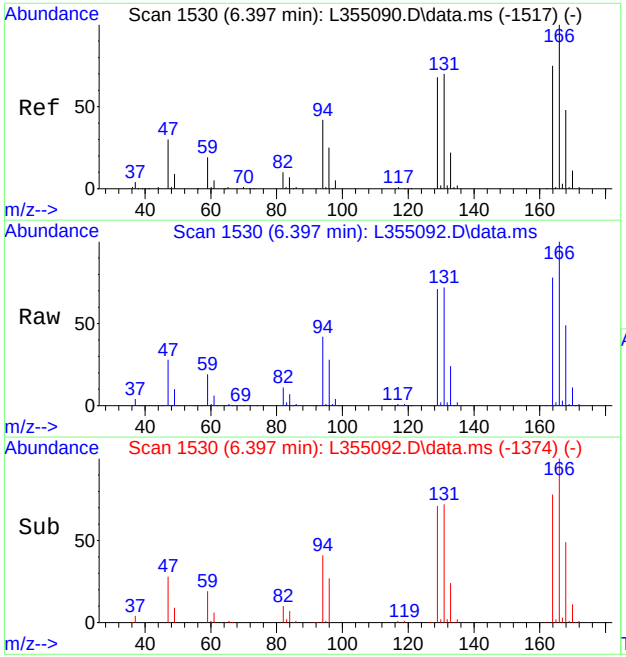


#77
1,1,2-trichloroethane
Concen: 159.57 ug/L
RT: 6.301 min Scan# 1500
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 83 Resp: 445822

Ion	Ratio	Lower	Upper
83	100		
97	116.1	80.2	140.2
85	66.4	33.0	93.0

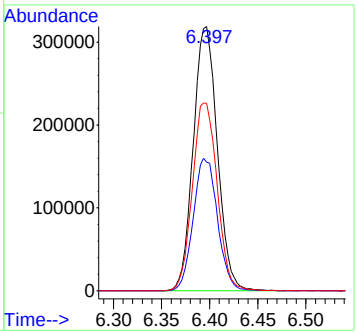


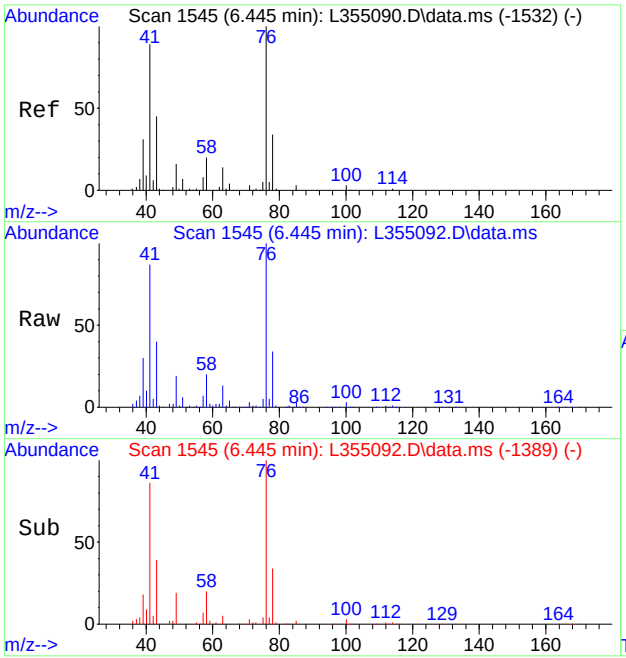


#79
tetrachloroethene
Concen: 169.62 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:166 Resp: 556979

Ion	Ratio	Lower	Upper
166	100		
168	48.7	18.3	78.3
129	70.9	38.5	98.5

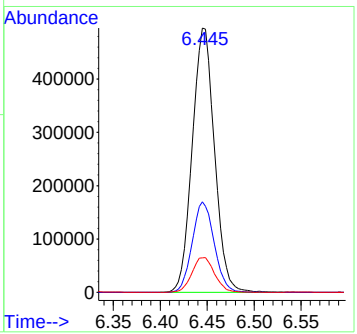


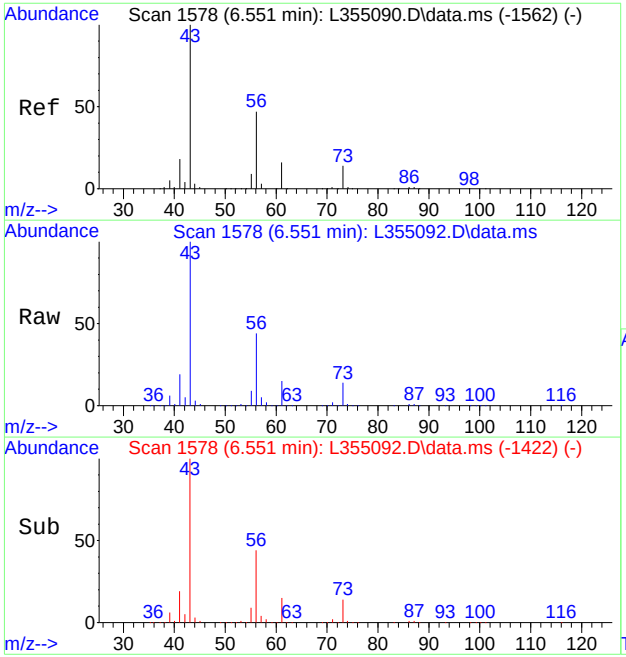


#80
1,3-dichloropropane
Concen: 148.87 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 76 Resp: 818211

Ion	Ratio	Lower	Upper
76	100		
78	34.3	3.8	63.8
63	13.1	0.0	43.8

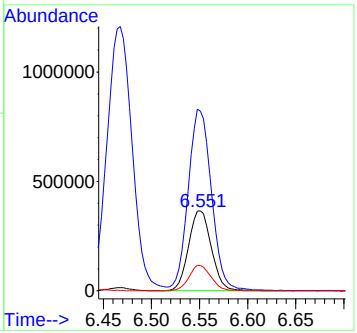


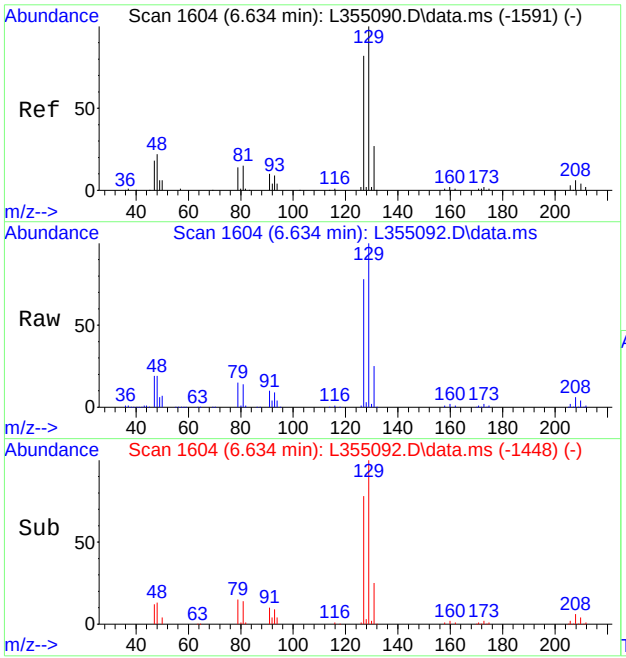


#81
butyl acetate
Concen: 161.90 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 56 Resp: 603107

Ion	Ratio	Lower	Upper
56	100		
43	224.5	194.2	254.2
73	31.7	0.0	58.5

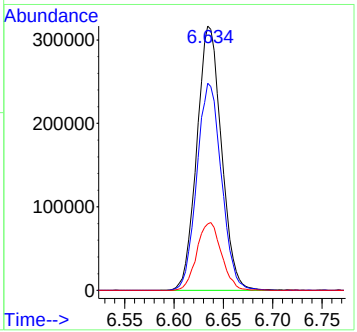


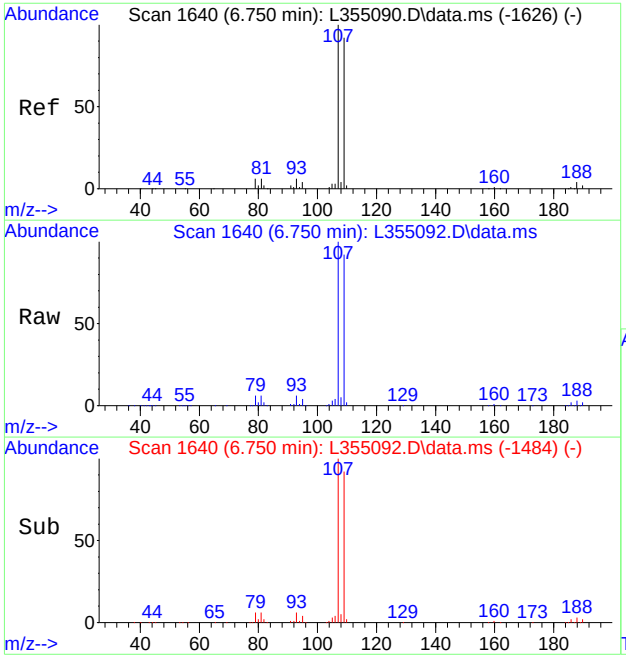


#82
dibromochloromethane
Concen: 164.51 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:129 Resp: 549537

Ion	Ratio	Lower	Upper
129	100		
127	78.4	51.9	111.9
131	25.2	0.0	56.8

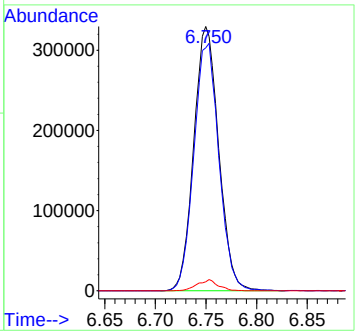


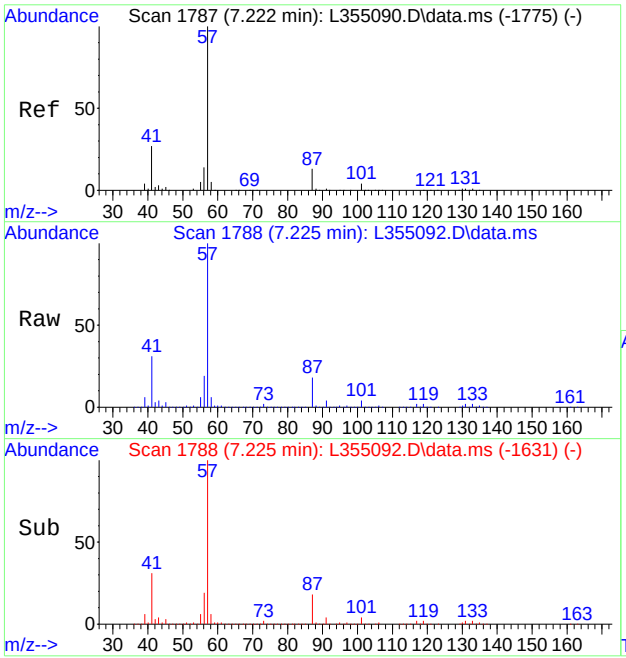


#83
1,2-dibromoethane
Concen: 171.89 ug/L
RT: 6.750 min Scan# 1640
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:107 Resp: 564236

Ion	Ratio	Lower	Upper
107	100		
109	91.9	62.2	122.2
188	3.4	0.0	33.6

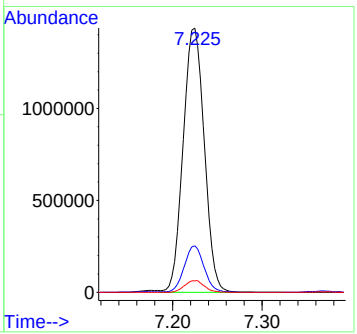


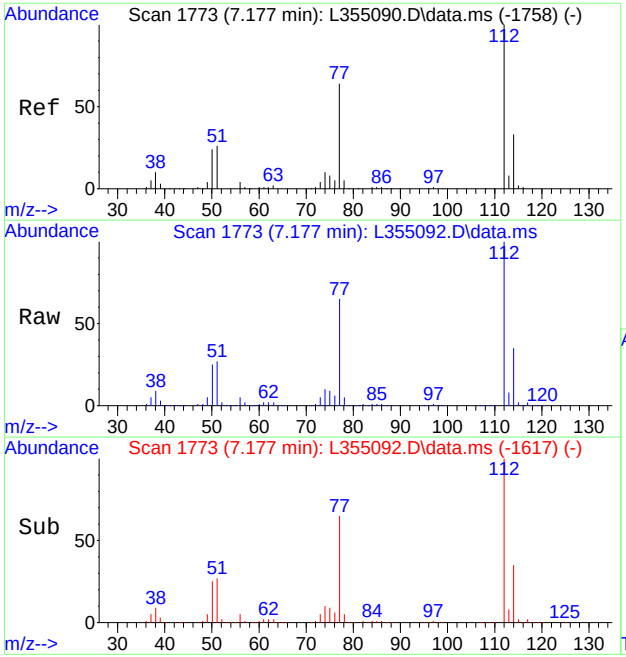


#84
n-butyl ether
Concen: 139.18 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 57 Resp: 2360616

Ion	Ratio	Lower	Upper
57	100		
87	17.6	0.0	43.5
101	4.4	0.0	33.5

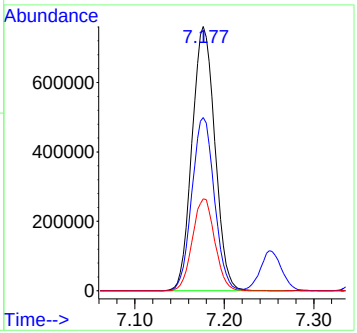


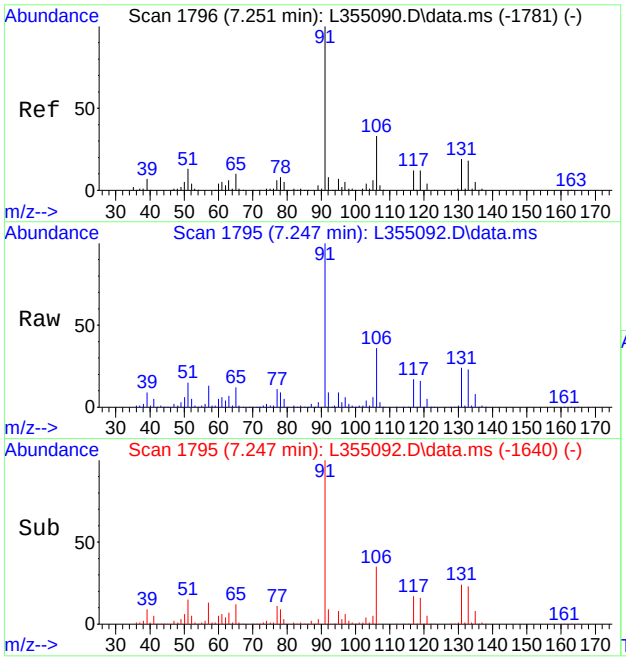


#85
chlorobenzene
Concen: 163.99 ug/L
RT: 7.177 min Scan# 1773
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:112 Resp: 1350648

Ion	Ratio	Lower	Upper
112	100		
77	65.4	34.0	94.0
114	34.8	2.8	62.8

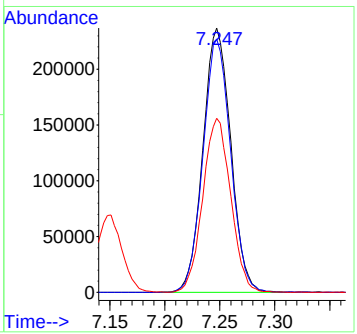


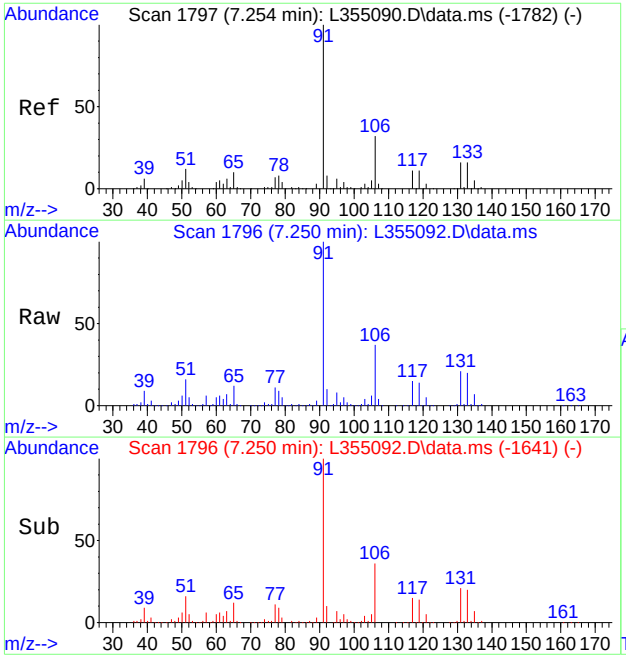


#86
1,1,1,2-tetrachloroethane
Concen: 143.85 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:131 Resp: 415905

Ion	Ratio	Lower	Upper
131	100		
133	95.8	65.5	125.5
119	65.7	34.9	94.9

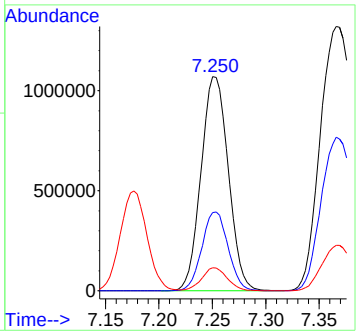


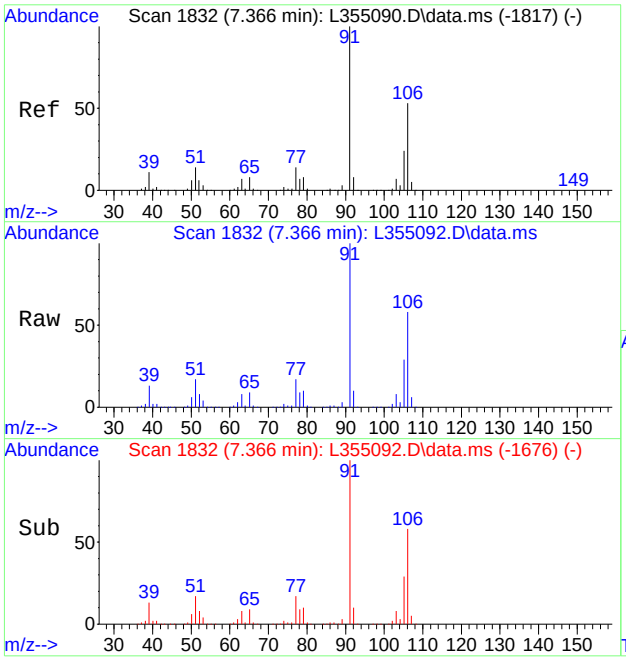


#87
ethylbenzene
Concen: 134.09 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 91 Resp: 1906237

Ion	Ratio	Lower	Upper
91	100		
106	36.6	1.8	61.8
77	10.7	0.0	38.8

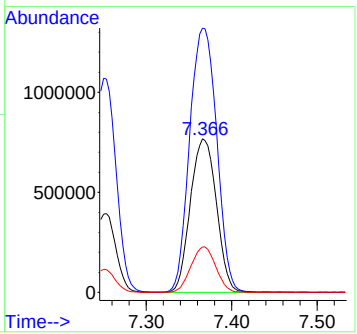


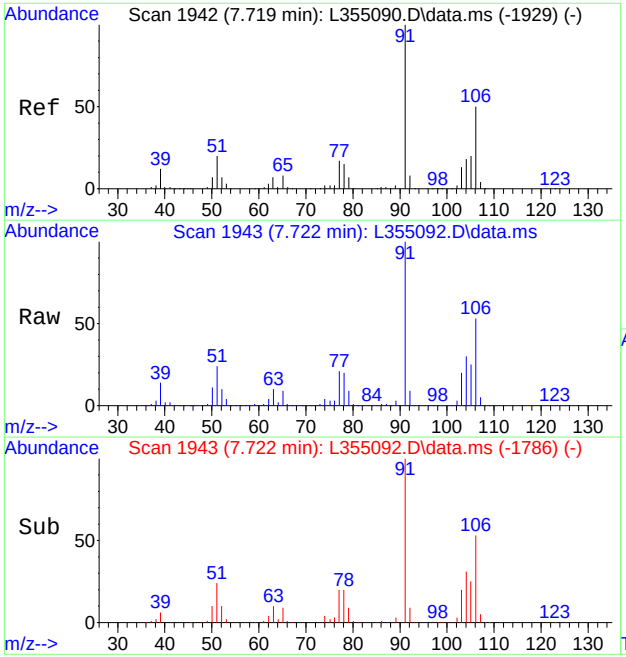


#88
m,p-xylene
Concen: 284.43 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:106 Resp: 1622999

Ion	Ratio	Lower	Upper
106	100		
91	171.9	158.2	218.2
77	29.5	6.9	46.9

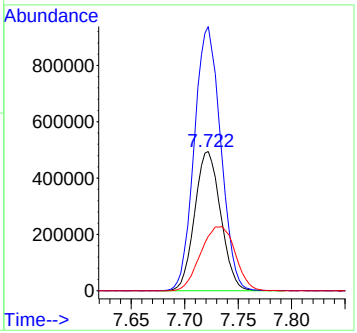


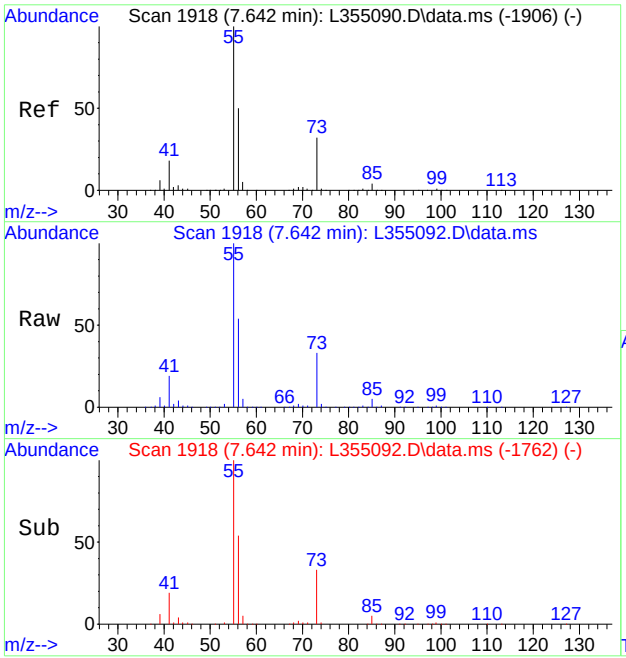


#89
o-xylene
Concen: 143.53 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:106 Resp: 838299

Ion	Ratio	Lower	Upper
106	100		
91	189.5	170.0	230.0
77	39.0	14.0	54.0

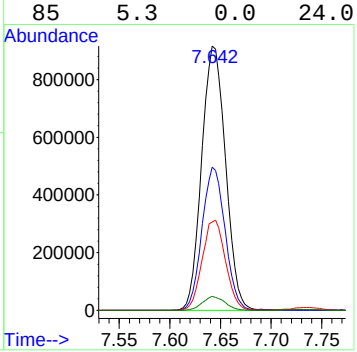


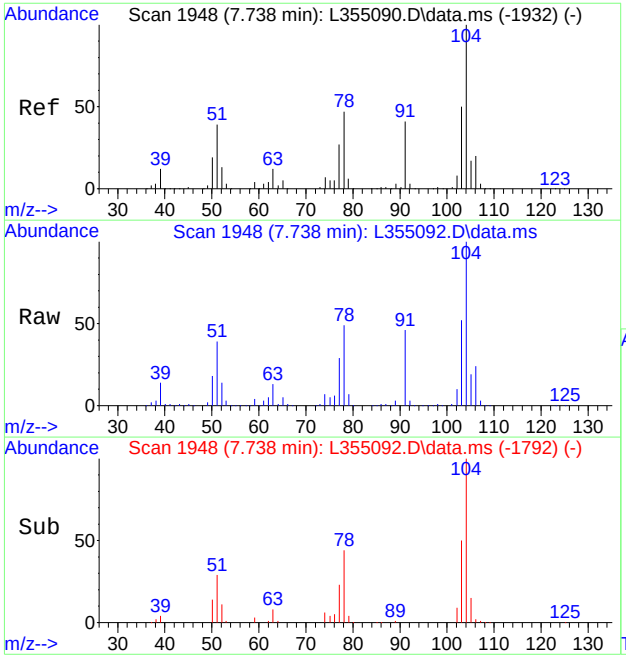


#90
butyl acrylate
Concen: 154.28 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 55 Resp: 1505355

Ion	Ratio	Lower	Upper
55	100		
56	54.2	30.4	70.4
73	33.4	11.9	51.9
85	5.3	0.0	24.0

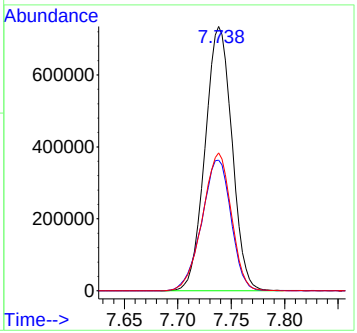


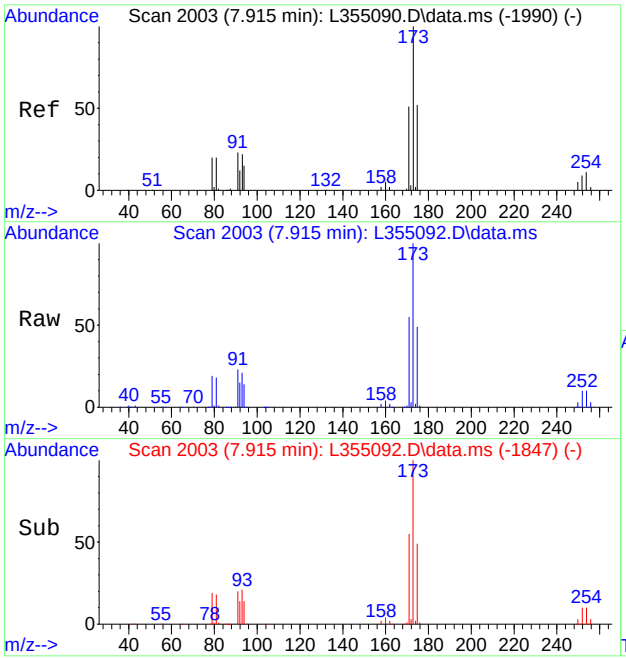


#91
styrene
Concen: 140.10 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:104 Resp: 1286098

Ion	Ratio	Lower	Upper
104	100		
78	49.4	17.3	77.3
103	52.1	19.8	79.8

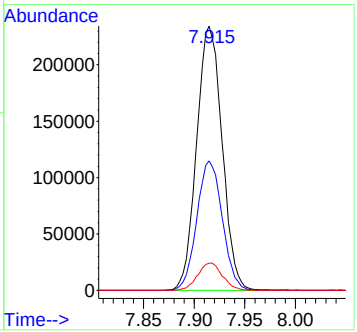


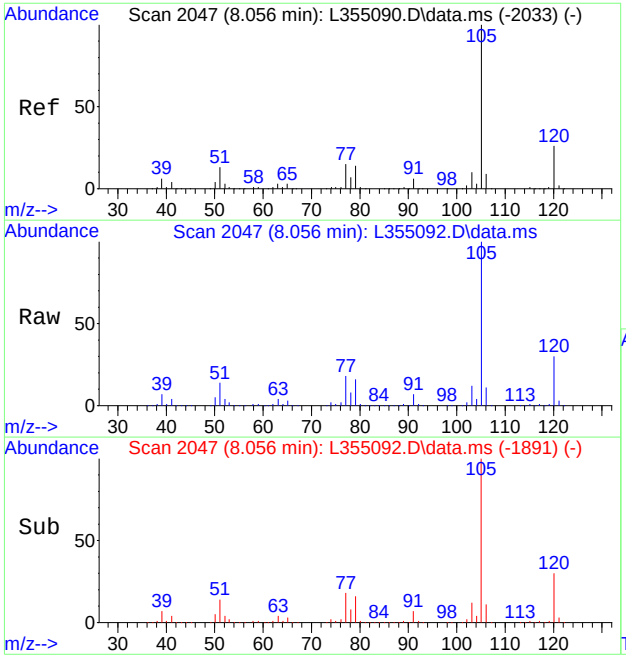


#92
bromoform
Concen: 167.22 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:173 Resp: 410803

Ion	Ratio	Lower	Upper
173	100		
175	49.0	22.1	82.1
254	10.3	0.0	41.0

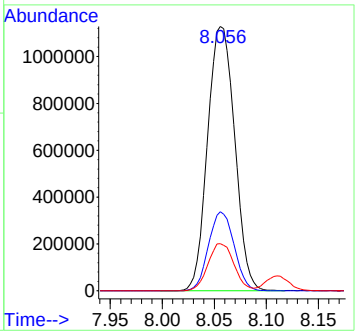


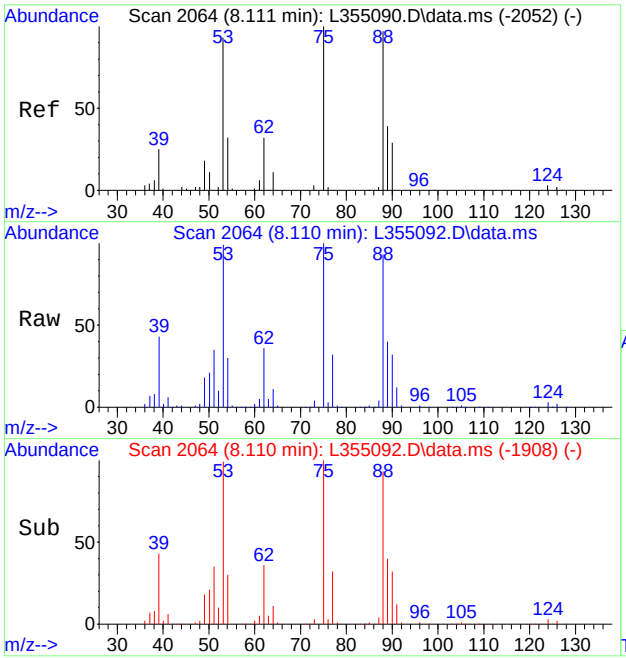


#93
isopropylbenzene
Concen: 139.92 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:105 Resp: 2045706

Ion	Ratio	Lower	Upper
105	100		
120	29.9	6.4	46.4
77	17.8	0.0	35.3

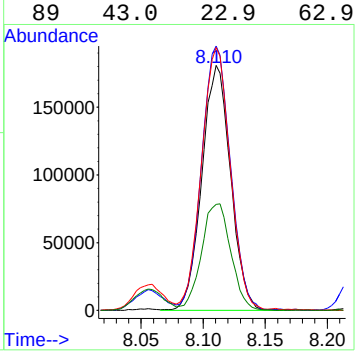


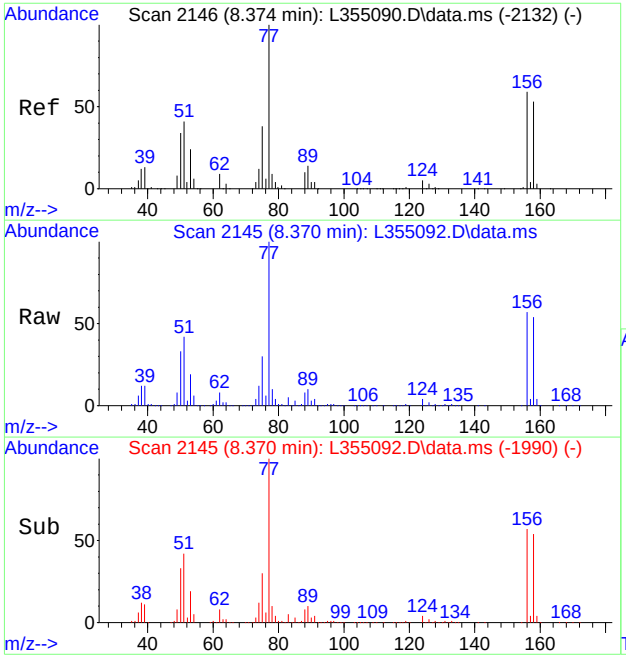


#94
cis-1,4-dichloro-2-butene
Concen: 182.86 ug/L
RT: 8.110 min Scan# 2064
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 88 Resp: 291078

Ion	Ratio	Lower	Upper
88	100		
75	107.5	87.0	127.0
53	107.0	79.7	119.7
89	43.0	22.9	62.9

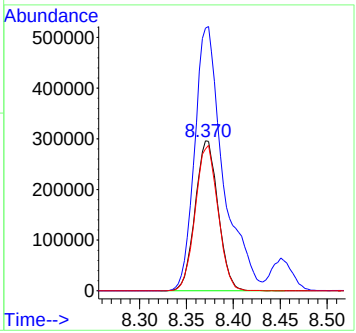


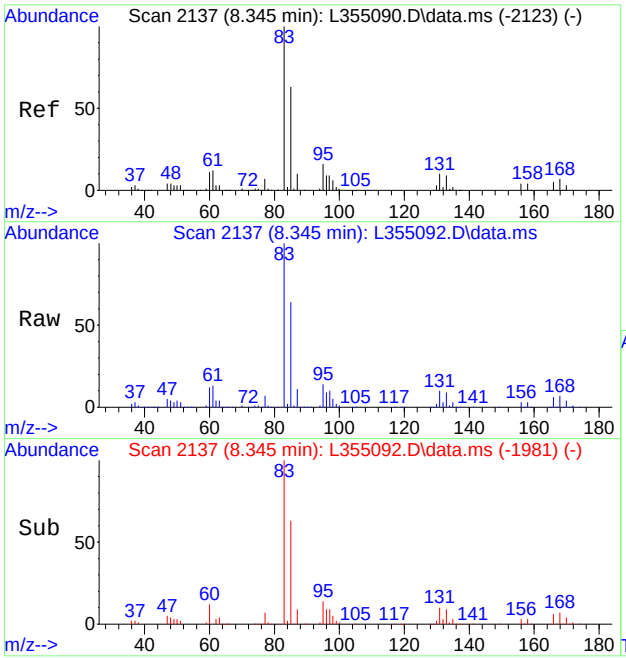


#97
bromobenzene
Concen: 182.64 ug/L
RT: 8.370 min Scan# 2145
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:156 Resp: 503275

Ion	Ratio	Lower	Upper
156	100		
77	175.1	138.1	198.1
158	94.6	58.3	118.3

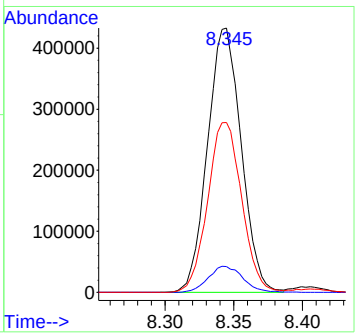


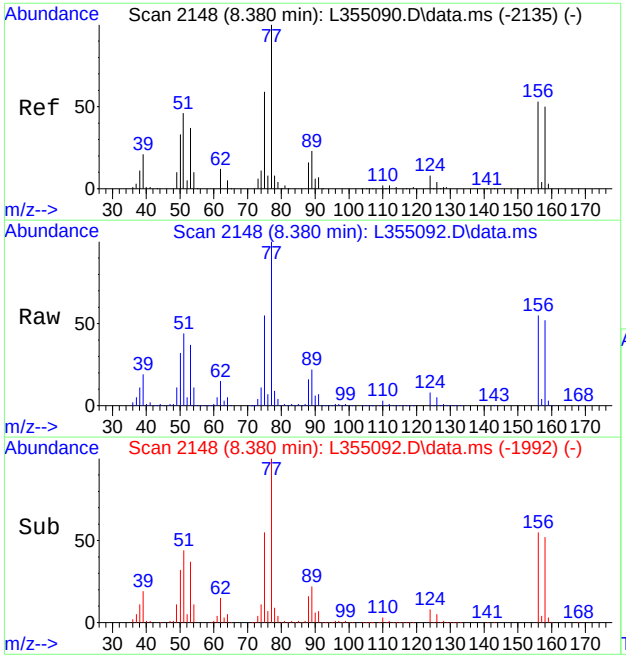


#98
1,1,2,2-tetrachloroethane
Concen: 184.64 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 83 Resp: 739612

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	39.6
85	64.3	33.1	93.1

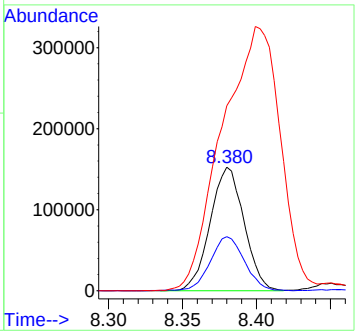


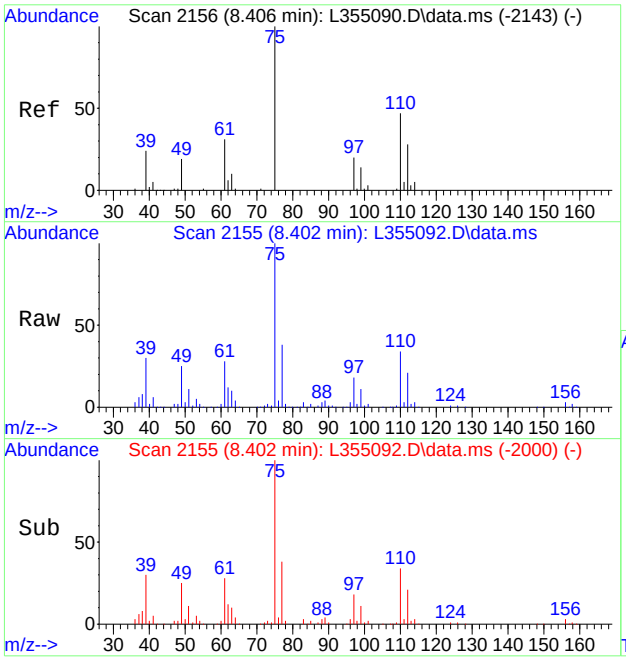


#99
trans-1,4-dichloro-2-butene
Concen: 188.82 ug/L
RT: 8.380 min Scan# 2148
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 53 Resp: 242793

Ion	Ratio	Lower	Upper
53	100		
88	43.3	13.5	73.5
75	149.0	128.5	188.5

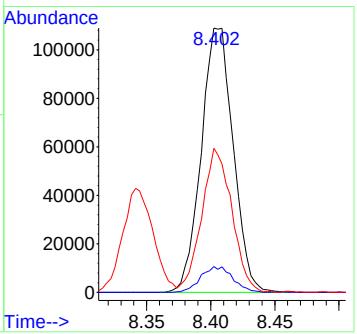


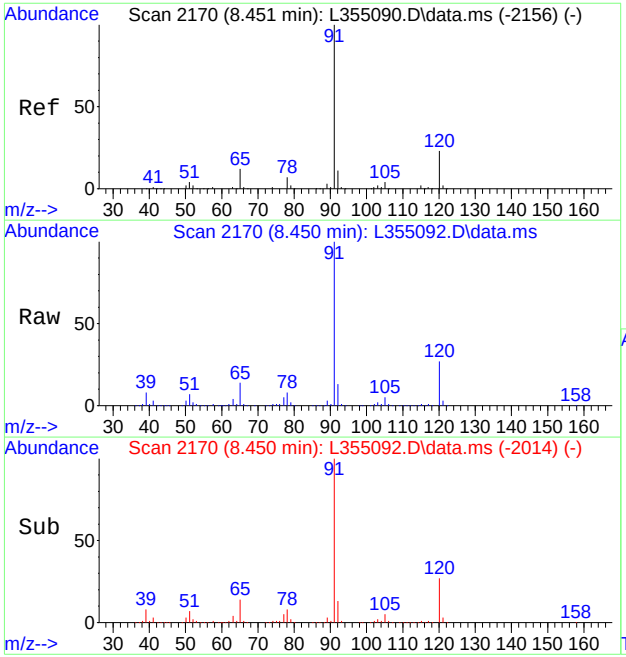


#100
1,2,3-trichloropropane
Concen: 175.63 ug/L
RT: 8.402 min Scan# 2155
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:110 Resp: 189375

Ion	Ratio	Lower	Upper
110	100		
111	9.8	0.0	39.7
97	54.2	18.0	78.0

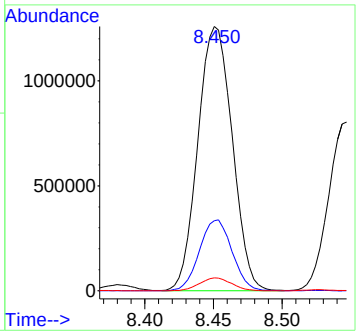


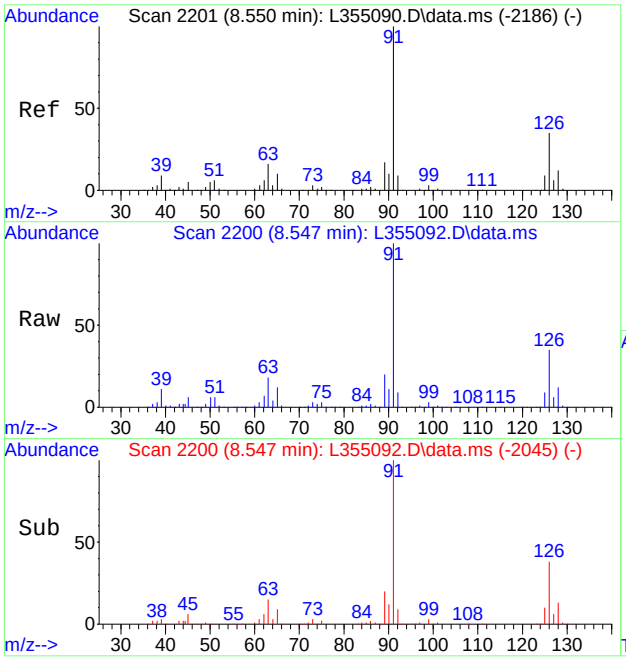


#101
n-propylbenzene
Concen: 155.07 ug/L
RT: 8.450 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 91 Resp: 2191778

Ion	Ratio	Lower	Upper
91	100		
120	26.6	0.0	53.4
105	4.9	0.0	34.1

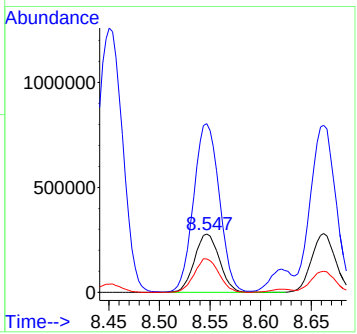


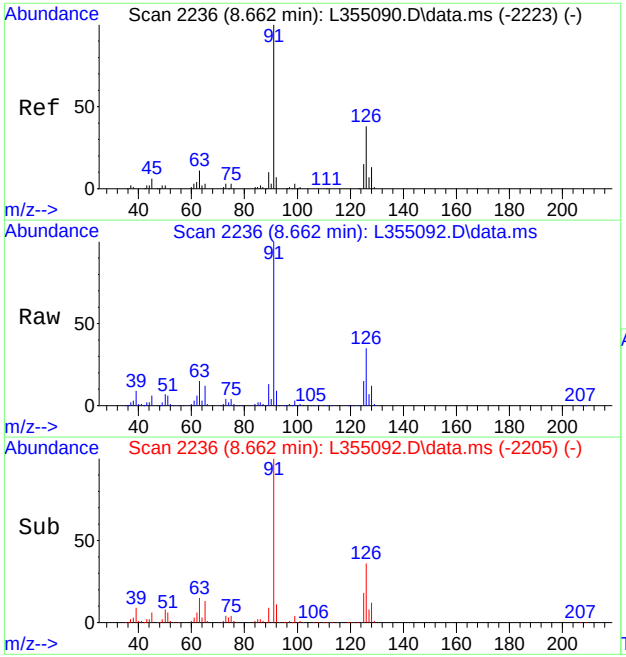


#102
2-chlorotoluene
Concen: 175.71 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:126 Resp: 477524

Ion	Ratio	Lower	Upper
126	100		
91	288.2	258.6	318.6
89	57.2	18.8	78.8

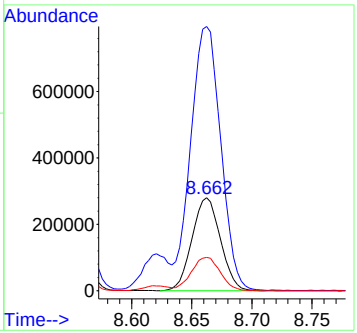


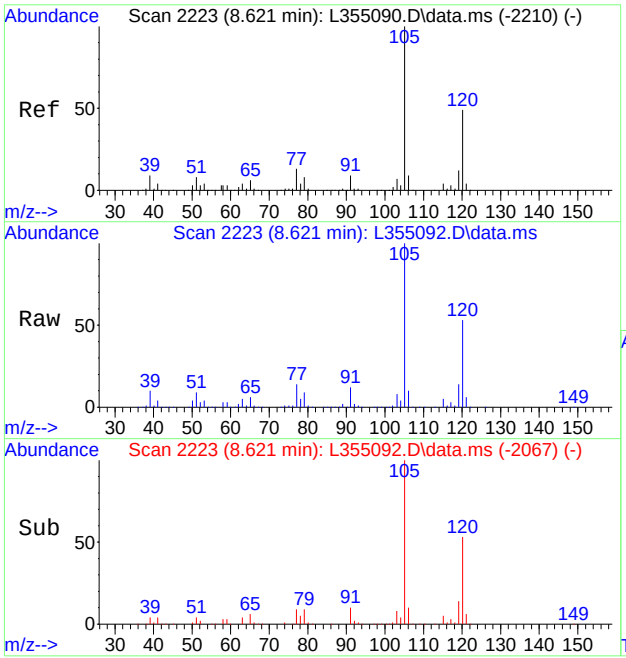


#103
4-chlorotoluene
Concen: 175.00 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:126 Resp: 460938

Ion	Ratio	Lower	Upper
126	100		
91	283.6	272.7	332.7
89	35.8	2.4	62.4

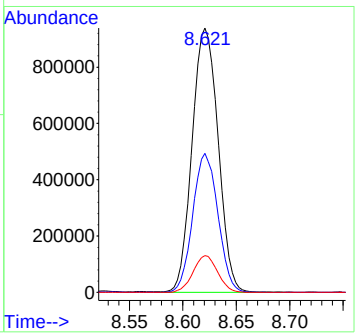


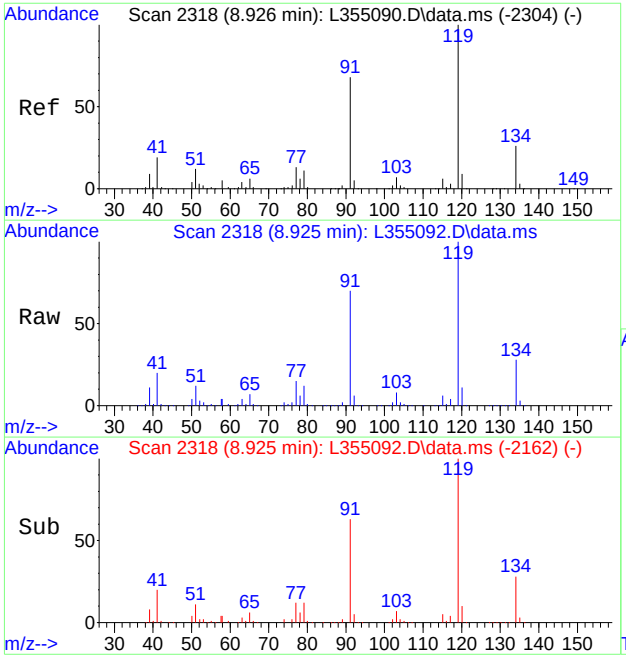


#104
1,3,5-trimethylbenzene
Concen: 159.97 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:105 Resp: 1589214

Ion	Ratio	Lower	Upper
105	100		
120	52.6	19.0	79.0
119	13.9	0.0	42.2

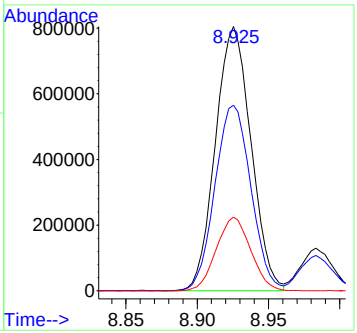


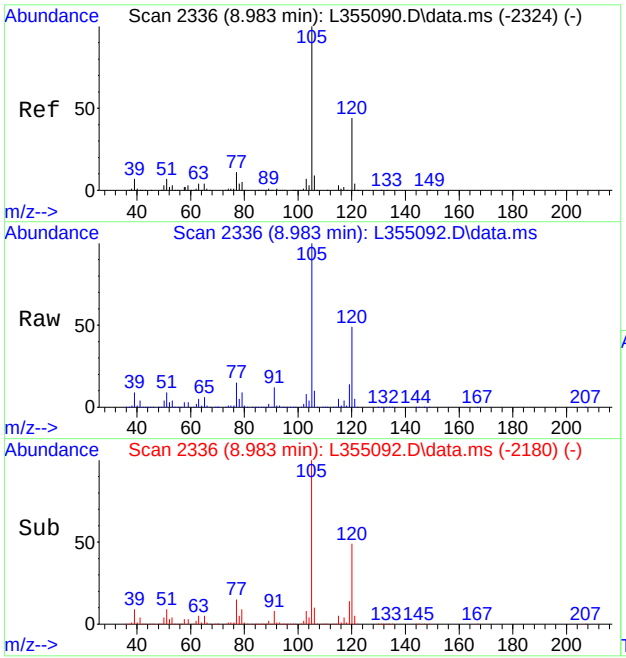


#105
tert-butylbenzene
Concen: 169.62 ug/L
RT: 8.925 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:119 Resp: 1399948

Ion	Ratio	Lower	Upper
119	100		
91	70.1	38.0	98.0
134	27.8	0.0	56.2

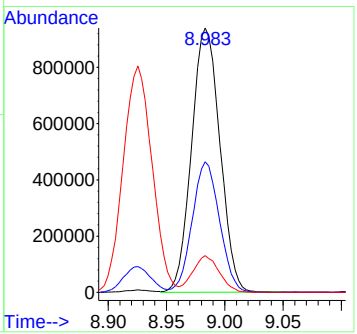


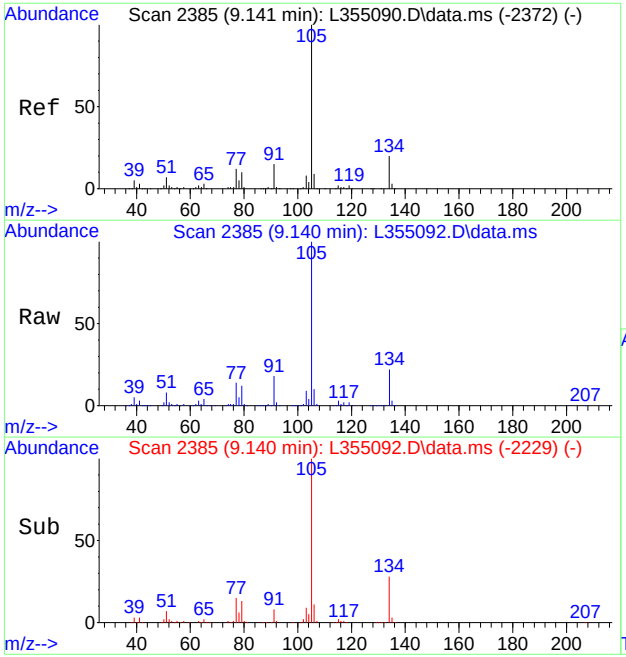


#106
1,2,4-trimethylbenzene
Concen: 160.40 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:105 Resp: 1592340

Ion	Ratio	Lower	Upper
105	100		
120	49.4	15.8	75.8
119	13.8	0.0	42.1

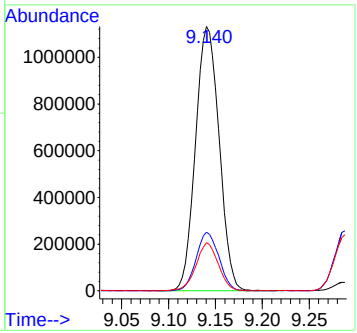


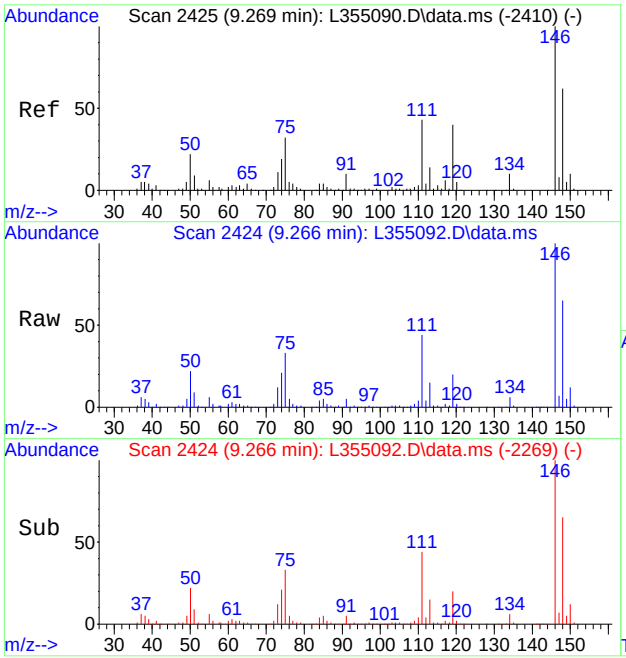


#107
sec-butylbenzene
Concen: 163.93 ug/L
RT: 9.140 min Scan# 2385
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:105 Resp: 1978513

Ion	Ratio	Lower	Upper
105	100		
134	22.2	0.0	50.4
91	18.1	0.0	45.4

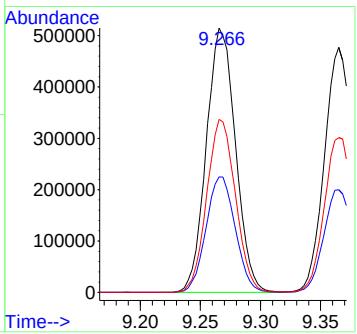


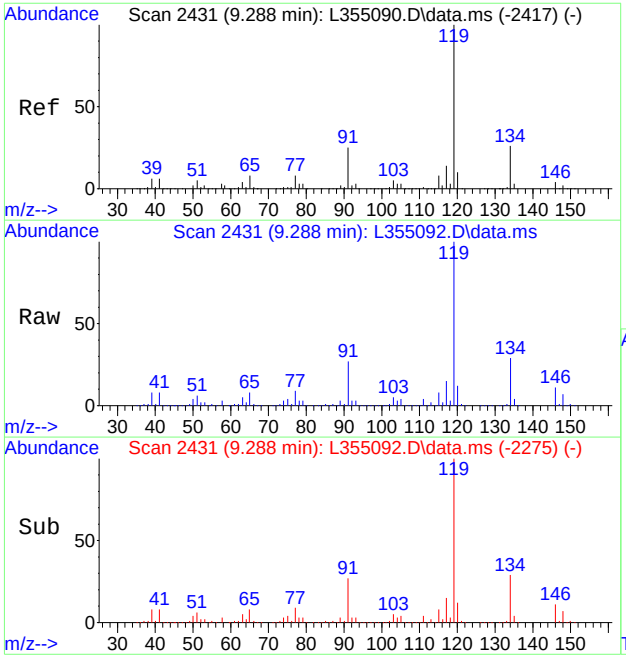


#108
1,3-dichlorobenzene
Concen: 181.98 ug/L
RT: 9.266 min Scan# 2424
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:146 Resp: 870336

Ion	Ratio	Lower	Upper
146	100		
111	43.6	13.1	73.1
148	65.4	32.4	92.4

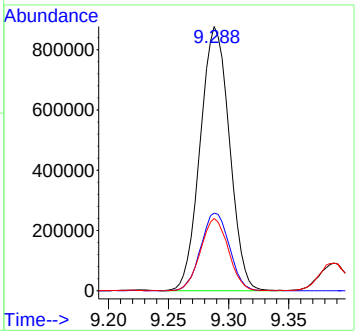


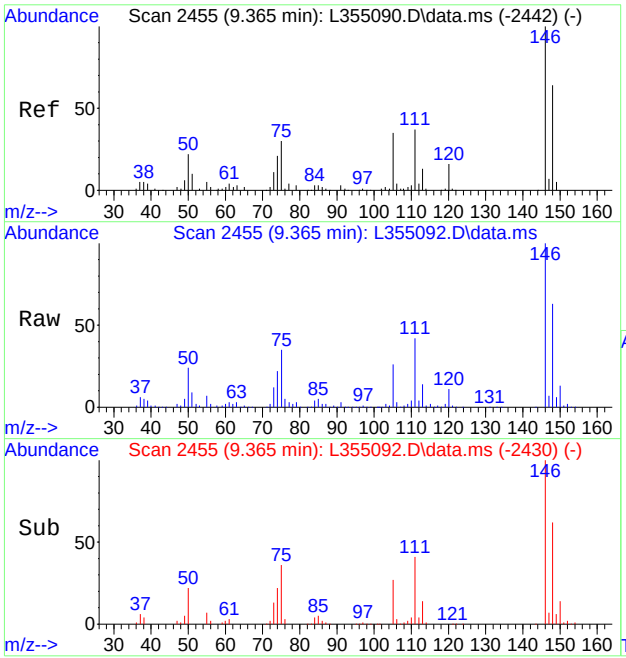


#109
p-isopropyltoluene
Concen: 158.93 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:119 Resp: 1483711

Ion	Ratio	Lower	Upper
119	100		
134	29.3	0.0	56.2
91	27.3	0.0	55.0

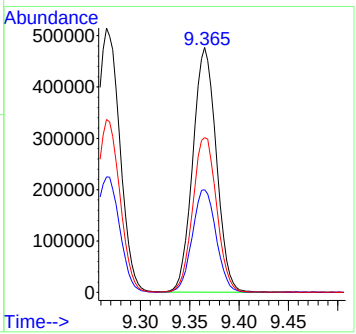


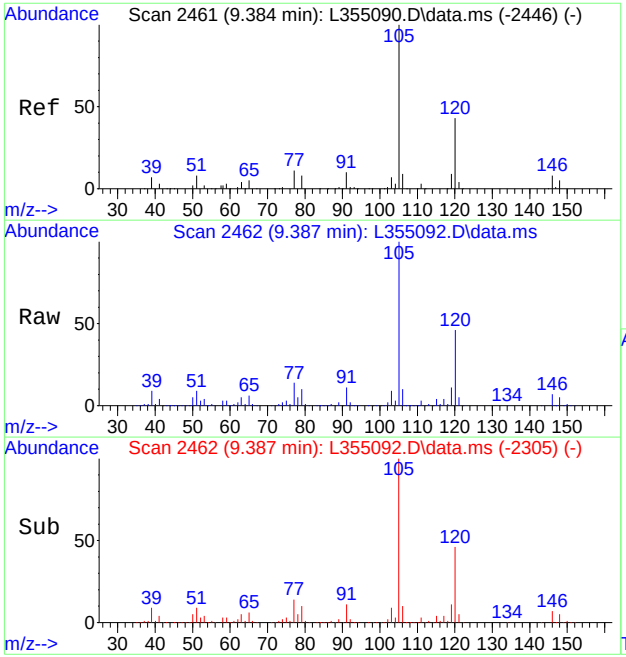


#110
1,4-dichlorobenzene
Concen: 182.20 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:146 Resp: 791181

Ion	Ratio	Lower	Upper
146	100		
111	41.8	7.6	67.6
148	63.1	33.7	93.7

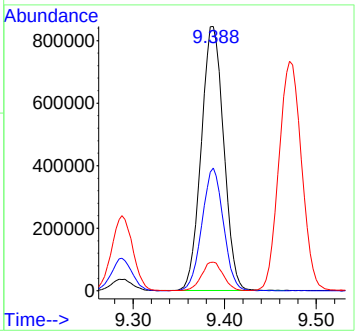


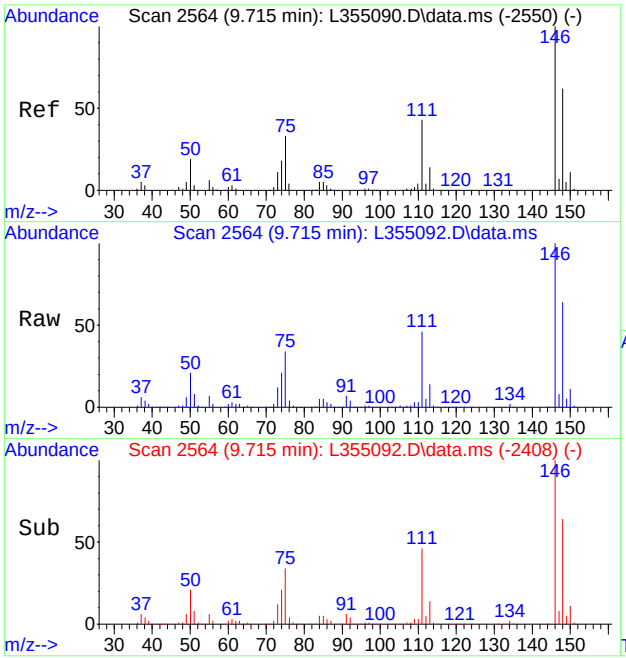


#111
1,2,3-trimethylbenzene
Concen: 159.63 ug/L
RT: 9.387 min Scan# 2462
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:105 Resp: 1440132

Ion	Ratio	Lower	Upper
105	100		
120	46.4	13.0	73.0
91	10.6	0.0	39.8

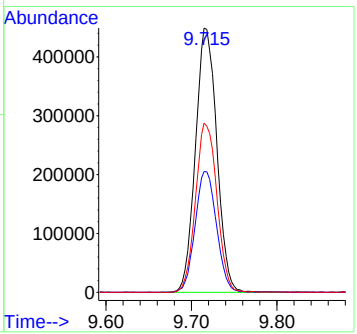


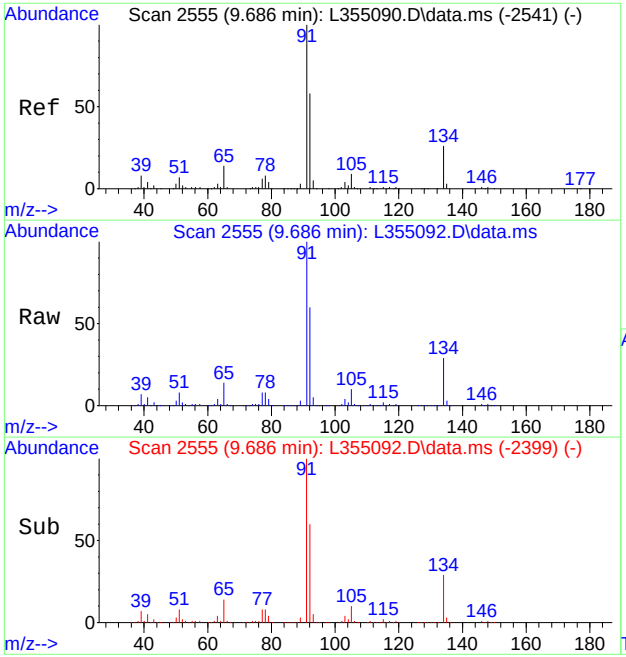


#112
1,2-dichlorobenzene
Concen: 176.21 ug/L
RT: 9.715 min Scan# 2564
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:146 Resp: 780185

Ion	Ratio	Lower	Upper
146	100		
111	45.7	13.0	73.0
148	64.1	32.1	92.1

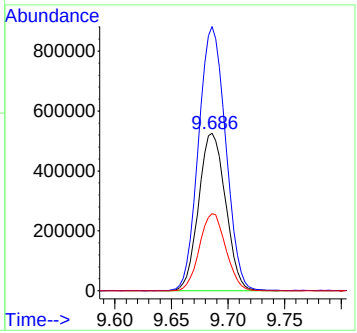


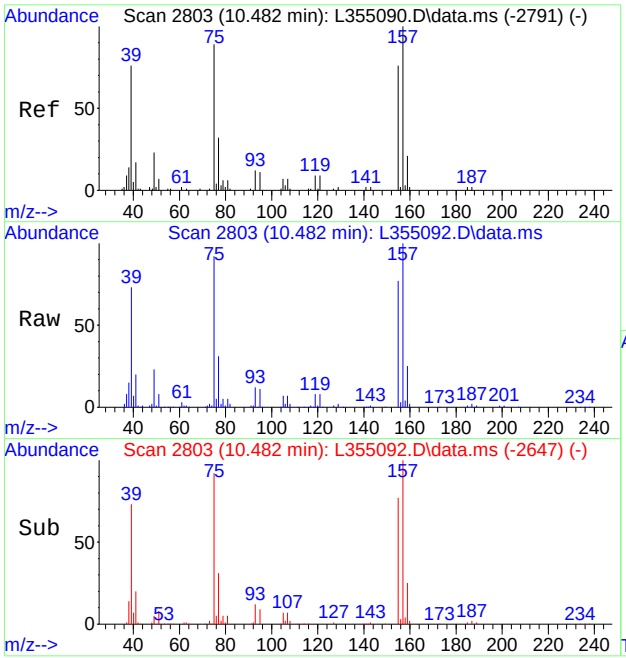


#113
n-butylbenzene
Concen: 189.55 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 92 Resp: 868919

Ion	Ratio	Lower	Upper
92	100		
91	167.7	141.2	201.2
134	48.9	14.9	74.9

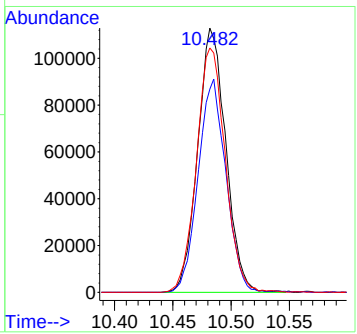


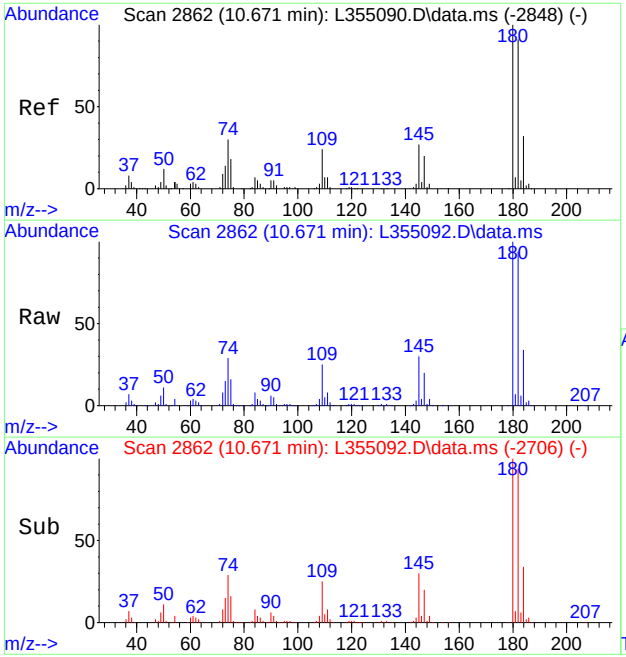


#114
1,2-dibromo-3-chloropropane
Concen: 226.11 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:157 Resp: 189657

Ion	Ratio	Lower	Upper
157	100		
155	76.8	46.0	106.0
75	92.5	58.9	118.9

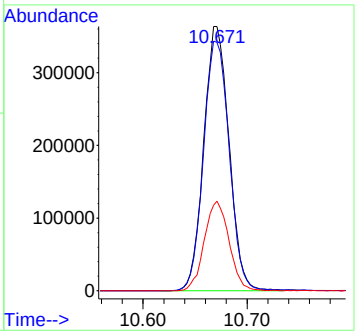


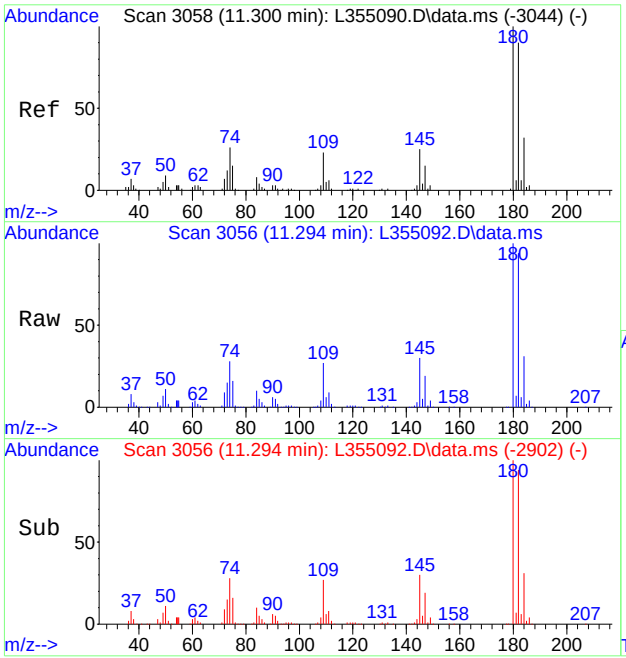


#115
1,3,5-trichlorobenzene
Concen: 210.73 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:180 Resp: 613737

Ion	Ratio	Lower	Upper
180	100		
182	93.9	61.0	121.0
184	33.9	1.5	61.5

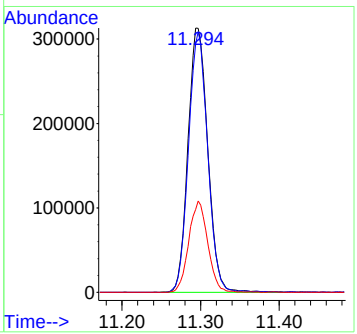


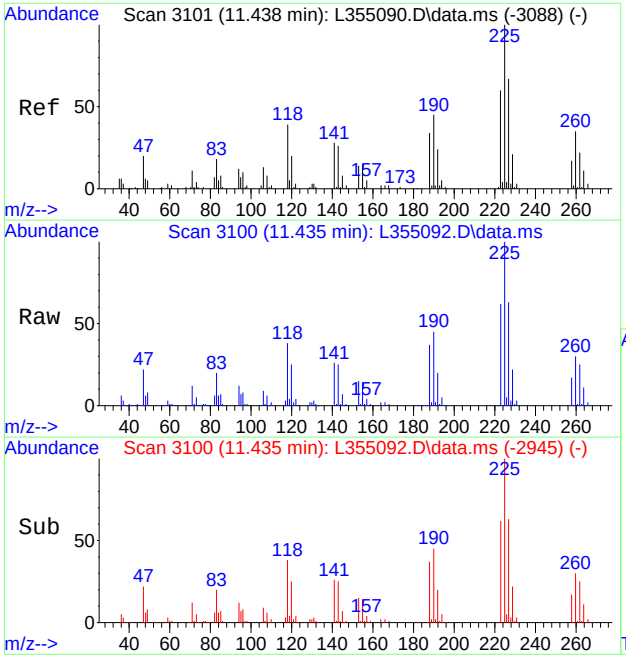


#116
1,2,4-trichlorobenzene
Concen: 233.67 ug/L
RT: 11.294 min Scan# 3056
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:180 Resp: 546952

Ion	Ratio	Lower	Upper
180	100		
182	94.0	59.8	119.8
184	31.4	1.8	61.8

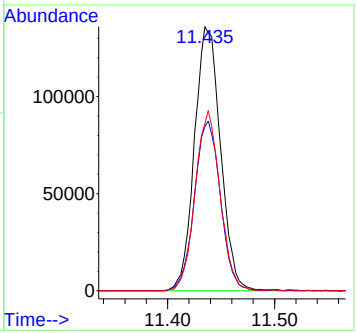


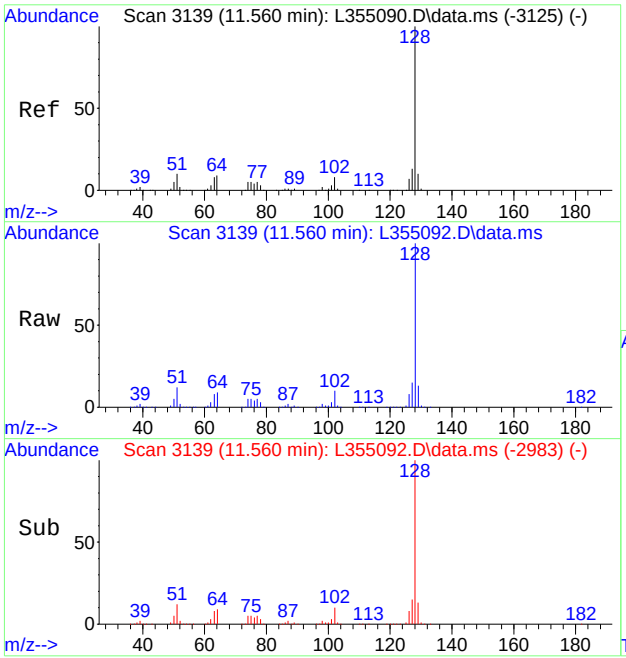


#117
hexachlorobutadiene
Concen: 210.05 ug/L
RT: 11.435 min Scan# 3100
Delta R.T. -0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:225 Resp: 230761

Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.5	90.5
227	63.1	37.2	97.2

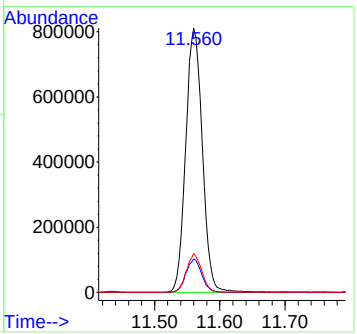


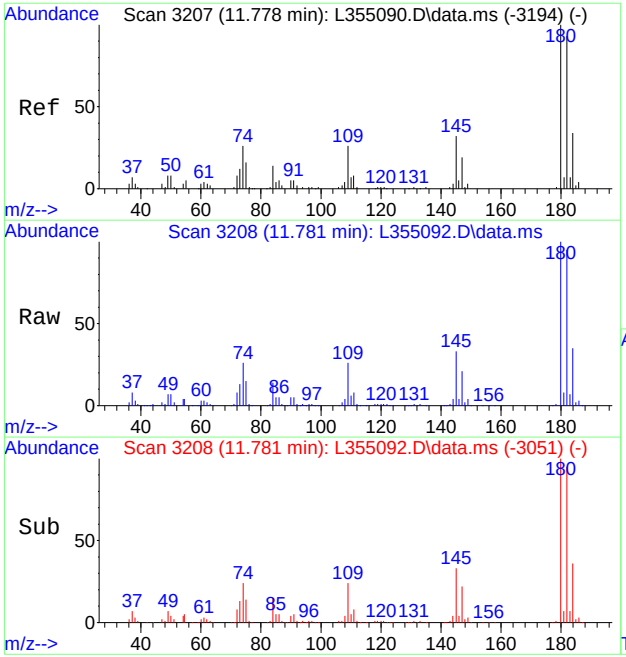


#118
naphthalene
Concen: 222.79 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:128 Resp: 1438264

Ion	Ratio	Lower	Upper
128	100		
129	12.6	0.0	40.2
127	14.6	0.0	43.0

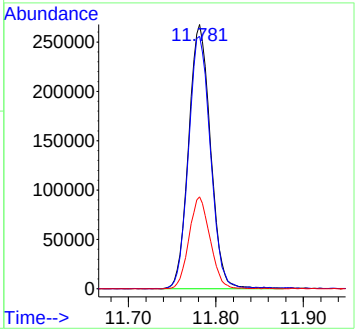


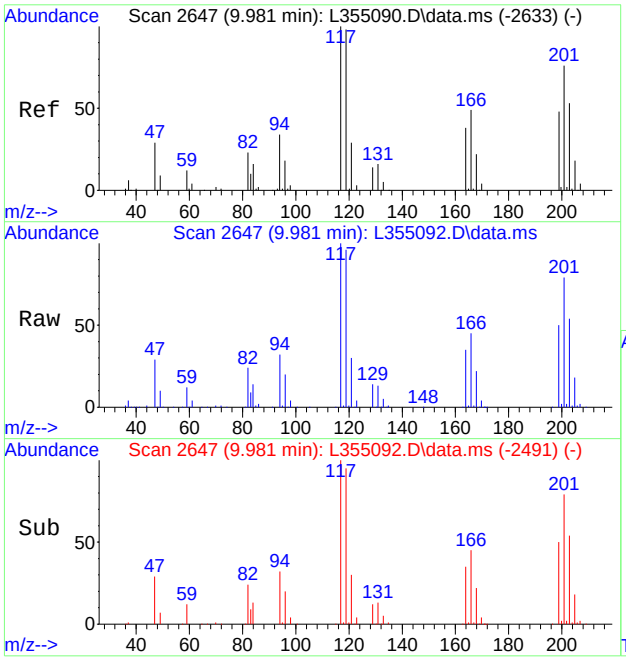


#119
1,2,3-trichlorobenzene
Concen: 232.88 ug/L
RT: 11.781 min Scan# 3208
Delta R.T. 0.003 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:180 Resp: 466743

Ion	Ratio	Lower	Upper
180	100		
182	95.5	63.1	123.1
184	34.8	3.8	63.8

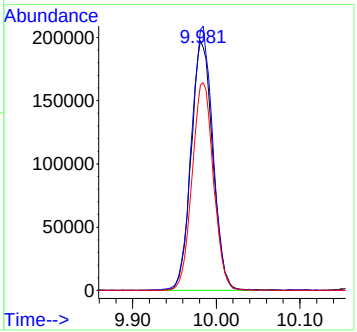


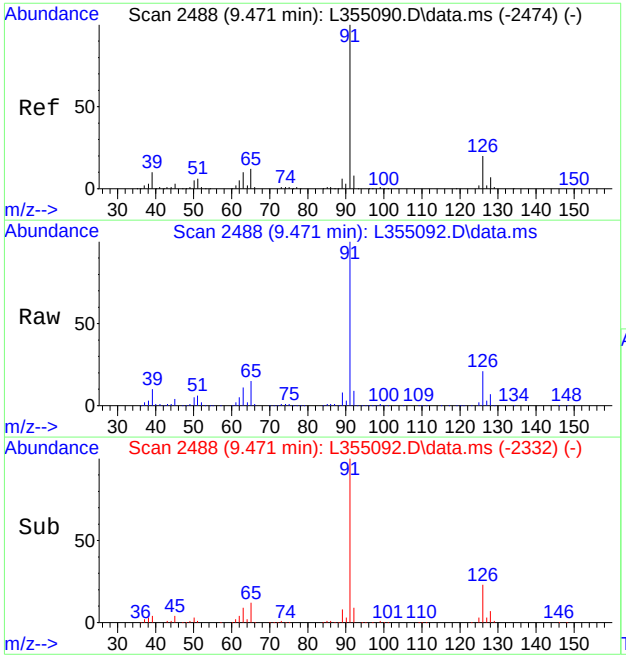


#120
hexachloroethane
Concen: 201.42 ug/L
RT: 9.981 min Scan# 2647
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:119 Resp: 353402

Ion	Ratio	Lower	Upper
119	100		
117	104.3	71.9	131.9
201	82.3	47.2	107.2

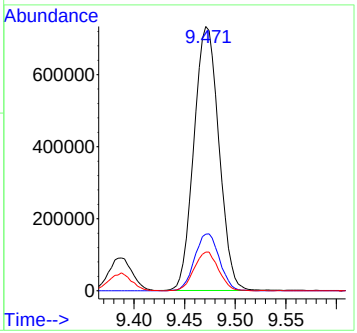


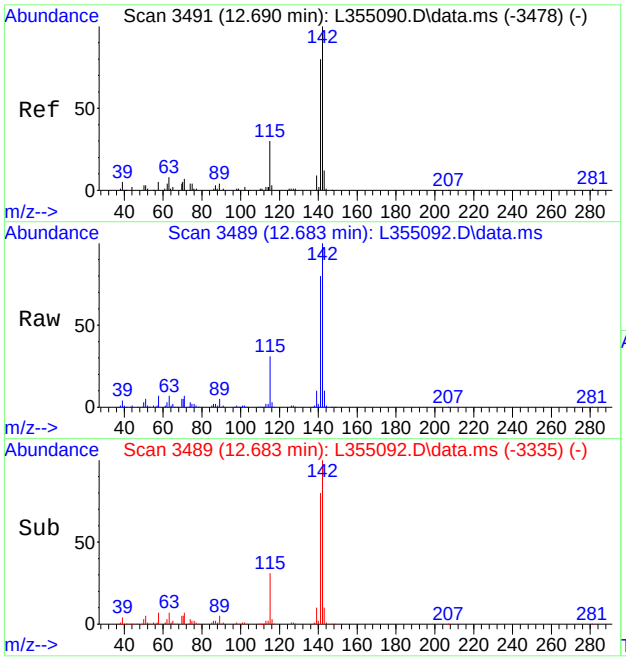


#121
benzyl chloride
Concen: 183.96 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. -0.000 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion: 91 Resp: 1262816

Ion	Ratio	Lower	Upper
91	100		
126	21.4	0.0	50.3
65	14.6	0.0	42.2

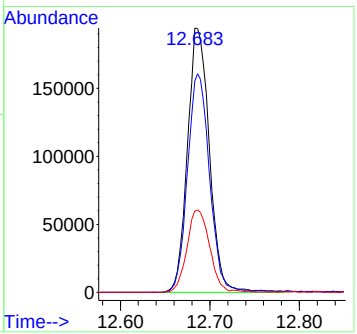




#122
2-methylnaphthalene
Concen: 119.88 ug/L
RT: 12.683 min Scan# 3489
Delta R.T. -0.007 min
Lab File: L355092.D
Acq: 29 Apr 2023 9:38 pm

Tgt Ion:142 Resp: 331539

Ion	Ratio	Lower	Upper
142	100		
141	80.0	59.9	99.9
115	30.7	10.4	50.4



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355095.D
Acq On : 29 Apr 2023 10:47 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 13:03:43 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) tert butyl alcohol-d9	2.989	65	135500	500.00	ug/L		0.00
5) pentafluorobenzene	4.199	168	273257	50.00	ug/L		0.00
51) 1,4-difluorobenzene	4.767	114	401328	50.00	ug/L		0.00
72) chlorobenzene-d5	7.148	117	360414	50.00	ug/L		0.00
95) 1,4-dichlorobenzene-d4	9.343	152	141330	50.00	ug/L		0.00
123) pentafluorobenzene(a)	4.199	168	273257	50.00	ug/L		0.00
127) 1,4-dichlorobenzene-d4(a)	9.343	152	141330	50.00	ug/L		0.00
System Monitoring Compounds							
43) dibromofluoromethane (s)	4.209	113	116756	51.83	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.66%				
52) 1,2-dichloroethane-d4 (s)	4.462	65	135683	47.85	ug/L		0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 95.70%				
73) toluene-d8 (s)	5.906	98	451395	47.32	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.64%				
96) 4-bromofluorobenzene (s)	8.229	95	167213	50.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%				
Target Compounds							Qvalue
2) 1,4-dioxane	5.197	88	9366	992.43	ug/L		98
3) ethanol	2.424	45	97854	4538.73	ug/L		98
4) tertiary butyl alcohol	3.047	59	122148	264.97	ug/L		92
7) dichlorodifluoromethane	1.597	85	293996	53.34	ug/L		98
8) chloromethane	1.747	50	357043	59.32	ug/L		98
9) vinyl chloride	1.834	62	279140	59.74	ug/L		98
10) 1,3-butadiene	1.863	54	248647	48.63	ug/L		97
11) bromomethane	2.084	96	109531	60.91	ug/L		97
12) chloroethane	2.161	64	137103	57.21	ug/L		96
13) trichlorofluoromethane	2.341	101	292984	59.57	ug/L		98
14) ethyl ether	2.517	74	117055	54.01	ug/L		94
15) acrolein	2.620	56	60946	56.60	ug/L		95
16) freon 113	2.691	151	134554	51.07	ug/L		96
17) 1,1-dichloroethene	2.697	96	148526	58.31	ug/L		96
18) acetone	2.704	58	110308	199.72	ug/L		84
19) acetonitrile	2.896	40	188608	589.36	ug/L		96
20) iodomethane	2.809	142	160656	58.33	ug/L		95
21) iso-butyl alcohol	4.350	43	99016	481.02	ug/L		94
22) carbon disulfide	2.867	76	511343	47.88	ug/L		99
23) methylene chloride	3.021	84	161780	51.49	ug/L		96
24) methyl acetate	2.909	74	43484	55.49	ug/L		95
25) methyl tert butyl ether	3.185	73	508893	49.98	ug/L		96
26) trans-1,2-dichloroethene	3.204	96	151668	51.67	ug/L		98
27) hexane	3.377	57	377406	49.58	ug/L		97
28) di-isopropyl ether	3.487	45	719071	47.10	ug/L		100
29) ethyl tert-butyl ether	3.734	59	632292	49.12	ug/L		97
30) 2-butanone	3.849	72	115864	211.68	ug/L		95
31) 1,1-dichloroethane	3.496	63	329690	49.98	ug/L		97
32) chloroprene	3.548	53	331634	48.61	ug/L		98
33) acrylonitrile	3.166	53	113429	50.68	ug/L		94
34) vinyl acetate	3.467	86	32472	43.46	ug/L		96
35) ethyl acetate	3.862	45	46383	48.58	ug/L		85
36) 2,2-dichloropropane	3.891	77	232343	47.64	ug/L		96
37) cis-1,2-dichloroethene	3.878	96	155945	49.38	ug/L		97
38) propionitrile	3.897	54	320483	444.95	ug/L		96
39) methyl acrylate	3.907	85	30359	50.36	ug/L	#	91
40) bromochloromethane	4.045	128	71373	49.87	ug/L	#	85
41) tetrahydrofuran	4.058	72	29407	46.37	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355095.D
Acq On : 29 Apr 2023 10:47 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 13:03:43 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	chloroform	4.096	83	275706	48.33	ug/L		97
44)	methacrylonitrile	4.006	67	95849	51.15	ug/L		99
45)	1,1,1-trichloroethane	4.241	97	235293	54.09	ug/L		97
46)	cyclohexane	4.295	84	253506	53.05	ug/L		92
47)	1,1-dichloropropene	4.343	75	218378	51.58	ug/L		97
48)	carbon tetrachloride	4.350	117	192775	50.17	ug/L		98
49)	isopropyl acetate	4.462	87	45245	50.97	ug/L		98
50)	tert amyl alcohol	4.436	55	47831	245.99	ug/L		92
53)	tert-amyl methyl ether	4.552	73	452771	44.62	ug/L		98
54)	2,2,4-trimethylpentane	4.552	57	597847	45.72	ug/L		99
55)	n-butyl alcohol	4.821	56	222707	2404.36	ug/L		99
56)	benzene	4.491	78	609725	47.83	ug/L		96
57)	heptane	4.661	57	148834	48.46	ug/L		97
58)	1,2-dichloroethane	4.517	62	214685	45.54	ug/L		98
59)	trichloroethene	4.956	95	165903	49.21	ug/L		98
60)	ethyl acrylate	4.975	55	336202	48.41	ug/L		99
61)	2-nitropropane	5.505	41	78106	46.50	ug/L		93
62)	2-chloroethyl vinyl ether	5.537	63	342838	211.96	ug/L		97
63)	methyl methacrylate	5.158	100	57920	56.14	ug/L	#	64
64)	1,2-dichloropropane	5.152	63	176842	43.40	ug/L		97
65)	methylcyclohexane	5.146	83	278217	45.26	ug/L		99
66)	dibromomethane	5.223	93	88931	44.68	ug/L		91
67)	bromodichloromethane	5.345	83	216426	45.79	ug/L		97
68)	cis-1,3-dichloropropene	5.681	75	282943	46.66	ug/L		97
69)	epichlorohydrin	5.592	57	124633	230.14	ug/L		96
70)	4-methyl-2-pentanone	5.781	58	414722	185.47	ug/L		97
71)	3-methyl-1-butanol	5.803	70	86005	891.98	ug/L		96
74)	toluene	5.964	92	380574	47.79	ug/L		99
75)	trans-1,3-dichloropropene	6.134	75	253312	44.75	ug/L		99
76)	ethyl methacrylate	6.153	69	213365	41.21	ug/L		100
77)	1,1,2-trichloroethane	6.304	83	127540	45.33	ug/L		94
78)	2-hexanone	6.468	58	403420	172.97	ug/L		96
79)	tetrachloroethene	6.397	166	243234	73.15	ug/L		94
80)	1,3-dichloropropane	6.445	76	250477	45.54	ug/L		99
81)	butyl acetate	6.551	56	185027	49.57	ug/L		93
82)	dibromochloromethane	6.634	129	153223	45.43	ug/L		93
83)	1,2-dibromoethane	6.753	107	157886	47.44	ug/L		100
84)	n-butyl ether	7.225	57	844356	50.53	ug/L		98
85)	chlorobenzene	7.180	112	403337	48.51	ug/L		96
86)	1,1,1,2-tetrachloroethane	7.247	131	132173	45.81	ug/L		97
87)	ethylbenzene	7.254	91	647291	46.10	ug/L		99
88)	m,p-xylene	7.369	106	522308	91.51	ug/L		97
89)	o-xylene	7.722	106	264506	45.24	ug/L		99
90)	butyl acrylate	7.642	55	485389	49.55	ug/L		98
91)	styrene	7.738	104	360977	39.36	ug/L		99
92)	bromoform	7.915	173	114811	46.21	ug/L		89
93)	isopropylbenzene	8.056	105	682551	46.89	ug/L		99
94)	cis-1,4-dichloro-2-butene	8.111	88	78282	48.33	ug/L		96
97)	bromobenzene	8.374	156	151938	49.36	ug/L		93
98)	1,1,2,2-tetrachloroethane	8.345	83	207170	46.25	ug/L		97
99)	trans-1,4-dichloro-2-b...	8.377	53	75285	52.33	ug/L		88
100)	1,2,3-trichloropropane	8.406	110	57863	48.31	ug/L		99
101)	n-propylbenzene	8.451	91	729725	46.94	ug/L		100
102)	2-chlorotoluene	8.547	126	142266	47.05	ug/L		93
103)	4-chlorotoluene	8.663	126	138027	47.12	ug/L		99
104)	1,3,5-trimethylbenzene	8.621	105	514329	46.94	ug/L		97
105)	tert-butylbenzene	8.926	119	448430	49.00	ug/L		96
106)	1,2,4-trimethylbenzene	8.983	105	503709	46.00	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355095.D
Acq On : 29 Apr 2023 10:47 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 13:03:43 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

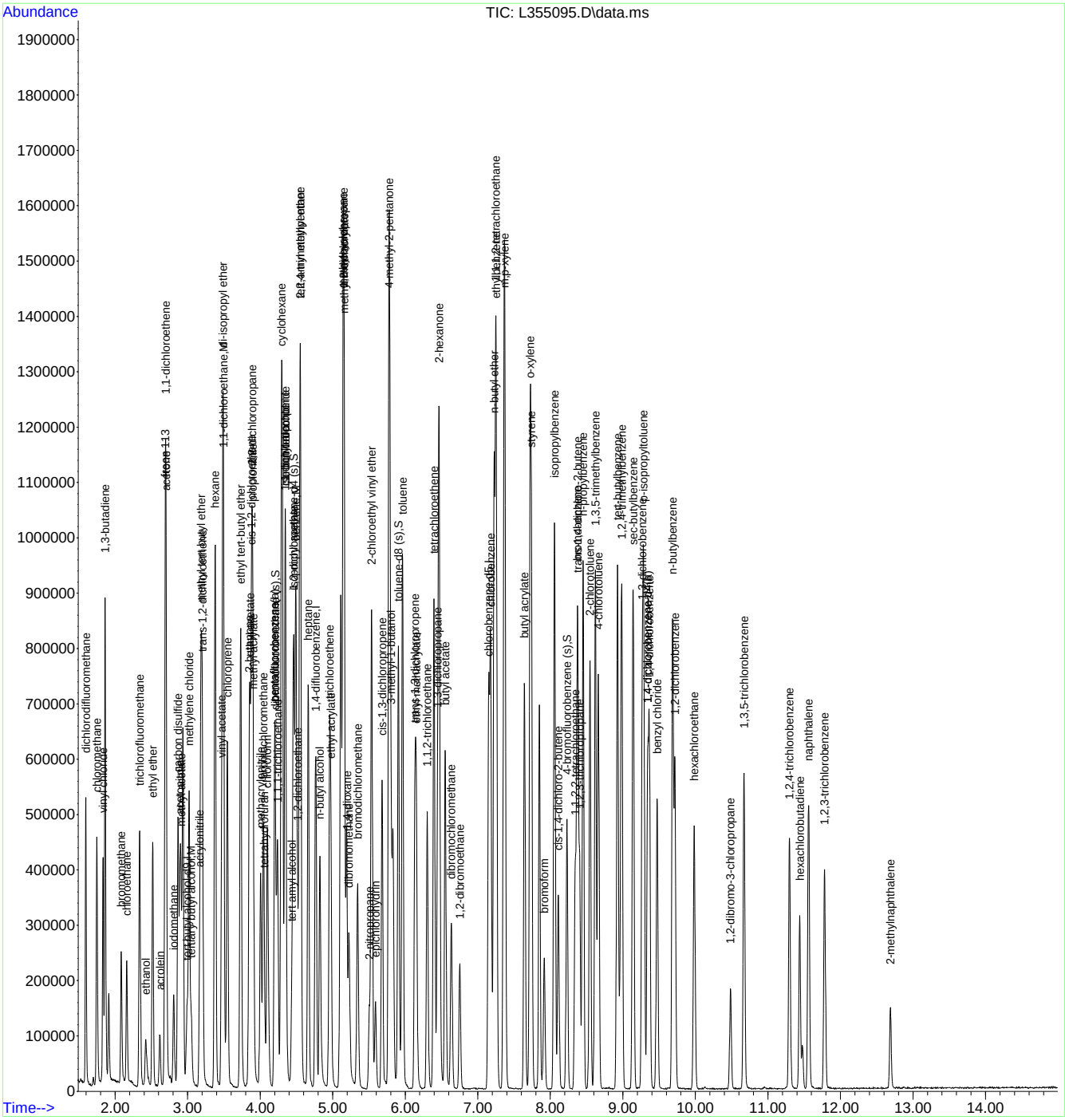
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) sec-butylbenzene	9.144	105	649655	48.60	ug/L	99
108) 1,3-dichlorobenzene	9.269	146	262376	49.13	ug/L	98
109) p-isopropyltoluene	9.285	119	482310	46.87	ug/L	98
110) 1,4-dichlorobenzene	9.365	146	242979	50.11	ug/L	96
112) 1,2-dichlorobenzene	9.718	146	235498	47.72	ug/L	98
113) n-butylbenzene	9.686	92	260051	50.59	ug/L	96
114) 1,2-dibromo-3-chloropr...	10.482	157	49988	51.99	ug/L	96
115) 1,3,5-trichlorobenzene	10.671	180	186720	56.50	ug/L	97
116) 1,2,4-trichlorobenzene	11.294	180	146836	54.60	ug/L	95
117) hexachlorobutadiene	11.441	225	64752	51.97	ug/L	96
118) naphthalene	11.560	128	407860	55.38	ug/L	98
119) 1,2,3-trichlorobenzene	11.782	180	126792	55.08	ug/L	97
120) hexachloroethane	9.985	119	102391	51.70	ug/L	95
121) benzyl chloride	9.471	91	382649	49.87	ug/L	96
122) 2-methylnaphthalene	12.686	142	74061	24.19	ug/L	97

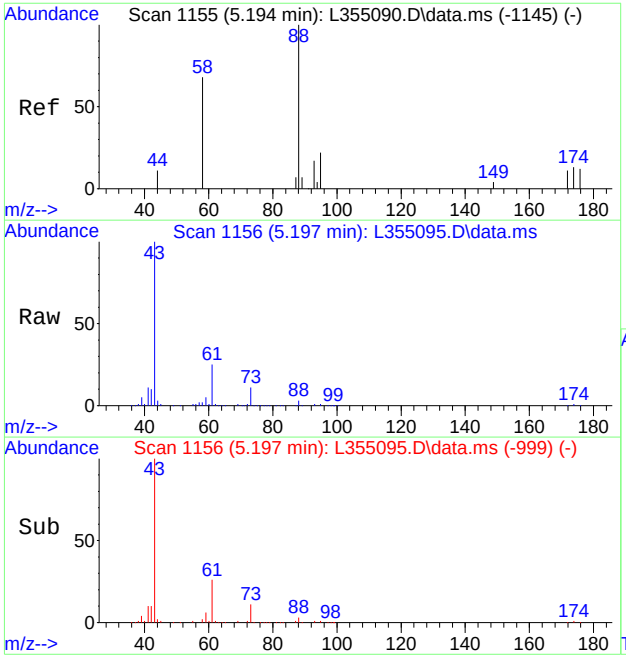
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355095.D
Acq On : 29 Apr 2023 10:47 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 13:03:43 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

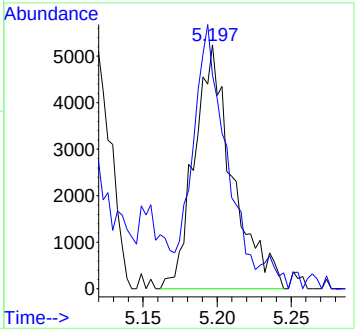


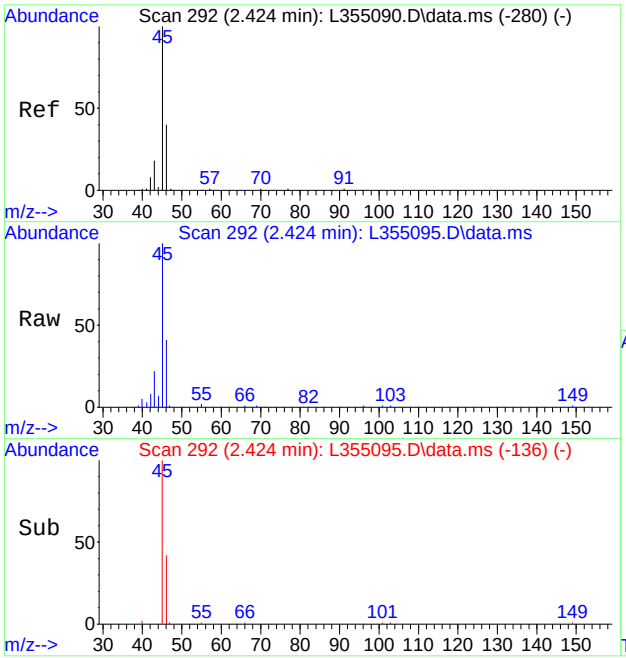


#2
1,4-dioxane
Concen: 992.43 ug/L
RT: 5.197 min Scan# 1156
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 88 Resp: 9366

Ion	Ratio	Lower	Upper
88	100		
58	81.0	53.2	113.2

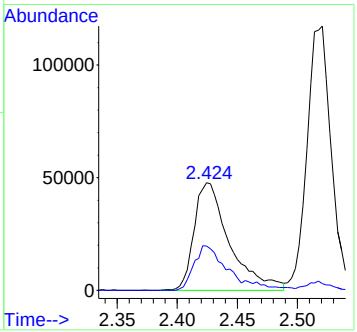


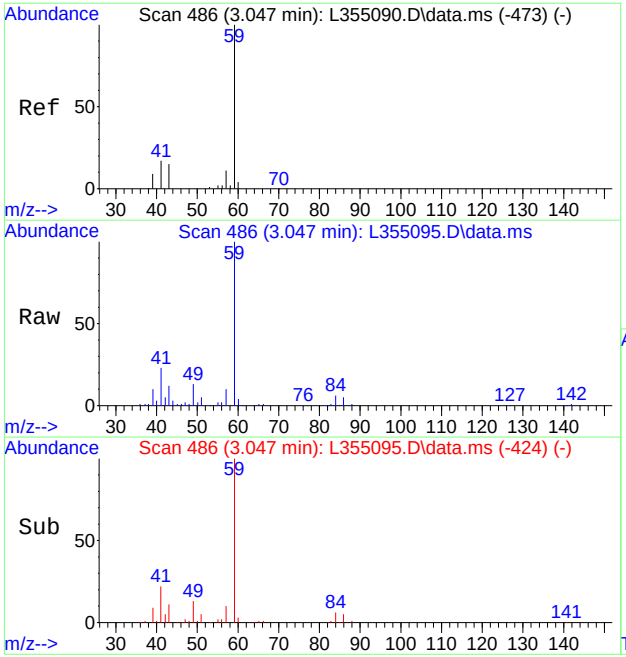


#3
ethanol
Concen: 4538.73 ug/L
RT: 2.424 min Scan# 292
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 45 Resp: 97854

Ion	Ratio	Lower	Upper
45	100		
46	41.2	20.0	60.0

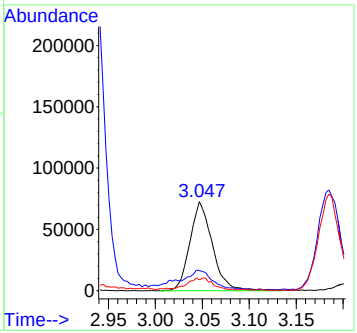


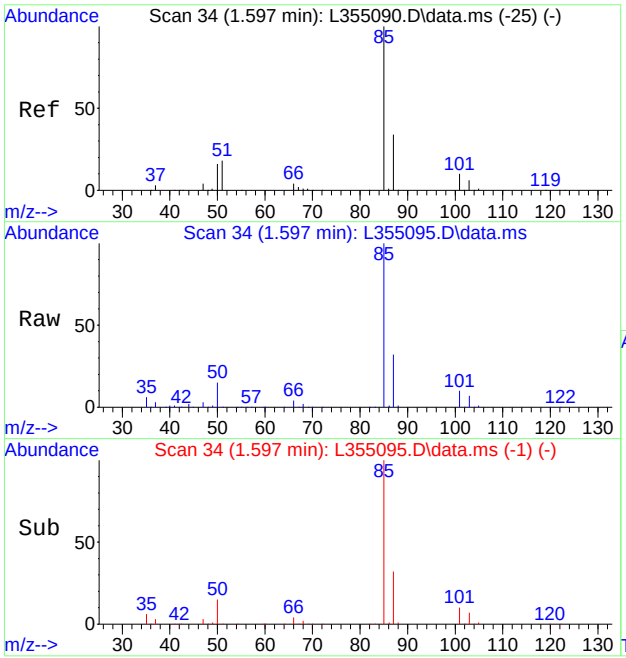


#4
tertiary butyl alcohol
Concen: 264.97 ug/L
RT: 3.047 min Scan# 486
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 59 Resp: 122148

Ion	Ratio	Lower	Upper
59	100		
41	20.5	0.0	47.4
43	11.2	0.0	44.8

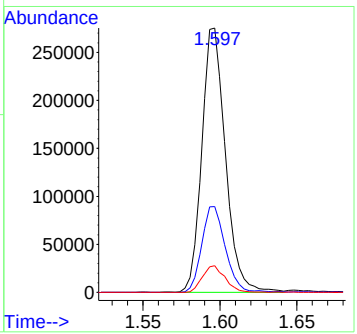


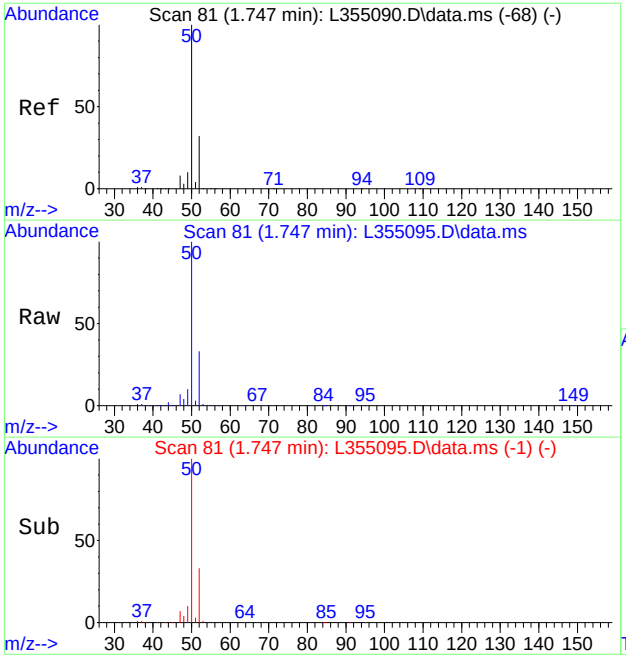


#7
dichlorodifluoromethane
Concen: 53.34 ug/L
RT: 1.597 min Scan# 34
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 85 Resp: 293996

Ion	Ratio	Lower	Upper
85	100		
87	32.5	3.9	63.9
101	10.1	0.0	39.7

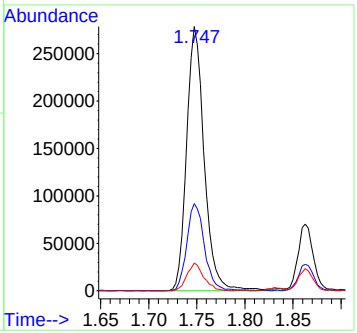


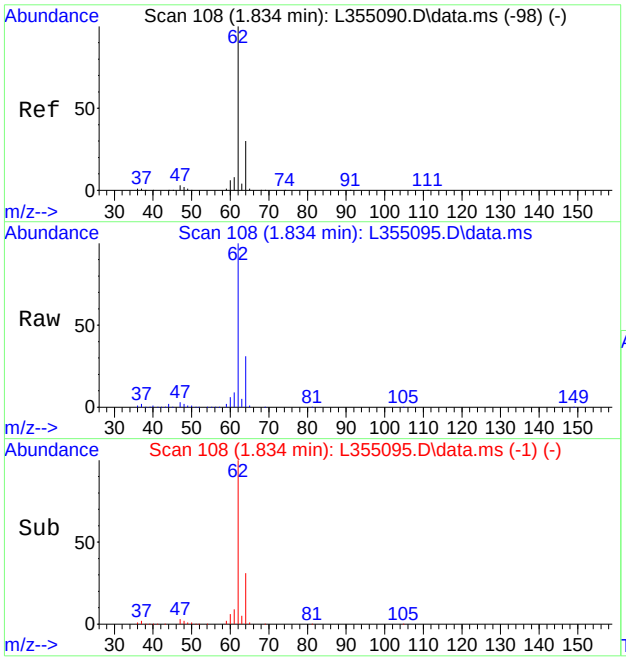


#8
chloromethane
Concen: 59.32 ug/L
RT: 1.747 min Scan# 81
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 50 Resp: 357043

Ion	Ratio	Lower	Upper
50	100		
52	33.0	1.7	61.7
49	10.5	0.0	40.1

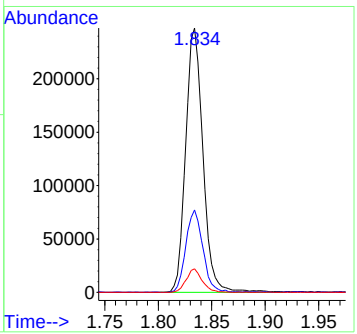


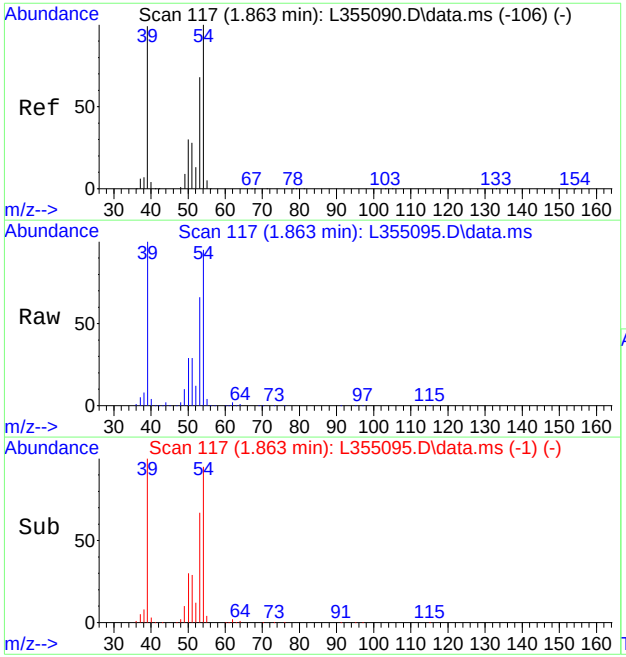


#9
vinyl chloride
Concen: 59.74 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 62 Resp: 279140

Ion	Ratio	Lower	Upper
62	100		
64	31.1	0.0	60.0
61	8.9	0.0	37.5

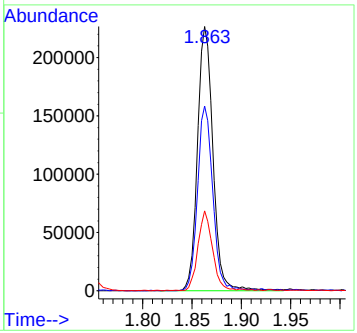


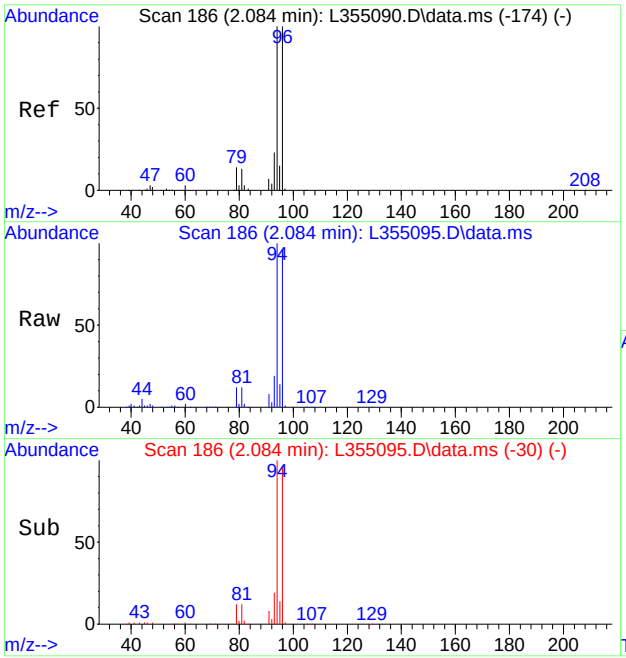


#10
1,3-butadiene
Concen: 48.63 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 54 Resp: 248647

Ion	Ratio	Lower	Upper
54	100		
53	69.9	38.4	98.4
51	30.2	0.0	57.9

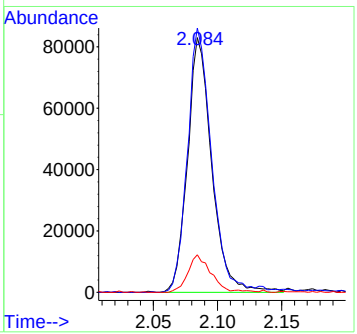


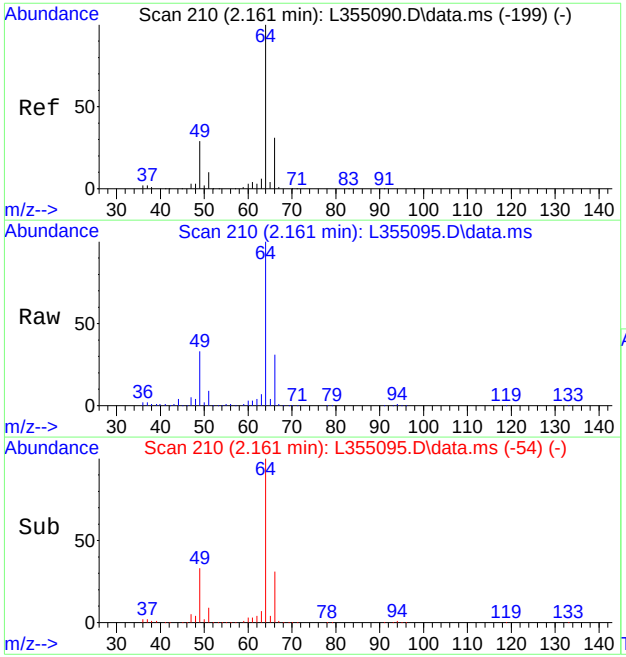


#11
bromomethane
Concen: 60.91 ug/L
RT: 2.084 min Scan# 186
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 96 Resp: 109531

Ion	Ratio	Lower	Upper
96	100		
94	103.8	70.4	130.4
95	14.8	0.0	44.4

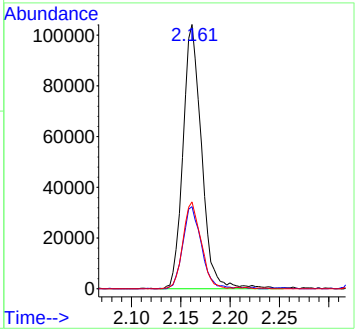


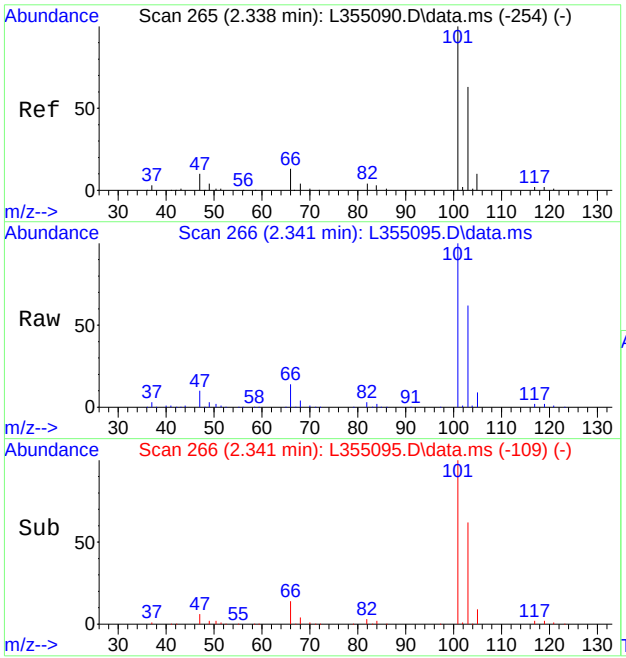


#12
chloroethane
Concen: 57.21 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 64 Resp: 137103

Ion	Ratio	Lower	Upper
64	100		
66	30.8	1.3	61.3
49	32.9	0.0	58.9

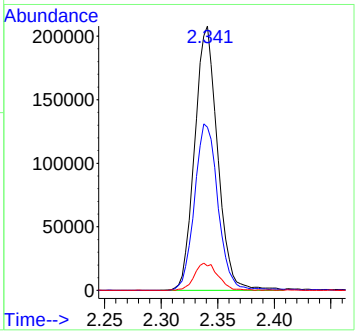


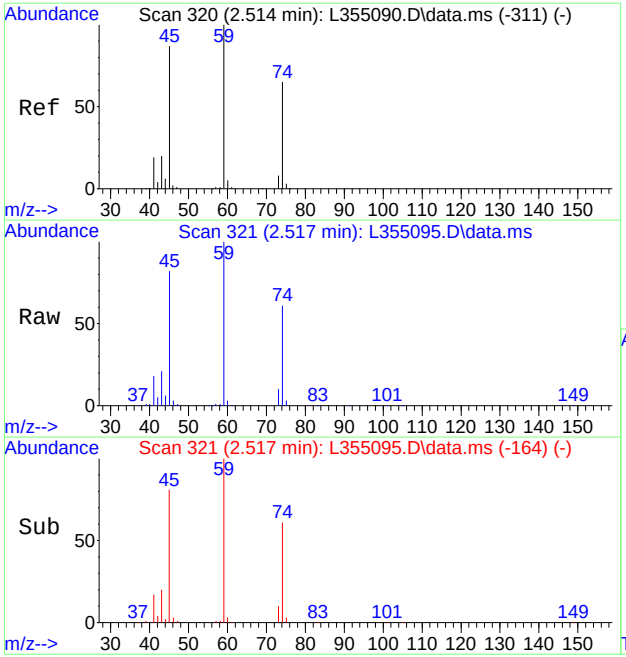


#13
trichlorofluoromethane
Concen: 59.57 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:101 Resp: 292984

Ion	Ratio	Lower	Upper
101	100		
103	61.7	32.9	92.9
105	9.2	0.0	40.4

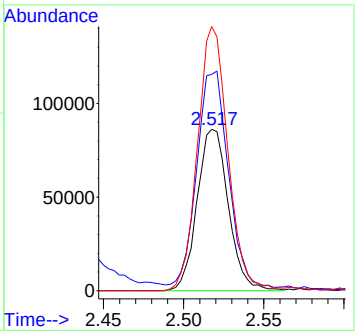


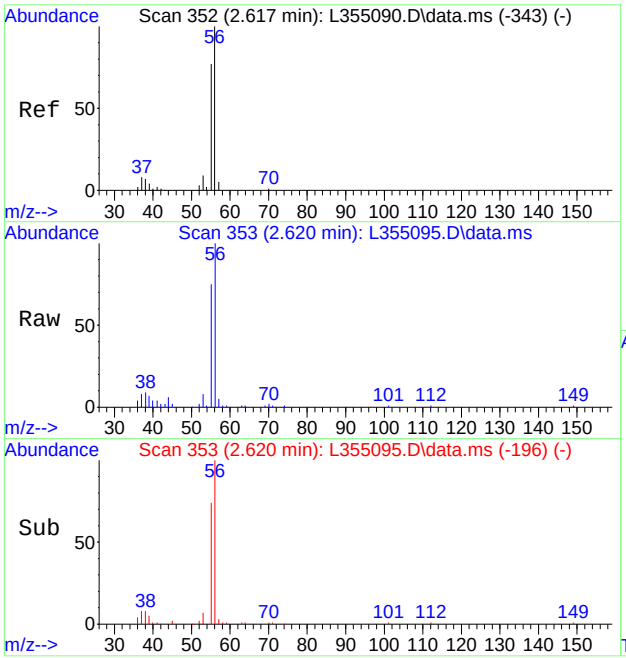


#14
ethyl ether
Concen: 54.01 ug/L
RT: 2.517 min Scan# 321
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 74 Resp: 117055

Ion	Ratio	Lower	Upper
74	100		
45	131.4	108.0	168.0
59	163.7	124.3	184.3

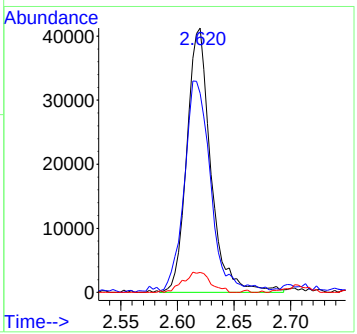


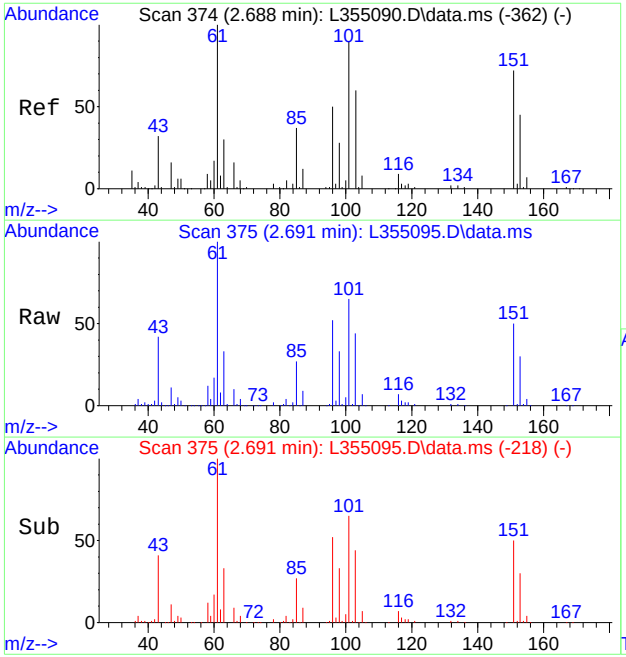


#15
acrolein
Concen: 56.60 ug/L
RT: 2.620 min Scan# 353
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 56 Resp: 60946

Ion	Ratio	Lower	Upper
56	100		
55	74.5	48.6	108.6
53	6.9	0.0	38.7

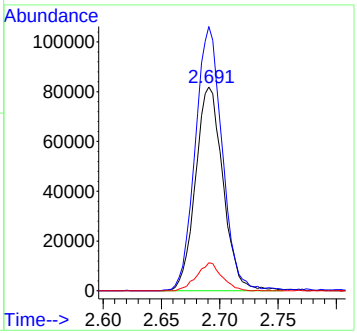


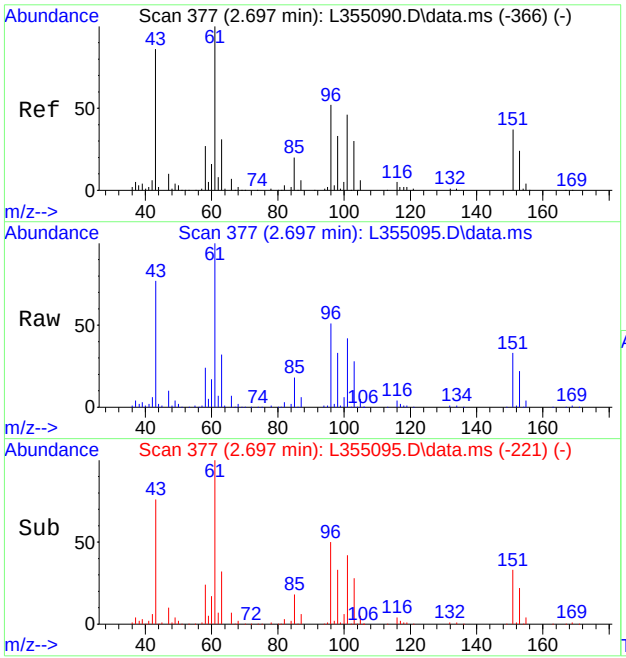


#16
freon 113
Concen: 51.07 ug/L
RT: 2.691 min Scan# 375
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:151 Resp: 134554

Ion	Ratio	Lower	Upper
151	100		
101	129.7	105.0	145.0
116	13.7	0.0	31.9

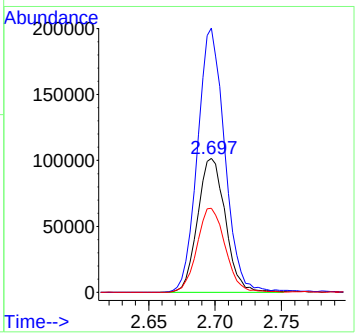


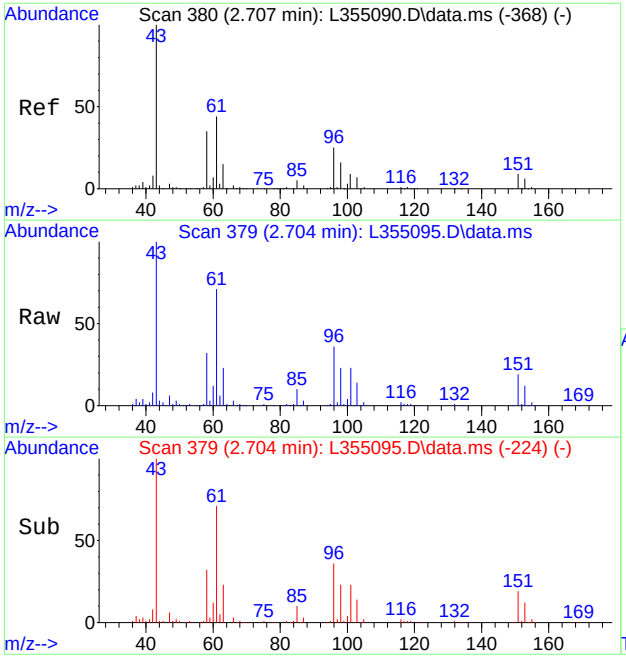


#17
1,1-dichloroethene
Concen: 58.31 ug/L
RT: 2.697 min Scan# 377
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 96 Resp: 148526

Ion	Ratio	Lower	Upper
96	100		
61	197.5	160.9	220.9
63	62.9	29.9	89.9

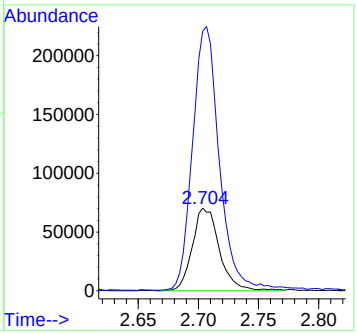


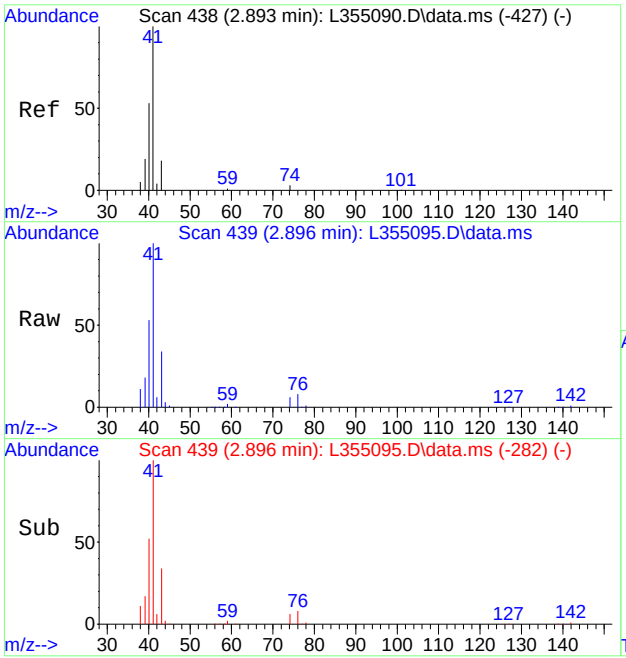


#18
acetone
Concen: 199.72 ug/L
RT: 2.704 min Scan# 379
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 58 Resp: 110308

Ion	Ratio	Lower	Upper
58	100		
43	313.3	253.7	313.7

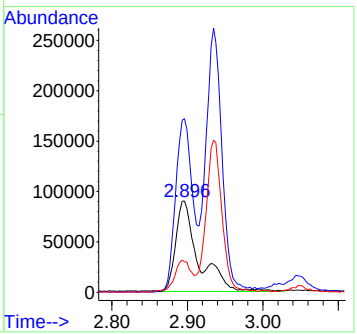


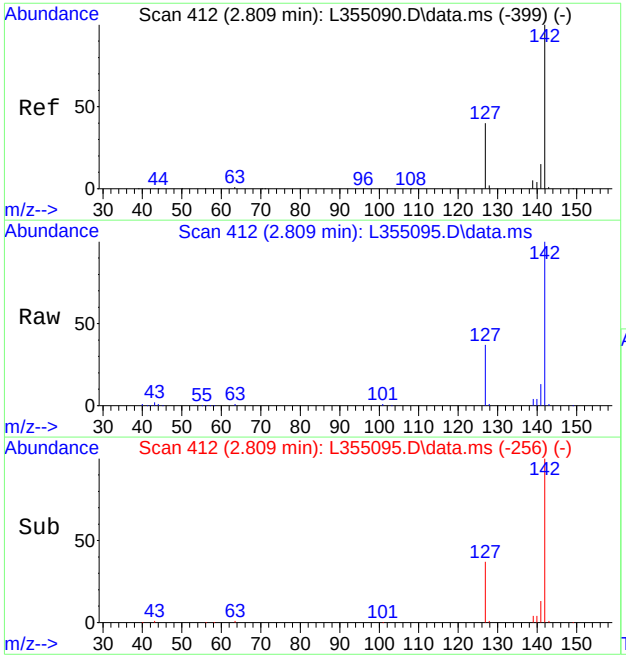


#19
acetonitrile
Concen: 589.36 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 40 Resp: 188608

Ion	Ratio	Lower	Upper
40	100		
41	191.7	156.9	216.9
39	31.8	5.5	65.5

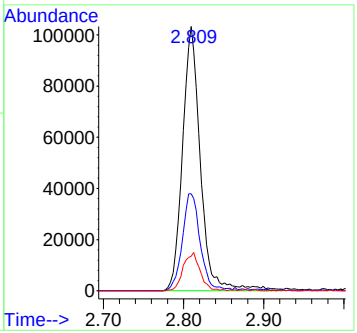


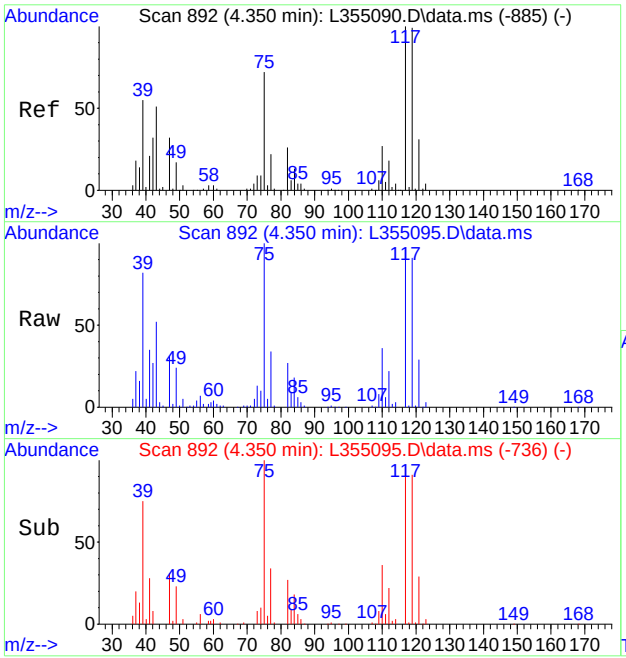


#20
iodomethane
Concen: 58.33 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:142 Resp: 160656

Ion	Ratio	Lower	Upper
142	100		
127	36.7	9.8	69.8
141	13.0	0.0	45.4

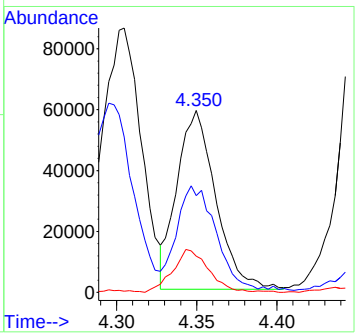


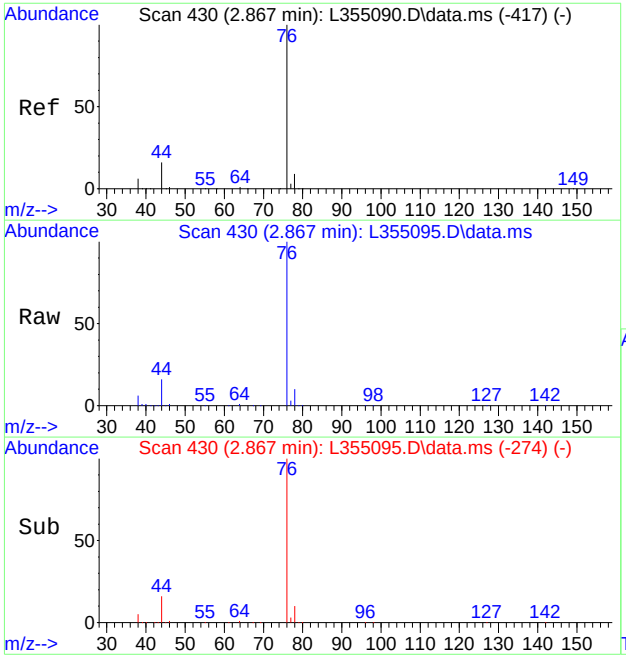


#21
iso-butyl alcohol
Concen: 481.02 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 43 Resp: 99016

Ion	Ratio	Lower	Upper
43	100		
42	52.4	26.5	86.5
74	20.5	0.0	48.2

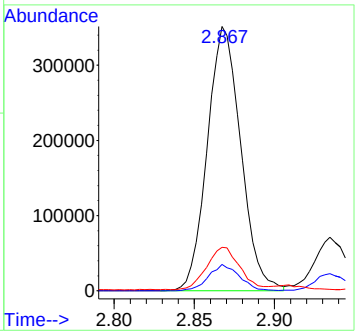


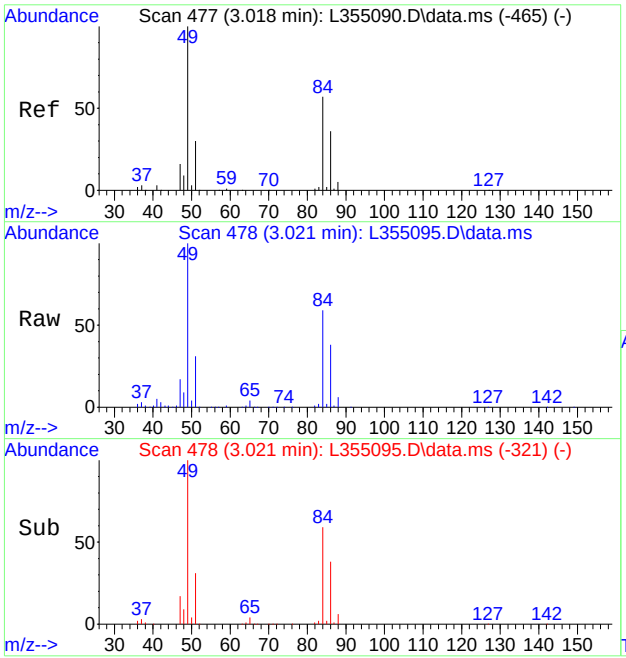


#22
carbon disulfide
Concen: 47.88 ug/L
RT: 2.867 min Scan# 430
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 76 Resp: 511343

Ion	Ratio	Lower	Upper
76	100		
78	9.9	0.0	39.1
44	15.9	0.0	45.8

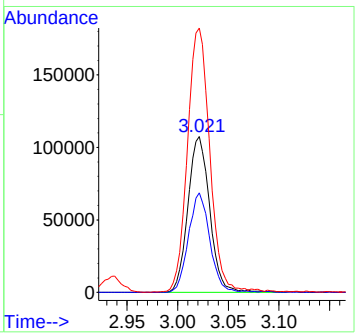


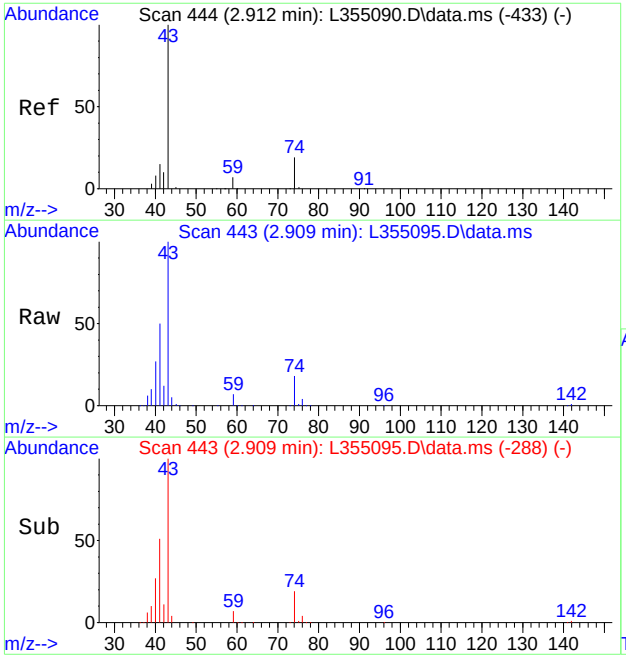


#23
methylene chloride
Concen: 51.49 ug/L
RT: 3.021 min Scan# 478
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 84 Resp: 161780

Ion	Ratio	Lower	Upper
84	100		
86	64.0	33.9	93.9
49	169.2	146.7	206.7

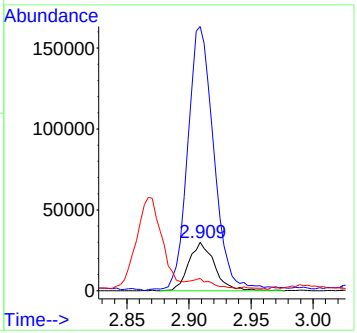


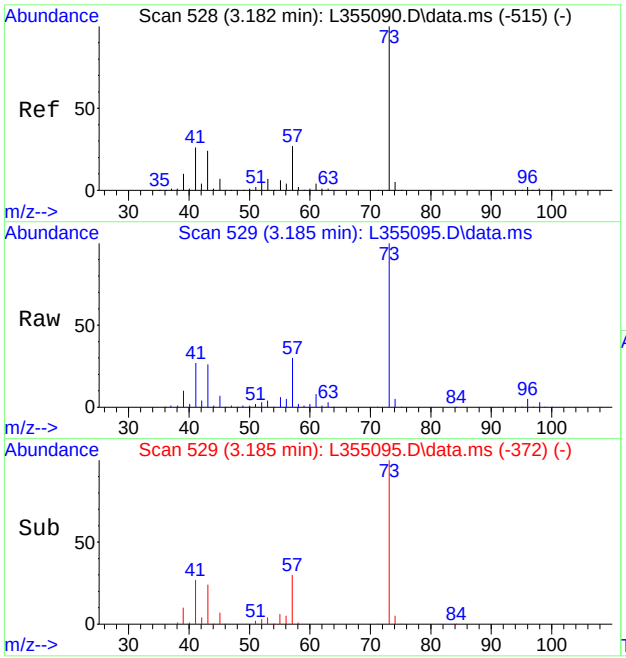


#24
methyl acetate
Concen: 55.49 ug/L
RT: 2.909 min Scan# 443
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 74 Resp: 43484

Ion	Ratio	Lower	Upper
74	100		
43	541.2	495.9	555.9
44	19.1	0.0	47.9

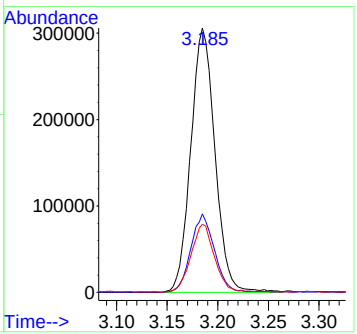


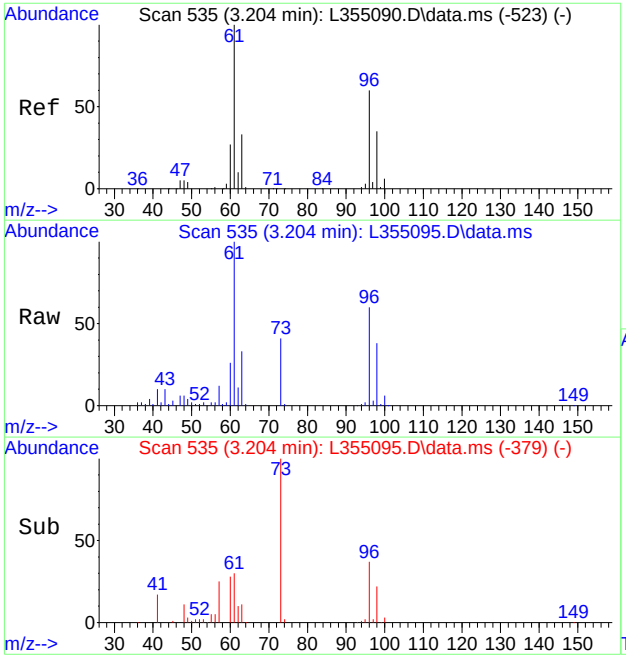


#25
methyl tert butyl ether
Concen: 49.98 ug/L
RT: 3.185 min Scan# 529
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 73 Resp: 508893

Ion	Ratio	Lower	Upper
73	100		
57	29.7	0.0	57.4
43	25.6	0.0	54.2

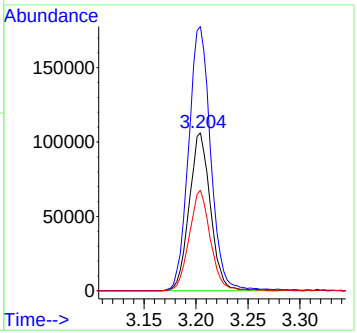


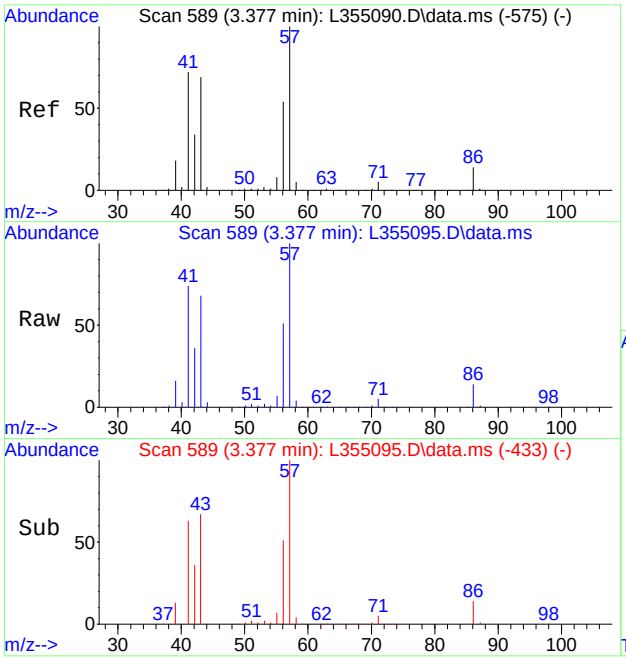


#26
trans-1,2-dichloroethene
Concen: 51.67 ug/L
RT: 3.204 min Scan# 535
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 96 Resp: 151668

Ion	Ratio	Lower	Upper
96	100		
61	167.2	136.4	196.4
98	63.7	28.2	88.2

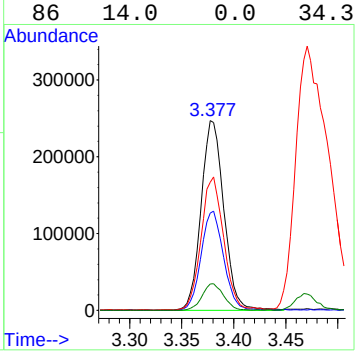


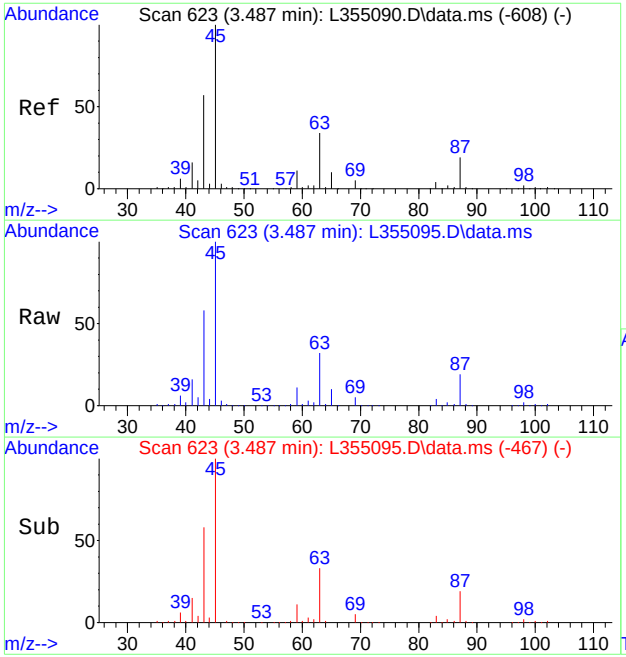


#27
hexane
Concen: 49.58 ug/L
RT: 3.377 min Scan# 589
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 57 Resp: 377406

Ion	Ratio	Lower	Upper
57	100		
56	51.2	33.8	73.8
43	67.3	49.1	89.1
86	14.0	0.0	34.3

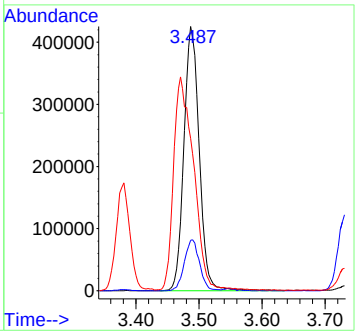


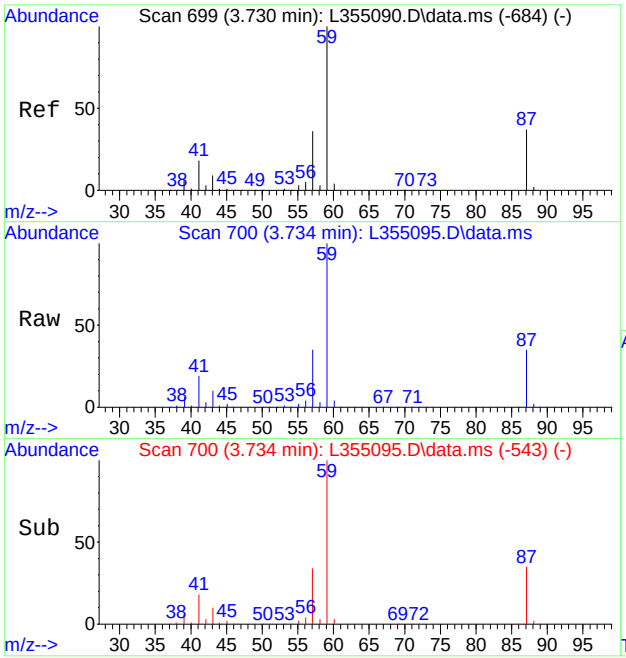


#28
di-isopropyl ether
Concen: 47.10 ug/L
RT: 3.487 min Scan# 623
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 45 Resp: 719071

Ion	Ratio	Lower	Upper
45	100		
87	19.1	0.0	49.3
43	57.4	27.4	87.4

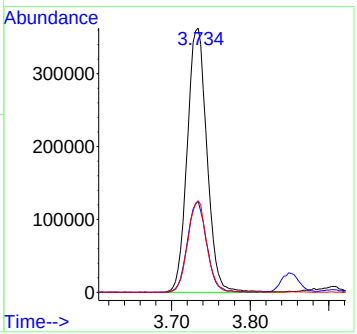


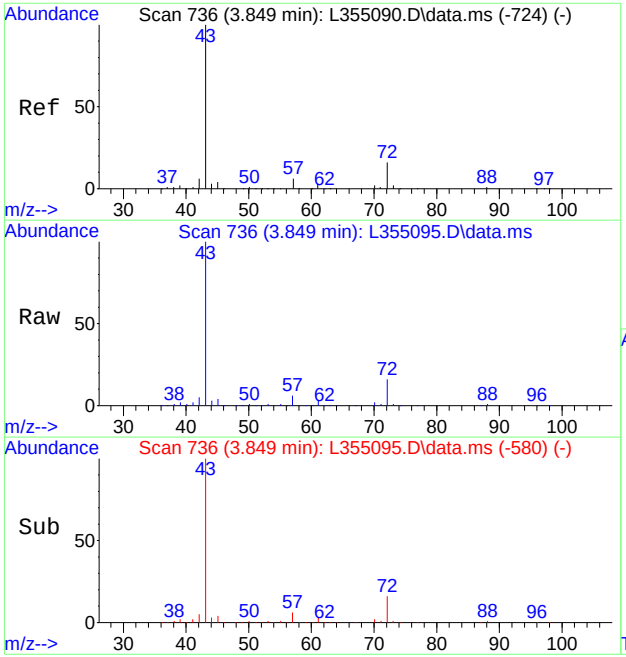


#29
ethyl tert-butyl ether
Concen: 49.12 ug/L
RT: 3.734 min Scan# 700
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 59 Resp: 632292

Ion	Ratio	Lower	Upper
59	100		
57	34.4	5.9	65.9
87	34.6	6.7	66.7

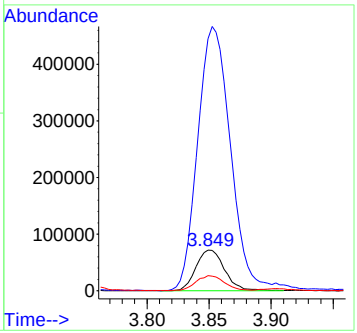


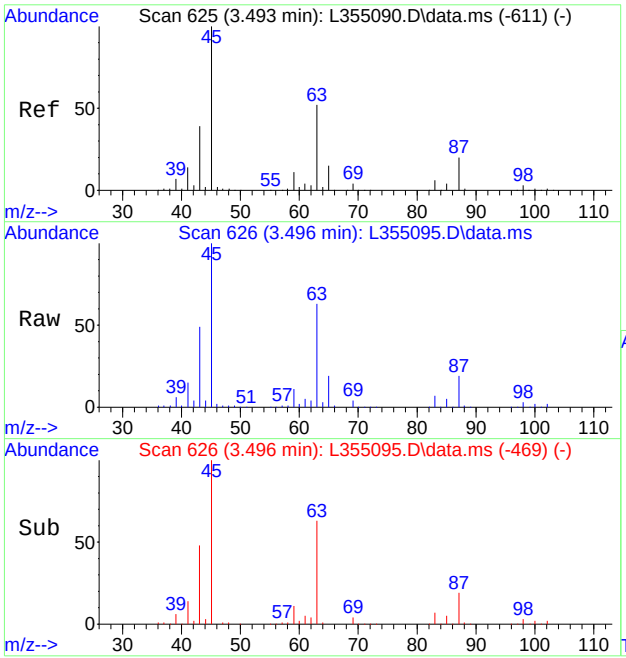


#30
2-butanone
Concen: 211.68 ug/L
RT: 3.849 min Scan# 736
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 72 Resp: 115864

Ion	Ratio	Lower	Upper
72	100		
43	617.6	604.7	664.7
57	36.4	10.0	70.0

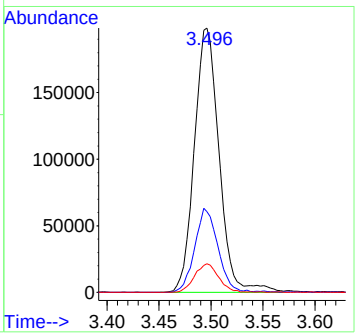


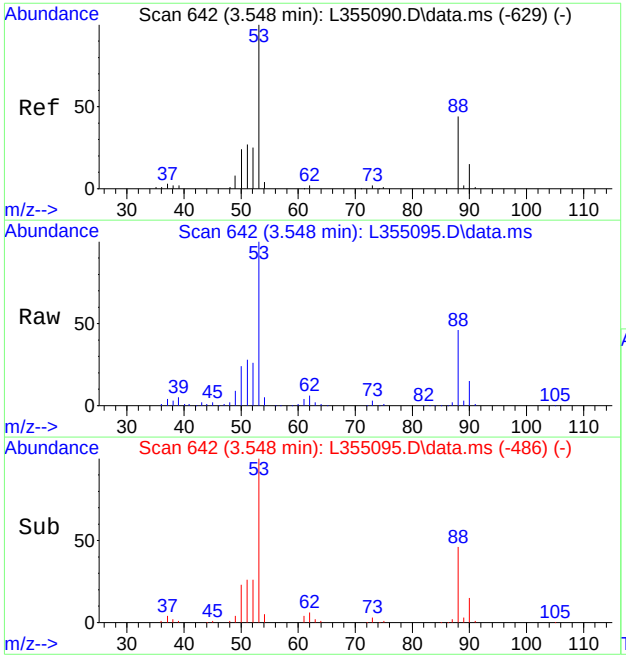


#31
1,1-dichloroethane
Concen: 49.98 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 63 Resp: 329690

Ion	Ratio	Lower	Upper
63	100		
65	30.6	0.0	59.0
83	10.8	0.0	41.4

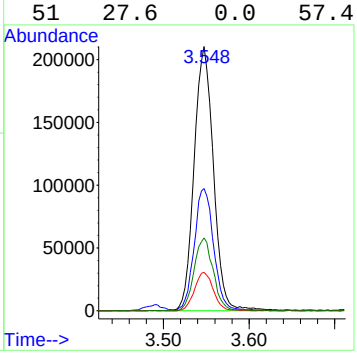


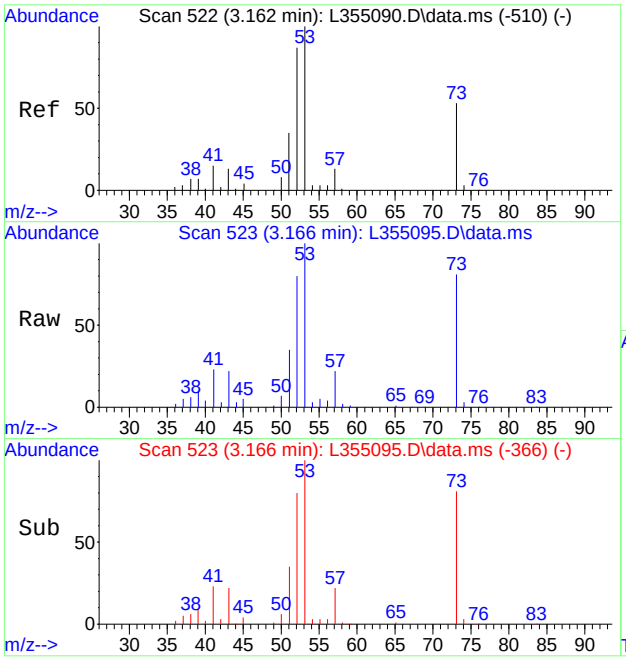


#32
chloroprene
Concen: 48.61 ug/L
RT: 3.548 min Scan# 642
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 53 Resp: 331634

Ion	Ratio	Lower	Upper
53	100		
88	46.2	14.5	74.5
90	14.5	0.0	45.2
51	27.6	0.0	57.4

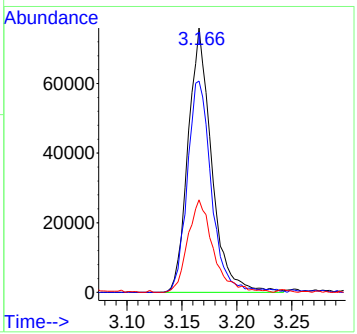


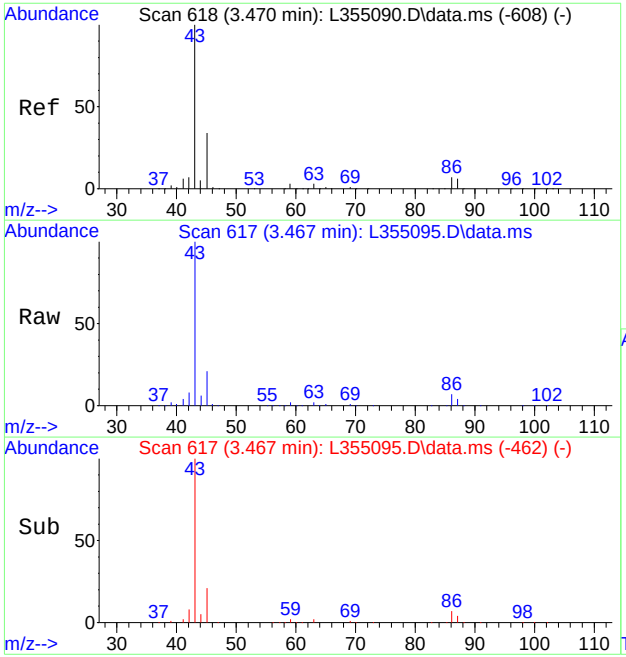


#33
acrylonitrile
Concen: 50.68 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 53 Resp: 113429

Ion	Ratio	Lower	Upper
53	100		
52	79.9	57.3	117.3
51	35.0	5.3	65.3

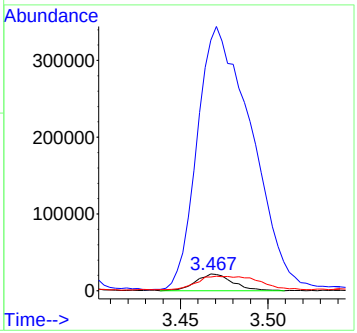


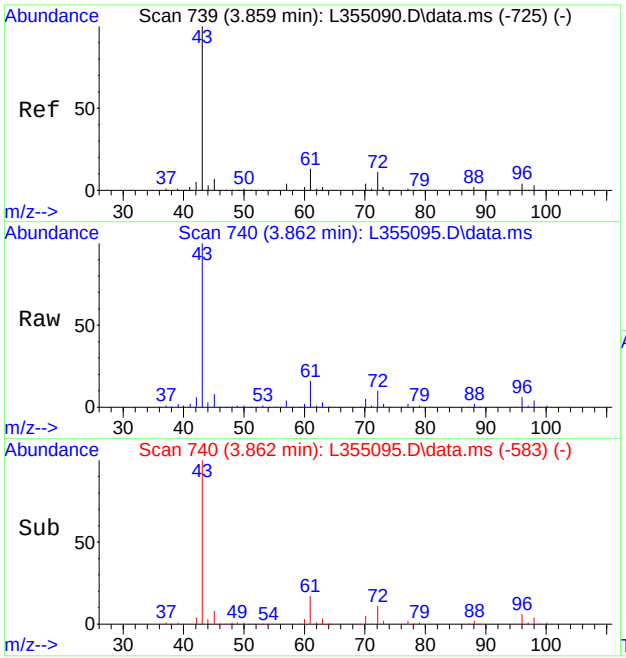


#34
vinyl acetate
Concen: 43.46 ug/L
RT: 3.467 min Scan# 617
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 86 Resp: 32472

Ion	Ratio	Lower	Upper
86	100		
43	1466.7	1461.6	1521.6
44	75.7	45.2	105.2

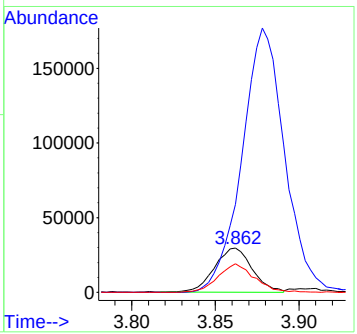


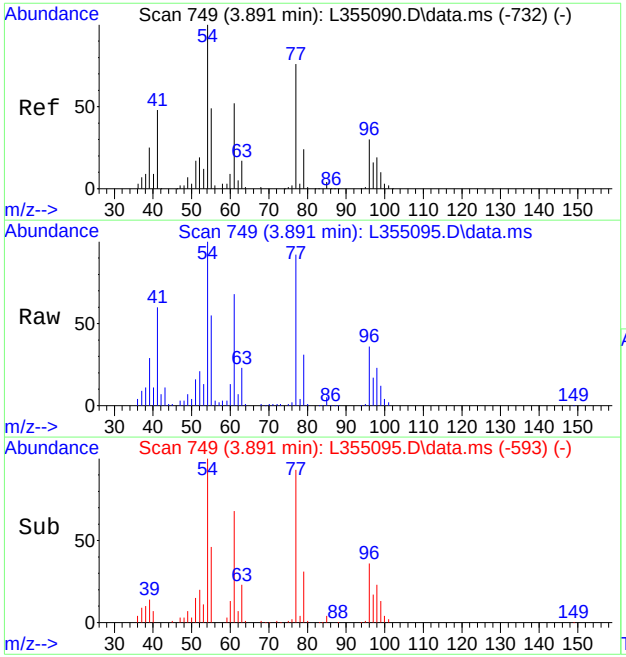


#35
ethyl acetate
Concen: 48.58 ug/L
RT: 3.862 min Scan# 740
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 45 Resp: 46383

Ion	Ratio	Lower	Upper
45	100		
61	199.5	146.7	206.7
70	64.9	27.4	87.4

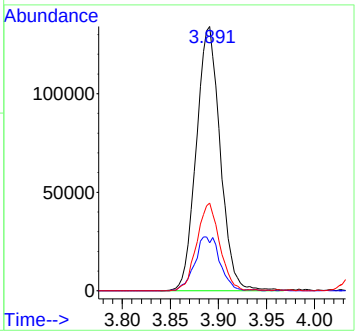


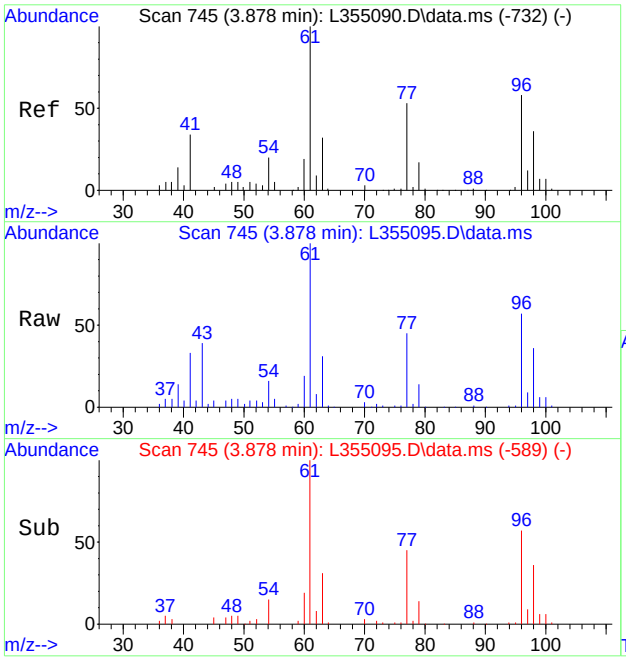


#36
2,2-dichloropropane
Concen: 47.64 ug/L
RT: 3.891 min Scan# 749
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 77 Resp: 232343

Ion	Ratio	Lower	Upper
77	100		
97	18.2	0.0	51.0
79	33.2	1.4	61.4

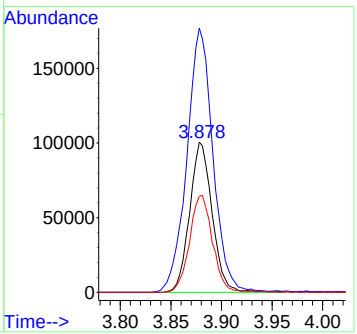


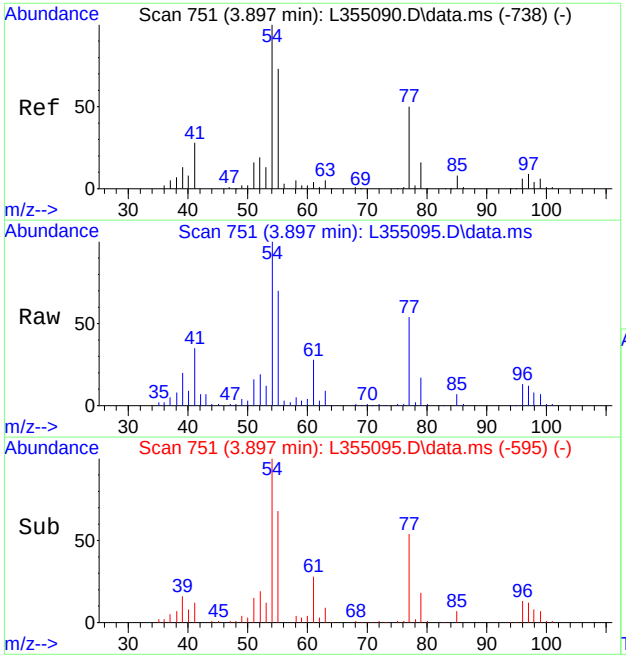


#37
cis-1,2-dichloroethene
Concen: 49.38 ug/L
RT: 3.878 min Scan# 745
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 96 Resp: 155945

Ion	Ratio	Lower	Upper
96	100		
61	175.3	141.8	201.8
98	64.1	32.2	92.2

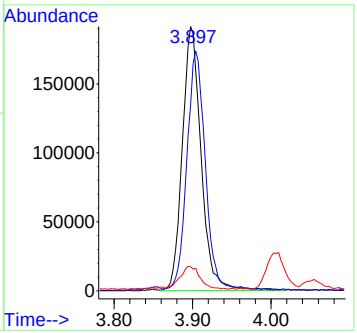


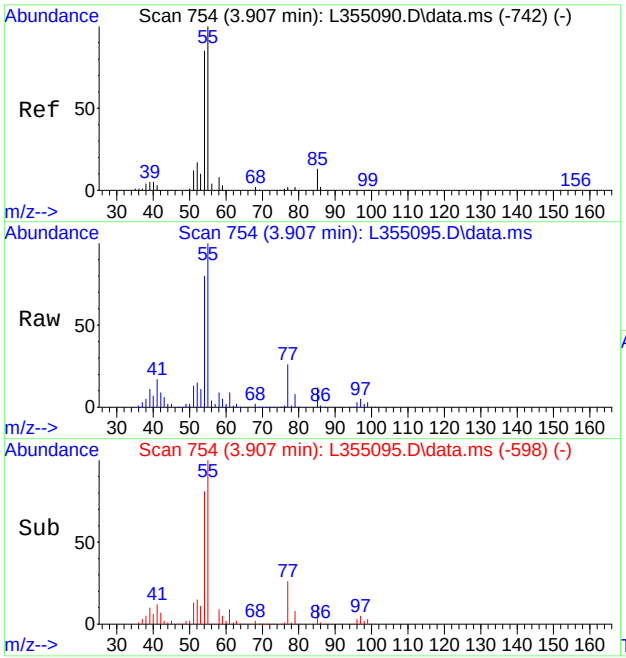


#38
propionitrile
Concen: 444.95 ug/L
RT: 3.897 min Scan# 751
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 54 Resp: 320483

Ion	Ratio	Lower	Upper
54	100		
55	69.6	43.2	103.2
40	7.7	0.0	38.0

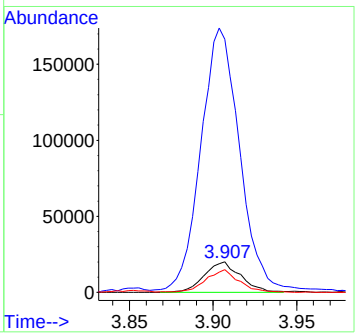


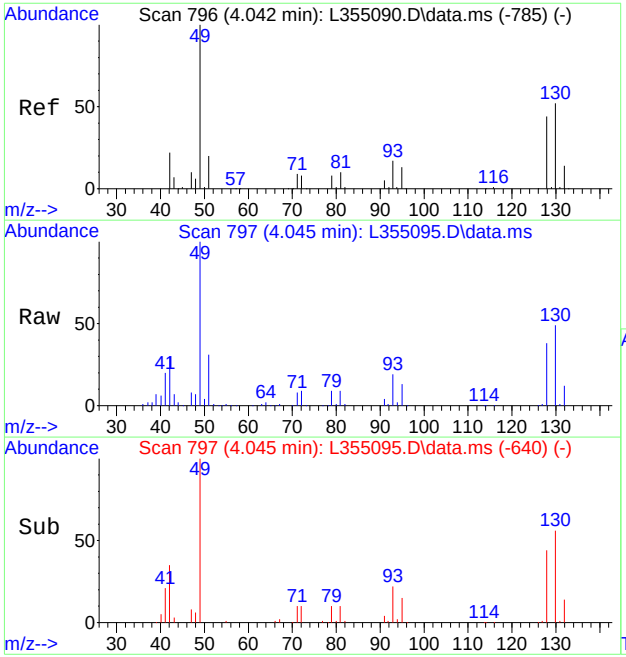


#39
methyl acrylate
Concen: 50.36 ug/L
RT: 3.907 min Scan# 754
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 85 Resp: 30359

Ion	Ratio	Lower	Upper
85	100		
55	815.1	762.7	802.7#
58	72.8	40.5	80.5

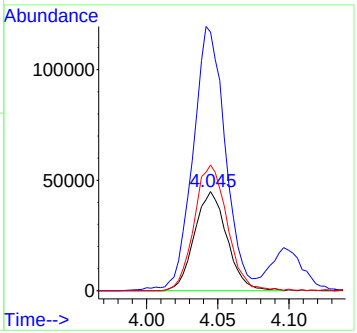


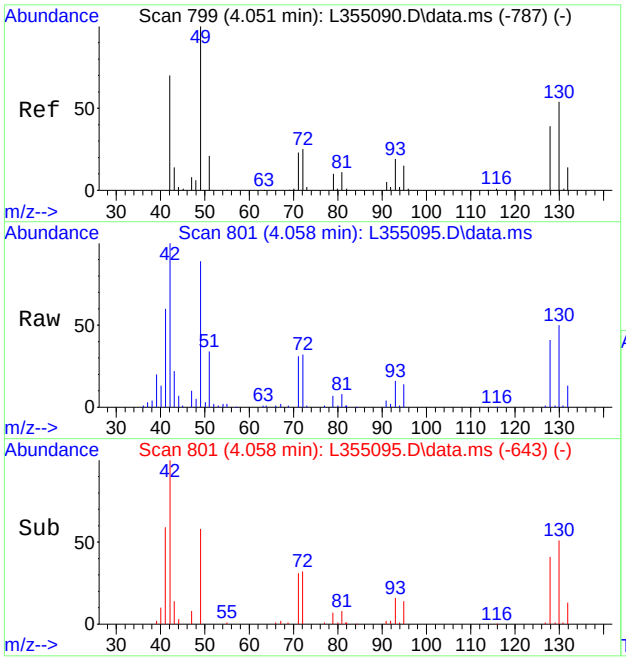


#40
bromochloromethane
Concen: 49.87 ug/L
RT: 4.045 min Scan# 797
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:128 Resp: 71373

Ion	Ratio	Lower	Upper
128	100		
49	257.8	196.9	256.9#
130	126.8	87.7	147.7

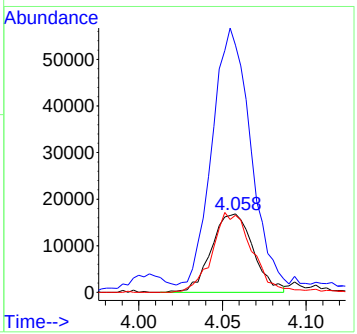


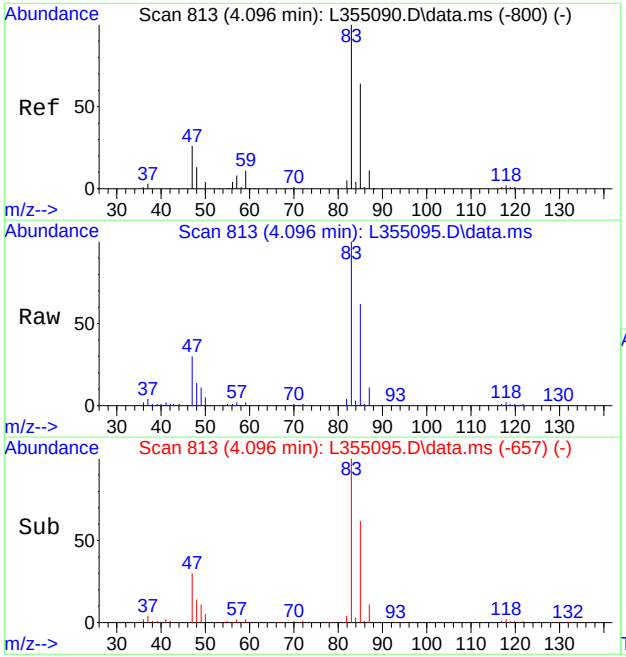


#41
tetrahydrofuran
Concen: 46.37 ug/L
RT: 4.058 min Scan# 801
Delta R.T. 0.007 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 72 Resp: 29407

Ion	Ratio	Lower	Upper
72	100		
42	297.3	246.3	306.3
71	97.9	61.6	121.6

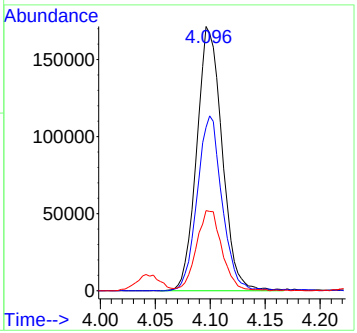


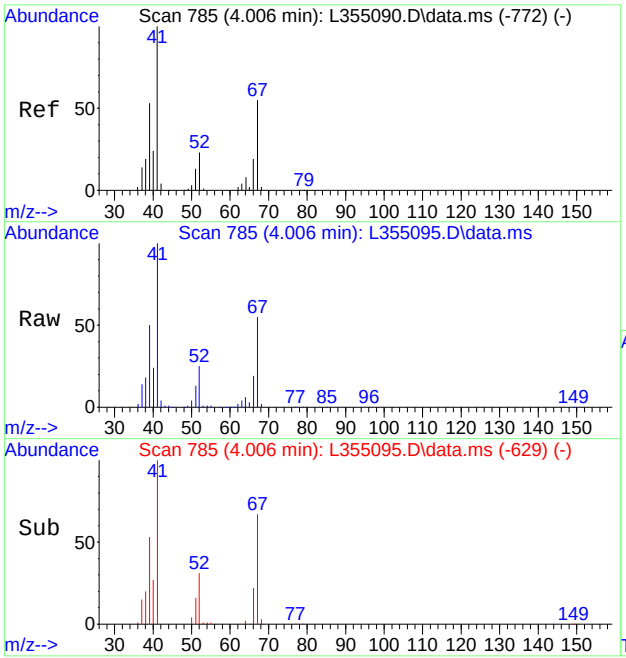


#42
chloroform
Concen: 48.33 ug/L
RT: 4.096 min Scan# 813
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 83 Resp: 275706

Ion	Ratio	Lower	Upper
83	100		
85	61.8	34.3	94.3
47	30.1	0.0	59.3

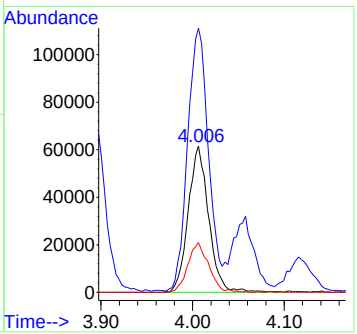


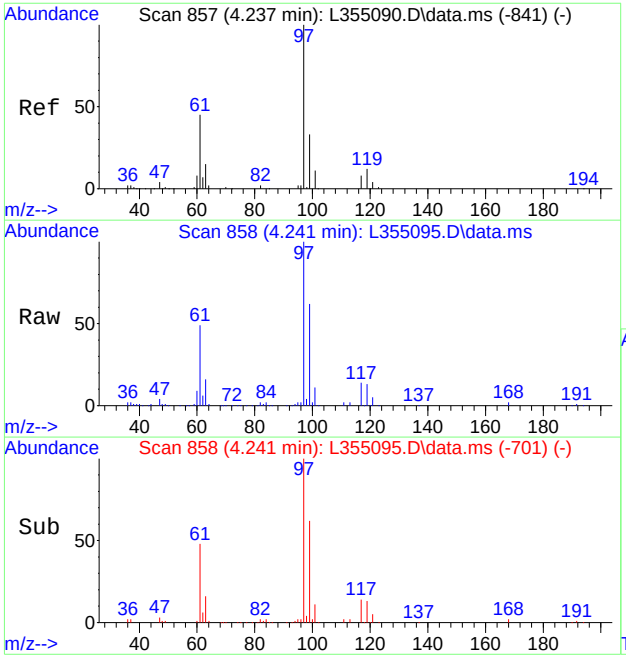


#44
methacrylonitrile
Concen: 51.15 ug/L
RT: 4.006 min Scan# 785
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 67 Resp: 95849

Ion	Ratio	Lower	Upper
67	100		
41	179.3	150.2	210.2
66	34.1	3.6	63.6

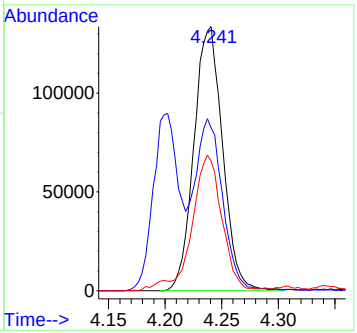


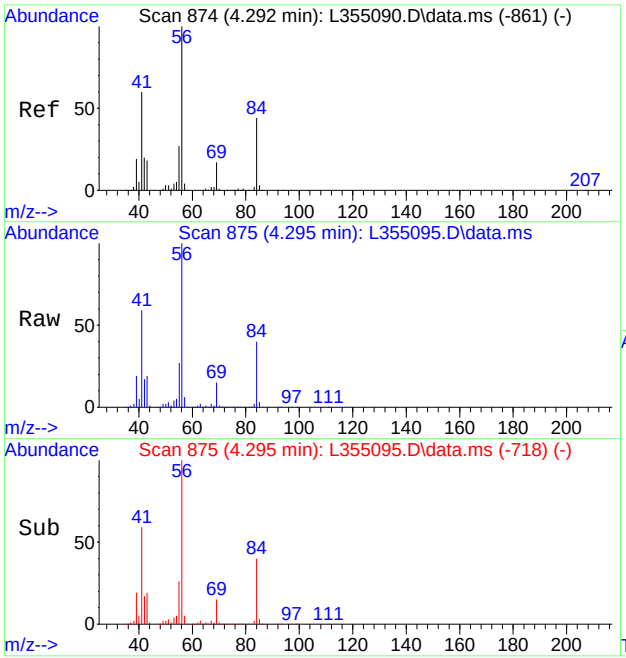


#45
1,1,1-trichloroethane
Concen: 54.09 ug/L
RT: 4.241 min Scan# 858
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 97 Resp: 235293

Ion	Ratio	Lower	Upper
97	100		
99	61.3	33.3	93.3
61	47.4	14.9	74.9

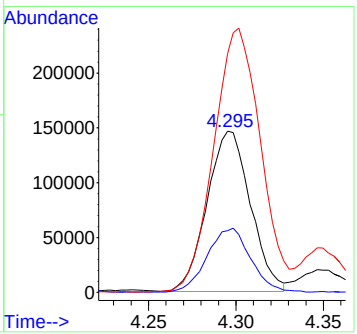


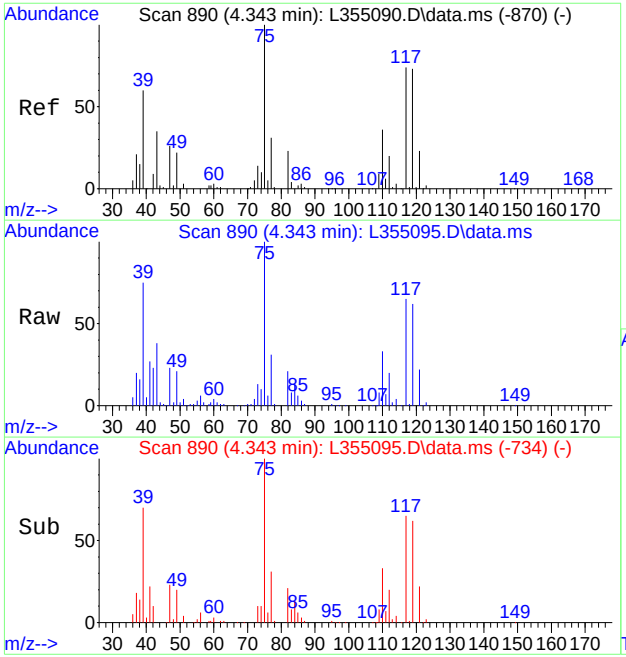


#46
cyclohexane
Concen: 53.05 ug/L
RT: 4.295 min Scan# 875
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 84 Resp: 253506

Ion	Ratio	Lower	Upper
84	100		
69	38.2	17.8	57.8
41	148.1	116.7	156.7

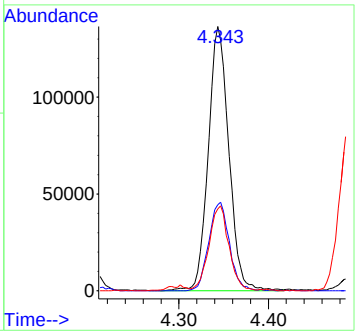


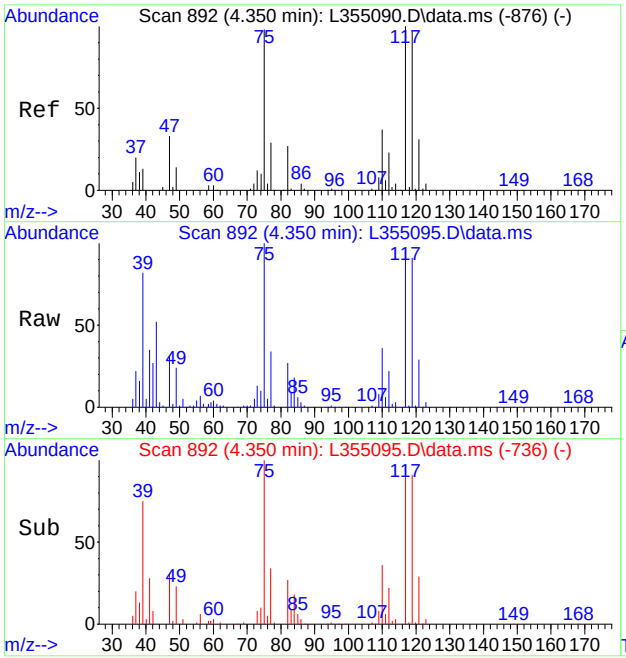


#47
1,1-dichloropropene
Concen: 51.58 ug/L
RT: 4.343 min Scan# 890
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 75 Resp: 218378

Ion	Ratio	Lower	Upper
75	100		
110	32.6	15.8	55.8
77	30.9	11.6	51.6

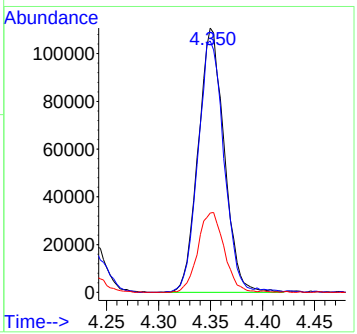


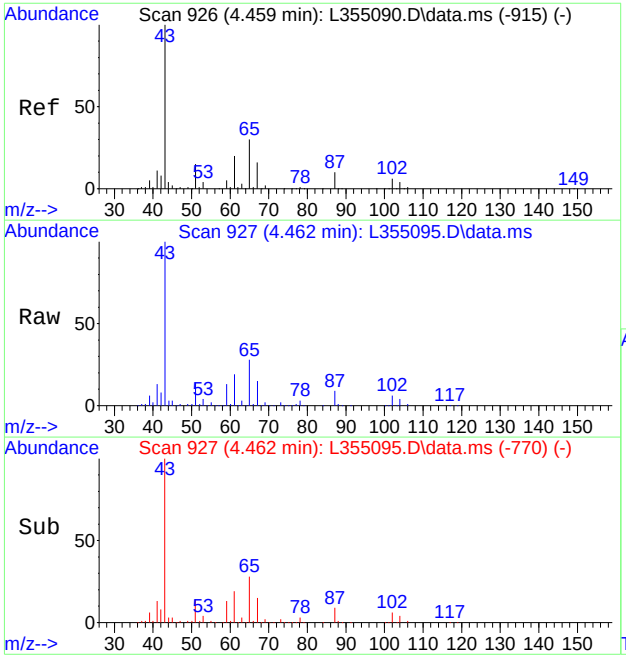


#48
carbon tetrachloride
Concen: 50.17 ug/L
RT: 4.350 min Scan# 892
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:117 Resp: 192775

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.1	117.1
121	30.0	11.1	51.1

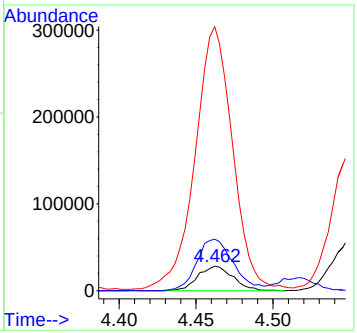


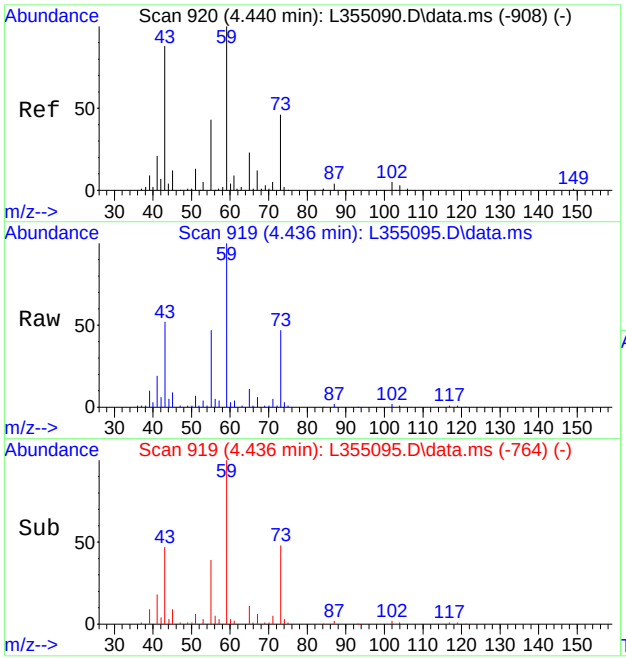


#49
isopropyl acetate
Concen: 50.97 ug/L
RT: 4.462 min Scan# 927
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 87 Resp: 45245

Ion	Ratio	Lower	Upper
87	100		
61	207.4	185.6	225.6
43	1049.2	1029.1	1089.1

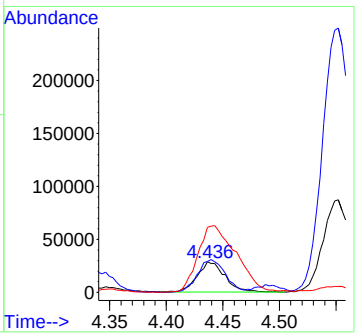


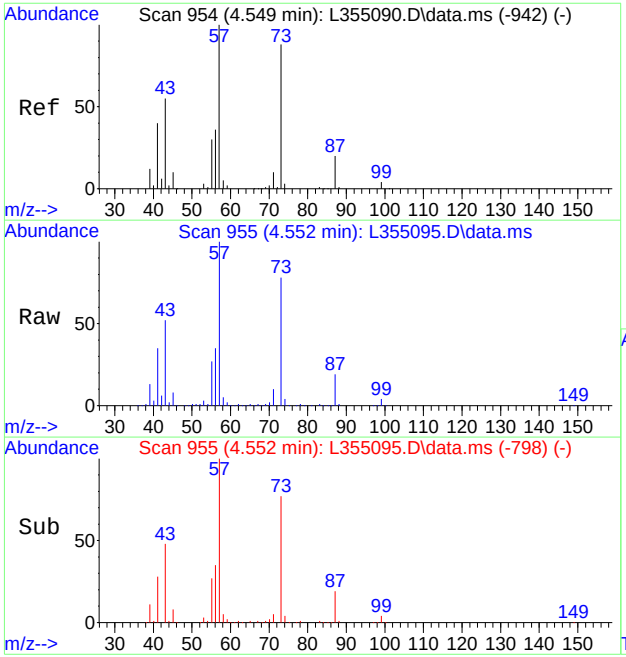


#50
tert amyl alcohol
Concen: 245.99 ug/L
RT: 4.436 min Scan# 919
Delta R.T. -0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 55 Resp: 47831

Ion	Ratio	Lower	Upper
55	100		
73	101.4	87.0	127.0
59	216.2	211.2	251.2

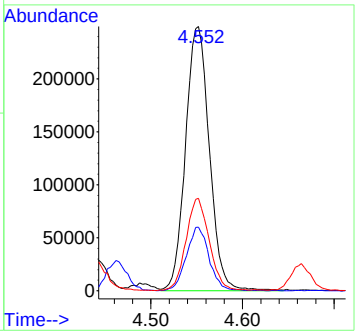


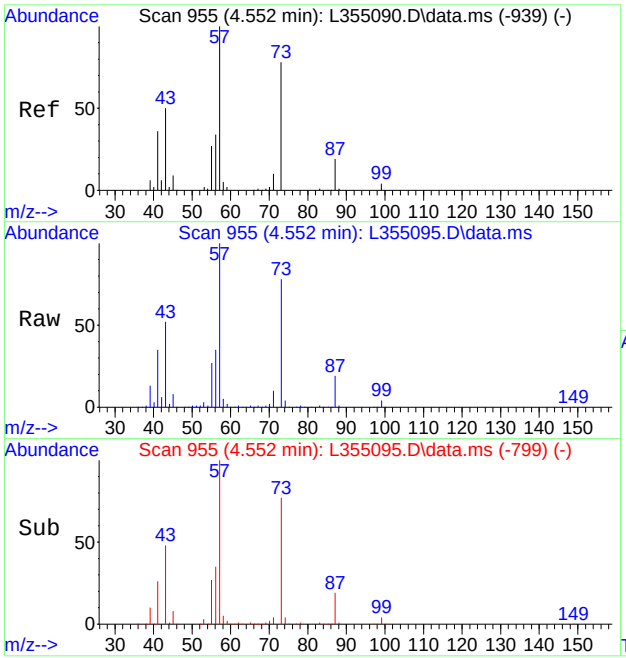


#53
tert-amyl methyl ether
Concen: 44.62 ug/L
RT: 4.552 min Scan# 955
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 73 Resp: 452771

Ion	Ratio	Lower	Upper
73	100		
87	24.1	2.5	42.5
55	34.8	14.1	54.1

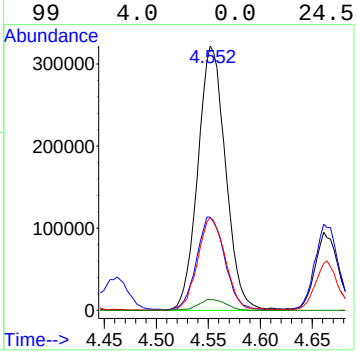


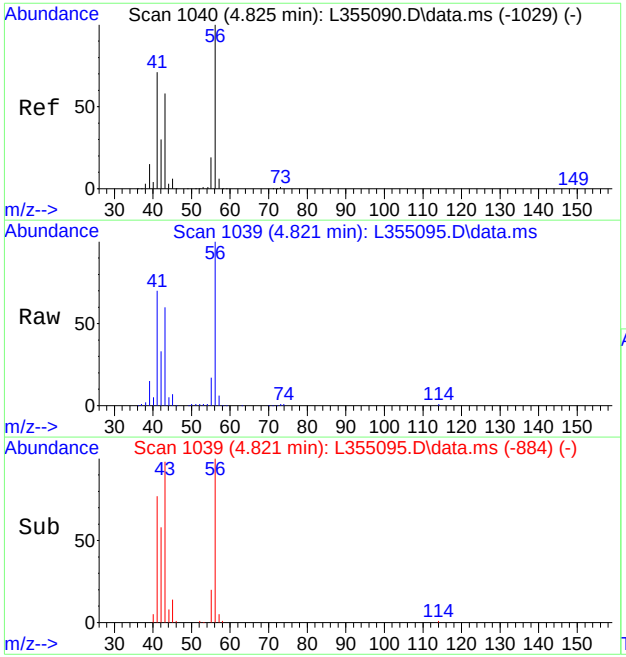


#54
2,2,4-trimethylpentane
Concen: 45.72 ug/L
RT: 4.552 min Scan# 955
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 57 Resp: 597847

Ion	Ratio	Lower	Upper
57	100		
41	34.9	15.5	55.5
56	35.0	14.0	54.0
99	4.0	0.0	24.5

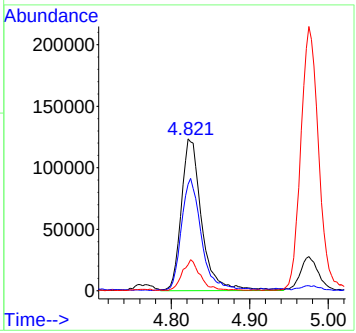


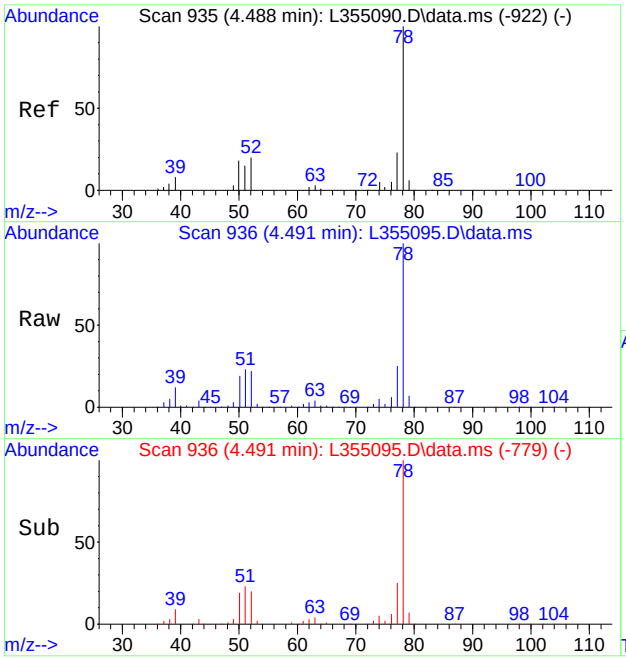


#55
n-butyl alcohol
Concen: 2404.36 ug/L
RT: 4.821 min Scan# 1039
Delta R.T. -0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 56 Resp: 222707

Ion	Ratio	Lower	Upper
56	100		
41	70.0	40.6	100.6
55	16.8	0.0	48.8

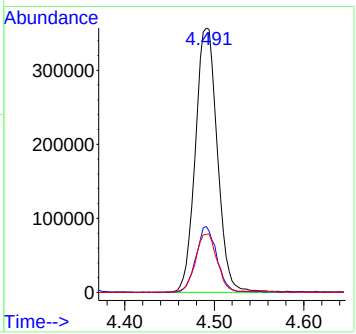


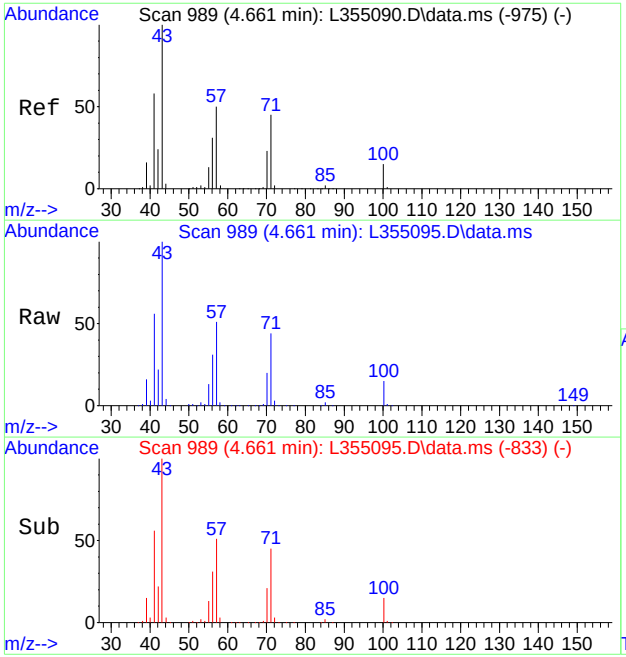


#56
benzene
Concen: 47.83 ug/L
RT: 4.491 min Scan# 936
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 78 Resp: 609725

Ion	Ratio	Lower	Upper
78	100		
77	24.9	0.0	53.0
52	21.9	0.0	50.0

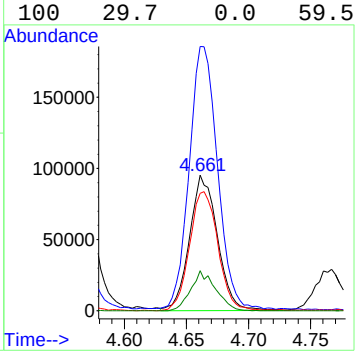


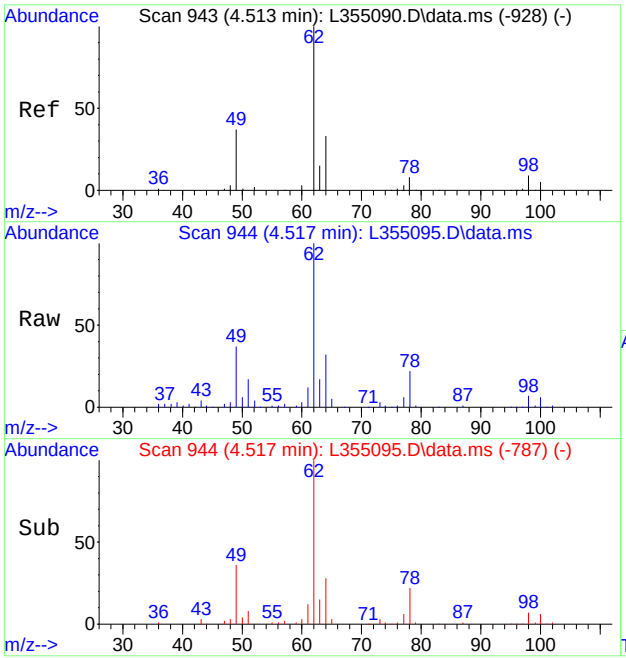


#57
heptane
Concen: 48.46 ug/L
RT: 4.661 min Scan# 989
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 57 Resp: 148834

Ion	Ratio	Lower	Upper
57	100		
43	194.3	170.1	230.1
71	86.8	59.7	119.7
100	29.7	0.0	59.5

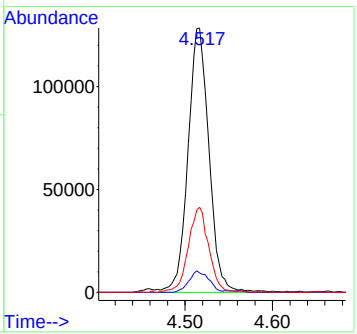


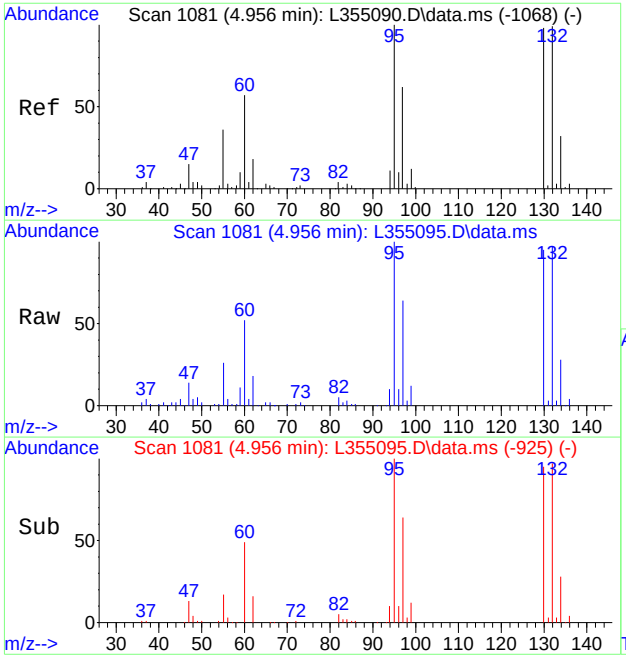


#58
1,2-dichloroethane
Concen: 45.54 ug/L
RT: 4.517 min Scan# 944
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 62 Resp: 214685

Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	39.1
64	32.0	2.9	62.9

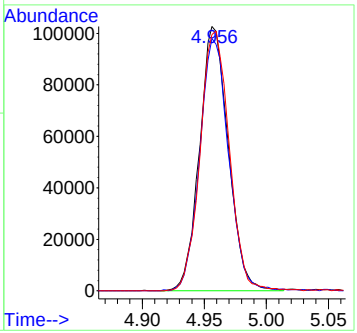


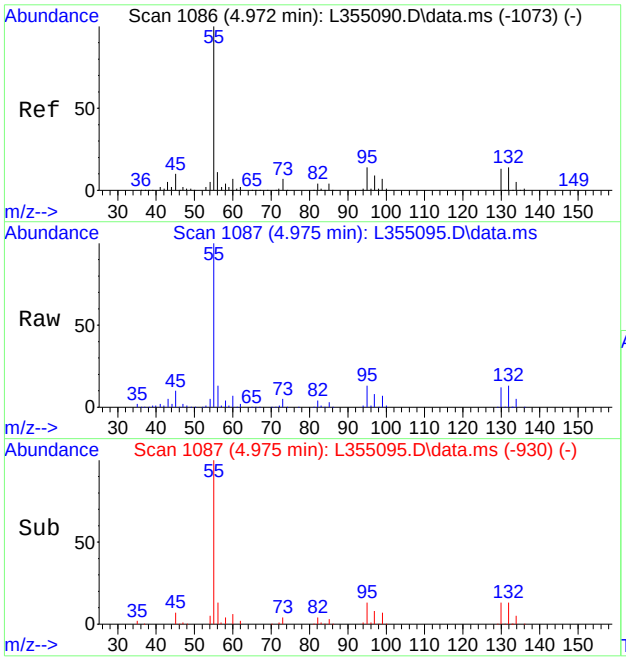


#59
trichloroethene
Concen: 49.21 ug/L
RT: 4.956 min Scan# 1081
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 95 Resp: 165903

Ion	Ratio	Lower	Upper
95	100		
130	95.4	68.4	128.4
132	96.9	68.7	128.7

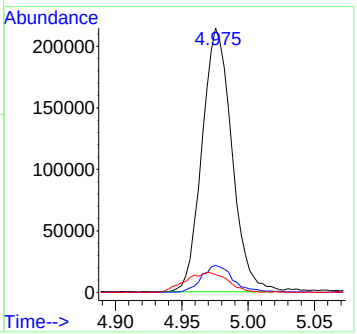


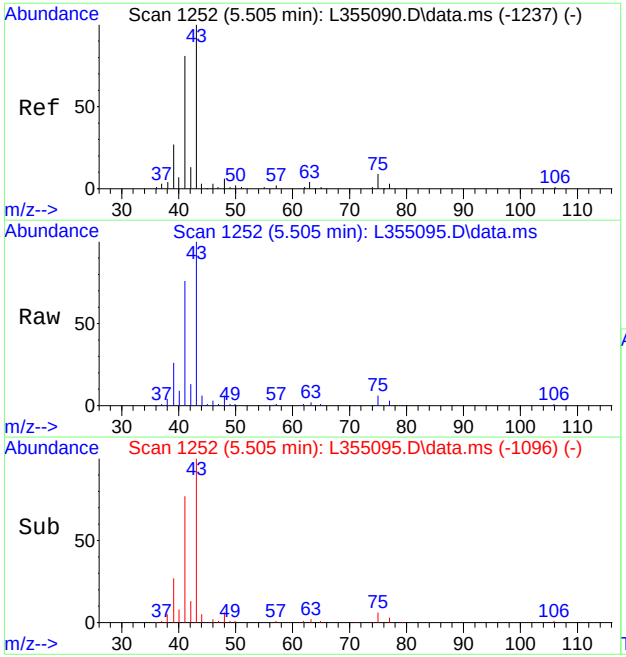


#60
ethyl acrylate
Concen: 48.41 ug/L
RT: 4.975 min Scan# 1087
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 55 Resp: 336202

Ion	Ratio	Lower	Upper
55	100		
45	10.1	0.0	30.3
99	6.6	0.0	27.2

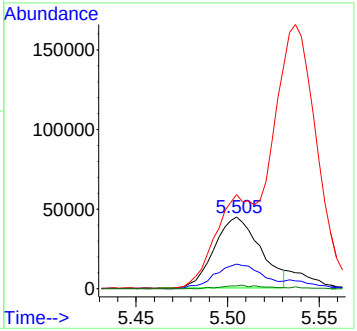


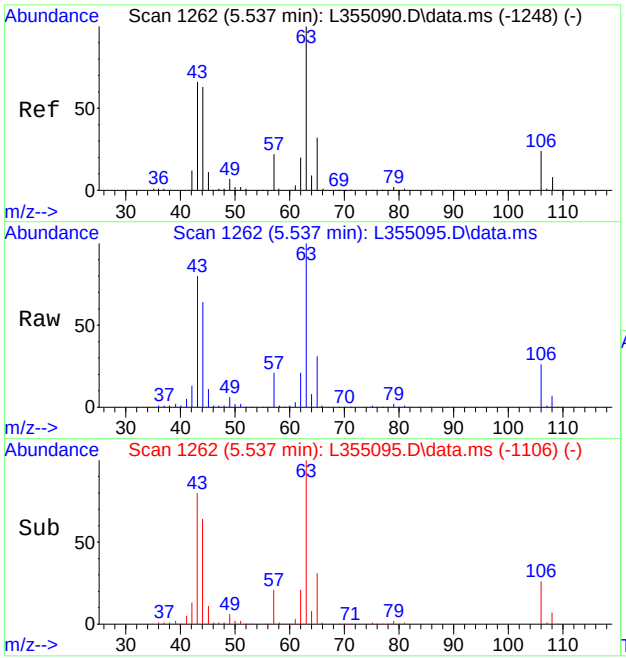


#61
2-nitropropane
Concen: 46.50 ug/L
RT: 5.505 min Scan# 1252
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 41 Resp: 78106

Ion	Ratio	Lower	Upper
41	100		
39	34.5	3.7	63.7
43	132.0	92.8	152.8
46	4.1	0.0	34.0

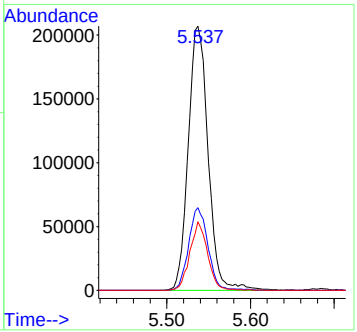


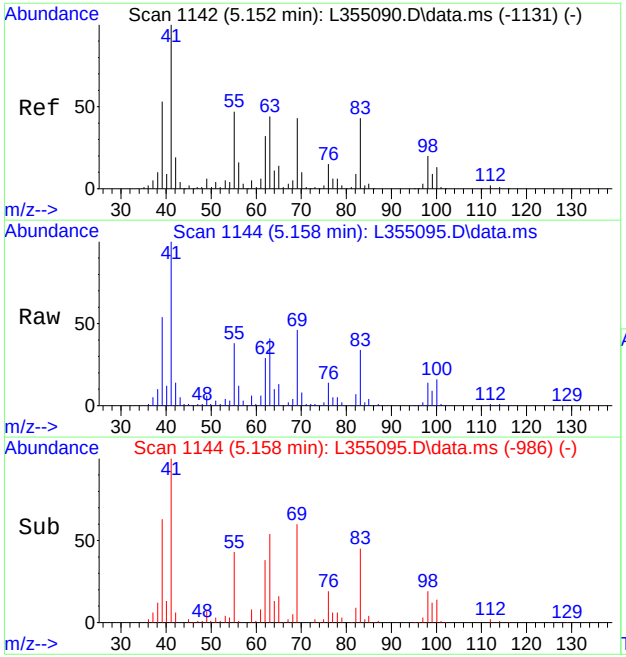


#62
2-chloroethyl vinyl ether
Concen: 211.96 ug/L
RT: 5.537 min Scan# 1262
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 63 Resp: 342838

Ion	Ratio	Lower	Upper
63	100		
65	31.3	2.0	62.0
106	26.0	0.0	53.7

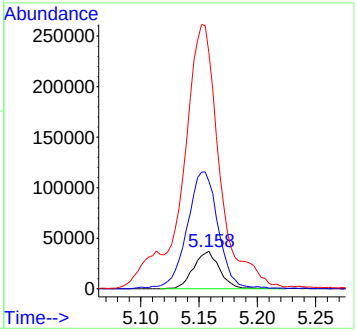


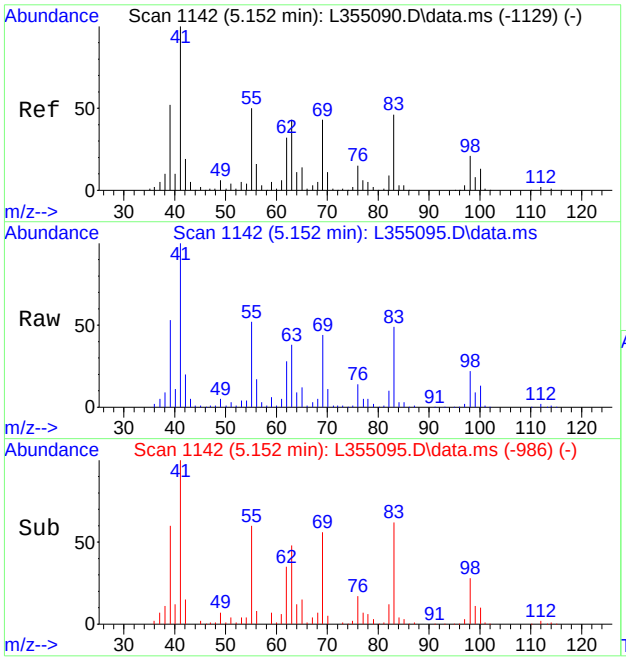


#63
methyl methacrylate
Concen: 56.14 ug/L
RT: 5.158 min Scan# 1144
Delta R.T. 0.006 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:100 Resp: 57920

Ion	Ratio	Lower	Upper
100	100		
69	284.4	303.9	363.9#
41	623.2	748.3	808.3#

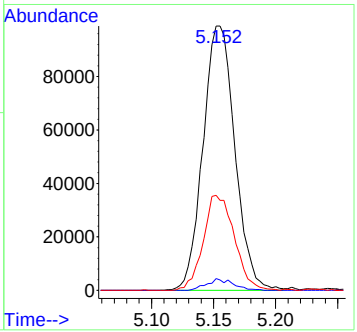


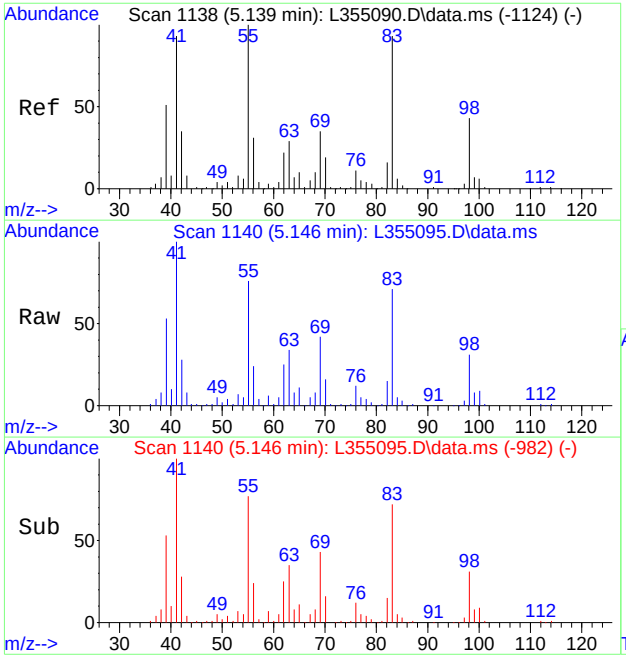


#64
1,2-dichloropropane
Concen: 43.40 ug/L
RT: 5.152 min Scan# 1142
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 63 Resp: 176842

Ion	Ratio	Lower	Upper
63	100		
112	4.5	0.0	33.9
76	35.9	3.9	63.9

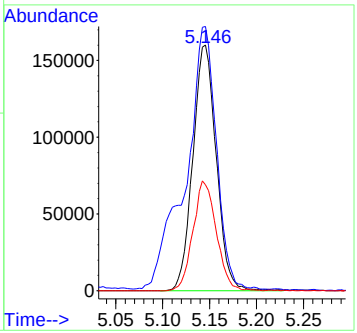


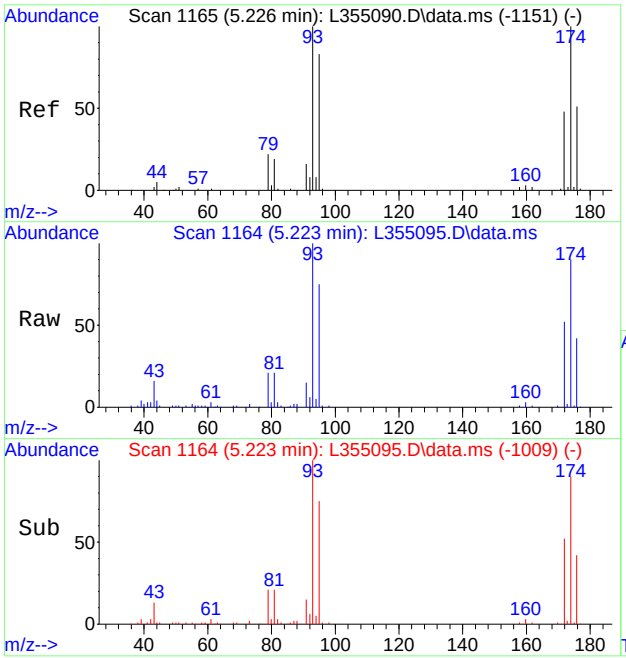


#65
methylcyclohexane
Concen: 45.26 ug/L
RT: 5.146 min Scan# 1140
Delta R.T. 0.007 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 83 Resp: 278217

Ion	Ratio	Lower	Upper
83	100		
55	107.0	77.0	137.0
98	43.1	16.0	76.0

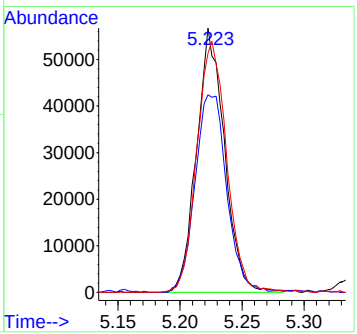


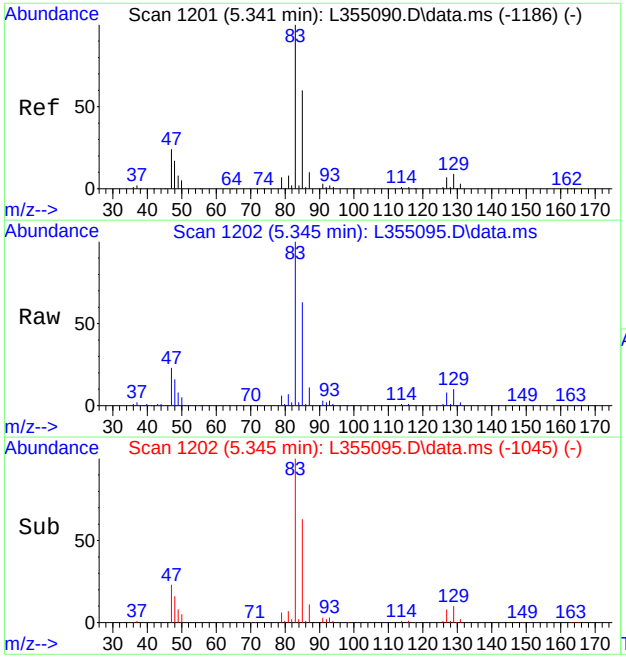


#66
dibromomethane
Concen: 44.68 ug/L
RT: 5.223 min Scan# 1164
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 93 Resp: 88931

Ion	Ratio	Lower	Upper
93	100		
95	74.7	52.7	112.7
174	90.4	70.1	130.1

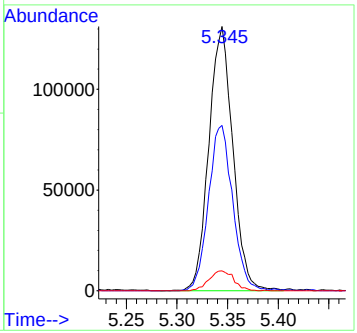


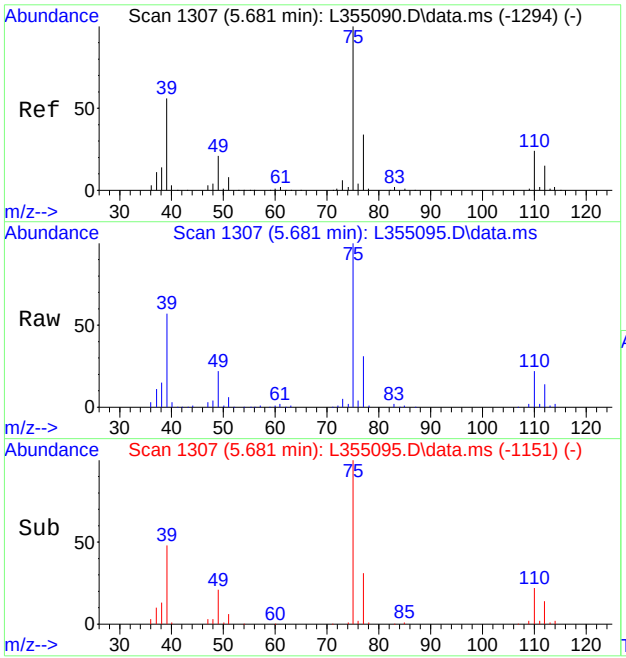


#67
bromodichloromethane
Concen: 45.79 ug/L
RT: 5.345 min Scan# 1202
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 83 Resp: 216426

Ion	Ratio	Lower	Upper
83	100		
85	62.5	30.1	90.1
127	7.5	0.0	37.3

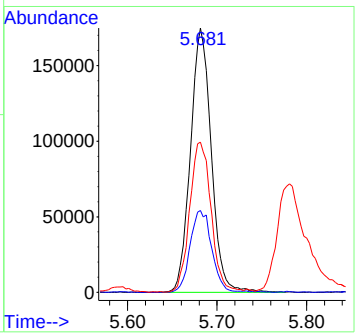


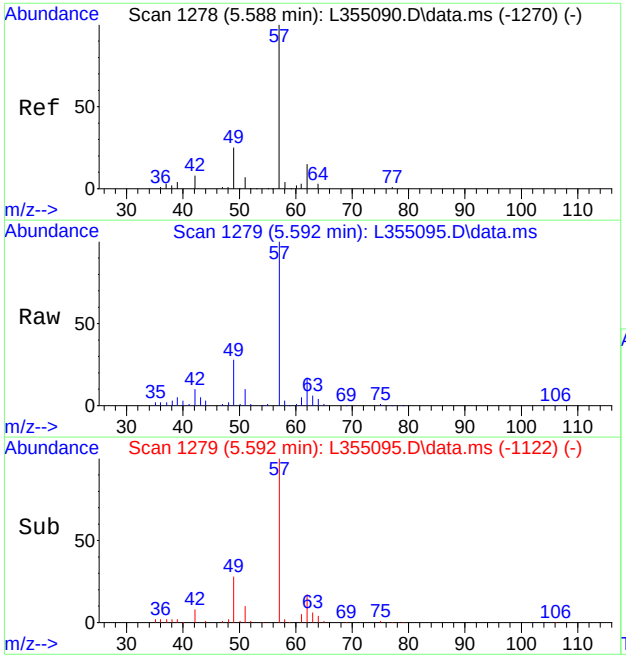


#68
cis-1,3-dichloropropene
Concen: 46.66 ug/L
RT: 5.681 min Scan# 1307
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 75 Resp: 282943

Ion	Ratio	Lower	Upper
75	100		
77	31.0	4.0	64.0
39	56.5	25.8	85.8

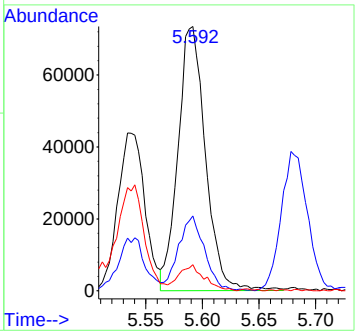


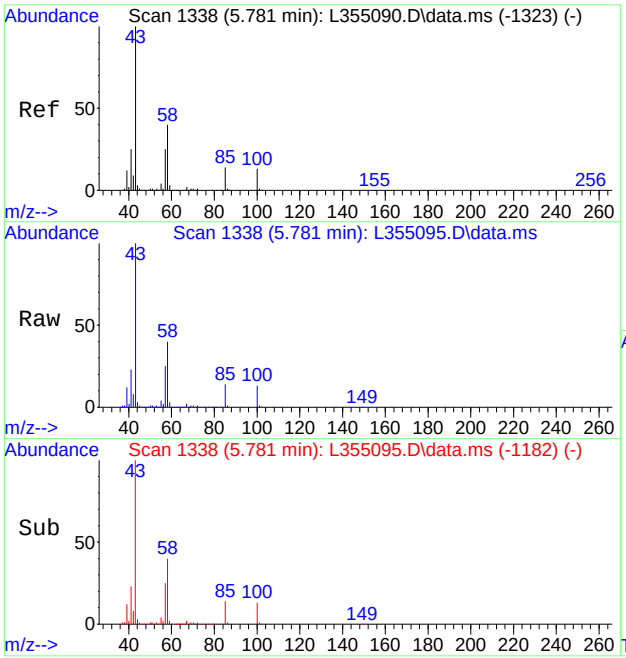


#69
epichlorohydrin
Concen: 230.14 ug/L
RT: 5.592 min Scan# 1279
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 57 Resp: 124633

Ion	Ratio	Lower	Upper
57	100		
49	25.4	3.3	43.3
42	9.6	0.0	30.7

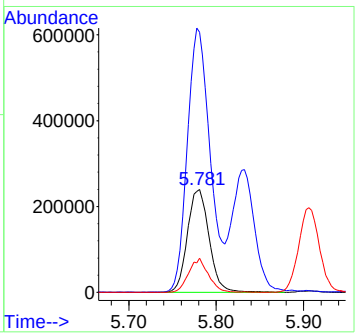


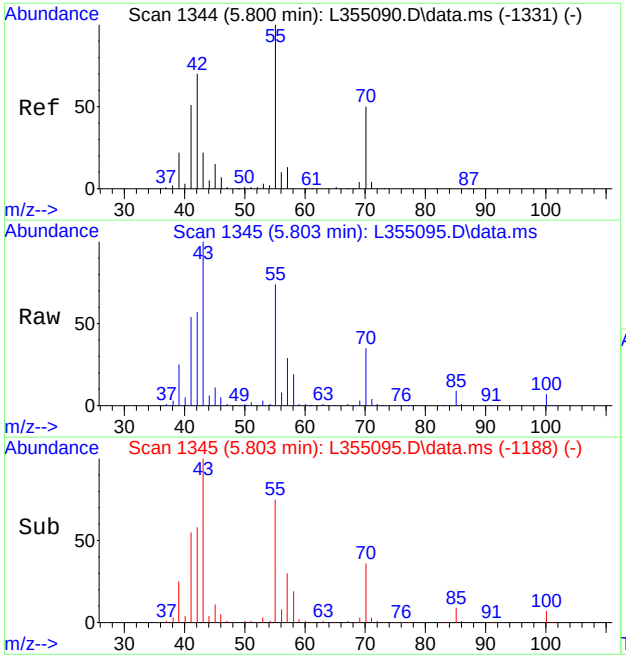


#70
4-methyl-2-pentanone
Concen: 185.47 ug/L
RT: 5.781 min Scan# 1338
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 58 Resp: 414722

Ion	Ratio	Lower	Upper
58	100		
43	252.1	227.9	267.9
100	33.4	11.2	51.2

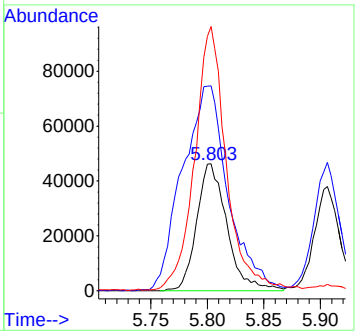


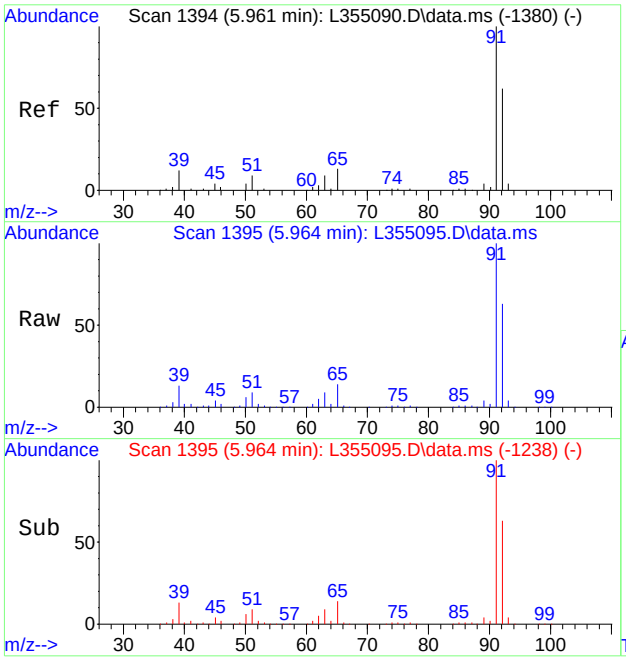


#71
3-methyl-1-butanol
Concen: 891.98 ug/L
RT: 5.803 min Scan# 1345
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 70 Resp: 86005

Ion	Ratio	Lower	Upper
70	100		
42	158.6	131.6	171.6
55	205.6	180.2	220.2

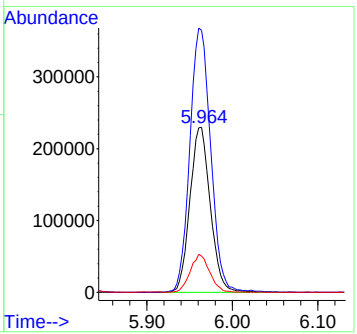


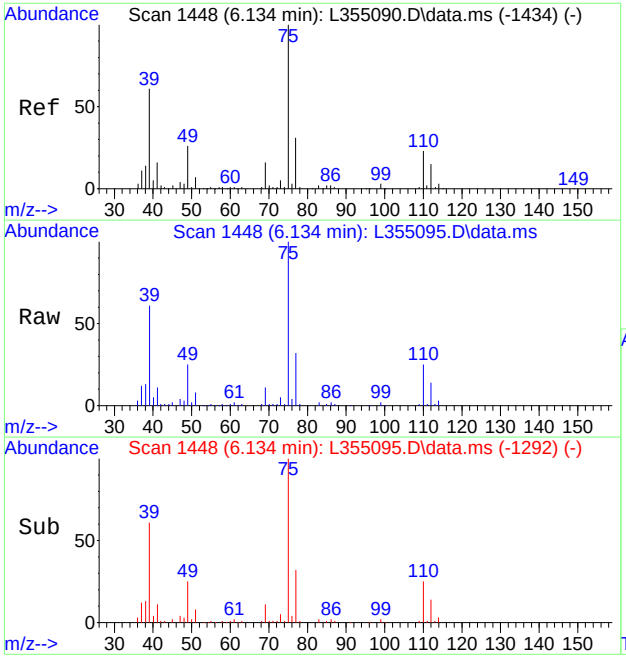


#74
toluene
Concen: 47.79 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 92 Resp: 380574

Ion	Ratio	Lower	Upper
92	100		
91	158.7	130.7	190.7
65	21.8	0.0	51.2

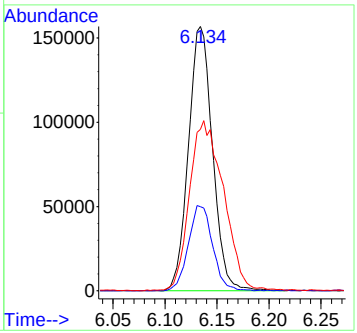


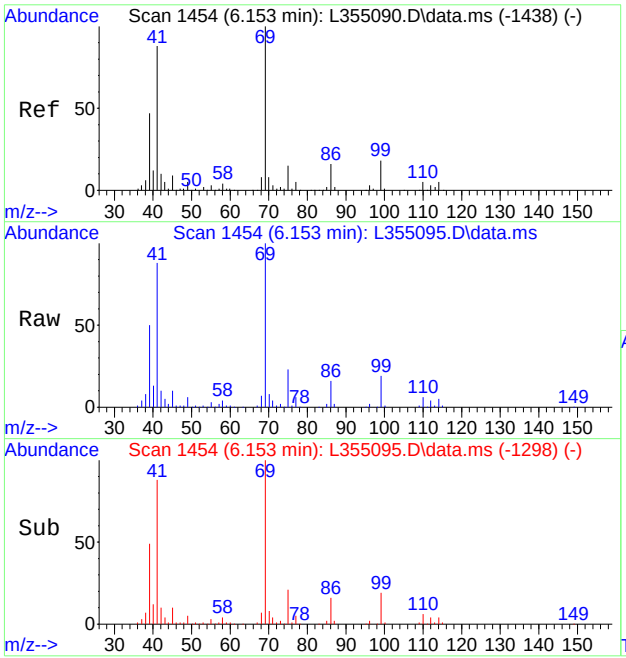


#75
trans-1,3-dichloropropene
Concen: 44.75 ug/L
RT: 6.134 min Scan# 1448
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 75 Resp: 253312

Ion	Ratio	Lower	Upper
75	100		
77	31.8	1.0	61.0
39	60.8	30.8	90.8

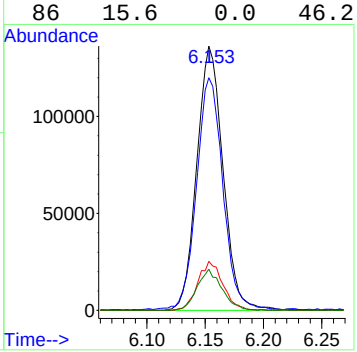


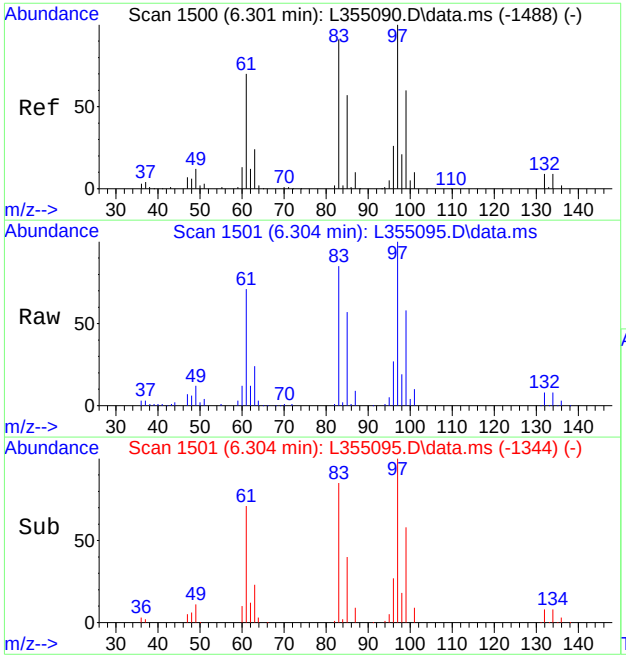


#76
ethyl methacrylate
Concen: 41.21 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 69 Resp: 213365

Ion	Ratio	Lower	Upper
69	100		
41	87.6	57.6	117.6
99	18.6	0.0	48.5
86	15.6	0.0	46.2

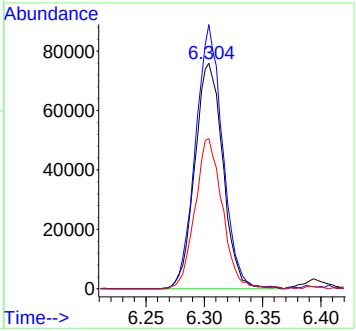


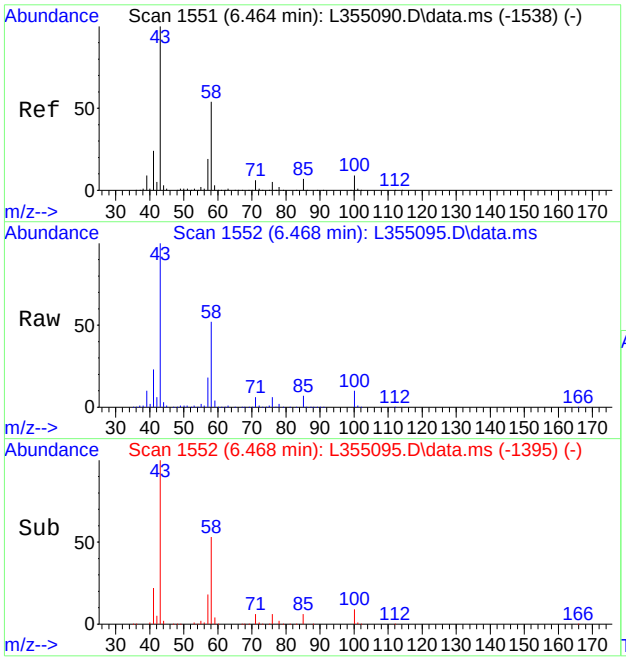


#77
1,1,2-trichloroethane
Concen: 45.33 ug/L
RT: 6.304 min Scan# 1501
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 83 Resp: 127540

Ion	Ratio	Lower	Upper
83	100		
97	117.2	80.2	140.2
85	66.6	33.0	93.0

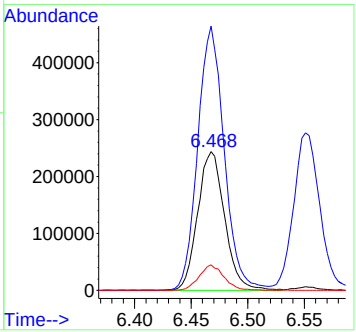




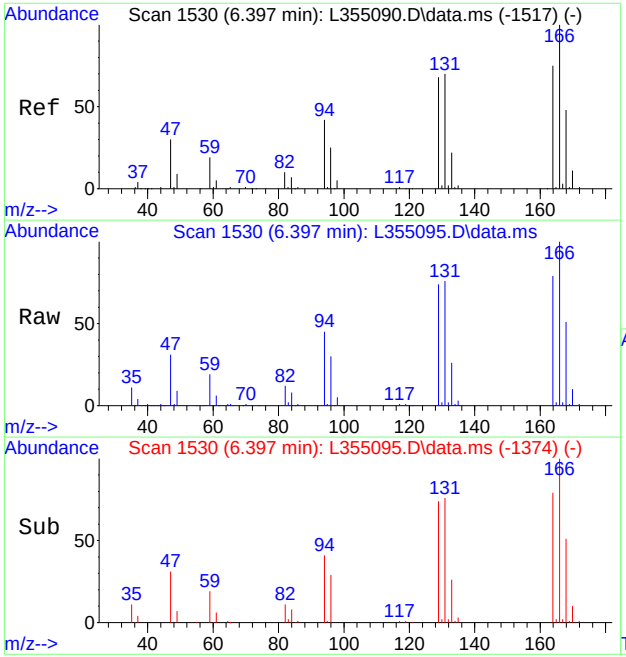
#78
2-hexanone
Concen: 172.97 ug/L
RT: 6.468 min Scan# 1552
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 58 Resp: 403420

Ion	Ratio	Lower	Upper
58	100		
43	190.4	154.5	214.5
100	18.4	0.0	46.6



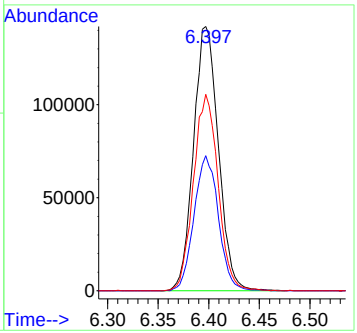
7.7.50

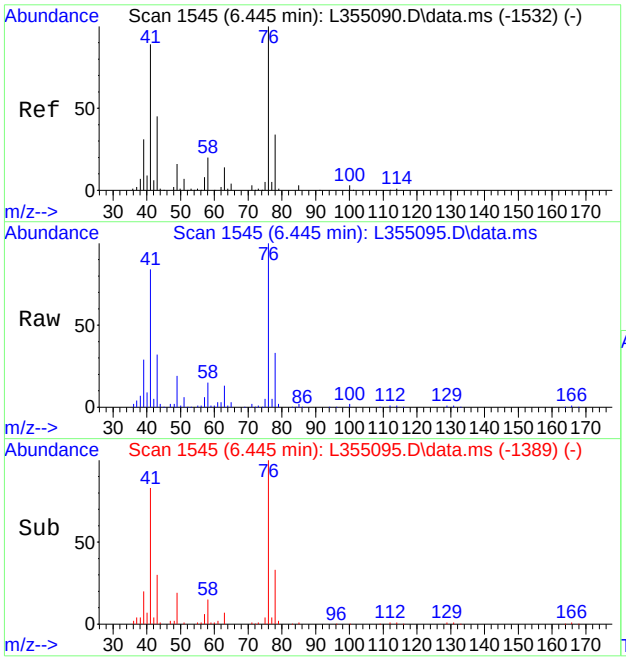


#79
tetrachloroethene
Concen: 73.15 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:166 Resp: 243234

Ion	Ratio	Lower	Upper
166	100		
168	51.0	18.3	78.3
129	74.3	38.5	98.5

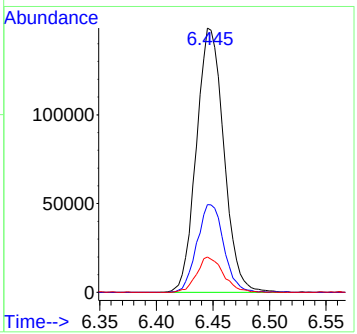


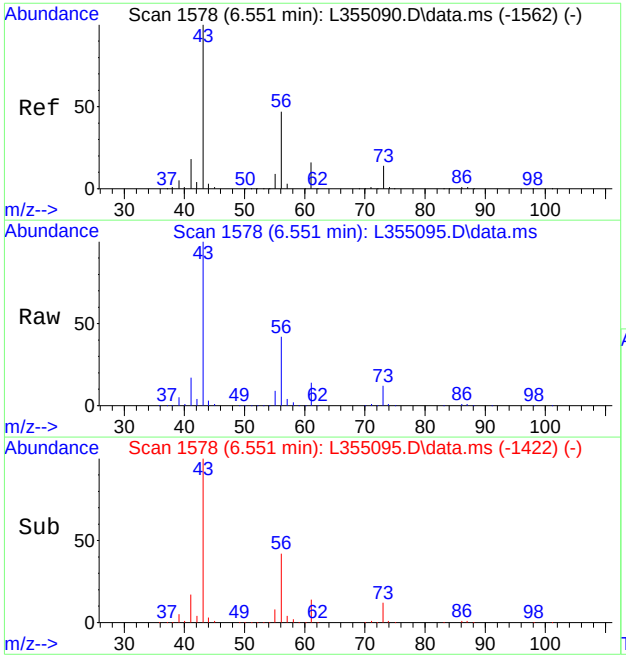


#80
1,3-dichloropropane
Concen: 45.54 ug/L
RT: 6.445 min Scan# 1545
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 76 Resp: 250477

Ion	Ratio	Lower	Upper
76	100		
78	33.2	3.8	63.8
63	13.4	0.0	43.8

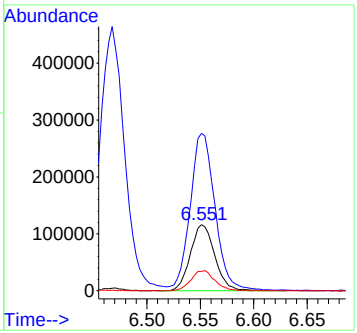


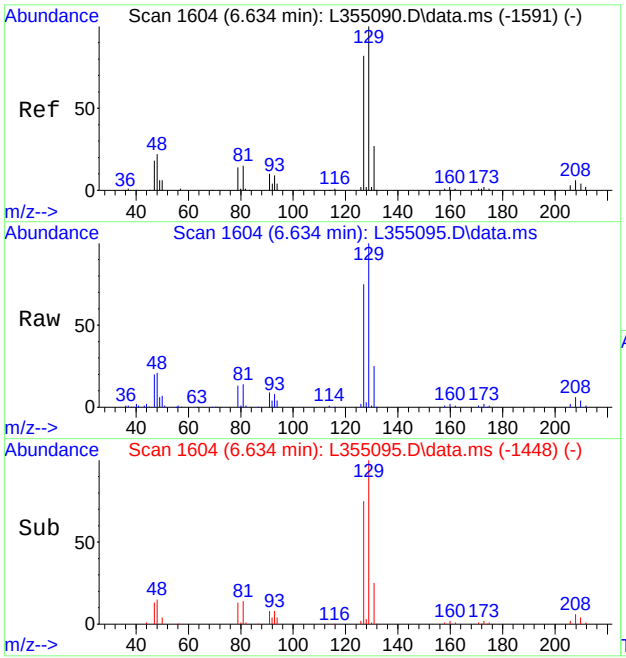


#81
butyl acetate
Concen: 49.57 ug/L
RT: 6.551 min Scan# 1578
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 56 Resp: 185027

Ion	Ratio	Lower	Upper
56	100		
43	237.1	194.2	254.2
73	29.3	0.0	58.5

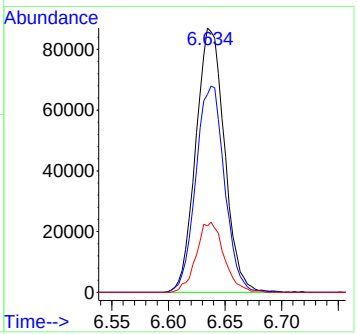


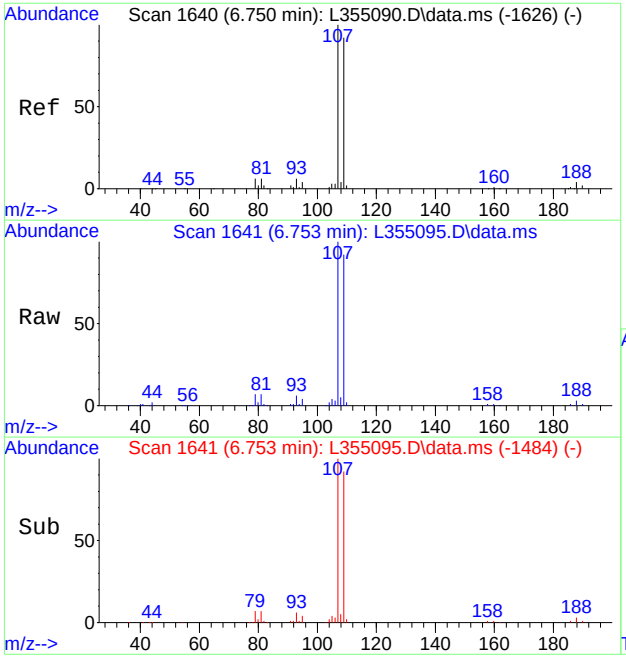


#82
dibromochloromethane
Concen: 45.43 ug/L
RT: 6.634 min Scan# 1604
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:129 Resp: 153223

Ion	Ratio	Lower	Upper
129	100		
127	74.8	51.9	111.9
131	25.2	0.0	56.8

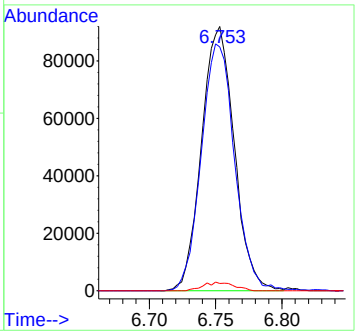


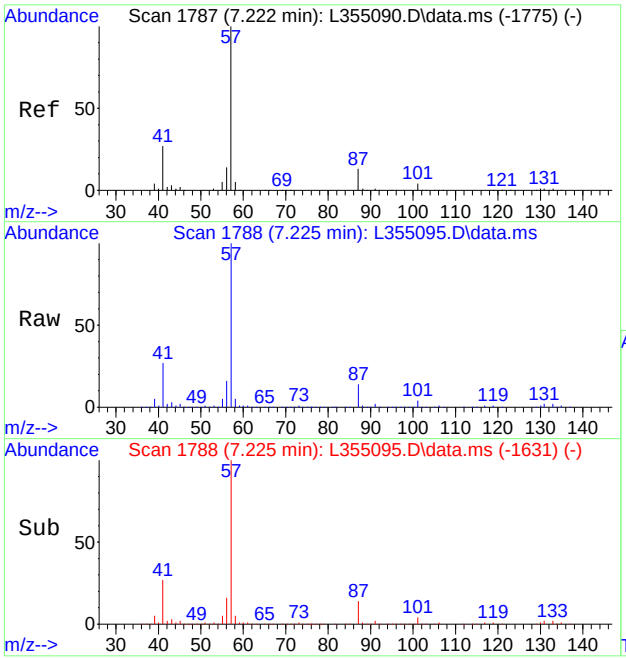


#83
1,2-dibromoethane
Concen: 47.44 ug/L
RT: 6.753 min Scan# 1641
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:107 Resp: 157886

Ion	Ratio	Lower	Upper
107	100		
109	92.2	62.2	122.2
188	2.8	0.0	33.6

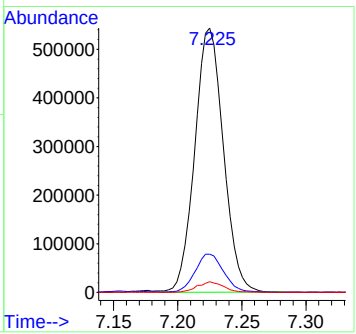


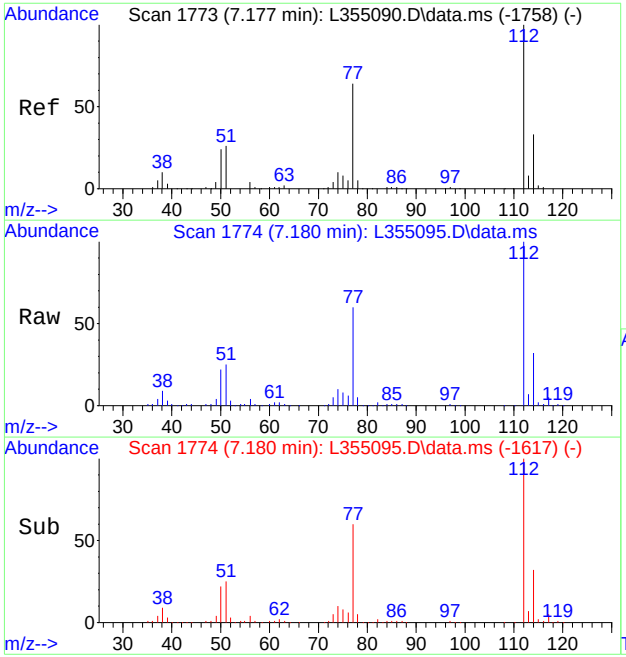


#84
n-butyl ether
Concen: 50.53 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 57 Resp: 844356

Ion	Ratio	Lower	Upper
57	100		
87	14.5	0.0	43.5
101	4.1	0.0	33.5

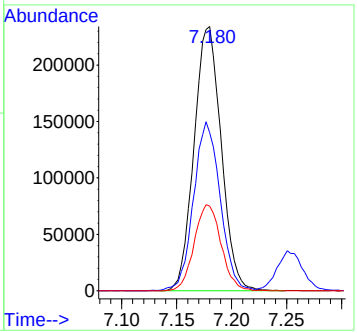


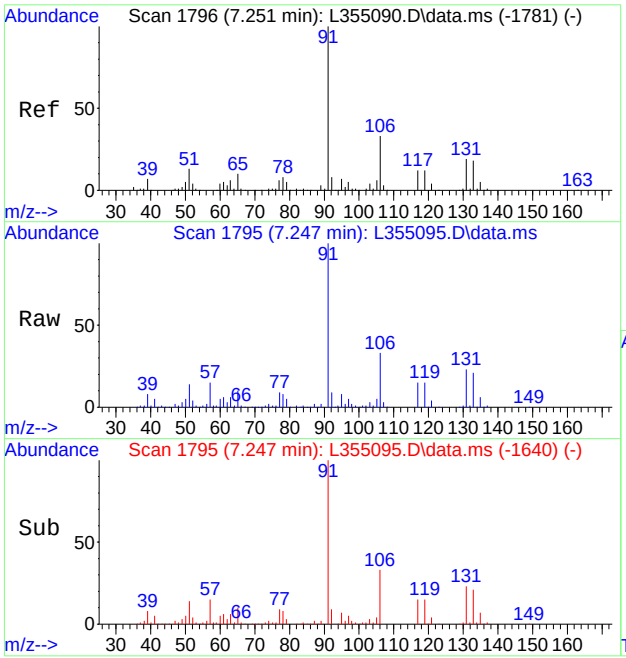


#85
chlorobenzene
Concen: 48.51 ug/L
RT: 7.180 min Scan# 1774
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:112 Resp: 403337

Ion	Ratio	Lower	Upper
112	100		
77	59.6	34.0	94.0
114	32.0	2.8	62.8

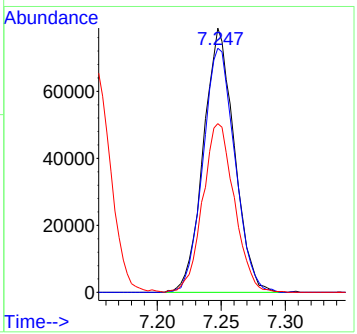


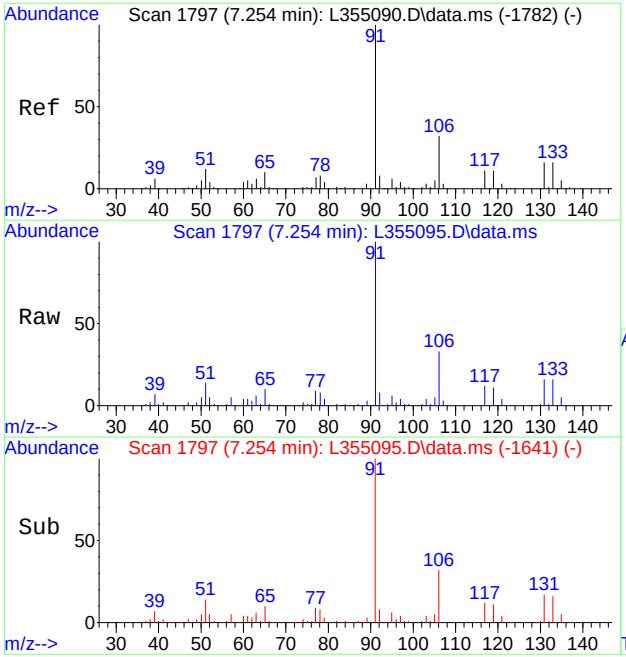


#86
1,1,1,2-tetrachloroethane
Concen: 45.81 ug/L
RT: 7.247 min Scan# 1795
Delta R.T. -0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:131 Resp: 132173

Ion	Ratio	Lower	Upper
131	100		
133	92.4	65.5	125.5
119	63.5	34.9	94.9

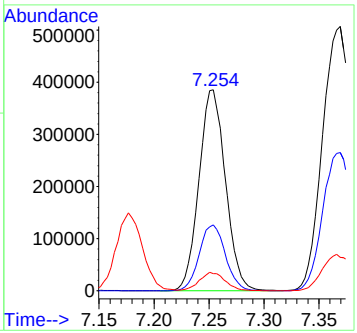


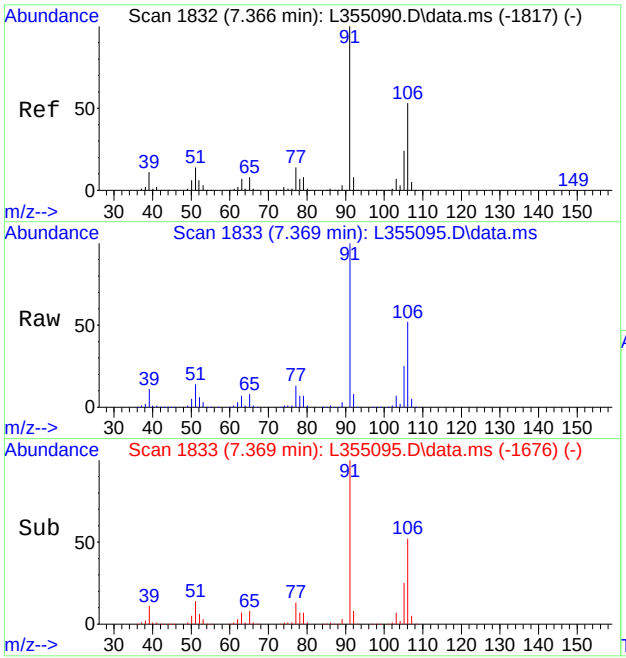


#87
ethylbenzene
Concen: 46.10 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 91 Resp: 647291

Ion	Ratio	Lower	Upper
91	100		
106	32.7	1.8	61.8
77	8.5	0.0	38.8

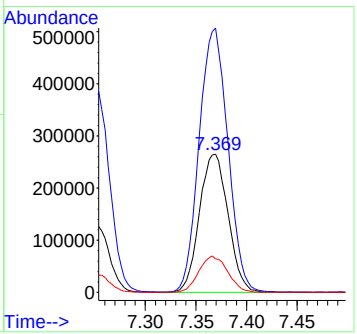


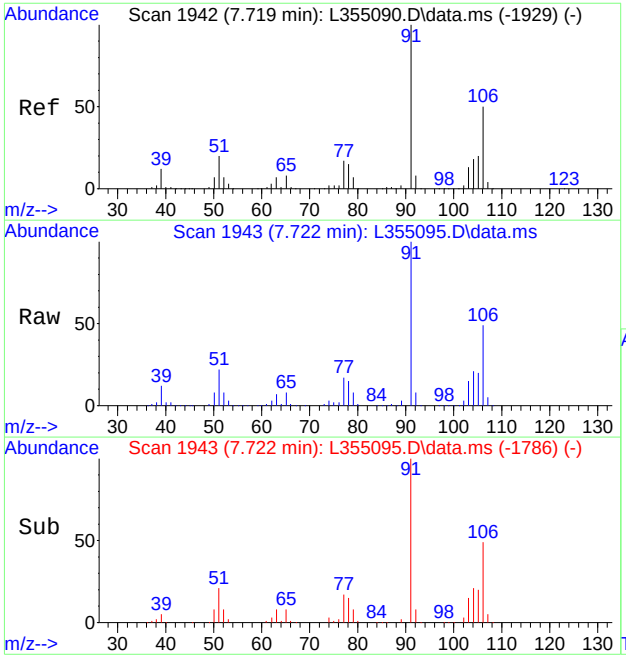


#88
m,p-xylene
Concen: 91.51 ug/L
RT: 7.369 min Scan# 1833
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:106 Resp: 522308

Ion	Ratio	Lower	Upper
106	100		
91	191.3	158.2	218.2
77	24.2	6.9	46.9

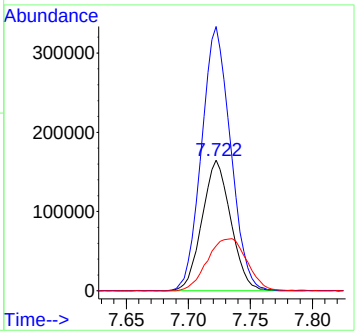


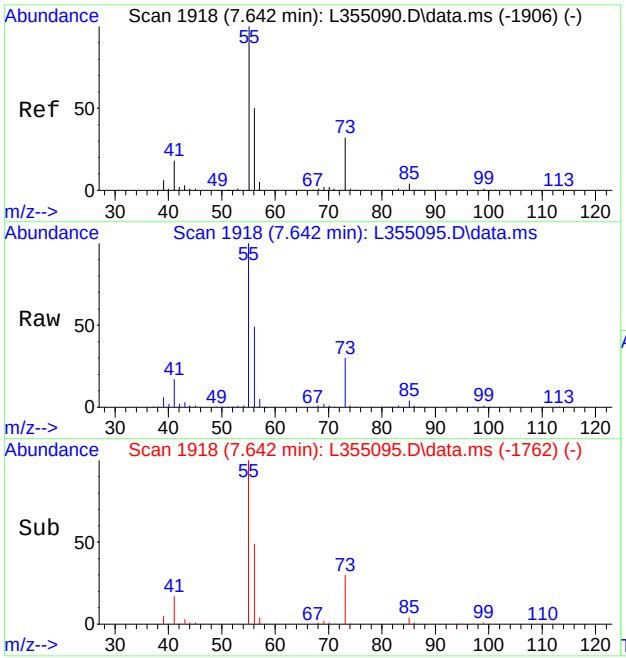


#89
o-xylene
Concen: 45.24 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:106 Resp: 264506

Ion	Ratio	Lower	Upper
106	100		
91	202.3	170.0	230.0
77	34.5	14.0	54.0

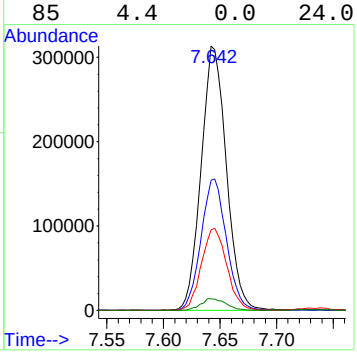


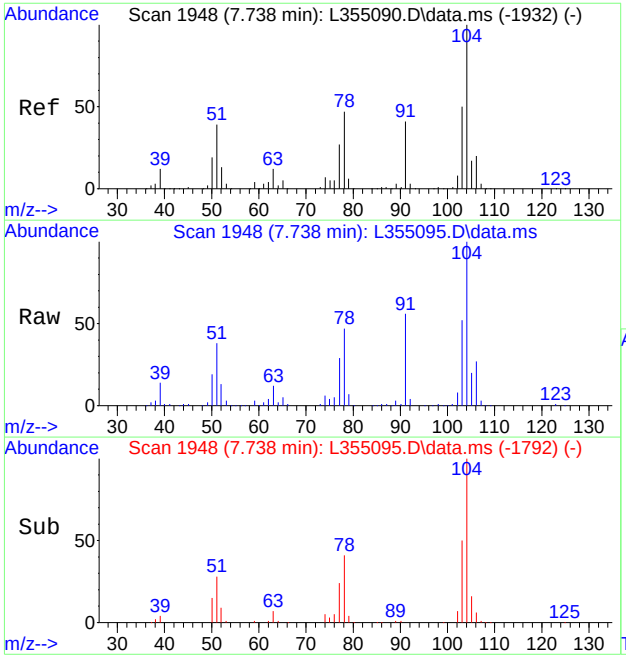


#90
butyl acrylate
Concen: 49.55 ug/L
RT: 7.642 min Scan# 1918
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 55 Resp: 485389

Ion	Ratio	Lower	Upper
55	100		
56	49.2	30.4	70.4
73	30.4	11.9	51.9
85	4.4	0.0	24.0

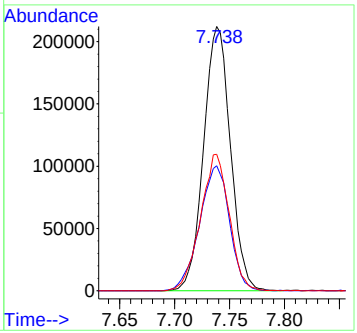


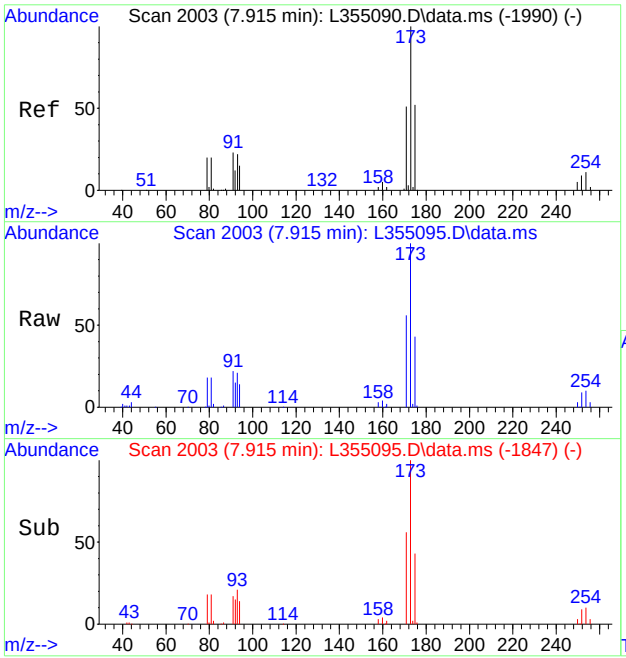


#91
styrene
Concen: 39.36 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:104 Resp: 360977

Ion	Ratio	Lower	Upper
104	100		
78	47.3	17.3	77.3
103	51.6	19.8	79.8

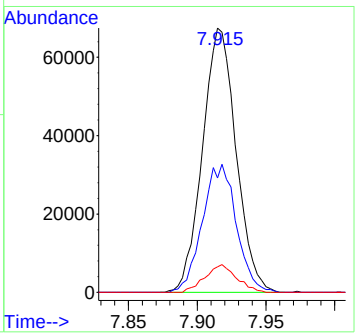


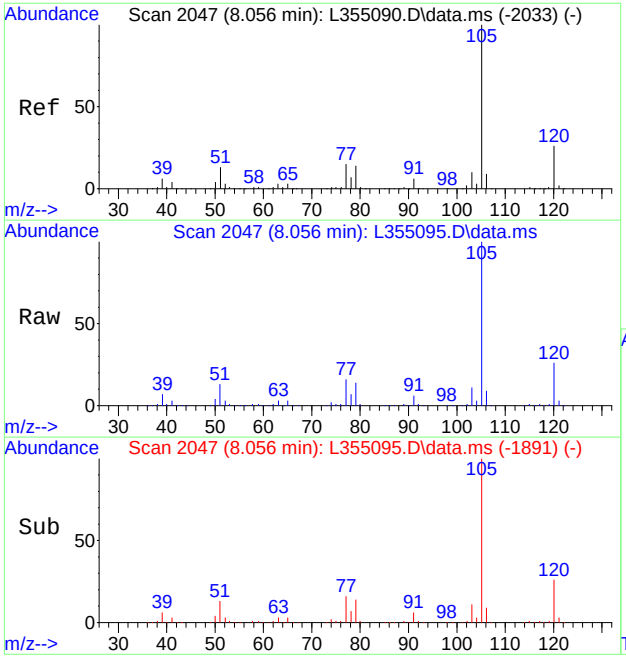


#92
bromoform
Concen: 46.21 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:173 Resp: 114811

Ion	Ratio	Lower	Upper
173	100		
175	43.2	22.1	82.1
254	9.7	0.0	41.0

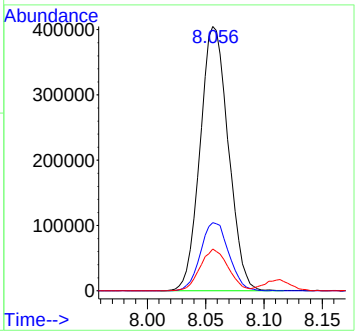


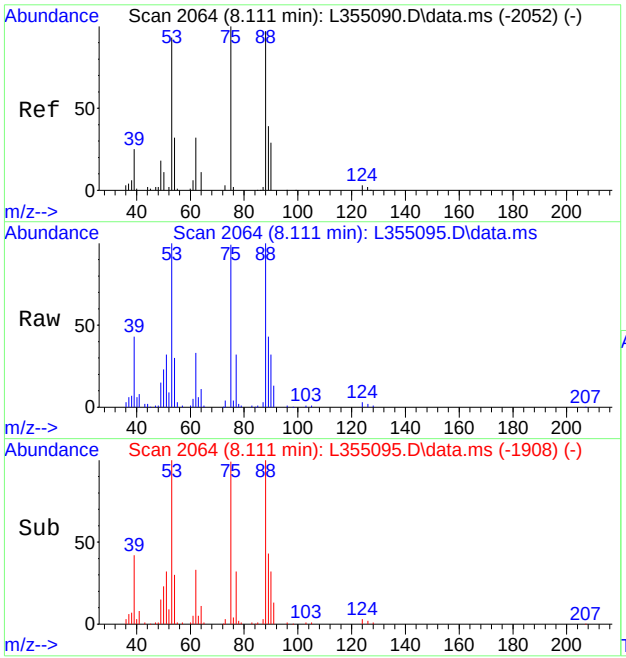


#93
isopropylbenzene
Concen: 46.89 ug/L
RT: 8.056 min Scan# 2047
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:105 Resp: 682551

Ion	Ratio	Lower	Upper
105	100		
120	25.8	6.4	46.4
77	15.9	0.0	35.3

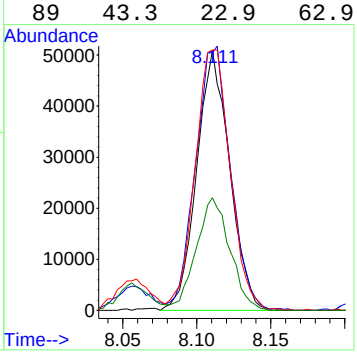


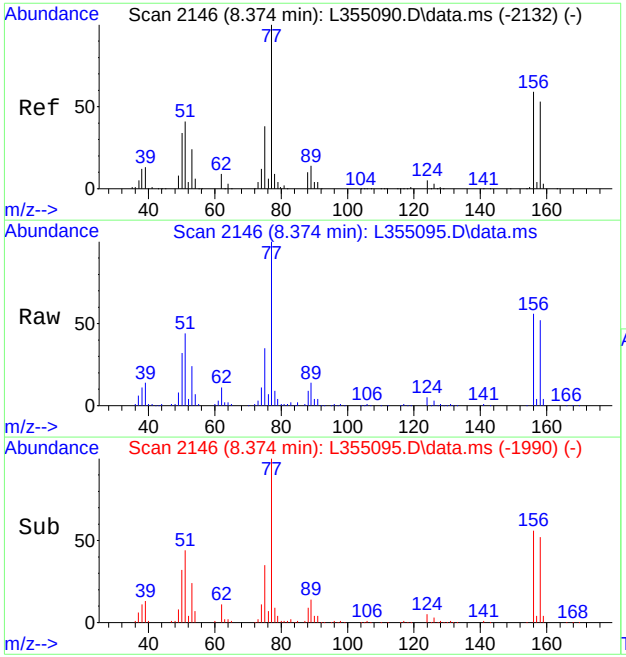


#94
cis-1,4-dichloro-2-butene
Concen: 48.33 ug/L
RT: 8.111 min Scan# 2064
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 88 Resp: 78282

Ion	Ratio	Lower	Upper
88	100		
75	98.5	87.0	127.0
53	100.0	79.7	119.7
89	43.3	22.9	62.9

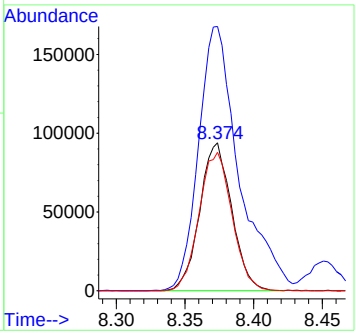


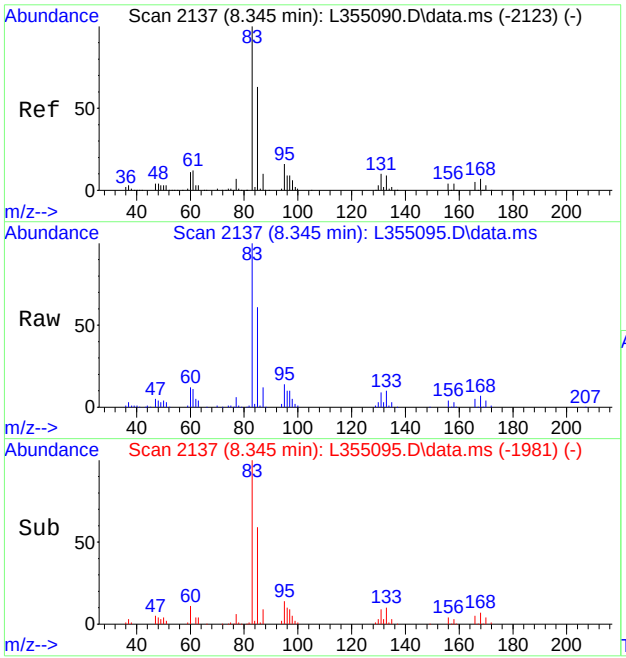


#97
bromobenzene
Concen: 49.36 ug/L
RT: 8.374 min Scan# 2146
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:156 Resp: 151938

Ion	Ratio	Lower	Upper
156	100		
77	178.5	138.1	198.1
158	93.6	58.3	118.3

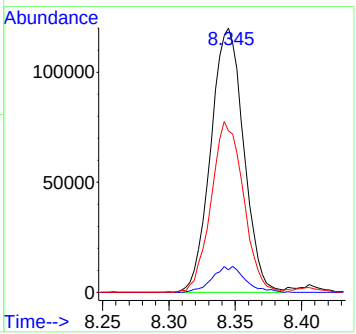


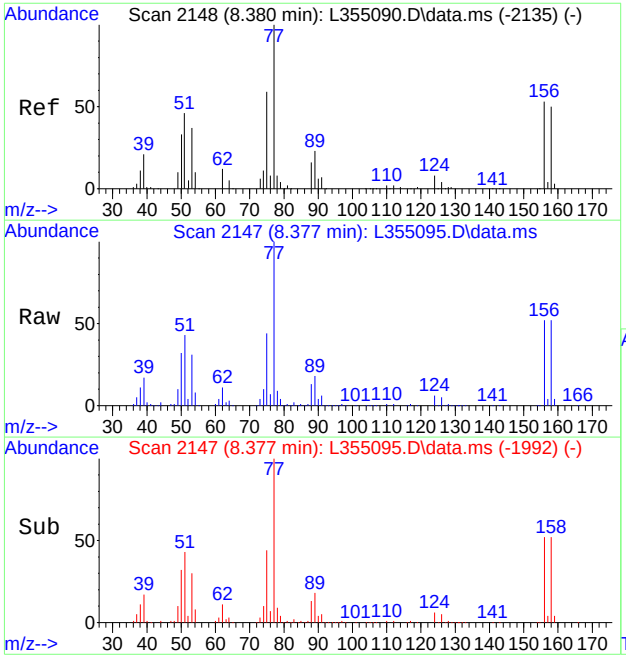


#98
1,1,2,2-tetrachloroethane
Concen: 46.25 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 83 Resp: 207170

Ion	Ratio	Lower	Upper
83	100		
131	8.5	0.0	39.6
85	61.1	33.1	93.1

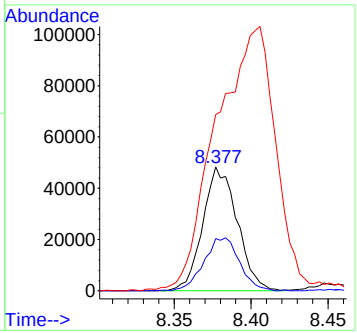


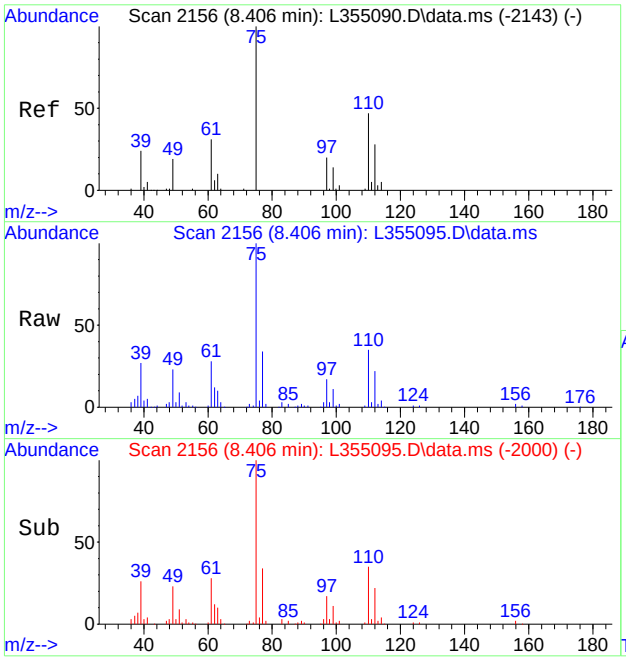


#99
trans-1,4-dichloro-2-butene
Concen: 52.33 ug/L
RT: 8.377 min Scan# 2147
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 53 Resp: 75285

Ion	Ratio	Lower	Upper
53	100		
88	41.7	13.5	73.5
75	139.7	128.5	188.5

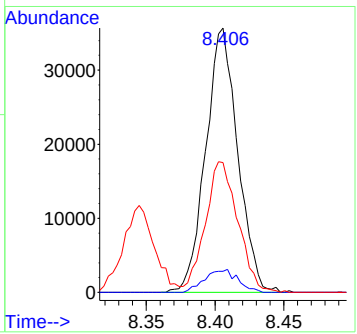


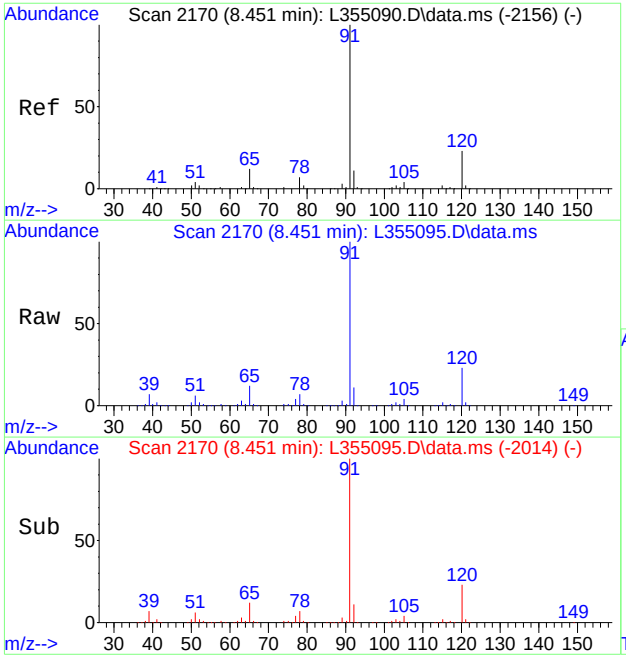


#100
1,2,3-trichloropropane
Concen: 48.31 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:110 Resp: 57863

Ion	Ratio	Lower	Upper
110	100		
111	8.0	0.0	39.7
97	48.5	18.0	78.0

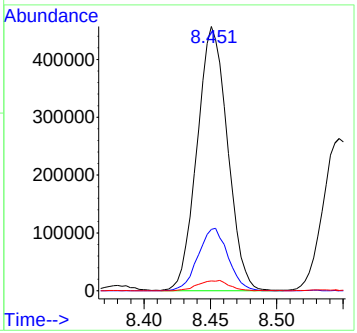


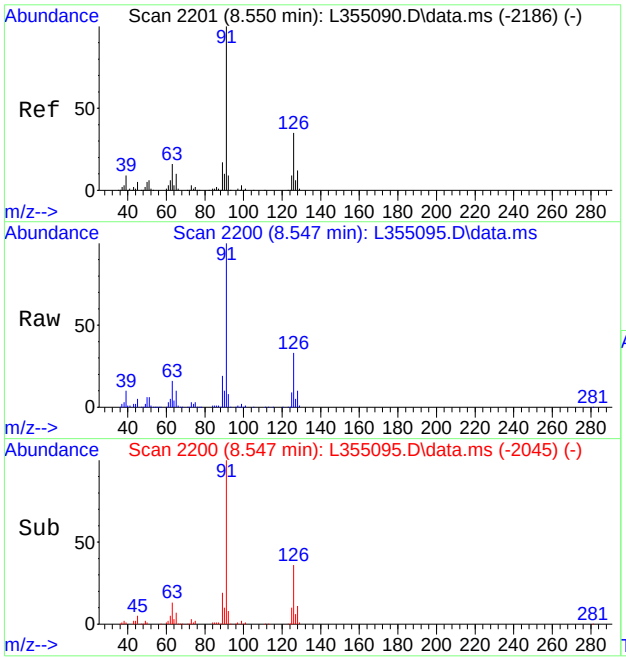


#101
n-propylbenzene
Concen: 46.94 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 91 Resp: 729725

Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	53.4
105	3.7	0.0	34.1

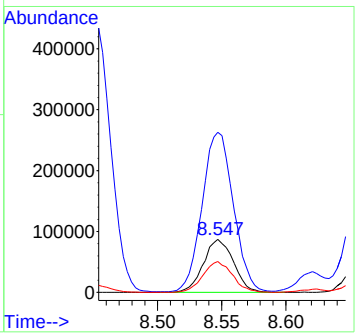


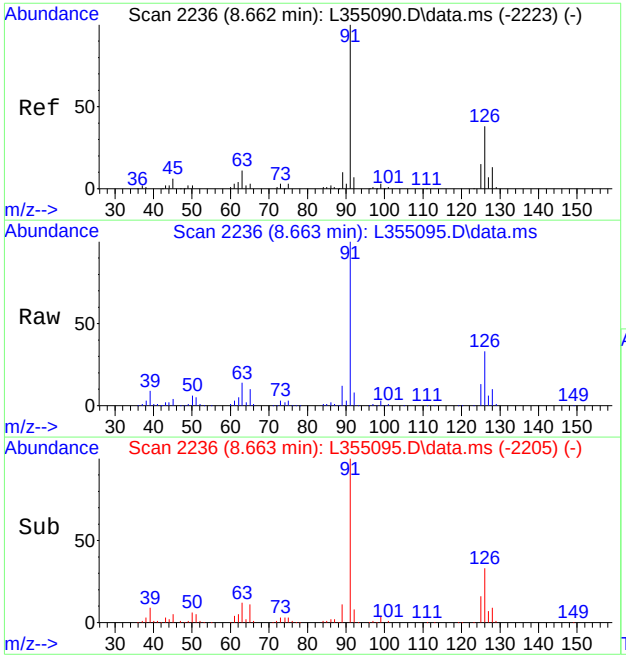


#102
2-chlorotoluene
Concen: 47.05 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:126 Resp: 142266

Ion	Ratio	Lower	Upper
126	100		
91	300.3	258.6	318.6
89	58.0	18.8	78.8

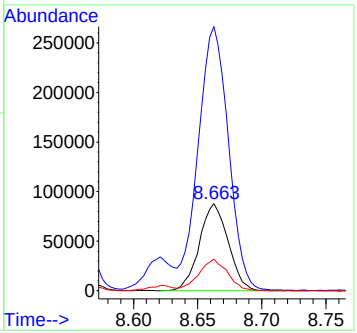


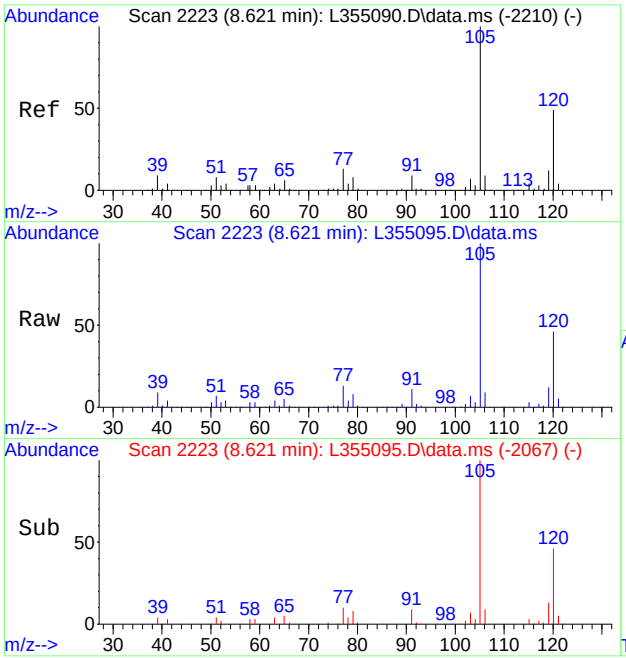


#103
4-chlorotoluene
Concen: 47.12 ug/L
RT: 8.663 min Scan# 2236
Delta R.T. 0.001 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:126 Resp: 138027

Ion	Ratio	Lower	Upper
126	100		
91	303.0	272.7	332.7
89	36.6	2.4	62.4

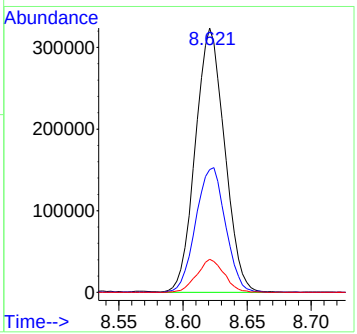




#104
1,3,5-trimethylbenzene
Concen: 46.94 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

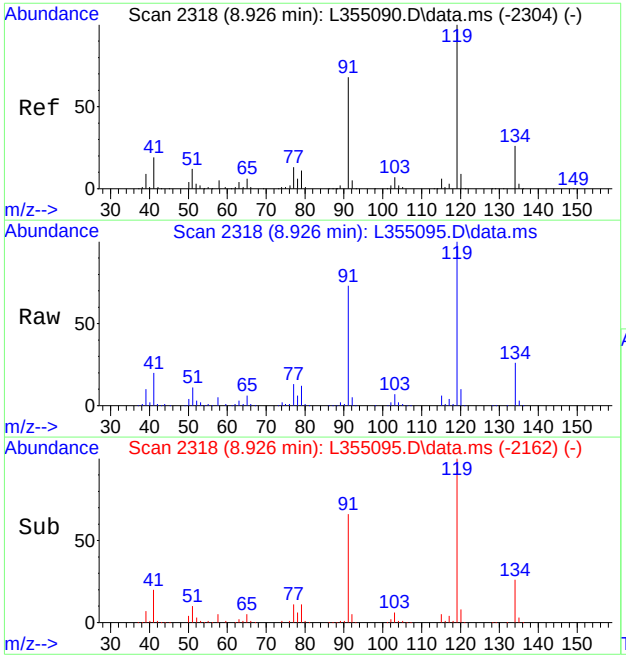
Tgt Ion:105 Resp: 514329

Ion	Ratio	Lower	Upper
105	100		
120	46.3	19.0	79.0
119	12.5	0.0	42.2



7.7.50

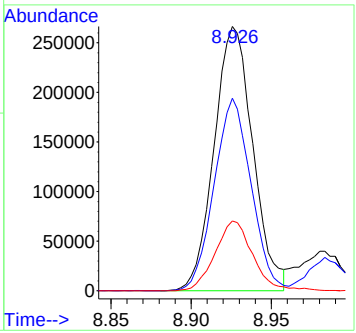
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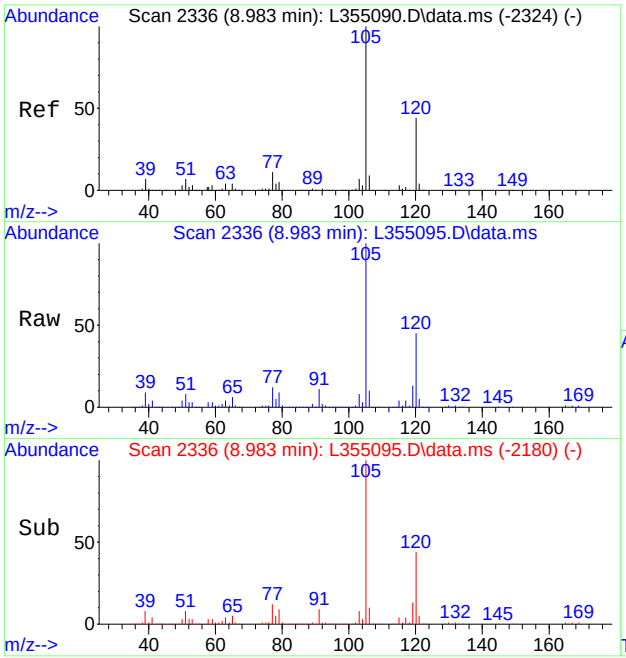


#105
tert-butylbenzene
Concen: 49.00 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:119 Resp: 448430

Ion	Ratio	Lower	Upper
119	100		
91	72.9	38.0	98.0
134	26.4	0.0	56.2

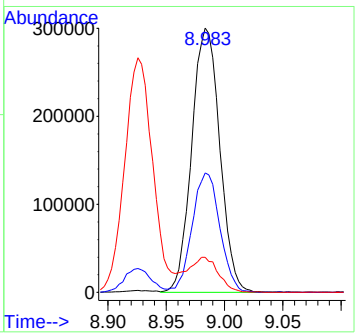


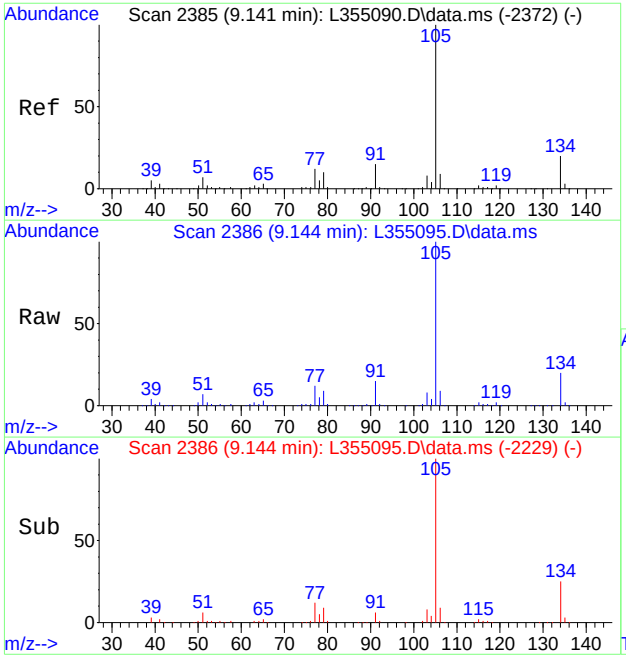


#106
1,2,4-trimethylbenzene
Concen: 46.00 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:105 Resp: 503709

Ion	Ratio	Lower	Upper
105	100		
120	45.2	15.8	75.8
119	13.2	0.0	42.1

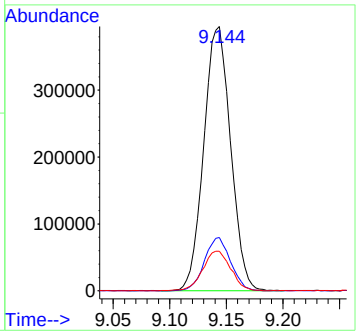


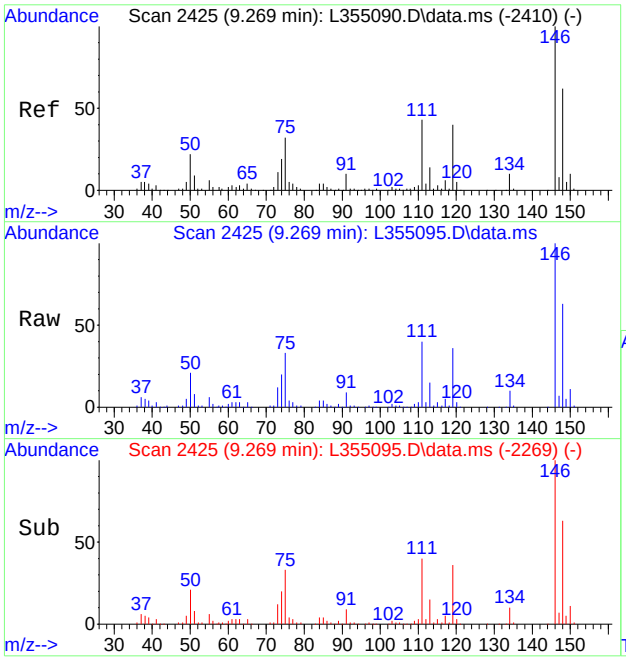


#107
sec-butylbenzene
Concen: 48.60 ug/L
RT: 9.144 min Scan# 2386
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:105 Resp: 649655

Ion	Ratio	Lower	Upper
105	100		
134	20.2	0.0	50.4
91	14.8	0.0	45.4

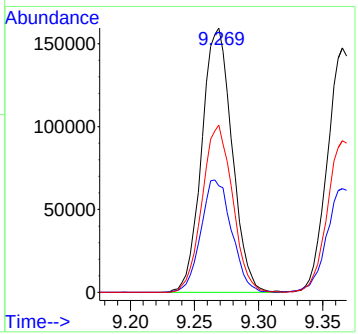


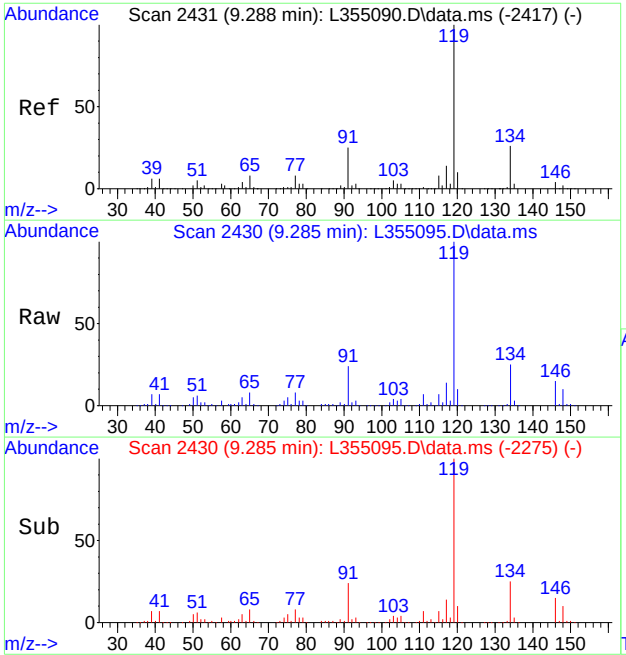


#108
1,3-dichlorobenzene
Concen: 49.13 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:146 Resp: 262376

Ion	Ratio	Lower	Upper
146	100		
111	40.3	13.1	73.1
148	63.3	32.4	92.4

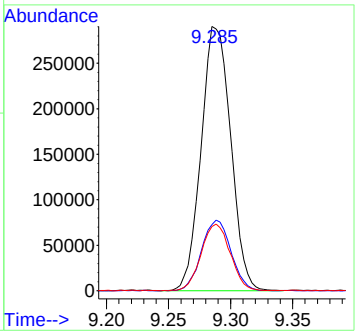


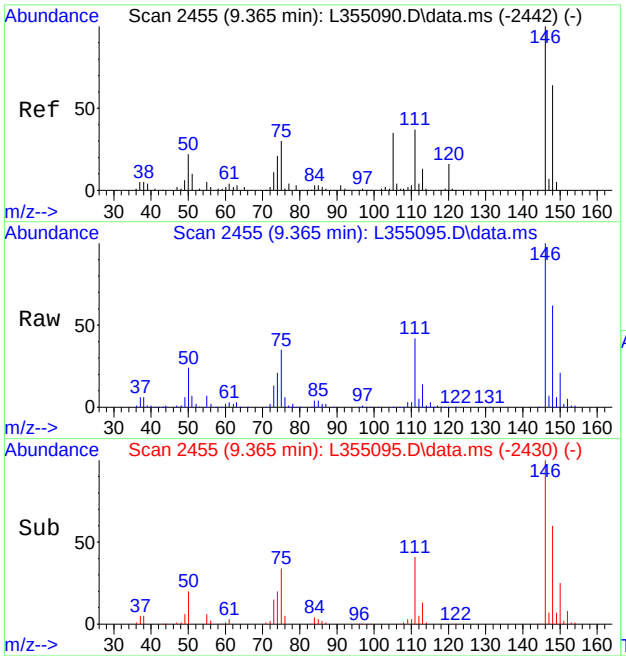


#109
p-isopropyltoluene
Concen: 46.87 ug/L
RT: 9.285 min Scan# 2430
Delta R.T. -0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:119 Resp: 482310

Ion	Ratio	Lower	Upper
119	100		
134	25.0	0.0	56.2
91	24.3	0.0	55.0

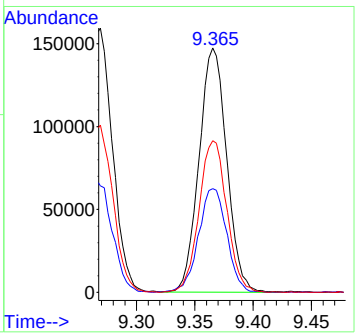


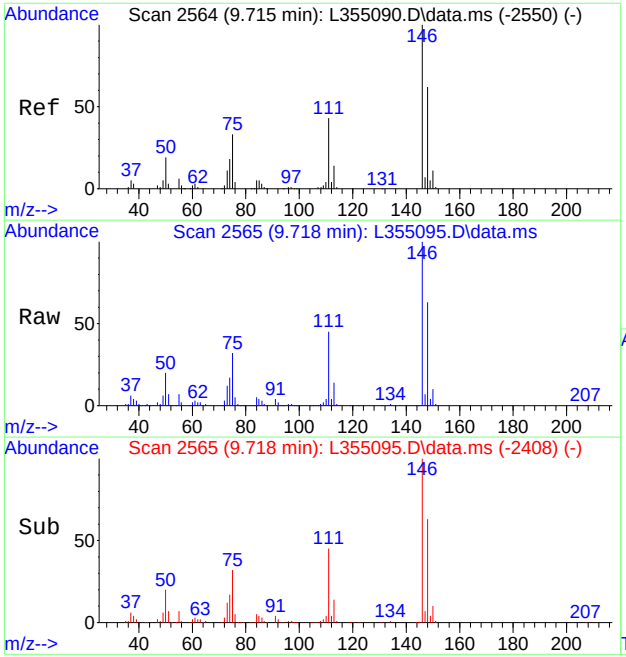


#110
1,4-dichlorobenzene
Concen: 50.11 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:146 Resp: 242979

Ion	Ratio	Lower	Upper
146	100		
111	42.5	7.6	67.6
148	62.2	33.7	93.7

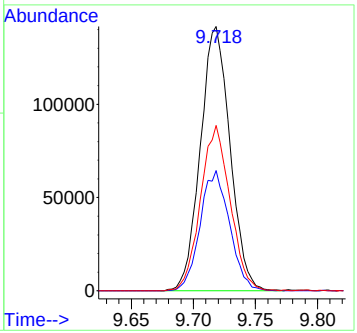


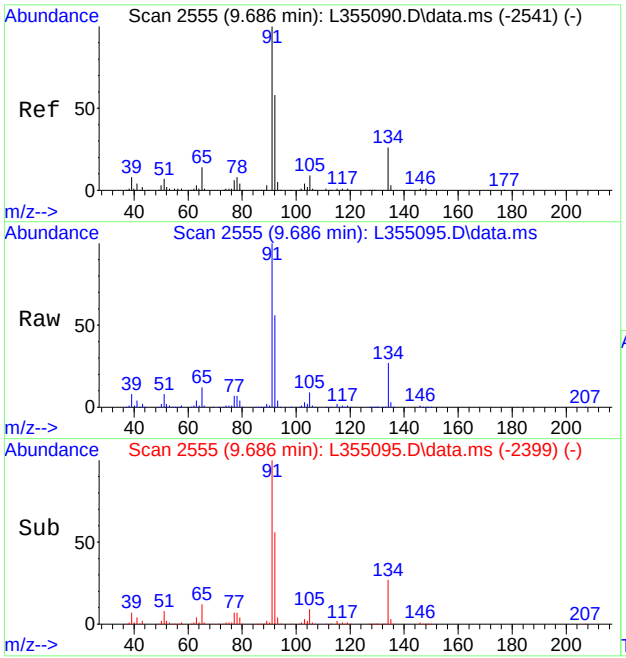


#112
1,2-dichlorobenzene
Concen: 47.72 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:146 Resp: 235498

Ion	Ratio	Lower	Upper
146	100		
111	45.5	13.0	73.0
148	62.5	32.1	92.1

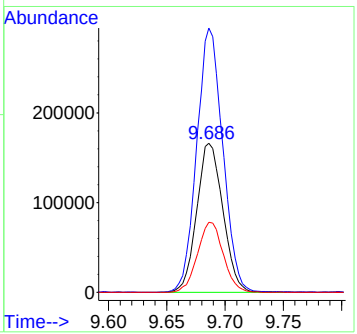




#113
n-butylbenzene
Concen: 50.59 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

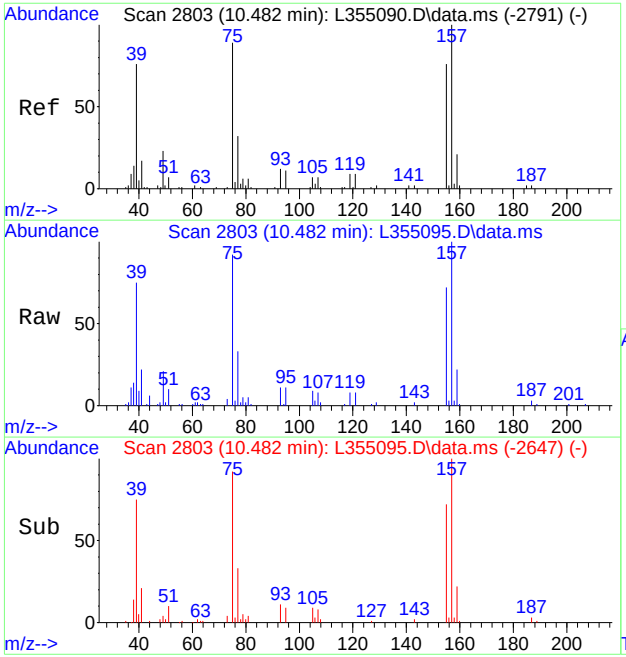
Tgt Ion: 92 Resp: 260051

Ion	Ratio	Lower	Upper
92	100		
91	177.2	141.2	201.2
134	47.1	14.9	74.9



7.7.50

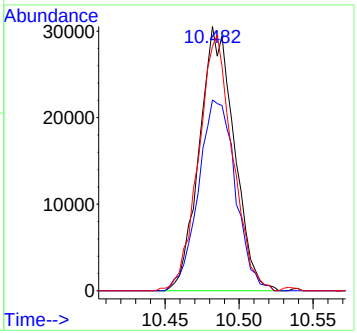
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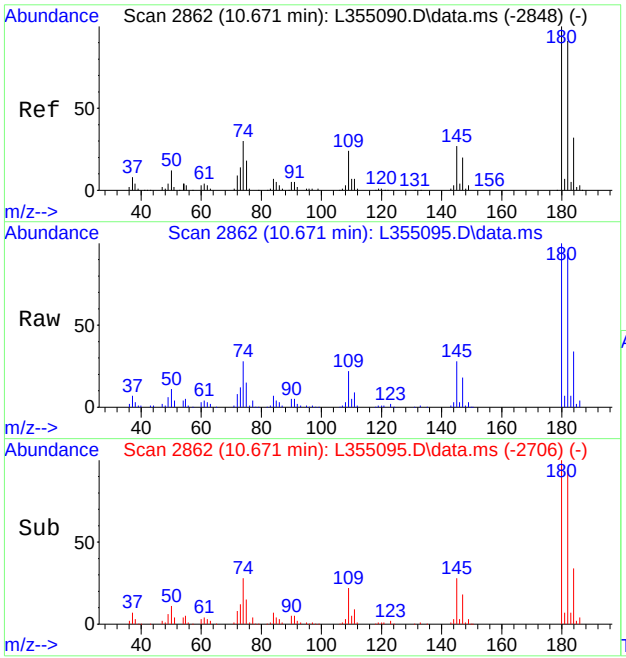


#114
1,2-dibromo-3-chloropropane
Concen: 51.99 ug/L
RT: 10.482 min Scan# 2803
Delta R.T. -0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:157 Resp: 49988

Ion	Ratio	Lower	Upper
157	100		
155	72.1	46.0	106.0
75	91.5	58.9	118.9

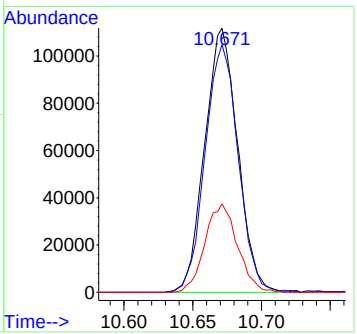


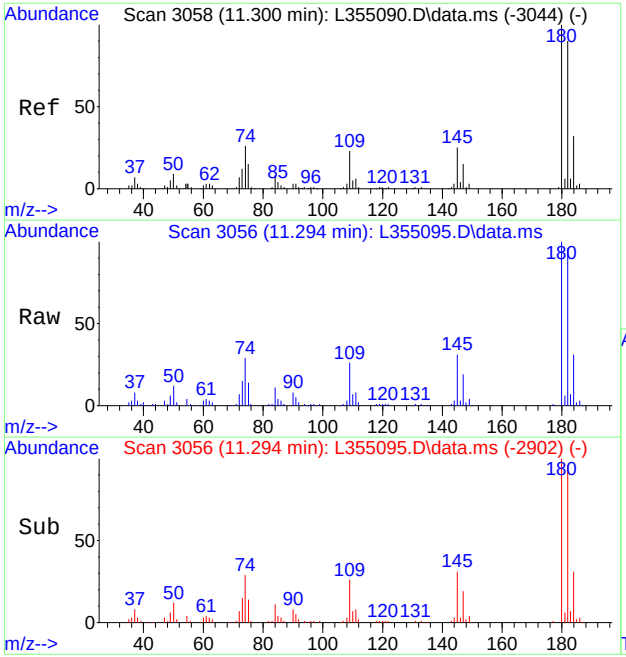


#115
1,3,5-trichlorobenzene
Concen: 56.50 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:180 Resp: 186720

Ion	Ratio	Lower	Upper
180	100		
182	93.6	61.0	121.0
184	33.5	1.5	61.5

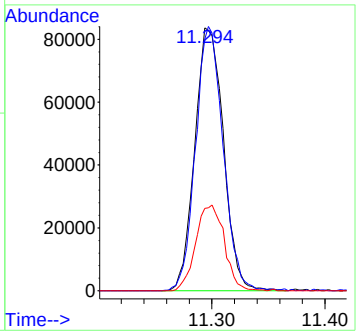


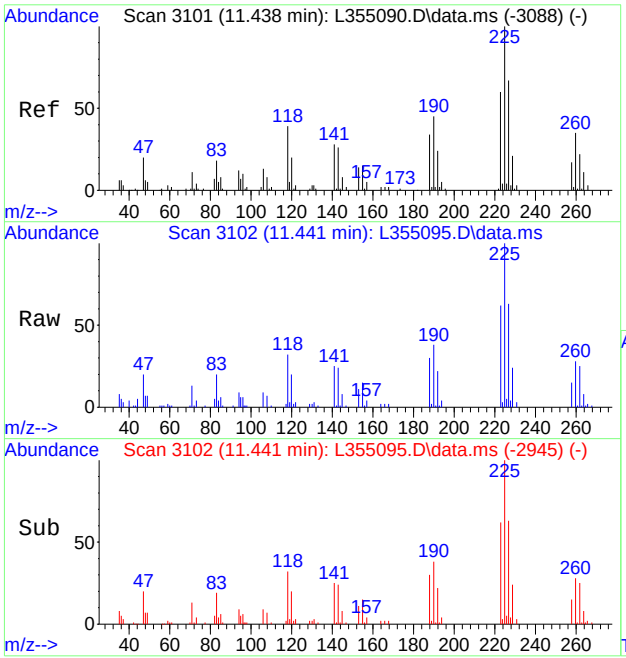


#116
1,2,4-trichlorobenzene
Concen: 54.60 ug/L
RT: 11.294 min Scan# 3056
Delta R.T. -0.006 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:180 Resp: 146836

Ion	Ratio	Lower	Upper
180	100		
182	95.7	59.8	119.8
184	31.3	1.8	61.8

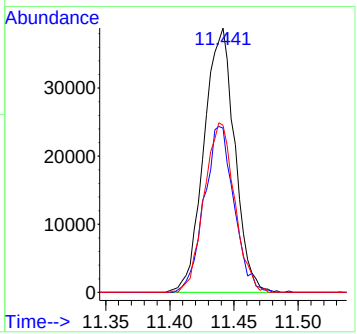


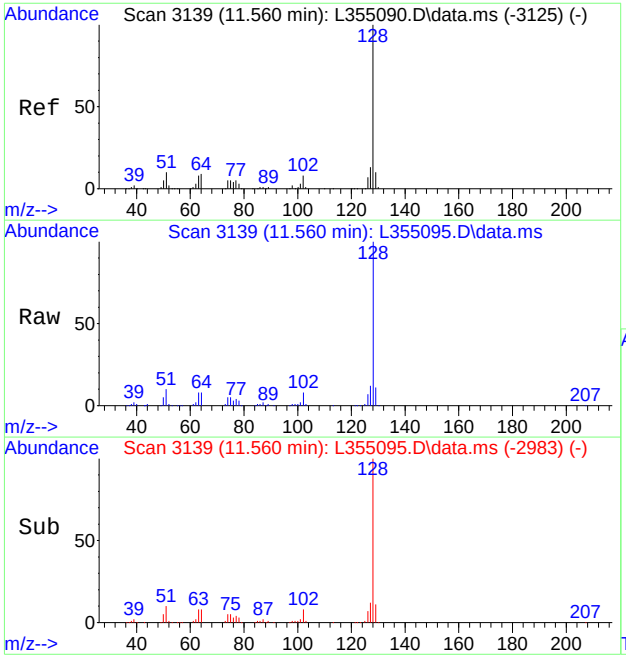


#117
hexachlorobutadiene
Concen: 51.97 ug/L
RT: 11.441 min Scan# 3102
Delta R.T. 0.003 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:225 Resp: 64752

Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.5	90.5
227	63.1	37.2	97.2

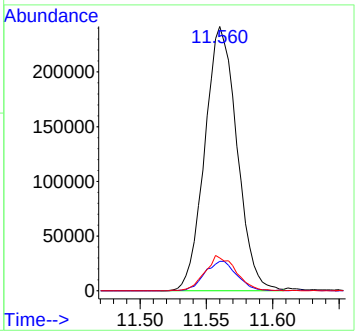


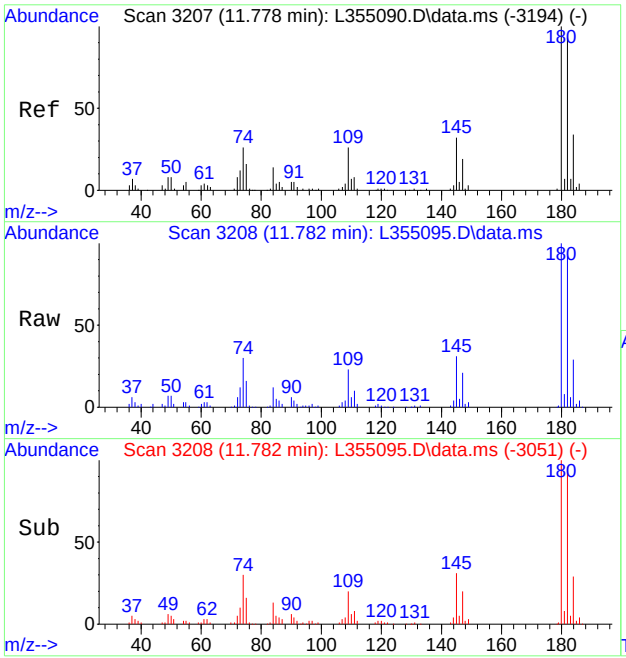


#118
naphthalene
Concen: 55.38 ug/L
RT: 11.560 min Scan# 3139
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:128 Resp: 407860

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	40.2
127	12.5	0.0	43.0

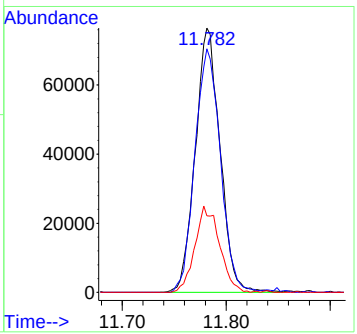


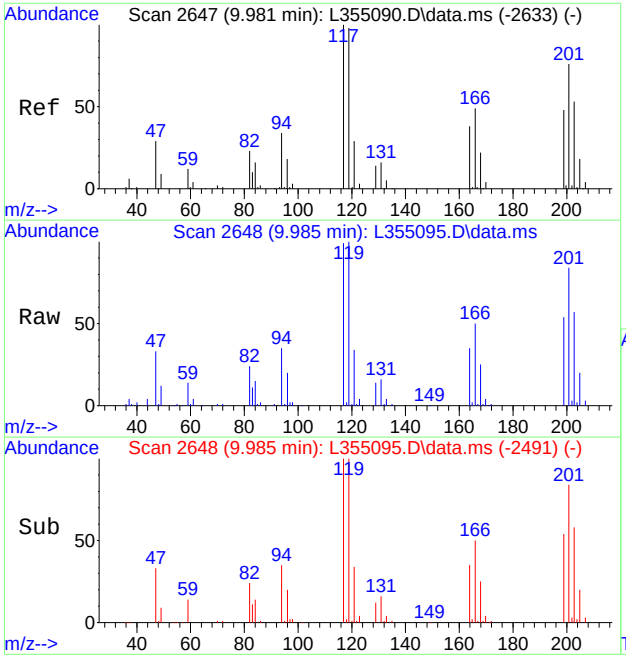


#119
1,2,3-trichlorobenzene
Concen: 55.08 ug/L
RT: 11.782 min Scan# 3208
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:180 Resp: 126792

Ion	Ratio	Lower	Upper
180	100		
182	92.1	63.1	123.1
184	29.0	3.8	63.8

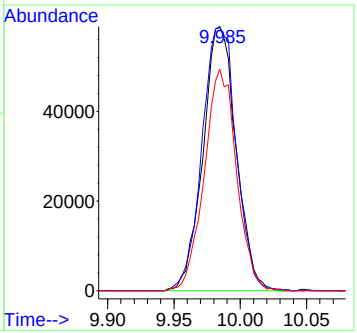


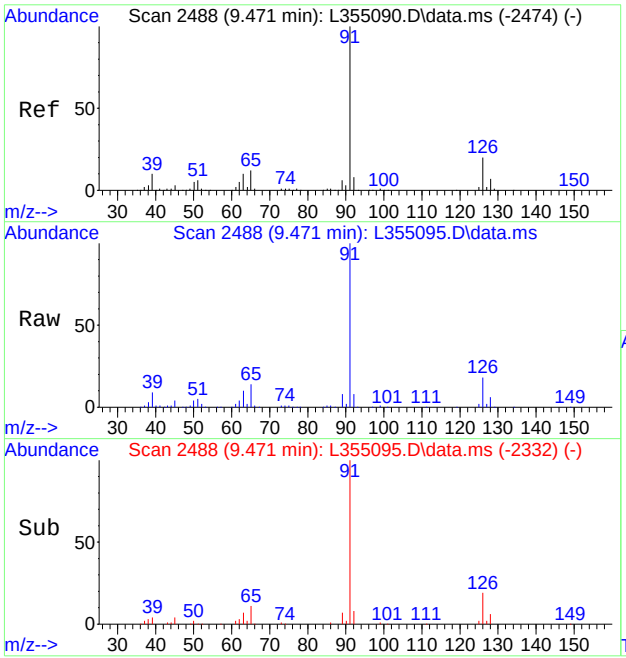


#120
hexachloroethane
Concen: 51.70 ug/L
RT: 9.985 min Scan# 2648
Delta R.T. 0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:119 Resp: 102391

Ion	Ratio	Lower	Upper
119	100		
117	99.5	71.9	131.9
201	83.8	47.2	107.2

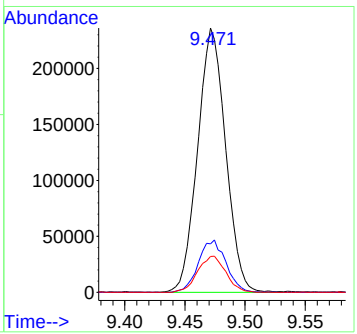


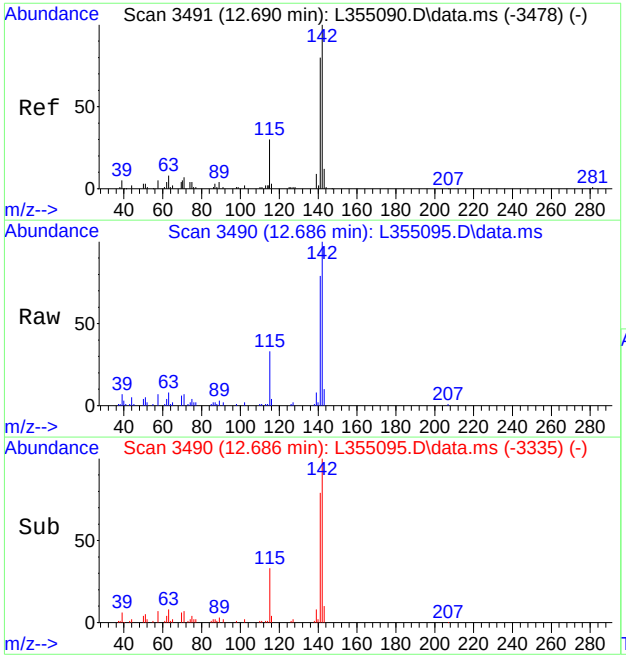


#121
benzyl chloride
Concen: 49.87 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. 0.000 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion: 91 Resp: 382649

Ion	Ratio	Lower	Upper
91	100		
126	18.4	0.0	50.3
65	13.6	0.0	42.2

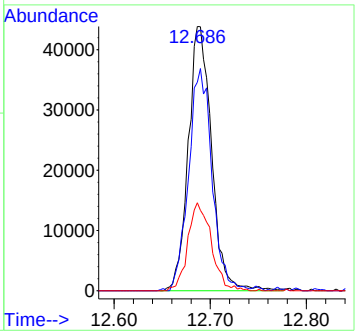




#122
2-methylnaphthalene
Concen: 24.19 ug/L
RT: 12.686 min Scan# 3490
Delta R.T. -0.004 min
Lab File: L355095.D
Acq: 29 Apr 2023 10:47 pm

Tgt Ion:142 Resp: 74061

Ion	Ratio	Lower	Upper
142	100		
141	78.4	59.9	99.9
115	33.3	10.4	50.4



7.7.50

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355096.D
Acq On : 29 Apr 2023 11:10 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 13:07:25 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

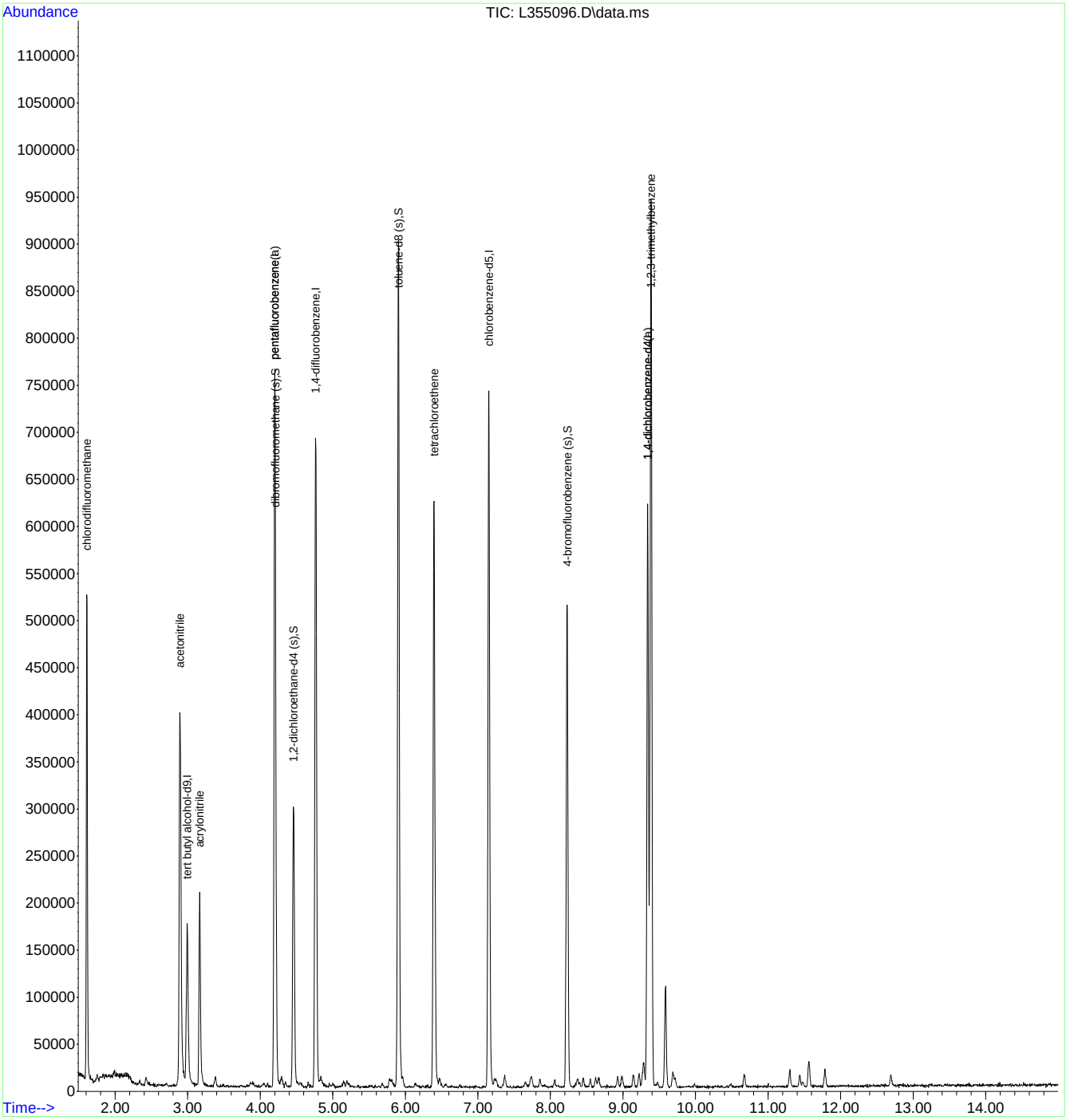
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.992	65	163912	500.00	ug/L	0.00
5) pentafluorobenzene	4.199	168	315223	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.763	114	450668	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	378124	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	156493	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.199	168	315223	50.00	ug/L	0.00
127) 1,4-dichlorobenzene-d4(a)	9.339	152	156493	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.212	113	132336	50.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.86%			
52) 1,2-dichloroethane-d4 (s)	4.459	65	165466	51.97	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 103.94%			
73) toluene-d8 (s)	5.906	98	520043	51.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.92%			
96) 4-bromofluorobenzene (s)	8.232	95	181670	49.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.36%			
Target Compounds						Qvalue
6) chlorodifluoromethane	1.609	51	435461	51.46	ug/L #	100
19) acetonitrile	2.893	40	199649	540.81	ug/L	98
33) acrylonitrile	3.165	53	127380	49.34	ug/L	95
79) tetrachloroethene	6.397	166	173830	49.83	ug/L	94
111) 1,2,3-trimethylbenzene	9.384	105	557844	50.64	ug/L	98

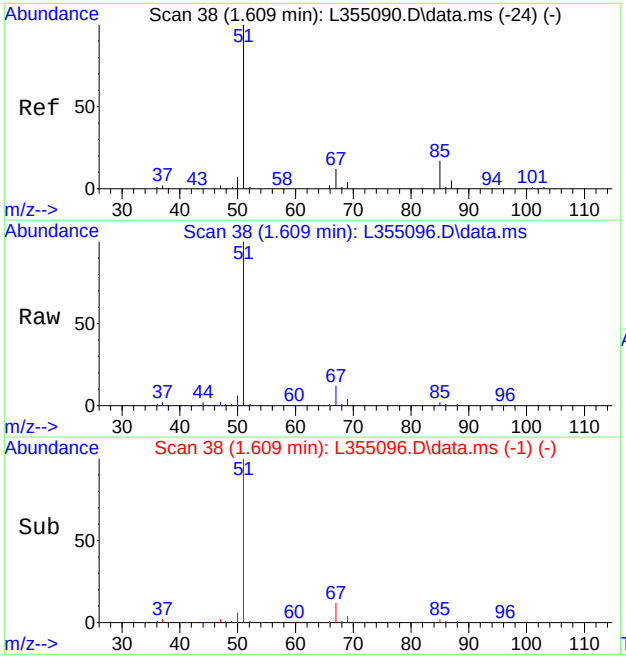
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\VL10779\
Data File : L355096.D
Acq On : 29 Apr 2023 11:10 pm
Operator : PrashanS
Sample : ICV10779-50
Misc : MS68466,VL10779,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 13:07:25 2023
Quant Method : C:\msdchem\1\METHODS\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 01 11:59:09 2023
Response via : Initial Calibration

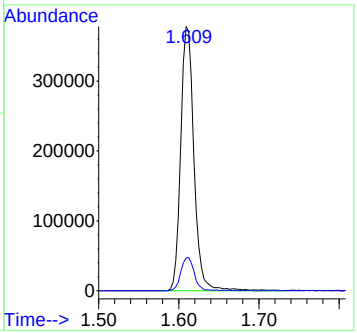


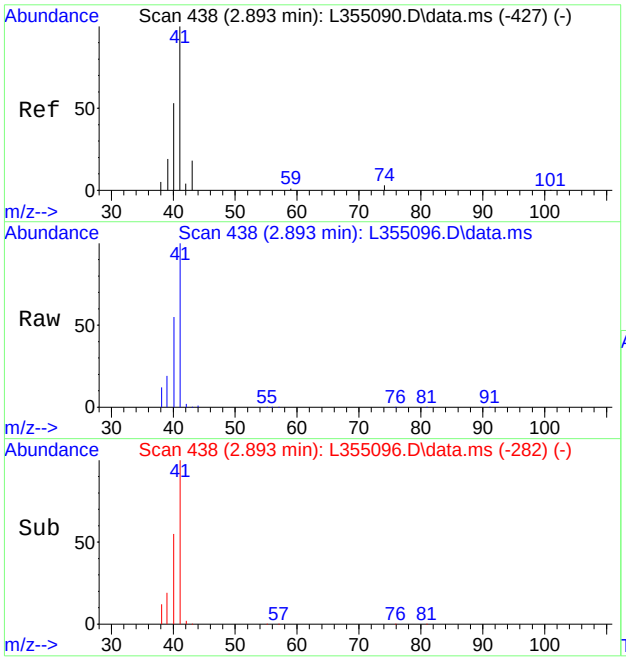


#6
chlorodifluoromethane
Concen: 51.46 ug/L
RT: 1.609 min Scan# 38
Delta R.T. 0.000 min
Lab File: L355096.D
Acq: 29 Apr 2023 11:10 pm

Tgt Ion: 51 Resp: 435461

Ion	Ratio	Lower	Upper
51	100		
67	12.4	12.4	12.4#

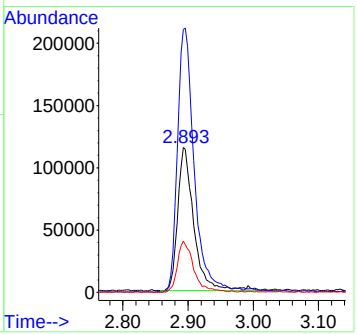


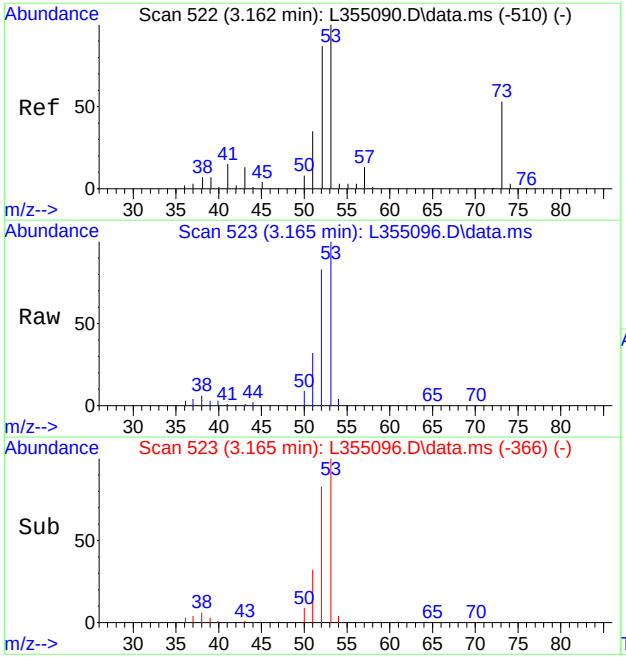


#19
acetonitrile
Concen: 540.81 ug/L
RT: 2.893 min Scan# 438
Delta R.T. -0.000 min
Lab File: L355096.D
Acq: 29 Apr 2023 11:10 pm

Tgt Ion: 40 Resp: 199649

Ion	Ratio	Lower	Upper
40	100		
41	183.2	156.9	216.9
39	35.8	5.5	65.5

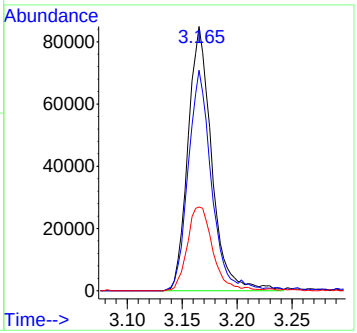


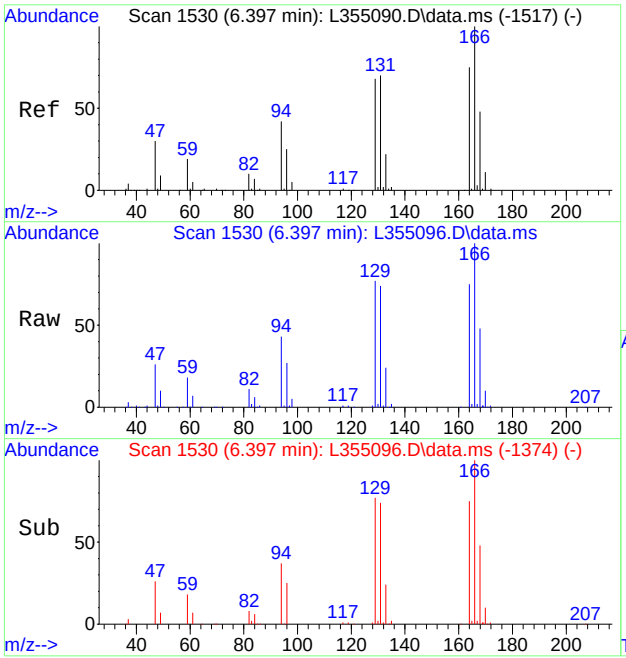


#33
acrylonitrile
Concen: 49.34 ug/L
RT: 3.165 min Scan# 523
Delta R.T. 0.003 min
Lab File: L355096.D
Acq: 29 Apr 2023 11:10 pm

Tgt Ion: 53 Resp: 127380

Ion	Ratio	Lower	Upper
53	100		
52	83.4	57.3	117.3
51	31.7	5.3	65.3

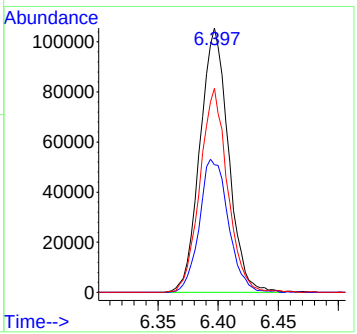


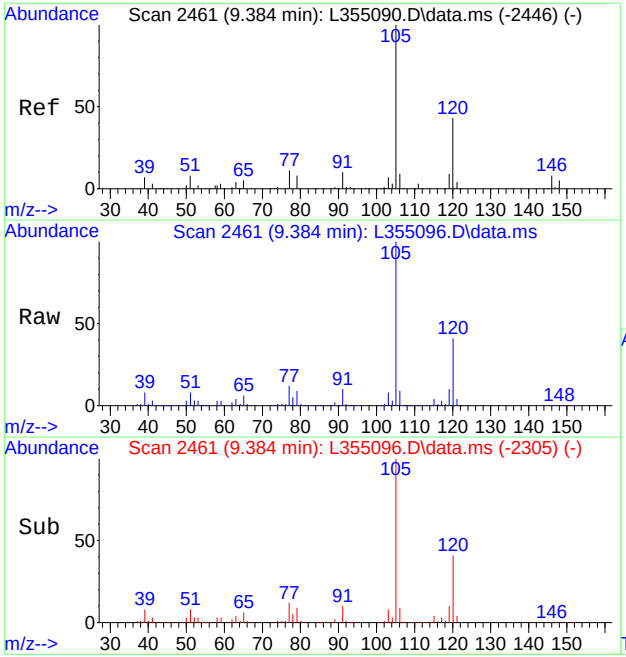


#79
tetrachloroethene
Concen: 49.83 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355096.D
Acq: 29 Apr 2023 11:10 pm

Tgt Ion:166 Resp: 173830

Ion	Ratio	Lower	Upper
166	100		
168	48.2	18.3	78.3
129	77.1	38.5	98.5

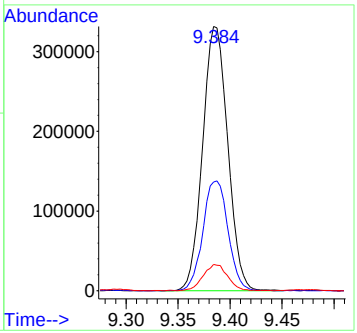




#111
1,2,3-trimethylbenzene
Concen: 50.64 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355096.D
Acq: 29 Apr 2023 11:10 pm

Tgt Ion:105 Resp: 557844

Ion	Ratio	Lower	Upper
105	100		
120	41.2	13.0	73.0
91	9.9	0.0	39.8



Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355919.d
Acq On : 22 May 2023 9:07 am
Operator : louied
Sample : cc10779-20 Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 09:59:13 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	2.995	65	180051	500.00	ug/L	0.00
5) pentafluorobenzene	4.202	168	259960	50.00	ug/L	0.00
51) 1,4-difluorobenzene	4.767	114	384177	50.00	ug/L	0.00
72) chlorobenzene-d5	7.151	117	344006	50.00	ug/L	0.00
95) 1,4-dichlorobenzene-d4	9.339	152	132782	50.00	ug/L	0.00
123) pentafluorobenzene(a)	4.202	168	259960	50.00	ug/L	0.00
128) 1,4-dichlorobenzene-d4(a)	9.339	152	132782	50.00	ug/L	0.00
System Monitoring Compounds						
43) dibromofluoromethane (s)	4.212	113	113207	52.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.64%			
52) 1,2-dichloroethane-d4 (s)	4.462	65	138145	50.89	ug/L	0.00
Spiked Amount 50.000	Range 81 - 124		Recovery = 101.78%			
73) toluene-d8 (s)	5.906	98	460704	50.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.20%			
96) 4-bromofluorobenzene (s)	8.229	95	166091	53.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.06%			
Target Compounds						Qvalue
2) 1,4-dioxane	5.203	88	6363	507.4033	ug/L	81
3) ethanol	2.428	45	50864	1775.4578	ug/L	95
4) tertiary butyl alcohol	3.047	59	56430	92.1223	ug/L	96
6) chlorodifluoromethane	1.612	51	105755	15.1528	ug/L #	100
7) dichlorodifluoromethane	1.596	85	106677	20.3437	ug/L	97
8) chloromethane	1.750	50	104181	18.1951	ug/L	97
9) vinyl chloride	1.834	62	98104	22.0683	ug/L	98
10) 1,3-butadiene	1.863	54	84538	17.3793	ug/L	97
11) bromomethane	2.087	96	33390	19.5190	ug/L	100
12) chloroethane	2.161	64	49153	21.5595	ug/L	93
13) trichlorofluoromethane	2.341	101	99078	21.1744	ug/L	98
14) ethyl ether	2.521	74	41064	19.9150	ug/L	88
15) acrolein	2.620	56	22537	22.0013	ug/L	95
16) freon 113	2.694	151	46897	18.7117	ug/L	89
17) 1,1-dichloroethene	2.700	96	46512	19.1948	ug/L	99
18) acetone	2.710	58	46201	87.9288	ug/L	87
19) acetonitrile	2.896	40	63648	209.0607	ug/L	95
20) iodomethane	2.809	142	36164	13.8013	ug/L	98
21) iso-butyl alcohol	4.353	43	42565	217.3583	ug/L	98
22) carbon disulfide	2.870	76	183970	18.1080	ug/L	96
23) methylene chloride	3.021	84	58339	19.5192	ug/L #	82
24) methyl acetate	2.915	74	17416	23.3611	ug/L #	71
25) methyl tert butyl ether	3.188	73	196099	20.2443	ug/L	97
26) trans-1,2-dichloroethene	3.207	96	53213	19.0561	ug/L	98
27) hexane	3.381	57	116108	16.0342	ug/L	97
28) di-isopropyl ether	3.490	45	242885	16.7225	ug/L	93
29) ethyl tert-butyl ether	3.734	59	224878	18.3629	ug/L	94
30) 2-butanone	3.855	72	49895	95.8202	ug/L #	81
31) 1,1-dichloroethane	3.496	63	111960	17.8400	ug/L	95
32) chloroprene	3.551	53	104991	16.1779	ug/L	90
33) acrylonitrile	3.166	53	40386	18.9692	ug/L	98
34) vinyl acetate	3.474	86	16884	23.7530	ug/L #	70
35) ethyl acetate	3.862	45	16769	18.4607	ug/L	91
36) 2,2-dichloropropane	3.894	77	85138	18.3493	ug/L	99
37) cis-1,2-dichloroethene	3.881	96	59508	19.8057	ug/L	96
38) propionitrile	3.900	54	131782	192.3209	ug/L	90
39) methyl acrylate	3.907	85	12735	22.2059	ug/L #	79
40) bromochloromethane	4.045	128	26430	19.4122	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355919.d
Acq On : 22 May 2023 9:07 am
Operator : louied
Sample : cc10779-20 Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 09:59:13 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) tetrahydrofuran	4.054	72	13512	22.3949	ug/L	#	76
42) chloroform	4.103	83	103227	19.0222	ug/L		92
44) methacrylonitrile	4.010	67	37019	20.7666	ug/L		84
45) 1,1,1-trichloroethane	4.241	97	78670	19.0098	ug/L		96
46) cyclohexane	4.302	84	89199	19.6219	ug/L		94
47) 1,1-dichloropropene	4.346	75	74781	18.5668	ug/L		98
48) carbon tetrachloride	4.353	117	64496	17.6435	ug/L		94
49) isopropyl acetate	4.468	87	17986	21.2991	ug/L	#	66
50) tert amyl alcohol	4.443	55	19754	106.7904	ug/L		96
53) tert-amyl methyl ether	4.555	73	180513	18.5831	ug/L		93
54) 2,2,4-trimethylpentane	4.555	57	184727	14.7569	ug/L		97
55) n-butyl alcohol	4.828	56	100134	1129.3155	ug/L		98
56) benzene	4.494	78	220593	18.0776	ug/L		99
57) heptane	4.667	57	43150	14.6778	ug/L		91
58) 1,2-dichloroethane	4.520	62	78248	17.3408	ug/L		98
59) trichloroethene	4.959	95	57412	17.7909	ug/L		95
60) ethyl acrylate	4.979	55	114741	17.2578	ug/L		97
61) 2-nitropropane	5.505	41	28024	17.4298	ug/L		93
62) 2-chloroethyl vinyl ether	5.540	63	147913	95.5321	ug/L		97
63) methyl methacrylate	5.158	100	19575	19.8211	ug/L	#	65
64) 1,2-dichloropropane	5.155	63	67673	17.3509	ug/L		92
65) methylcyclohexane	5.149	83	102735	17.4582	ug/L		86
66) dibromomethane	5.226	93	35228	18.4884	ug/L		89
67) bromodichloromethane	5.344	83	80244	17.7366	ug/L		97
68) cis-1,3-dichloropropene	5.685	75	106043	18.2663	ug/L		91
69) epichlorohydrin	5.591	57	45849	88.4425	ug/L		97
70) 4-methyl-2-pentanone	5.778	58	161633	75.5137	ug/L		96
71) 3-methyl-1-butanol	5.803	70	41722	452.0292	ug/L	#	76
74) toluene	5.964	92	137649	18.1098	ug/L		96
75) trans-1,3-dichloropropene	6.137	75	96509	17.8613	ug/L		93
76) ethyl methacrylate	6.153	69	92271	18.6696	ug/L		92
77) 1,1,2-trichloroethane	6.307	83	49576	18.4626	ug/L		99
78) 2-hexanone	6.468	58	160587	72.1380	ug/L		92
79) tetrachloroethene	6.397	166	54133	17.0553	ug/L		94
80) 1,3-dichloropropane	6.451	76	96721	18.4223	ug/L		95
81) butyl acetate	6.554	56	63368	17.7859	ug/L		96
82) dibromochloromethane	6.638	129	56384	17.5133	ug/L		90
83) 1,2-dibromoethane	6.753	107	57297	18.0358	ug/L		97
84) n-butyl ether	7.225	57	272302	17.0719	ug/L		95
85) chlorobenzene	7.180	112	142035	17.8987	ug/L		99
86) 1,1,1,2-tetrachloroethane	7.250	131	48246	17.5189	ug/L		98
87) ethylbenzene	7.254	91	245319	18.3065	ug/L		98
88) m,p-xylene	7.366	106	192803	35.3901	ug/L		100
89) o-xylene	7.722	106	98592	17.6685	ug/L		95
90) butyl acrylate	7.645	55	153887	16.4598	ug/L		96
91) styrene	7.738	104	157452	17.9848	ug/L		99
92) bromoform	7.915	173	41025	17.3011	ug/L		93
93) isopropylbenzene	8.059	105	239723	17.2533	ug/L		97
94) cis-1,4-dichloro-2-butene	8.110	88	29065	18.8021	ug/L		93
97) bromobenzene	8.370	156	53081	18.3555	ug/L		88
98) 1,1,2,2-tetrachloroethane	8.345	83	85538	20.3243	ug/L		99
99) trans-1,4-dichloro-2-b...	8.380	53	22911	16.9499	ug/L		96
100) 1,2,3-trichloropropane	8.406	110	22433	19.9365	ug/L		97
101) n-propylbenzene	8.451	91	268864	18.4099	ug/L		99
102) 2-chlorotoluene	8.547	126	50744	17.8615	ug/L	#	83
103) 4-chlorotoluene	8.662	126	52218	18.9722	ug/L		92
104) 1,3,5-trimethylbenzene	8.621	105	185744	18.0447	ug/L		98
105) tert-butylbenzene	8.926	119	155444	18.0784	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355919.d
Acq On : 22 May 2023 9:07 am
Operator : louied
Sample : cc10779-20 Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 09:59:13 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

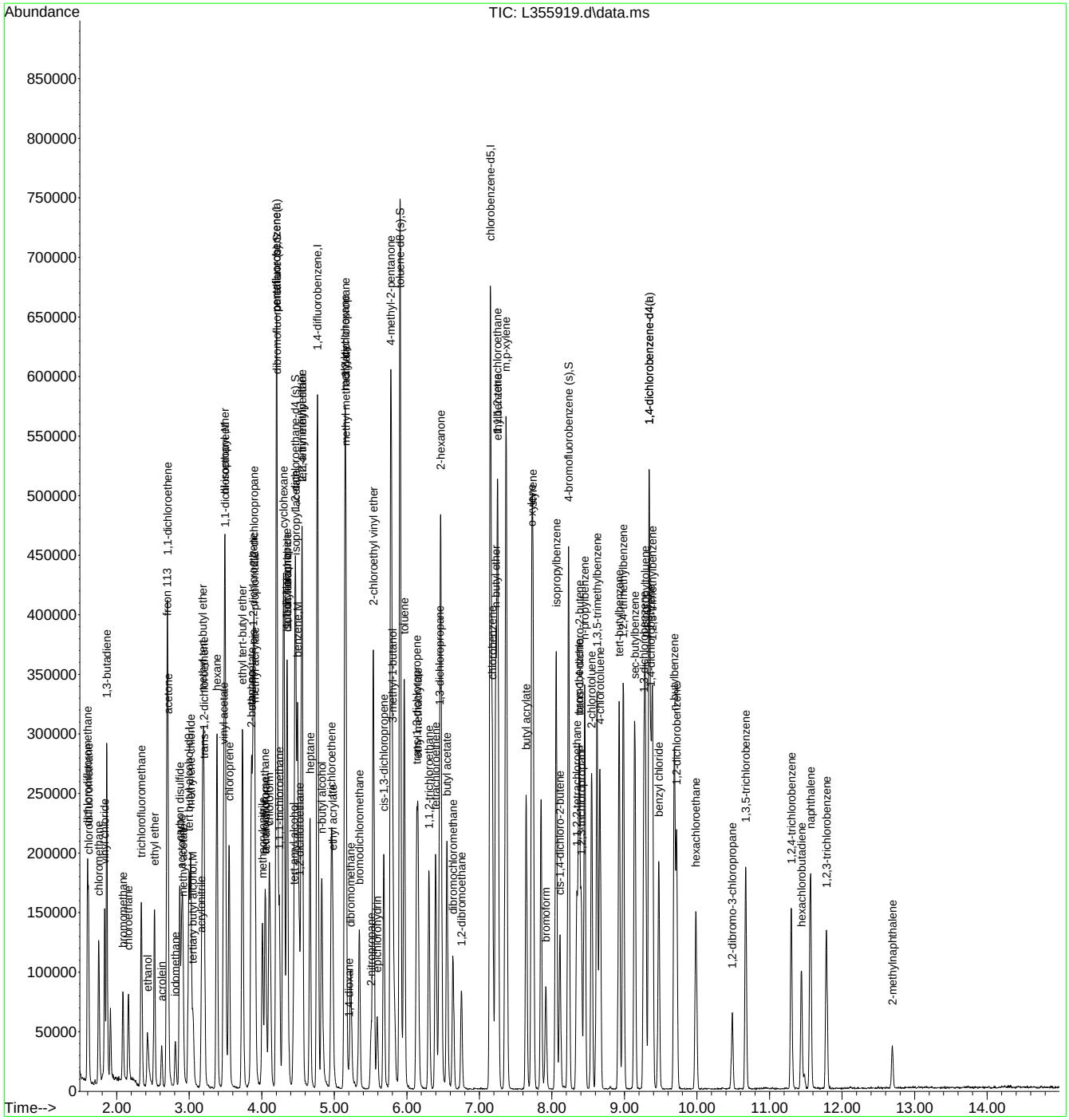
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) 1,2,4-trimethylbenzene	8.983	105	190029	18.4705	ug/L	98
107) sec-butylbenzene	9.144	105	231517	18.4346	ug/L	98
108) 1,3-dichlorobenzene	9.269	146	95562	19.0465	ug/L	99
109) p-isopropyltoluene	9.288	119	178433	18.4574	ug/L	97
110) 1,4-dichlorobenzene	9.365	146	85870	18.8476	ug/L	96
111) 1,2,3-trimethylbenzene	9.384	105	171019	18.2989	ug/L	99
112) 1,2-dichlorobenzene	9.718	146	88030	18.9881	ug/L	99
113) n-butylbenzene	9.686	92	90814	18.8037	ug/L	98
114) 1,2-dibromo-3-chloropr...	10.485	157	17494	19.3657	ug/L	98
115) 1,3,5-trichlorobenzene	10.671	180	61795	19.9038	ug/L	92
116) 1,2,4-trichlorobenzene	11.303	180	50032	19.8005	ug/L	87
117) hexachlorobutadiene	11.441	225	21104	18.0274	ug/L	98
118) naphthalene	11.566	128	146567	21.1838	ug/L	100
119) 1,2,3-trichlorobenzene	11.788	180	43289	20.0169	ug/L	82
120) hexachloroethane	9.984	119	32188	17.2988	ug/L	99
121) benzyl chloride	9.471	91	142501	19.7659	ug/L	97
122) 2-methylnaphthalene	12.696	142	18528	9.2629	ug/L	95

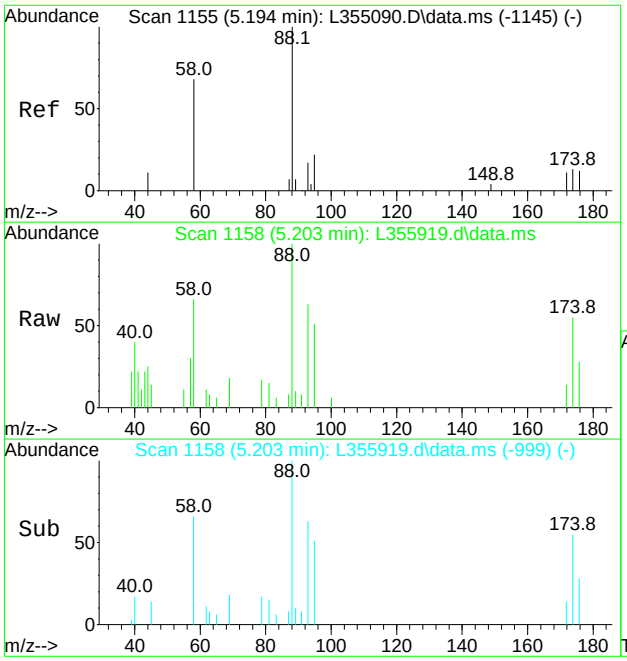
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton VOA GCMS\lotusa\May-2023\5-23\vl10808\
Data File : L355919.d
Acq On : 22 May 2023 9:07 am
Operator : louied
Sample : cc10779-20 Inst : GCMS-L
Misc : MS69370,VL10808,5,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 09:59:13 2023
Quant Method : C:\msdchem\1\methods\ML10779.M
Quant Title : SW846 Method V8260C/D, column ZB-624 60m x 0.25mm x 1.4 um
QLast Update : Mon May 08 10:50:35 2023
Response via : Initial Calibration

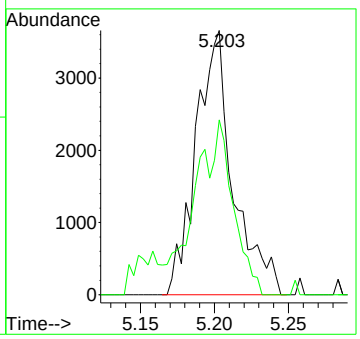


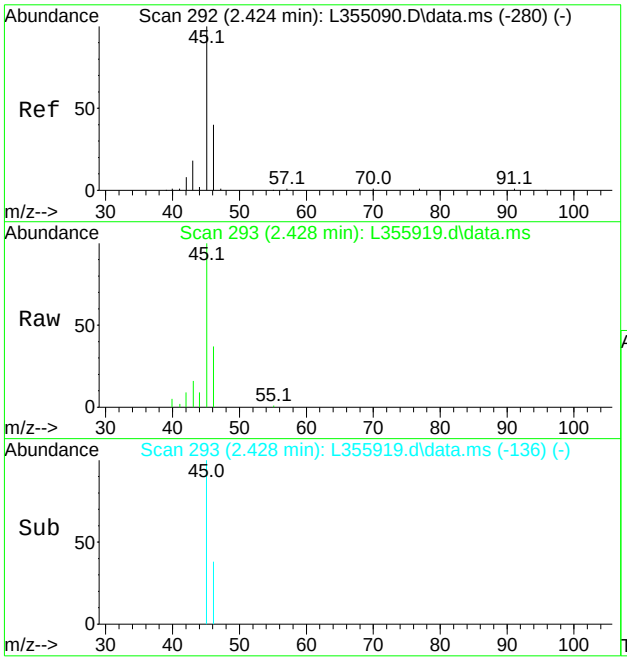


#2
1,4-dioxane
Concen: 507.4033 ug/L
RT: 5.203 min Scan# 1158
Delta R.T. 0.009 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 88 Resp: 6363

Ion	Ratio	Lower	Upper
88	100		
58	66.1	53.2	113.2

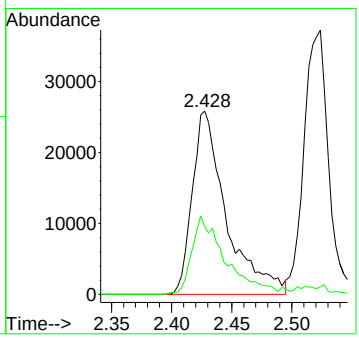


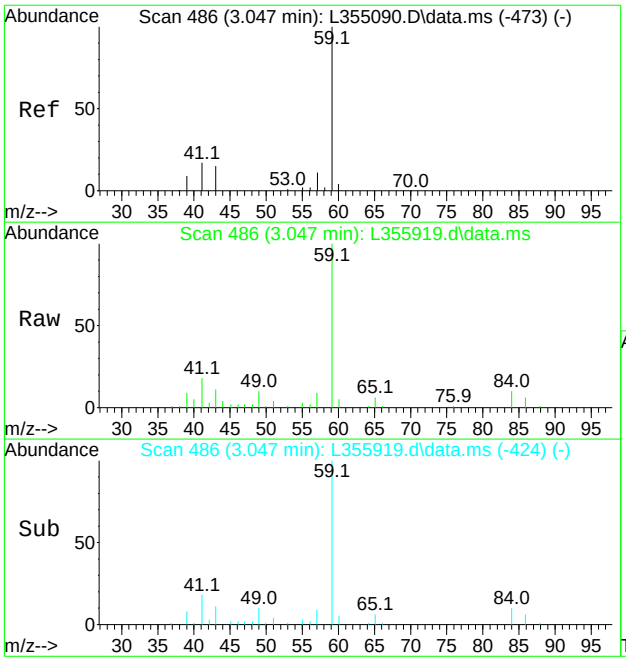


#3
ethanol
Concen: 1775.4578 ug/L
RT: 2.428 min Scan# 293
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 45 Resp: 50864

Ion	Ratio	Lower	Upper
45	100		
46	37.0	20.0	60.0

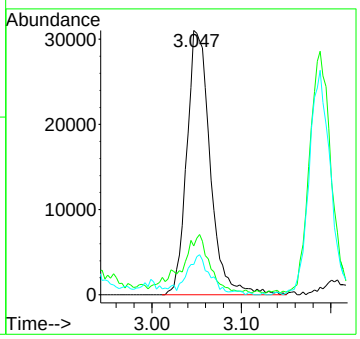


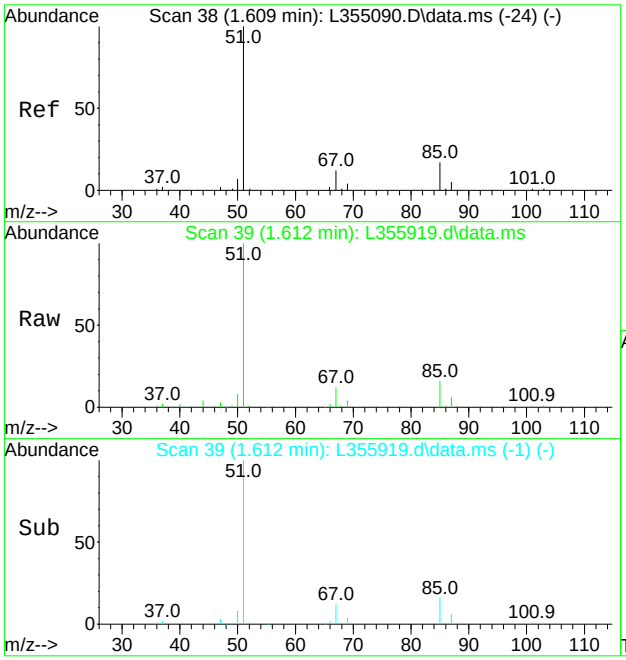


#4
tertiary butyl alcohol
Concen: 92.1223 ug/L
RT: 3.047 min Scan# 486
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 59 Resp: 56430

Ion	Ratio	Lower	Upper
59	100		
41	17.4	0.0	47.4
43	10.8	0.0	44.8

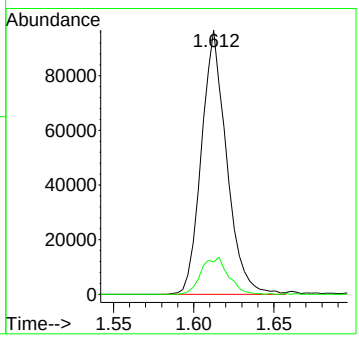


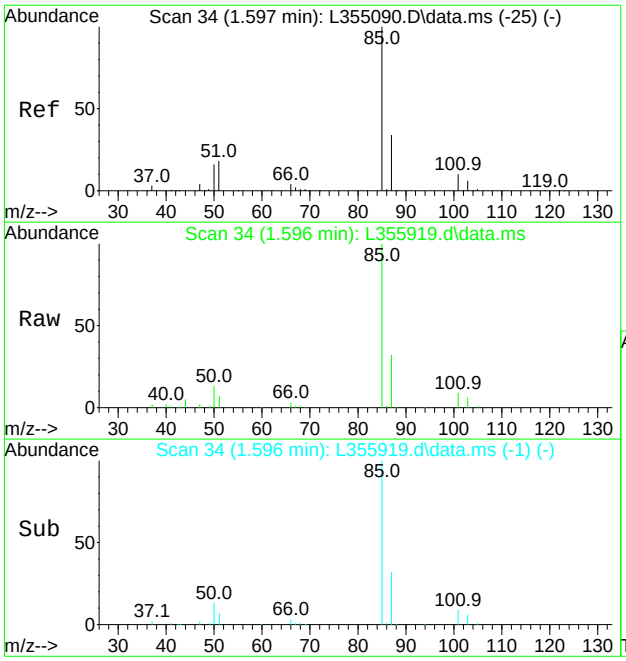


#6
chlorodifluoromethane
Concen: 15.1528 ug/L
RT: 1.612 min Scan# 39
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 51 Resp: 105755

Ion	Ratio	Lower	Upper
51	100		
67	12.2	12.4	12.4#

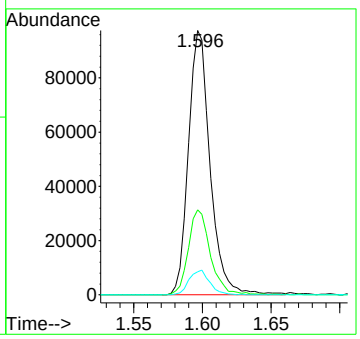


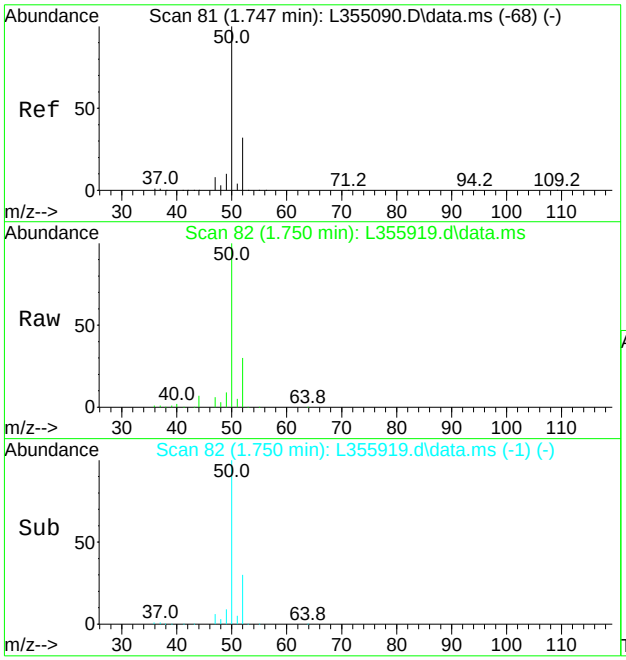


#7
dichlorodifluoromethane
Concen: 20.3437 ug/L
RT: 1.596 min Scan# 34
Delta R.T. -0.001 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 85 Resp: 106677

Ion	Ratio	Lower	Upper
85	100		
87	32.1	3.9	63.9
101	8.7	0.0	39.7

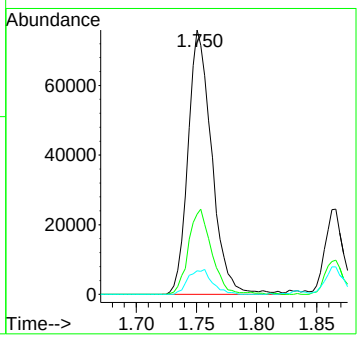


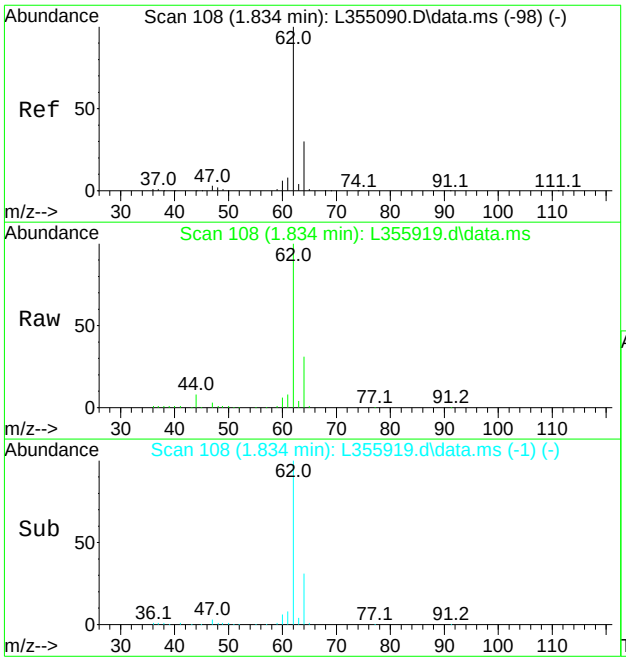


#8
chloromethane
Concen: 18.1951 ug/L
RT: 1.750 min Scan# 82
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 50 Resp: 104181

Ion	Ratio	Lower	Upper
50	100		
52	30.4	1.7	61.7
49	8.9	0.0	40.1

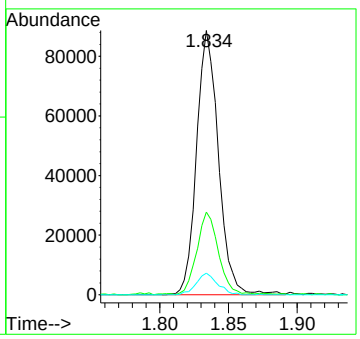


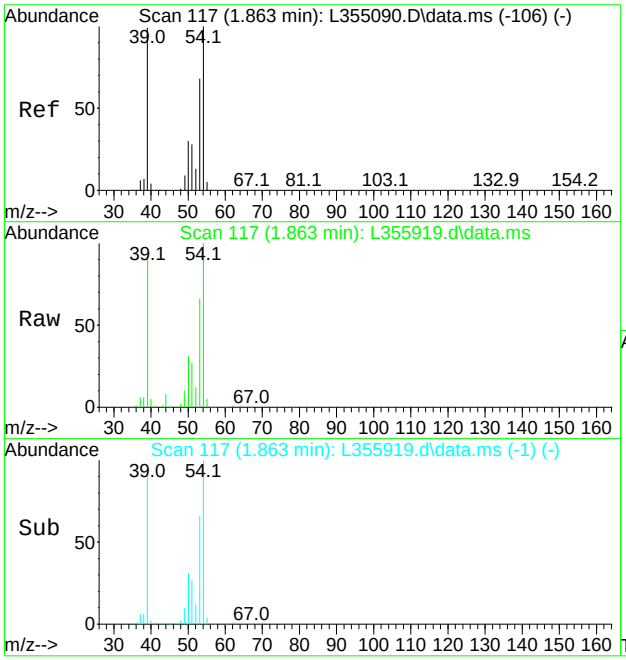


#9
vinyl chloride
Concen: 22.0683 ug/L
RT: 1.834 min Scan# 108
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 62 Resp: 98104

Ion	Ratio	Lower	Upper
62	100		
64	30.9	0.0	60.0
61	8.2	0.0	37.5

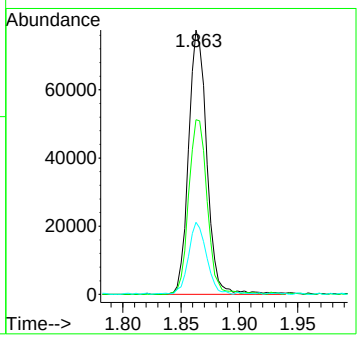


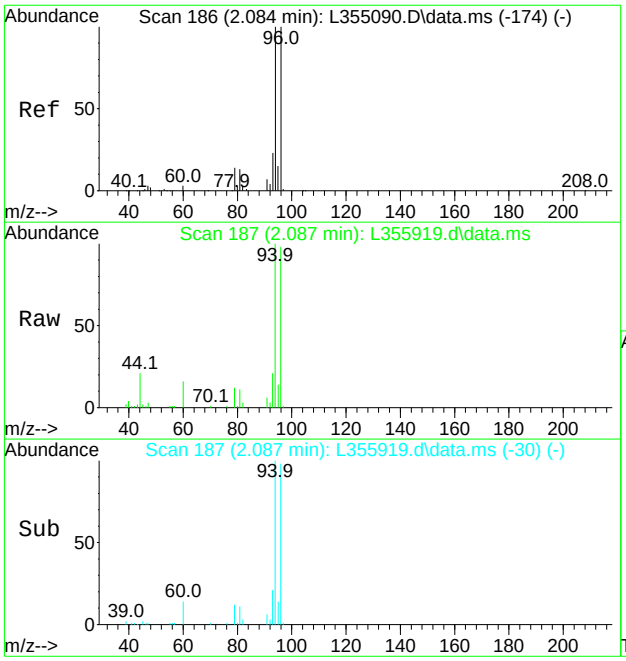


#10
1,3-butadiene
Concen: 17.3793 ug/L
RT: 1.863 min Scan# 117
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 54 Resp: 84538

Ion	Ratio	Lower	Upper
54	100		
53	66.1	38.4	98.4
51	26.9	0.0	57.9

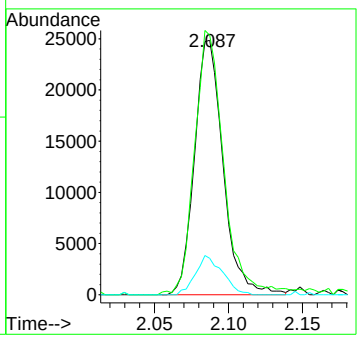


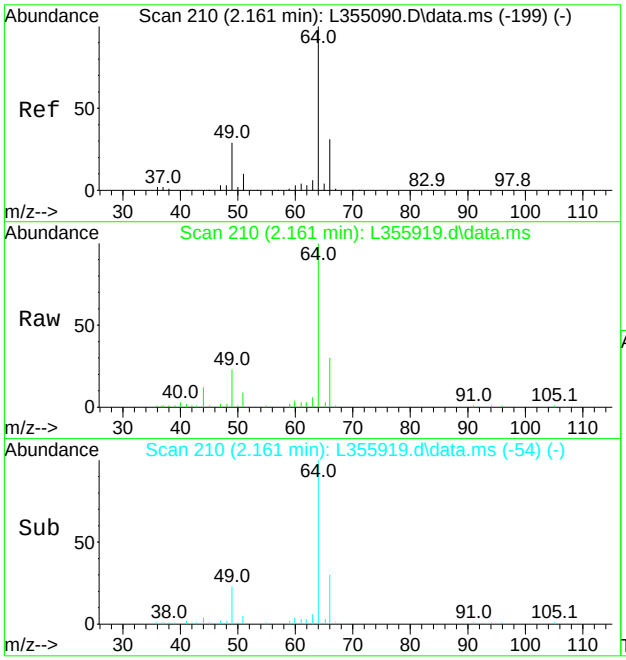


#11
bromomethane
Concen: 19.5190 ug/L
RT: 2.087 min Scan# 187
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 96 Resp: 33390

Ion	Ratio	Lower	Upper
96	100		
94	100.8	70.4	130.4
95	14.3	0.0	44.4

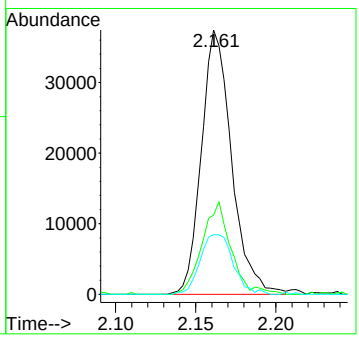


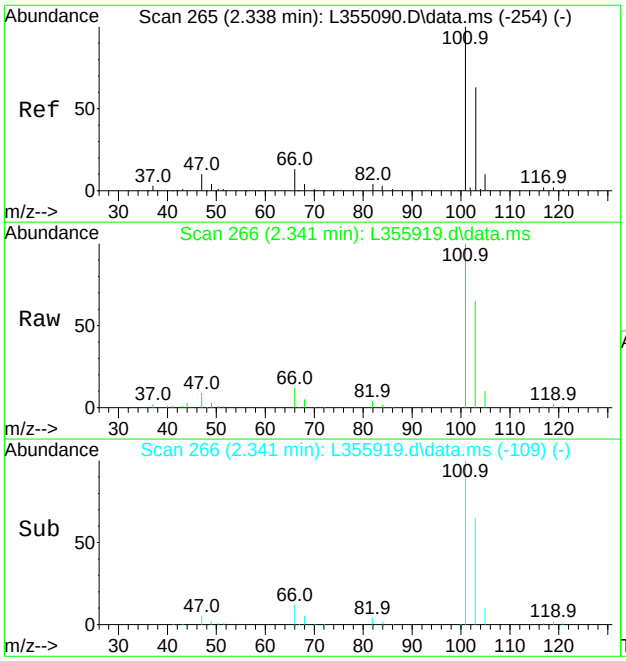


#12
chloroethane
Concen: 21.5595 ug/L
RT: 2.161 min Scan# 210
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 64 Resp: 49153

Ion	Ratio	Lower	Upper
64	100		
66	30.0	1.3	61.3
49	22.6	0.0	58.9

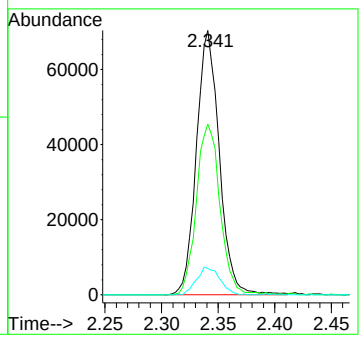


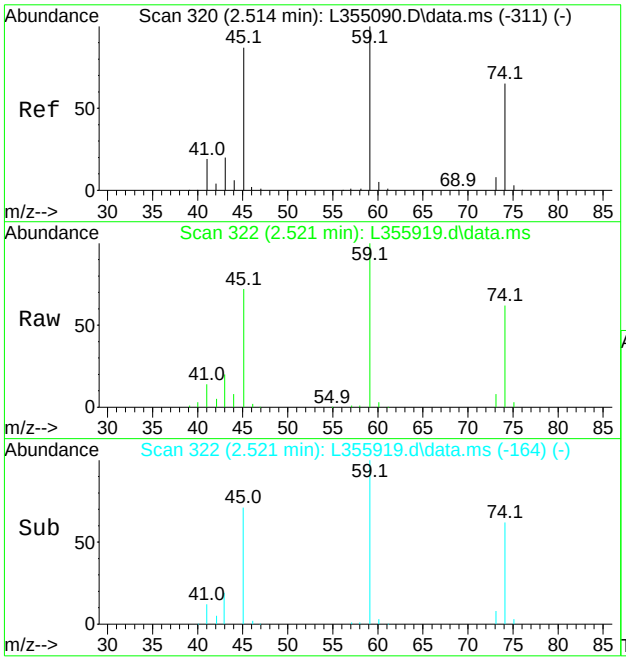


#13
trichlorofluoromethane
Concen: 21.1744 ug/L
RT: 2.341 min Scan# 266
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:101 Resp: 99078

Ion	Ratio	Lower	Upper
101	100		
103	64.5	32.9	92.9
105	10.0	0.0	40.4

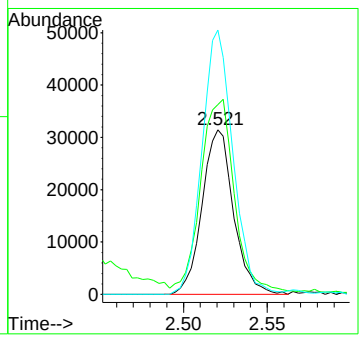


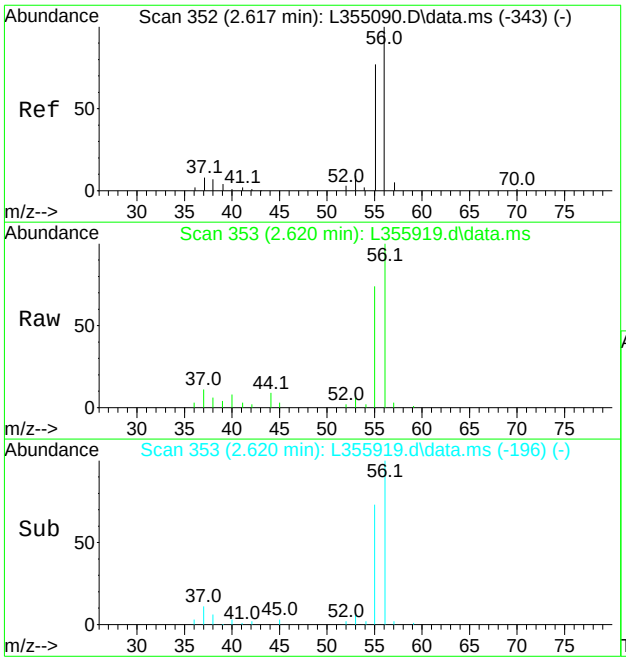


#14
ethyl ether
Concen: 19.9150 ug/L
RT: 2.521 min Scan# 322
Delta R.T. 0.007 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 74 Resp: 41064

Ion	Ratio	Lower	Upper
74	100		
45	113.0	108.0	168.0
59	160.6	124.3	184.3

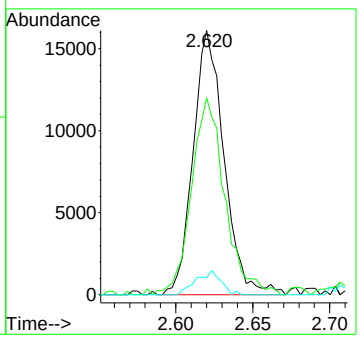


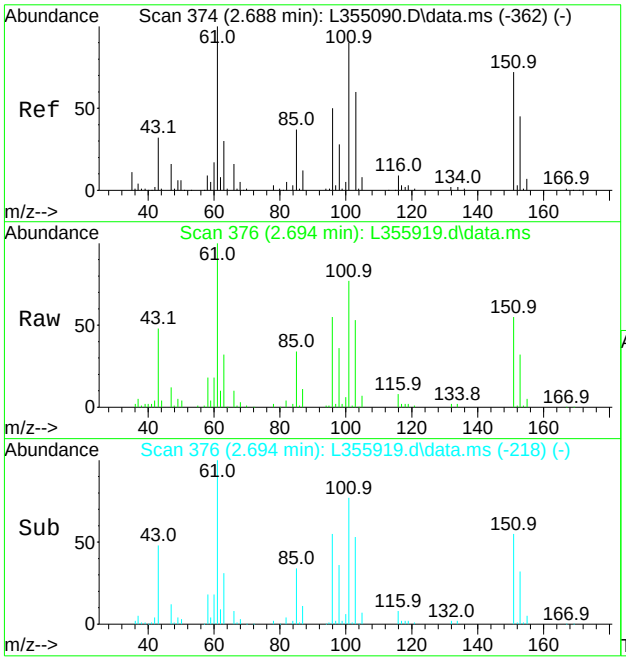


#15
acrolein
Concen: 22.0013 ug/L
RT: 2.620 min Scan# 353
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 56 Resp: 22537

Ion	Ratio	Lower	Upper
56	100		
55	74.5	48.6	108.6
53	6.4	0.0	38.7

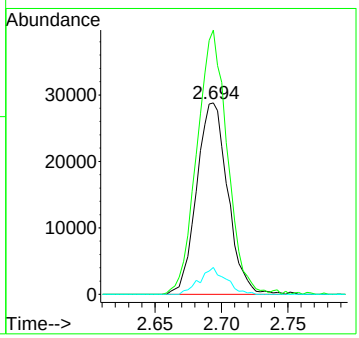


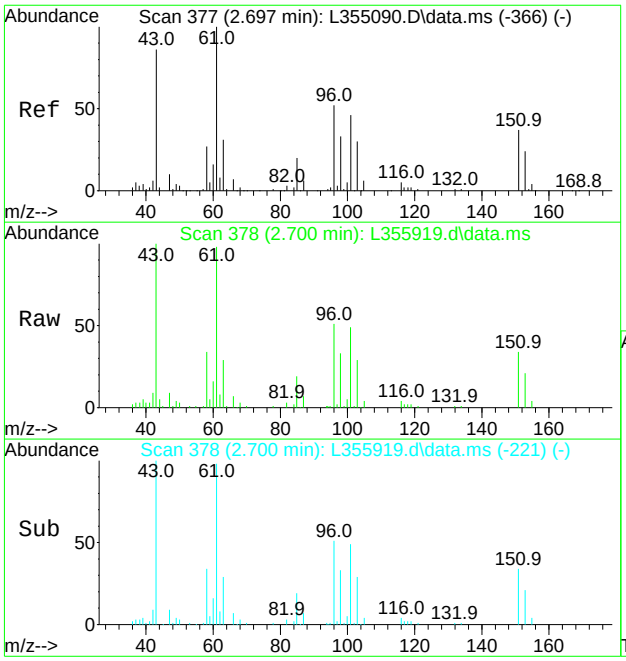


#16
freon 113
Concen: 18.7117 ug/L
RT: 2.694 min Scan# 376
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:151 Resp: 46897

Ion	Ratio	Lower	Upper
151	100		
101	138.2	105.0	145.0
116	14.1	0.0	31.9

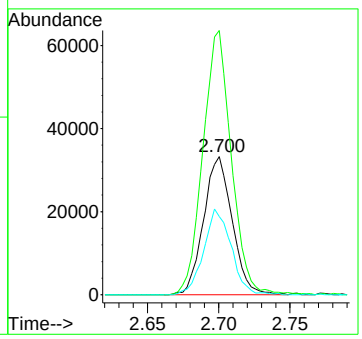


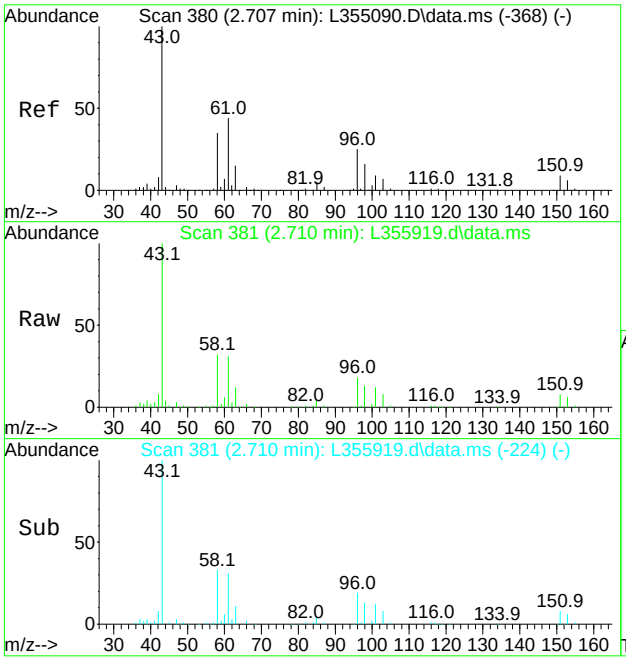


#17
1,1-dichloroethene
Concen: 19.1948 ug/L
RT: 2.700 min Scan# 378
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 96 Resp: 46512

Ion	Ratio	Lower	Upper
96	100		
61	191.5	160.9	220.9
63	56.7	29.9	89.9

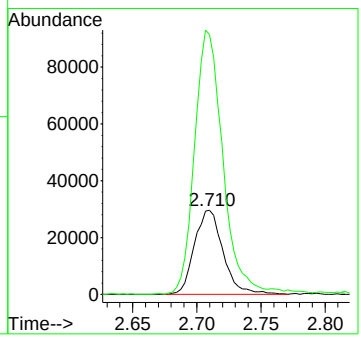


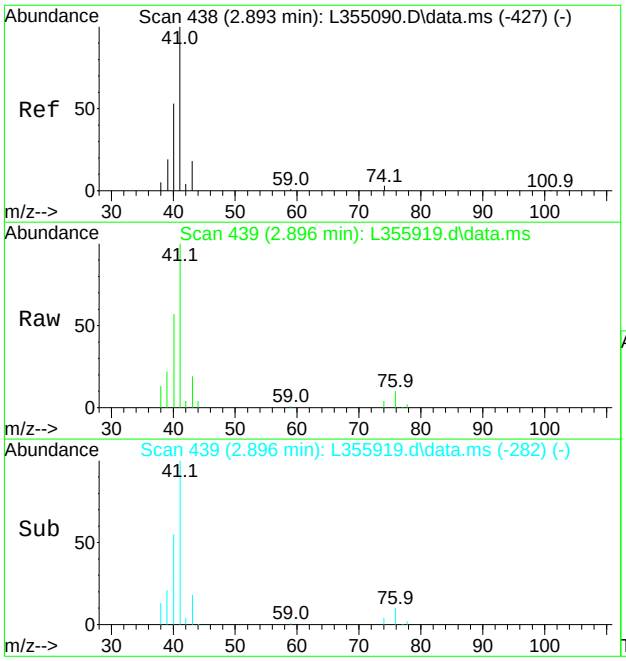


#18
acetone
Concen: 87.9288 ug/L
RT: 2.710 min Scan# 381
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 58 Resp: 46201

Ion	Ratio	Lower	Upper
58	100		
43	308.7	253.7	313.7

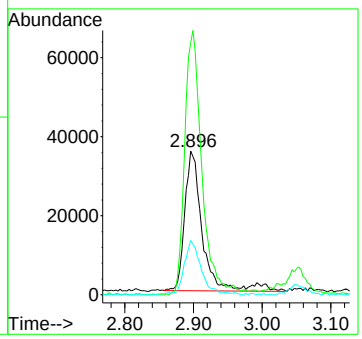


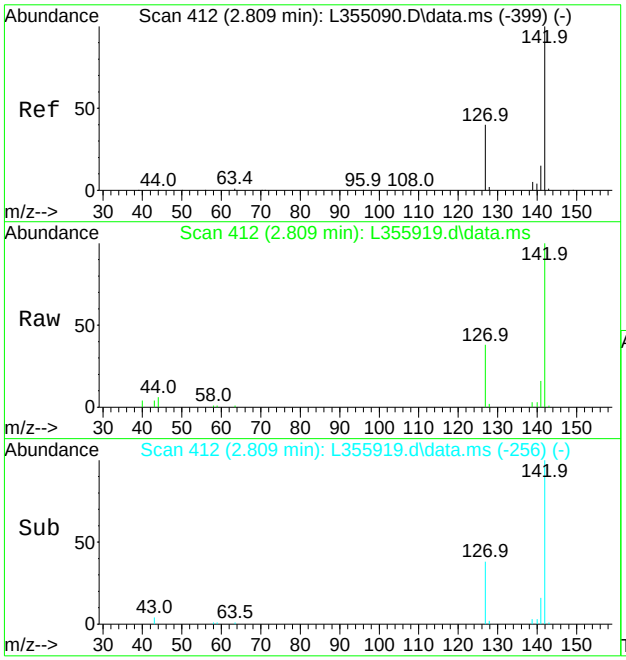


#19
acetonitrile
Concen: 209.0607 ug/L
RT: 2.896 min Scan# 439
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 40 Resp: 63648

Ion	Ratio	Lower	Upper
40	100		
41	180.3	156.9	216.9
39	38.0	5.5	65.5

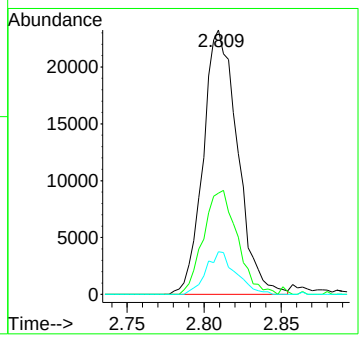


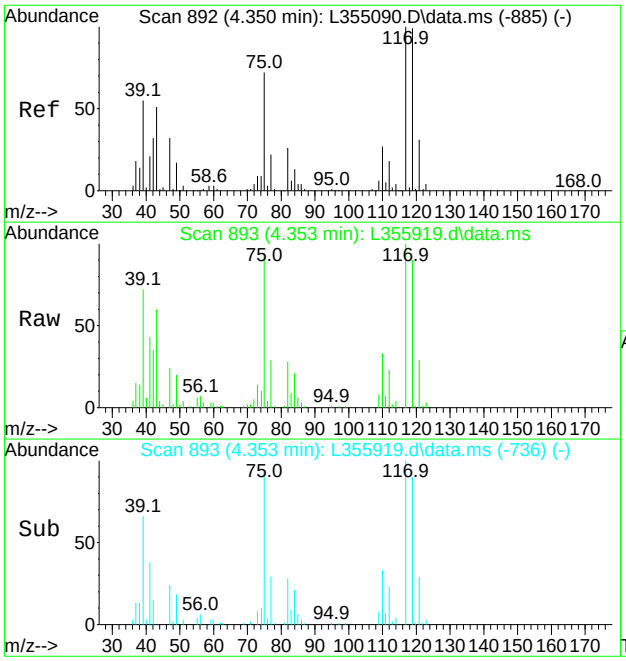


#20
iodomethane
Concen: 13.8013 ug/L
RT: 2.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:142 Resp: 36164

Ion	Ratio	Lower	Upper
142	100		
127	38.2	9.8	69.8
141	16.1	0.0	45.4

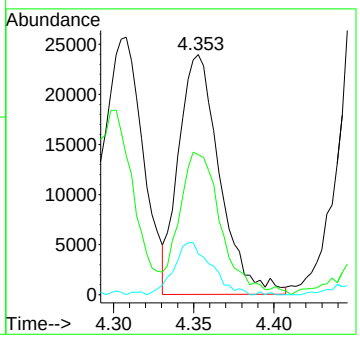


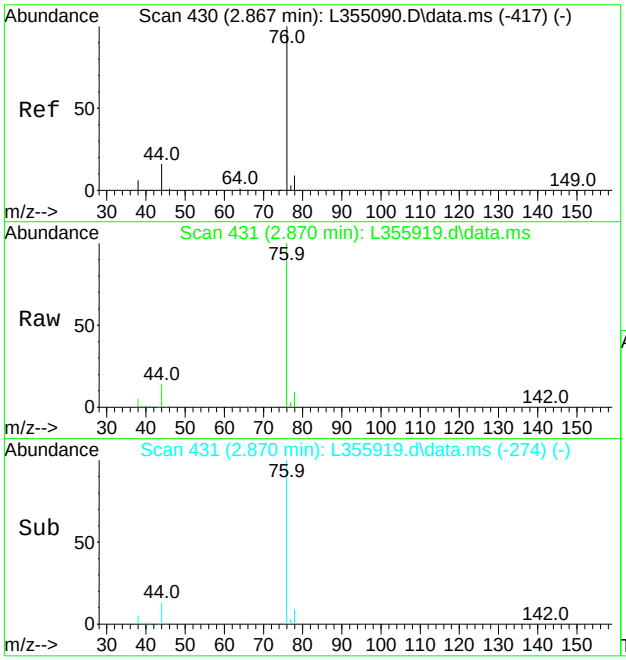


#21
iso-butyl alcohol
Concen: 217.3583 ug/L
RT: 4.353 min Scan# 893
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 43 Resp: 42565

Ion	Ratio	Lower	Upper
43	100		
42	58.4	26.5	86.5
74	17.6	0.0	48.2

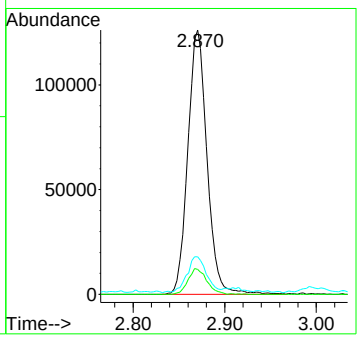


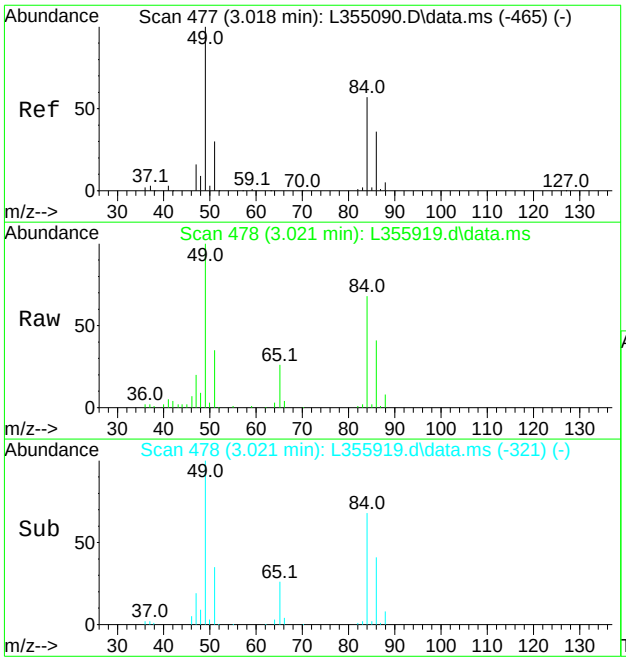


#22
carbon disulfide
Concen: 18.1080 ug/L
RT: 2.870 min Scan# 431
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 76 Resp: 183970

Ion	Ratio	Lower	Upper
76	100		
78	9.4	0.0	39.1
44	13.6	0.0	45.8

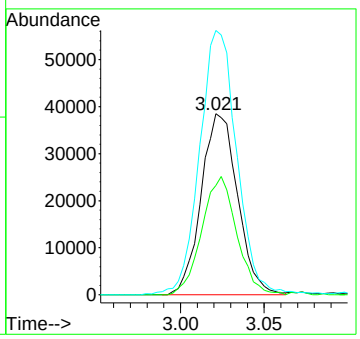


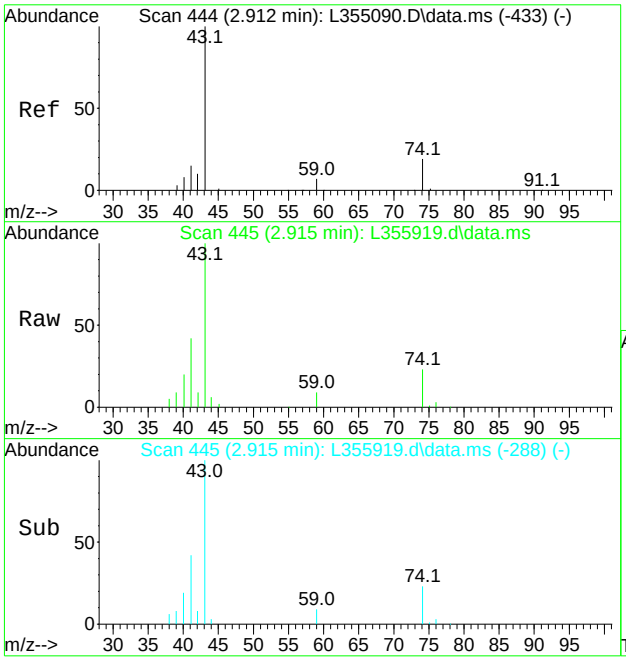


#23
methylene chloride
Concen: 19.5192 ug/L
RT: 3.021 min Scan# 478
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 84 Resp: 58339

Ion	Ratio	Lower	Upper
84	100		
86	60.3	33.9	93.9
49	144.3	146.7	206.7#

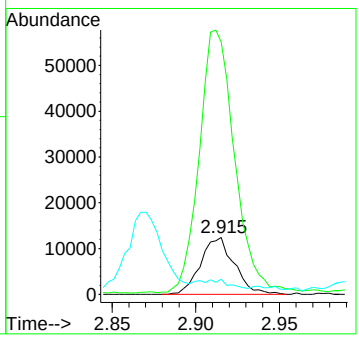


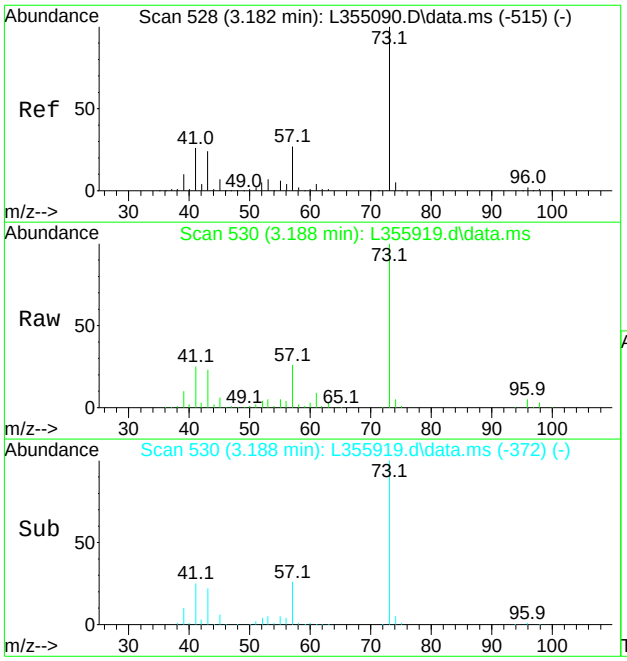


#24
methyl acetate
Concen: 23.3611 ug/L
RT: 2.915 min Scan# 445
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 74 Resp: 17416

Ion	Ratio	Lower	Upper
74	100		
43	439.1	495.9	555.9#
44	17.9	0.0	47.9

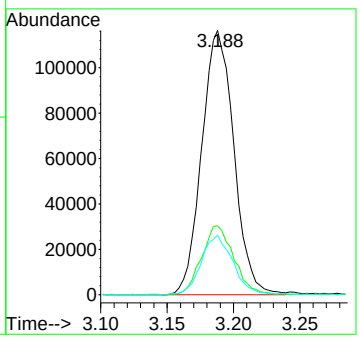


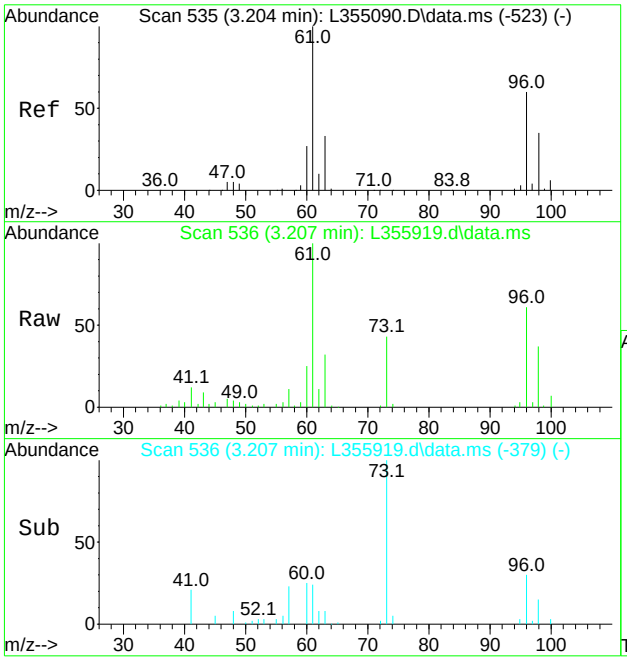


#25
methyl tert butyl ether
Concen: 20.2443 ug/L
RT: 3.188 min Scan# 530
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 73 Resp: 196099

Ion	Ratio	Lower	Upper
73	100		
57	26.1	0.0	57.4
43	22.6	0.0	54.2

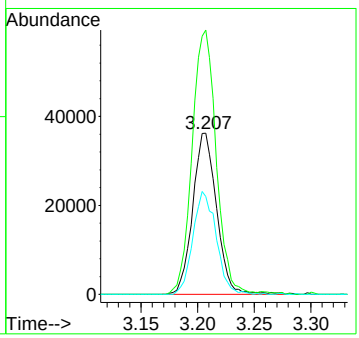


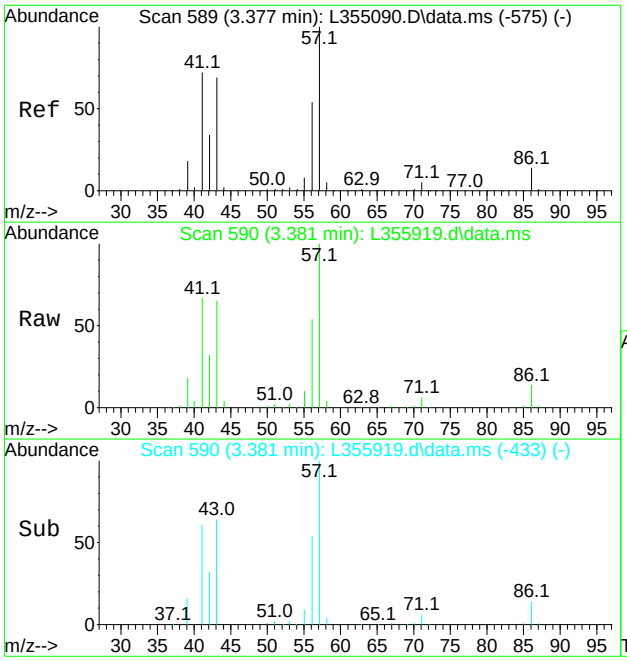


#26
trans-1,2-dichloroethene
Concen: 19.0561 ug/L
RT: 3.207 min Scan# 536
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 96 Resp: 53213

Ion	Ratio	Lower	Upper
96	100		
61	164.1	136.4	196.4
98	60.8	28.2	88.2

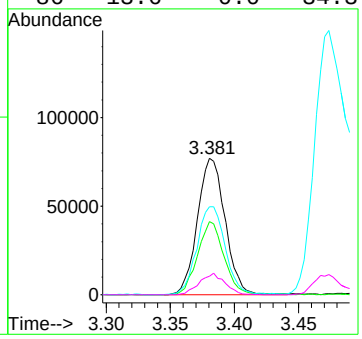


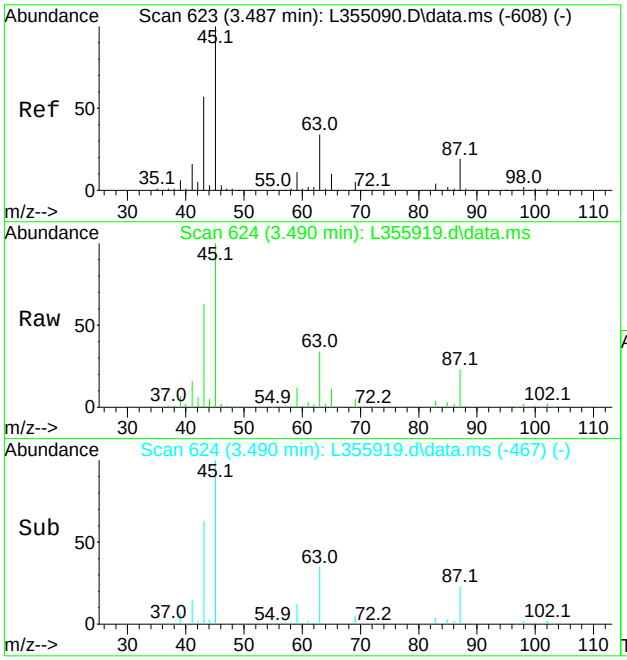


#27
hexane
Concen: 16.0342 ug/L
RT: 3.381 min Scan# 590
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 57 Resp: 116108

Ion	Ratio	Lower	Upper
57	100		
56	53.6	33.8	73.8
43	64.3	49.1	89.1
86	13.6	0.0	34.3

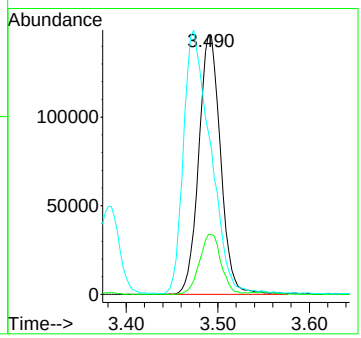


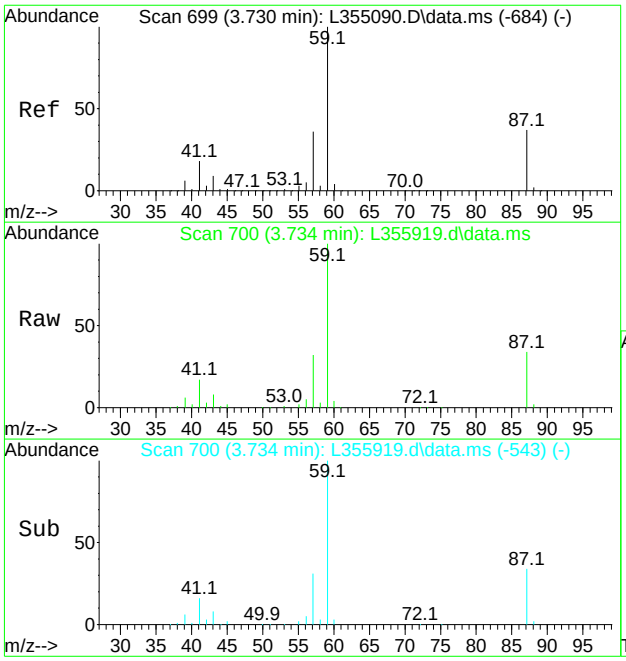


#28
di-isopropyl ether
Concen: 16.7225 ug/L
RT: 3.490 min Scan# 624
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 45 Resp: 242885

Ion	Ratio	Lower	Upper
45	100		
87	23.0	0.0	49.3
43	62.2	27.4	87.4

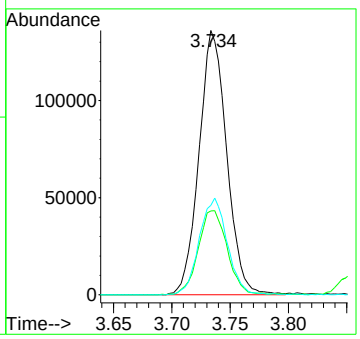


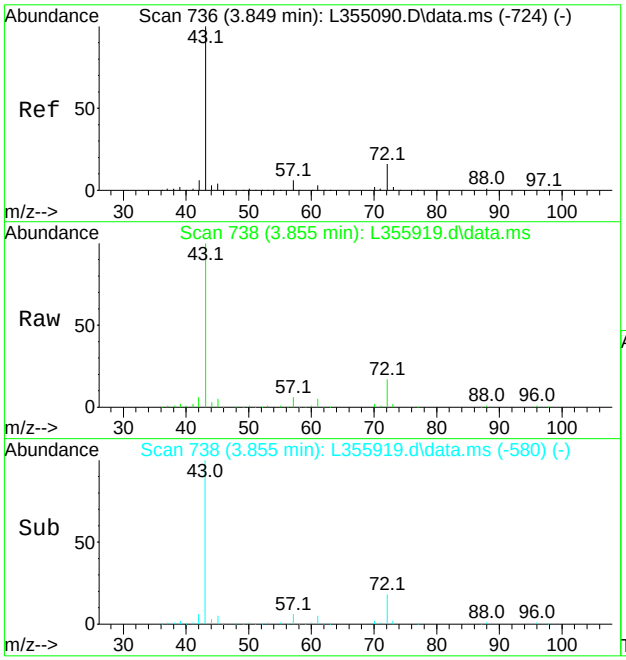


#29
ethyl tert-butyl ether
Concen: 18.3629 ug/L
RT: 3.734 min Scan# 700
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 59 Resp: 224878

Ion	Ratio	Lower	Upper
59	100		
57	31.5	5.9	65.9
87	33.8	6.7	66.7

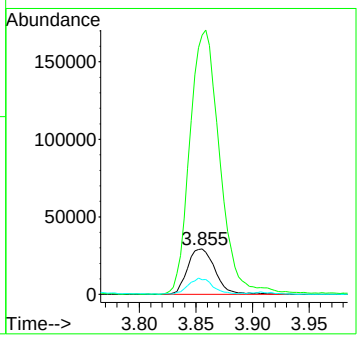


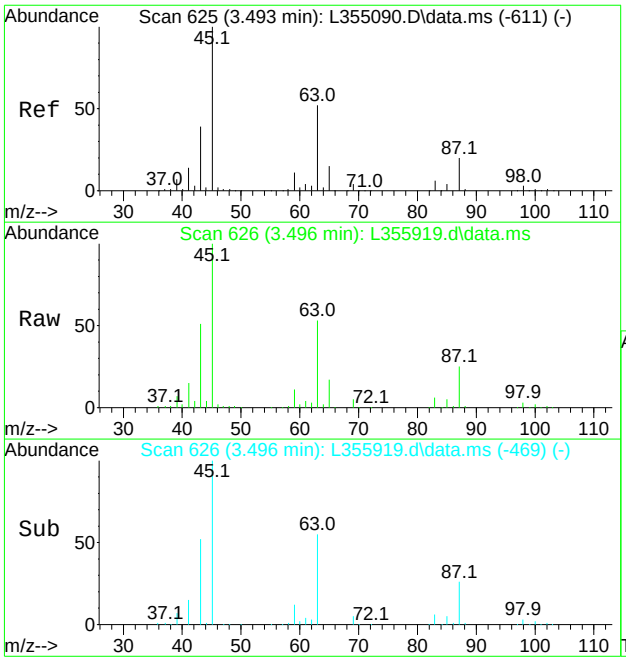


#30
2-butanone
Concen: 95.8202 ug/L
RT: 3.855 min Scan# 738
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 72 Resp: 49895

Ion	Ratio	Lower	Upper
72	100		
43	570.6	604.7	664.7#
57	31.6	10.0	70.0

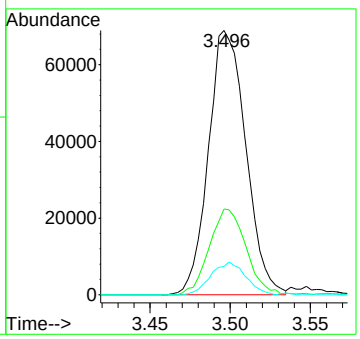


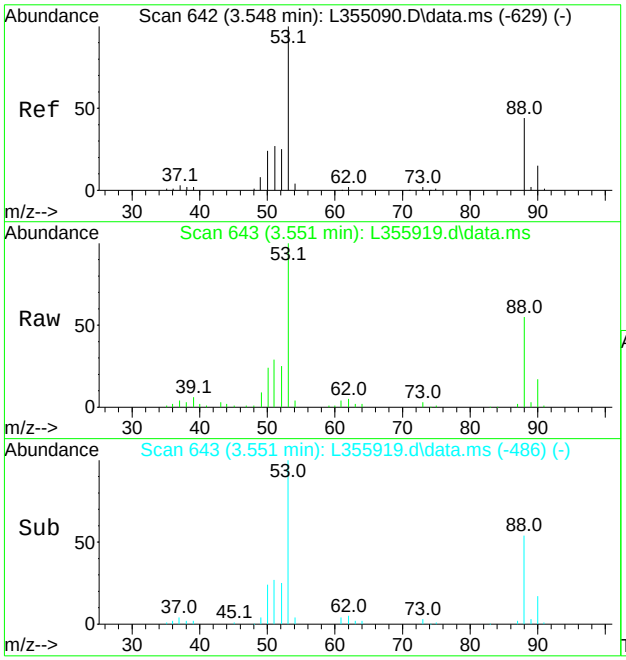


#31
1,1-dichloroethane
Concen: 17.8400 ug/L
RT: 3.496 min Scan# 626
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 63 Resp: 111960

Ion	Ratio	Lower	Upper
63	100		
65	32.5	0.0	59.0
83	10.8	0.0	41.4

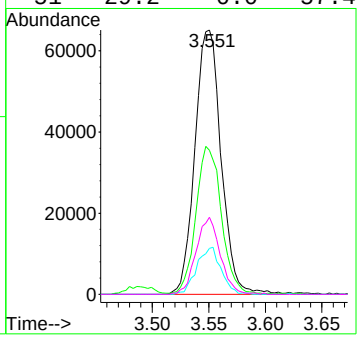


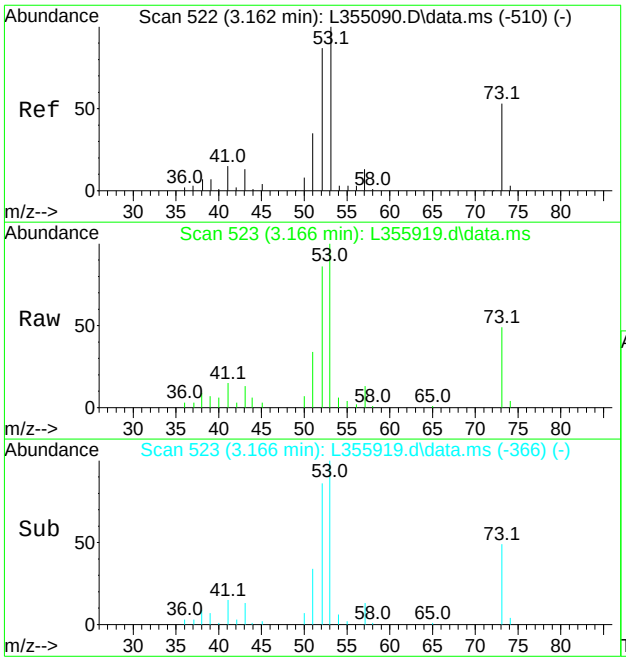


#32
chloroprene
Concen: 16.1779 ug/L
RT: 3.551 min Scan# 643
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 53 Resp: 104991

Ion	Ratio	Lower	Upper
53	100		
88	54.2	14.5	74.5
90	17.4	0.0	45.2
51	29.2	0.0	57.4

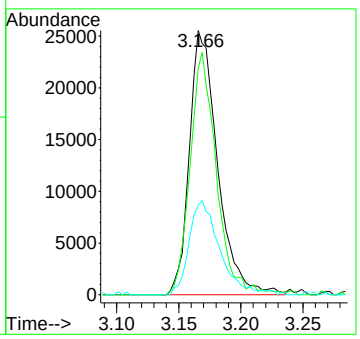


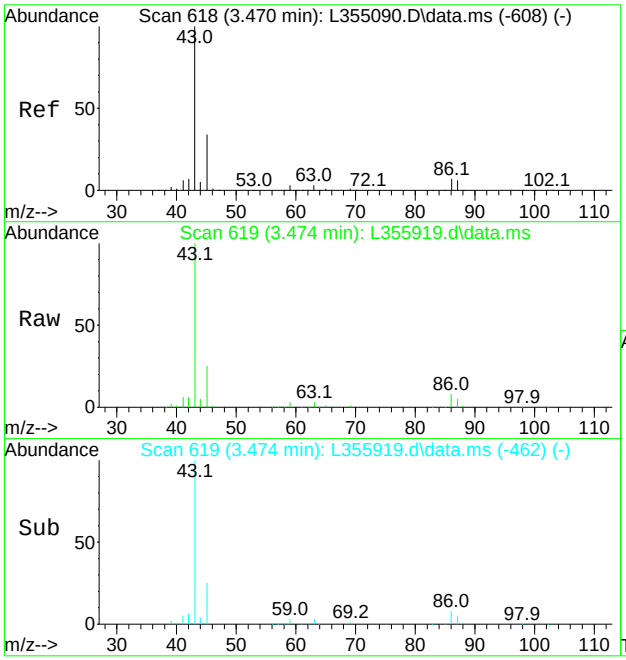


#33
acrylonitrile
Concen: 18.9692 ug/L
RT: 3.166 min Scan# 523
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 53 Resp: 40386

Ion	Ratio	Lower	Upper
53	100		
52	85.7	57.3	117.3
51	33.8	5.3	65.3

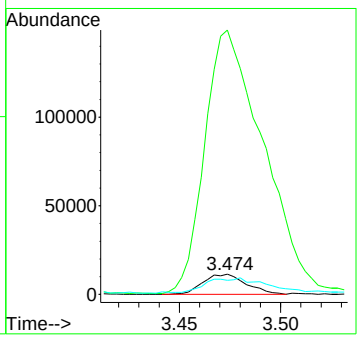


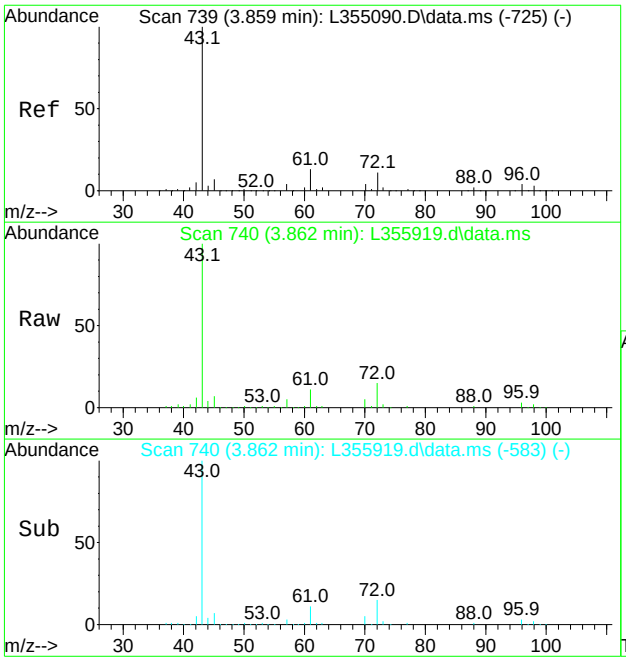


#34
vinyl acetate
Concen: 23.7530 ug/L
RT: 3.474 min Scan# 619
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 86 Resp: 16884

Ion	Ratio	Lower	Upper
86	100		
43	1307.6	1461.6	1521.6#
44	56.4	45.2	105.2

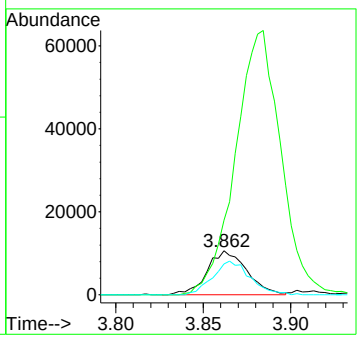


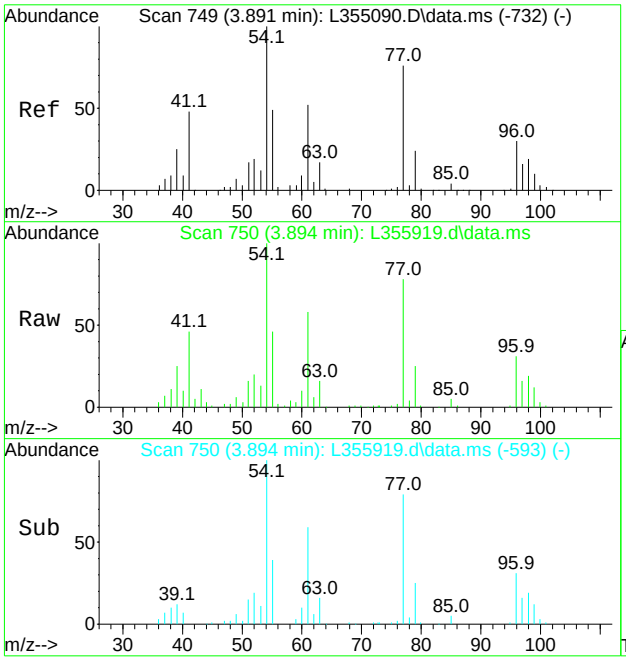


#35
ethyl acetate
Concen: 18.4607 ug/L
RT: 3.862 min Scan# 740
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 45 Resp: 16769

Ion	Ratio	Lower	Upper
45	100		
61	168.8	146.7	206.7
70	70.2	27.4	87.4

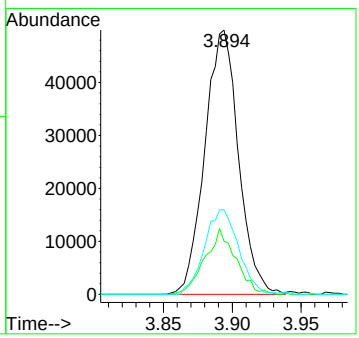


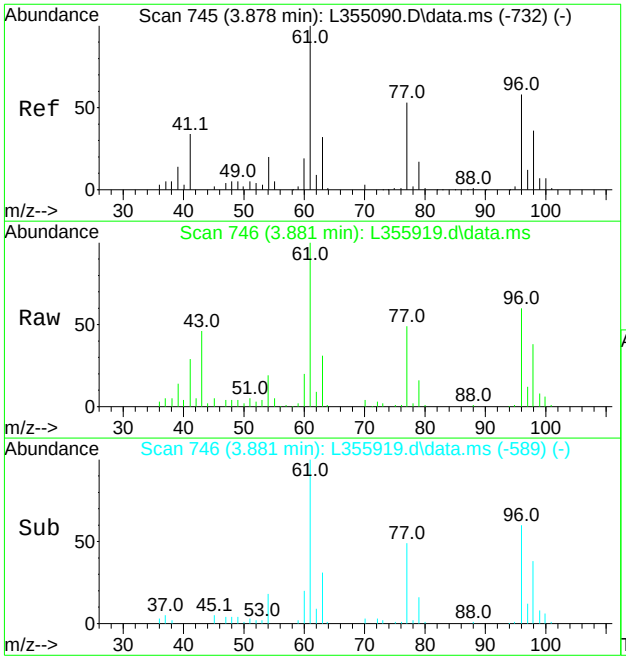


#36
2,2-dichloropropane
Concen: 18.3493 ug/L
RT: 3.894 min Scan# 750
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 77 Resp: 85138

Ion	Ratio	Lower	Upper
77	100		
97	20.1	0.0	51.0
79	32.0	1.4	61.4

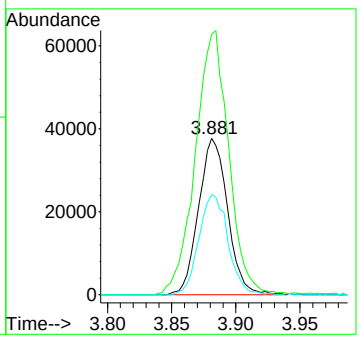


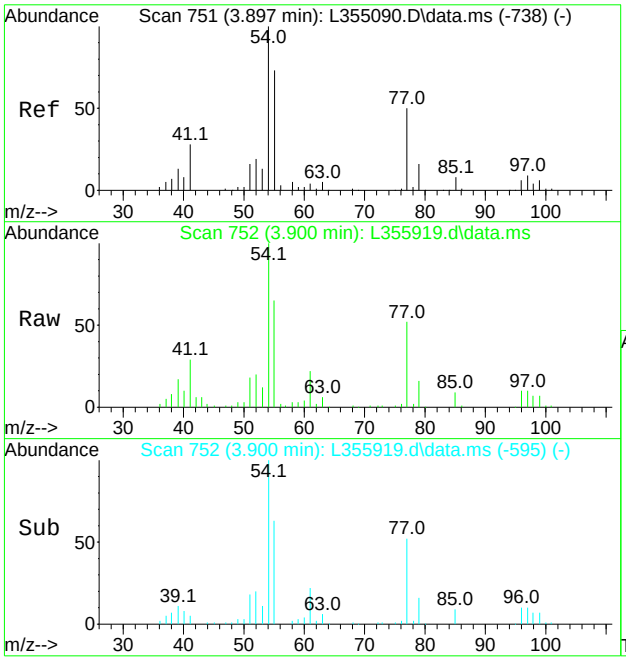


#37
cis-1,2-dichloroethene
Concen: 19.8057 ug/L
RT: 3.881 min Scan# 746
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 96 Resp: 59508

Ion	Ratio	Lower	Upper
96	100		
61	165.5	141.8	201.8
98	64.1	32.2	92.2

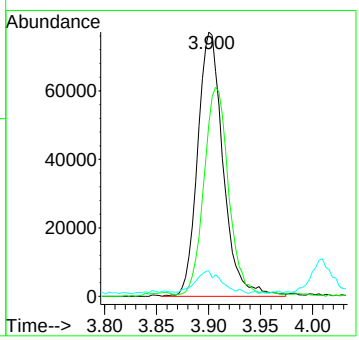


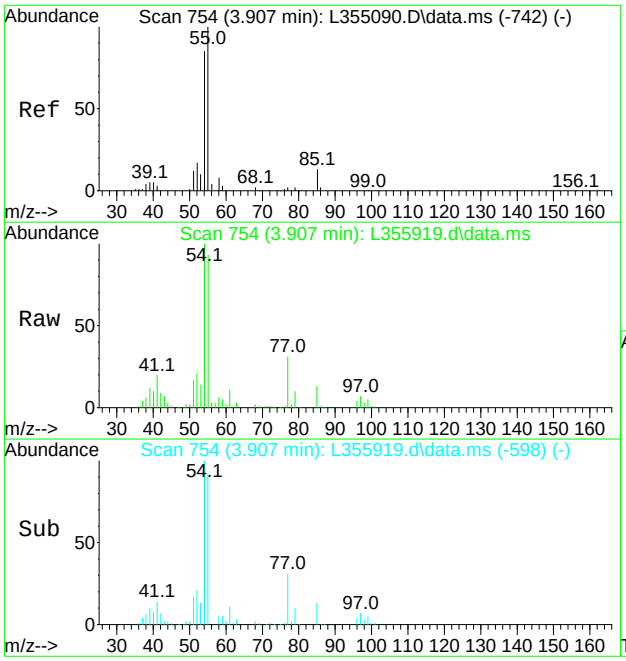


#38
propionitrile
Concen: 192.3209 ug/L
RT: 3.900 min Scan# 752
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 54 Resp: 131782

Ion	Ratio	Lower	Upper
54	100		
55	64.2	43.2	103.2
40	8.1	0.0	38.0

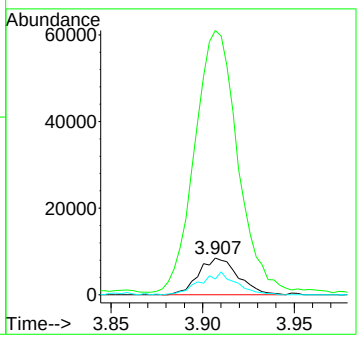


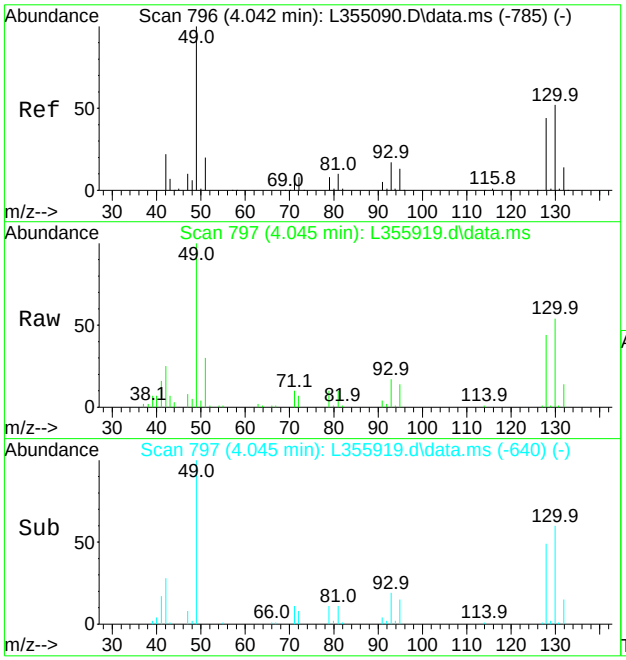


#39
methyl acrylate
Concen: 22.2059 ug/L
RT: 3.907 min Scan# 754
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 85 Resp: 12735

Ion	Ratio	Lower	Upper
85	100		
55	702.8	762.7	802.7#
58	42.9	40.5	80.5

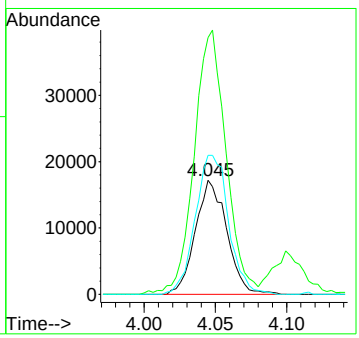


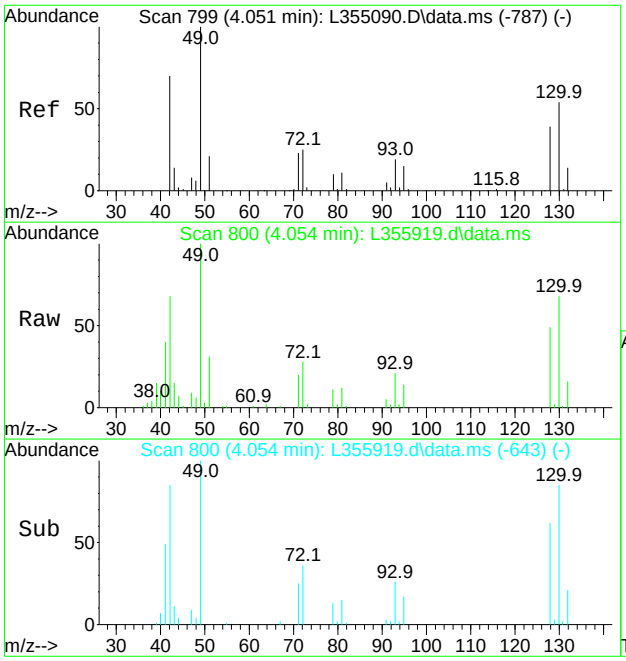


#40
bromochloromethane
Concen: 19.4122 ug/L
RT: 4.045 min Scan# 797
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:128 Resp: 26430

Ion	Ratio	Lower	Upper
128	100		
49	221.5	196.9	256.9
130	121.7	87.7	147.7

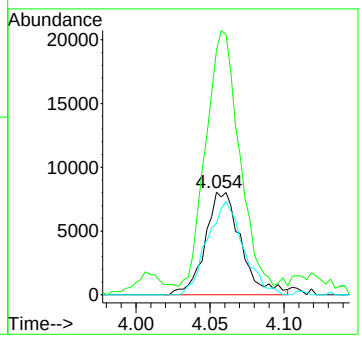


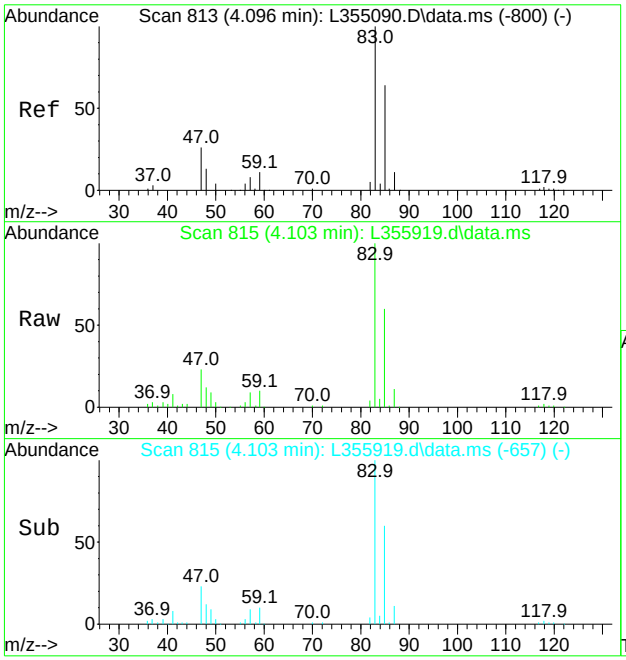


#41
tetrahydrofuran
Concen: 22.3949 ug/L
RT: 4.054 min Scan# 800
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 72 Resp: 13512

Ion	Ratio	Lower	Upper
72	100		
42	229.7	246.3	306.3#
71	70.1	61.6	121.6

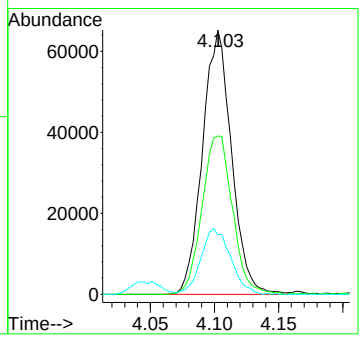


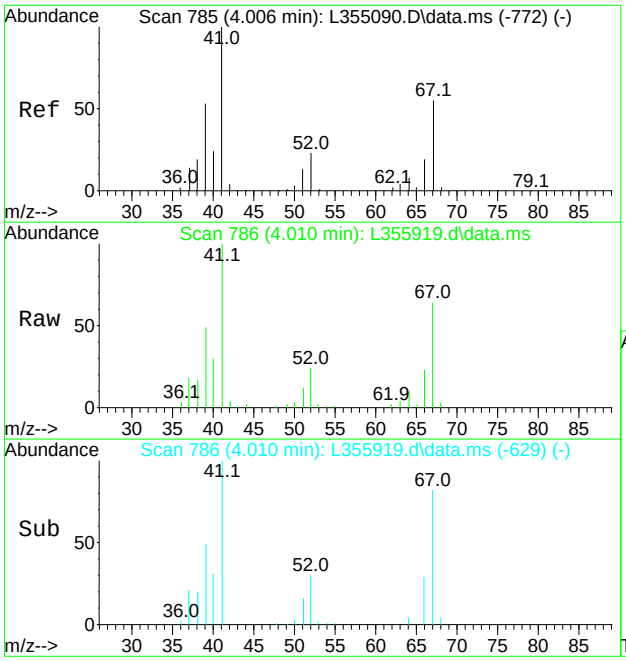


#42
chloroform
Concen: 19.0222 ug/L
RT: 4.103 min Scan# 815
Delta R.T. 0.007 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 83 Resp: 103227

Ion	Ratio	Lower	Upper
83	100		
85	59.9	34.3	94.3
47	22.6	0.0	59.3

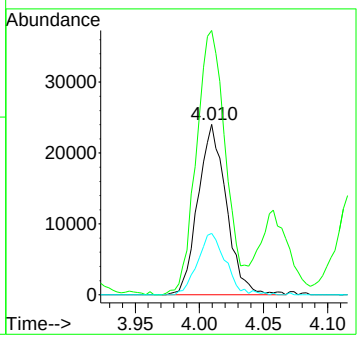


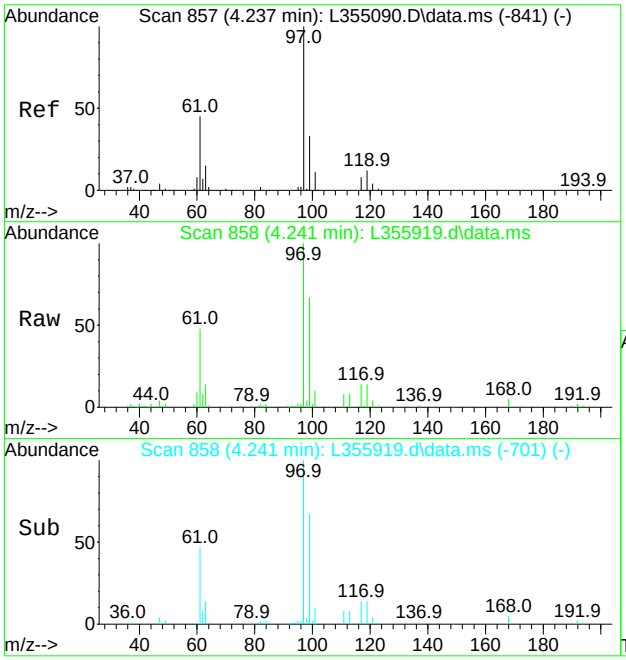


#44
methacrylonitrile
Concen: 20.7666 ug/L
RT: 4.010 min Scan# 786
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 67 Resp: 37019

Ion	Ratio	Lower	Upper
67	100		
41	155.2	150.2	210.2
66	36.1	3.6	63.6

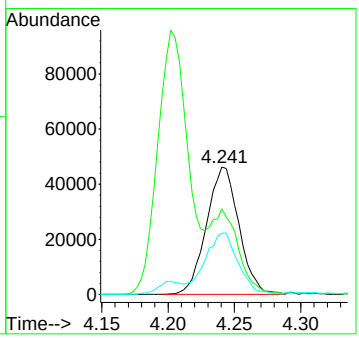


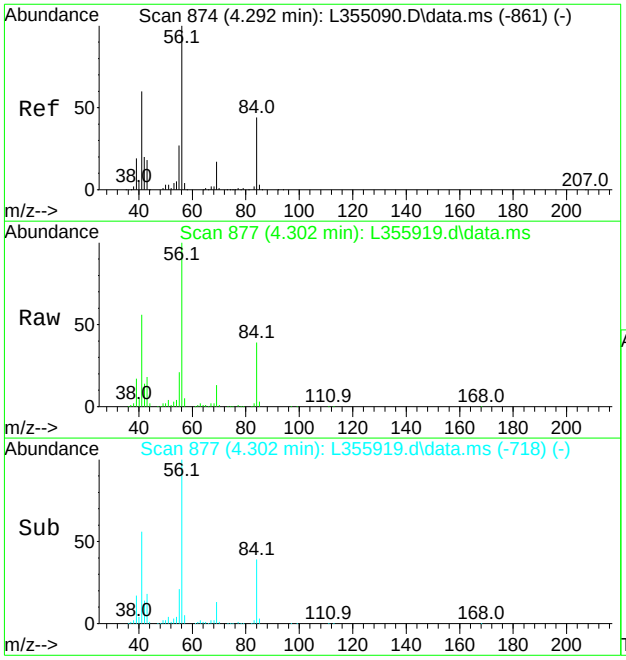


#45
1,1,1-trichloroethane
Concen: 19.0098 ug/L
RT: 4.241 min Scan# 858
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 97 Resp: 78670

Ion	Ratio	Lower	Upper
97	100		
99	66.8	33.3	93.3
61	46.3	14.9	74.9

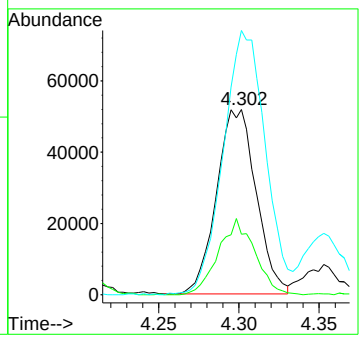


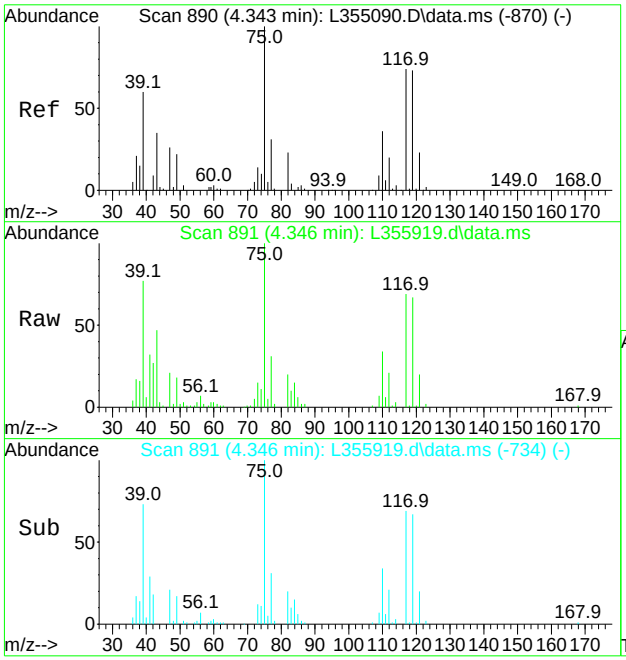


#46
cyclohexane
Concen: 19.6219 ug/L
RT: 4.302 min Scan# 877
Delta R.T. 0.010 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 84 Resp: 89199

Ion	Ratio	Lower	Upper
84	100		
69	32.8	17.8	57.8
41	143.4	116.7	156.7

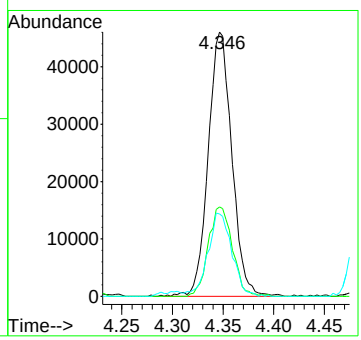


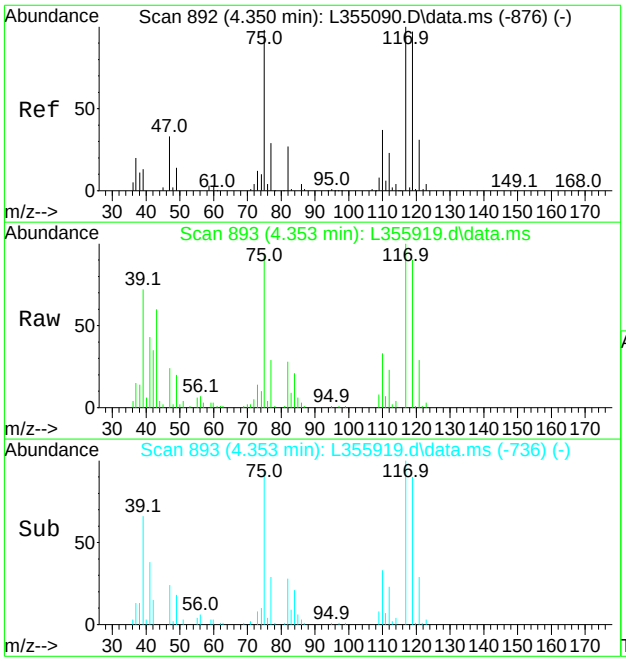


#47
1,1-dichloropropene
Concen: 18.5668 ug/L
RT: 4.346 min Scan# 891
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 75 Resp: 74781

Ion	Ratio	Lower	Upper
75	100		
110	33.8	15.8	55.8
77	31.2	11.6	51.6

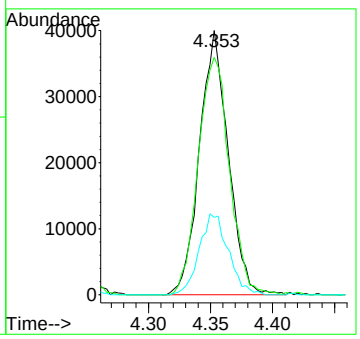


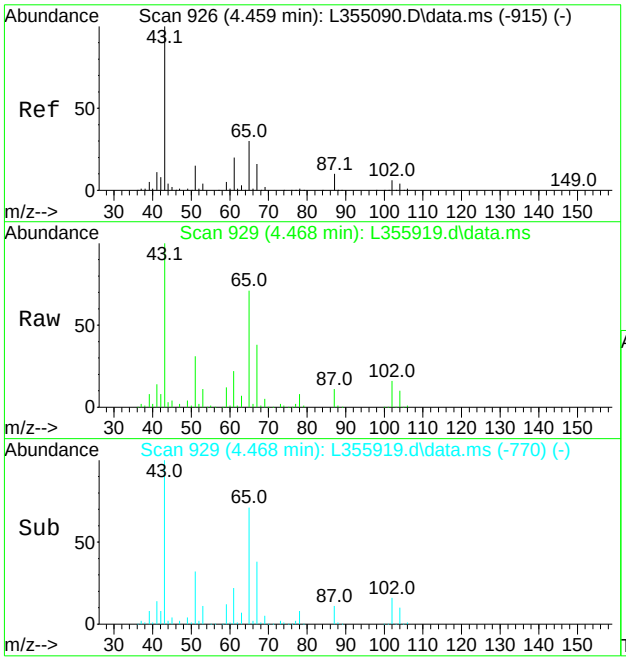


#48
carbon tetrachloride
Concen: 17.6435 ug/L
RT: 4.353 min Scan# 893
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:117 Resp: 64496

Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.1	117.1
121	29.3	11.1	51.1

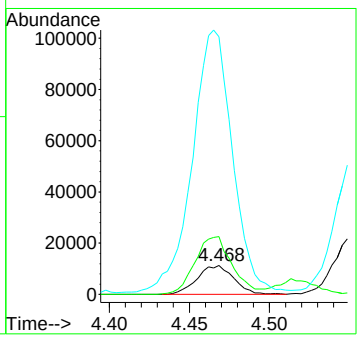


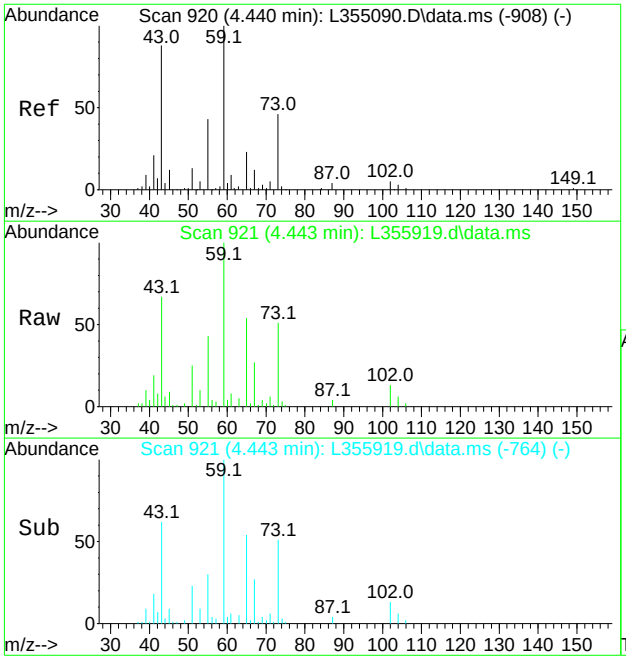


#49
isopropyl acetate
Concen: 21.2991 ug/L
RT: 4.468 min Scan# 929
Delta R.T. 0.009 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 87 Resp: 17986

Ion	Ratio	Lower	Upper
87	100		
61	197.2	185.6	225.6
43	874.1	1029.1	1089.1#

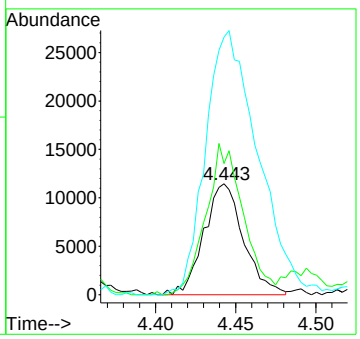


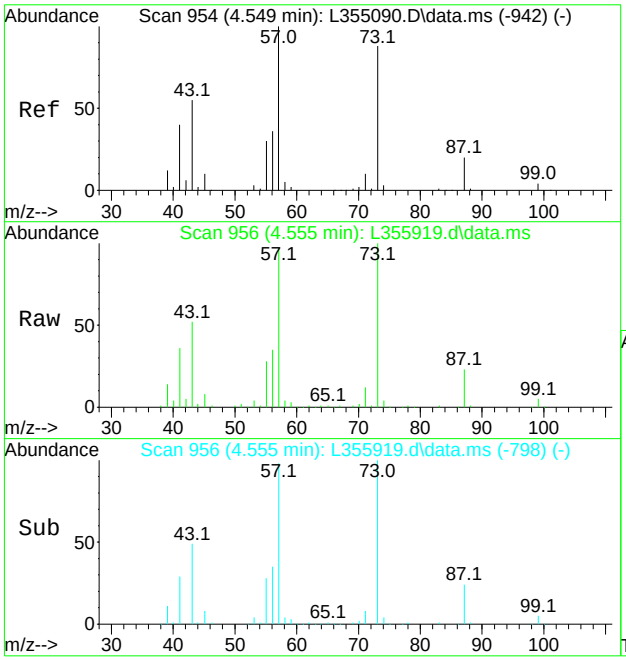


#50
tert amyl alcohol
Concen: 106.7904 ug/L
RT: 4.443 min Scan# 921
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 55 Resp: 19754

Ion	Ratio	Lower	Upper
55	100		
73	118.4	87.0	127.0
59	232.3	211.2	251.2

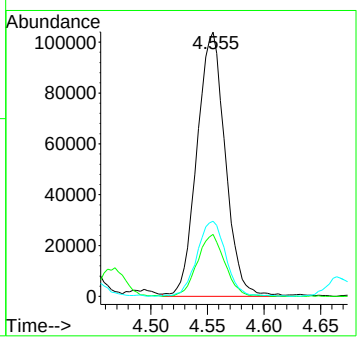


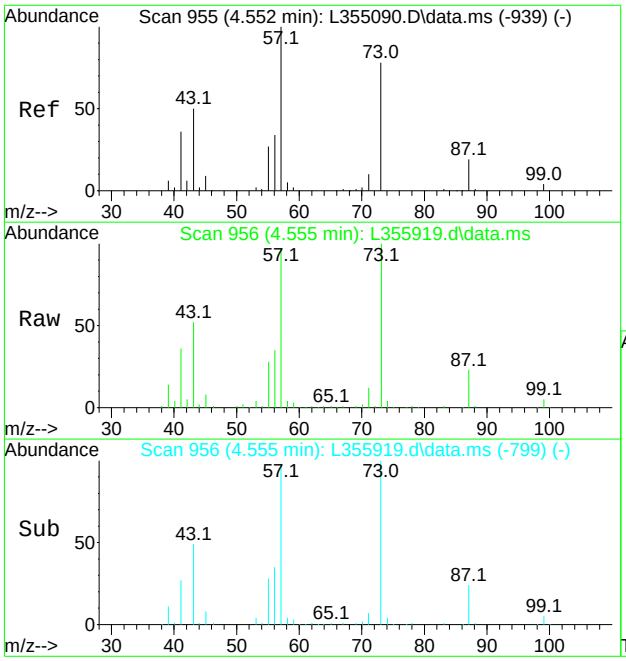


#53
tert-amyl methyl ether
Concen: 18.5831 ug/L
RT: 4.555 min Scan# 956
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 73 Resp: 180513

Ion	Ratio	Lower	Upper
73	100		
87	23.6	2.5	42.5
55	28.3	14.1	54.1

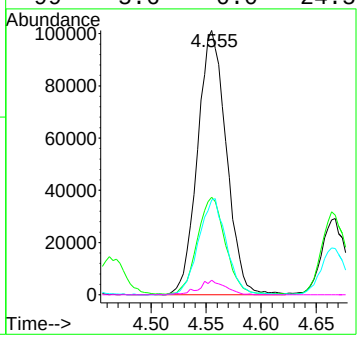


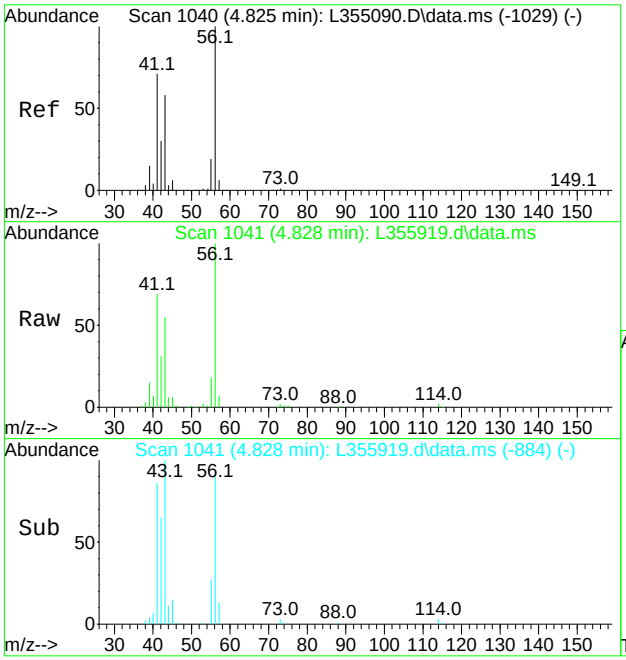


#54
2,2,4-trimethylpentane
Concen: 14.7569 ug/L
RT: 4.555 min Scan# 956
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 57 Resp: 184727

Ion	Ratio	Lower	Upper
57	100		
41	36.5	15.5	55.5
56	35.9	14.0	54.0
99	5.6	0.0	24.5

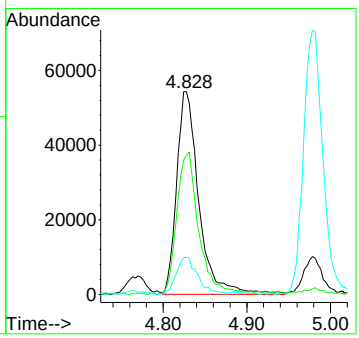


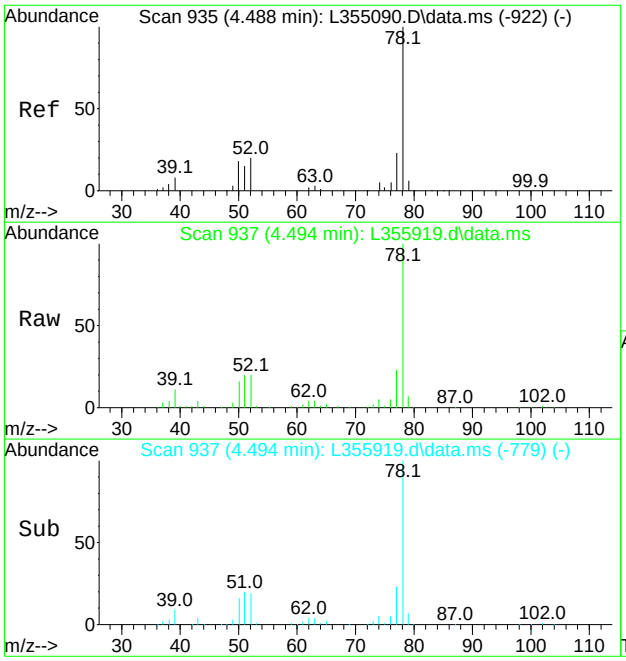


#55
n-butyl alcohol
Concen: 1129.3155 ug/L
RT: 4.828 min Scan# 1041
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 56 Resp: 100134

Ion	Ratio	Lower	Upper
56	100		
41	68.5	40.6	100.6
55	18.1	0.0	48.8

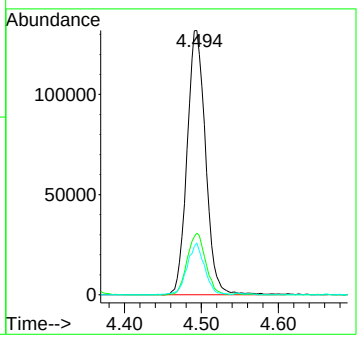


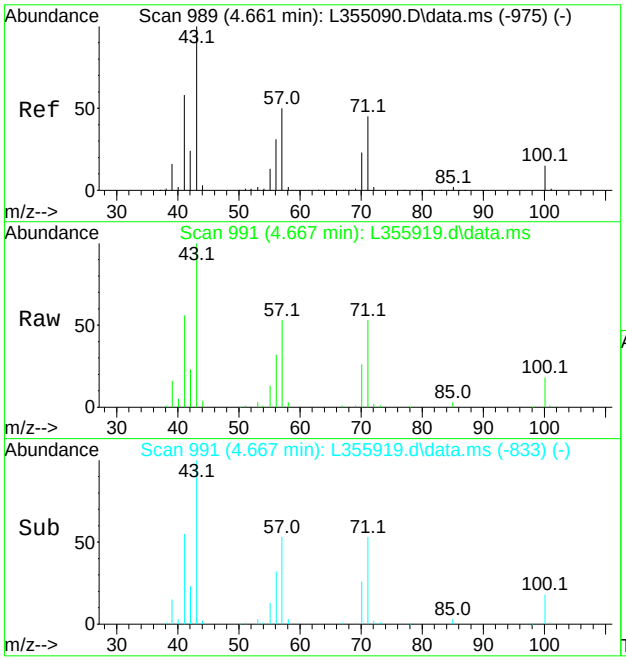


#56
benzene
Concen: 18.0776 ug/L
RT: 4.494 min Scan# 937
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 78 Resp: 220593

Ion	Ratio	Lower	Upper
78	100		
77	23.4	0.0	53.0
52	19.7	0.0	50.0

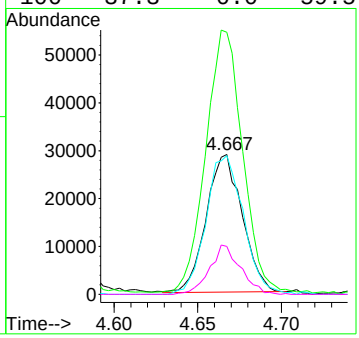


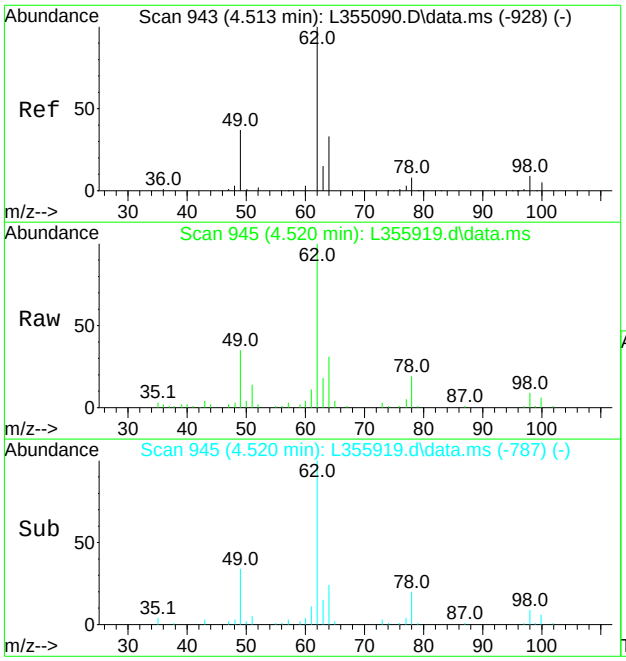


#57
heptane
Concen: 14.6778 ug/L
RT: 4.667 min Scan# 991
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 57 Resp: 43150

Ion	Ratio	Lower	Upper
57	100		
43	189.2	170.1	230.1
71	101.1	59.7	119.7
100	37.3	0.0	59.5

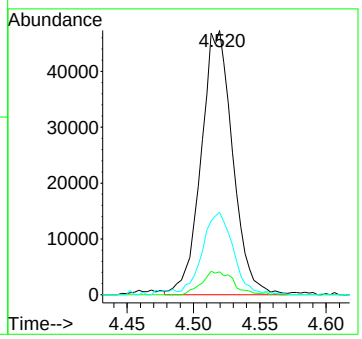


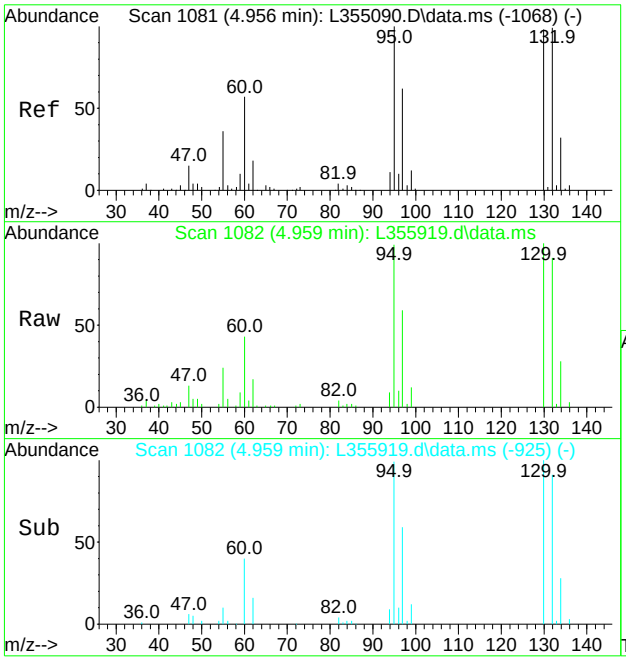


#58
1,2-dichloroethane
Concen: 17.3408 ug/L
RT: 4.520 min Scan# 945
Delta R.T. 0.007 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 62 Resp: 78248

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	39.1
64	31.4	2.9	62.9

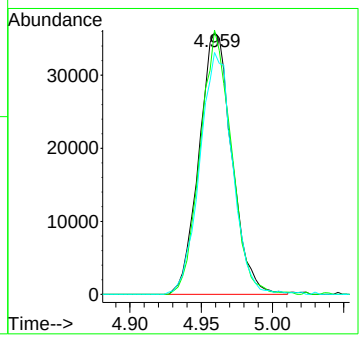


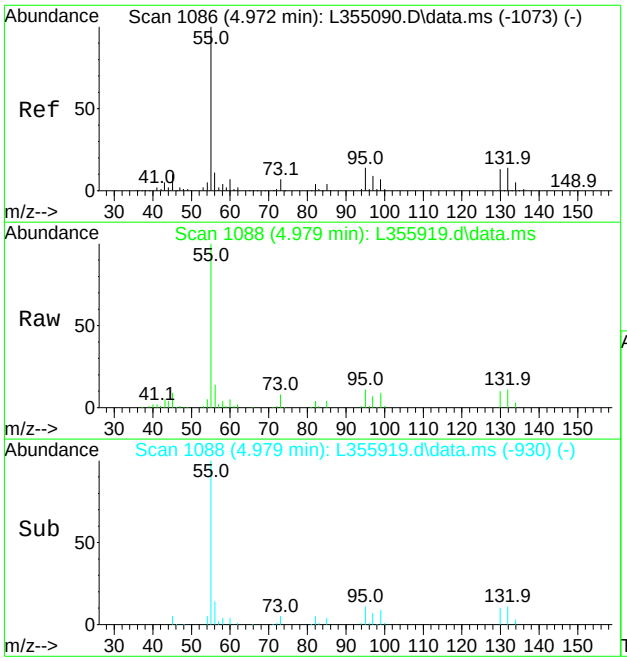


#59
trichloroethene
Concen: 17.7909 ug/L
RT: 4.959 min Scan# 1082
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 95 Resp: 57412

Ion	Ratio	Lower	Upper
95	100		
130	101.0	68.4	128.4
132	92.4	68.7	128.7

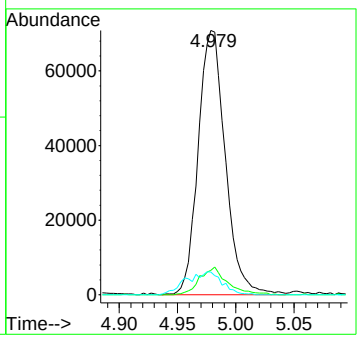


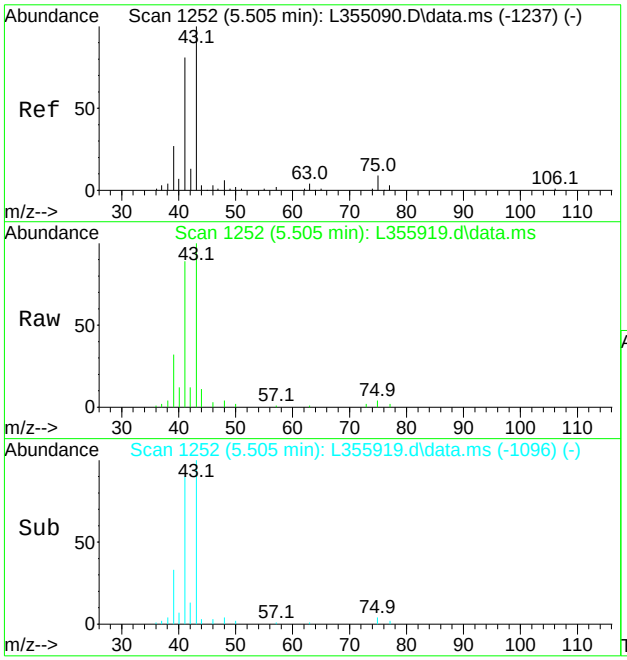


#60
ethyl acrylate
Concen: 17.2578 ug/L
RT: 4.979 min Scan# 1088
Delta R.T. 0.007 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 55 Resp: 114741

Ion	Ratio	Lower	Upper
55	100		
45	9.2	0.0	30.3
99	8.7	0.0	27.2

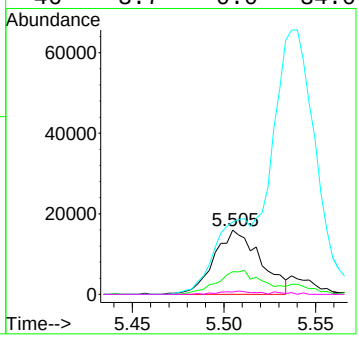


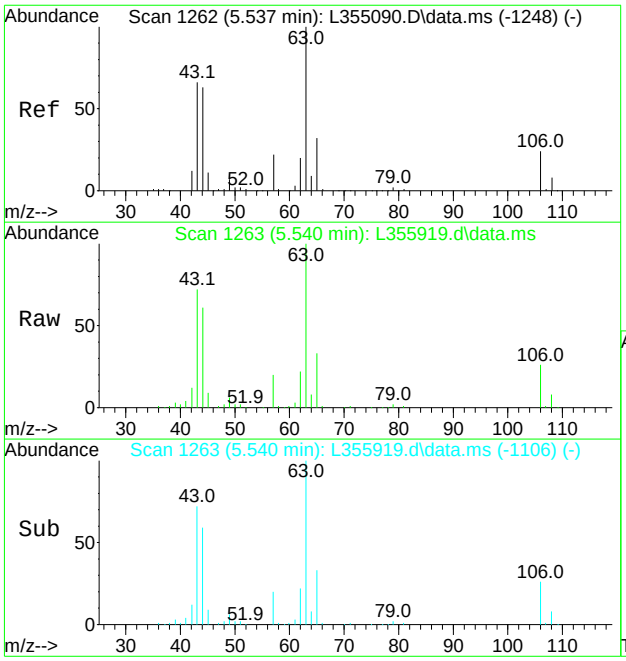


#61
2-nitropropane
Concen: 17.4298 ug/L
RT: 5.505 min Scan# 1252
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 41 Resp: 28024

Ion	Ratio	Lower	Upper
41	100		
39	35.6	3.7	63.7
43	112.9	92.8	152.8
46	3.7	0.0	34.0

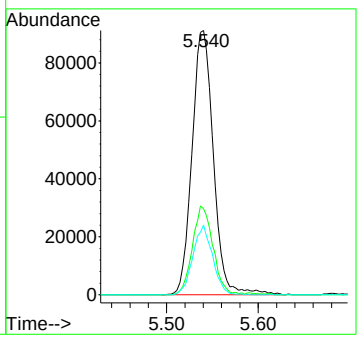


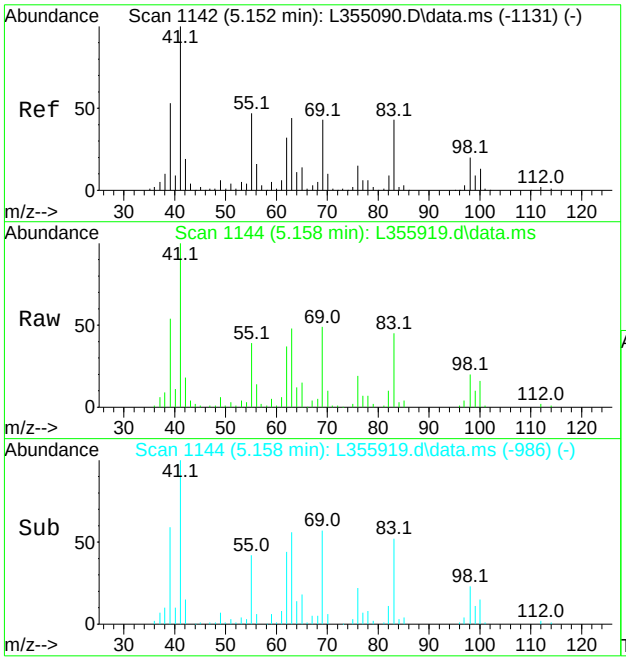


#62
2-chloroethyl vinyl ether
Concen: 95.5321 ug/L
RT: 5.540 min Scan# 1263
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 63 Resp: 147913

Ion	Ratio	Lower	Upper
63	100		
65	32.6	2.0	62.0
106	26.4	0.0	53.7

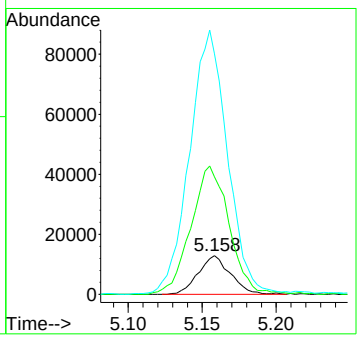


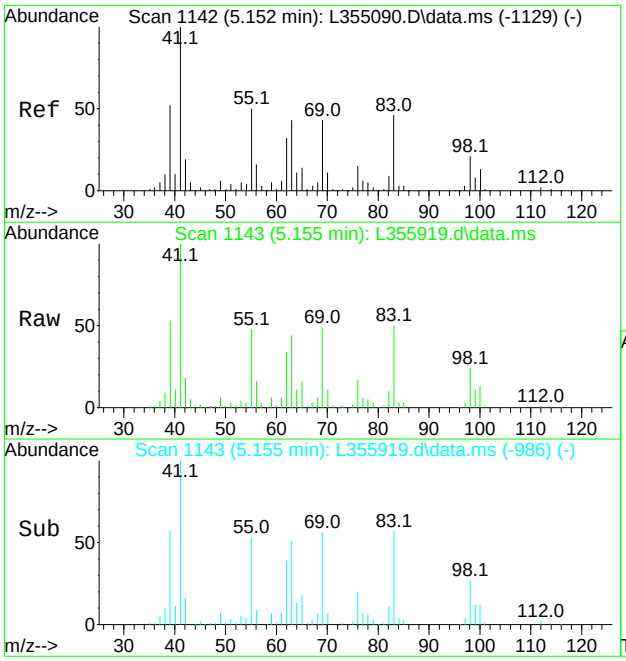


#63
methyl methacrylate
Concen: 19.8211 ug/L
RT: 5.158 min Scan# 1144
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:100 Resp: 19575

Ion	Ratio	Lower	Upper
100	100		
69	300.1	303.9	363.9#
41	614.6	748.3	808.3#

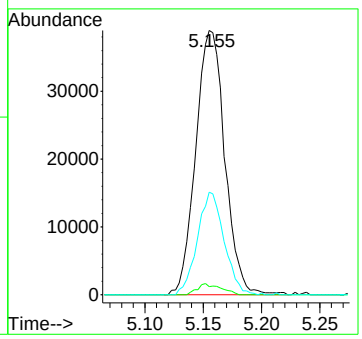


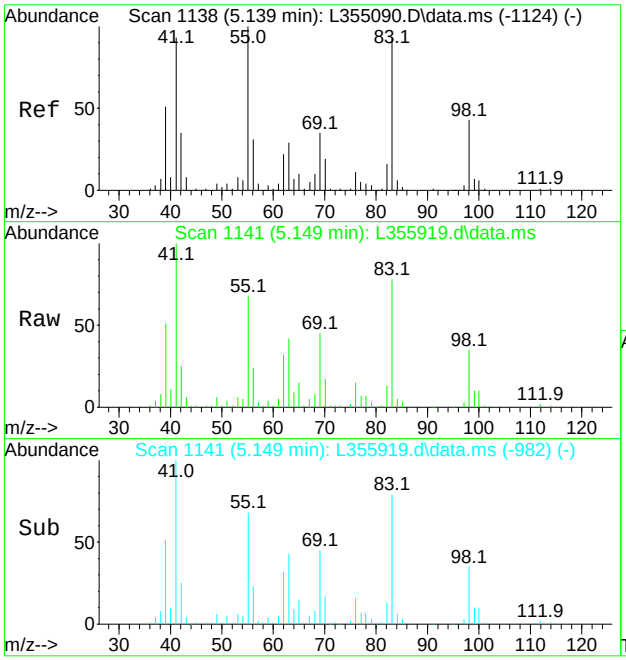


#64
1,2-dichloropropane
Concen: 17.3509 ug/L
RT: 5.155 min Scan# 1143
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 63 Resp: 67673

Ion	Ratio	Lower	Upper
63	100		
112	3.1	0.0	33.9
76	38.8	3.9	63.9

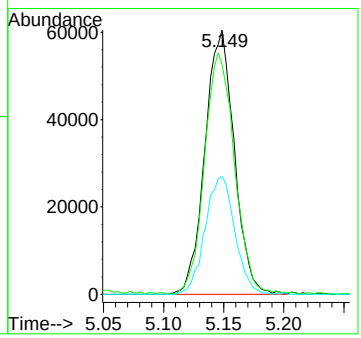


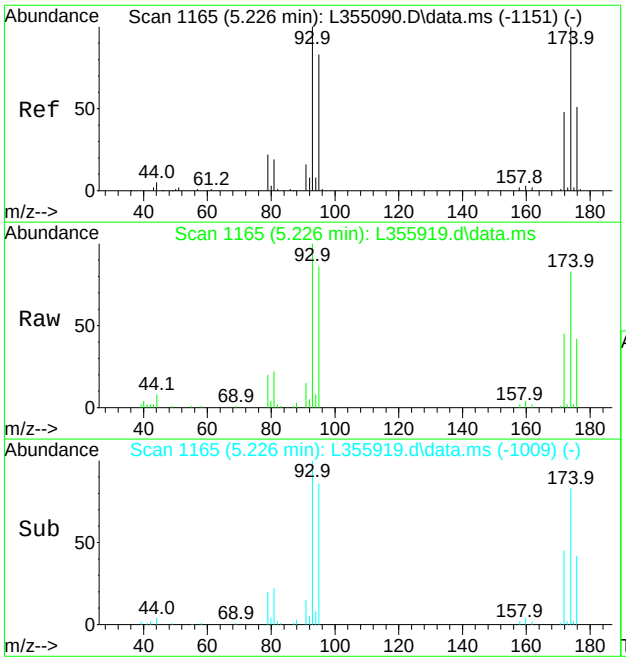


#65
methylcyclohexane
Concen: 17.4582 ug/L
RT: 5.149 min Scan# 1141
Delta R.T. 0.010 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 83 Resp: 102735

Ion	Ratio	Lower	Upper
83	100		
55	86.5	77.0	137.0
98	44.6	16.0	76.0

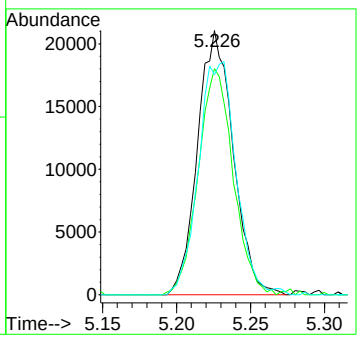


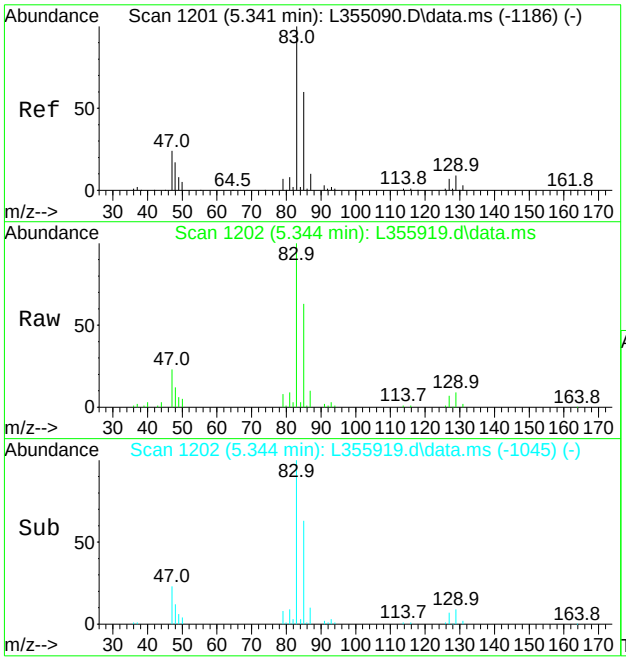


#66
dibromomethane
Concen: 18.4884 ug/L
RT: 5.226 min Scan# 1165
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 93 Resp: 35228

Ion	Ratio	Lower	Upper
93	100		
95	85.6	52.7	112.7
174	83.3	70.1	130.1

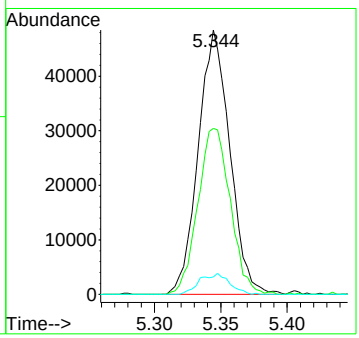


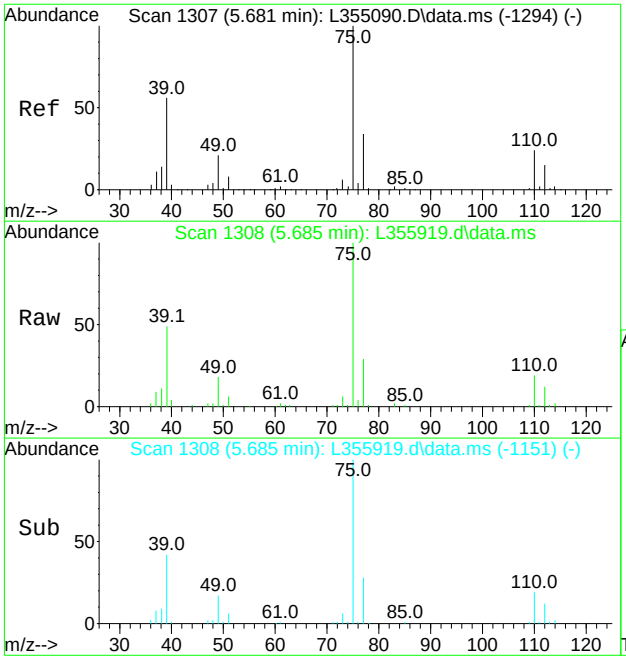


#67
bromodichloromethane
Concen: 17.7366 ug/L
RT: 5.344 min Scan# 1202
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 83 Resp: 80244

Ion	Ratio	Lower	Upper
83	100		
85	62.8	30.1	90.1
127	6.6	0.0	37.3

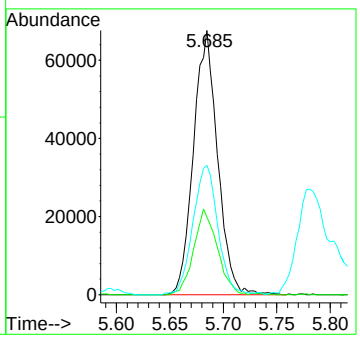


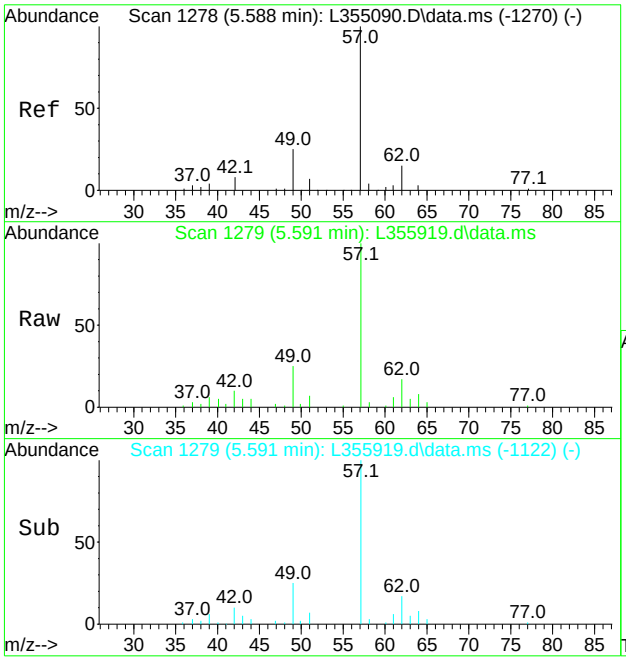


#68
cis-1,3-dichloropropene
Concen: 18.2663 ug/L
RT: 5.685 min Scan# 1308
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 75 Resp: 106043

Ion	Ratio	Lower	Upper
75	100		
77	29.4	4.0	64.0
39	49.0	25.8	85.8

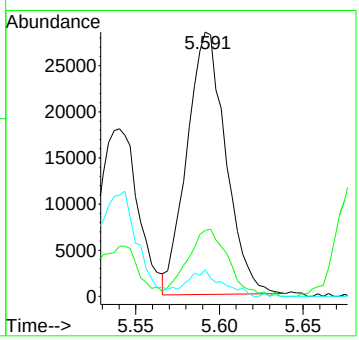


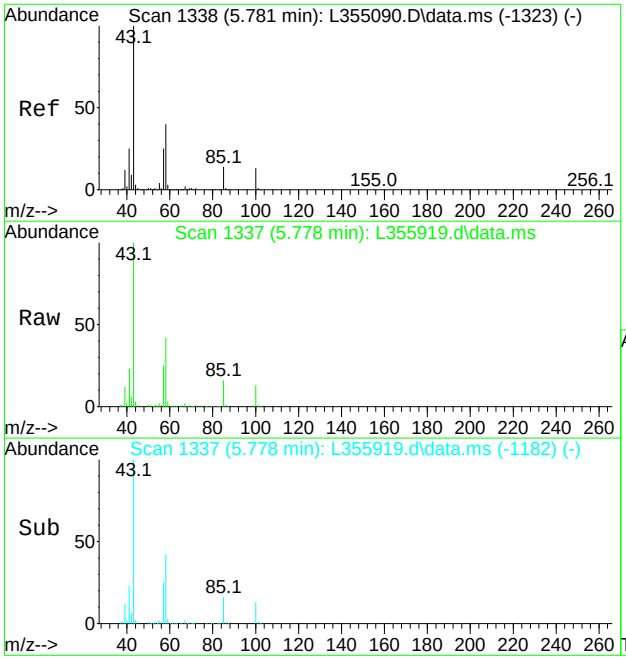


#69
epichlorohydrin
Concen: 88.4425 ug/L
RT: 5.591 min Scan# 1279
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 57 Resp: 45849

Ion	Ratio	Lower	Upper
57	100		
49	25.2	3.3	43.3
42	10.2	0.0	30.7

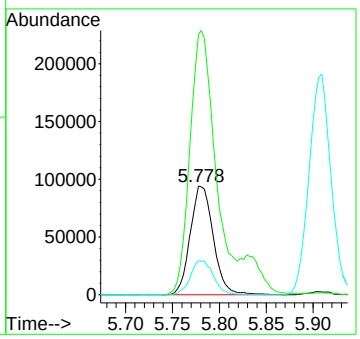


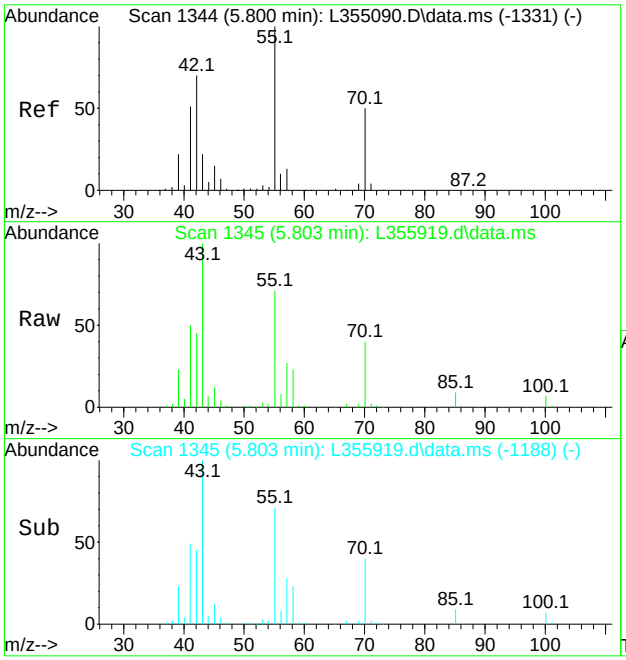


#70
4-methyl-2-pentanone
Concen: 75.5137 ug/L
RT: 5.778 min Scan# 1337
Delta R.T. -0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 58 Resp: 161633

Ion	Ratio	Lower	Upper
58	100		
43	239.4	227.9	267.9
100	31.5	11.2	51.2

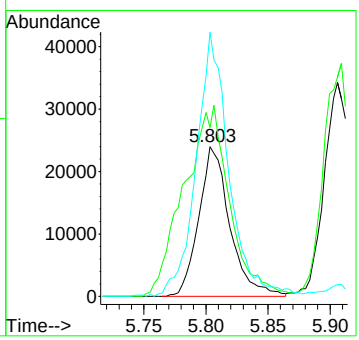


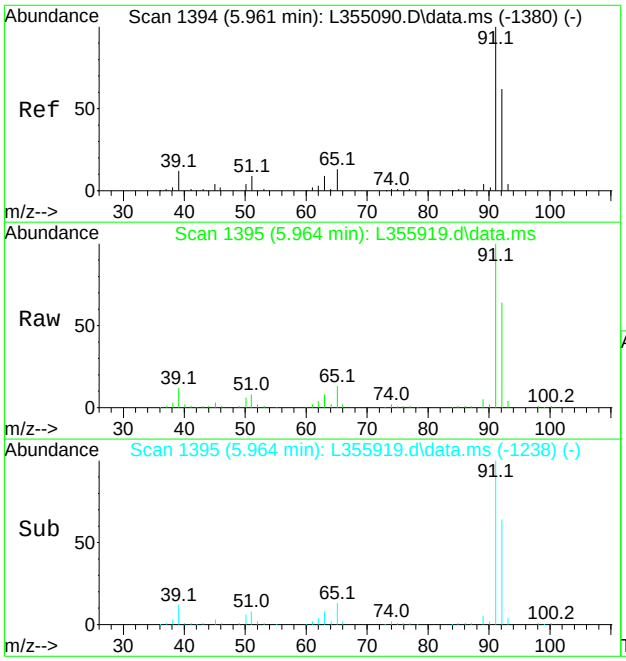


#71
3-methyl-1-butanol
Concen: 452.0292 ug/L
RT: 5.803 min Scan# 1345
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 70 Resp: 41722

Ion	Ratio	Lower	Upper
70	100		
42	109.6	131.6	171.6#
55	174.3	180.2	220.2#

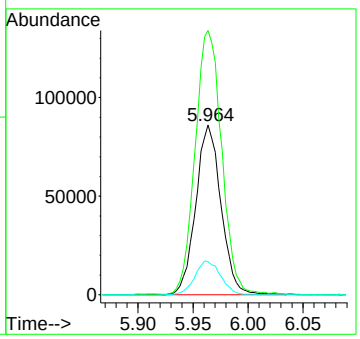


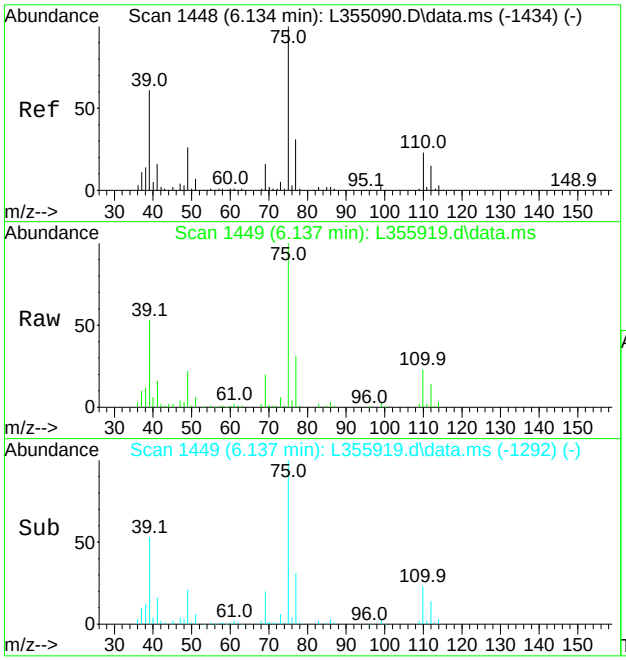


#74
toluene
Concen: 18.1098 ug/L
RT: 5.964 min Scan# 1395
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 92 Resp: 137649

Ion	Ratio	Lower	Upper
92	100		
91	155.7	130.7	190.7
65	19.6	0.0	51.2

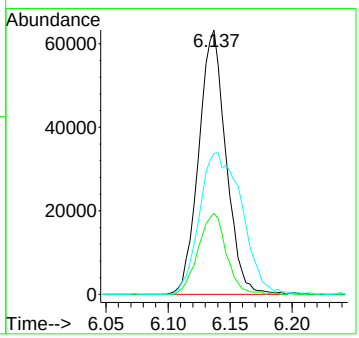


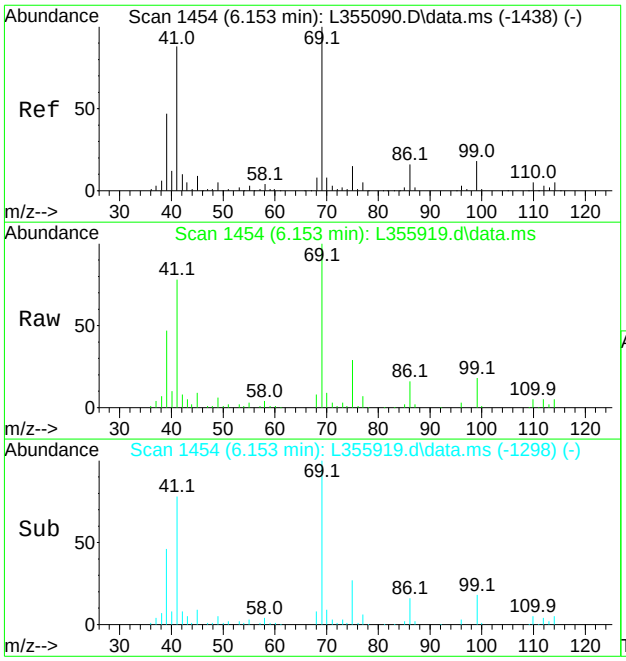


#75
trans-1,3-dichloropropene
Concen: 17.8613 ug/L
RT: 6.137 min Scan# 1449
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 75 Resp: 96509

Ion	Ratio	Lower	Upper
75	100		
77	30.7	1.0	61.0
39	53.3	30.8	90.8

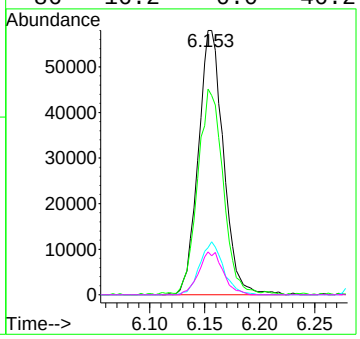


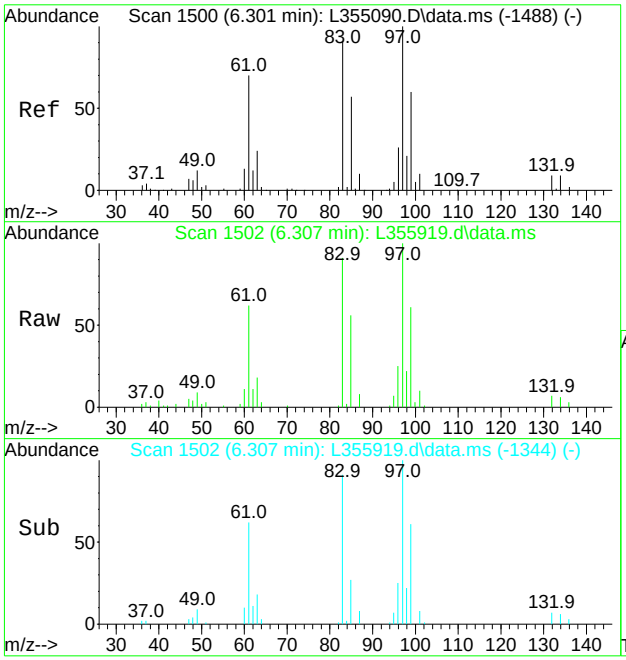


#76
ethyl methacrylate
Concen: 18.6696 ug/L
RT: 6.153 min Scan# 1454
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 69 Resp: 92271

Ion	Ratio	Lower	Upper
69	100		
41	77.8	57.6	117.6
99	17.8	0.0	48.5
86	16.2	0.0	46.2

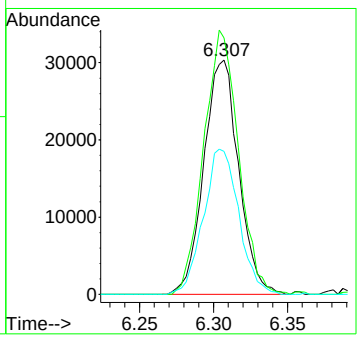


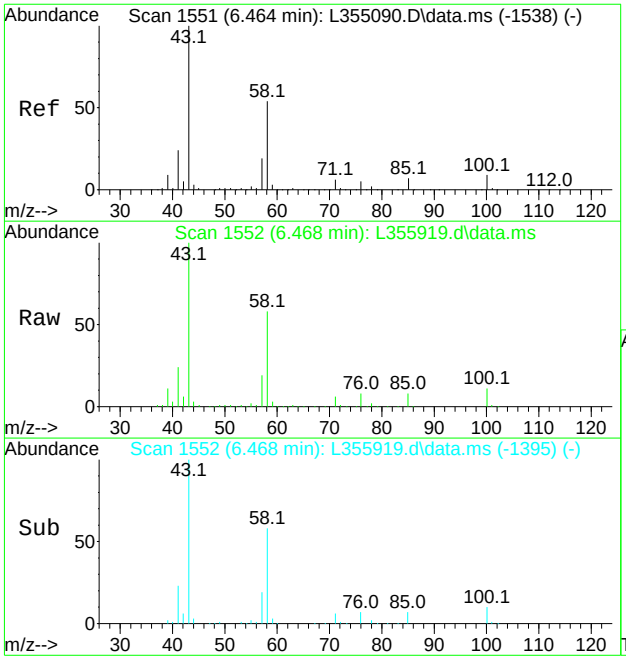


#77
1,1,2-trichloroethane
Concen: 18.4626 ug/L
RT: 6.307 min Scan# 1502
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 83 Resp: 49576

Ion	Ratio	Lower	Upper
83	100		
97	109.4	80.2	140.2
85	60.9	33.0	93.0

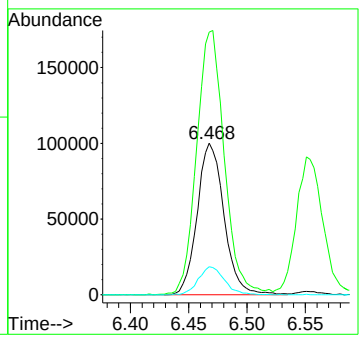


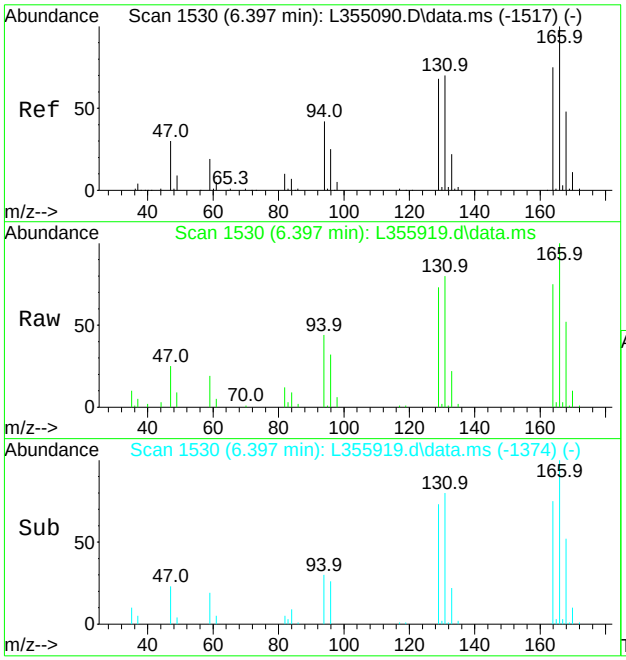


#78
2-hexanone
Concen: 72.1380 ug/L
RT: 6.468 min Scan# 1552
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 58 Resp: 160587

Ion	Ratio	Lower	Upper
58	100		
43	172.8	154.5	214.5
100	18.5	0.0	46.6

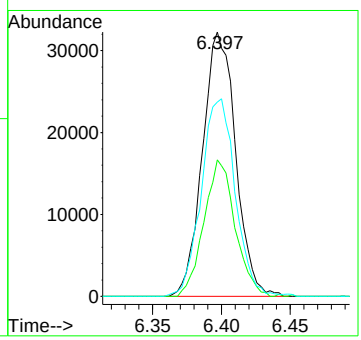


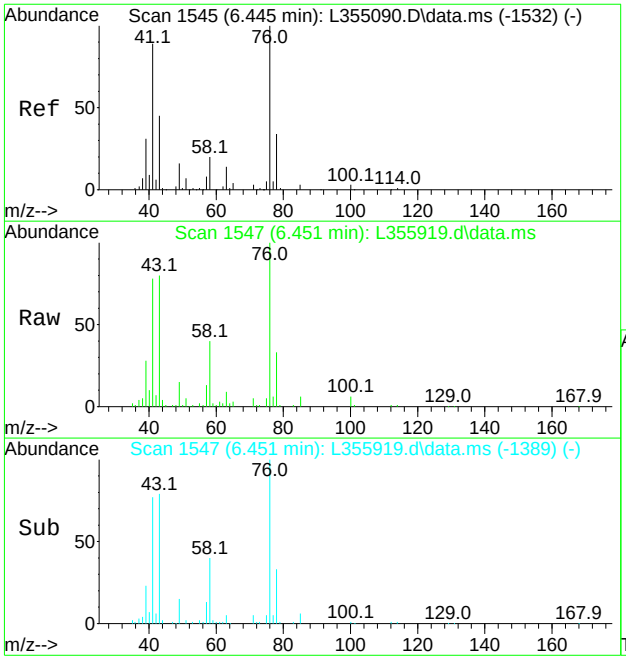


#79
tetrachloroethene
Concen: 17.0553 ug/L
RT: 6.397 min Scan# 1530
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:166 Resp: 54133

Ion	Ratio	Lower	Upper
166	100		
168	51.7	18.3	78.3
129	73.4	38.5	98.5

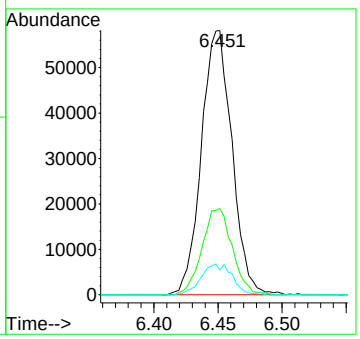


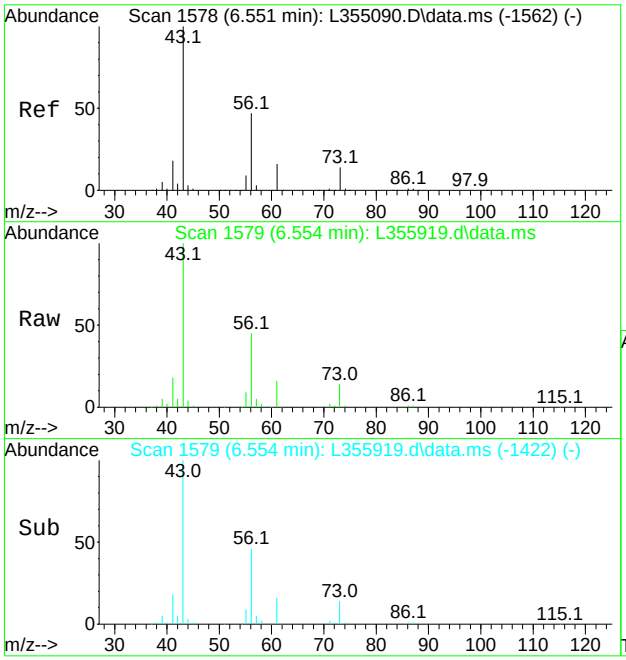


#80
1,3-dichloropropane
Concen: 18.4223 ug/L
RT: 6.451 min Scan# 1547
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 76 Resp: 96721

Ion	Ratio	Lower	Upper
76	100		
78	32.6	3.8	63.8
63	9.4	0.0	43.8

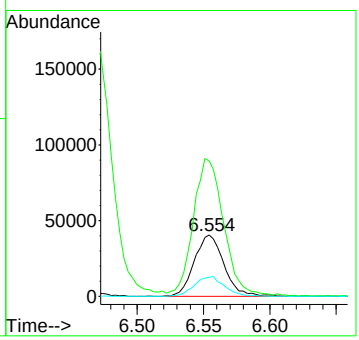


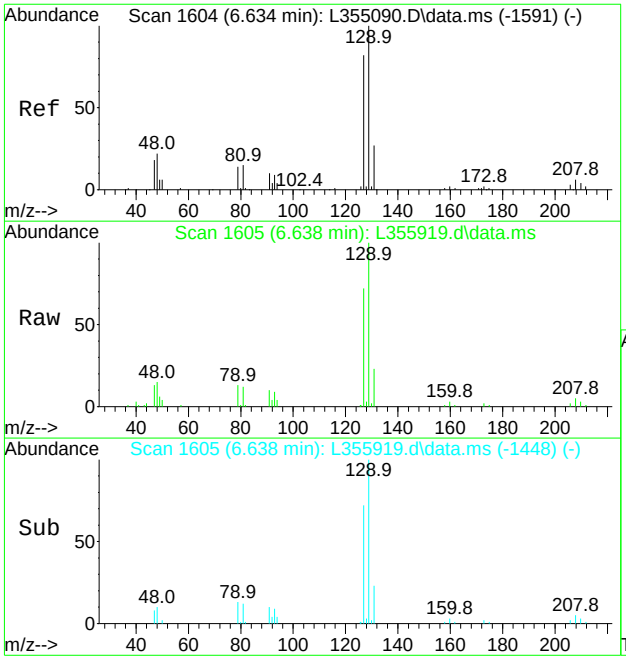


#81
butyl acetate
Concen: 17.7859 ug/L
RT: 6.554 min Scan# 1579
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 56 Resp: 63368

Ion	Ratio	Lower	Upper
56	100		
43	217.8	194.2	254.2
73	31.1	0.0	58.5

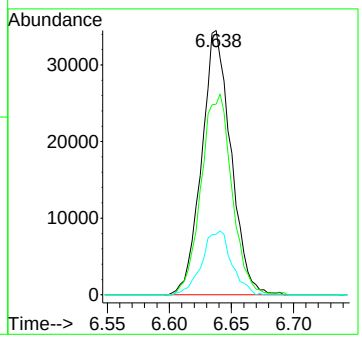


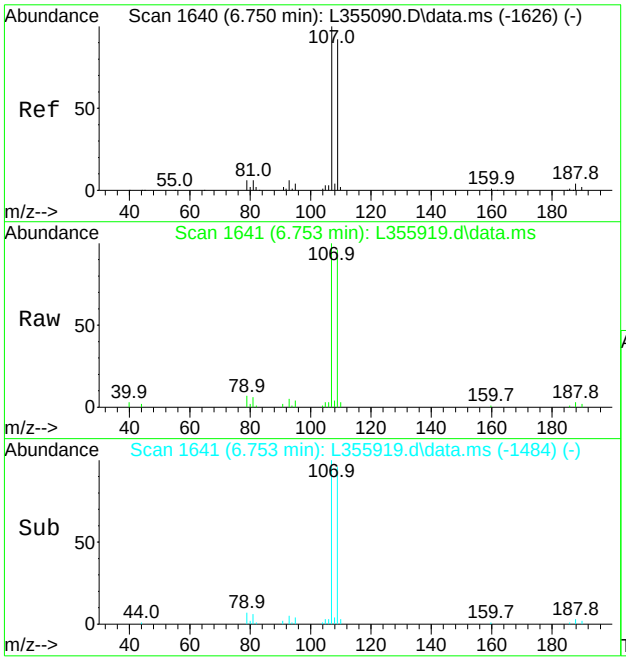


#82
dibromochloromethane
Concen: 17.5133 ug/L
RT: 6.638 min Scan# 1605
Delta R.T. 0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:129 Resp: 56384

Ion	Ratio	Lower	Upper
129	100		
127	72.1	51.9	111.9
131	22.9	0.0	56.8

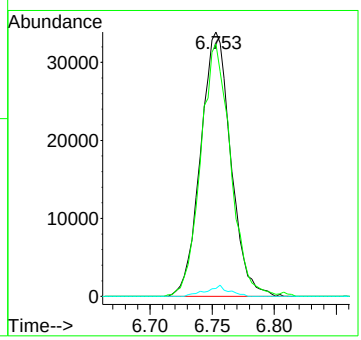


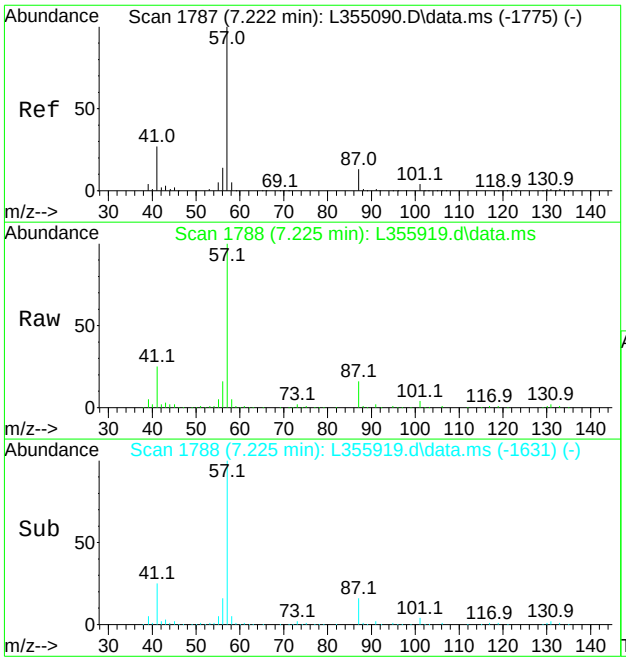


#83
1,2-dibromoethane
Concen: 18.0358 ug/L
RT: 6.753 min Scan# 1641
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:107 Resp: 57297

Ion	Ratio	Lower	Upper
107	100		
109	95.5	62.2	122.2
188	3.0	0.0	33.6

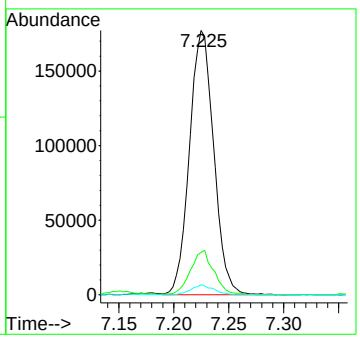


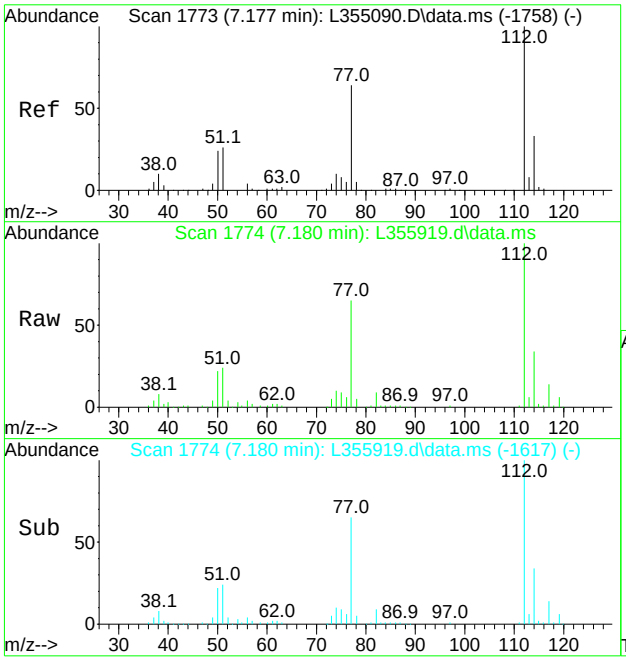


#84
n-butyl ether
Concen: 17.0719 ug/L
RT: 7.225 min Scan# 1788
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 57 Resp: 272302

Ion	Ratio	Lower	Upper
57	100		
87	16.1	0.0	43.5
101	3.8	0.0	33.5

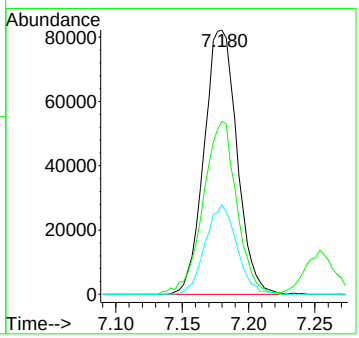


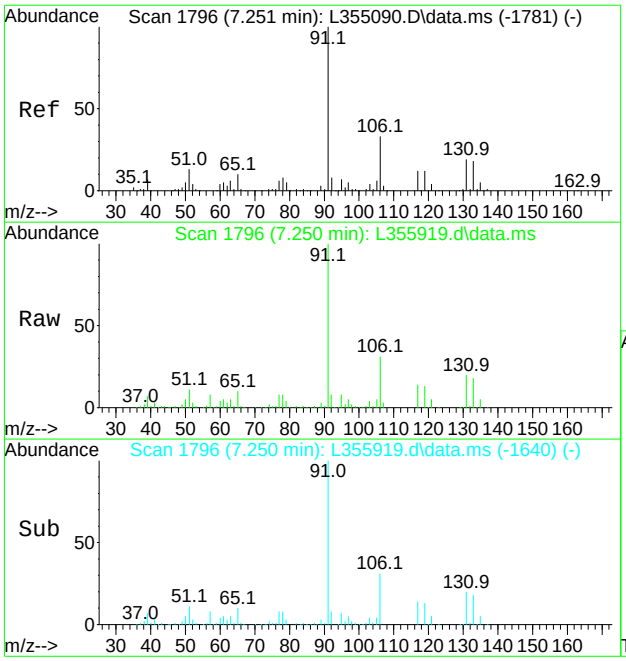


#85
chlorobenzene
Concen: 17.8987 ug/L
RT: 7.180 min Scan# 1774
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:112 Resp: 142035

Ion	Ratio	Lower	Upper
112	100		
77	64.4	34.0	94.0
114	33.9	2.8	62.8

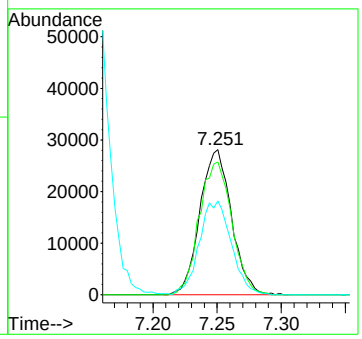


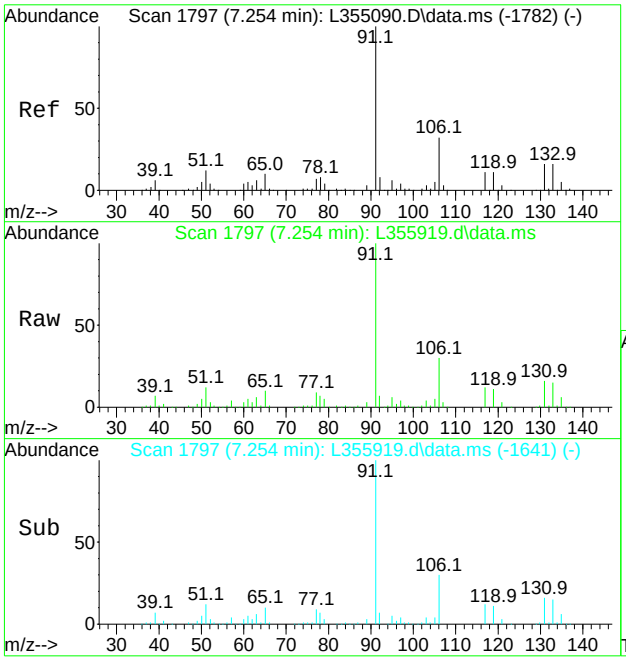


#86
1,1,1,2-tetrachloroethane
Concen: 17.5189 ug/L
RT: 7.250 min Scan# 1796
Delta R.T. -0.001 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:131 Resp: 48246

Ion	Ratio	Lower	Upper
131	100		
133	91.6	65.5	125.5
119	64.7	34.9	94.9

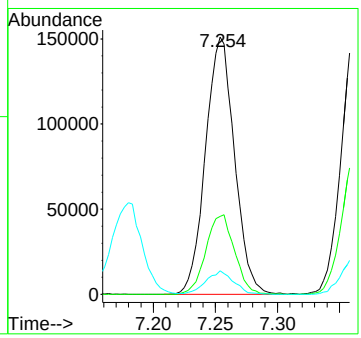


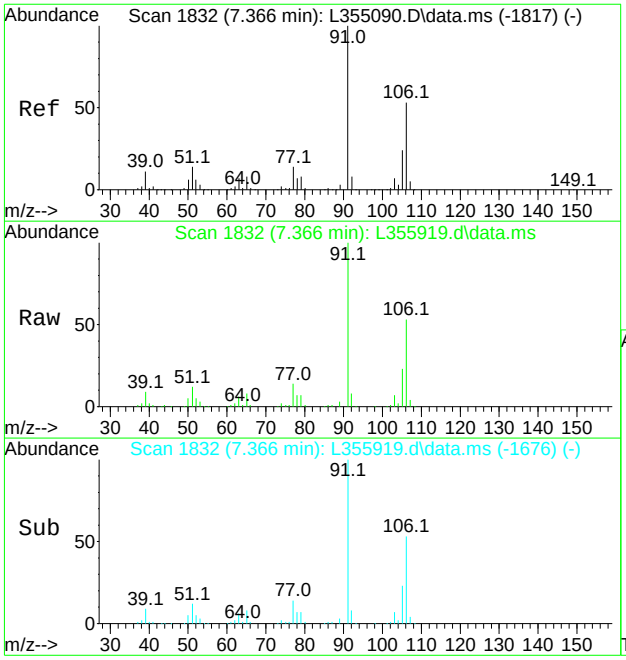


#87
ethylbenzene
Concen: 18.3065 ug/L
RT: 7.254 min Scan# 1797
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 91 Resp: 245319

Ion	Ratio	Lower	Upper
91	100		
106	30.3	1.8	61.8
77	9.1	0.0	38.8

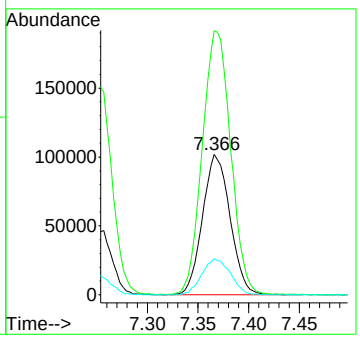


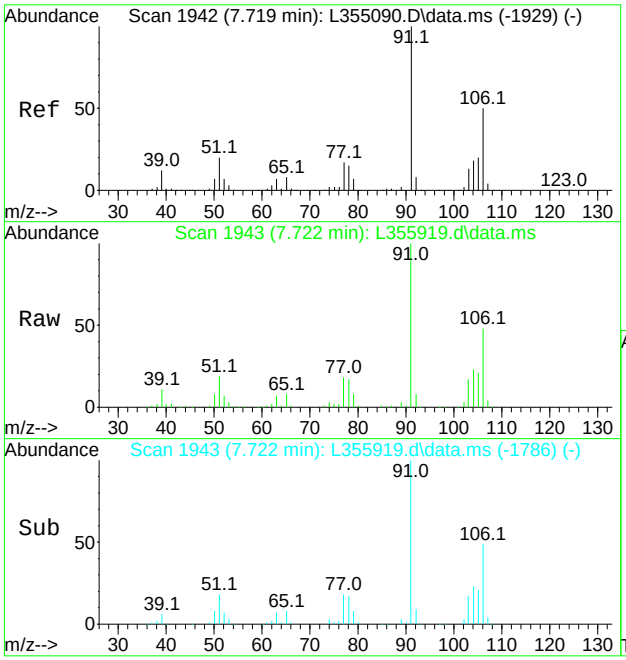


#88
m,p-xylene
Concen: 35.3901 ug/L
RT: 7.366 min Scan# 1832
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:106 Resp: 192803

Ion	Ratio	Lower	Upper
106	100		
91	188.0	158.2	218.2
77	25.7	6.9	46.9

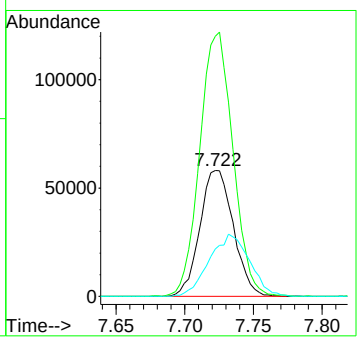


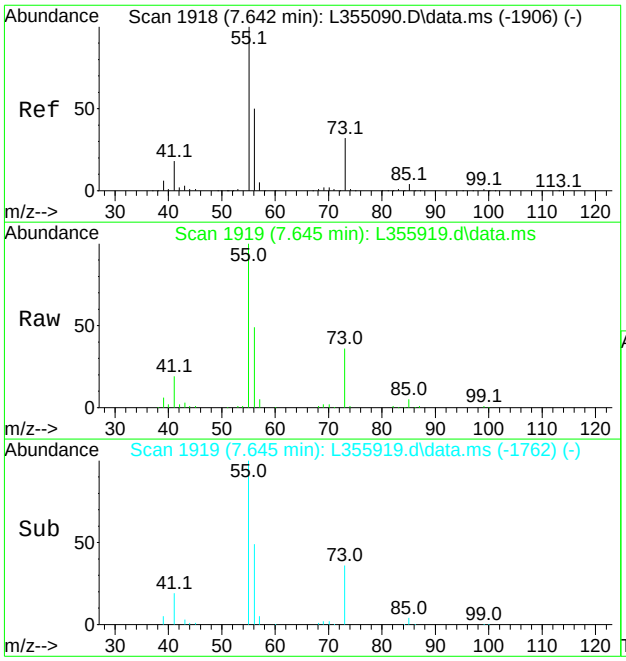


#89
o-xylene
Concen: 17.6685 ug/L
RT: 7.722 min Scan# 1943
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:106 Resp: 98592

Ion	Ratio	Lower	Upper
106	100		
91	206.8	170.0	230.0
77	37.8	14.0	54.0

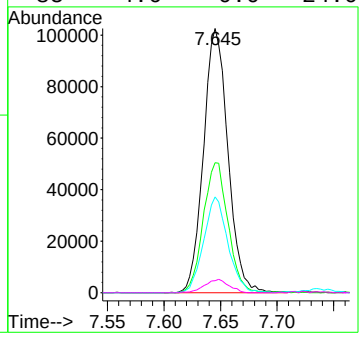


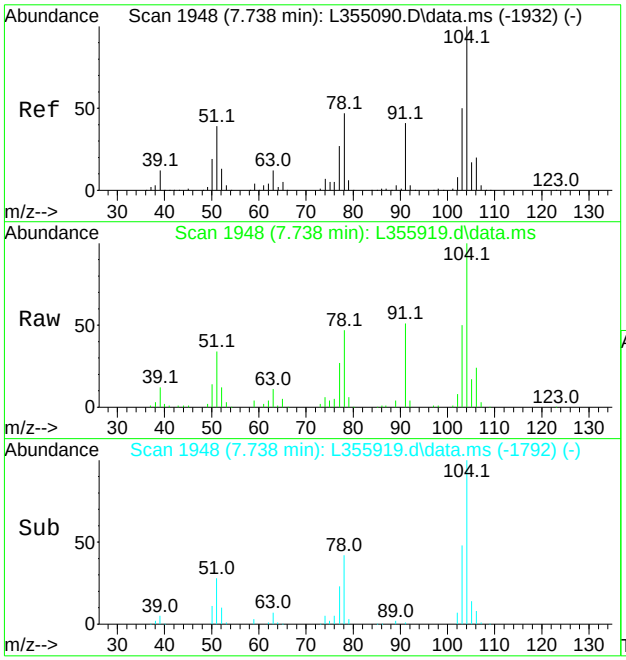


#90
butyl acrylate
Concen: 16.4598 ug/L
RT: 7.645 min Scan# 1919
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 55 Resp: 153887

Ion	Ratio	Lower	Upper
55	100		
56	49.2	30.4	70.4
73	36.3	11.9	51.9
85	4.6	0.0	24.0

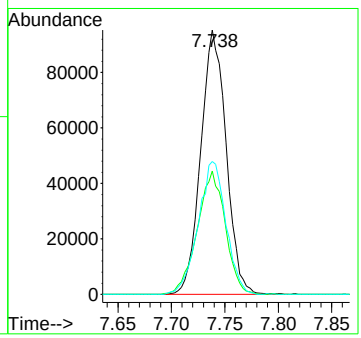


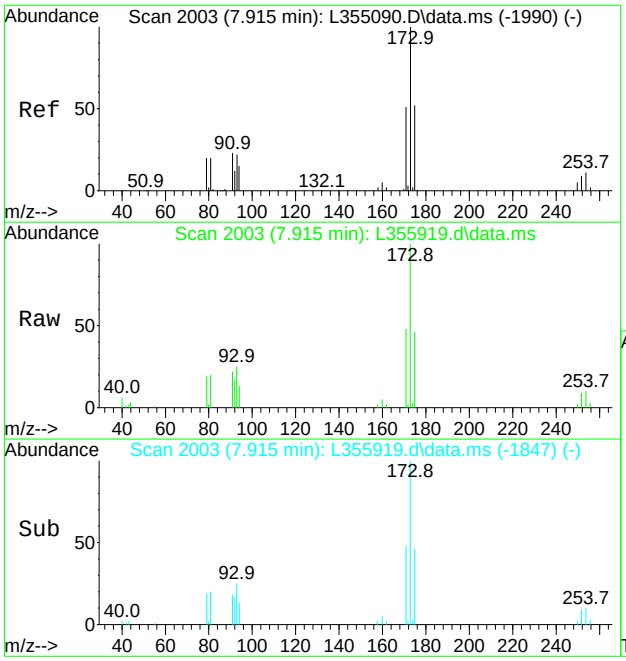


#91
styrene
Concen: 17.9848 ug/L
RT: 7.738 min Scan# 1948
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:104 Resp: 157452

Ion	Ratio	Lower	Upper
104	100		
78	46.6	17.3	77.3
103	50.3	19.8	79.8

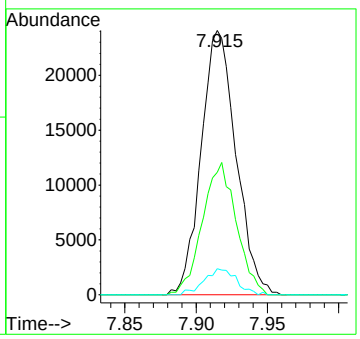


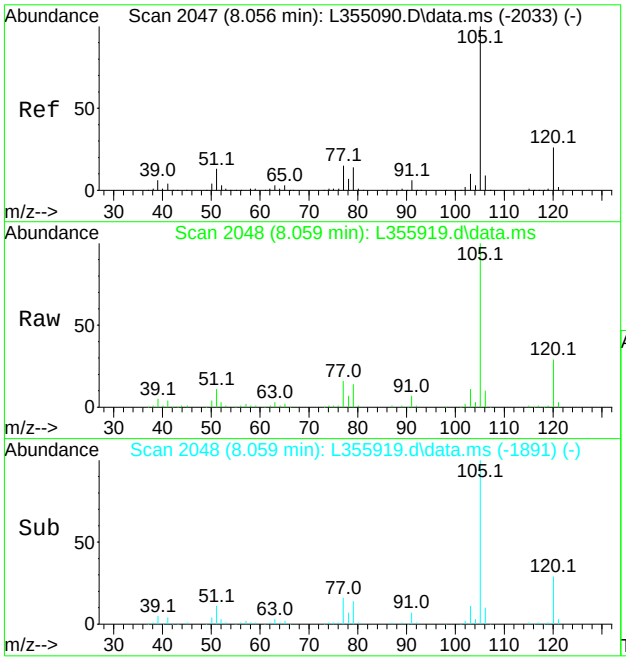


#92
bromoform
Concen: 17.3011 ug/L
RT: 7.915 min Scan# 2003
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:173 Resp: 41025

Ion	Ratio	Lower	Upper
173	100		
175	46.3	22.1	82.1
254	9.9	0.0	41.0

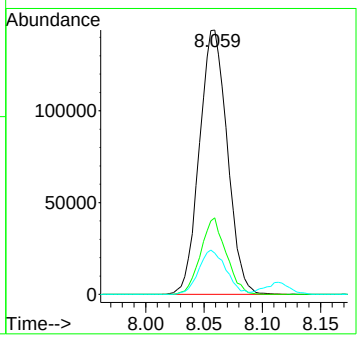


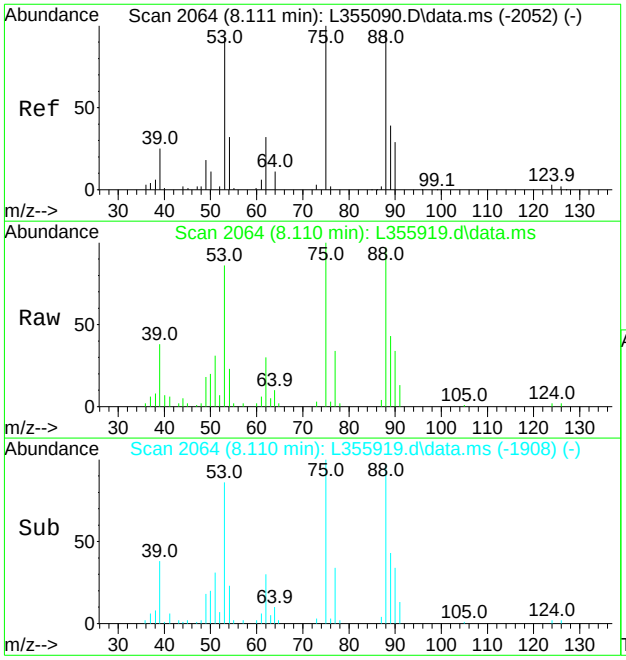


#93
isopropylbenzene
Concen: 17.2533 ug/L
RT: 8.059 min Scan# 2048
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:105 Resp: 239723

Ion	Ratio	Lower	Upper
105	100		
120	29.0	6.4	46.4
77	15.6	0.0	35.3

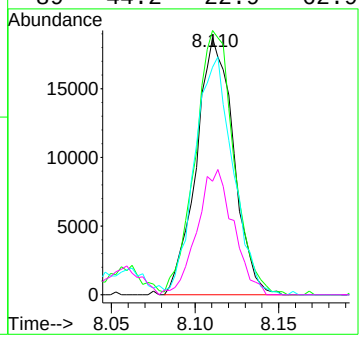


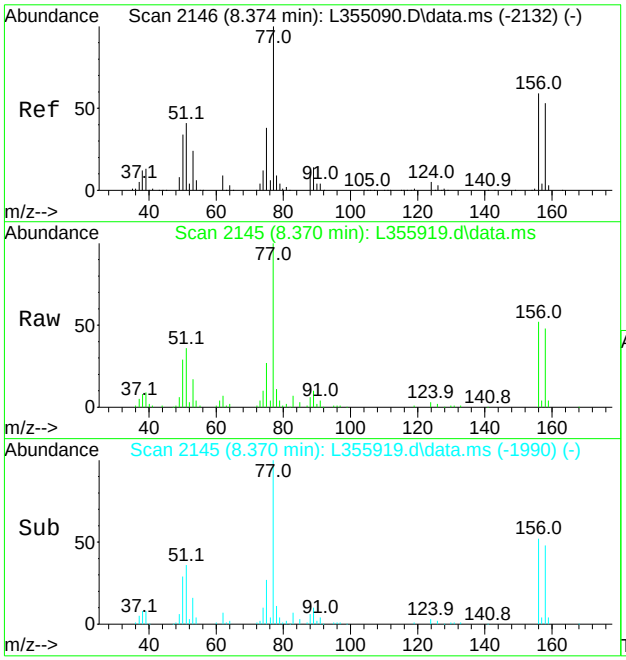


#94
cis-1,4-dichloro-2-butene
Concen: 18.8021 ug/L
RT: 8.110 min Scan# 2064
Delta R.T. -0.001 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 88 Resp: 29065

Ion	Ratio	Lower	Upper
88	100		
75	102.9	87.0	127.0
53	88.5	79.7	119.7
89	44.2	22.9	62.9

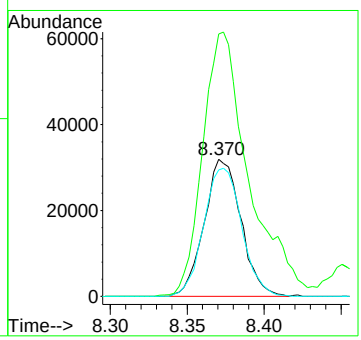


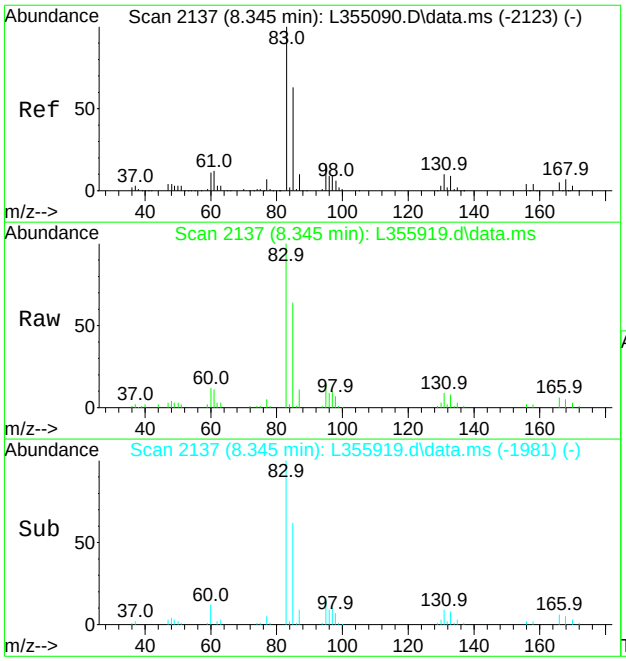


#97
bromobenzene
Concen: 18.3555 ug/L
RT: 8.370 min Scan# 2145
Delta R.T. -0.004 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:156 Resp: 53081

Ion	Ratio	Lower	Upper
156	100		
77	190.1	138.1	198.1
158	92.2	58.3	118.3

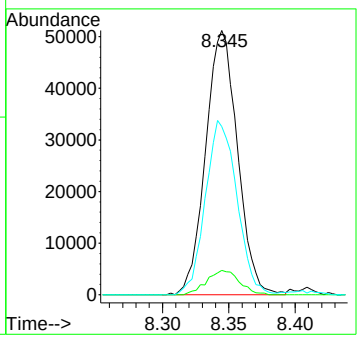


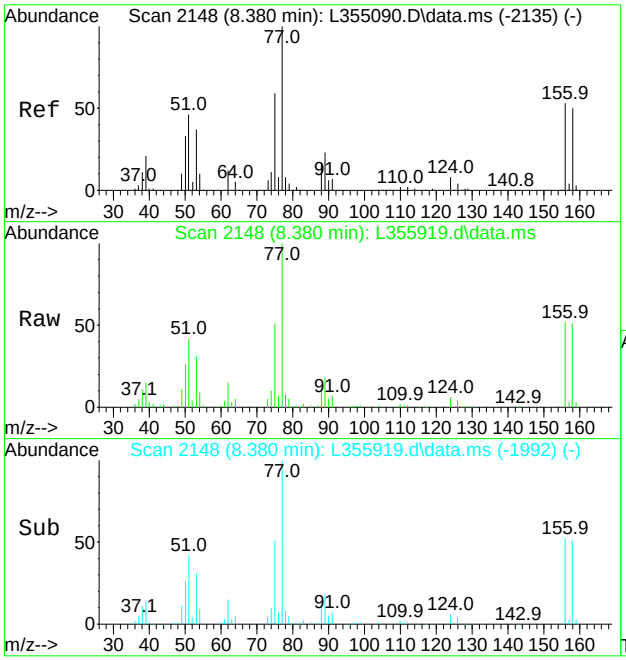


#98
1,1,2,2-tetrachloroethane
Concen: 20.3243 ug/L
RT: 8.345 min Scan# 2137
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 83 Resp: 85538

Ion	Ratio	Lower	Upper
83	100		
131	9.2	0.0	39.6
85	63.6	33.1	93.1

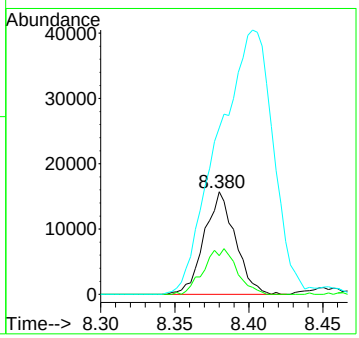


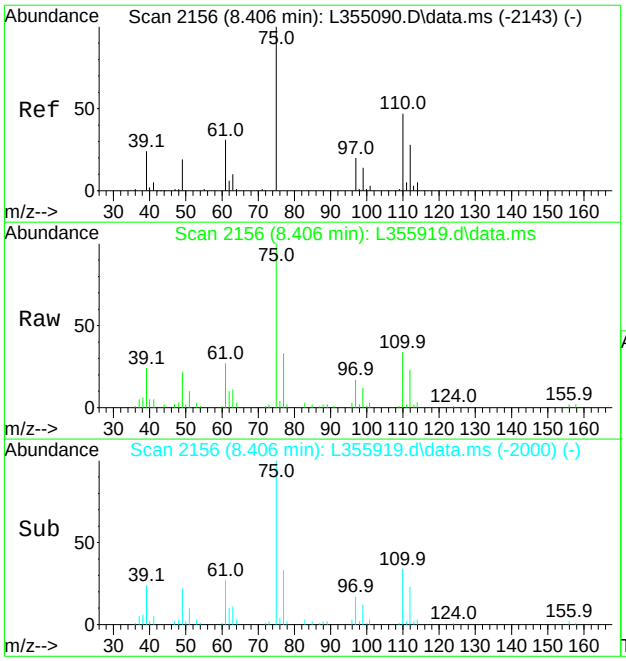


#99
trans-1,4-dichloro-2-butene
Concen: 16.9499 ug/L
RT: 8.380 min Scan# 2148
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 53 Resp: 22911

Ion	Ratio	Lower	Upper
53	100		
88	37.8	13.5	73.5
75	162.3	128.5	188.5

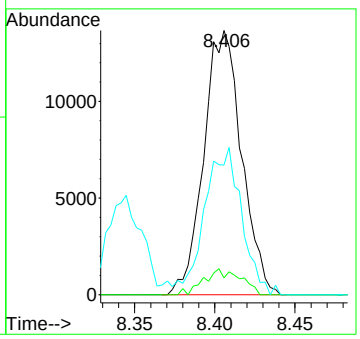


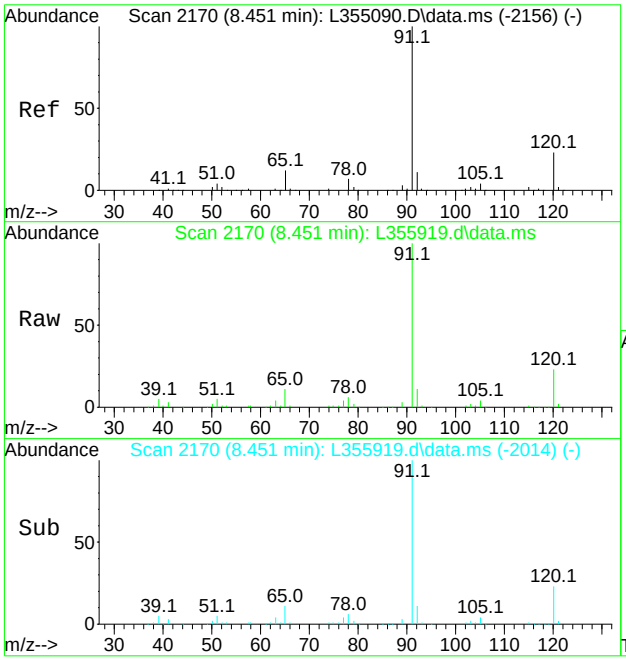


#100
1,2,3-trichloropropane
Concen: 19.9365 ug/L
RT: 8.406 min Scan# 2156
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:110 Resp: 22433

Ion	Ratio	Lower	Upper
110	100		
111	6.4	0.0	39.7
97	49.1	18.0	78.0

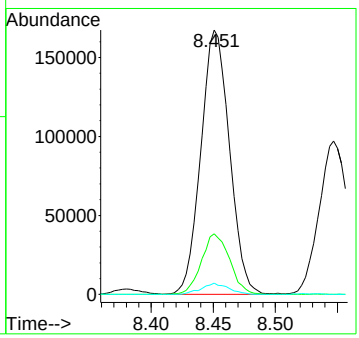


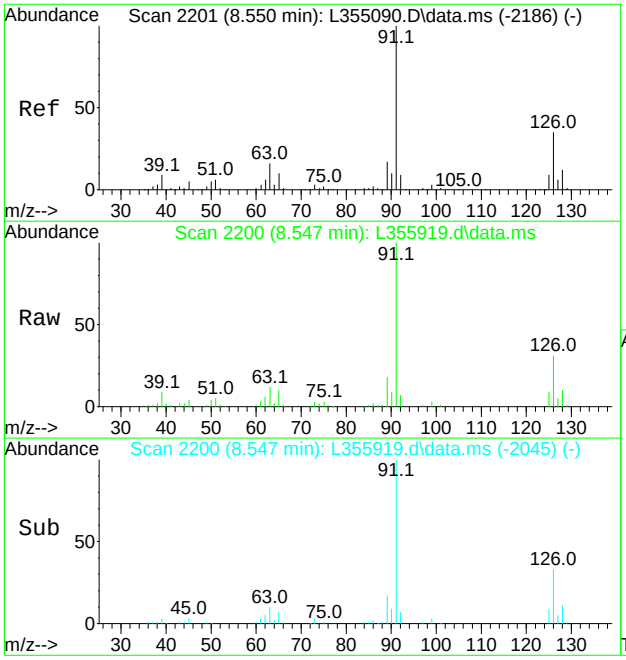


#101
n-propylbenzene
Concen: 18.4099 ug/L
RT: 8.451 min Scan# 2170
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 91 Resp: 268864

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	53.4
105	4.3	0.0	34.1

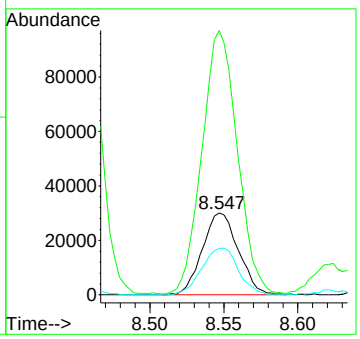


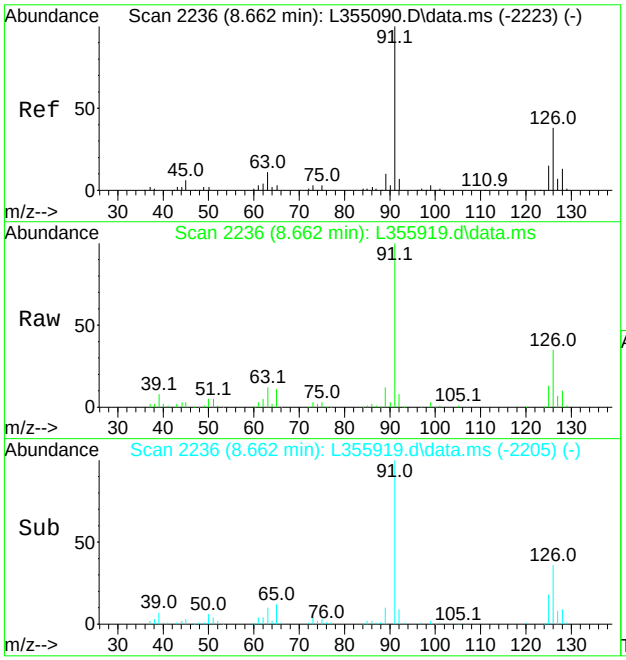


#102
2-chlorotoluene
Concen: 17.8615 ug/L
RT: 8.547 min Scan# 2200
Delta R.T. -0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:126 Resp: 50744

Ion	Ratio	Lower	Upper
126	100		
91	321.7	258.6	318.6#
89	56.9	18.8	78.8

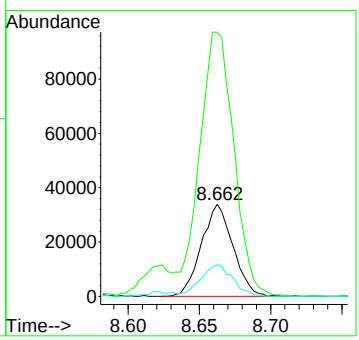


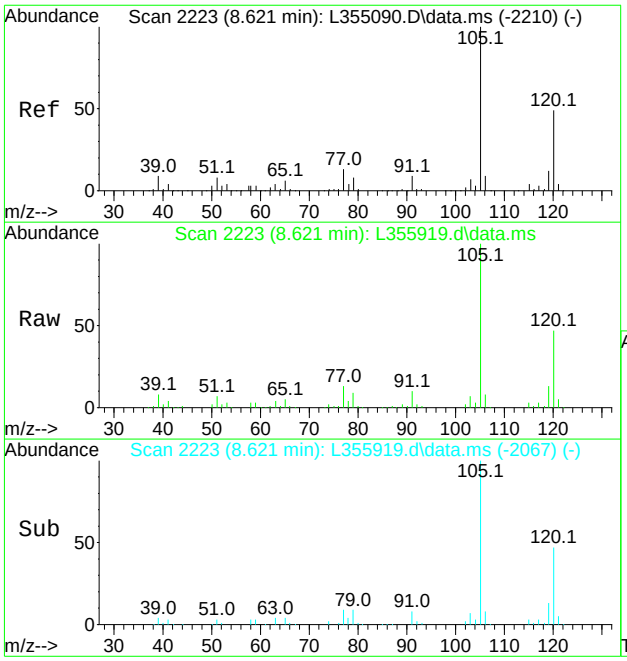


#103
4-chlorotoluene
Concen: 18.9722 ug/L
RT: 8.662 min Scan# 2236
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:126 Resp: 52218

Ion	Ratio	Lower	Upper
126	100		
91	285.4	272.7	332.7
89	34.3	2.4	62.4

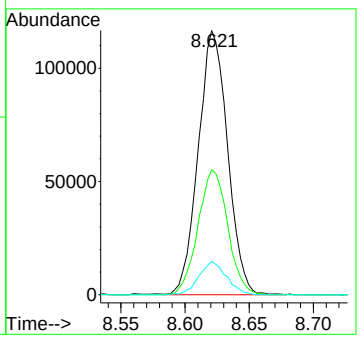


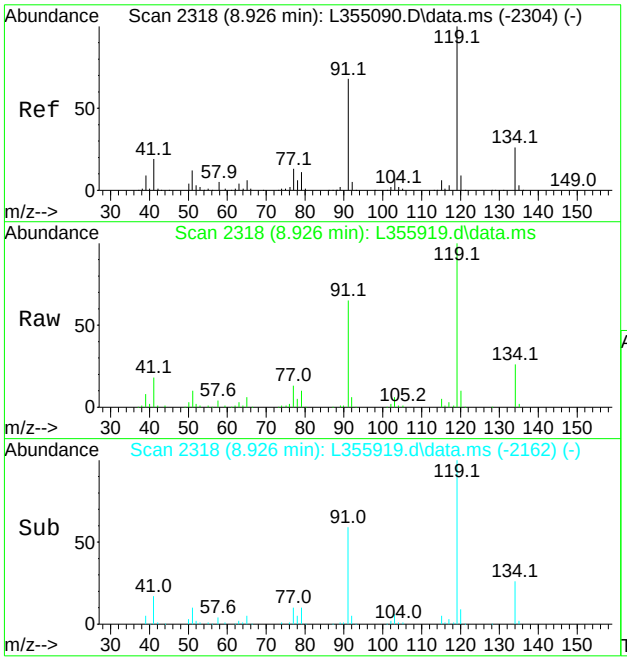


#104
1,3,5-trimethylbenzene
Concen: 18.0447 ug/L
RT: 8.621 min Scan# 2223
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:105 Resp: 185744

Ion	Ratio	Lower	Upper
105	100		
120	47.3	19.0	79.0
119	12.7	0.0	42.2

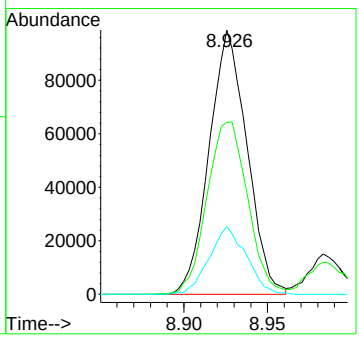


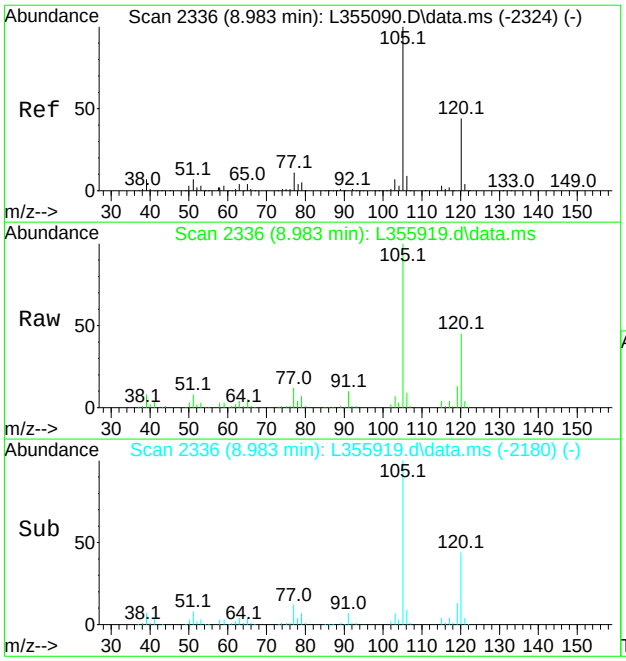


#105
tert-butylbenzene
Concen: 18.0784 ug/L
RT: 8.926 min Scan# 2318
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:119 Resp: 155444

Ion	Ratio	Lower	Upper
119	100		
91	64.8	38.0	98.0
134	25.7	0.0	56.2

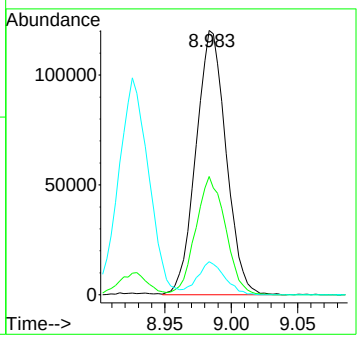


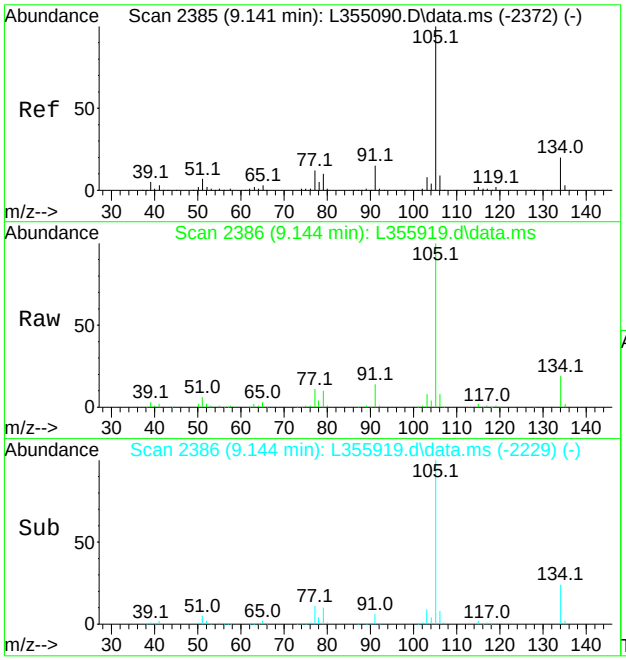


#106
1,2,4-trimethylbenzene
Concen: 18.4705 ug/L
RT: 8.983 min Scan# 2336
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:105 Resp: 190029

Ion	Ratio	Lower	Upper
105	100		
120	44.7	15.8	75.8
119	12.5	0.0	42.1

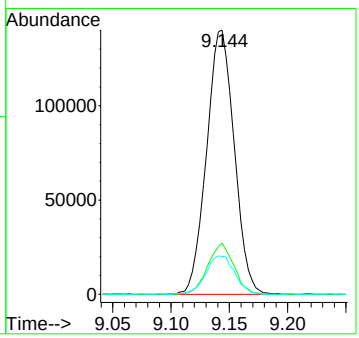


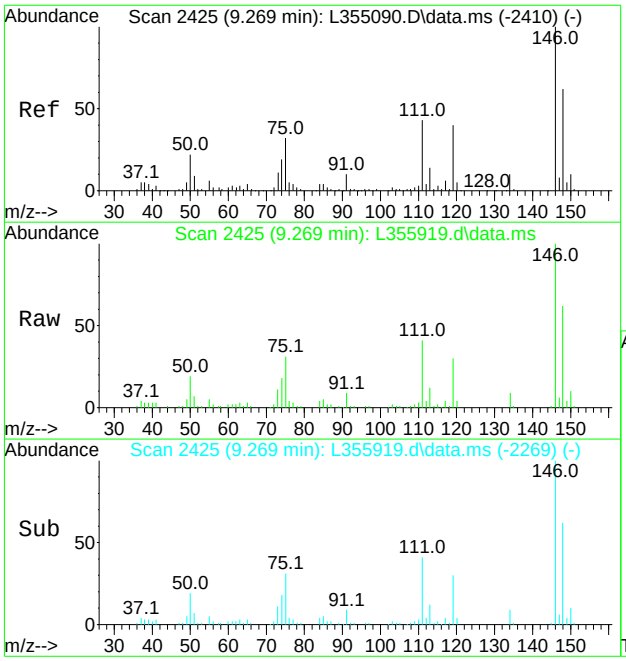


#107
sec-butylbenzene
Concen: 18.4346 ug/L
RT: 9.144 min Scan# 2386
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:105 Resp: 231517

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	50.4
91	14.3	0.0	45.4

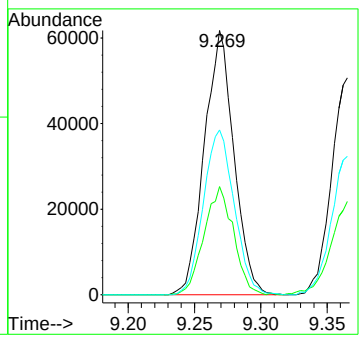


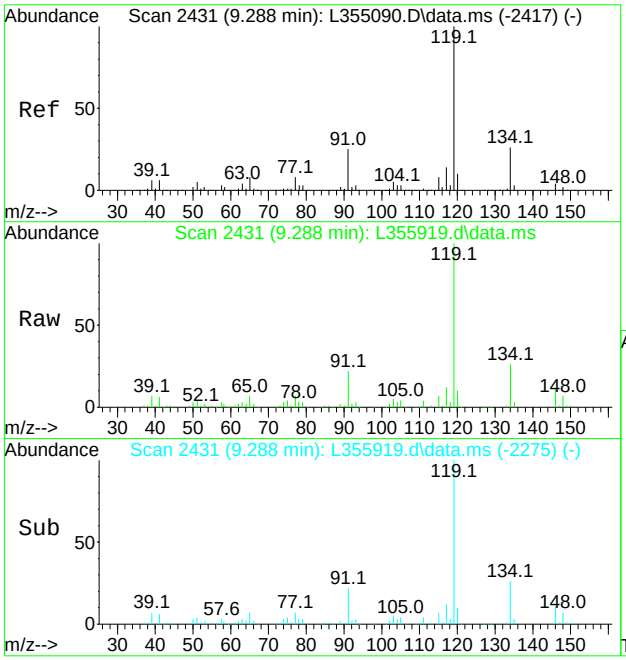


#108
1,3-dichlorobenzene
Concen: 19.0465 ug/L
RT: 9.269 min Scan# 2425
Delta R.T. -0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:146 Resp: 95562

Ion	Ratio	Lower	Upper
146	100		
111	40.9	13.1	73.1
148	62.3	32.4	92.4

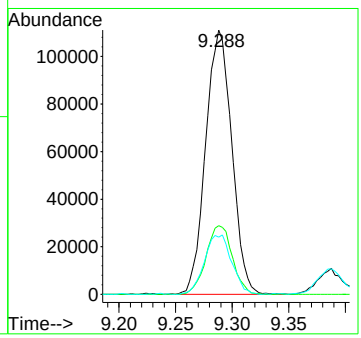


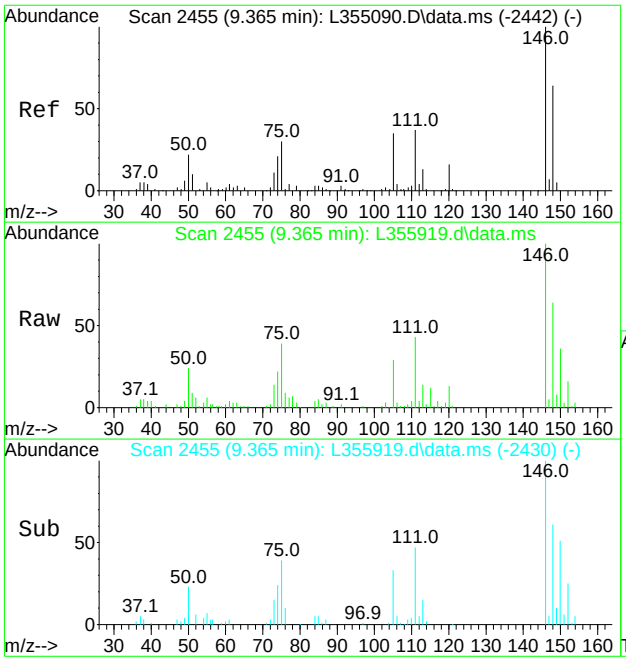


#109
p-isopropyltoluene
Concen: 18.4574 ug/L
RT: 9.288 min Scan# 2431
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:119 Resp: 178433

Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	56.2
91	21.7	0.0	55.0

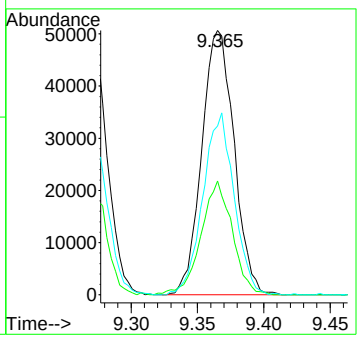


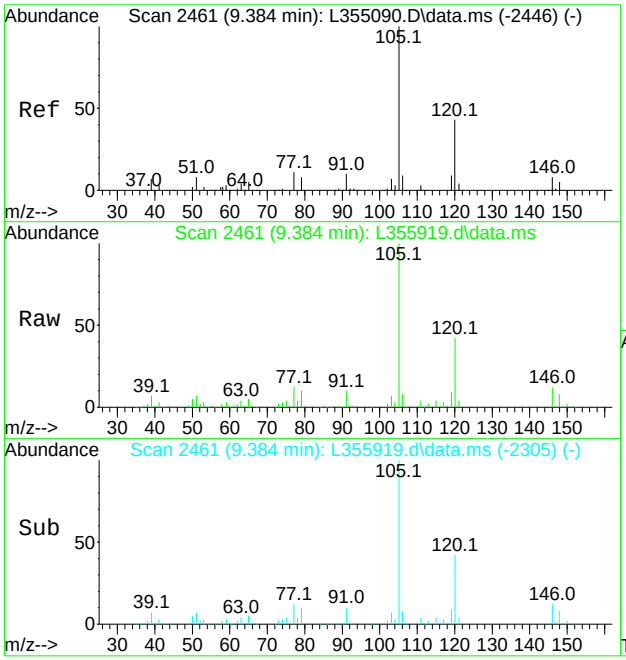


#110
1,4-dichlorobenzene
Concen: 18.8476 ug/L
RT: 9.365 min Scan# 2455
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:146 Resp: 85870

Ion	Ratio	Lower	Upper
146	100		
111	43.1	7.6	67.6
148	63.8	33.7	93.7

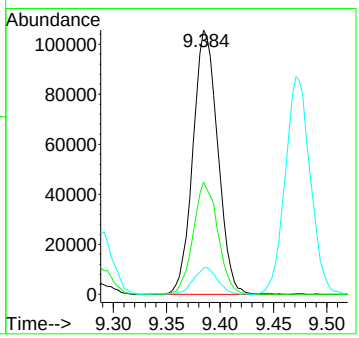


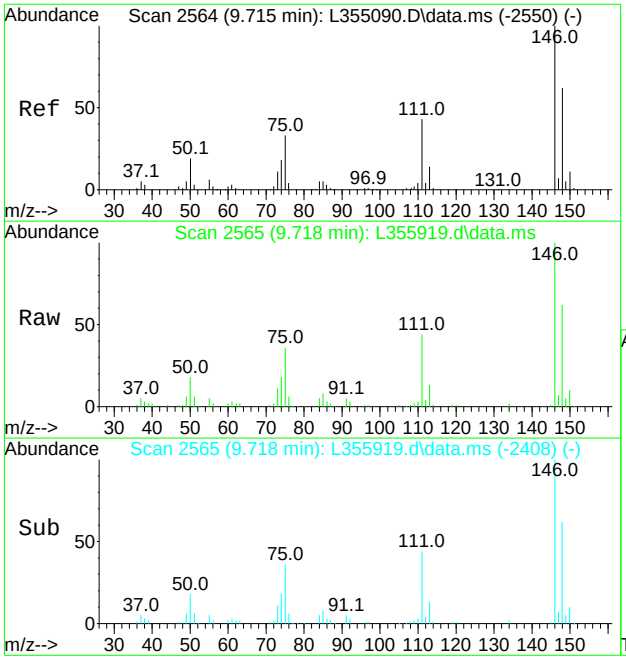


#111
1,2,3-trimethylbenzene
Concen: 18.2989 ug/L
RT: 9.384 min Scan# 2461
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:105 Resp: 171019

Ion	Ratio	Lower	Upper
105	100		
120	42.5	13.0	73.0
91	9.7	0.0	39.8

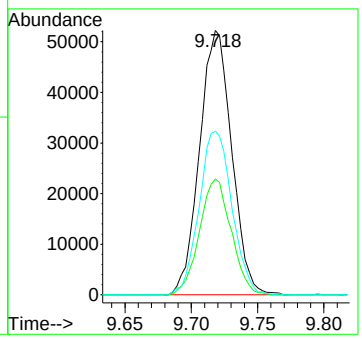


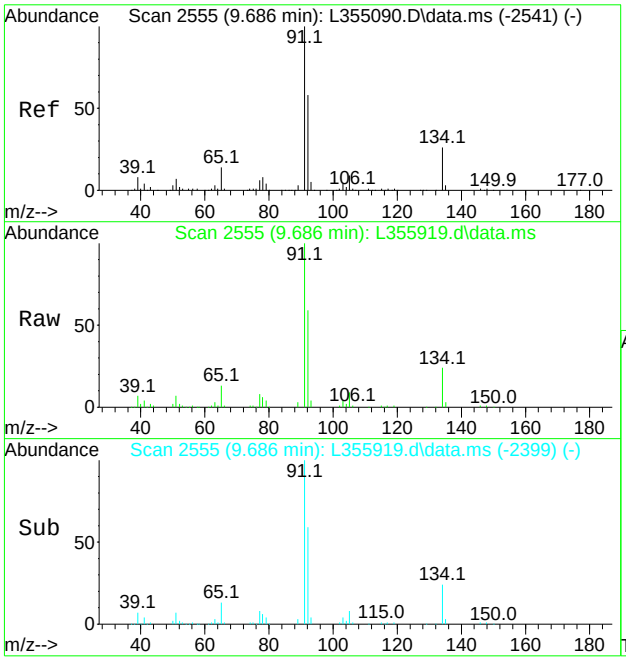


#112
1,2-dichlorobenzene
Concen: 18.9881 ug/L
RT: 9.718 min Scan# 2565
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:146 Resp: 88030

Ion	Ratio	Lower	Upper
146	100		
111	43.8	13.0	73.0
148	61.9	32.1	92.1

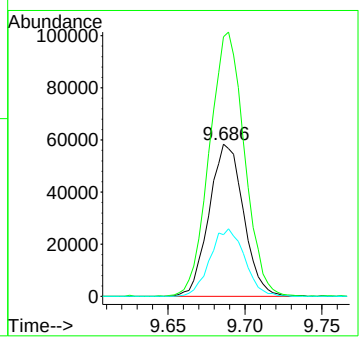


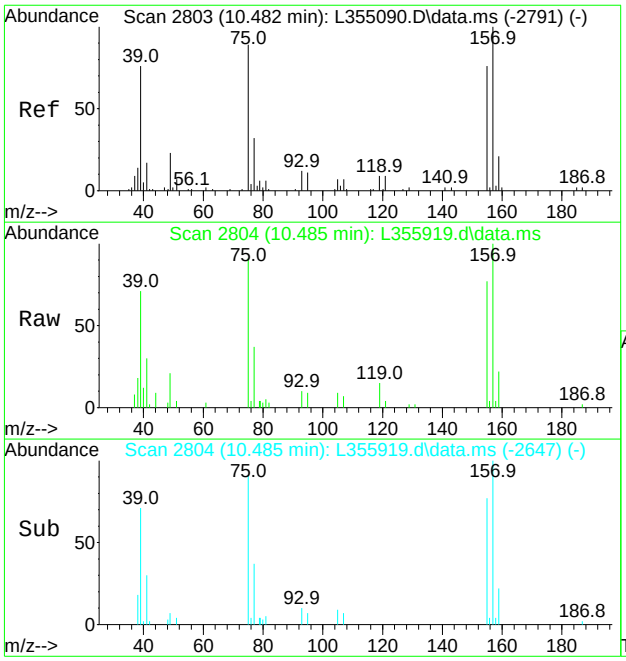


#113
n-butylbenzene
Concen: 18.8037 ug/L
RT: 9.686 min Scan# 2555
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 92 Resp: 90814

Ion	Ratio	Lower	Upper
92	100		
91	170.5	141.2	201.2
134	40.6	14.9	74.9

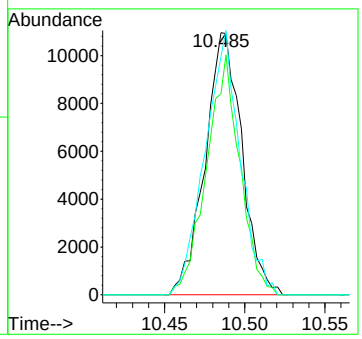


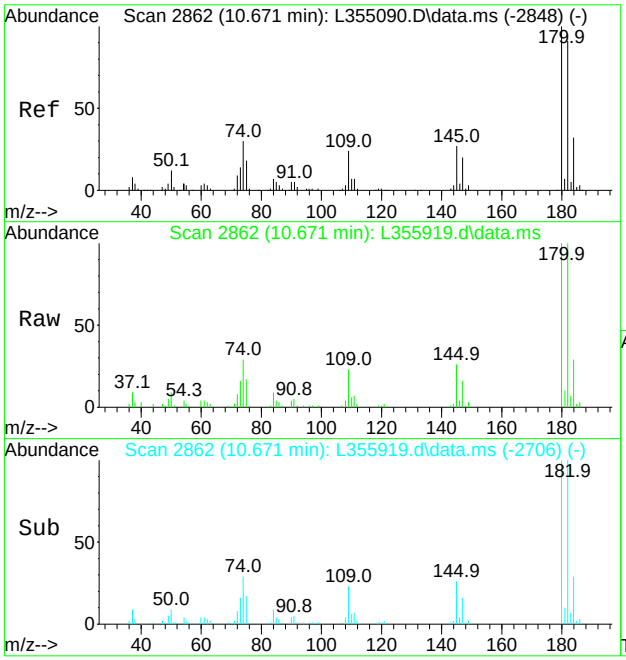


#114
1,2-dibromo-3-chloropropane
Concen: 19.3657 ug/L
RT: 10.485 min Scan# 2804
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:157 Resp: 17494

Ion	Ratio	Lower	Upper
157	100		
155	76.8	46.0	106.0
75	91.0	58.9	118.9

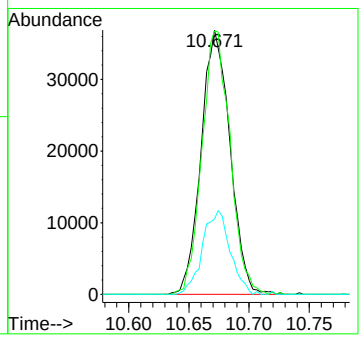


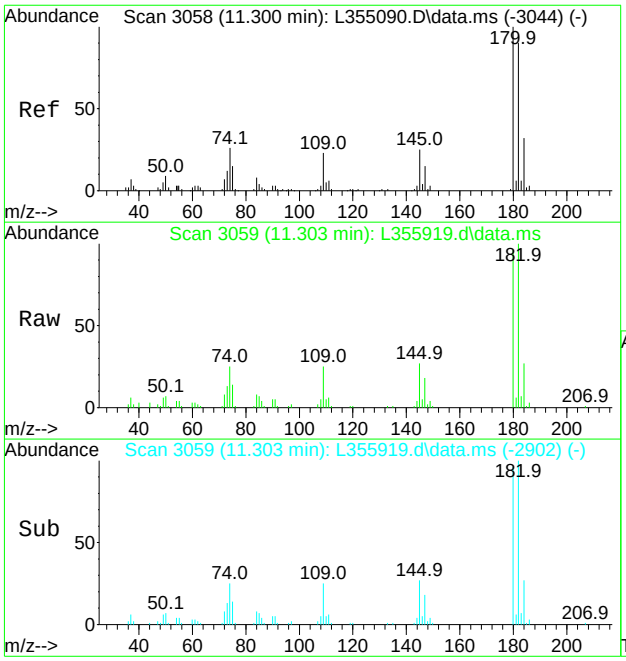


#115
1,3,5-trichlorobenzene
Concen: 19.9038 ug/L
RT: 10.671 min Scan# 2862
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:180 Resp: 61795

Ion	Ratio	Lower	Upper
180	100		
182	99.6	61.0	121.0
184	28.5	1.5	61.5

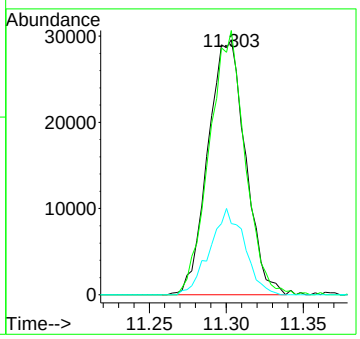


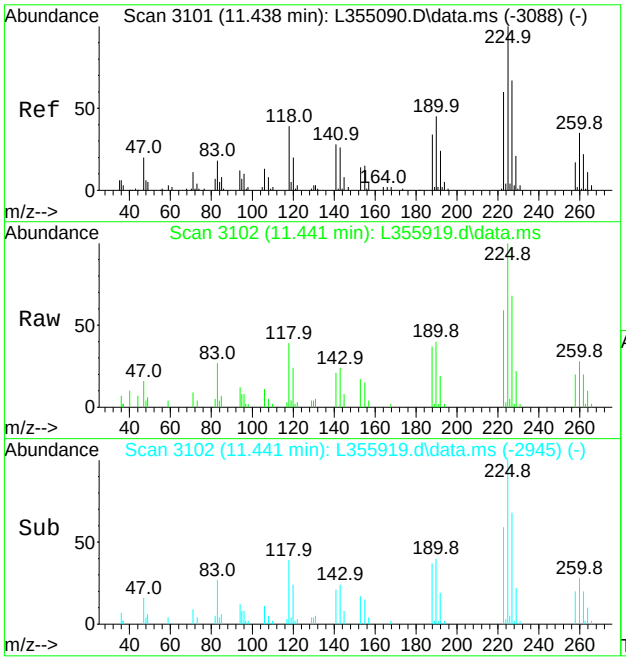


#116
1,2,4-trichlorobenzene
Concen: 19.8005 ug/L
RT: 11.303 min Scan# 3059
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:180 Resp: 50032

Ion	Ratio	Lower	Upper
180	100		
182	103.7	59.8	119.8
184	28.0	1.8	61.8

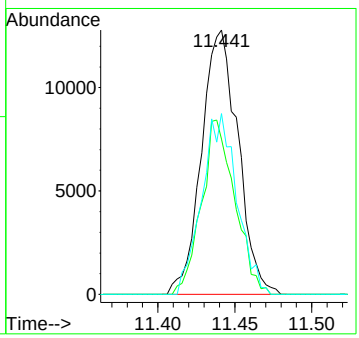


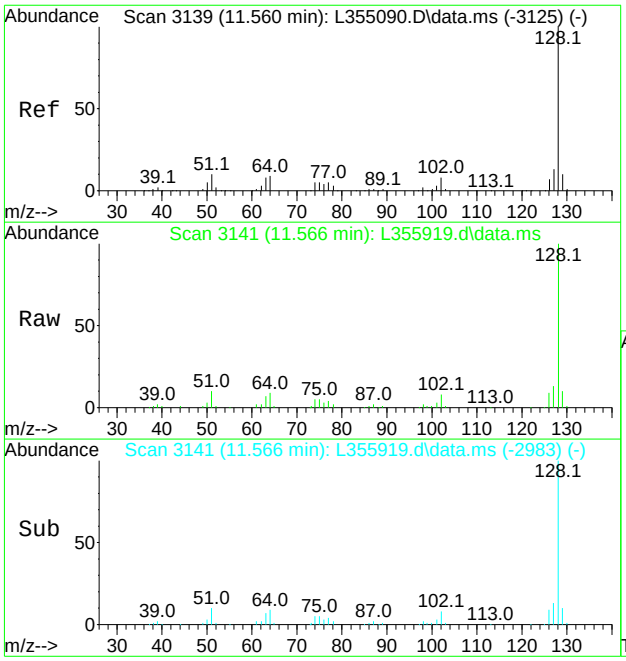


#117
hexachlorobutadiene
Concen: 18.0274 ug/L
RT: 11.441 min Scan# 3102
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:225 Resp: 21104

Ion	Ratio	Lower	Upper
225	100		
223	58.8	30.5	90.5
227	68.4	37.2	97.2

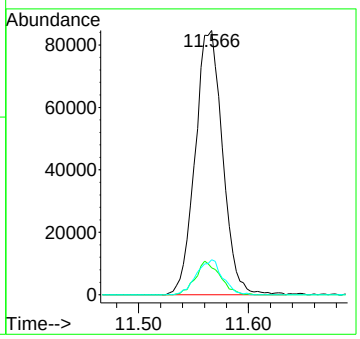


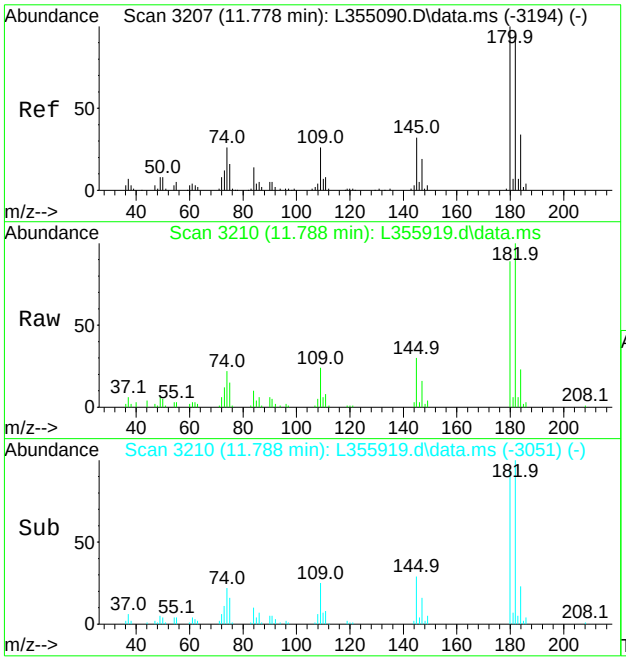


#118
naphthalene
Concen: 21.1838 ug/L
RT: 11.566 min Scan# 3141
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:128 Resp: 146567

Ion	Ratio	Lower	Upper
128	100		
129	10.2	0.0	40.2
127	13.3	0.0	43.0

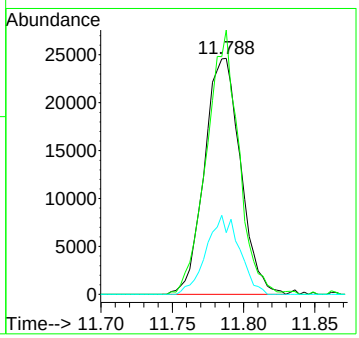


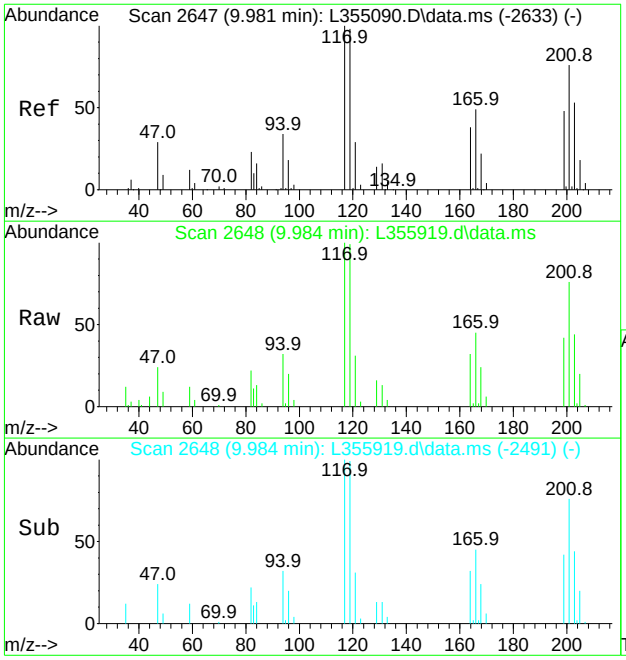


#119
1,2,3-trichlorobenzene
Concen: 20.0169 ug/L
RT: 11.788 min Scan# 3210
Delta R.T. 0.010 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:180 Resp: 43289

Ion	Ratio	Lower	Upper
180	100		
182	112.0	63.1	123.1
184	26.2	3.8	63.8

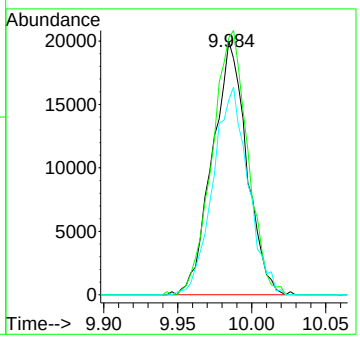


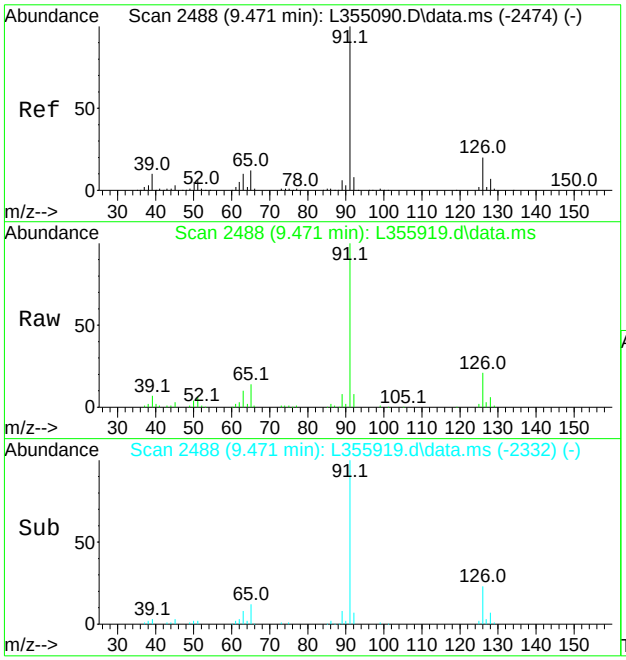


#120
hexachloroethane
Concen: 17.2988 ug/L
RT: 9.984 min Scan# 2648
Delta R.T. 0.003 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:119 Resp: 32188

Ion	Ratio	Lower	Upper
119	100		
117	101.3	71.9	131.9
201	76.8	47.2	107.2

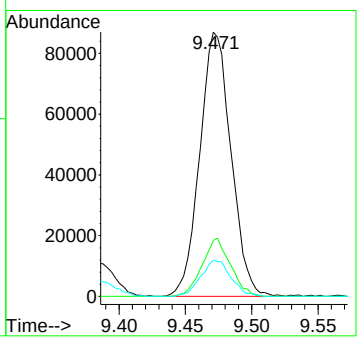


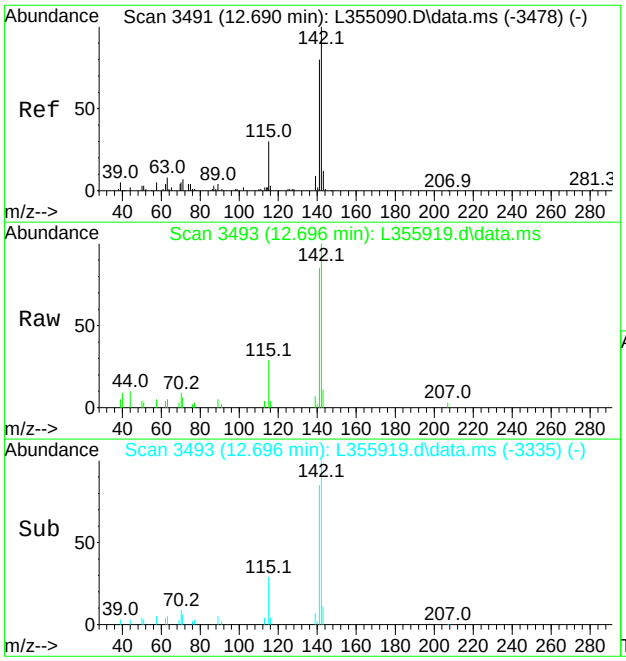


#121
benzyl chloride
Concen: 19.7659 ug/L
RT: 9.471 min Scan# 2488
Delta R.T. 0.000 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion: 91 Resp: 142501

Ion	Ratio	Lower	Upper
91	100		
126	21.1	0.0	50.3
65	13.7	0.0	42.2

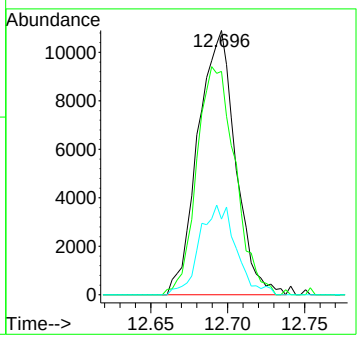




#122
2-methylnaphthalene
Concen: 9.2629 ug/L
RT: 12.696 min Scan# 3493
Delta R.T. 0.006 min
Lab File: L355919.d
Acq: 22 May 2023 9:07 am

Tgt Ion:142 Resp: 18528

Ion	Ratio	Lower	Upper
142	100		
141	84.5	59.9	99.9
115	28.6	10.4	50.4



SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 04/29/2023

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-90.51	5/3/2023	100-10,000ppm
EC: V023-2768-126.7	5/1/2023	100ppm

Batch ID: V1F156

Print Analyst Name: Prashant Shukla

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 04/29/2023

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-90.51	5/3/2023	100-10,000ppm
EC: V023-2768-126.7	5/1/2023	100ppm
AA: V023-2768-113.44	5/18/2023	100ppm
EXT.ABK: V023-2768-129.1	5/25/2023	100ppm
EXT.EC: V023-2768-133	5/5/2023	100ppm
EXT.Acrolein: V023-2768-130	5/28/2023	100ppm
EXT.PA: V023-2768-121.1	5/21/2023	100ppm
EXT.CDFM: V023-2768.97	5/4/2023	100ppm

Internal/Surrogate data

Lot#	Expiration Date	concentration
V023-2768-92	5/3/2023	50/500ppm

pH paper

Batch ID: V1F156

Print Analyst Name: Prashant Shukla

Analyst Signature:
Data Processed By: Mohui Huang
Columns: Rtx-VMS (30m x 0.18mm x 1um)

Method: V8260D

Initial Cal. Method: M1F156.M

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	bfb	MF156	1F4665	MS68327,V1F156,5,,,,1		5ml			ok	T=20:51
2	ic156-0.2	MF156	1F4667	MS68327,V1F156,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 500mL H20
3	ic156-0.5	MF156	1F4669	MS68327,V1F156,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 200mL H20
4	ic156-1	MF156	1F4671	MS68327,V1F156,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 100mL H20
5	ic156-2	MF156	1F4673	MS68327,V1F156,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 50mL H20
6	ic156-4	MF156	1F4675	MS68327,V1F156,5,,,,1		5ml			ok	2uL Std ABK/EC/AA in 50mL H20
7	ic156-8	MF156	1F4677	MS68327,V1F156,5,,,,1		5ml			ok	4uL Std ABK/EC/AA in 50mL H20
8	ic156-20	MF156	1F4679	MS68327,V1F156,5,,,,1		5ml			ok	10uL Std ABK/EC/AA in 50mL H20
9	icc156-50	MF156	1F4681	MS68327,V1F156,5,,,,1		5ml			ok	25uL Std ABK/EC/AA in 50mL H20
10	ic156-100	MF156	1F4683	MS68327,V1F156,5,,,,1		5ml			ok	50uL Std ABK/EC/AA in 50mL H20
11	ic156-200	MF156	1F4685	MS68327,V1F156,5,,,,1		5ml			ok	100uL Std ABK/EC/AA in 50mL H20
12	ib	MF156	1F4687	MS68327,V1F156,5,,,,1		5ml				
13	ib	MF156	1F4689	MS68327,V1F156,5,,,,1		5ml				
14	icv156-50	MF156	1F4691	MS68327,V1F156,5,,,,1		5ml			ok	25uL Std EXT. ABK/EC/AA in 50mL H20
15	icv156-50	MF156	1F4693	MS68327,V1F156,5,,,,1		5ml			ok	25uL Std EXT.PA/CDFM in 50mL H20
16	ib	MF156	1F4695	MS68327,V1F156,5,,,,1		5ml				
17										
18										
19										
20										
21										
22										

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 04/29/2023

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-90.51	5/3/2023	100-10,000ppm
EC: V023-2768-126.7	5/1/2023	100ppm
AA: V023-2768-113.44	5/18/2023	100ppm
EXT.ABK: V023-2768-129.1	5/25/2023	100ppm
EXT.EC: V023-2768-133	5/5/2023	100ppm
EXT.Acrolein: V023-2768-130	5/28/2023	100ppm
EXT.PA: V023-2768-121.1	5/21/2023	100ppm
EXT.CDFM: V023-2768.97	5/4/2023	100ppm

Internal/Surrogate data

Lot#	Expiration Date	concentration
V023-2768-92	5/3/2023	50/500ppm

pH paper

Batch ID: V1F156

Print Analyst Name: Prashant Shukla

Analyst Signature:
Data Processed By: Mohui Huang
Columns: Rtx-VMS (30m x 0.18mm x 1um)

Method: V8260D

Initial Cal. Method: M1F156.M

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
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/19/23

Standard data

Lot#	Expiration Date	concentration
A:V023-2754-9	6/18/2023	100PPM
C:V023-2754-5	5/22/2023	100PPM
V023-2768-1	5/29/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
V023-2768-1	5/23/2023	50-500PPM
paper:2222	8/1/2024	

Batch ID:v1f179

Print Analyst Name:
Processed By:
Analyst Signature:

Columns:

Method:

Initial Cal. Method:

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	M1F156	1F5286	MS69457,V1F178,5,,,,1		5			ok	
2	ib	M2F156	2F5287	MS69457,V2F178,5,,,,1		5				
3	cc156-20	M1F156	1F5288	MS69457,V1F178,5,,,,1		5			ok	10:28a.m.; 20uL ABK, AA, EC / 100mL
4	cc156-20	M2F156	2F5289	MS69457,V2F178,5,,,,1		5				not used; 20uL ABK, AA, EC / 100mL
5	cc156-1	M1F156	1F5290	MS69457,V1F178,5,,,,1		5			ok	1uL ABK, AA, EC / 100mL
6	bs	M1F156	1F5291	MS69457,V1F178,5,,,,1		5			ok	50uL ABK, AA, EC / 100mL
7	ib	M1F156	1F5292	MS69457,V1F178,5,,,,1		5			ok	
8	mb	M1F156	1F5293	MS69457,V1F178,5,,,,1		5			ok	
9	jd65466-1	M1F156	1F5294	MS69316,V1F178,5,,,,1	1	5		1	ok	L355776
10	jd65467-5	M1F156	1F5295	MS69316,V1F178,5,,,,1	1	5		1	ok	L355785
11	jd65466-2	M1F156	1F5296	MS69316,V1F178,5,,,,10	1	5.0/50		1	ok	L355777
12	jd65467-4	M1F156	1F5297	MS69316,V1F178,5,,,,1	1	5		1	rr	corr rr f/d; L355784
13	jd65466-2	M1F156	1F5298	MS69316,V1F178,5,,,,1	1	5		1	rr	corr rr f/d; 1F5296
14	jd65466-6	M1F156	1F5299	MS69316,V1F178,5,,,,1	1	5		1	rr	corr rr f/d;L355768
15	jd65754-4	M1F156	1F5300	MS69464,V1F178,5,,,,5	2	10.0/50		7	ok	1V97232

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/19/23

Standard data

Lot#	Expiration Date	concentration
A:V023-2754-9	6/18/2023	100PPM
C:V023-2754-5	5/22/2023	100PPM
/023-2768-1	5/29/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
V023-2768-1	5/23/2023	50-500PPM
paper:2222	8/1/2024	

Batch ID:v1f179

Print Analyst Name:
Processed By:
Analyst Signature:

Columns:

Method:

Initial Cal. Method:

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
16	jd65823-2	M1F156	1F5301	MS69505,V1F178,5,,,,10	1	5.0/50		1	rr	corr rr o/d
17	jd65823-3	M1F156	1F5302	MS69505,V1F178,5,,,,10	1	5.0/50		1	rr	corr rr o/d
18	jd65823-1ms	M1F156	1F5303	MS69505,V1F178,5,,,,10	1	5.0/50		1	ok	25uL ABK, AA, EC / 50mL
19	jd65823-1msd	M1F156	1F5304	MS69505,V1F178,5,,,,10	1	5.0/50		1	ok	25uL ABK, AA, EC / 50mL
20	jd65467-4	M1F156	1F5305	MS69316,V1F178,5,,,,10	1	5.0/50		1	rr	corr rr o/d
21	jd65710-8	M1F156	1F5306	MS69444,V1F178,5,,,,1	2	5		1	ok	
22	jd65823-11	M1F156	1F5307	MS69505,V1F178,5,,,,1	1	5		1	ok	
23	jd65823-12	M1F156	1F5308	MS69505,V1F178,5,,,,1	1	5		1	ok	
24	jd65823-1	M1F156	1F5309	MS69505,V1F178,5,,,,10	1	5.0/50		1	rr	corr rr o/d
25	jd65694-4	M1F156	1F5310	MS69416,V1F178,5,,,,1	2	5		1	ok	
26	jd65823-4	M1F156	1F5311	MS69505,V1F178,5,,,,1	1	5		1	ok	
27	jd65823-5	M1F156	1F5312	MS69505,V1F178,5,,,,1	1	5		1	ok	08:31pm
28	jd65823-6	M1F156	1F5313	MS69505,V1F178,5,,,,1	1	5			nr	chemstation stopped
29	jd65823-7	M1F156	1F5314	MS69505,V1F178,5,,,,1	1	5			nr	
30	jd65823-10	M1F156	1F5315	MS69505,V1F178,5,,,,1	1	5			nr	

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/19/23

Standard data

Lot#	Expiration Date	concentration
A:V023-2754-9	6/18/2023	100PPM
C:V023-2754-5	5/22/2023	100PPM
V023-2768-1	5/29/2023	100-10000PPM

Internal/SUrrogate data

Lot#	Expiration Date	concentration
V023-2768-1	5/23/2023	50-500PPM
paper:2222	8/1/2024	

Batch ID:v1f179

Print Analyst Name:
Processed By:
Analyst Signature:

Columns:

Method:

Initial Cal. Method:

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
31	jd65823-8	M1F156	1F5316	MS69505,V1F178,5,,,,5	1	10.0/50			nr	
32	ib	M1F156	1F5317	MS69505,V1F178,5,,,,1		5				

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/09/23

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-135	5/29/2023	100-10,000ppm
EC: V023-2768-137	5/10/2023	100ppm
AA: V023-2768-113.44	5/18/2023	100ppm
EXT.ABK: V023-2768-129.1	5/25/2023	100ppm
EXT.EC: V023-2768-133	5/5/2023	100ppm
EXT.Acrolein: V023-2768-130	5/28/2023	100ppm
EXT.PA: V023-2768-121.1	5/21/2023	100ppm
EXT.CDFM: V023-2768-141	6/9/2023	100ppm

Internal/Surrogate data

Lot#	Expiration Date	concentration
V023-2768-125	5/23/2023	50/500ppm

pH paper

Batch ID: V2R111

Print Analyst Name:
Prashant Shukla
Processed By:
Mohui Huang
Columns:
Restek Rxi-624Sil(30m x 0.25mm x 1.4um)
Method:
V8260D
Initial Cal. Method:
MR0111

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	bfb	MR0111	2R03331	MS68225,V2R0111,5,,,,1		5mL			ok	T=22:06
2	ic0111-0.2	MR0111	2R03333	MS68225,V2R0111,5,,,,1		5mL			ok	1uL Std ABK/EC/AA in 1000mL H20
3	ic0111-0.5	MR0111	2R03335	MS68225,V2R0111,5,,,,1		5mL			ok	1uL Std ABK/EC/AA in 500mL H20
4	ic0111-1	MR0111	2R03337	MS68225,V2R0111,5,,,,1		5mL			ok	1uL Std ABK/EC/AA in 100mL H20
5	ic0111-2	MR0111	2R03339	MS68225,V2R0111,5,,,,1		5mL			ok	1uL Std ABK/EC/AA in 50mL H20
6	ic0111-4	MR0111	2R03341	MS68225,V2R0111,5,,,,1		5mL			ok	2uL Std ABK/EC/AA in 50mL H20
7	ic0111-8	MR0111	2R03343	MS68225,V2R0111,5,,,,1		5mL			ok	4uL Std ABK/EC/AA in 50mL H20
8	ic0111-20	MR0111	2R03345	MS68225,V2R0111,5,,,,1		5mL			ok	10uL Std ABK/EC/AA in 50mL H20
9	icc0111-50	MR0111	2R03347	MS68225,V2R0111,5,,,,1		5mL			ok	25uL Std ABK/EC/AA in 50mL H20
10	ic0111-100	MR0111	2R03349	MS68225,V2R0111,5,,,,1		5mL			ok	50uL Std ABK/EC/AA in 50mL H20
11	ic0111-200	MR0111	2R03351	MS68225,V2R0111,5,,,,1		5mL			ok	100uL Std ABK/EC/AA in 50mL H20
12	ib	MR0111	2R03353	MS68225,V2R0111,5,,,,1		5mL				
13	ib	MR0111	2R03355	MS68225,V2R0111,5,,,,1		5mL				
14	icv0111-50	MR0111	2R03357	MS68225,V2R0111,5,,,,1		5mL			ok	25uL Std EXT.PA/CDFM in 50mL H20
15	icv0111-50	MR0111	2R03359	MS68225,V2R0111,5,,,,1		5mL			rr	25uL Std EXT. ABK/EC/AA in 50mL H20
16	ib	MR0111	2R03361	MS68225,V2R0111,5,,,,1		5mL				
17	ib	MR0111	2R03362	MS68225,V2R0111,5,,,,1		5mL				
18	bfb2	MR0111	2R03363	MS68225,V2R0111,5,,,,1		5mL			ok	T=15:39, 5/10/2023
19	icv0111-50	MR0111	2R03364	MS68225,V2R0111,5,,,,1		5mL			ok	25uL Std EXT. ABK/EC/AA in 50mL H20
20										

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/15/23

Standard data

Lot#	Expiration Date	concentration
Freon Mix: V023-2768-149	6/15/2023	100ppm
SL: V023-2768-147	6/15/2023	100ppm
Vinyl Bromide: V023-2754-4	6/15/2023	100ppm
EXT Vinyl Bromide: V023-2768-114	5/18/2023	100ppm
EXT SL: V023-2768-148	6/15/2023	100ppm
EXT F143A: V023-2768-150	6/15/2023	100ppm
EXT F141B + F142B: V023-2754-3	6/15/2023	100ppm

Internal/Surrogate data

Lot#	Expiration Date	concentration
V023-2768-125	5/23/2023	50/500ppm

pH paper

Batch ID: V2R115

Print Analyst Name:
Bridget Kelly
Processed By:
Mohui Huang
Columns:
Restek Rxi-624Sil(30m x 0.25mm x 1.4um)
Method:
V8260D
Initial Cal. Method:
M2R115

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	MR0111	2R03441	MS69262,V2R0114,5,,,1		5mL				
2	bfb	MR0111	2R03442	MS69262,V2R0115,5,,,1		5mL			ok	T=17:34
3	ic115-1	MR0111	2R03443	MS69262,V2R0115,5,,,1		5mL			ok	1uL Std Freon Mix/SL/Vinyl Bromide in 100mL H20
4	ic115-2	MR0111	2R03444	MS69262,V2R0115,5,,,1		5mL			ok	1uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
5	ic115-4	MR0111	2R03445	MS69262,V2R0115,5,,,1		5mL			ok	2uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
6	ic115-8	MR0111	2R03446	MS69262,V2R0115,5,,,1		5mL			ok	4uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
7	ic115-20	MR0111	2R03447	MS69262,V2R0115,5,,,1		5mL			ok	10uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
8	icc115-50	MR0111	2R03448	MS69262,V2R0115,5,,,1		5mL			ok	25uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
9	ic115-100	MR0111	2R03449	MS69262,V2R0115,5,,,1		5mL			ok	50uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
10	ic115-200	MR0111	2R03450	MS69262,V2R0115,5,,,1		5mL			ok	100uL Std Freon Mix/SL/Vinyl Bromide in 50mL H20
11	ib	MR0111	2R03451	MS69262,V2R0115,5,,,1		5mL				
12	ib	MR0111	2R03452	MS69262,V2R0115,5,,,1		5mL				
13	icv0111-50	MR0111	2R03453	MS69262,V2R0115,5,,,1		5mL			ok	25uL Std EXT SL/Vinyl Bromide/F143A/F141B/F142B in 50mL H20
14	ib	MR0111	2R03454	MS69262,V2R0115,5,,,1		5mL				
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/23/23

Standard data

Lot#	Expiration Date	concentration
K: V023-2768-	5/29/2023	100-10,000ppm
C: V023-2754-	5/28/2023	100ppm
A: V023-2754	6/18/2023	100ppm
Mix: V023-27	6/15/2023	100ppm
omide: V023	6/15/2023	100pm

Internal/SUrrogate data

Lot#	Expiration Date	concentration
023-2768-12	5/23/2023	50/500ppm
pH paper		
222221	8/1/2024	

Batch ID: V2R125

Print Analyst Name: Edward Durner

Analyst Signature:
Processed by: GeralynG
Columns: RTX-VMS(30mx0.25mmx1.4um)

Method: v8260d

Initial Cal. Method: M2R111

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	MR0111	2R03686	MS69539,V2R0125,5,,,,1		5ml			ok	
2	cc111-20	MR0111	2R03687	MS69539,V2R0125,5,,,,1		5ml			ng	20ul abk,ec,aa/100ml
3	cc111-20	MR0111	2R03688	MS69539,V2R0125,5,,,,1		5ml			ok	8:39am; 20ul abk,ec,aa/100ml
4	cc111-1	MR0111	2R03689	MS69539,V2R0125,5,,,,1		5ml			ok	1ul abk,ec,aa/100ml
5	cc115-20	MR0111	2R03690	MS69539,V2R0125,5,,,,1		5ml			ng	20ul freon mix,vinyl bromide/100ml
6	cc115-20	MR0111	2R03691	MS69539,V2R0125,5,,,,1		5ml			ok	20ul freon mix,vinyl bromide/100ml
7	bs	MR0111	2R03692	MS69539,V2R0125,5,,,,1		5ml			ok	50ul abk,ec,aa,freon mix,vinyl bromide/100ml
8	ib	MR0111	2R03693	MS69539,V2R0125,5,,,,1		5ml			ok	
9	mb	MR0111	2R03694	MS69539,V2R0125,5,,,,1		5ml			ok	
10	JD65823-6	MR0111	2R03695	MS69505,V2R0125,5,,,,1		5ml			ok	
11	JD65823-7	MR0111	2R03696	MS69505,V2R0125,5,,,,1		5ml			ok	
12	JD65823-10	MR0111	2R03697	MS69505,V2R0125,5,,,,1		5ml			ok	
13	JD64533-1	MR0111	2R03698	MS69055,V2R0125,5,,,,500		0.1/50ml			ok	dilution due to turbidity
14	JD64534-1	MR0111	2R03699	MS69055,V2R0125,5,,,,500		0.1/50ml			ok	dilution due to turbidity
15	JD65823-6ms	MR0111	2R03700	MS69505,V2R0125,5,,,,1		5ml			ok	20ul abk,ec,aa,freon mix,vinyl bromide/40ml
16	ib	MR0111	2R03701	MS69505,V2R0125,5,,,,1		5ml			ok	
17	JD65823-7dup	MR0111	2R03702	MS69505,V2R0125,5,,,,1		5ml			ok	
18	JD65939-1	MR0111	2R03703	MS69562,V2R0125,5,,,,1		5ml			ok	
19	JD65939-2	MR0111	2R03704	MS69562,V2R0125,5,,,,1		5ml			ok	
20	JD65939-3	MR0111	2R03705	MS69562,V2R0125,5,,,,1		5ml			ok	
21	JD65942-7	MR0111	2R03706	MS69562,V2R0125,5,,,,1		5ml			ok	

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/23/23

Standard data

Lot#	Expiration Date	concentration
K: V023-2768-	5/29/2023	100-10,000ppm
C: V023-2754-	5/28/2023	100ppm
A: V023-2754	6/18/2023	100ppm
Mix: V023-27	6/15/2023	100ppm
omide: V023	6/15/2023	100pm

Internal/SUrrogate data

Lot#	Expiration Date	concentration
023-2768-12	5/23/2023	50/500ppm
pH paper		
222221	8/1/2024	

Batch ID: V2R125

Print Analyst Name: Edward Durner

Analyst Signature:
Processed by: GeralynG
Columns: RTX-VMS(30mx0.25mmx1.4um)

Method: v8260d

Initial Cal. Method: M2R111

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
22	JD65806-4	MR0111	2R03707	MS69494,V2R0125,5,,,,1		5ml			ok	
23	JD65863-1	MR0111	2R03708	MS69537,V2R0125,5,,,,1		5ml	Toluene D8		rr	SURR out
24	JD66097-1	MR0111	2R03709	MS69661,V2R0125,5,,,,1		5ml			ok	
25	JD65939-5	MR0111	2R03710	MS69562,V2R0125,5,,,,1		5ml			ok	
26	JD65939-6	MR0111	2R03711	MS69562,V2R0125,5,,,,1		5ml			ok	
27	JD65939-7	MR0111	2R03712	MS69562,V2R0125,5,,,,1		5ml			ok	
28	JD65942-1	MR0111	2R03713	MS69562,V2R0125,5,,,,1		5ml			ok	
29	JD65942-2	MR0111	2R03714	MS69562,V2R0125,5,,,,1		5ml			ok	
30	JD65942-3	MR0111	2R03715	MS69562,V2R0125,5,,,,1		5ml			ok	8:20pm
31	JD65942-4	MR0111	2R03716	MS69562,V2R0125,5,,,,1		5ml			rr	8:45pm; out of 12hr; CC hit
32	JD65942-5	MR0111	2R03717	MS69562,V2R0125,5,,,,1		5ml	4-Bromofluorobenzene		rr	9:10pm; out of 12hr; SURR out

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 04/29/2023

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-90.51	5/3/2023	100-10,000ppm
EC: V023-2768-126.7	5/1/2023	100ppm
AA: V023-2768-113.44	5/18/2023	100ppm
EXT.ABK: V023-2768-129.1	5/25/2023	100ppm
EXT.EC: V023-2768-122.1	4/28/2023	100ppm
EXT.Acrolein: V023-2768-87.9	4/28/2023	100ppm
EXT.PA: V023-2768-121.1	5/21/2023	100ppm
EXT.CDFM: V023-2768.97	5/4/2023	100ppm

Internal/Surrogate data

Lot#	Expiration Date	concentration
V023-2768-92	5/3/2023	50/500ppm

pH paper

Batch ID: VL10779

Print Analyst Name: Prashant Shukla

Analyst Signature:
Data Processed By: Mohui Huang
Columns: Rxi-624Sil (30m x 0.25mm x 1.4um)

Method: V8260D

Initial Cal. Method: ML10779.M

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	bfb	ML10779	L355082	MS68466,VL10779,5,,,,1		5ml				
2	ic10779-0.2	ML10779	L355083	MS68466,VL10779,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 500mL H20
3	ic10779-0.5	ML10779	L355084	MS68466,VL10779,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 200mL H20
4	ic10779-1	ML10779	L355085	MS68466,VL10779,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 100mL H20
5	ic10779-2	ML10779	L355086	MS68466,VL10779,5,,,,1		5ml			ok	1uL Std ABK/EC/AA in 50mL H20
6	ic10779-4	ML10779	L355087	MS68466,VL10779,5,,,,1		5ml			ok	2uL Std ABK/EC/AA in 50mL H20
7	ic10779-8	ML10779	L355088	MS68466,VL10779,5,,,,1		5ml			ok	4uL Std ABK/EC/AA in 50mL H20
8	ic10779-20	ML10779	L355089	MS68466,VL10779,5,,,,1		5ml			ok	10uL Std ABK/EC/AA in 50mL H20
9	icc10779-50	ML10779	L355090	MS68466,VL10779,5,,,,1		5ml			ok	25uL Std ABK/EC/AA in 50mL H20
10	ic10779-100	ML10779	L355091	MS68466,VL10779,5,,,,1		5ml			ok	50uL Std ABK/EC/AA in 50mL H20
11	ic10779-200	ML10779	L355092	MS68466,VL10779,5,,,,1		5ml			ok	1000uL Std ABK/EC/AA in 50mL H20
12	ib	ML10779	L355093	MS68466,VL10779,5,,,,1		5ml				
13	ib	ML10779	L355094	MS68466,VL10779,5,,,,1		5ml				
14	icv10779-50	ML10779	L355095	MS68466,VL10779,5,,,,1		5ml			ok	25uL Std EXT. ABK/EC/AA in 50mL H20
15	icv10779-50	ML10779	L355096	MS68466,VL10779,5,,,,1		5ml			ok	25uL Std EXT.PA/CDFM in 50mL H20
16	ib	ML10779	L355097	MS68466,VL10779,5,,,,1		5ml				

VOLATILE by GCMS ANALYSIS LOG

Date: 05/22/23

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-135.43	5/29/2023	100-10,000ppm
EC: V023-2754-10.1	5/28/2023	100ppm
AA: V023-2754-9.4	6/18/2023	100ppm

Internal/SUrrogate data

Lot#	Expiration Date	concentration
V023-2768-125	5/23/2023	50/500ppm
222221	8/1/2024	pH paper

Batch ID: VL10808

Print Analyst Name:
Louie D.
Analyst Signature:
Processed by:lotusa
Columns:

Method:
V8260D
Initial Cal. Method:
ML10779

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	ML10779	L355918	MS69370,VL10808,5,,,,1		5mL			OK	
2	cc10779-20	ML10779	L355919	MS69370,VL10808,5,,,,1		5mL			OK	9:07am; 20uL ABK, AA, EC / 100mL
3	bs	ML10779	L355920	MS69370,VL10808,5,,,,1		5mL			OK	50uL ABK, AA, EC / 100mL; Within marginal exceedance
4	ib	ML10779	L355921	MS69370,VL10808,5,,,,1		5mL			OK	
5	mb	ML10779	L355922	MS69370,VL10808,5,,,,1		5mL			OK	
6	jd65606-6	ML10779	L355923	MS69370,VL10808,5,,,,1		5mL	TCL20+TBA		OK	
7	jd65606-3	ML10779	L355924	MS69370,VL10808,5,,,,2.5		20/50mL	TCL20+TBA		OK	
8	jd65606-2	ML10779	L355925	MS69370,VL10808,5,,,,1		5mL	TCL20+TBA		OK	f/d
9	jd65474-1	ML10779	L355926	MS69321,VL10808,5,,,,100		0.5/50mL	MDVO		OK	
10	jd65823-8	ML10779	L355927	MS69505,VL10808,5,,,,5		10/50mL	TCL11		OK	
11	jd65868-6	ML10779	L355928	MS69528,VL10808,5,,,,1		5mL	NHF,ETHNL		OK	
12	jd65370-1	ML10779	L355929	MS69241,VL10808,5,,,,1		5mL	2NG36GW+40		OK	f/d
13	jd65823-1	ML10779	L355930	MS69505,VL10808,5,,,,1		5mL	TCL11		OK	f/d
14	jd65823-2	ML10779	L355931	MS69505,VL10808,5,,,,1		5mL	TCL11		OK	f/d
15	jd65823-3	ML10779	L355932	MS69505,VL10808,5,,,,2.5		20/50mL	TCL11		OK	f/d
16	jd65823-9	ML10779	L355933	MS69505,VL10808,5,,,,1		5mL	TCL11		OK	f/d
17	jd65823-8ms	ML10779	L355934	MS69505,VL10808,5,,,,5		10/50mL			OK	25uL ABK, AA, EC / 50mL
18	jd65823-8msd	ML10779	L355935	MS69505,VL10808,5,,,,5		10/50mL			OK	25uL ABK, AA, EC / 50mL

SGS

VOLATILE by GCMS ANALYSIS LOG

Date: 05/22/23

Standard data

Lot#	Expiration Date	concentration
ABK: V023-2768-135.43	5/29/2023	100-10,000ppm
EC: V023-2754-10.1	5/28/2023	100ppm
AA: V023-2754-9.4	6/18/2023	100ppm

Internal/SUrrogate data

Lot#	Expiration Date	concentration
V023-2768-125	5/23/2023	50/500ppm
222221	8/1/2024	pH paper

Batch ID: VL10808

Print Analyst Name:
Louie D.
Analyst Signature:
Processed by:lotusa
Columns:

Method:
V8260D
Initial Cal. Method:
ML10779

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	jd65823-9	ML10779	L355936	MS69505,VL10808,5,,,,10		5/50mL	TCL11		OK	
20	jd65919-4	ML10779	L355937	MS69557,VL10808,5,,,,1		5mL	TCL20+		OK	
21	jd65919-5	ML10779	L355938	MS69557,VL10808,5,,,,1		5mL	TCL20+		OK	
22	jd65809-7	ML10779	L355939	MS69498,VL10808,5,,,,1		5mL	TCL20+		OK	f/d
23	jd65919-1	ML10779	L355940	MS69557,VL10808,5,,,,1		5mL	TCL20+		OK	
24	jd65919-2	ML10779	L355941	MS69557,VL10808,5,,,,1		5mL	TCL20+		OK	
25	jd65919-3	ML10779	L355942	MS69557,VL10808,5,,,,1		5mL	TCL20+		OK	
26	jd65868-1	ML10779	L355943	MS69528,VL10808,5,,,,1		5mL	NHF,ETHNL		OK	
27	jd65868-2	ML10779	L355944	MS69528,VL10808,5,,,,1		5mL	NHF,ETHNL		OK	
28	jd65868-3	ML10779	L355945	MS69528,VL10808,5,,,,1		5mL	NHF,ETHNL		OK	7:26pm