Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
Data File : VU055755.D
Acq On : 11 Oct 2023 18:13
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 12 01:59:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	430349	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	437178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	253617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154867	40.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.240%			
7) Chloroethane-d5	1.882	69	131017	41.523	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.040%			
11) 1,1-Dichloroethene-d2	2.560	63	296125	43.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.040%			
21) 2-Butanone-d5	4.615	46	271322	94.860	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.860%			
24) Chloroform-d	5.055	84	334796	45.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.480%			
26) 1,2-Dichloroethane-d4	5.695	65	216572	47.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.100%			
32) Benzene-d6	5.721	84	641941	45.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.780%			
36) 1,2-Dichloropropane-d6	6.685	67	203842	46.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.060%			
41) Toluene-d8	7.894	98	583817	46.223	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.440%			
43) trans-1,3-Dichloroprop...	8.174	79	98451	46.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.560%			
47) 2-Hexanone-d5	8.634	63	204166	117.280	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.280%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	366456	53.763	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.520%			
66) 1,2-Dichlorobenzene-d4	12.190	152	250133	49.700	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	157864	44.056	ug/L	100
3) Chloromethane	1.518	50	154810	45.659	ug/L	100
5) Vinyl chloride	1.602	62	166573	44.642	ug/L	97
6) Bromomethane	1.830	94	81419	34.133	ug/L	99
8) Chloroethane	1.904	64	106793	43.633	ug/L	97
9) Trichlorofluoromethane	2.123	101	244467	45.856	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	150684	43.950	ug/L	99
12) 1,1-Dichloroethene	2.570	96	138113	45.269	ug/L	99
13) Acetone	2.618	43	218821	82.441	ug/L	100
14) Carbon disulfide	2.782	76	385105	41.478	ug/L	99
15) Methyl Acetate	2.940	43	183175	45.062	ug/L	95
16) Methylene chloride	3.036	84	173880	46.996	ug/L	96
17) trans-1,2-Dichloroethene	3.345	96	142322	45.620	ug/L	96
18) Methyl tert-butyl Ether	3.358	73	498217	49.658	ug/L	99
19) 1,1-Dichloroethane	3.859	63	293364	45.854	ug/L	100
20) cis-1,2-Dichloroethene	4.660	96	174126	48.904	ug/L	96
22) 2-Butanone	4.695	43	284653	88.975	ug/L	99
23) Bromochloromethane	4.968	128	88677	48.090	ug/L	95
25) Chloroform	5.081	83	315507	47.208	ug/L	96

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Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 12 01:59:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	257595	48.190	ug/L	99
29) Cyclohexane	5.380	56	238133	47.522	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	272503	48.246	ug/L	99
31) Carbon tetrachloride	5.518	117	232847	47.098	ug/L	98
33) Benzene	5.769	78	662071	47.909	ug/L	100
34) Trichloroethene	6.538	95	173851	45.977	ug/L	98
35) Methylcyclohexane	6.759	83	252131	45.957	ug/L	99
37) 1,2-Dichloropropane	6.785	63	178424	46.887	ug/L	99
38) Bromodichloromethane	7.100	83	234603	46.749	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	281985	48.707	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	556675	105.152	ug/L	98
42) Toluene	7.965	91	704821	48.335	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	268796	48.525	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	183558	48.919	ug/L	98
46) Tetrachloroethene	8.550	164	136590	50.453	ug/L	97
48) 2-Hexanone	8.682	43	502952	112.475	ug/L	99
49) Dibromochloromethane	8.804	129	185388	48.353	ug/L	100
50) 1,2-Dibromoethane	8.920	107	199555	49.513	ug/L	97
51) Chlorobenzene	9.444	112	455163	48.243	ug/L	99
52) Ethylbenzene	9.566	91	781418	49.015	ug/L	99
53) m,p-Xylene	9.692	106	301609	50.498	ug/L	99
54) o-Xylene	10.097	106	300588	52.008	ug/L	99
55) Styrene	10.113	104	534161	54.556	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	355041	55.259	ug/L	98
59) Bromoform	10.290	173	154095	49.357	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	288235	52.366	ug/L	98
61) Isopropylbenzene	10.480	105	793668	50.198	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	687881	53.768	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	675920	53.430	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	388206	49.669	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	397364	49.449	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	398181	51.336	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	77388	47.028	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	238314	45.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	198449	45.699	ug/L	99
71) Naphthalene	14.084	128	675829	52.391	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	205724	48.050	ug/L	97

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

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Operator : MD/SY
Sample : VSTDCCC050
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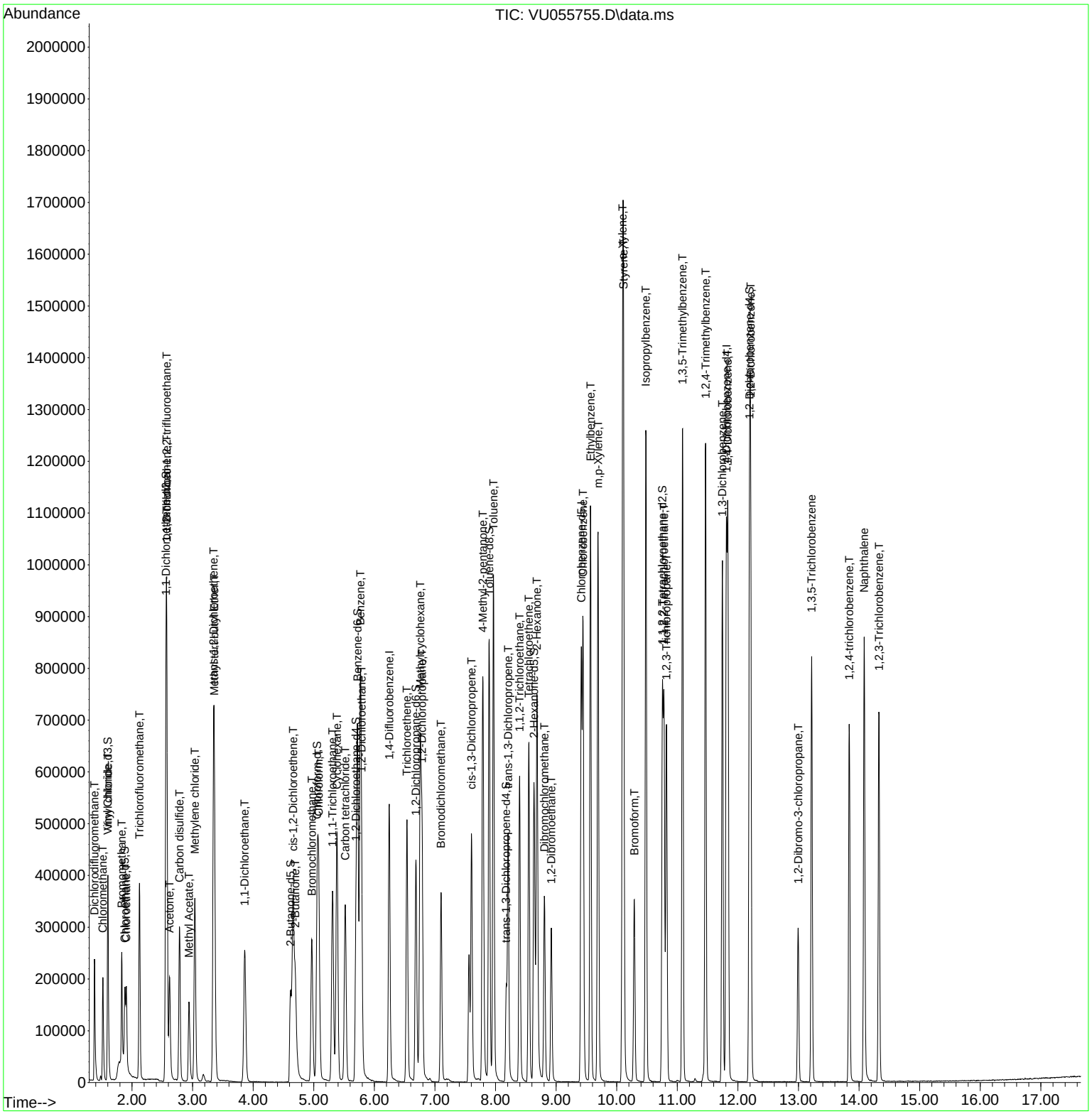
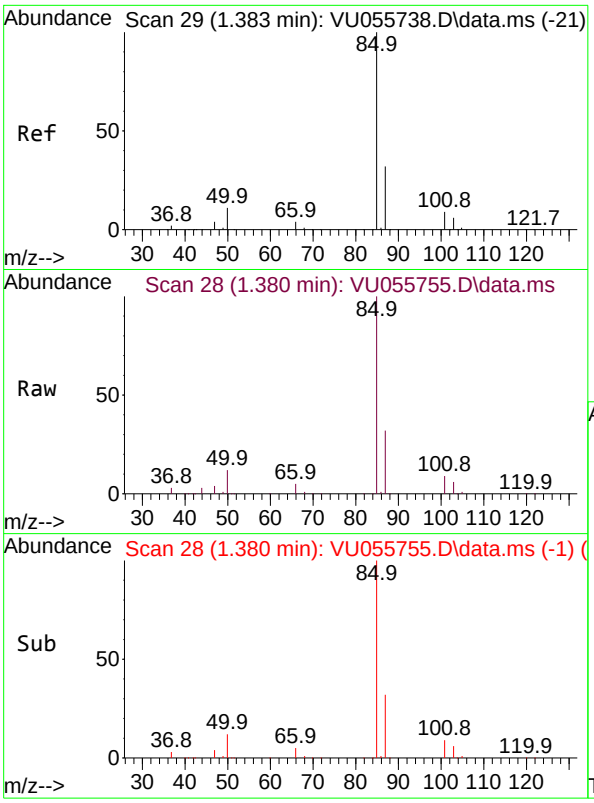
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 12 01:59:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration



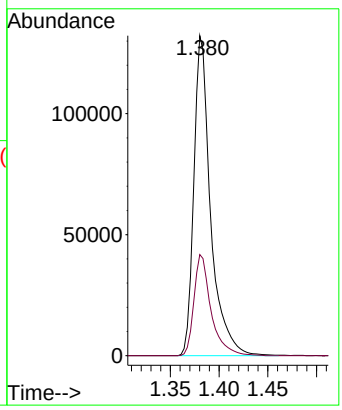


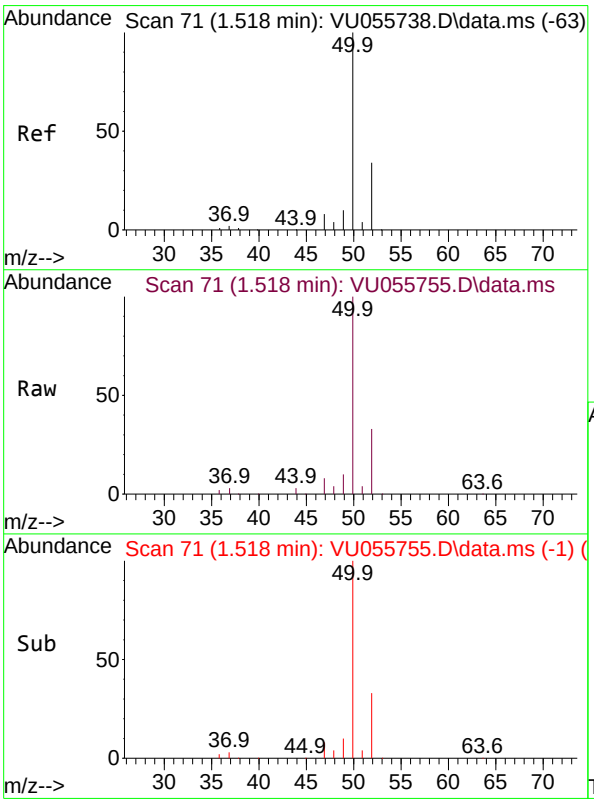
#2
Dichlorodifluoromethane
Concen: 44.056 ug/L
RT: 1.380 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 157864

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.0	39.0

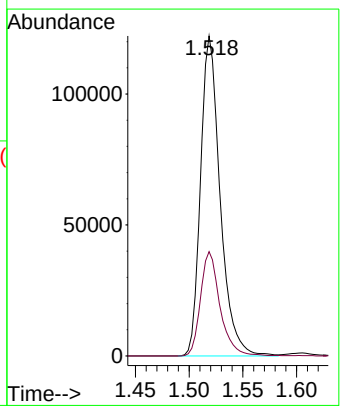


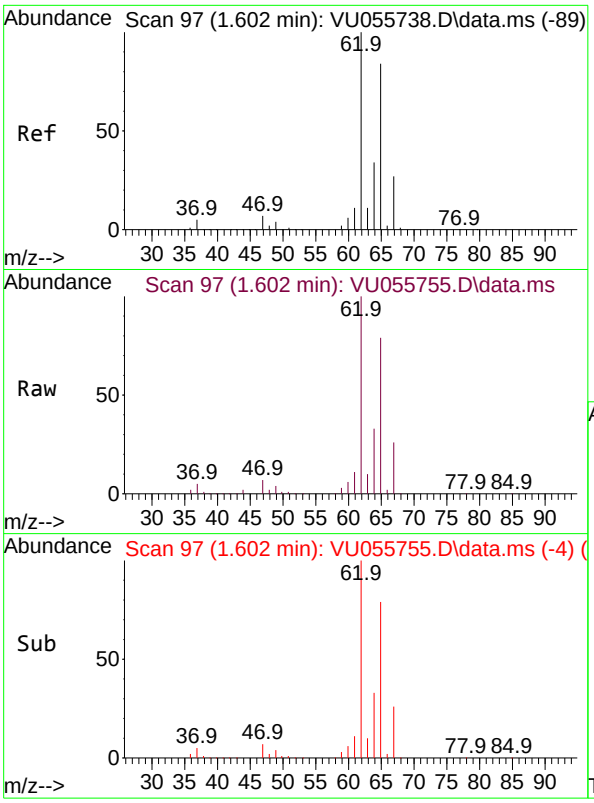


#3
Chloromethane
Concen: 45.659 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 50 Resp: 154810

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.8	42.4



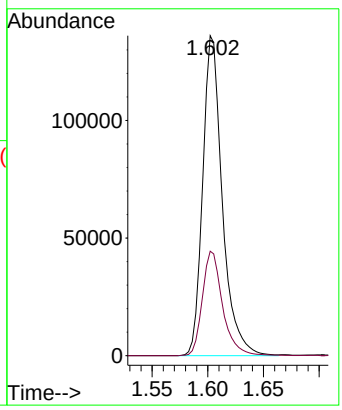


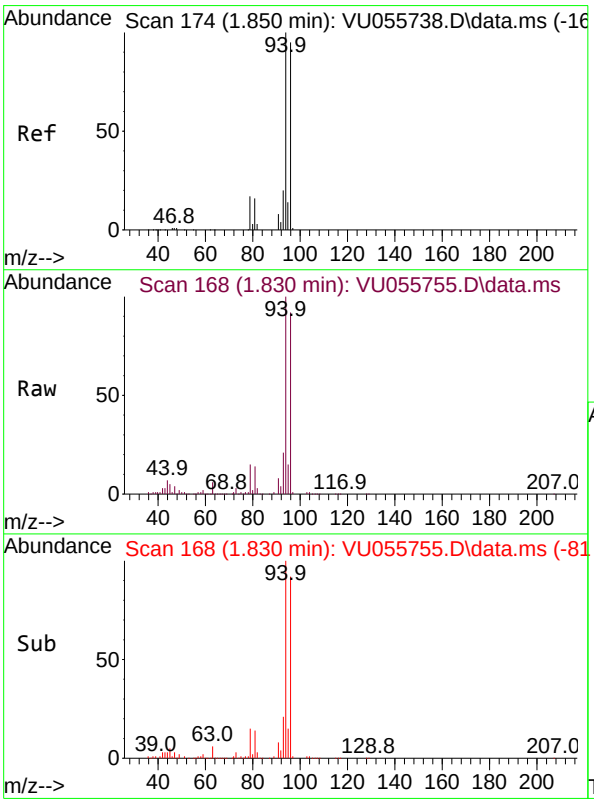
#5
Vinyl chloride
Concen: 44.642 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 166573

Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.9	44.5

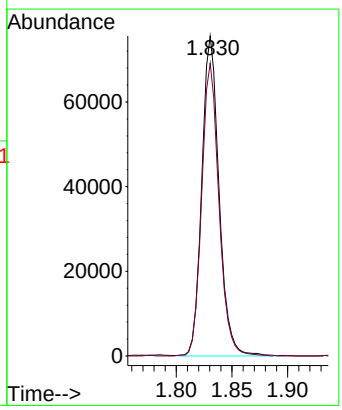


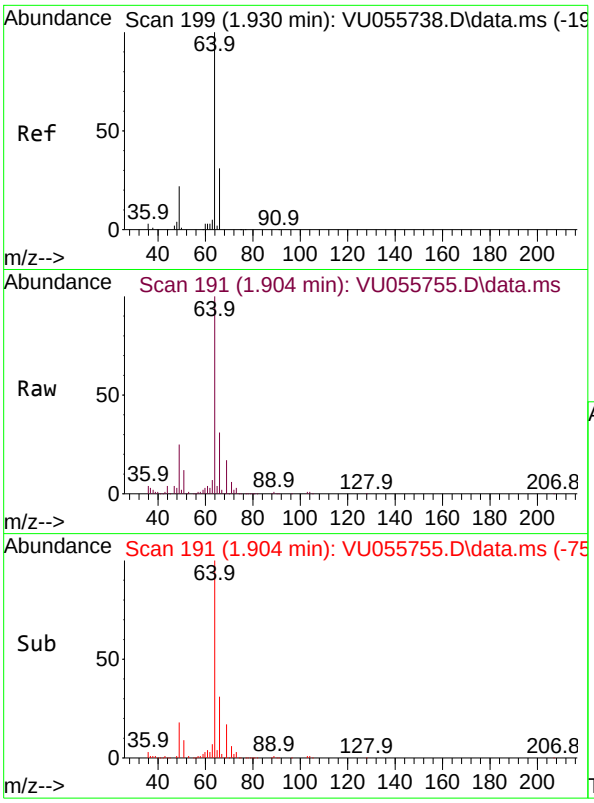


#6
Bromomethane
Concen: 34.133 ug/L
RT: 1.830 min Scan# 168
Delta R.T. -0.019 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 94 Resp: 81419

Ion	Ratio	Lower	Upper
94	100		
96	91.5	63.5	117.9



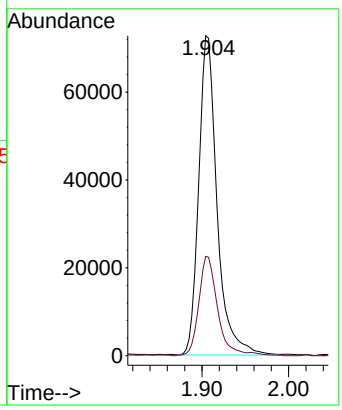


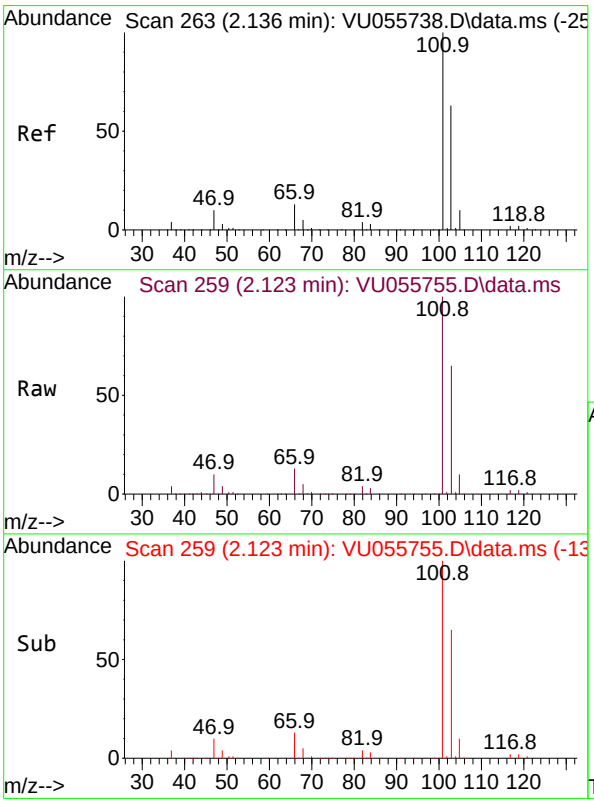
#8
Chloroethane
Concen: 43.633 ug/L
RT: 1.904 min Scan# 1
Delta R.T. -0.026 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 106793

Ion	Ratio	Lower	Upper
64	100		
66	31.1	22.9	42.5

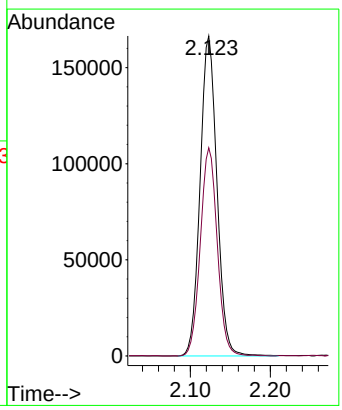


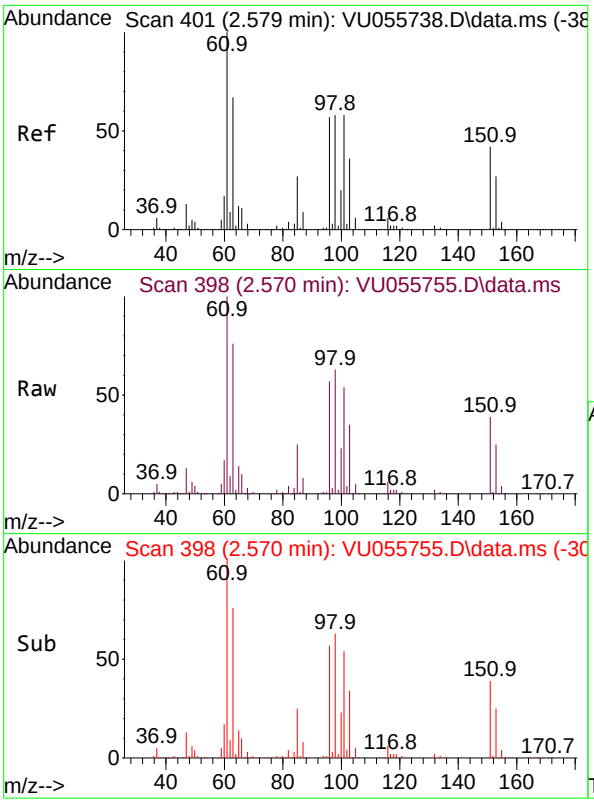


#9
Trichlorofluoromethane
Concen: 45.856 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.013 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:101 Resp: 244467

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9



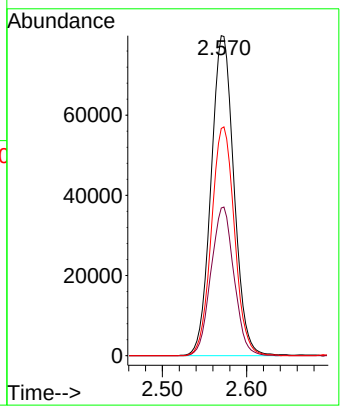


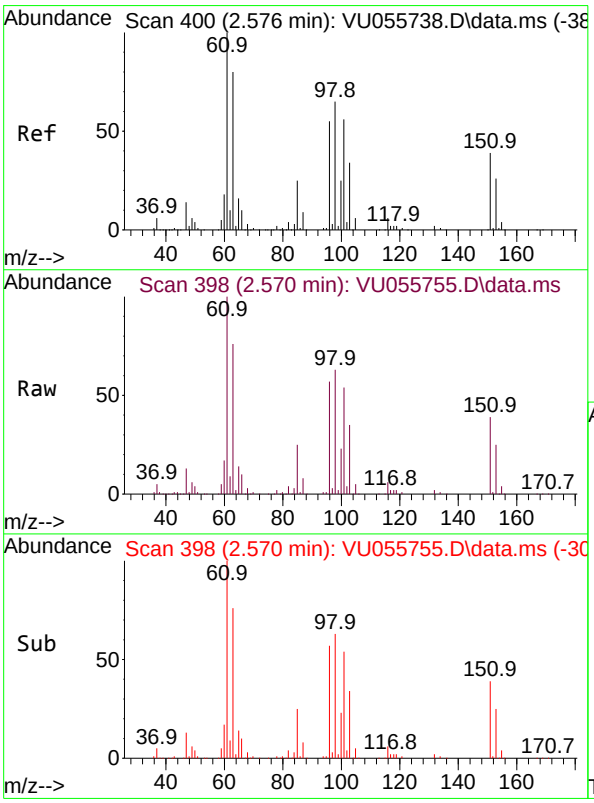
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.950 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 150684

Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.1	55.7
151	71.9	58.2	87.4

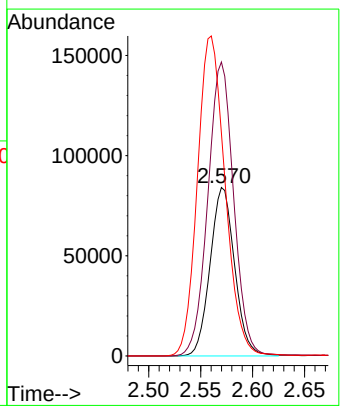


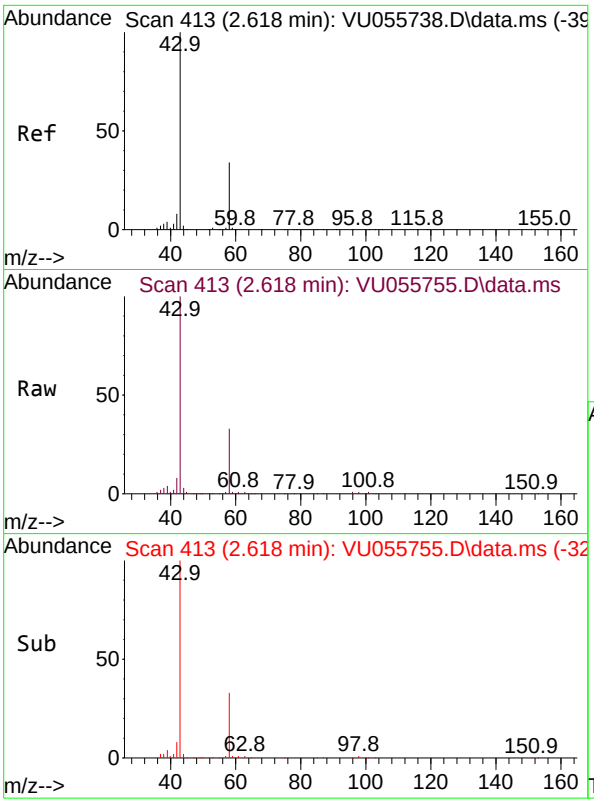


#12
1,1-Dichloroethene
Concen: 45.269 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 96 Resp: 138113

Ion	Ratio	Lower	Upper
96	100		
61	174.4	122.0	226.6
63	132.4	93.7	174.1



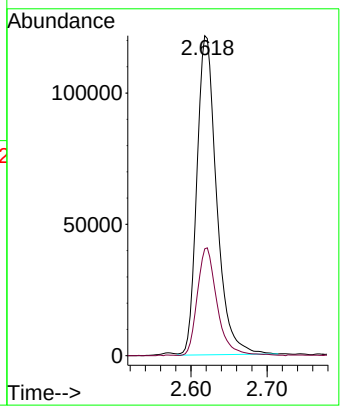


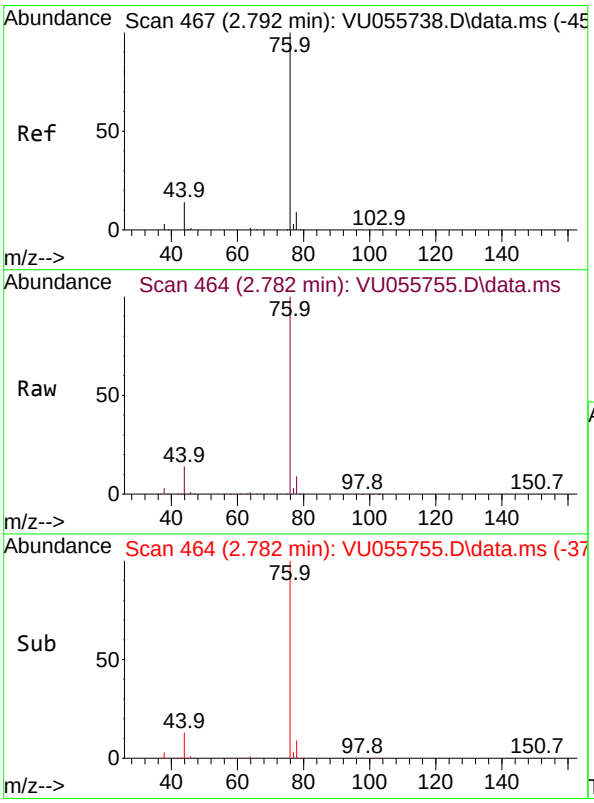
#13
Acetone
Concen: 82.441 ug/L
RT: 2.618 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 218821

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	67.4

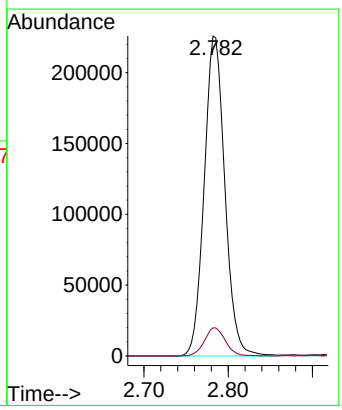


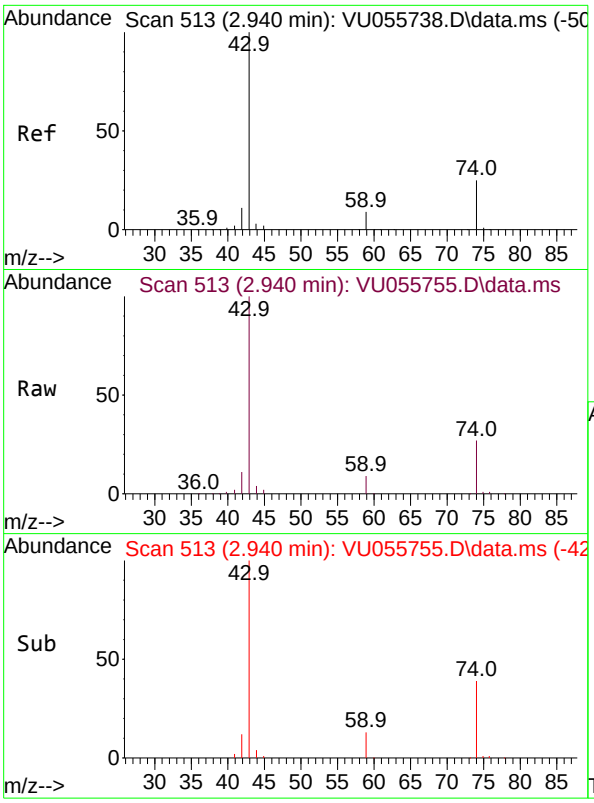


#14
Carbon disulfide
Concen: 41.478 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.010 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 76 Resp: 385105

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.8	10.2



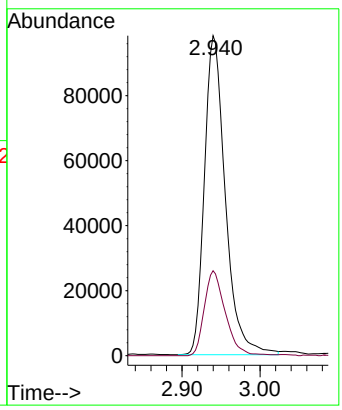


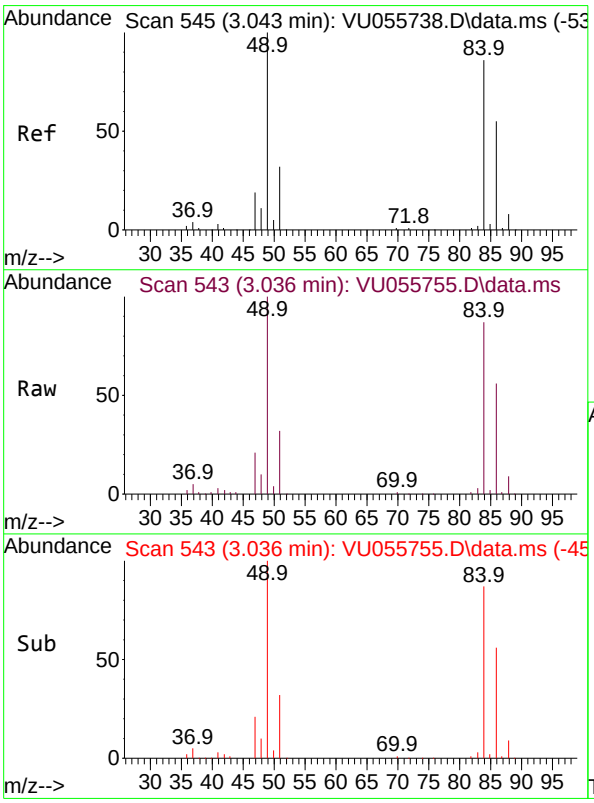
#15
Methyl Acetate
Concen: 45.062 ug/L
RT: 2.940 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 183175

Ion	Ratio	Lower	Upper
43	100		
74	26.7	19.5	29.3

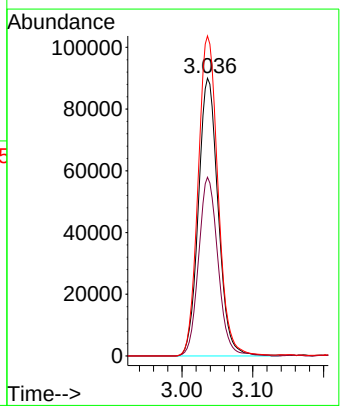


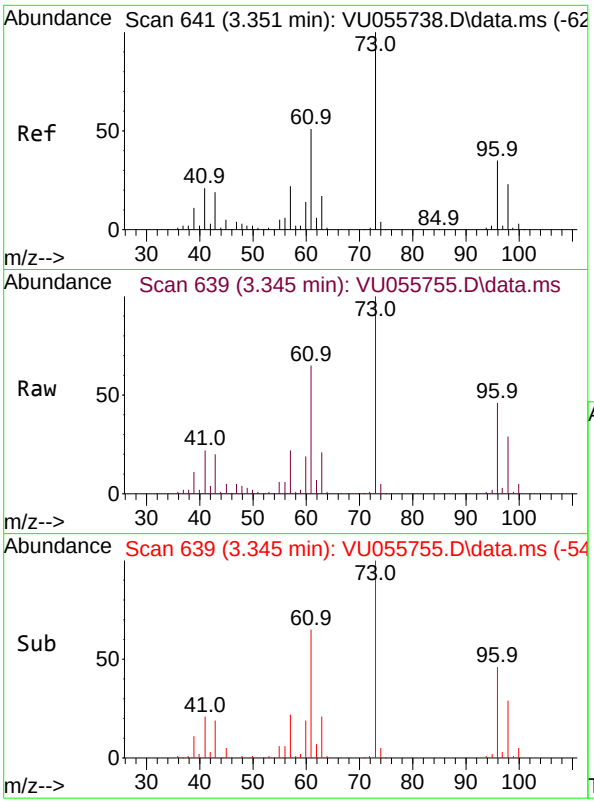


#16
Methylene chloride
Concen: 46.996 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.006 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 84 Resp: 173880

Ion	Ratio	Lower	Upper
84	100		
86	64.4	46.3	86.1
49	115.2	84.8	157.6



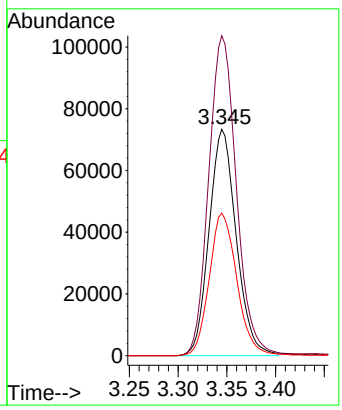


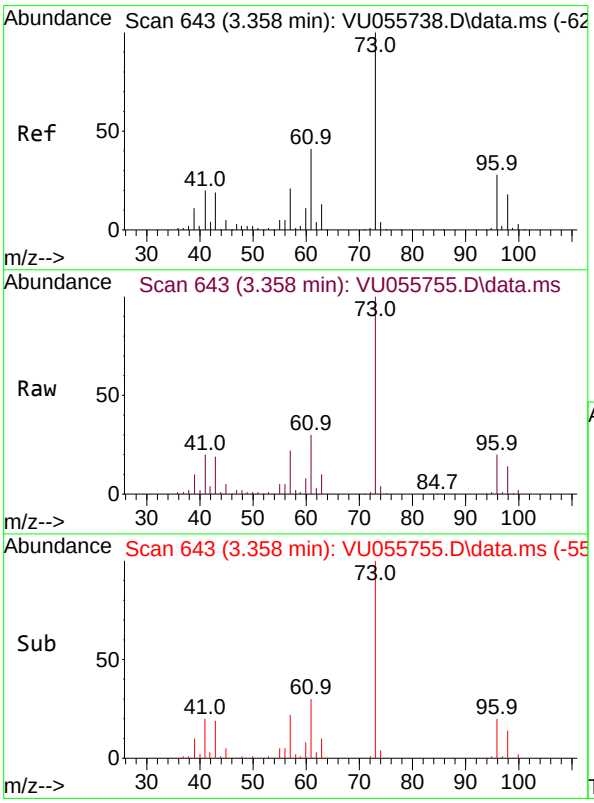
#17
trans-1,2-Dichloroethene
Concen: 45.620 ug/L
RT: 3.345 min Scan# 6
Delta R.T. -0.006 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 142322

Ion	Ratio	Lower	Upper
96	100		
61	141.3	102.1	189.7
98	63.0	46.3	86.1

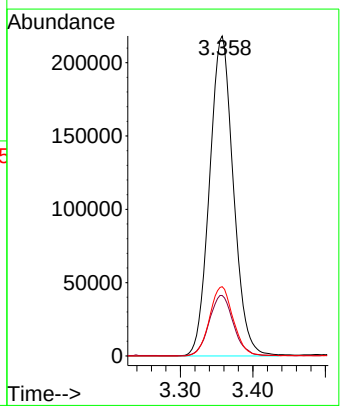


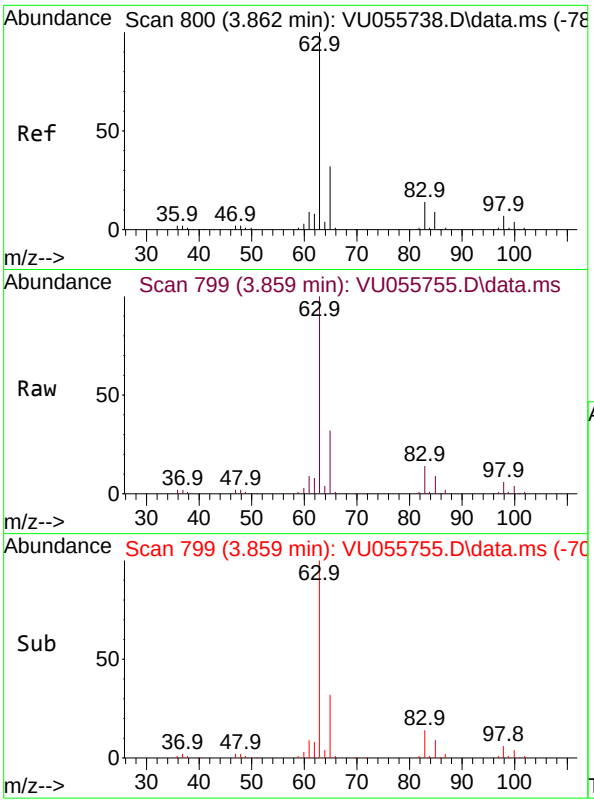


#18
Methyl tert-butyl Ether
Concen: 49.658 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 73 Resp: 498217

Ion	Ratio	Lower	Upper
73	100		
43	19.2	15.4	23.2
57	21.6	17.7	26.5



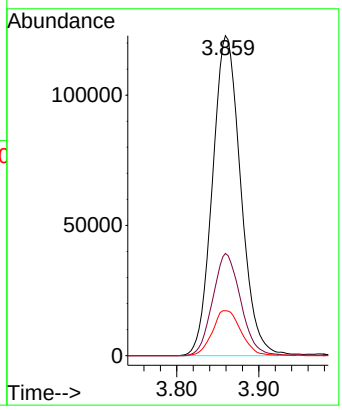


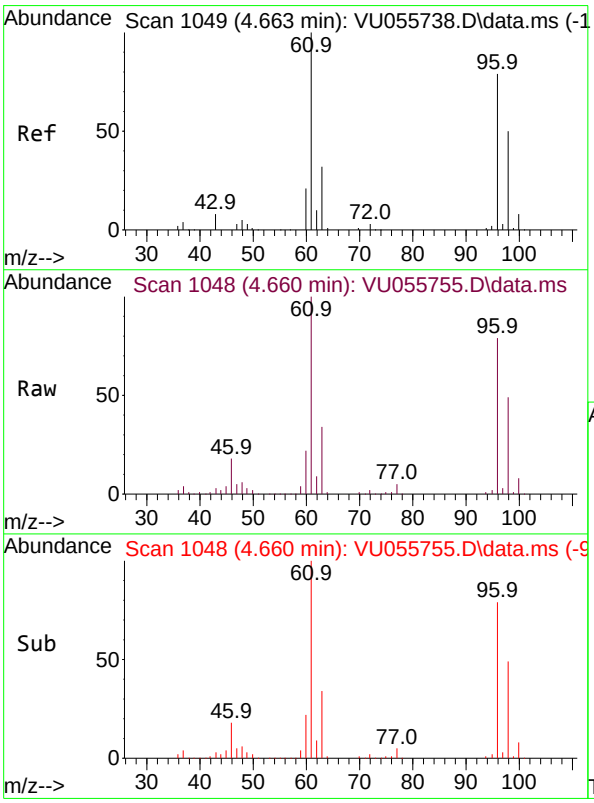
#19
1,1-Dichloroethane
Concen: 45.854 ug/L
RT: 3.859 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 293364

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	14.0	9.5	17.7

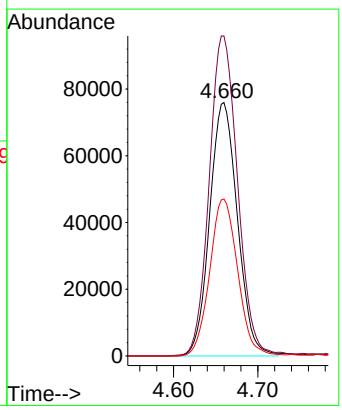


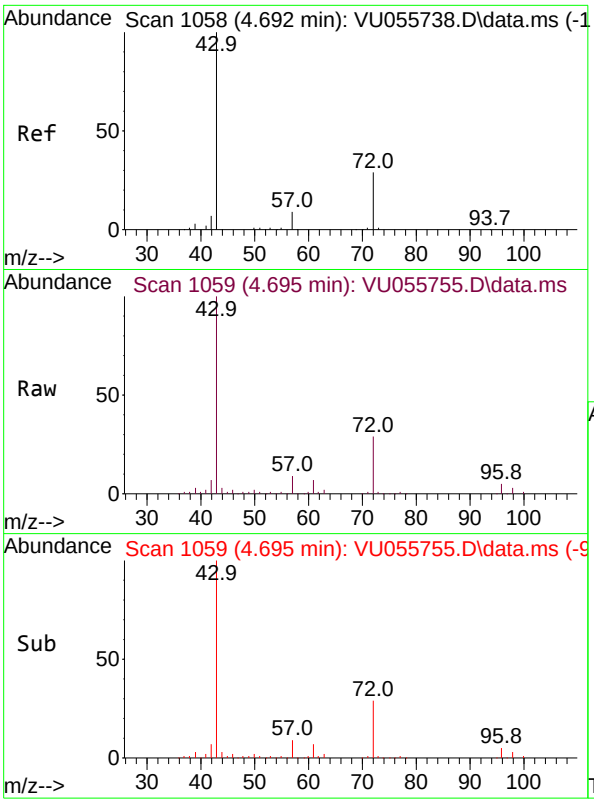


#20
cis-1,2-Dichloroethene
Concen: 48.904 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 96 Resp: 174126

Ion	Ratio	Lower	Upper
96	100		
61	126.3	92.3	171.5
98	61.9	43.9	81.5



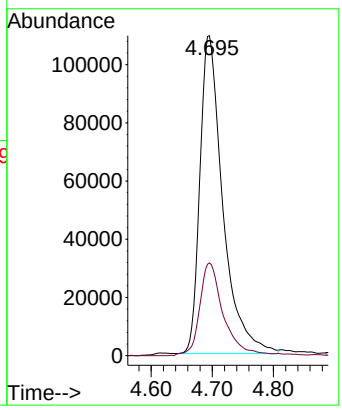


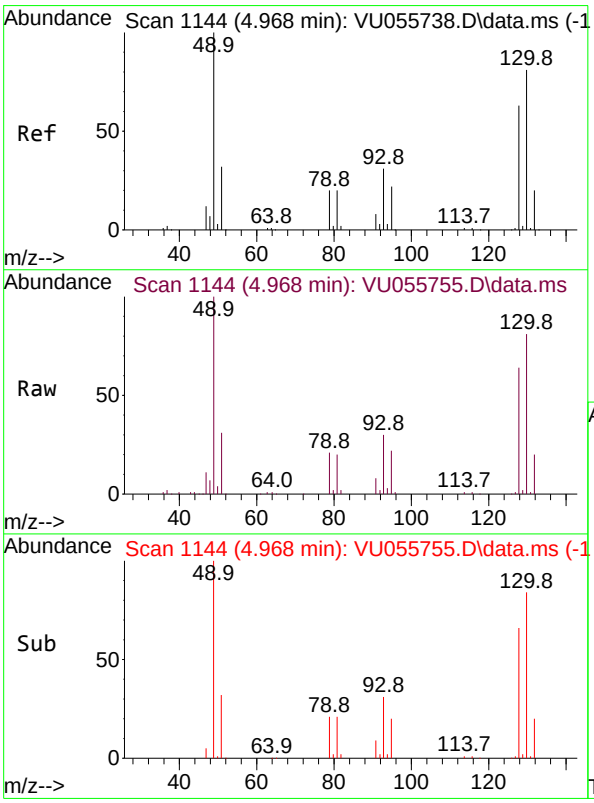
#22
2-Butanone
Concen: 88.975 ug/L
RT: 4.695 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 284653

Ion	Ratio	Lower	Upper
43	100		
72	30.0	14.6	44.0

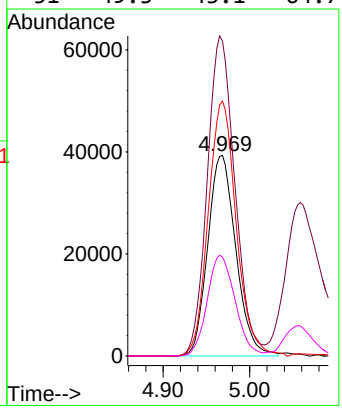


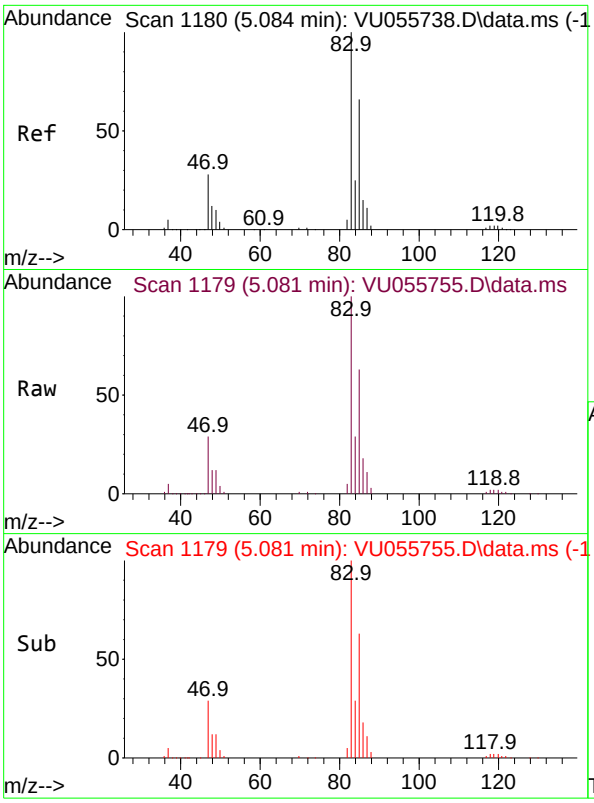


#23
Bromochloromethane
Concen: 48.090 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:128 Resp: 88677

Ion	Ratio	Lower	Upper
128	100		
49	157.1	116.3	216.1
130	127.2	91.6	170.0
51	49.3	43.1	64.7



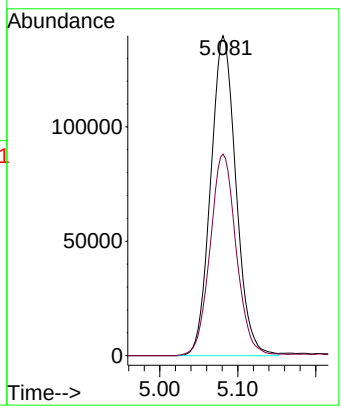


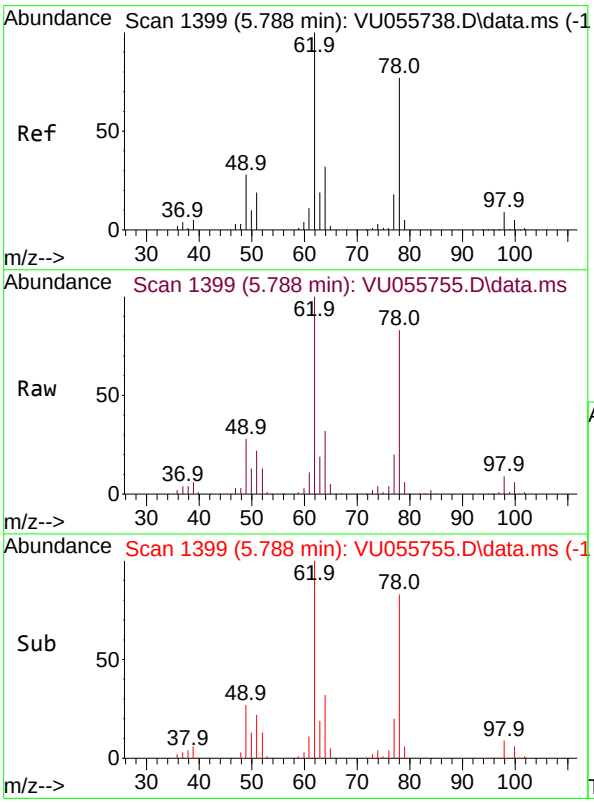
#25
Chloroform
Concen: 47.208 ug/L
RT: 5.081 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 315507

Ion	Ratio	Lower	Upper
83	100		
85	63.0	46.3	86.1

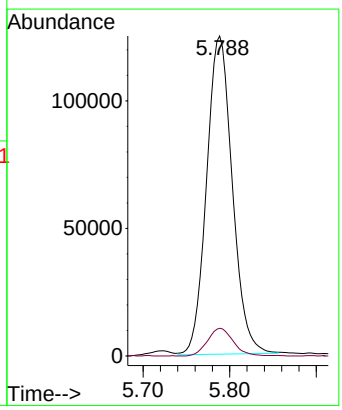


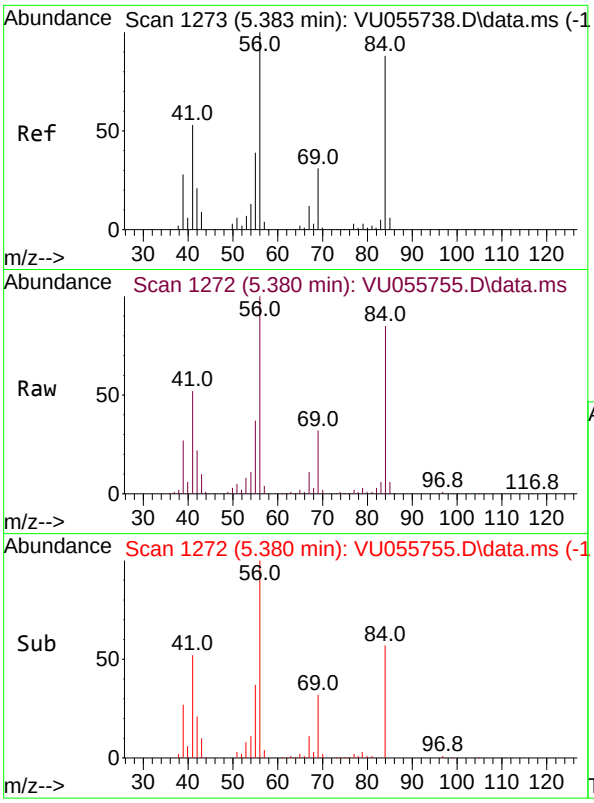


#27
1,2-Dichloroethane
Concen: 48.190 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 62 Resp: 257595

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.2	10.8



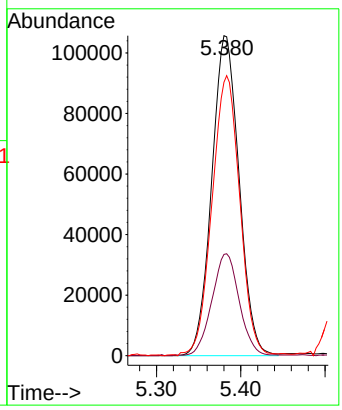


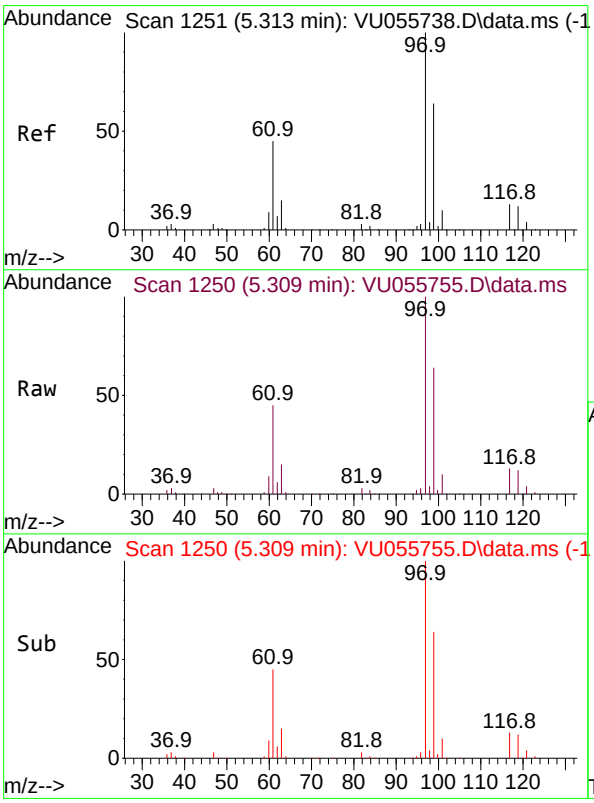
#29
Cyclohexane
Concen: 47.522 ug/L
RT: 5.380 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 238133

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.9	37.3
84	87.2	70.7	106.1

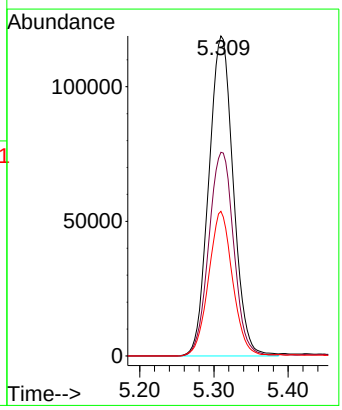


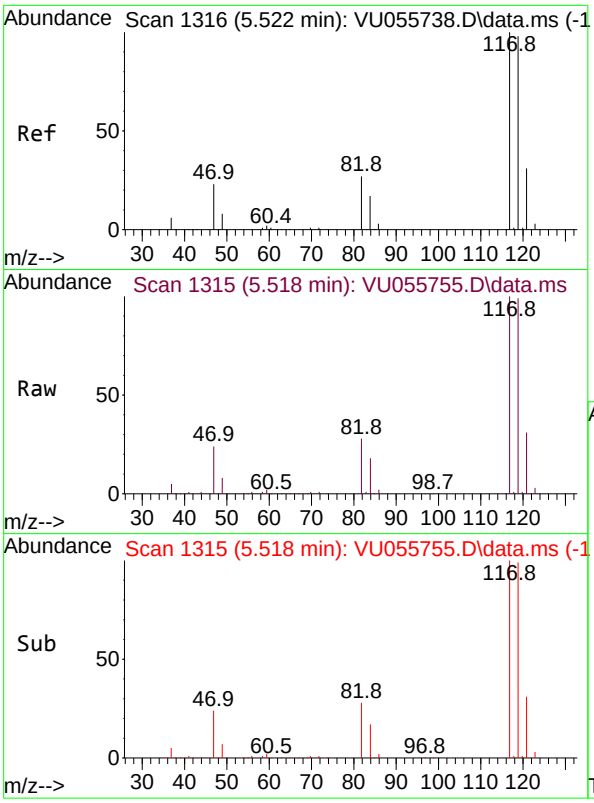


#30
1,1,1-Trichloroethane
Concen: 48.246 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 97 Resp: 272503

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	44.4	36.8	55.2



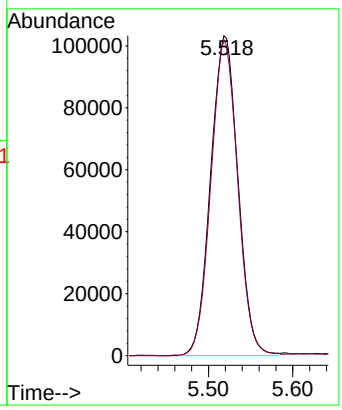


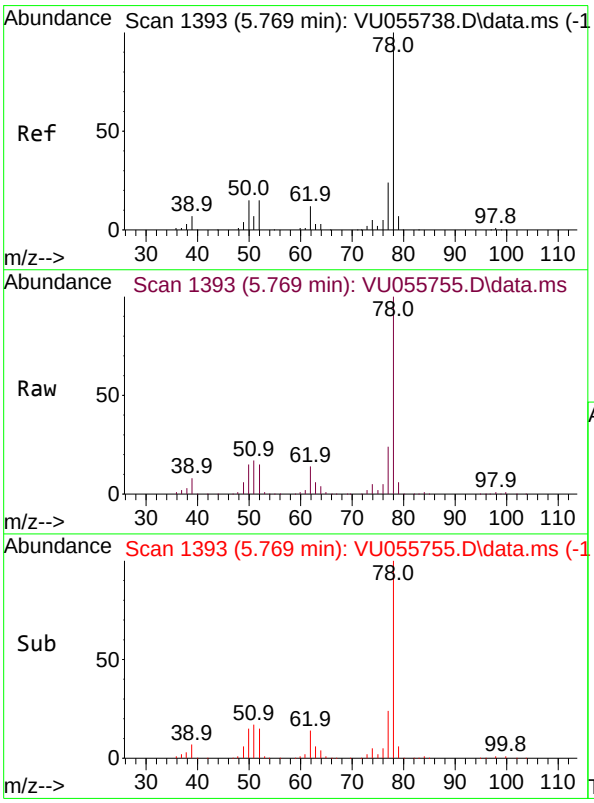
#31
Carbon tetrachloride
Concen: 47.098 ug/L
RT: 5.518 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 232847

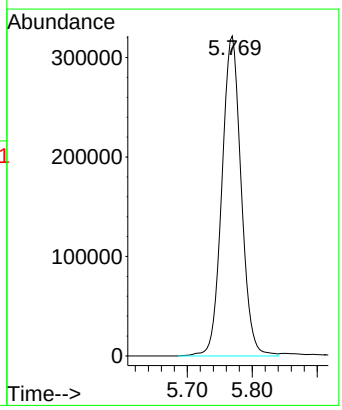
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0

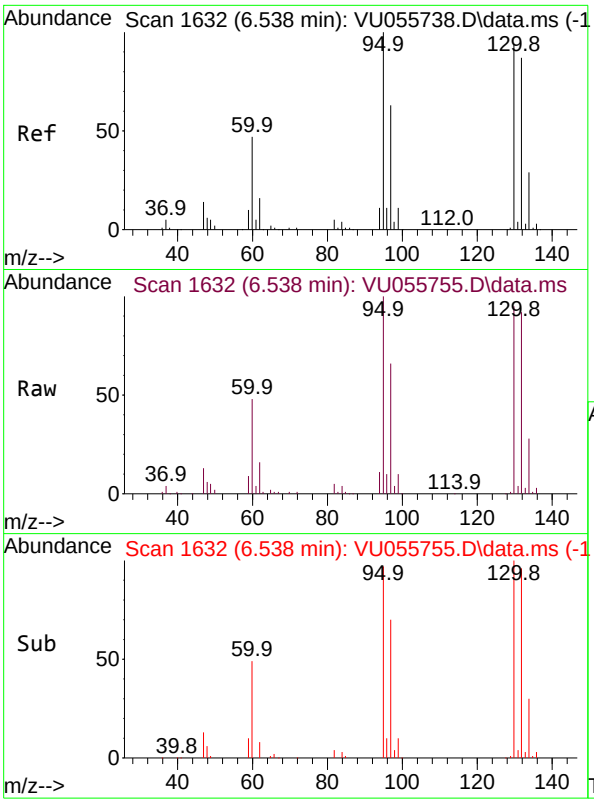




#33
Benzene
Concen: 47.909 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 78 Resp: 662071



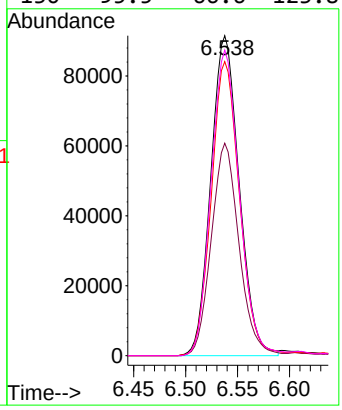


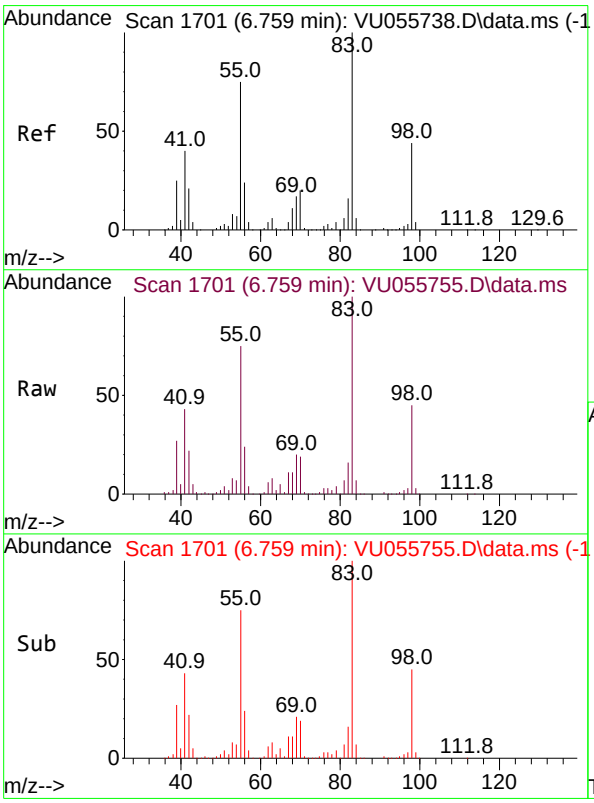
#34
Trichloroethene
Concen: 45.977 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 173851

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.4	82.5
132	91.9	61.8	114.8
130	95.5	66.6	123.8

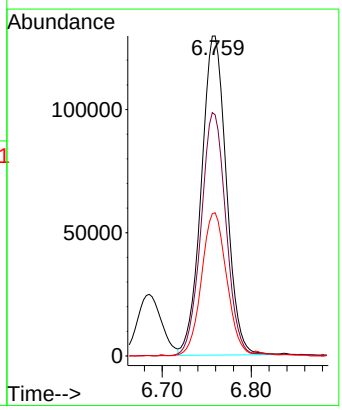


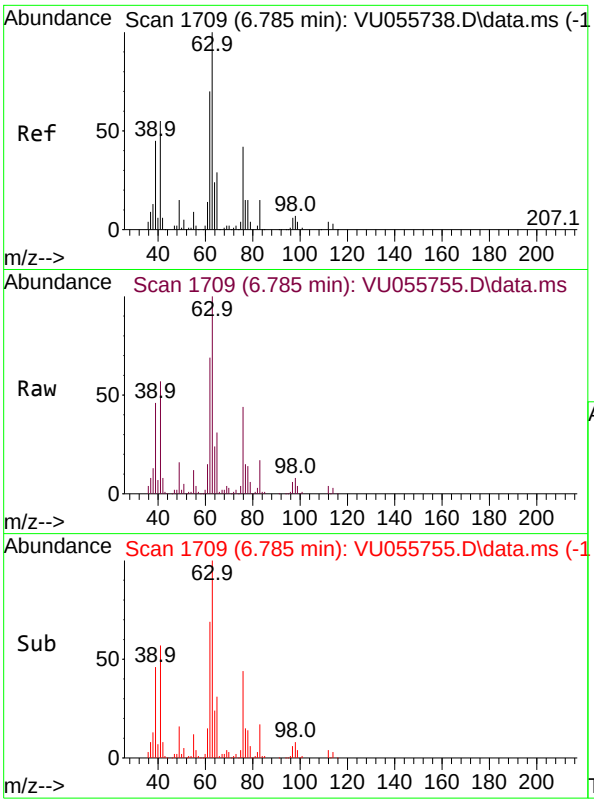


#35
Methylcyclohexane
Concen: 45.957 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 83 Resp: 252131

Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.2	91.8
98	45.0	35.8	53.6



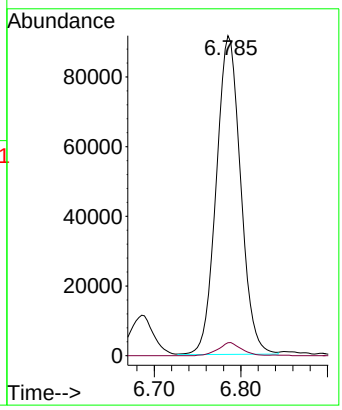


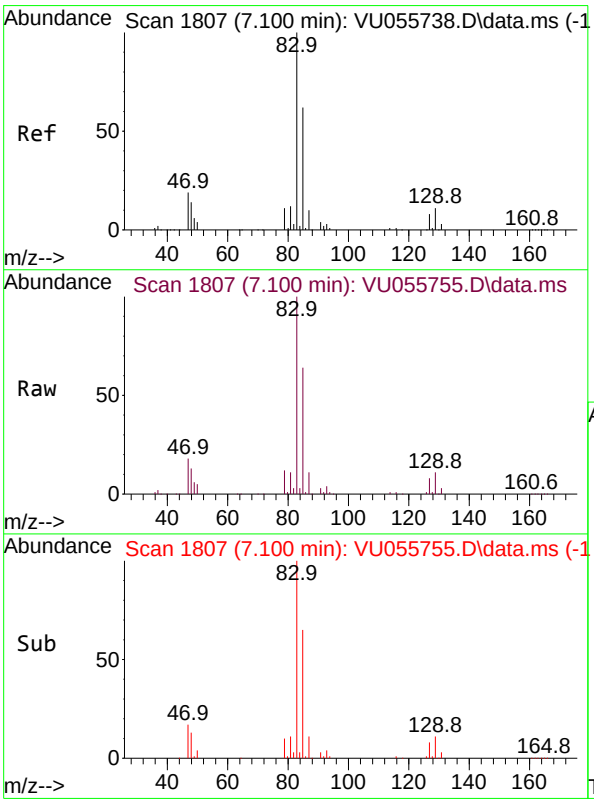
#37
1,2-Dichloropropane
Concen: 46.887 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 178424

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.4

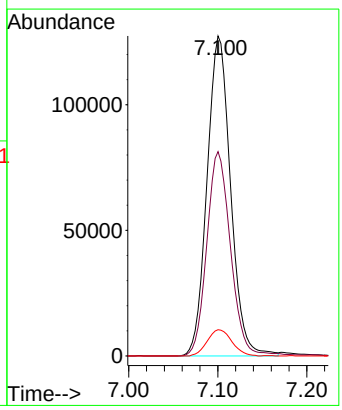


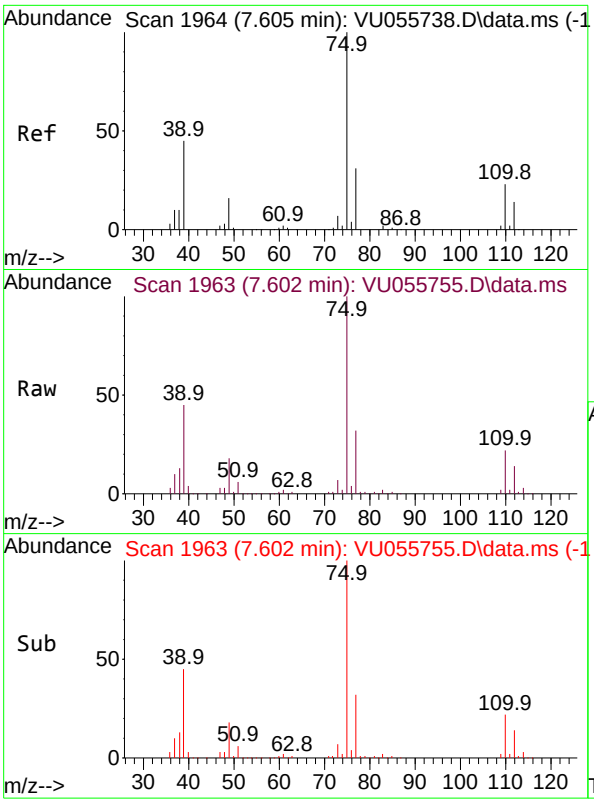


#38
Bromodichloromethane
Concen: 46.749 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 83 Resp: 234603

Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.0	85.4
127	8.2	7.0	10.4



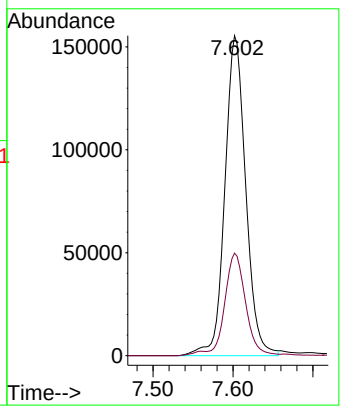


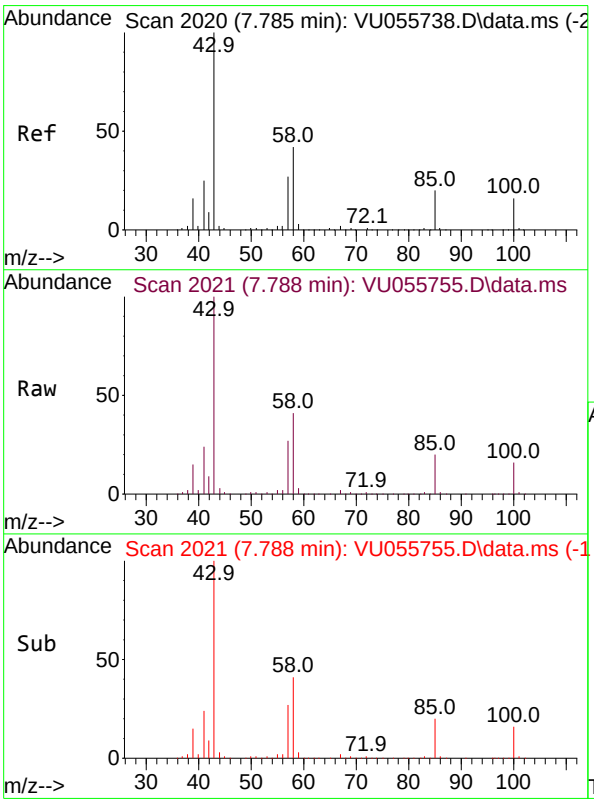
#39
cis-1,3-Dichloropropene
Concen: 48.707 ug/L
RT: 7.602 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 281985

Ion	Ratio	Lower	Upper
75	100		
77	32.0	21.7	40.3

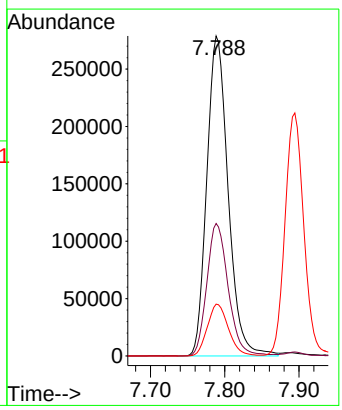


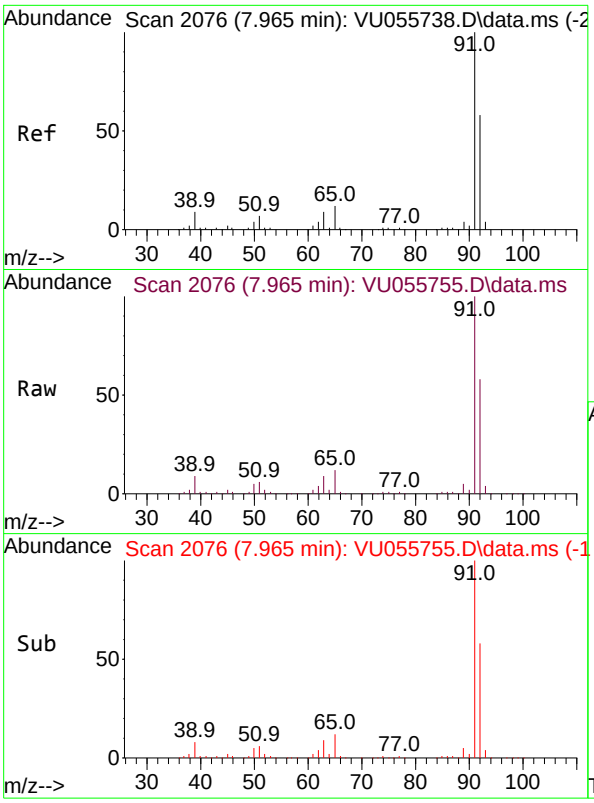


#40
4-Methyl-2-pentanone
Concen: 105.152 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 43 Resp: 556675

Ion	Ratio	Lower	Upper
43	100		
58	41.4	32.3	48.5
100	16.1	12.0	18.0



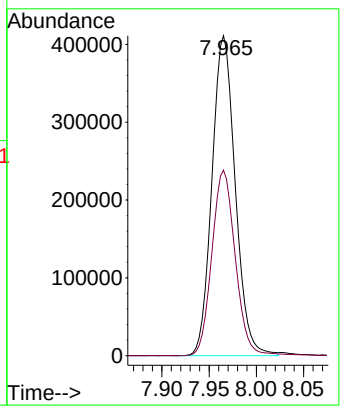


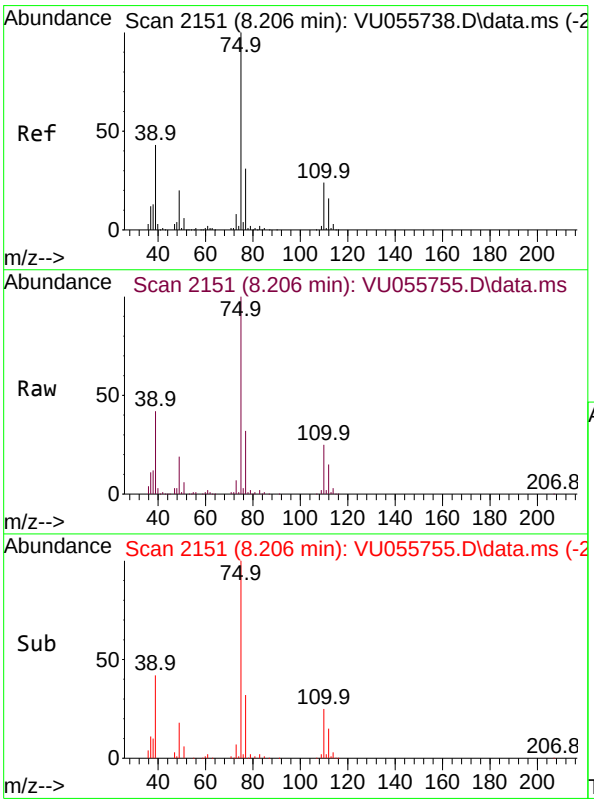
#42
Toluene
Concen: 48.335 ug/L
RT: 7.965 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 704821

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.0	74.4

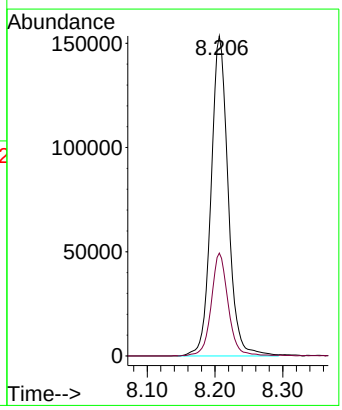


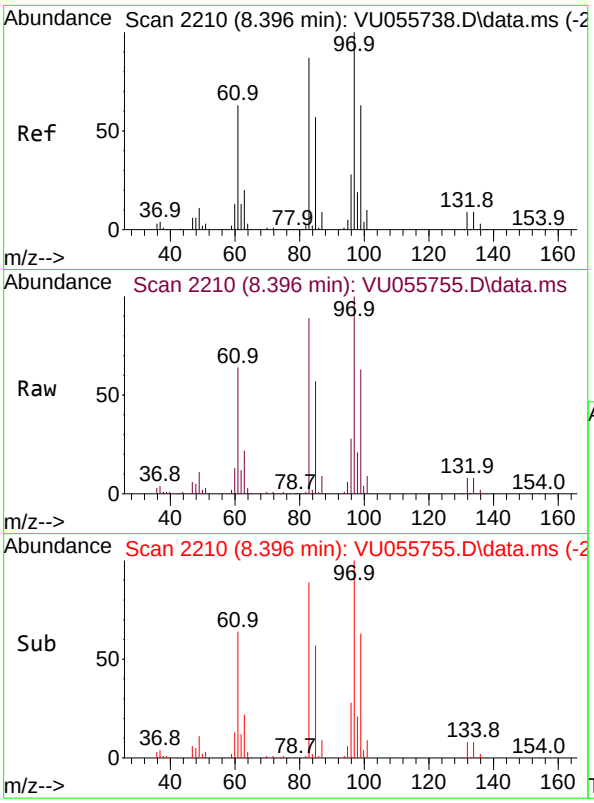


#44
trans-1,3-Dichloropropene
Concen: 48.525 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 75 Resp: 268796

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.6	40.2



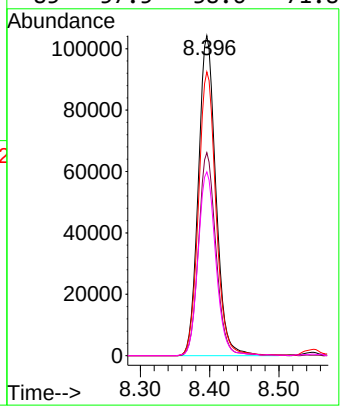


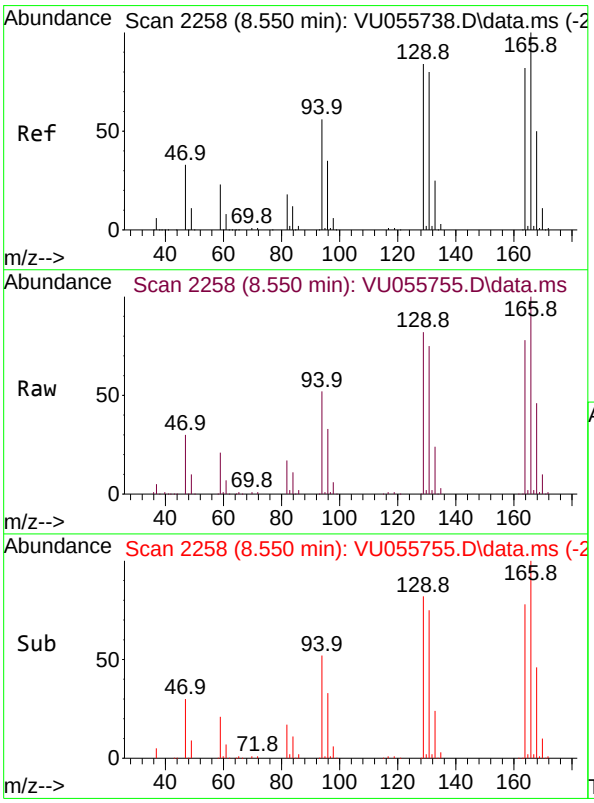
#45
1,1,2-Trichloroethane
Concen: 48.919 ug/L
RT: 8.396 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 183558

Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.4	82.5
83	88.7	60.4	112.2
85	57.5	38.6	71.8

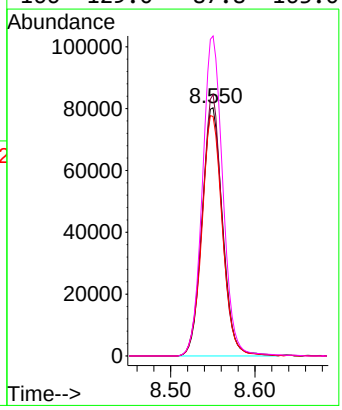


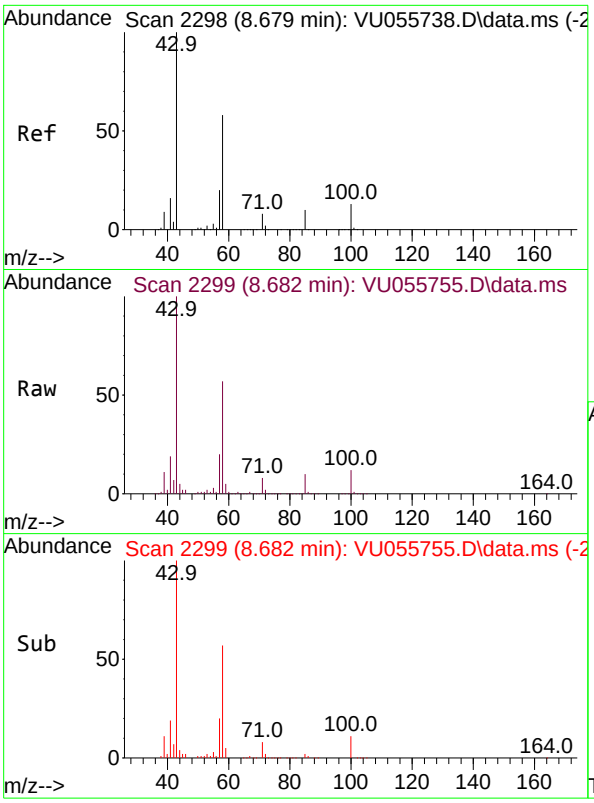


#46
Tetrachloroethene
Concen: 50.453 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:164 Resp: 136590

Ion	Ratio	Lower	Upper
164	100		
129	105.3	70.7	131.3
131	96.5	65.9	122.5
166	129.0	87.8	163.0



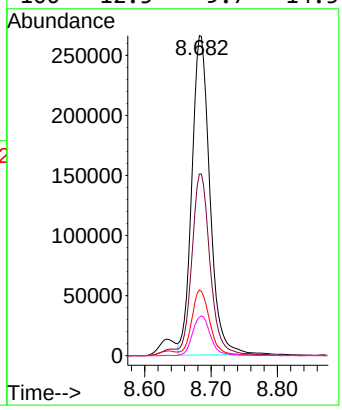


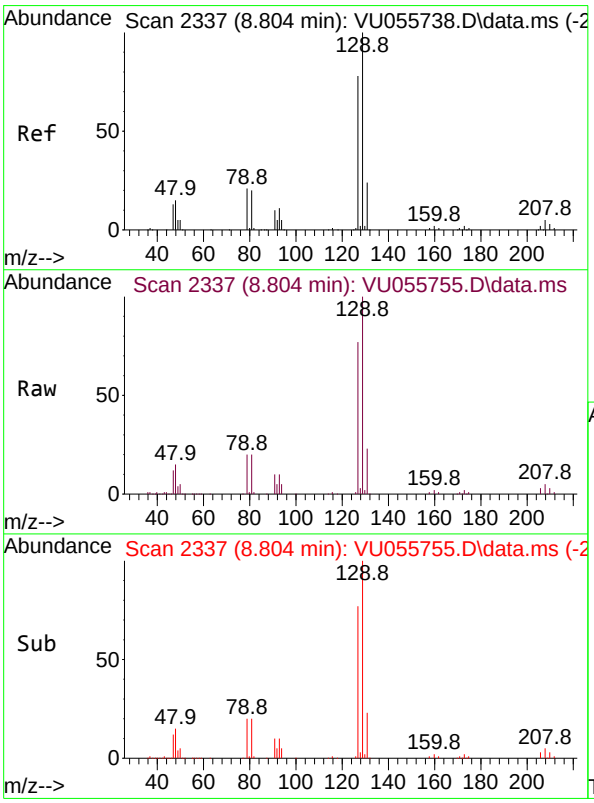
#48
2-Hexanone
Concen: 112.475 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 502952

Ion	Ratio	Lower	Upper
43	100		
58	56.1	45.2	67.8
57	20.6	16.1	24.1
100	12.5	9.7	14.5

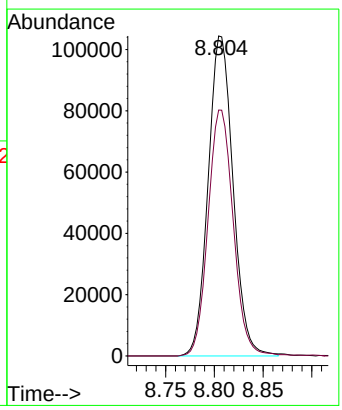


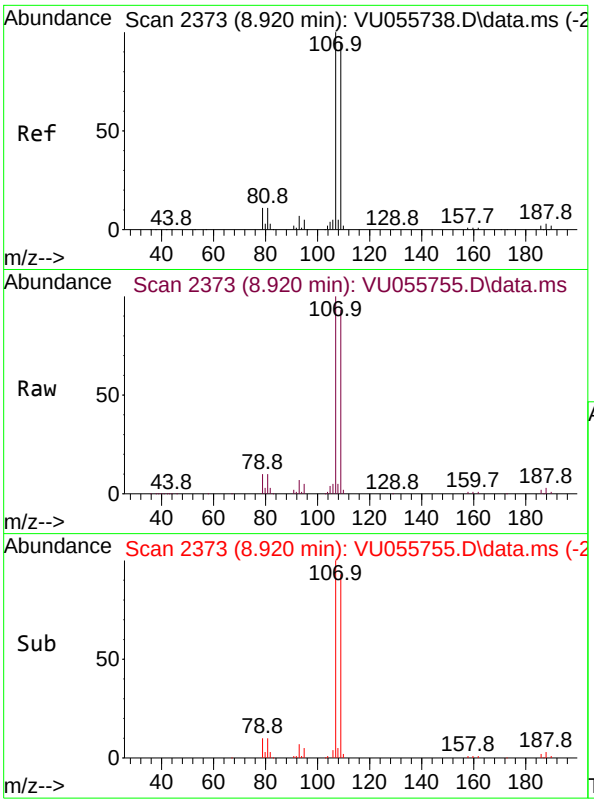


#49
Dibromochloromethane
Concen: 48.353 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:129 Resp: 185388

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.0	100.4



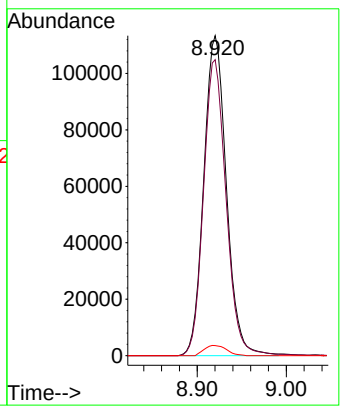


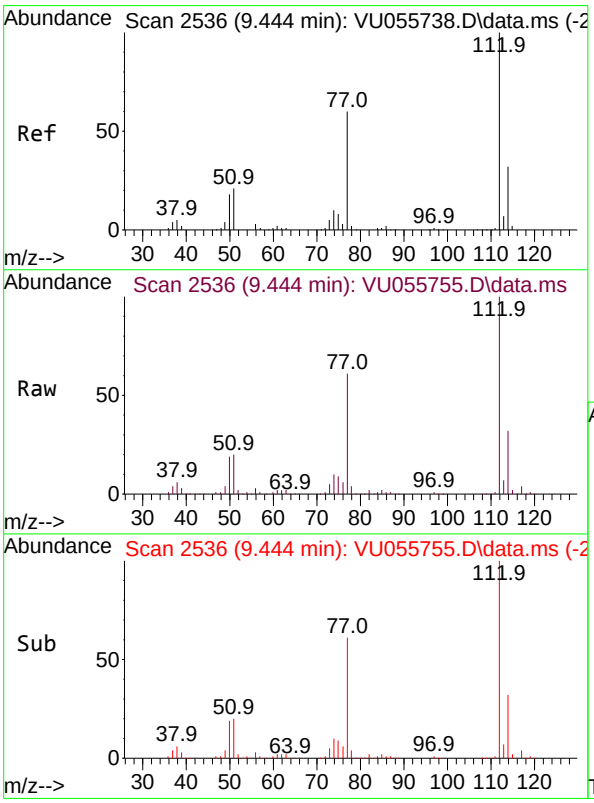
#50
1,2-Dibromoethane
Concen: 49.513 ug/L
RT: 8.920 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 199555

Ion	Ratio	Lower	Upper
107	100		
109	92.5	66.7	123.9
188	3.1	2.6	4.0

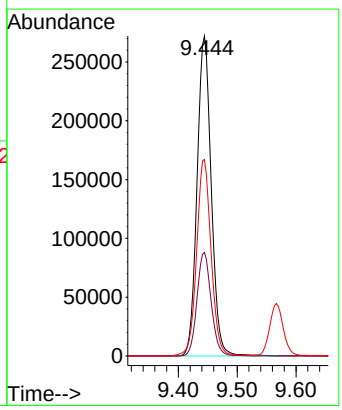


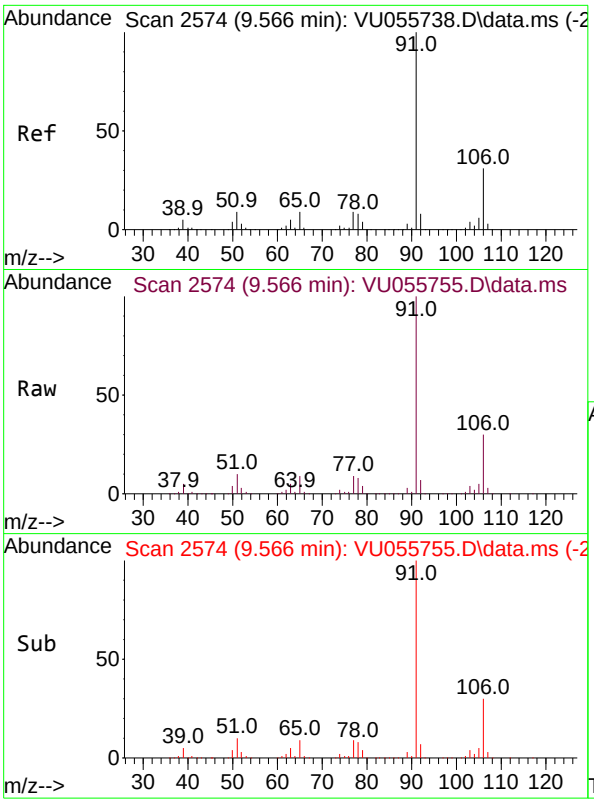


#51
Chlorobenzene
Concen: 48.243 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:112 Resp: 455163

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	61.4	49.0	73.6



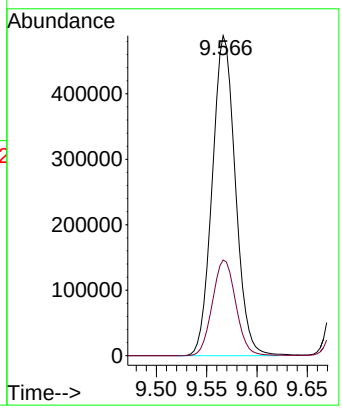


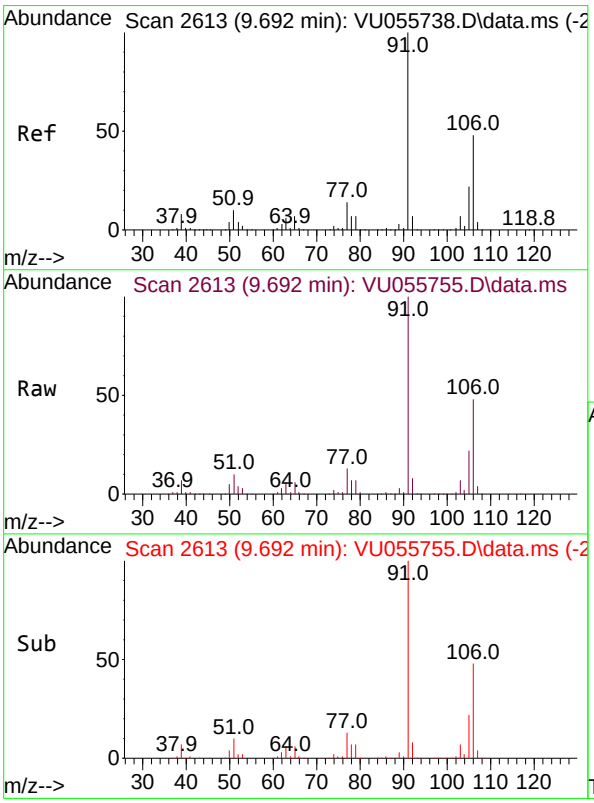
#52
Ethylbenzene
Concen: 49.015 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 781418

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.2	39.4

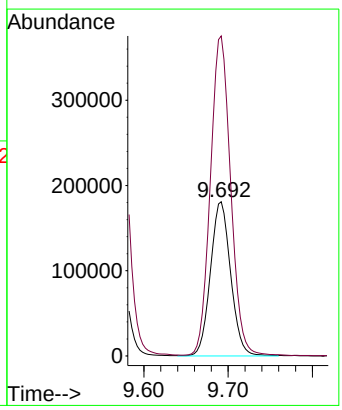


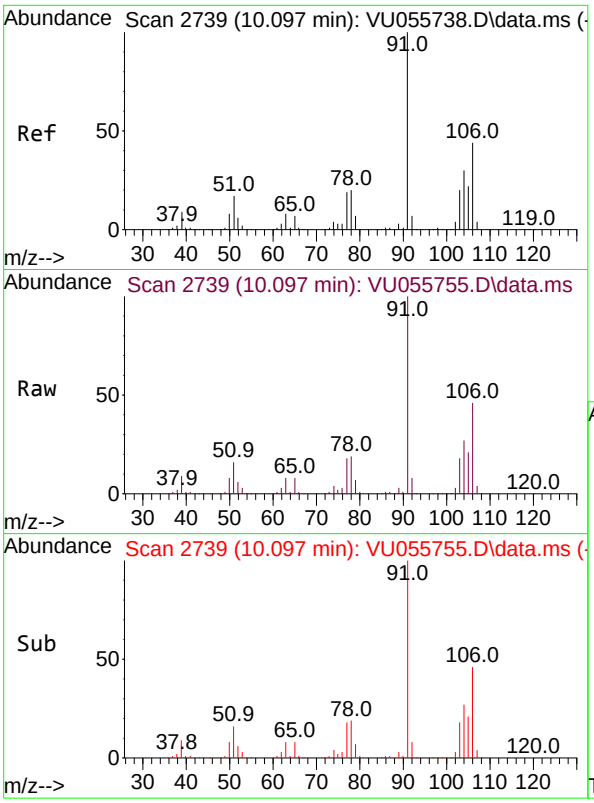


#53
m,p-Xylene
Concen: 50.498 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:106 Resp: 301609

Ion	Ratio	Lower	Upper
106	100		
91	207.4	143.8	267.0



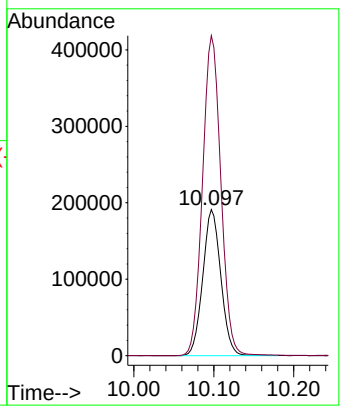


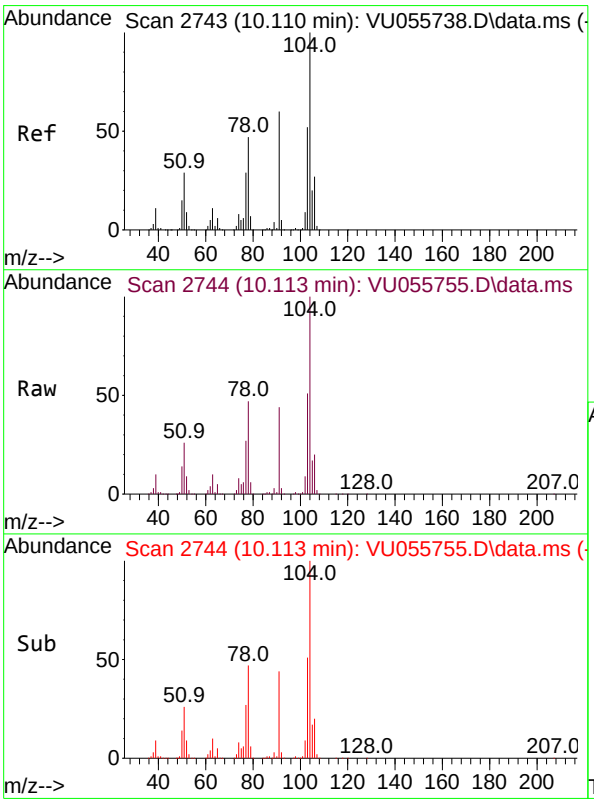
#54
o-Xylene
Concen: 52.008 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 300588

Ion	Ratio	Lower	Upper
106	100		
91	218.9	151.8	282.0

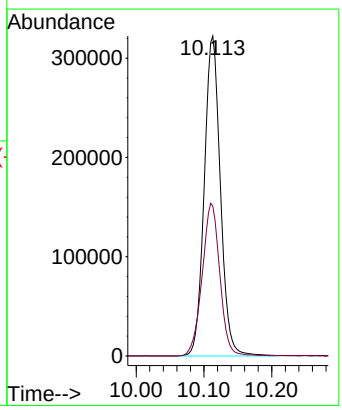


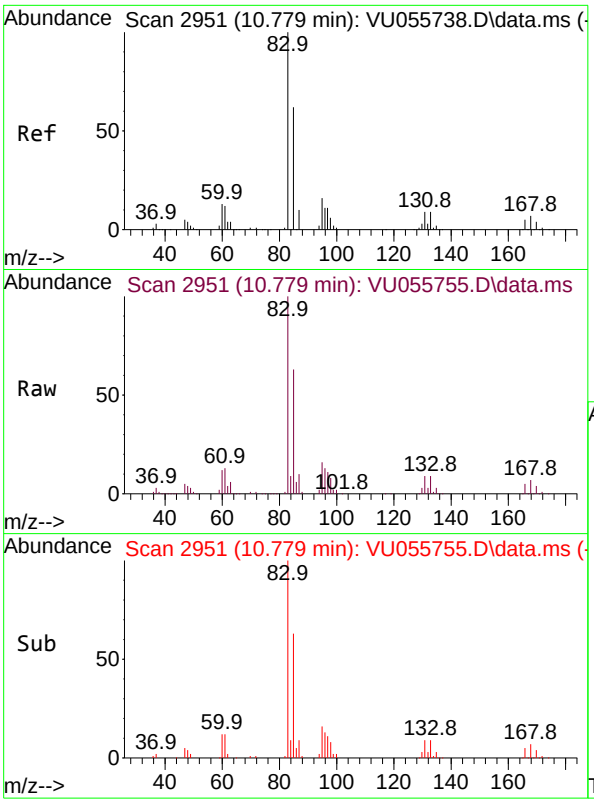


#55
Styrene
Concen: 54.556 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:104 Resp: 534161

Ion	Ratio	Lower	Upper
104	100		
78	46.9	33.6	62.4



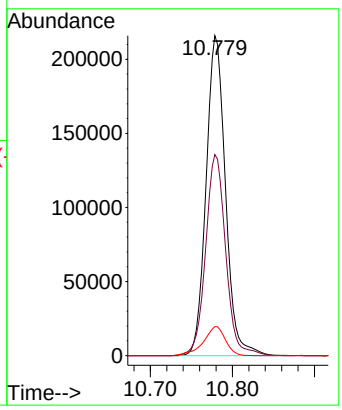


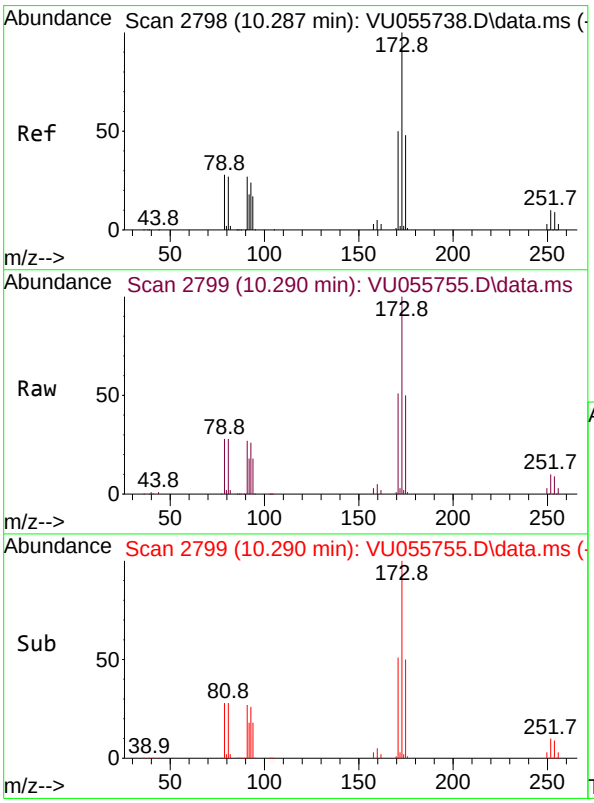
#57
1,1,2,2-Tetrachloroethane
Concen: 55.259 ug/L
RT: 10.779 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 355041

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.9	83.5
131	9.1	7.3	10.9

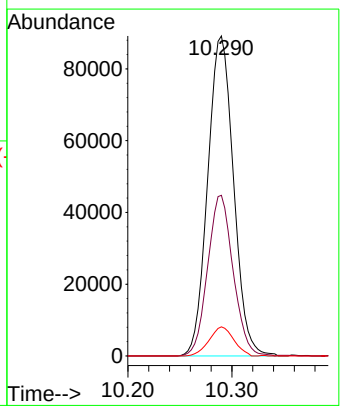


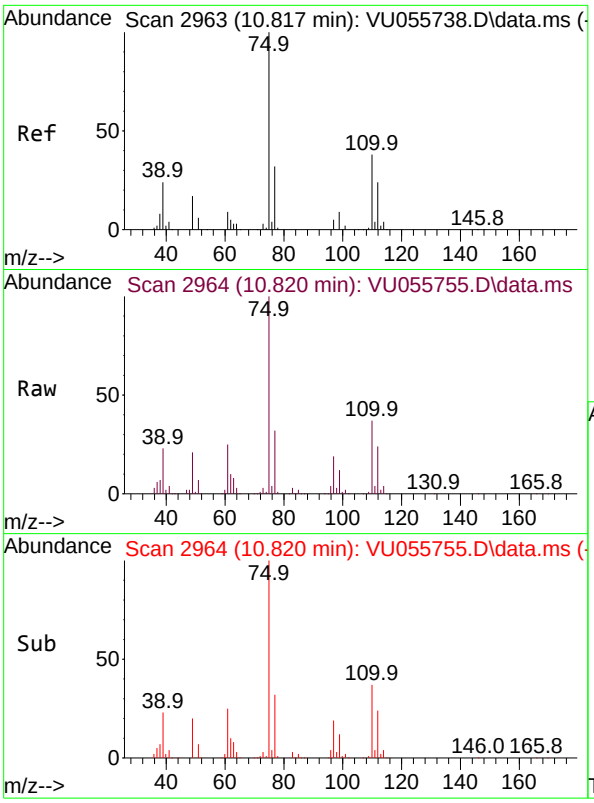


#59
Bromoform
Concen: 49.357 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:173 Resp: 154095

Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.4	60.6
254	8.7	7.3	10.9



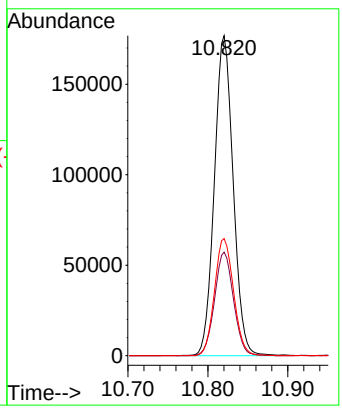


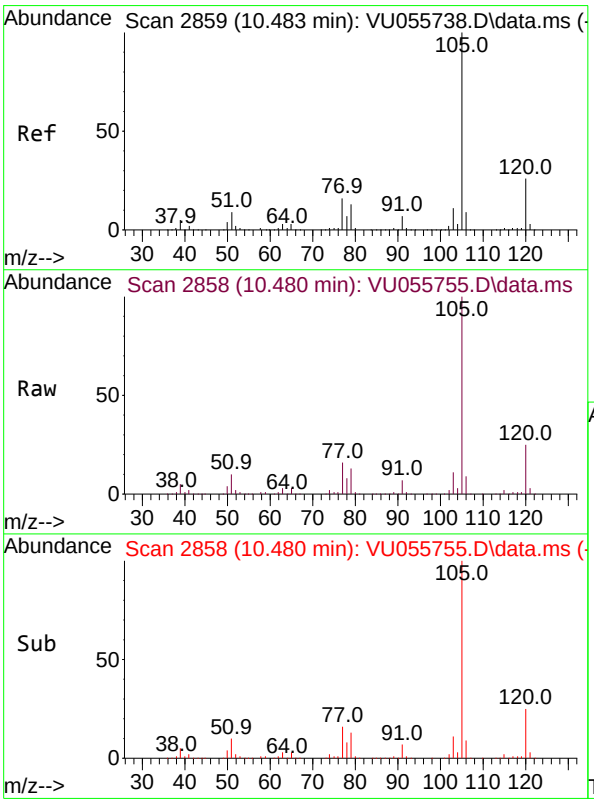
#60
1,2,3-Trichloropropane
Concen: 52.366 ug/L
RT: 10.820 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 288235

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
110	37.1	28.5	42.7

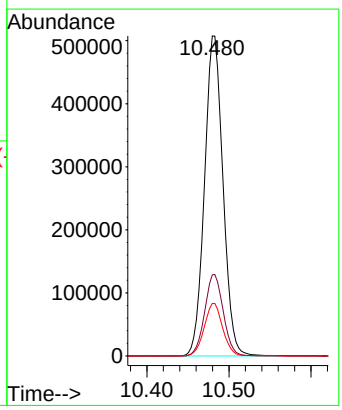


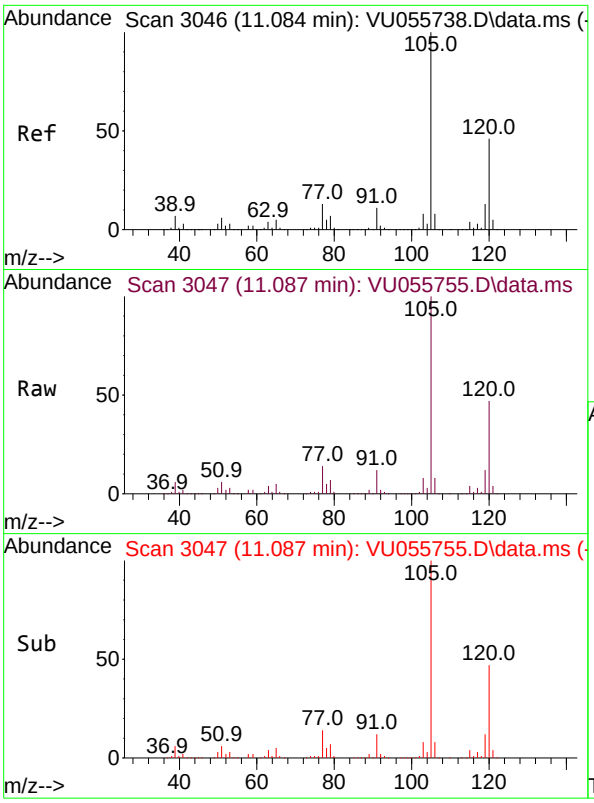


#61
Isopropylbenzene
Concen: 50.198 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:105 Resp: 793668

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	30.8
77	16.5	13.4	20.0



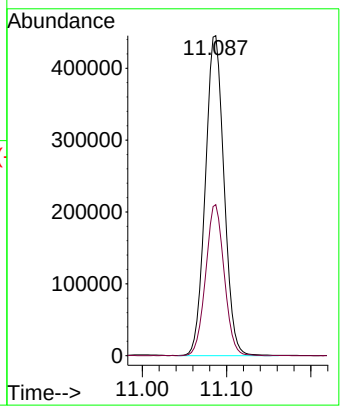


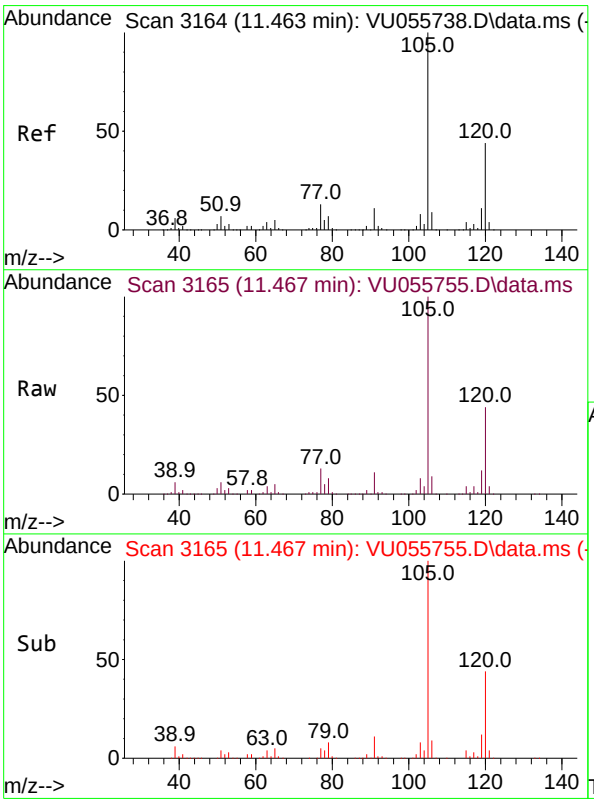
#62
1,3,5-Trimethylbenzene
Concen: 53.768 ug/L
RT: 11.087 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 687881

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.7	56.5

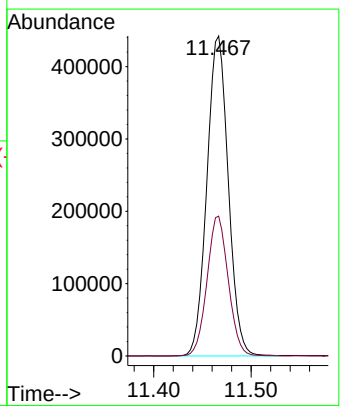


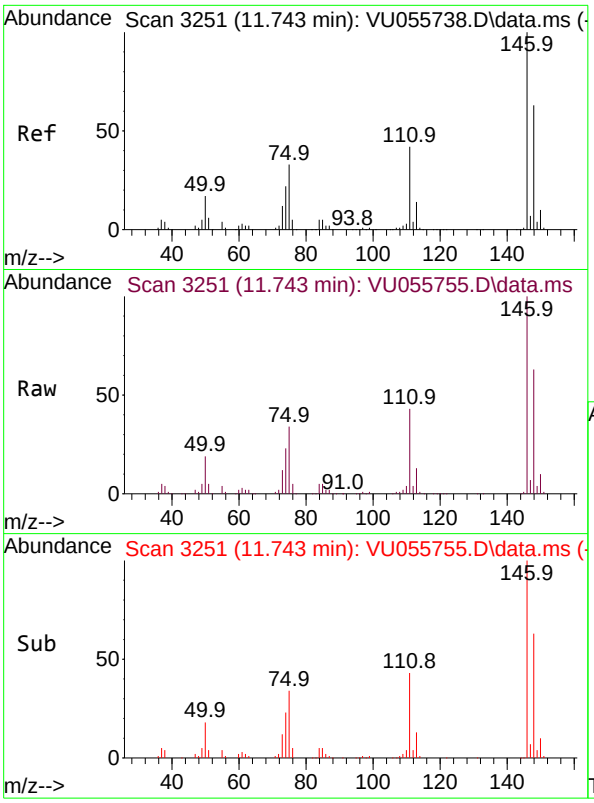


#63
1,2,4-Trimethylbenzene
Concen: 53.430 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:105 Resp: 675920

Ion	Ratio	Lower	Upper
105	100		
120	43.4	35.0	52.4



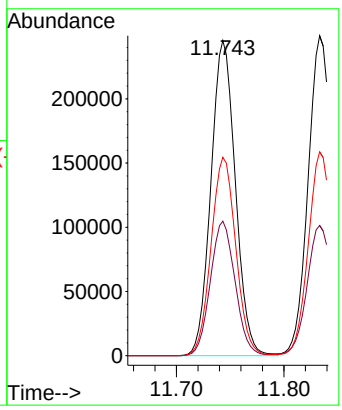


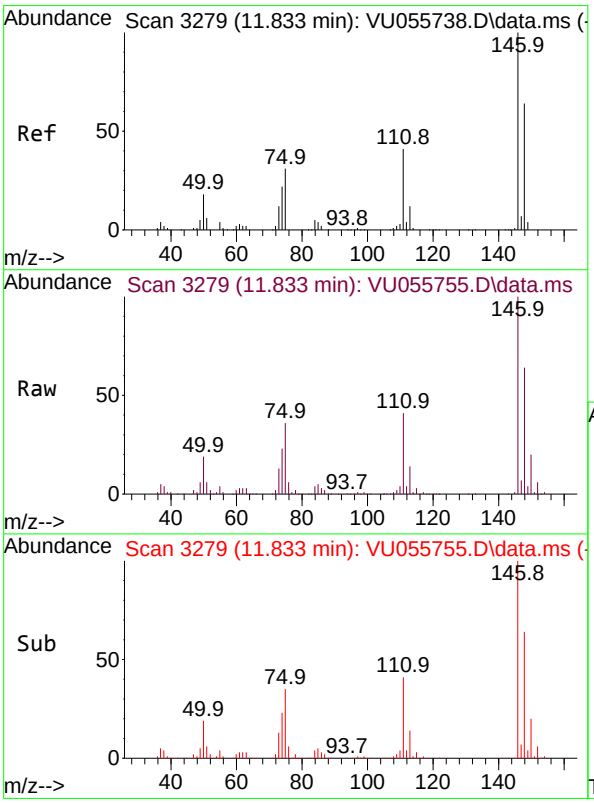
#64
1,3-Dichlorobenzene
Concen: 49.669 ug/L
RT: 11.743 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 388206

Ion	Ratio	Lower	Upper
146	100		
111	42.7	29.7	55.1
148	63.0	45.0	83.6

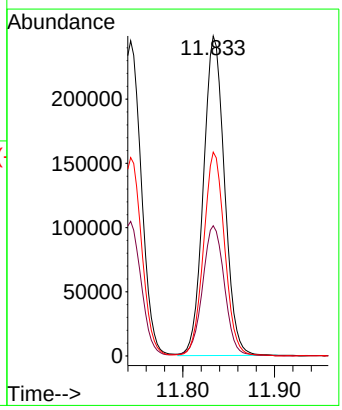


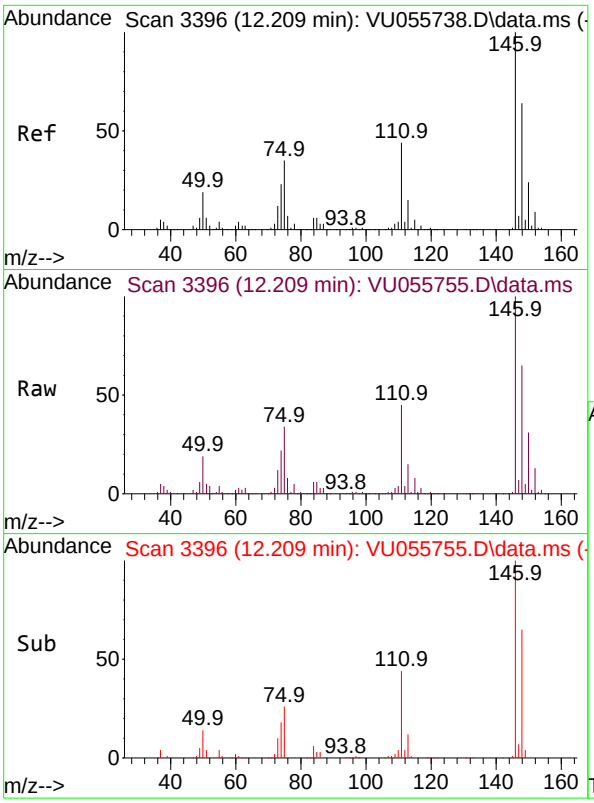


#65
1,4-Dichlorobenzene
Concen: 49.449 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:146 Resp: 397364

Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.6	53.0
148	63.7	44.2	82.0



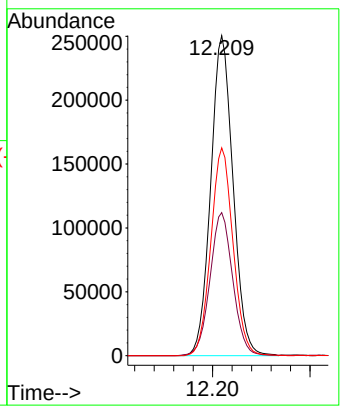


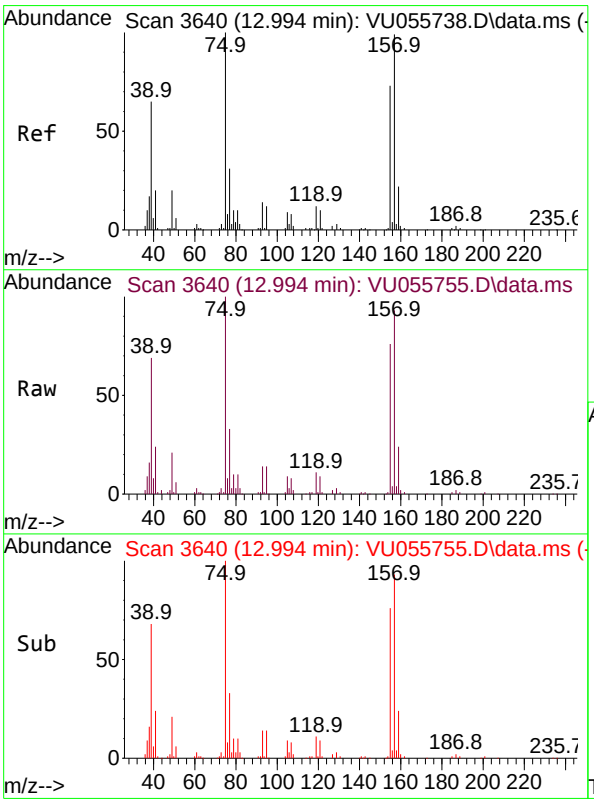
#67
1,2-Dichlorobenzene
Concen: 51.336 ug/L
RT: 12.209 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 398181

Ion	Ratio	Lower	Upper
146	100		
111	44.7	35.2	52.8
148	65.0	52.3	78.5

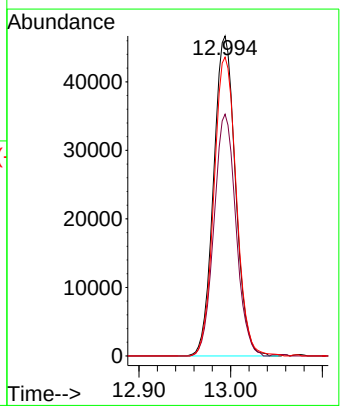


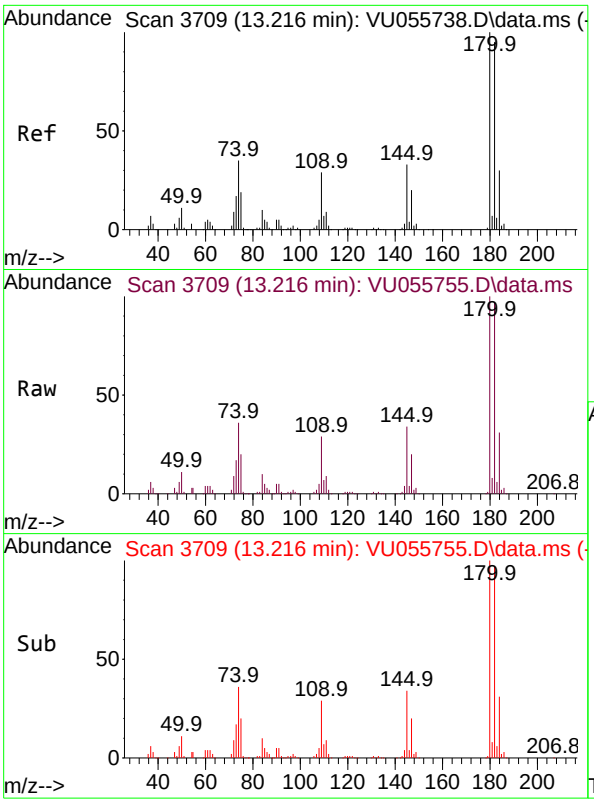


#68
1,2-Dibromo-3-chloropropane
Concen: 47.028 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion: 75 Resp: 77388

Ion	Ratio	Lower	Upper
75	100		
155	75.5	59.6	89.4
157	93.4	77.7	116.5



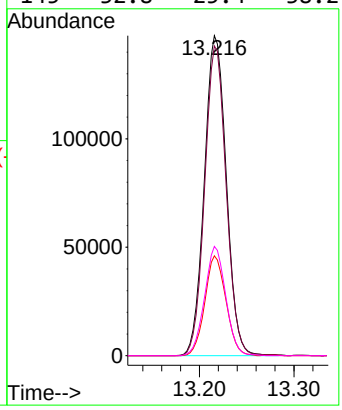


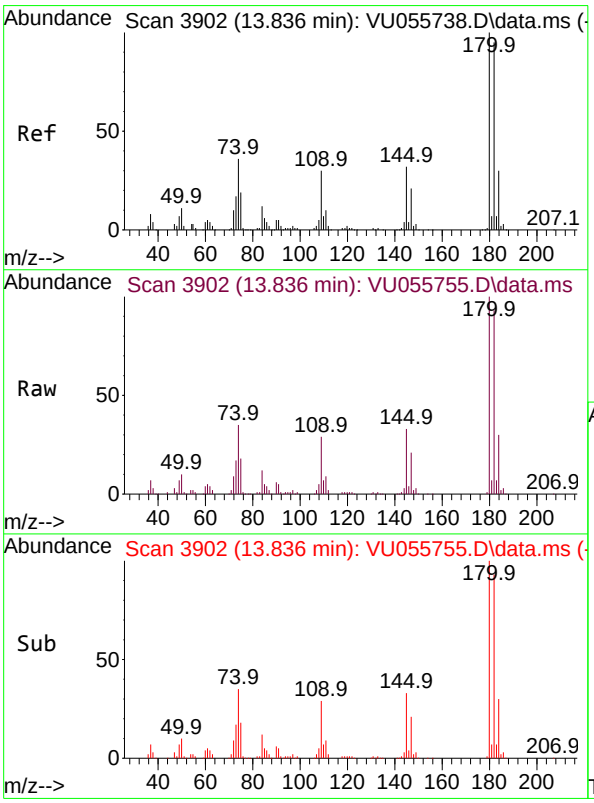
#69
1,3,5-Trichlorobenzene
Concen: 45.712 ug/L
RT: 13.216 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 238314

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
184	30.0	23.9	35.9
145	32.8	25.4	38.2

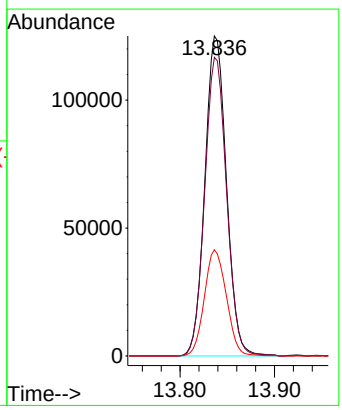


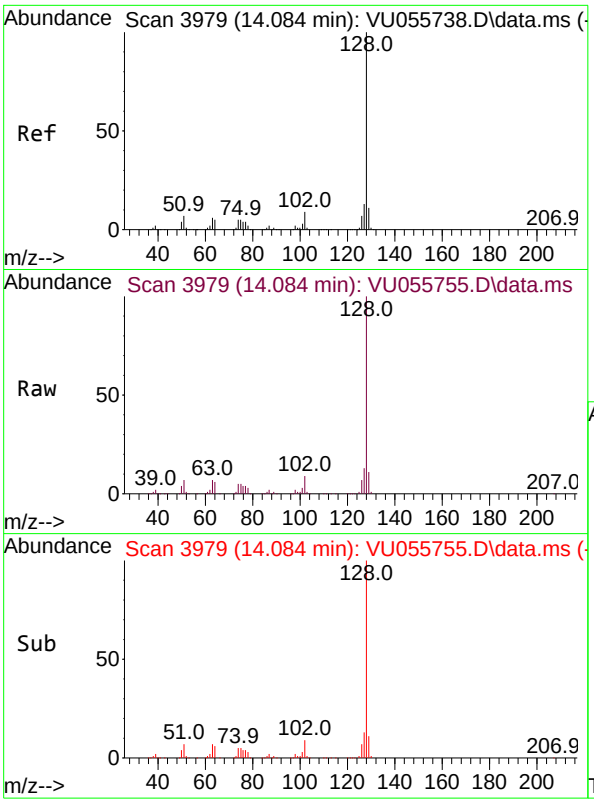


#70
1,2,4-trichlorobenzene
Concen: 45.699 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:180 Resp: 198449

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.2
145	33.8	26.1	39.1



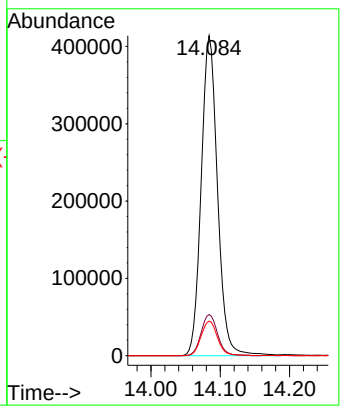


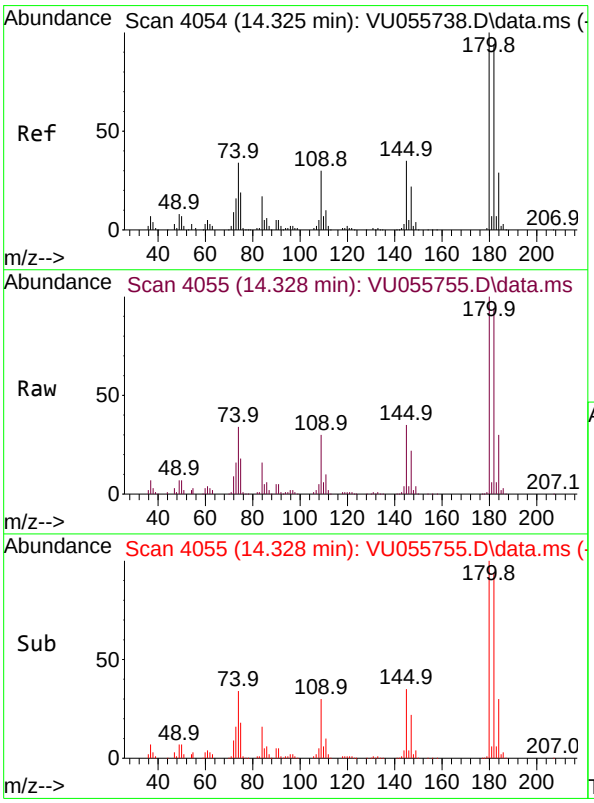
#71
Naphthalene
Concen: 52.391 ug/L
RT: 14.084 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 675829

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.9	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 48.050 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055755.D
Acq: 11 Oct 2023 18:13

Tgt Ion:180 Resp: 205724

Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.1	117.1
145	34.9	27.4	41.0