Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100620\
Data File : VU040535.D
Acq On : 06 Oct 2020 18:37
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Quant Time: Oct 07 08:14:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	282497	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	283733	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	131439	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	113290	46.70	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.40%				
7) Chloroethane-d5	1.92	69	89350	48.34	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.68%				
11) 1,1-Dichloroethene-d2	2.58	63	166423	35.95	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.90%				
21) 2-Butanone-d5	4.64	46	194813	101.18	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.18%				
24) Chloroform-d	5.08	84	201179	48.07	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.14%				
26) 1,2-Dichloroethane-d4	5.72	65	143287	49.16	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.32%				
32) Benzene-d6	5.74	84	390367	48.34	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.68%				
36) 1,2-Dichloropropane-d6	6.70	67	130223	48.12	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.24%				
41) Toluene-d8	7.91	98	347756	47.51	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.02%				
43) trans-1,3-Dichloropropene-	8.19	79	64324	47.48	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.96%				
47) 2-Hexanone-d5	8.64	63	125488	99.46	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.46%				
56) 1,1,2,2-Tetrachloroethane-	10.76	84	181728	46.48	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.96%				
66) 1,2-Dichlorobenzene-d4	12.19	152	134043	50.11	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	6909	2.540	ug/L		97
3) Chloromethane	1.53	50	7292	2.551	ug/L		99
5) Vinyl chloride	1.61	62	6906	2.440	ug/L	#	50
6) Bromomethane	1.86	94	3525	2.373	ug/L		98
8) Chloroethane	1.94	64	3893	2.280	ug/L		95
9) Trichlorofluoromethane	2.15	101	8788	2.421	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6707	3.099	ug/L	#	85
12) 1,1-Dichloroethene	2.59	96	6325	3.161	ug/L	#	1
13) Acetone	2.64	43	7815	4.226	ug/L		98
14) Carbon disulfide	2.81	76	15985	2.327	ug/L		95
15) Methyl Acetate	2.96	43	7683	2.547	ug/L		94
16) Methylene chloride	3.06	84	6270	2.642	ug/L		89
17) trans-1,2-Dichloroethene	3.37	96	5111	2.398	ug/L		86
18) Methyl tert-butyl Ether	3.38	73	15352	2.290	ug/L	#	92
19) 1,1-Dichloroethane	3.88	63	6486	1.526	ug/L		97
20) cis-1,2-Dichloroethene	4.69	96	5248	2.285	ug/L		91
22) 2-Butanone	4.72	43	10058	4.264	ug/L		91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100620\
Data File : VU040535.D
Acq On : 06 Oct 2020 18:37
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Quant Time: Oct 07 08:14:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	2579	2.155 ug/L	86
25) Chloroform	5.11	83	13718	3.165 ug/L	98
27) 1,2-Dichloroethane	5.81	62	9635	2.694 ug/L	97
29) Cyclohexane	5.40	56	8744	2.302 ug/L #	70
30) 1,1,1-Trichloroethane	5.33	97	8880	2.437 ug/L	97
31) Carbon tetrachloride	5.54	117	6733	2.137 ug/L	90
33) Benzene	5.79	78	22085	2.408 ug/L	100
34) Trichloroethene	6.56	95	5620	2.379 ug/L	97
35) Methylcyclohexane	6.78	83	8165	2.273 ug/L #	87
37) 1,2-Dichloropropane	6.80	63	6201	2.462 ug/L #	96
38) Bromodichloromethane	7.11	83	7999	2.445 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	8345	2.261 ug/L	93
40) 4-Methyl-2-pentanone	7.80	43	17260	4.343 ug/L	98
42) Toluene	7.98	91	22913	2.447 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	8432	2.269 ug/L	87
45) 1,1,2-Trichloroethane	8.40	97	5519	2.446 ug/L	93
46) Tetrachloroethene	8.56	164	4206	2.464 ug/L	96
48) 2-Hexanone	8.69	43	17231	5.335 ug/L	97
49) Dibromochloromethane	8.82	129	5789	2.350 ug/L	91
50) 1,2-Dibromoethane	8.93	107	5923	2.477 ug/L #	97
51) Chlorobenzene	9.45	112	14408	2.346 ug/L	91
52) Ethylbenzene	9.57	91	23059	2.219 ug/L	96
53) m,p-Xylene	9.70	106	8177	2.137 ug/L	77
54) o-xylene	10.10	106	7433	2.041 ug/L	89
55) Styrene	10.11	104	12332	1.923 ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.78	83	9913	2.485 ug/L #	98
59) Bromoform	10.29	173	3655	2.269 ug/L #	92
60) 1,2,3-Trichloropropane	10.82	75	7765	2.601 ug/L	97
61) Isopropylbenzene	10.48	105	19296	2.186 ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	14549	2.006 ug/L	98
63) 1,2,4-Trimethylbenzene	11.47	105	13195	1.794 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	10030	2.330 ug/L	91
65) 1,4-Dichlorobenzene	11.83	146	11019	2.438 ug/L	95
67) 1,2-Dichlorobenzene	12.21	146	11796	2.736 ug/L	98
68) 1,2-Dibromo-3-chloropropan	13.00	75	2112	2.518 ug/L	95
69) 1,3,5-Trichlorobenzene	13.21	180	6823	2.419 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	4924	2.015 ug/L	89
71) Naphthalene	14.08	128	9729	1.288 ug/L	98
72) 1,2,3-Trichlorobenzene	14.33	180	4578	1.887 ug/L	99

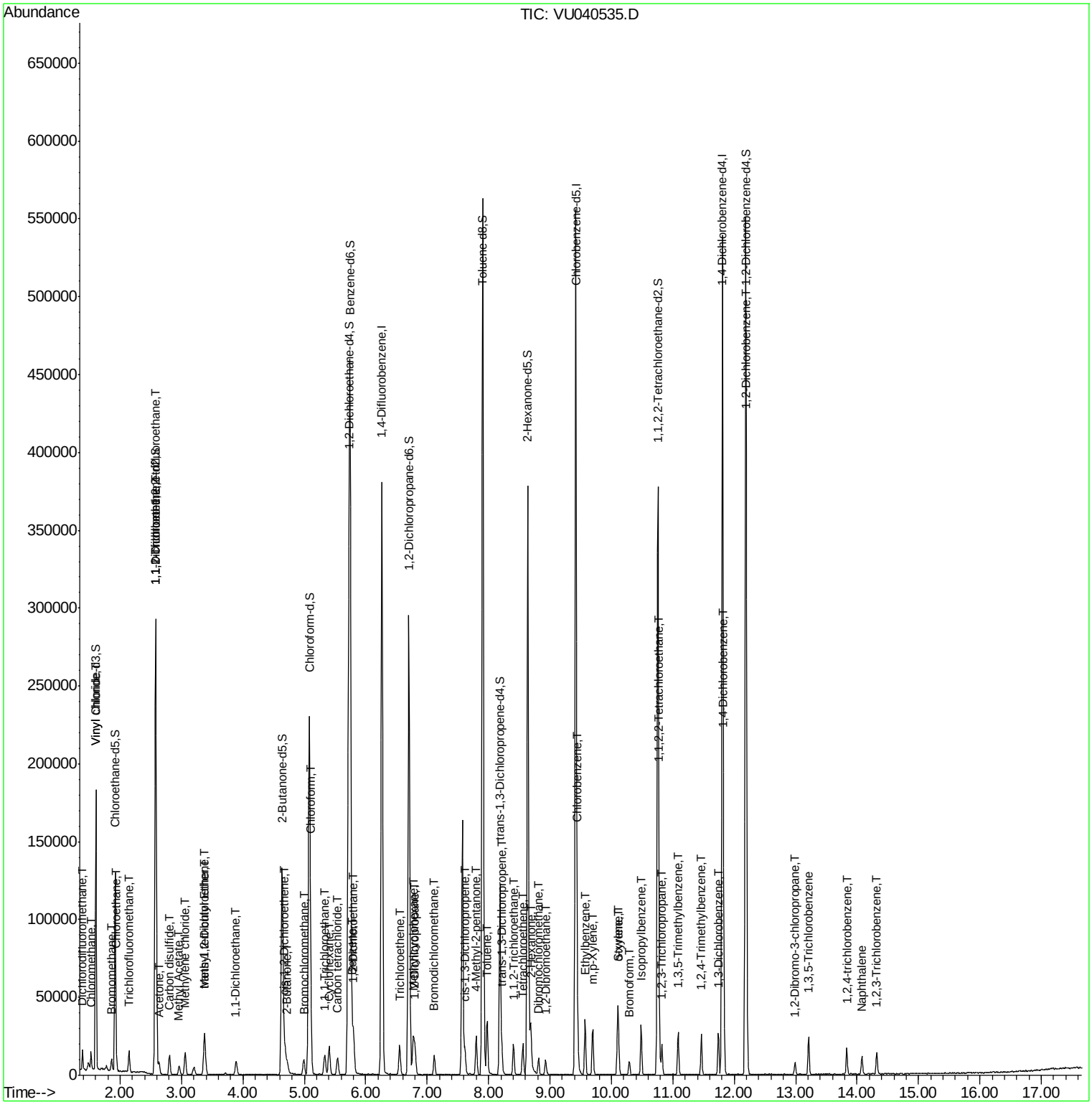
(#) = qualifier out of range (m) = manual integration (+) = signals summed

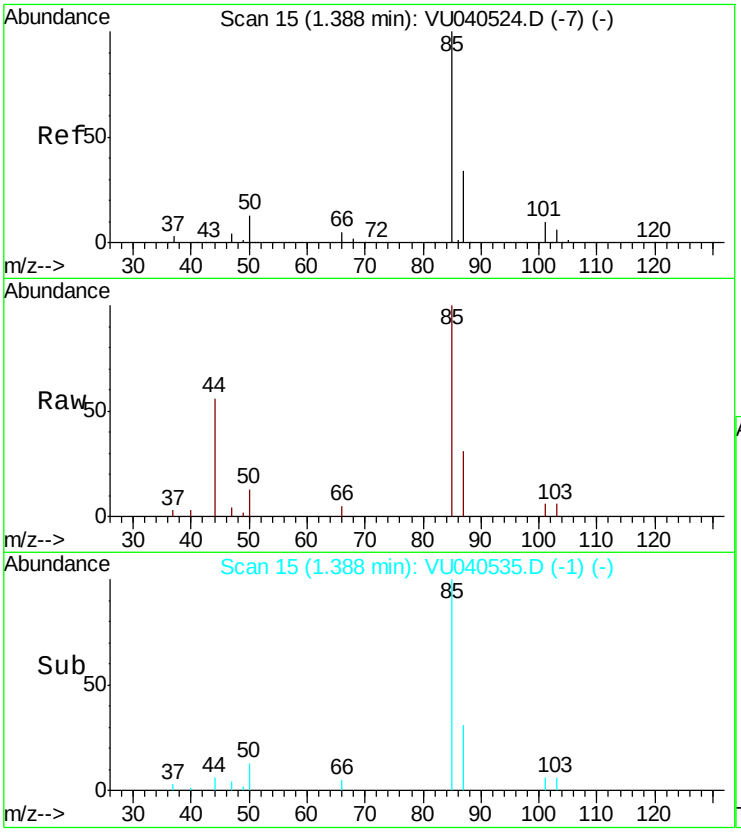
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100620\
Data File : VU040535.D
Acq On : 06 Oct 2020 18:37
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Quant Time: Oct 07 08:14:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration



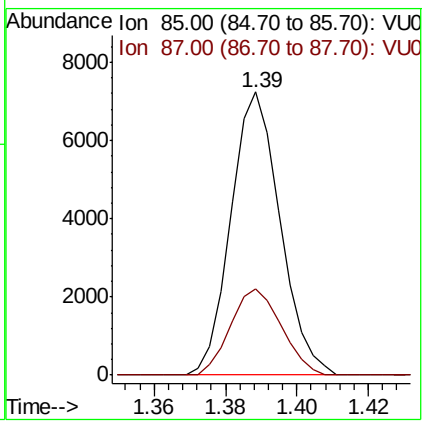


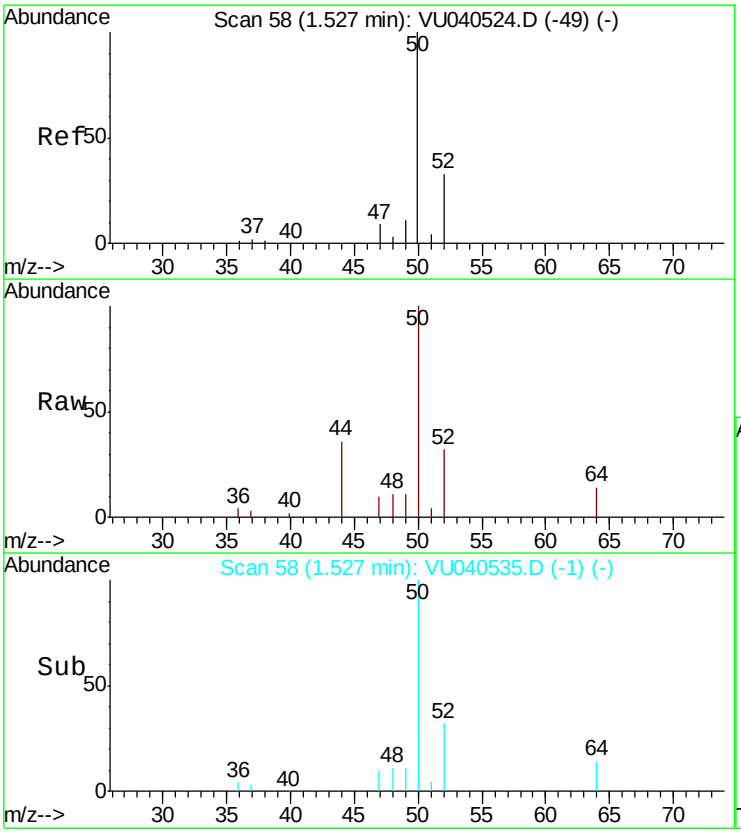
#2
Dichlorodifluoromethane
Concen: 2.540 ug/L
RT: 1.39 min Scan# 15
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 85 Resp: 6909

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.5	39.7

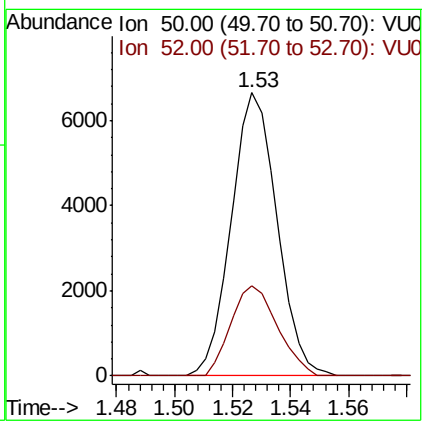


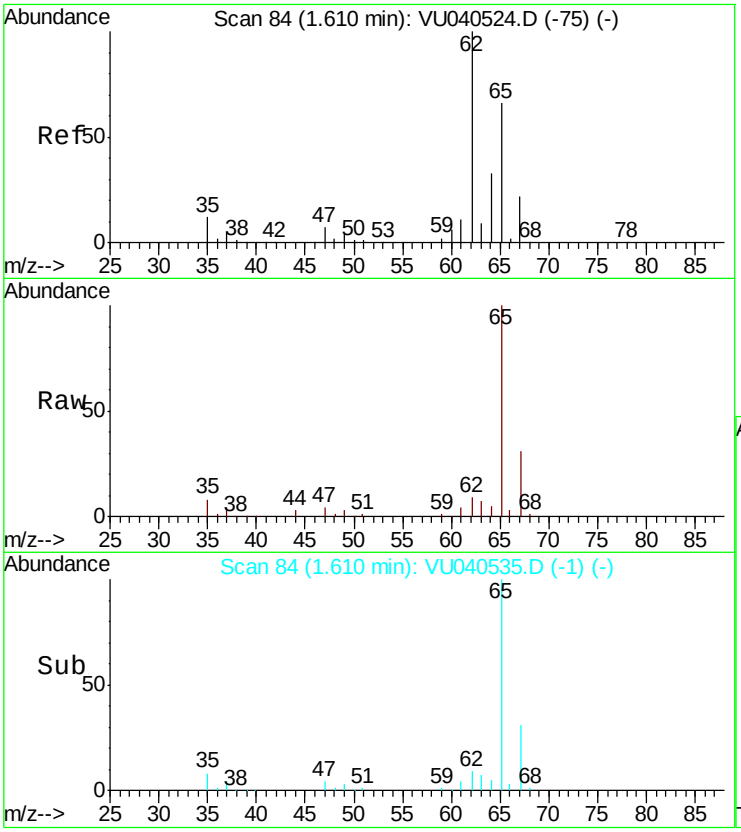


#3
Chloromethane
Concen: 2.551 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 50 Resp: 7292

Ion	Ratio	Lower	Upper
50	100		
52	31.9	22.9	42.5



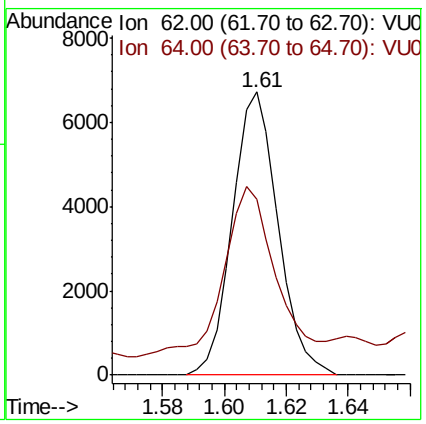


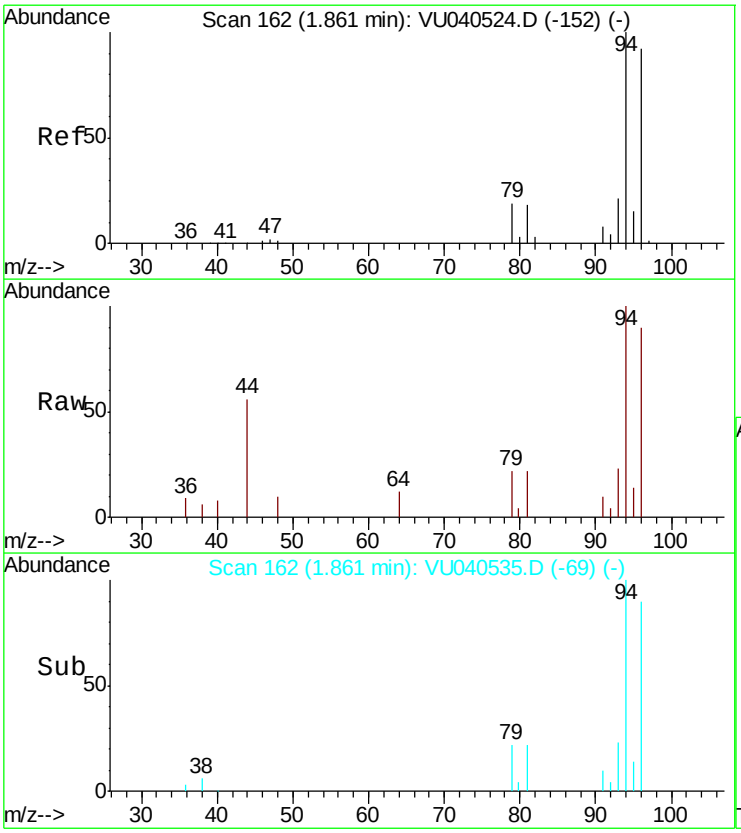
#5
Vinyl chloride
Concen: 2.440 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 62 Resp: 6906

Ion	Ratio	Lower	Upper
62	100		
64	62.2	23.4	43.6#

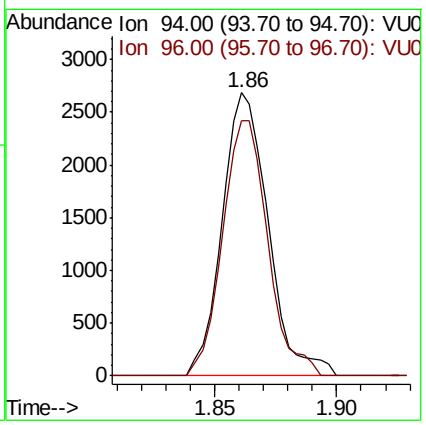


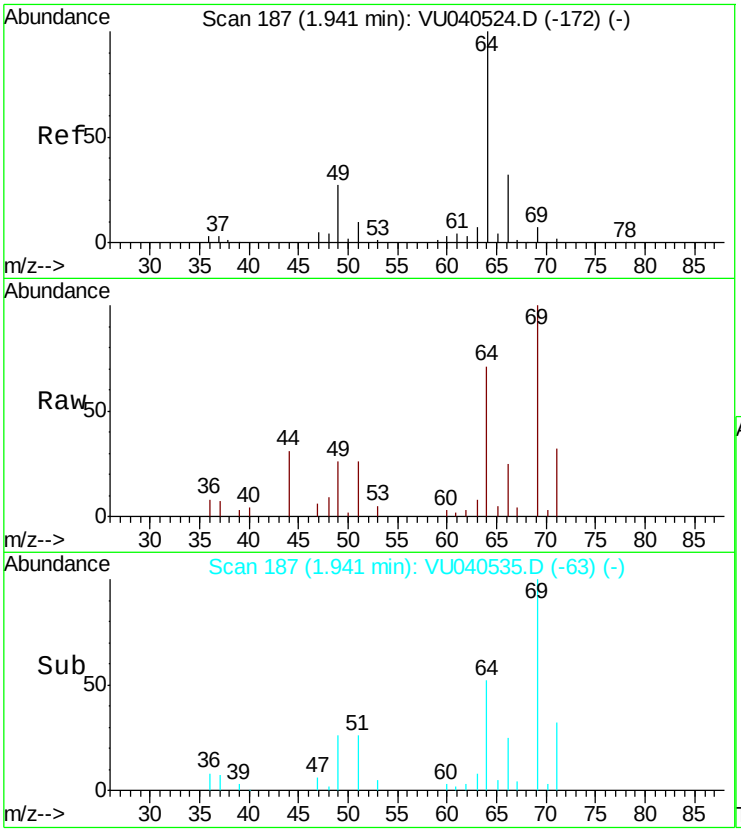


#6
Bromomethane
Concen: 2.373 ug/L
RT: 1.86 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 94 Resp: 3525

Ion	Ratio	Lower	Upper
94	100		
96	90.3	64.4	119.6



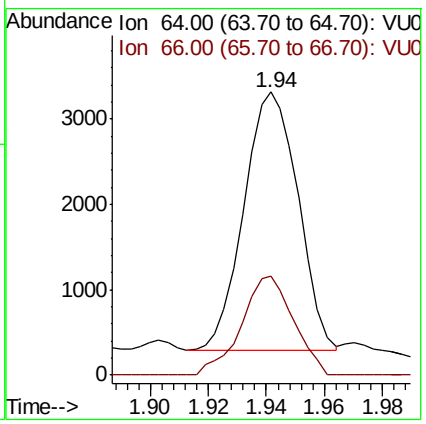


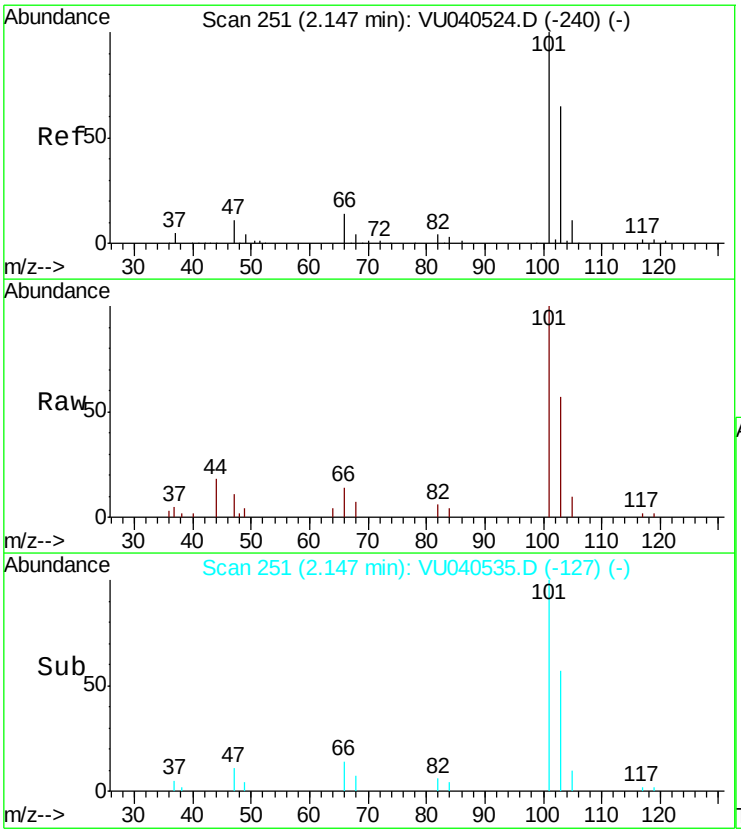
#8
Chloroethane
Concen: 2.280 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 64 Resp: 3893

Ion	Ratio	Lower	Upper
64	100		
66	34.8	22.5	41.9

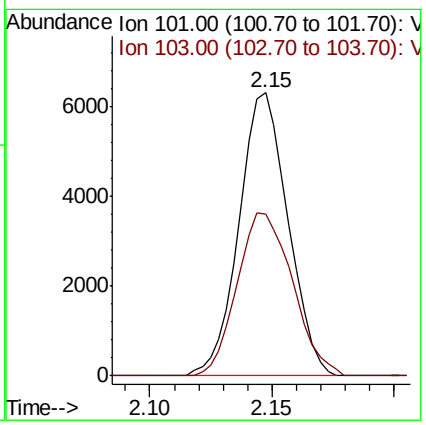


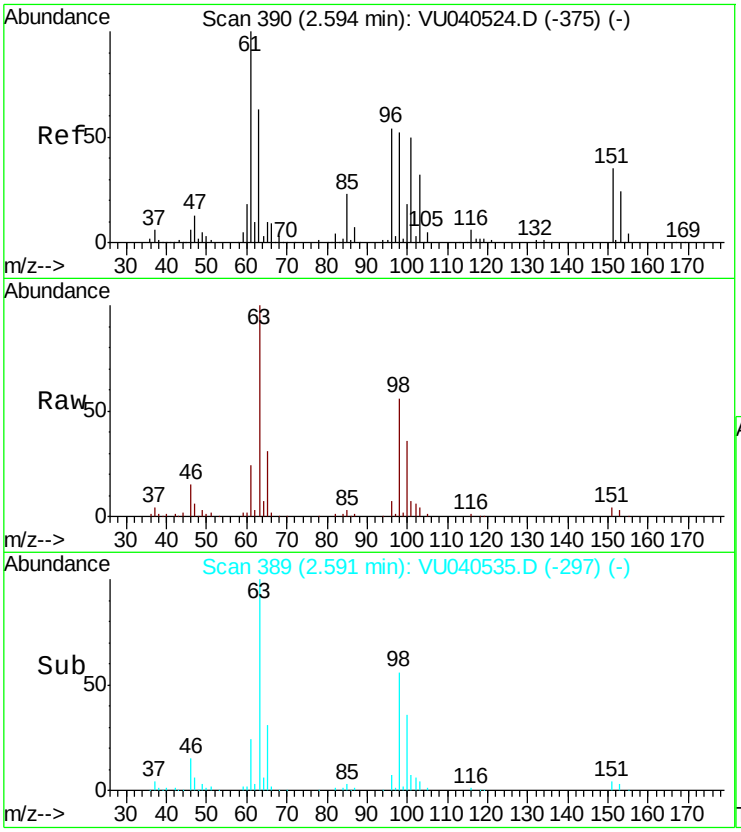


#9
Trichlorofluoromethane
Concen: 2.421 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:101 Resp: 8788

Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.1	78.1



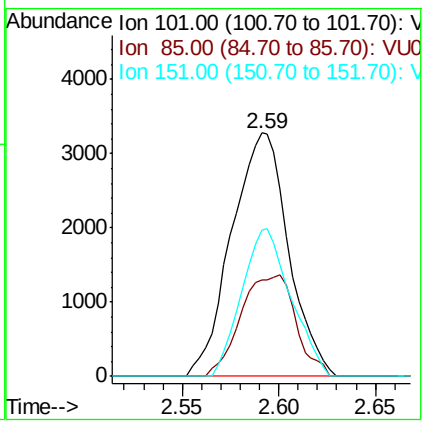


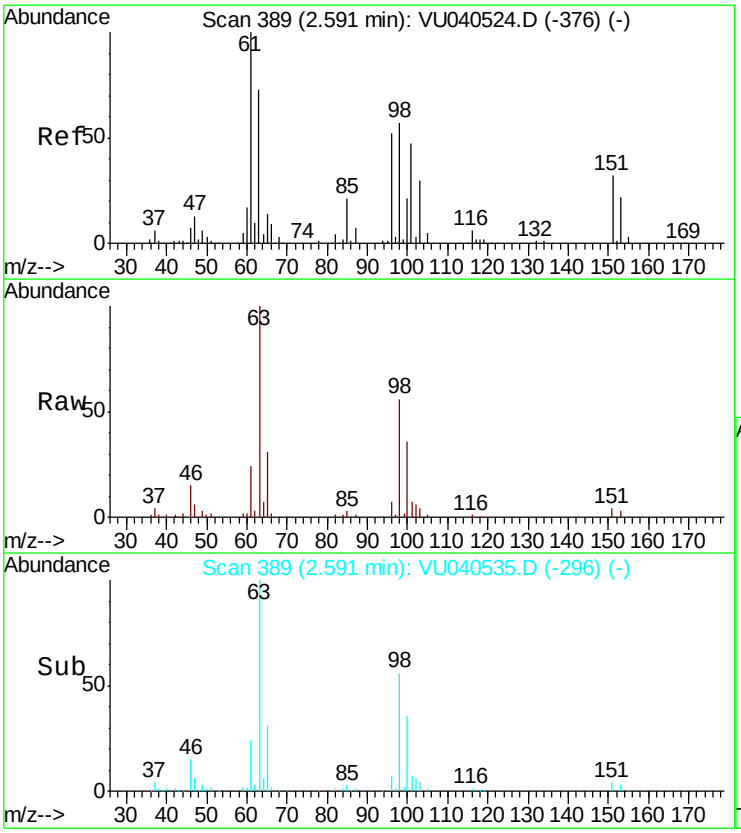
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.099 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:101 Resp: 6707

Ion	Ratio	Lower	Upper
101	100		
85	40.0	35.4	53.2
151	52.3	54.8	82.2#

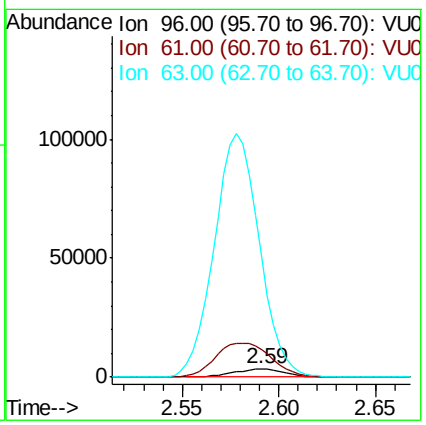


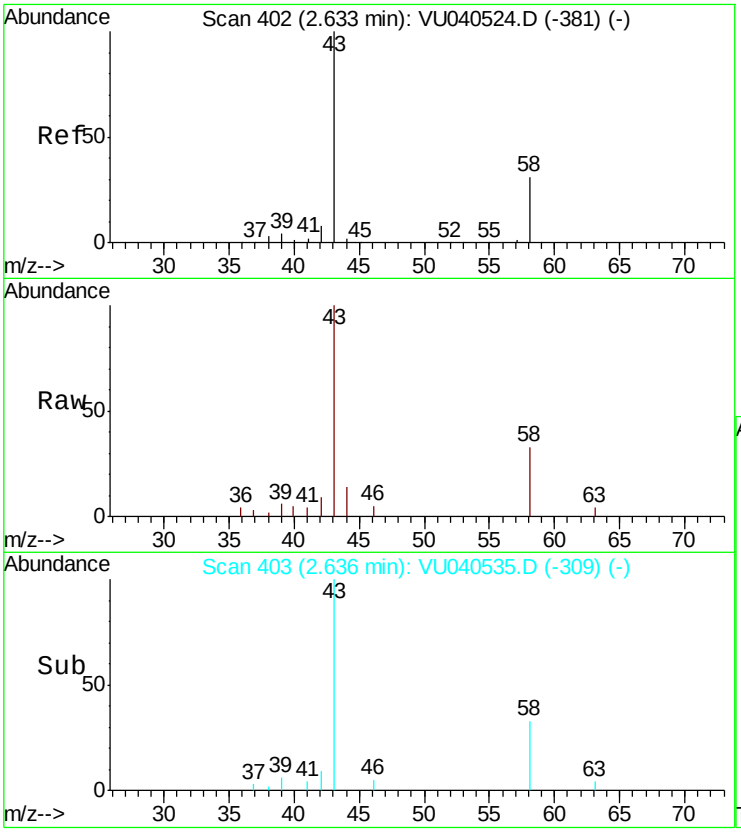


#12
1,1-Dichloroethene
Concen: 3.161 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 96 Resp: 6325

Ion	Ratio	Lower	Upper
96	100		
61	328.1	135.0	250.8#
63	1390.7	101.4	188.2#



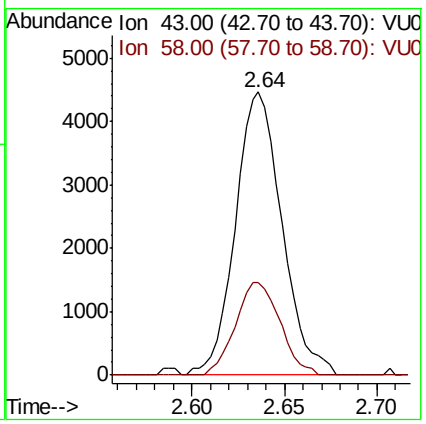


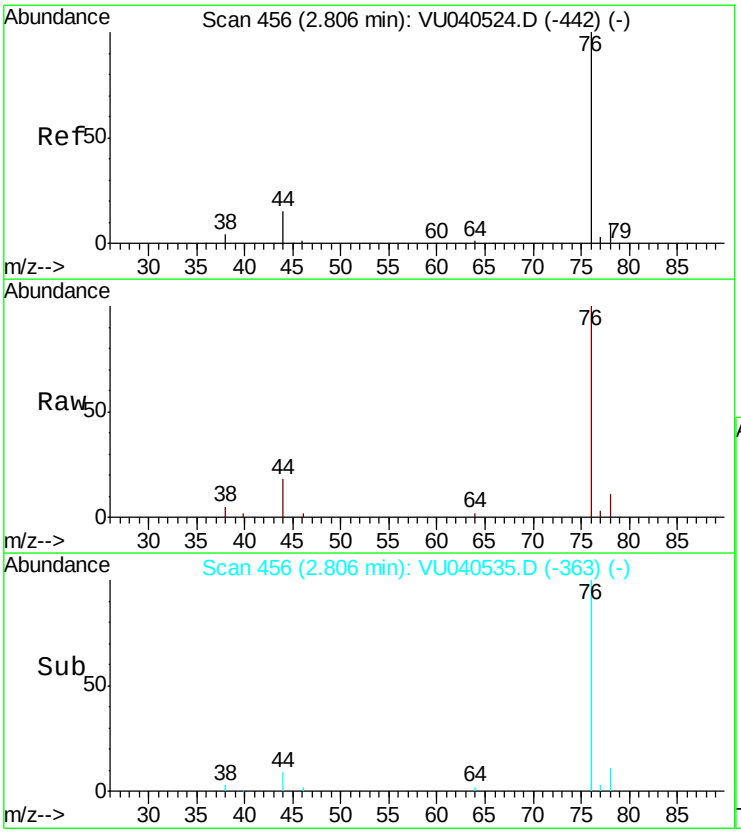
#13
Acetone
Concen: 4.226 ug/L
RT: 2.64 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 43 Resp: 7815

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	60.2

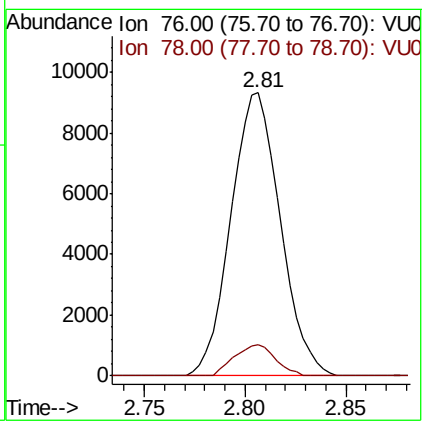


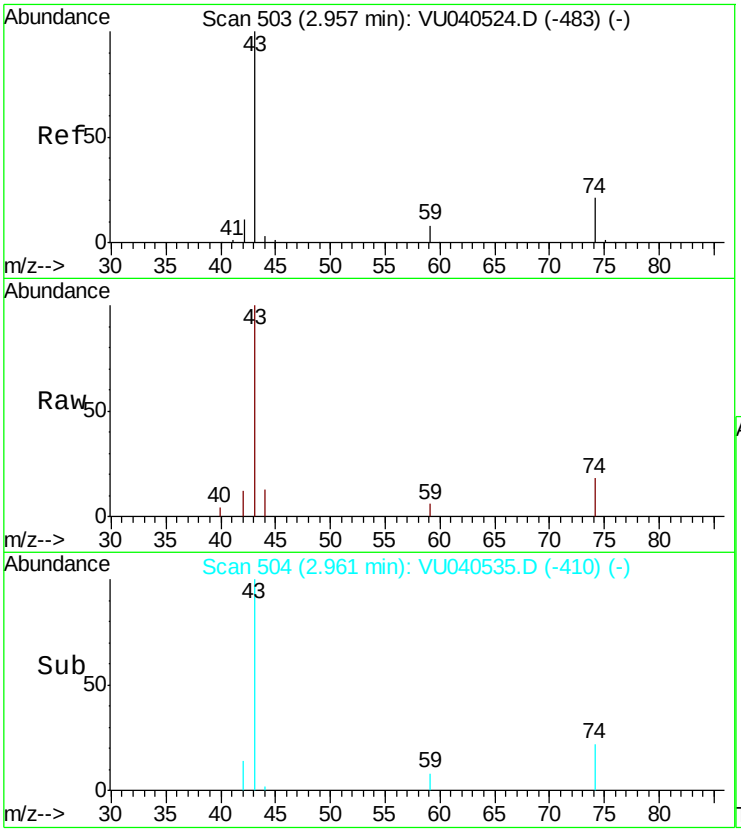


#14
Carbon disulfide
Concen: 2.327 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 76 Resp: 15985

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.4	11.0



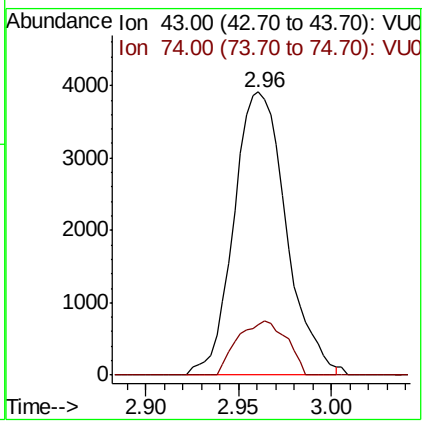


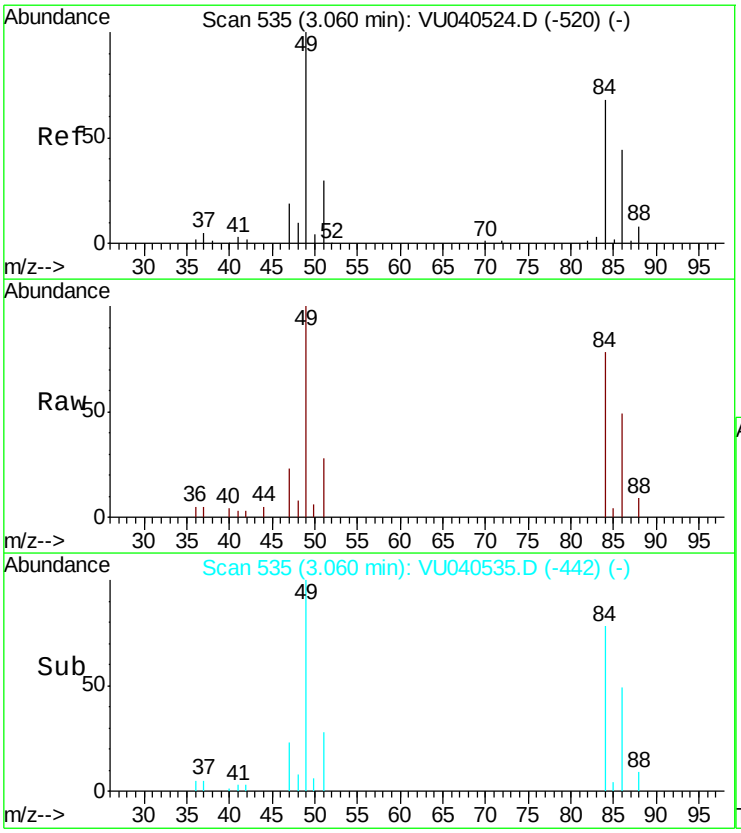
#15
Methyl Acetate
Concen: 2.547 ug/L
RT: 2.96 min Scan# 504
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 43 Resp: 7683

Ion	Ratio	Lower	Upper
43	100		
74	17.9	16.4	24.6

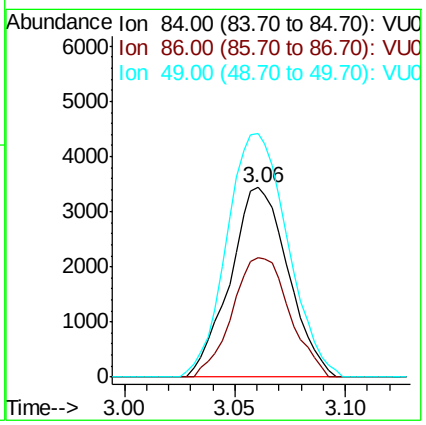


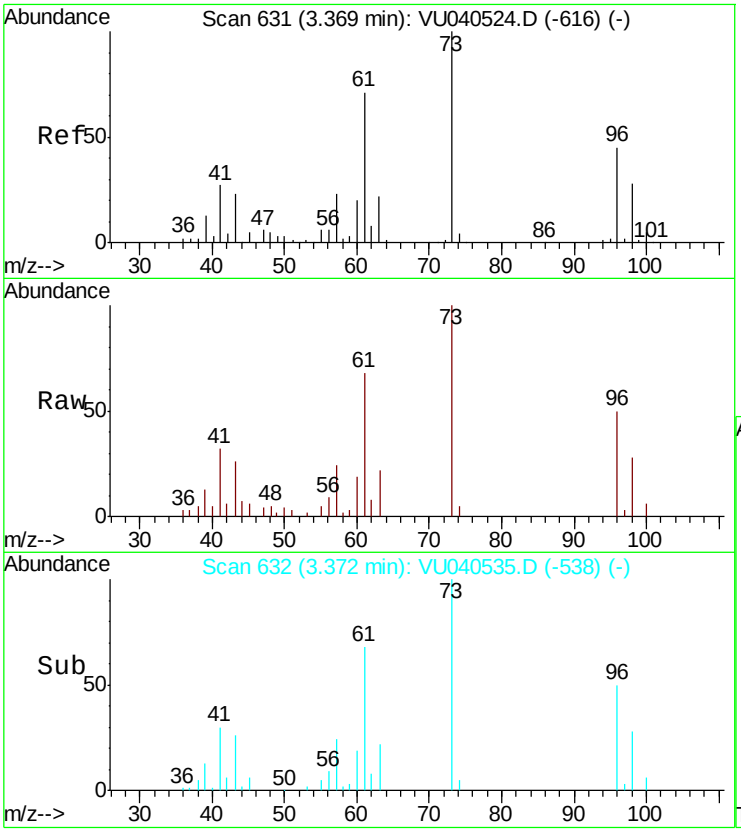


#16
Methylene chloride
Concen: 2.642 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 84 Resp: 6270

Ion	Ratio	Lower	Upper
84	100		
86	62.8	45.4	84.4
49	128.5	102.9	191.1



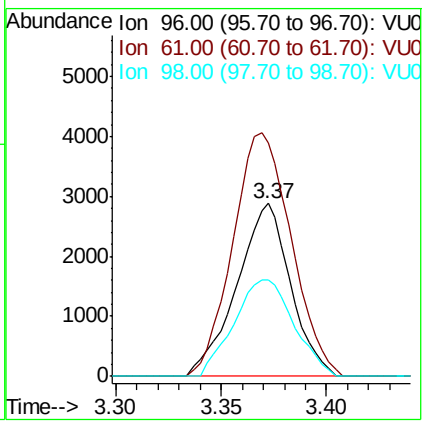


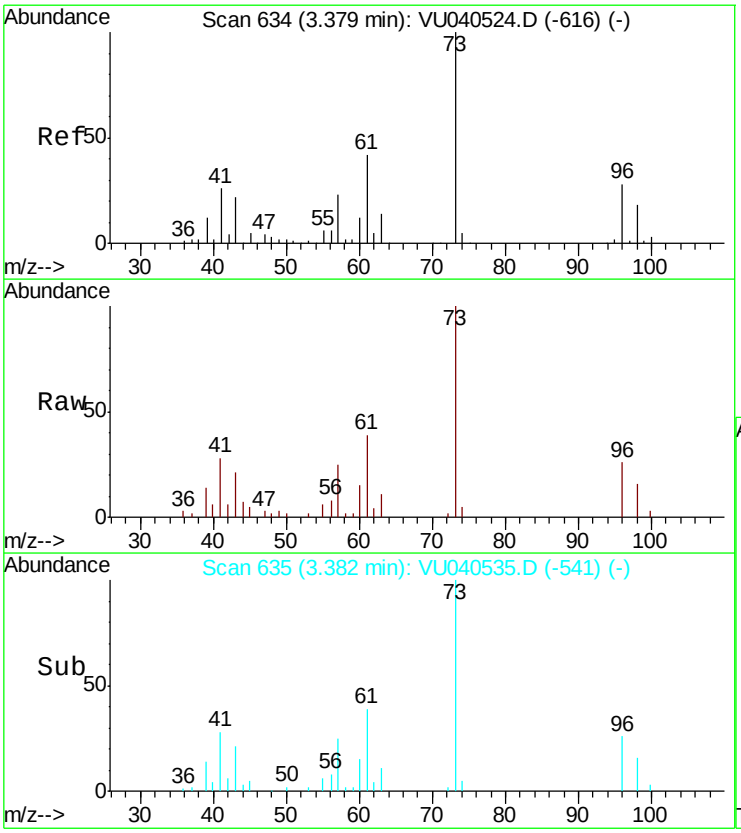
#17
trans-1,2-Dichloroethene
Concen: 2.398 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 96 Resp: 5111

Ion	Ratio	Lower	Upper
96	100		
61	134.8	109.6	203.6
98	56.0	43.3	80.3

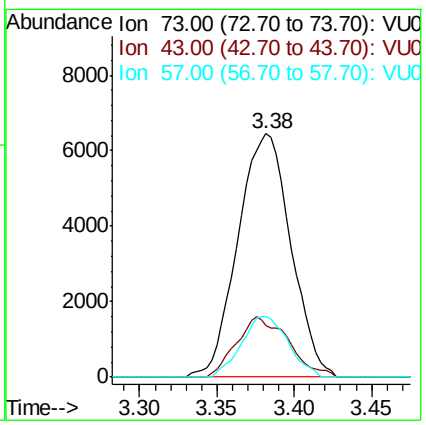


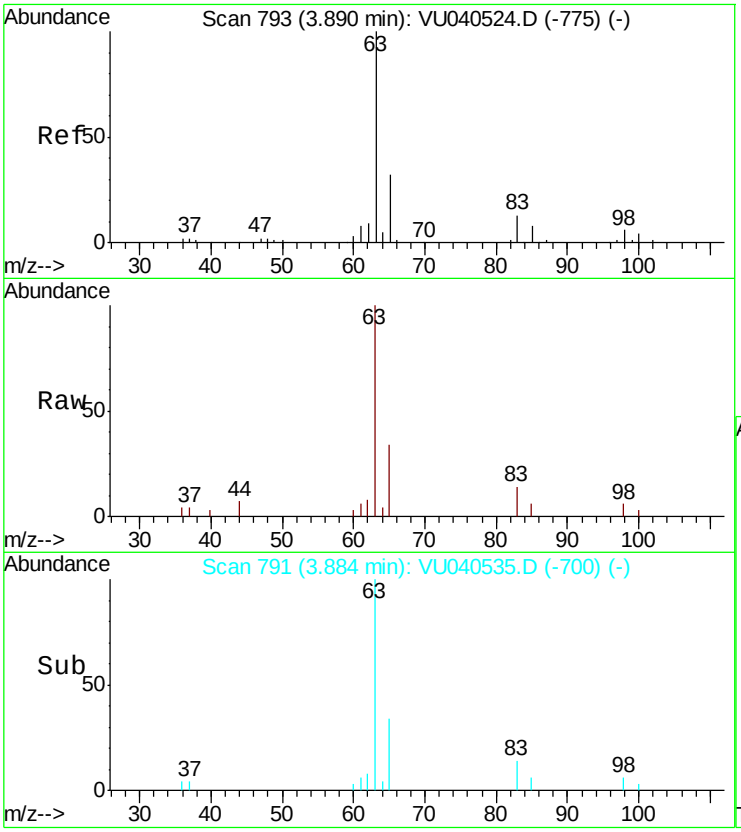


#18
Methyl tert-butyl Ether
Concen: 2.290 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 73 Resp: 15352

Ion	Ratio	Lower	Upper
73	100		
43	15.7	18.2	27.2#
57	22.0	18.5	27.7



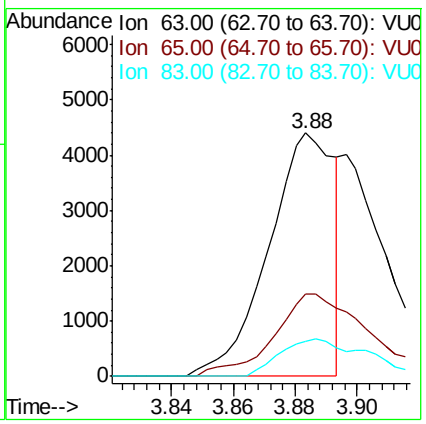


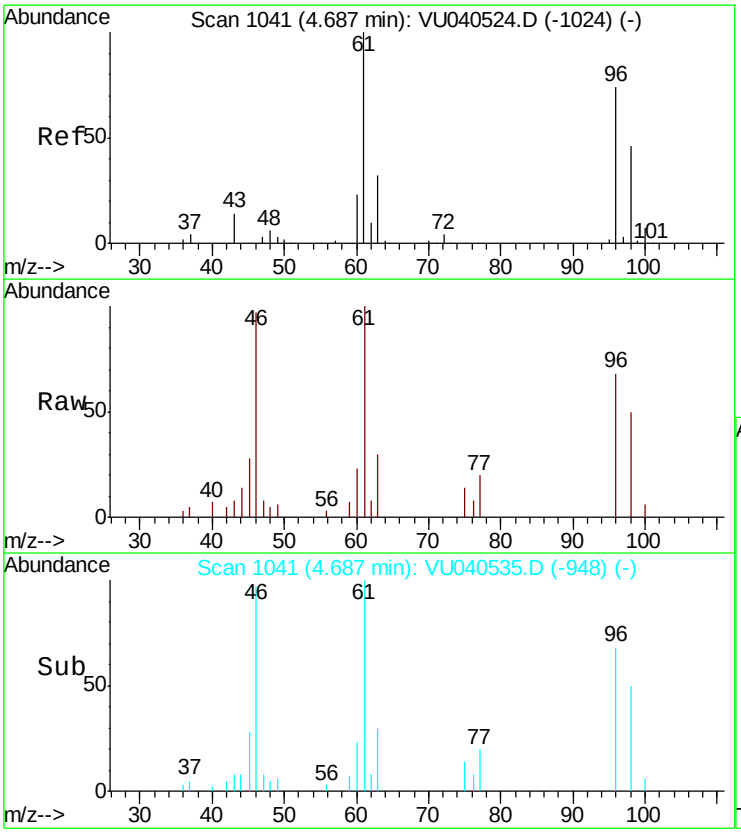
#19
1,1-Dichloroethane
Concen: 1.526 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.01 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 63 Resp: 6486

Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.6	42.0
83	14.3	9.1	16.9

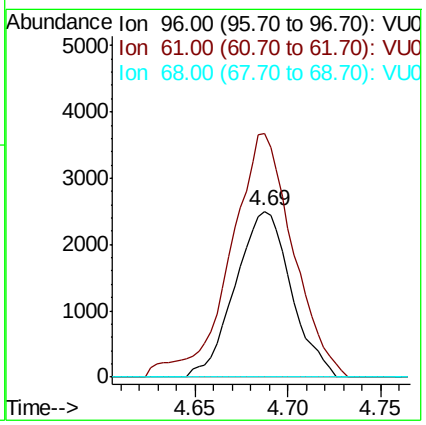


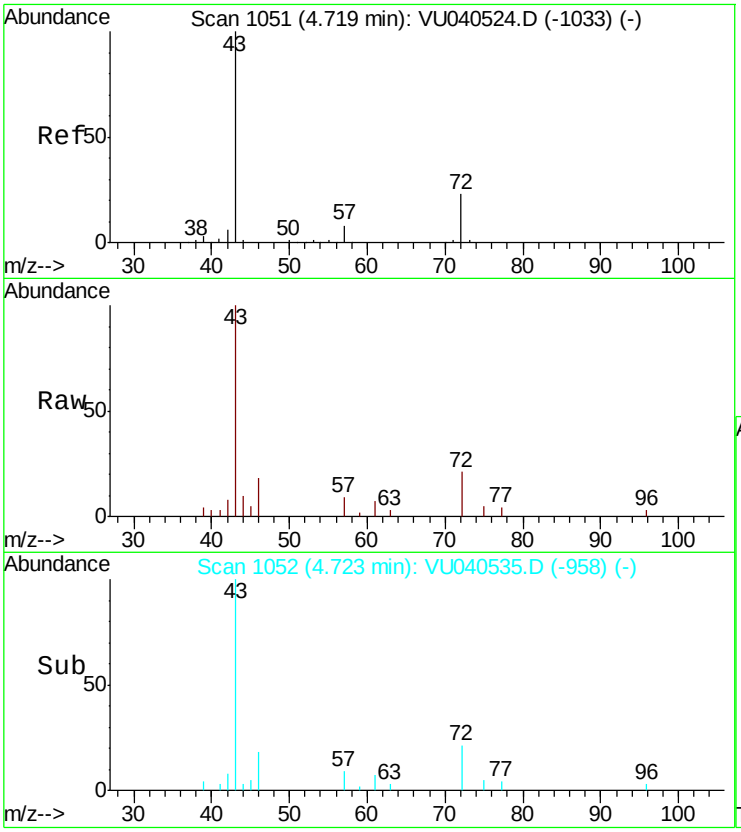


#20
cis-1,2-Dichloroethene
Concen: 2.285 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 96 Resp: 5248

Ion	Ratio	Lower	Upper
96	100		
61	147.0	95.7	177.7
68	0.0	0.0	0.0



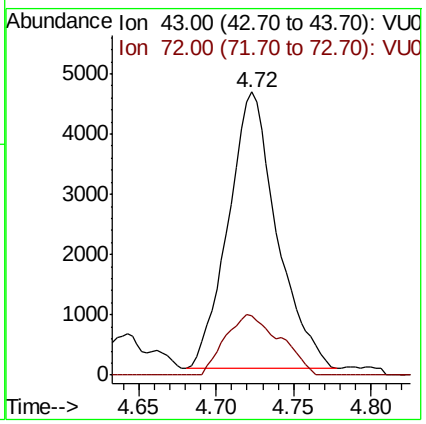


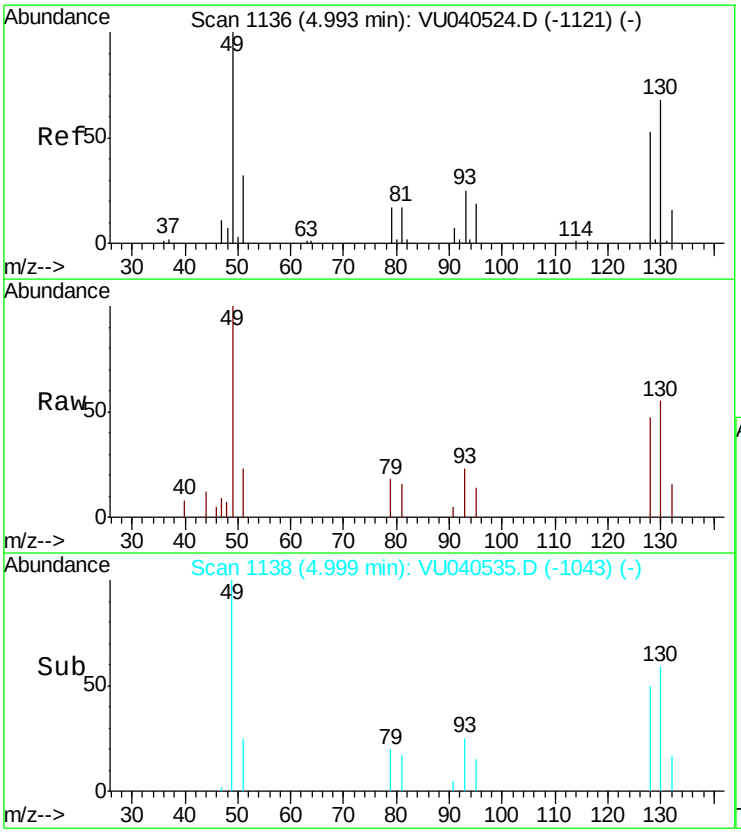
#22
2-Butanone
Concen: 4.264 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Tgt Ion: 43 Resp: 10058

Ion	Ratio	Lower	Upper
43	100		
72	19.7	11.9	35.9

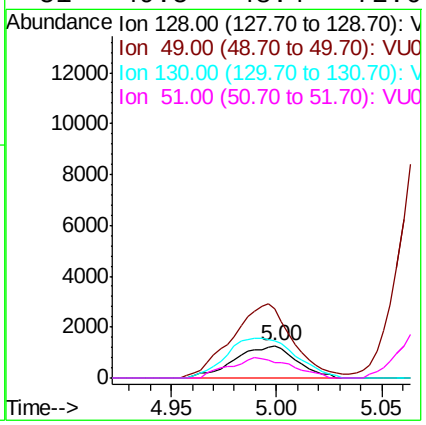


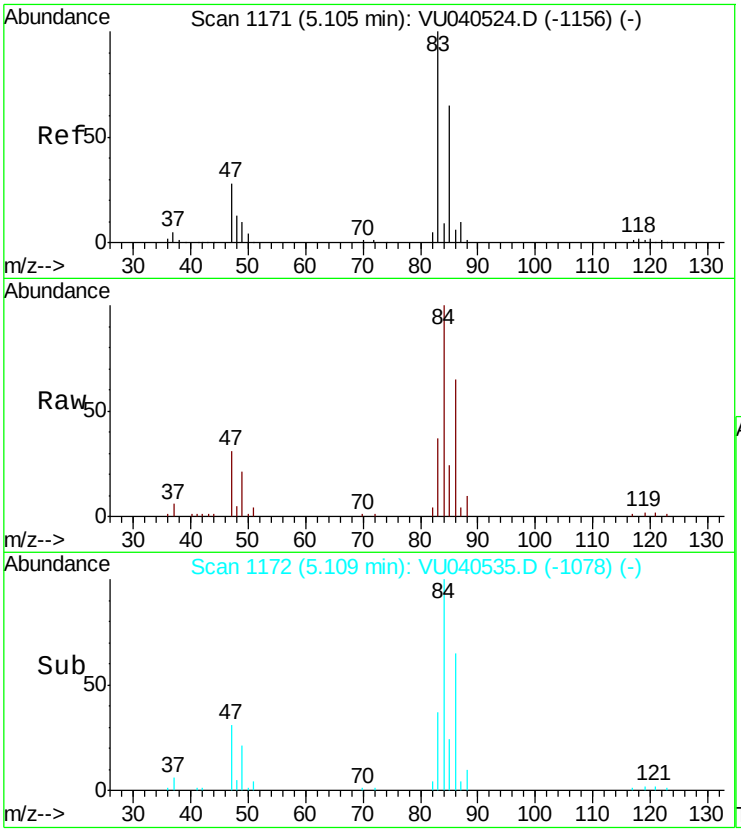


#23
Bromochloromethane
Concen: 2.155 ug/L
RT: 5.00 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:128 Resp: 2579

Ion	Ratio	Lower	Upper
128	100		
49	213.7	133.1	247.3
130	116.6	90.5	168.1
51	49.5	48.4	72.6



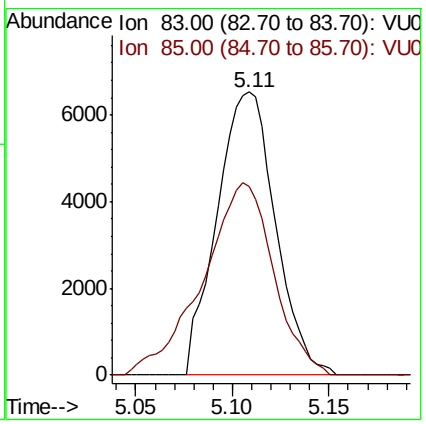


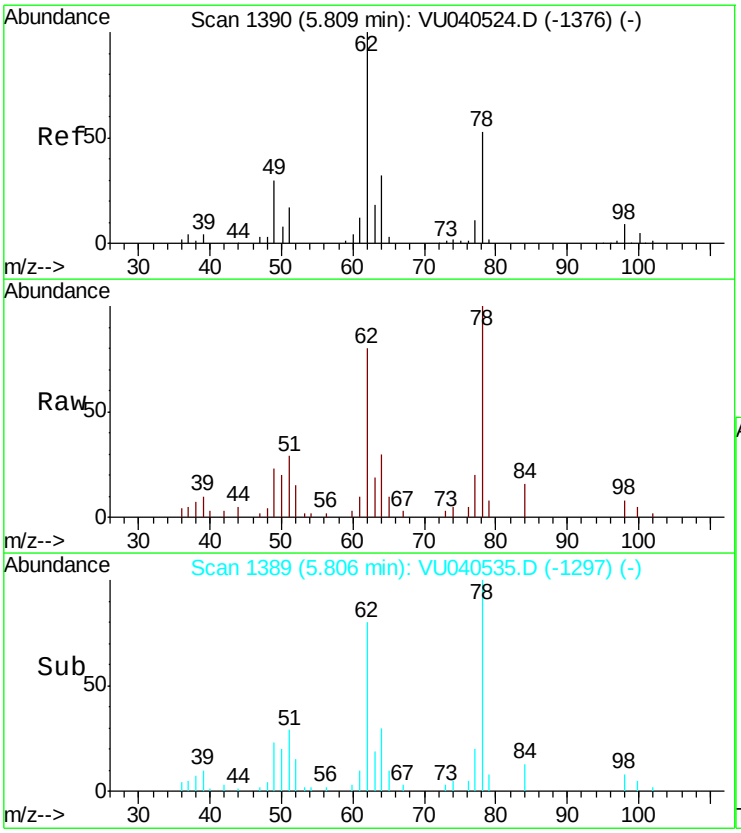
#25
Chloroform
Concen: 3.165 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 83 Resp: 13718

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.6	84.8

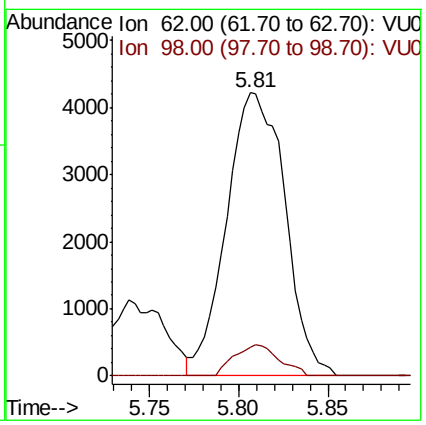


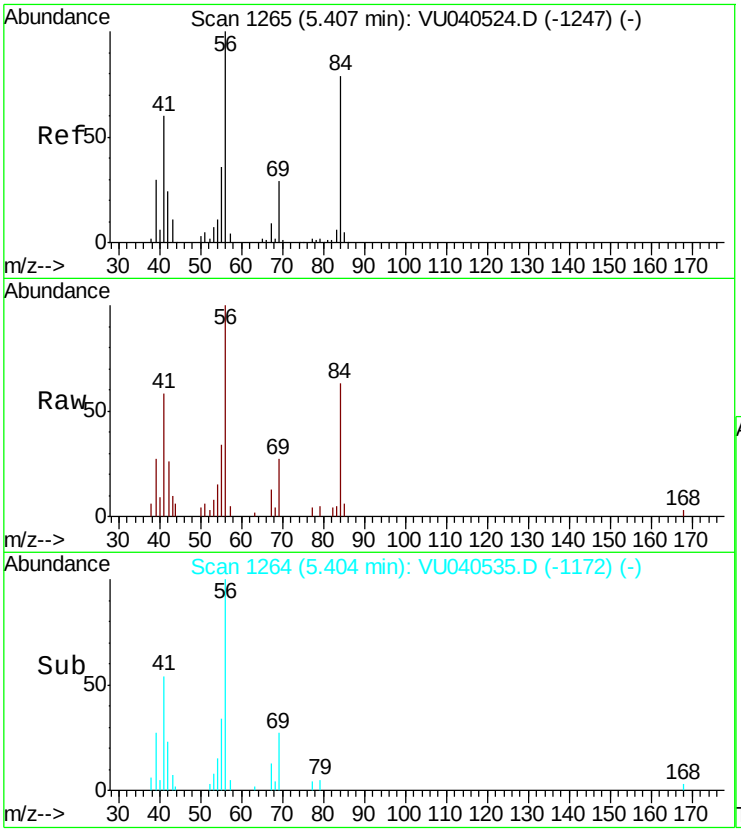


#27
1,2-Dichloroethane
Concen: 2.694 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 62 Resp: 9635

Ion	Ratio	Lower	Upper
62	100		
98	10.0	7.1	10.7



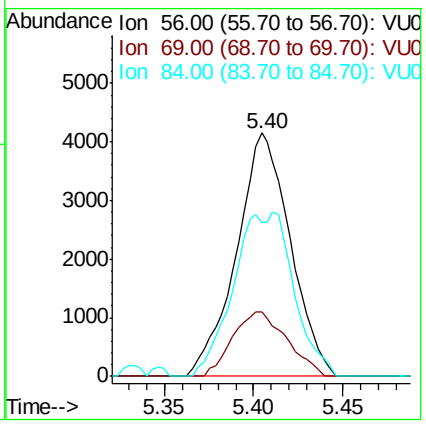


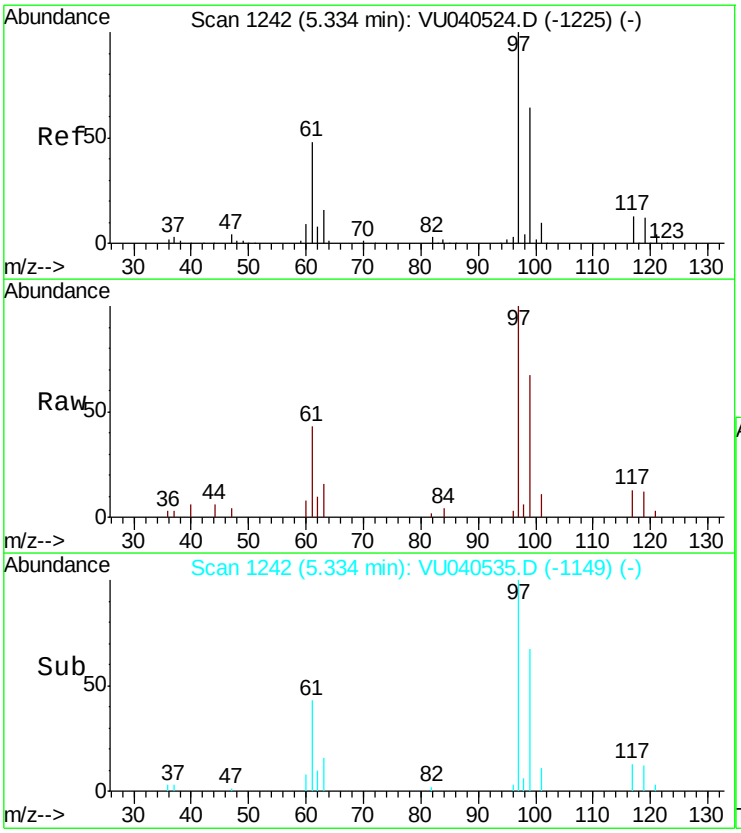
#29
Cyclohexane
Concen: 2.302 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Tgt Ion: 56 Resp: 8744

Ion	Ratio	Lower	Upper
56	100		
69	26.8	22.6	34.0
84	44.1	63.1	94.7#

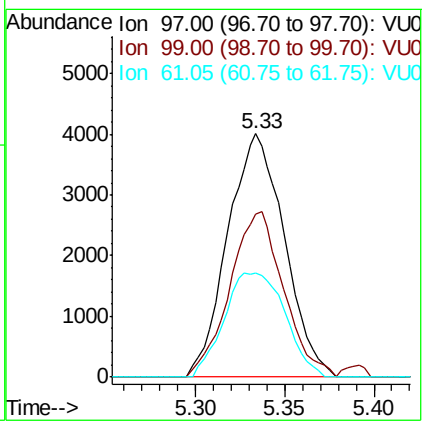


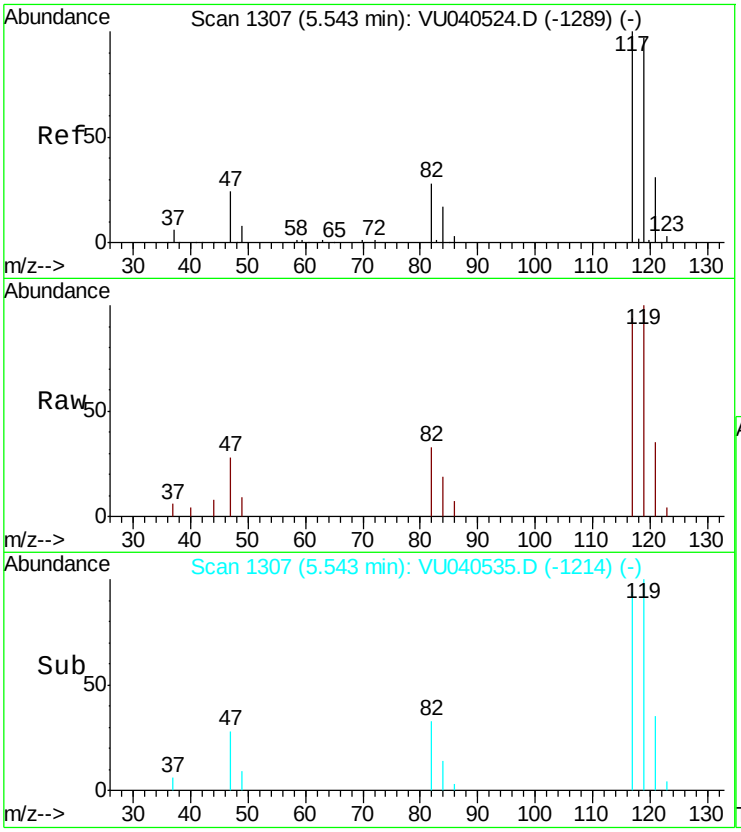


#30
1,1,1-Trichloroethane
Concen: 2.437 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 97 Resp: 8880

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	46.0	39.4	59.2



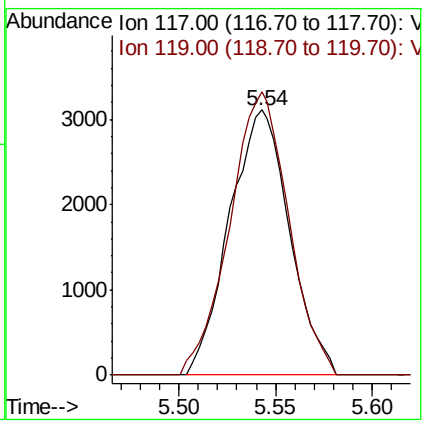


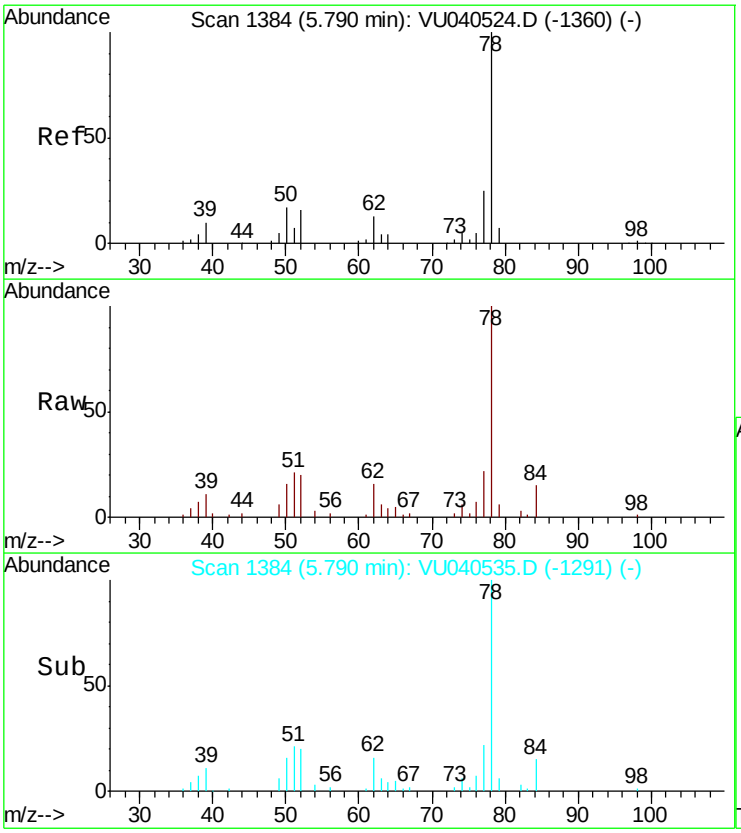
#31
Carbon tetrachloride
Concen: 2.137 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:117 Resp: 6733

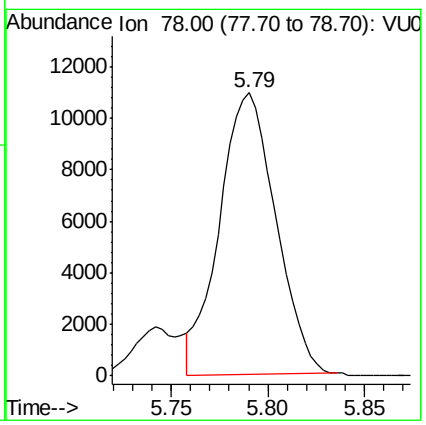
Ion	Ratio	Lower	Upper
117	100		
119	104.5	75.8	113.6

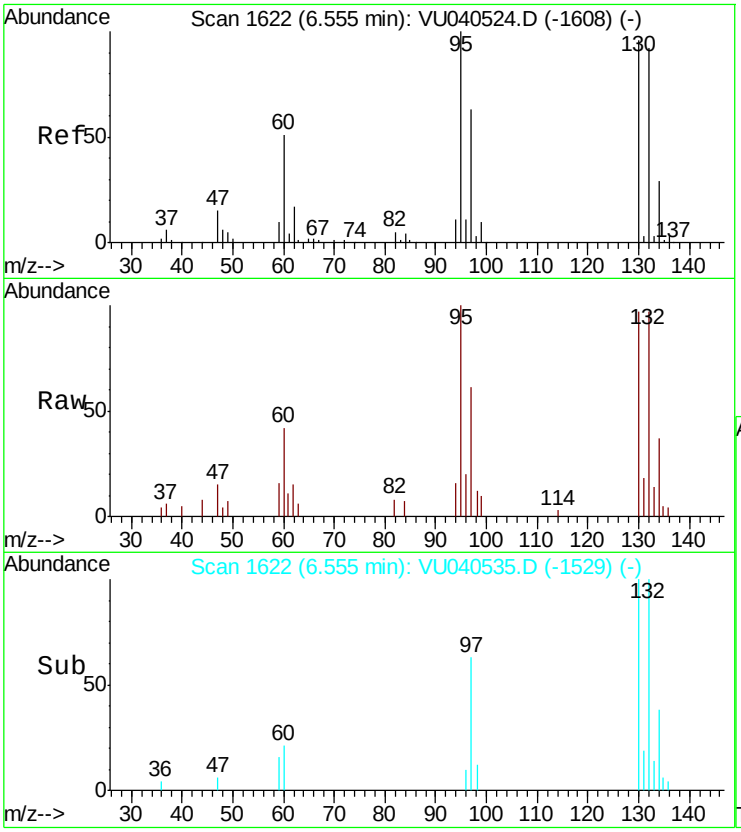




#33
Benzene
Concen: 2.408 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 78 Resp: 22085



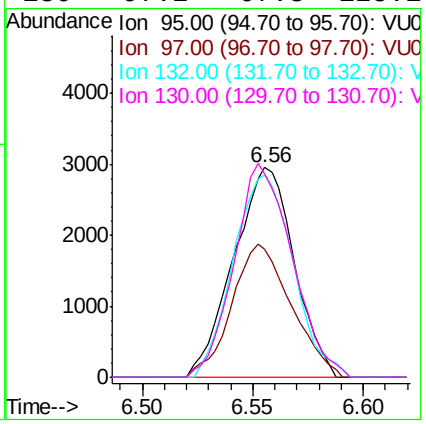


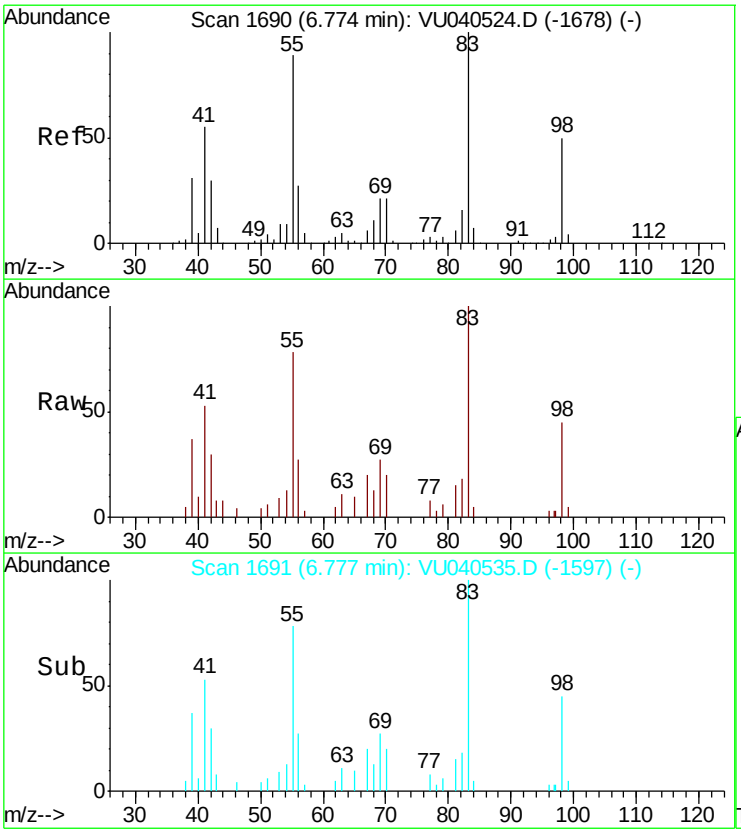
#34
Trichloroethene
Concen: 2.379 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 95 Resp: 5620

Ion	Ratio	Lower	Upper
95	100		
97	61.2	44.3	82.3
132	96.7	64.2	119.2
130	97.2	67.3	125.1

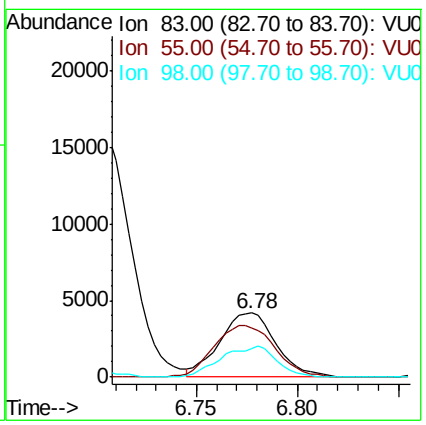


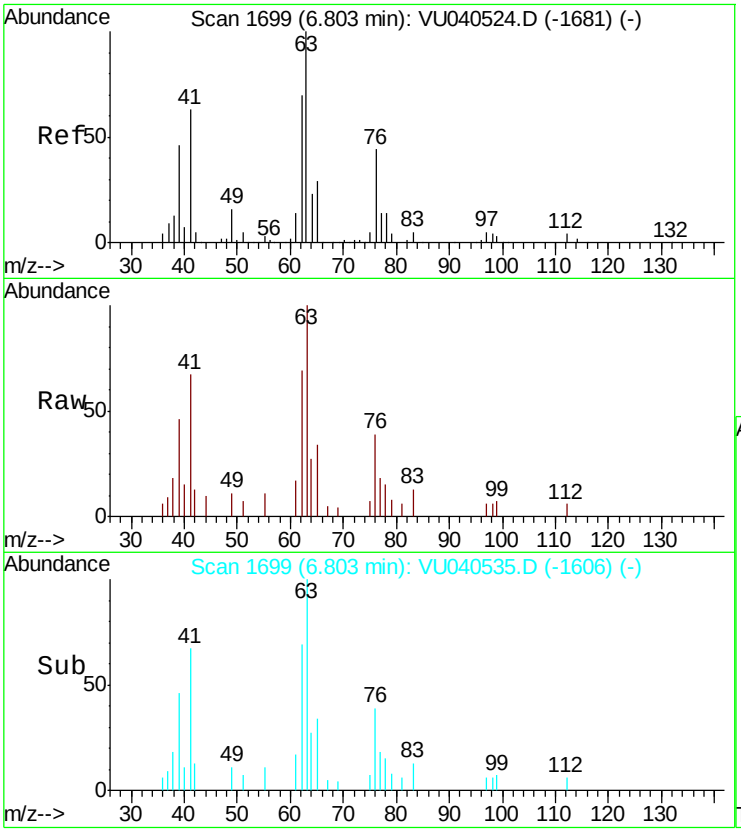


#35
Methylcyclohexane
Concen: 2.273 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 83 Resp: 8165

Ion	Ratio	Lower	Upper
83	100		
55	87.4	69.8	104.8
98	23.7	39.1	58.7#



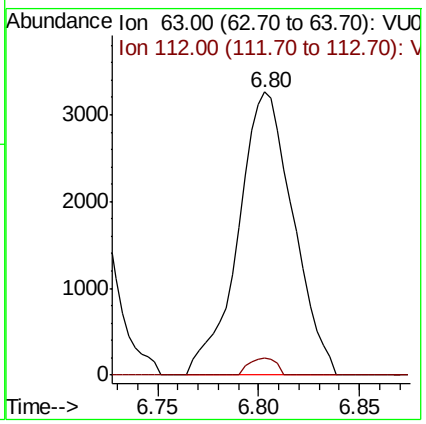


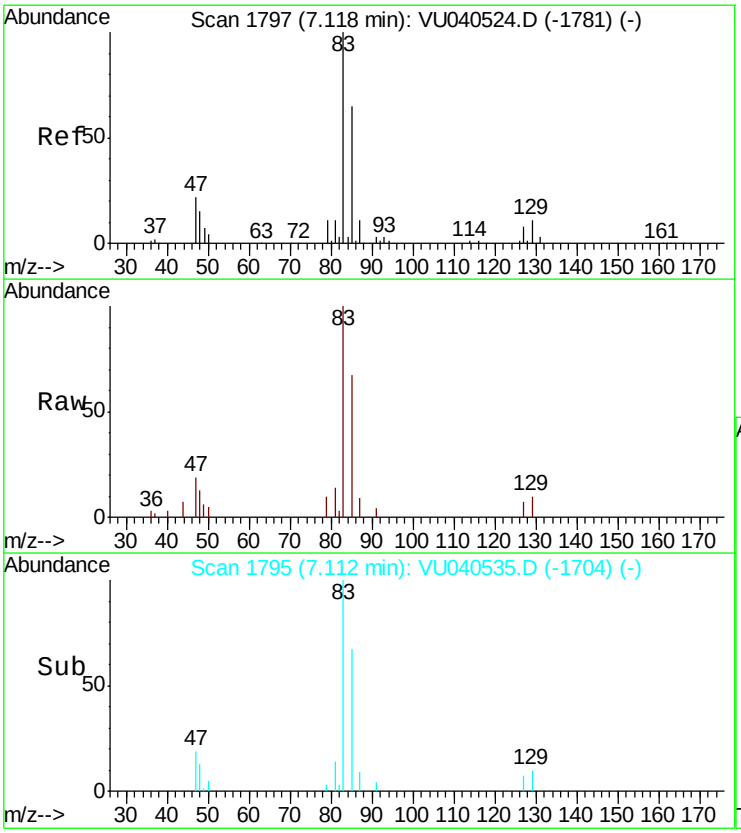
#37
1,2-Dichloropropane
Concen: 2.462 ug/L
RT: 6.80 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 63 Resp: 6201

Ion	Ratio	Lower	Upper
63	100		
112	3.1	3.5	5.3#

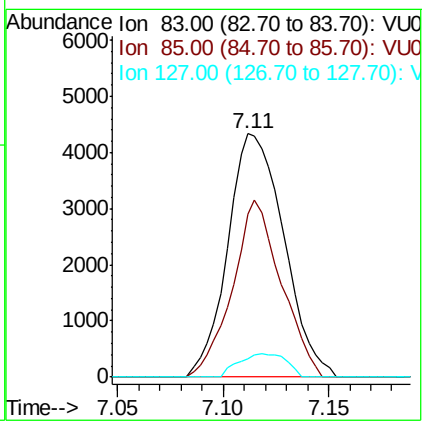


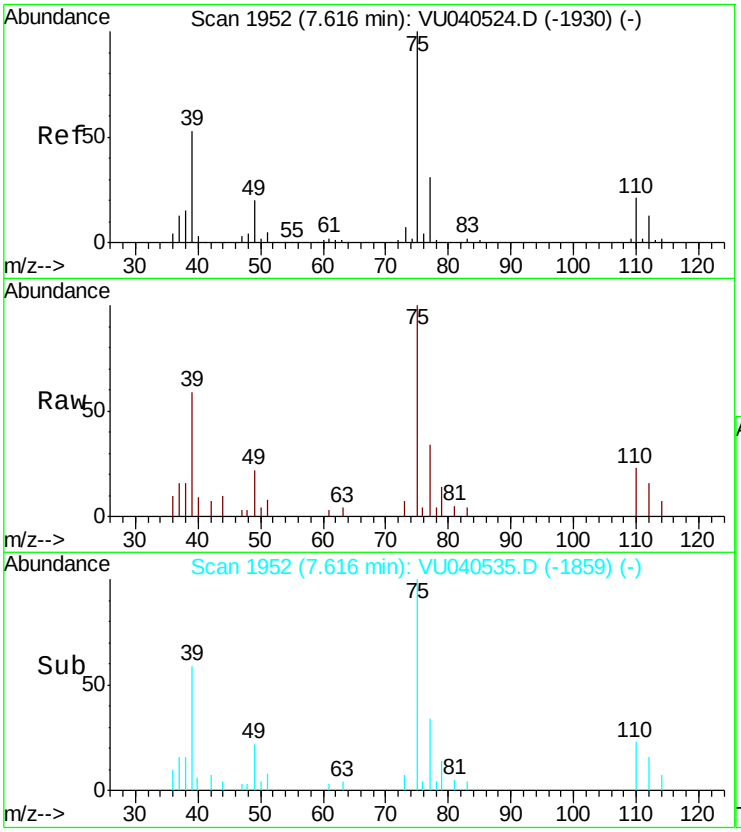


#38
Bromodichloromethane
Concen: 2.445 ug/L
RT: 7.11 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 83 Resp: 7999

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.2	84.0
127	7.4	6.7	10.1



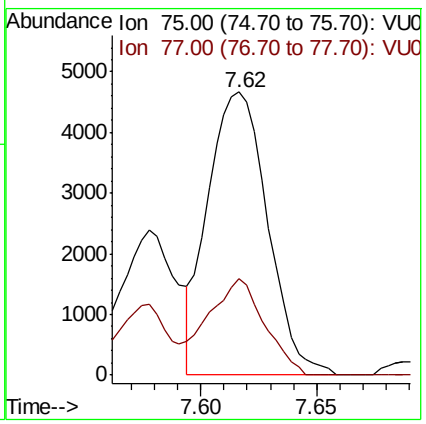


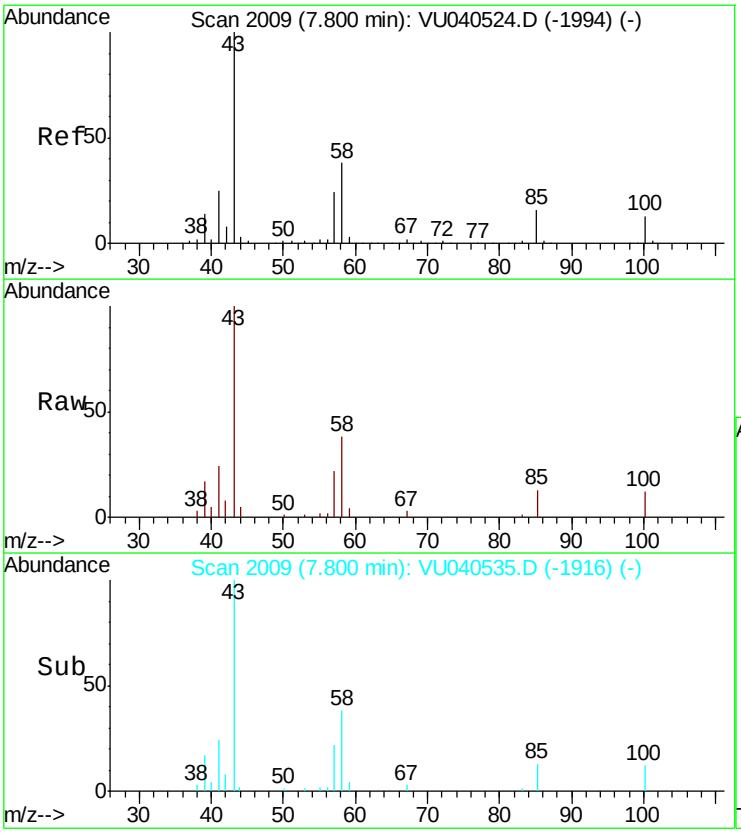
#39
cis-1,3-Dichloropropene
Concen: 2.261 ug/L
RT: 7.62 min Scan# 1952
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 75 Resp: 8345

Ion	Ratio	Lower	Upper
75	100		
77	34.2	21.4	39.8

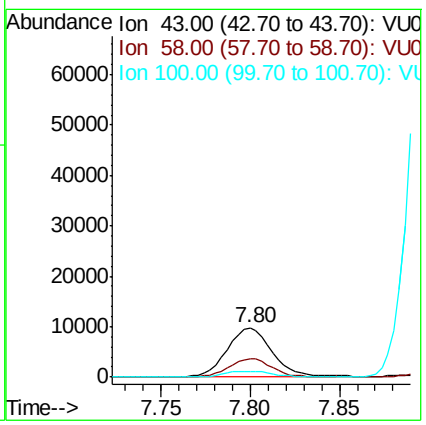


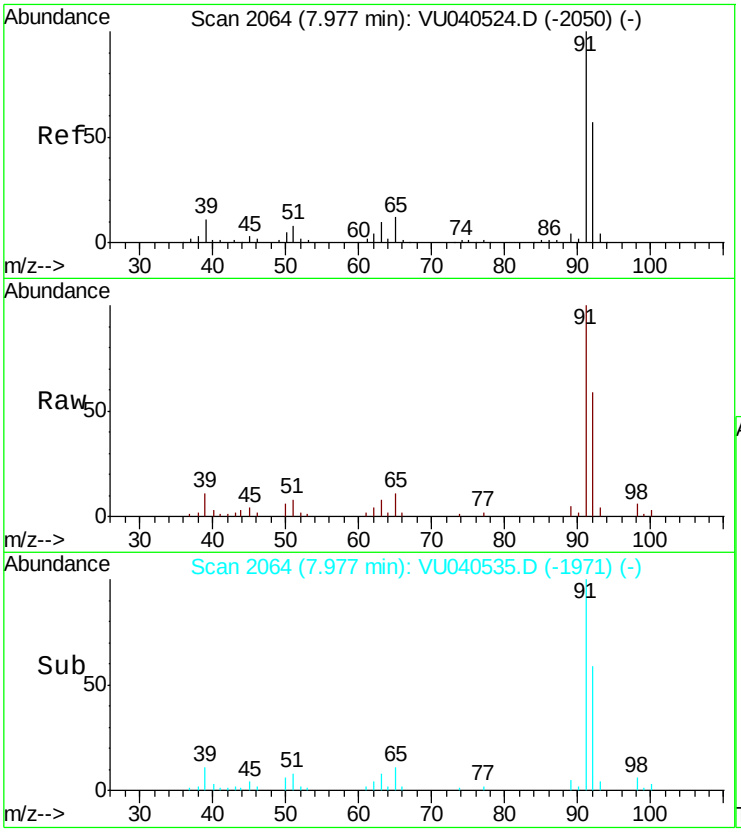


#40
4-Methyl-2-pentanone
Concen: 4.343 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 43 Resp: 17260

Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.7	44.5
100	12.5	10.5	15.7



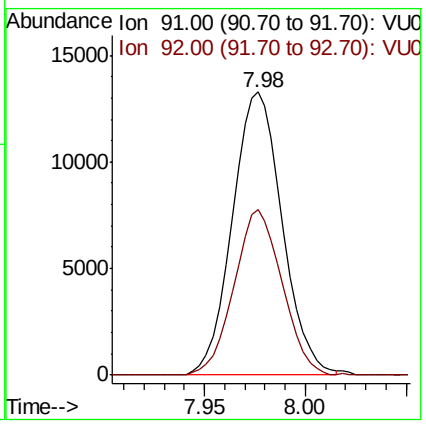


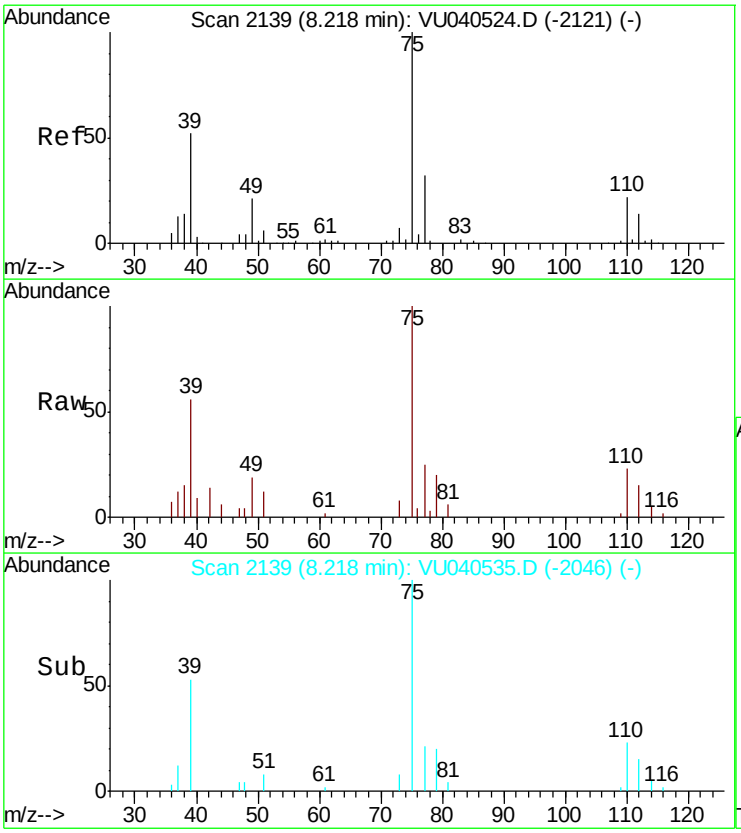
#42
Toluene
Concen: 2.447 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 91 Resp: 22913

Ion	Ratio	Lower	Upper
91	100		
92	58.7	39.9	74.1

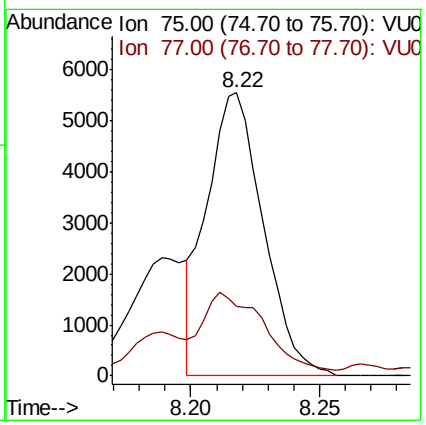


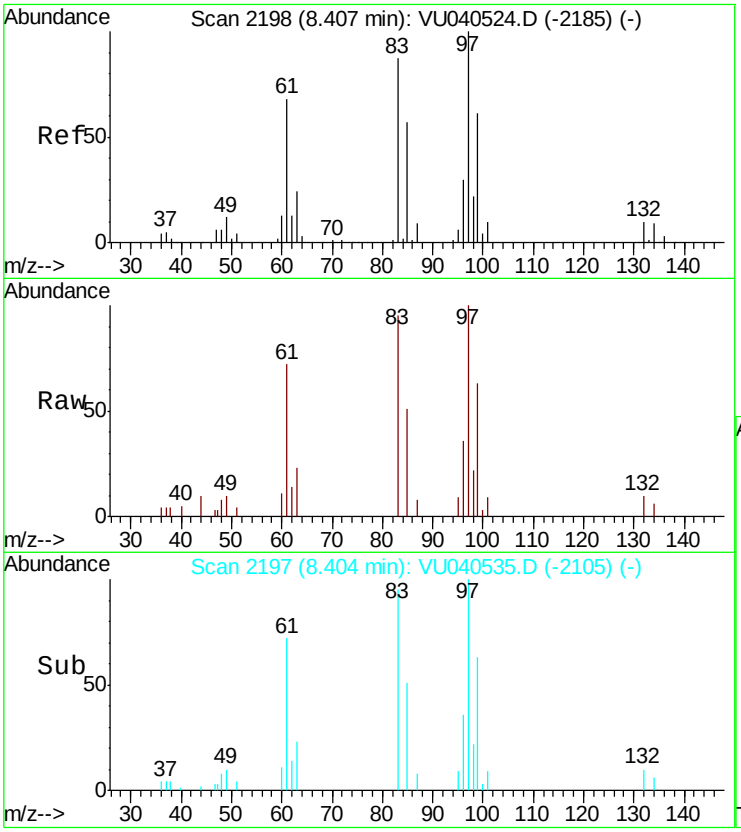


#44
trans-1,3-Dichloropropene
Concen: 2.269 ug/L
RT: 8.22 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 75 Resp: 8432

Ion	Ratio	Lower	Upper
75	100		
77	24.6	22.1	41.1



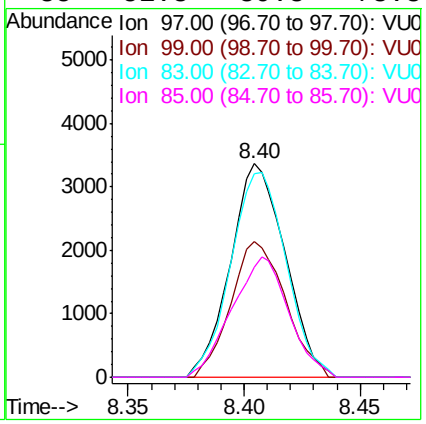


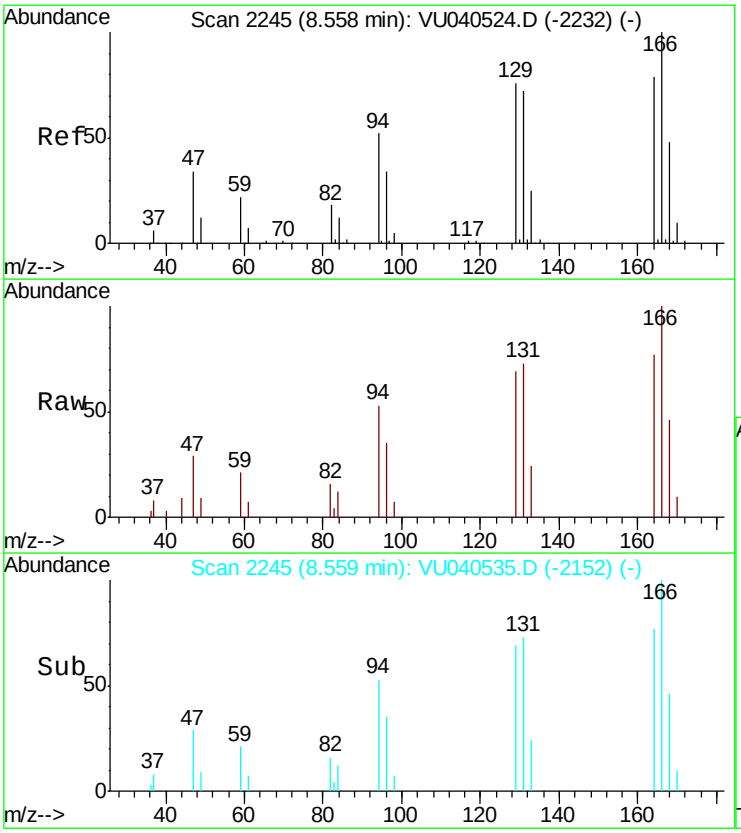
#45
1,1,2-Trichloroethane
Concen: 2.446 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 97 Resp: 5519

Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.7	79.3
83	95.4	61.0	113.4
85	51.3	39.8	73.8

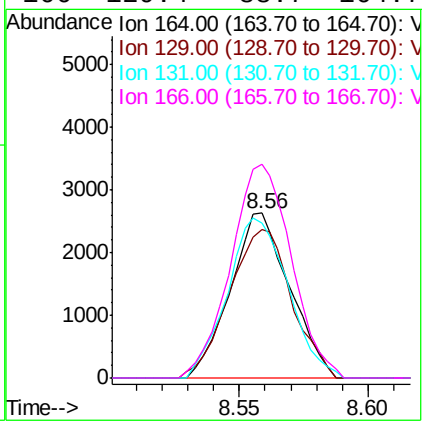


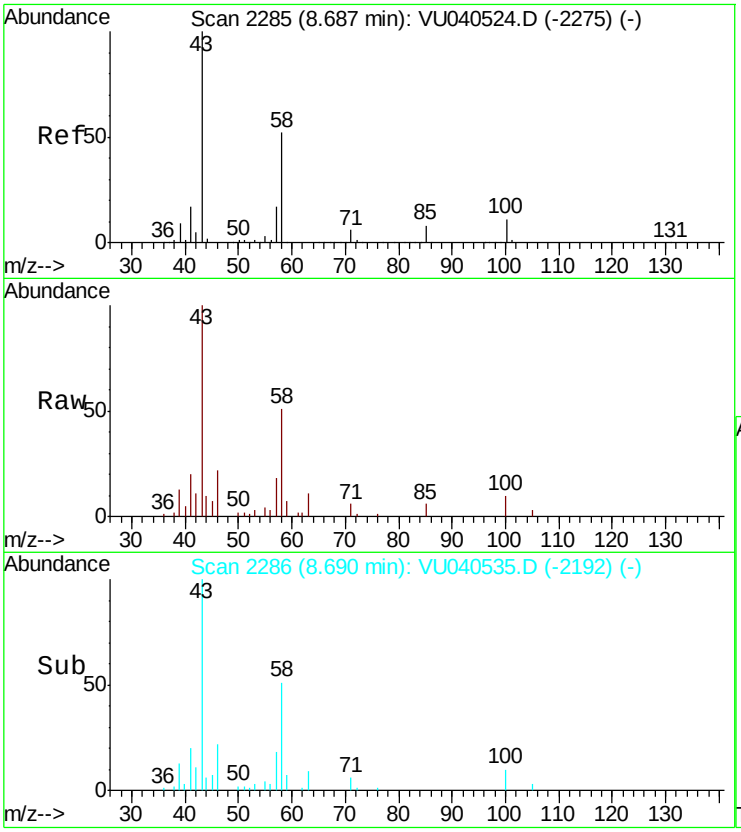


#46
Tetrachloroethene
Concen: 2.464 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:164 Resp: 4206

Ion	Ratio	Lower	Upper
164	100		
129	89.8	67.4	125.2
131	94.2	63.8	118.6
166	129.4	88.7	164.7



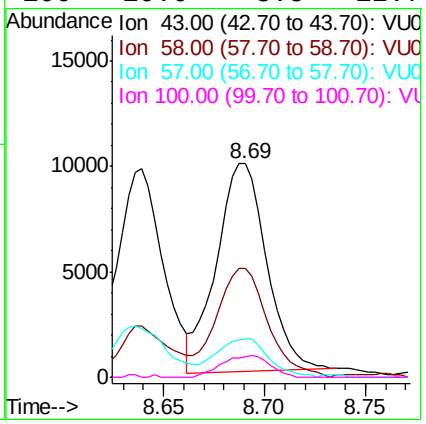


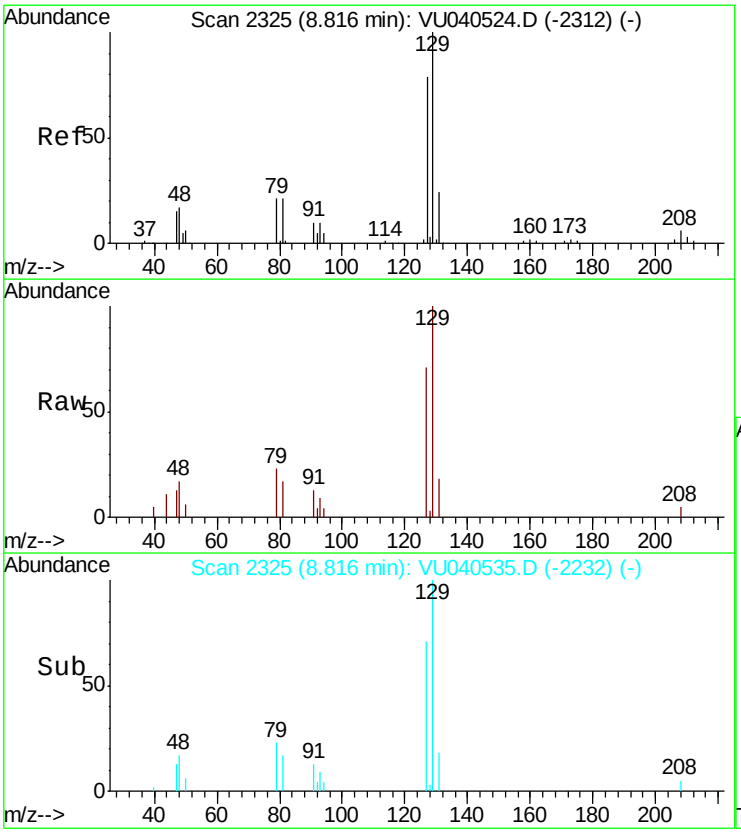
#48
2-Hexanone
Concen: 5.335 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03

Tgt Ion: 43 Resp: 17231

Ion	Ratio	Lower	Upper
43	100		
58	52.5	40.6	60.8
57	19.7	14.3	21.5
100	10.0	8.5	12.7

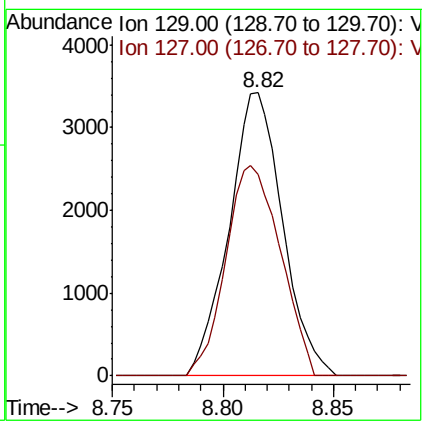


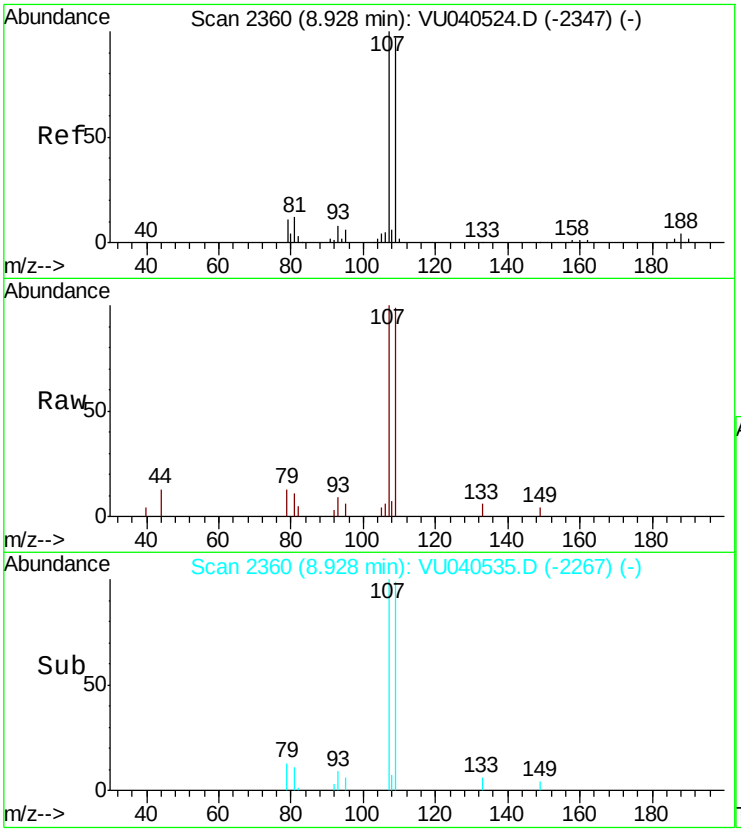


#49
Dibromochloromethane
Concen: 2.350 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:129 Resp: 5789

Ion	Ratio	Lower	Upper
129	100		
127	71.1	54.9	102.1



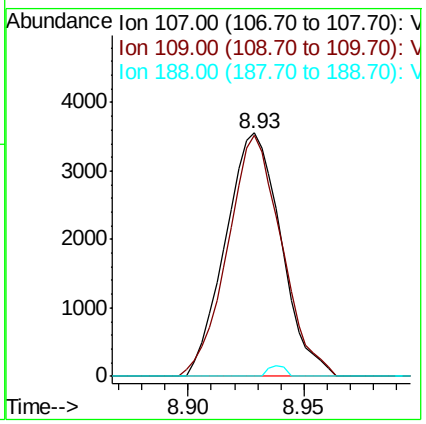


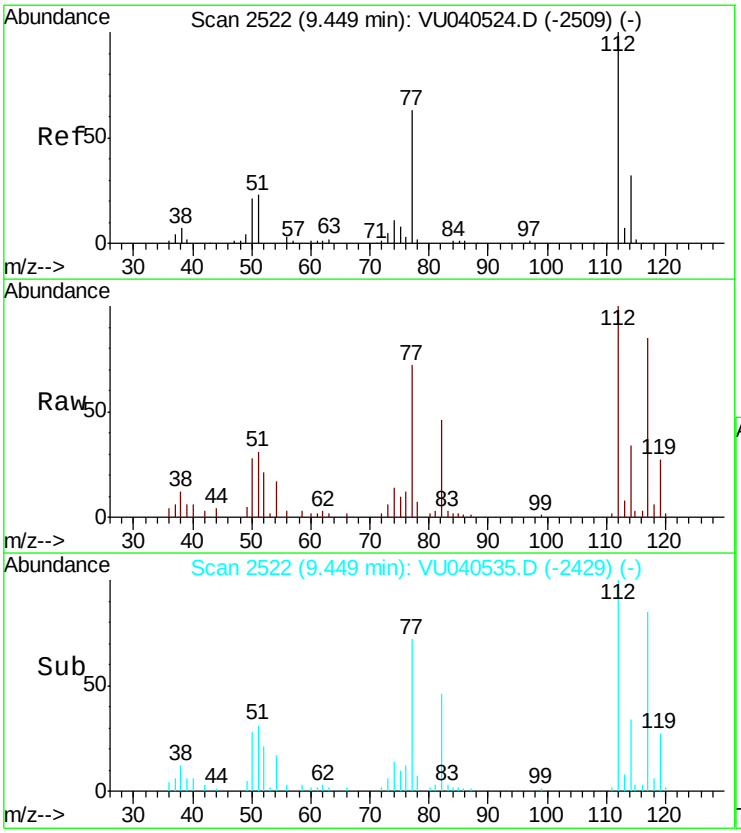
#50
1,2-Dibromoethane
Concen: 2.477 ug/L
RT: 8.93 min Scan# 2360
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:107 Resp: 5923

Ion	Ratio	Lower	Upper
107	100		
109	99.0	67.8	125.8
188	0.0	2.8	4.2#

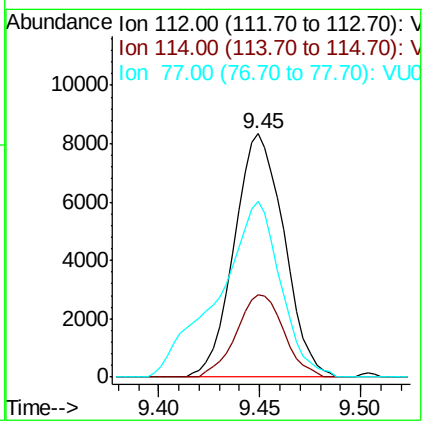


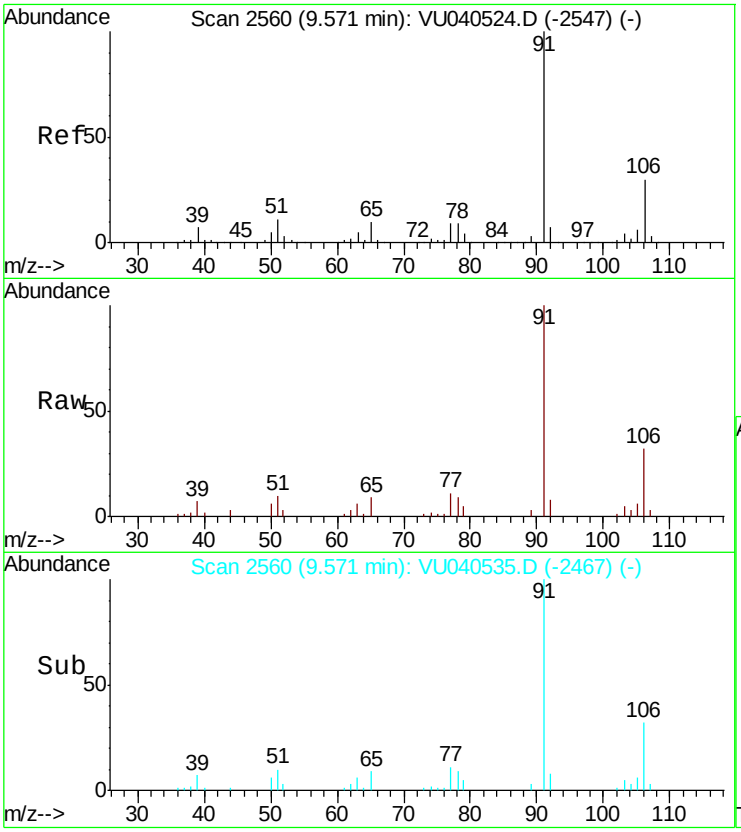


#51
Chlorobenzene
Concen: 2.346 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:112 Resp: 14408

Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.1	41.1
77	72.1	50.4	75.6



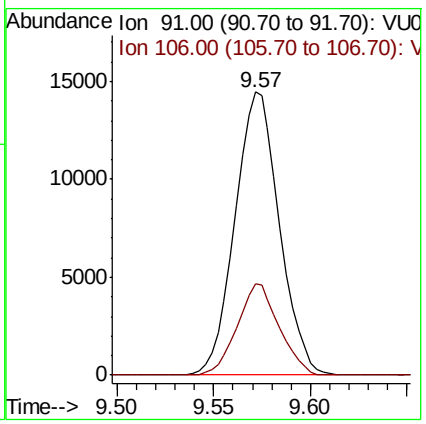


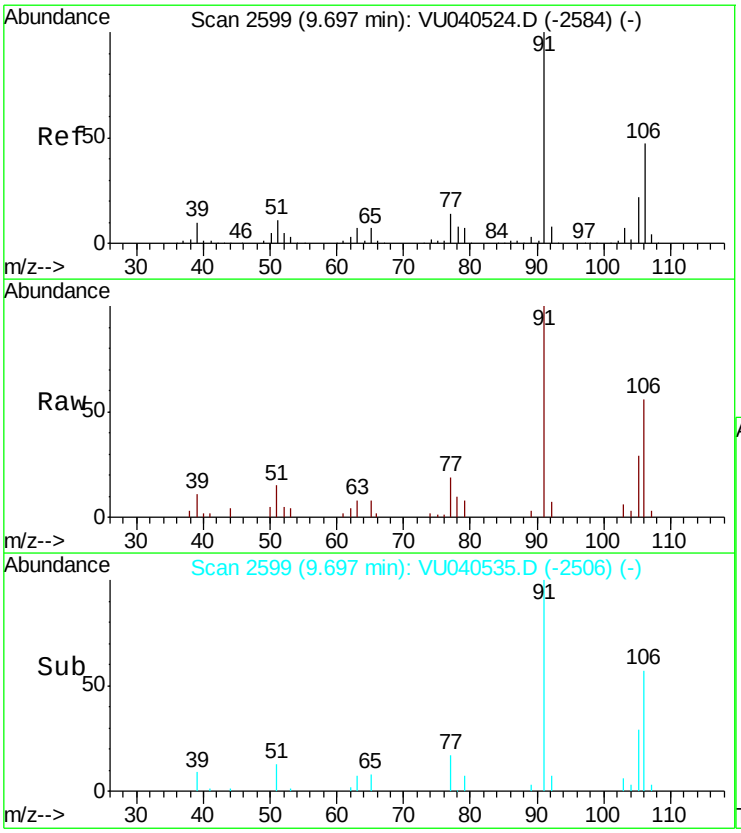
#52
Ethylbenzene
Concen: 2.219 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 91 Resp: 23059

Ion	Ratio	Lower	Upper
91	100		
106	32.1	20.9	38.9

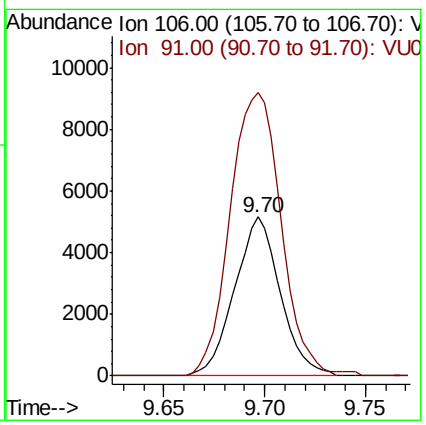


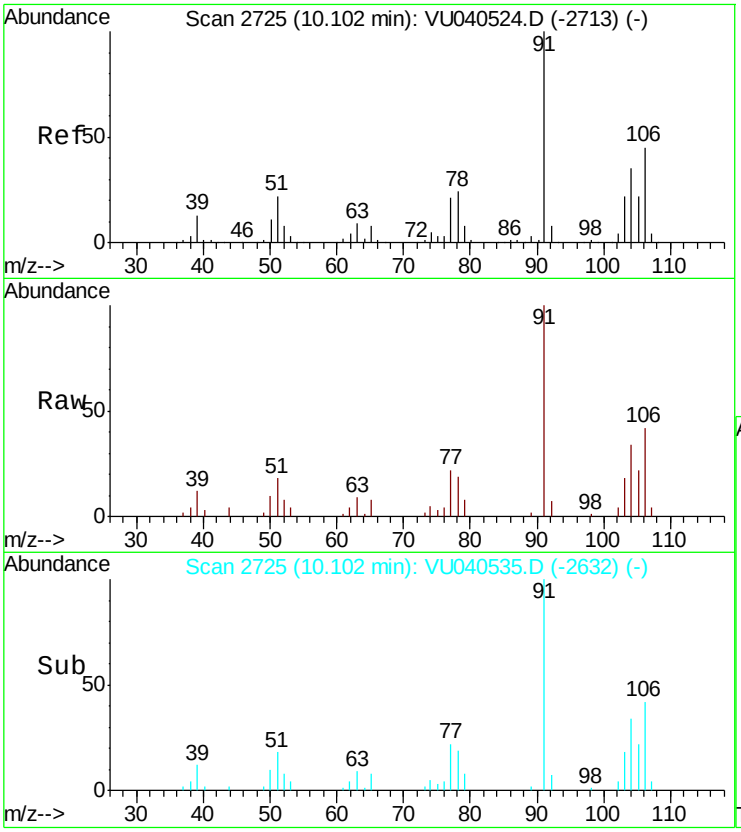


#53
m,p-Xylene
Concen: 2.137 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:106 Resp: 8177

Ion	Ratio	Lower	Upper
106	100		
91	178.2	150.1	278.7



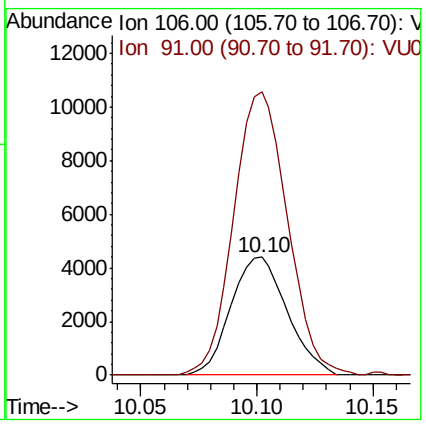


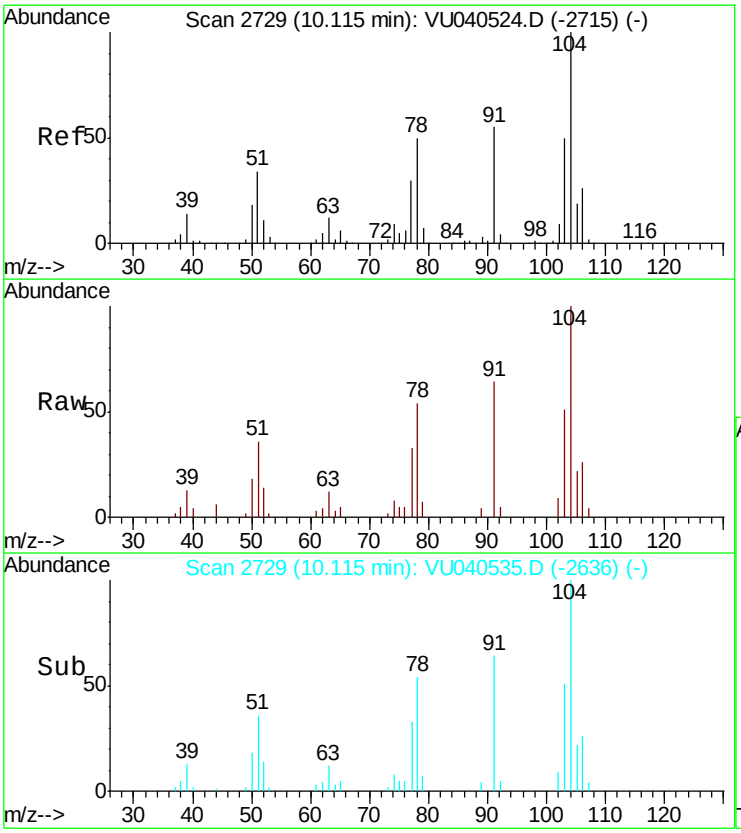
#54
o-xylene
Concen: 2.041 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:106 Resp: 7433

Ion	Ratio	Lower	Upper
106	100		
91	240.2	155.6	289.0

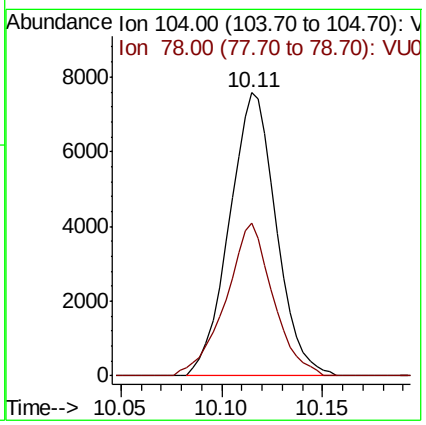


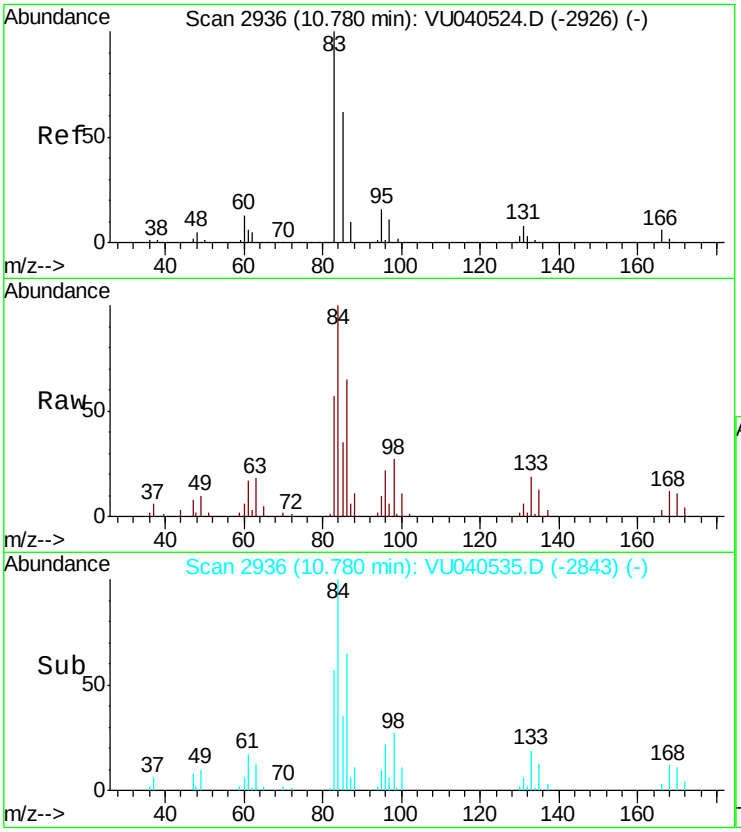


#55
Styrene
Concen: 1.923 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:104 Resp: 12332

Ion	Ratio	Lower	Upper
104	100		
78	54.1	35.2	65.4



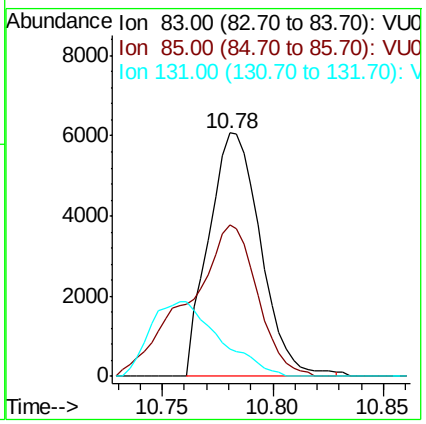


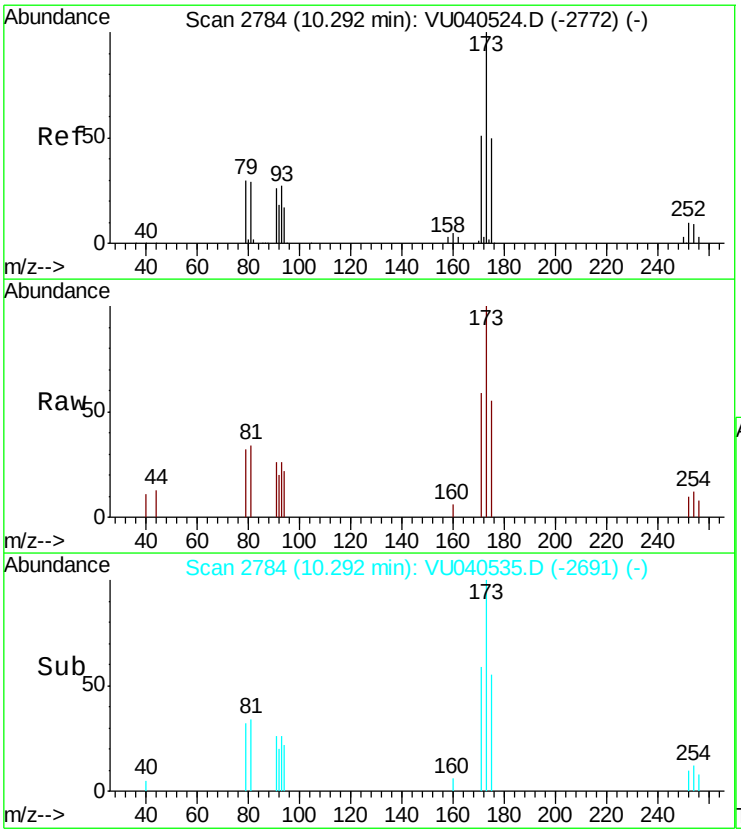
#57
1,1,2,2-Tetrachloroethane
Concen: 2.485 ug/L
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 83 Resp: 9913

Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.2	82.2
131	11.4	7.1	10.7#

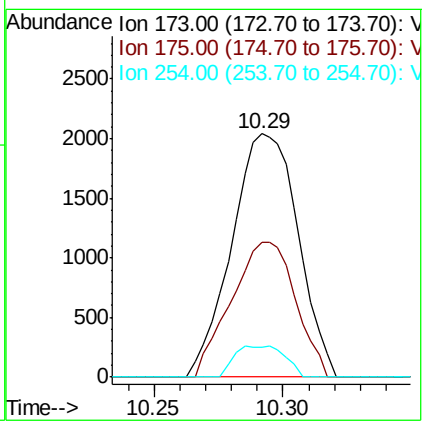


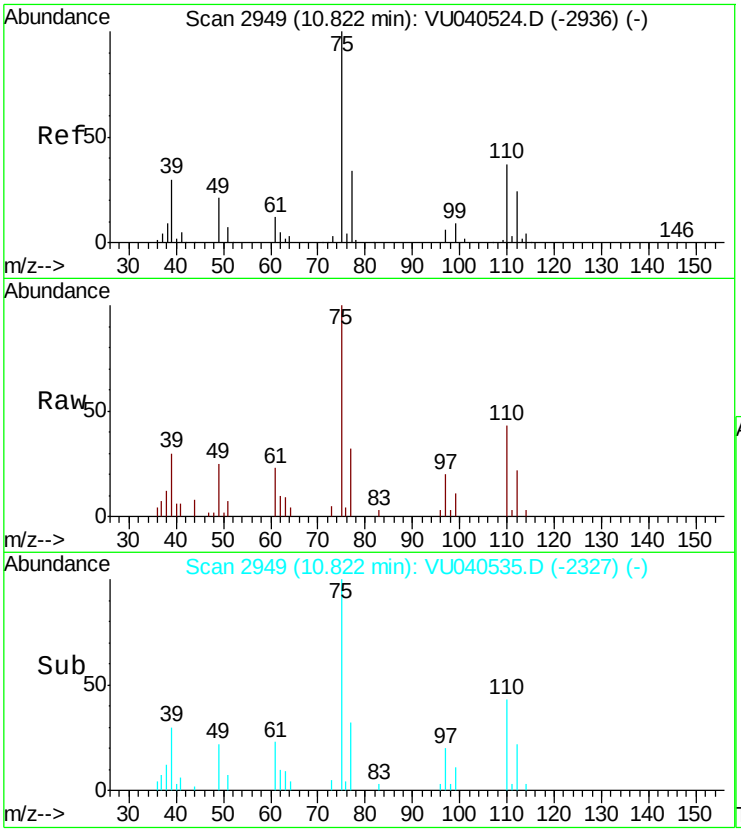


#59
Bromoform
Concen: 2.269 ug/L
RT: 10.29 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:173 Resp: 3655

Ion	Ratio	Lower	Upper
173	100		
175	53.7	38.5	57.7
254	5.7	7.0	10.6#



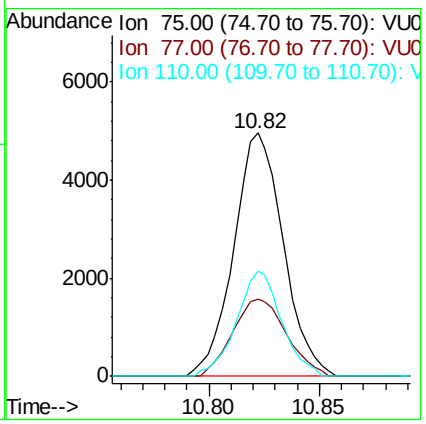


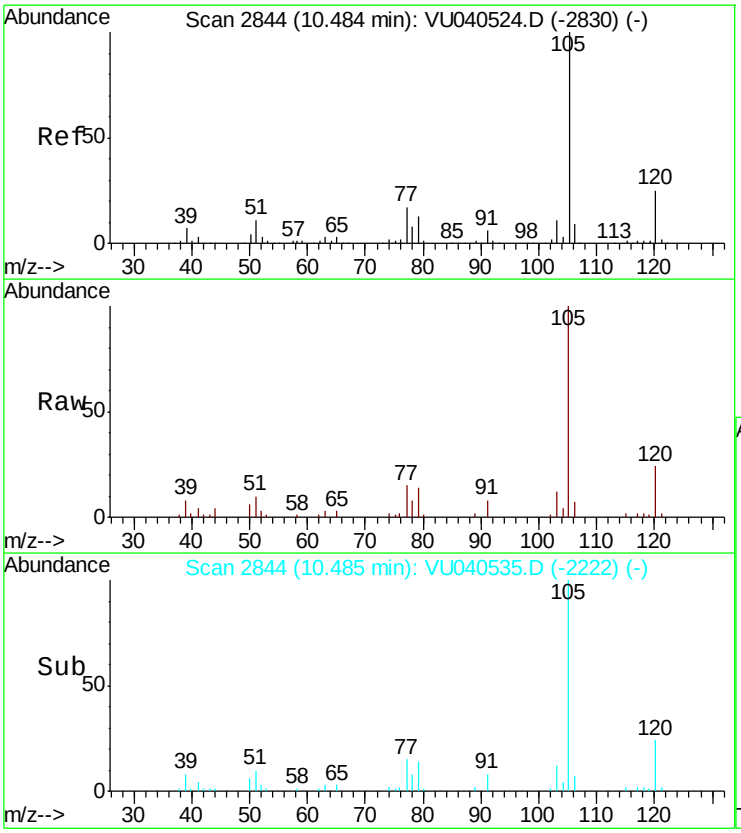
#60
1,2,3-Trichloropropane
Concen: 2.601 ug/L
RT: 10.82 min Scan# 2949
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion: 75 Resp: 7765

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.4	39.6
110	39.3	30.1	45.1

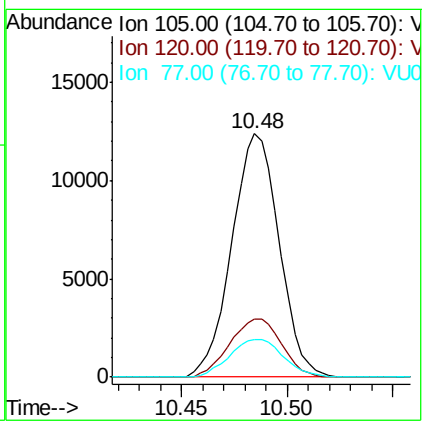


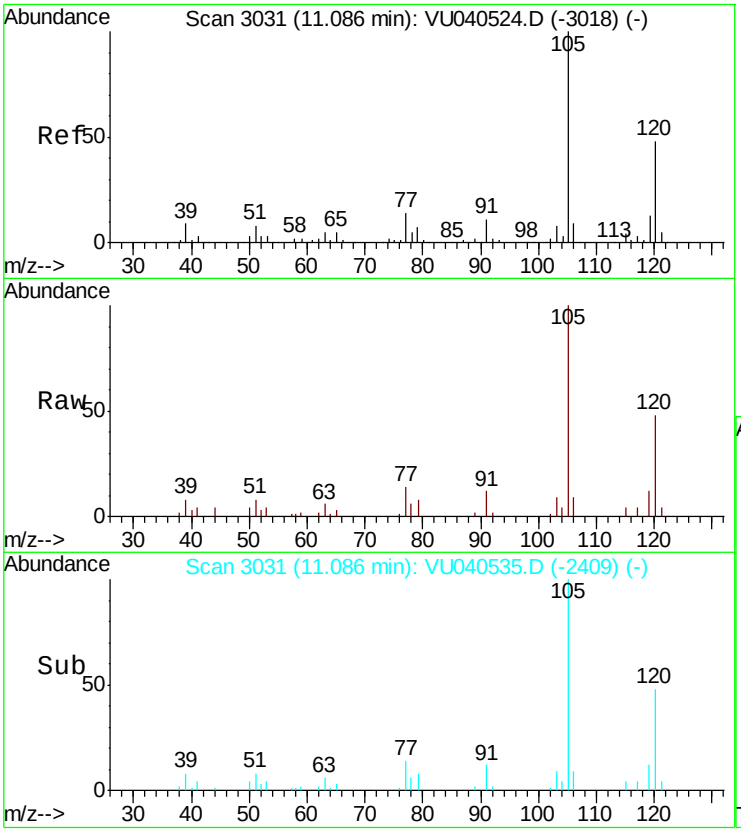


#61
Isopropylbenzene
Concen: 2.186 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:105 Resp: 19296

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.7	31.1
77	17.6	13.8	20.8



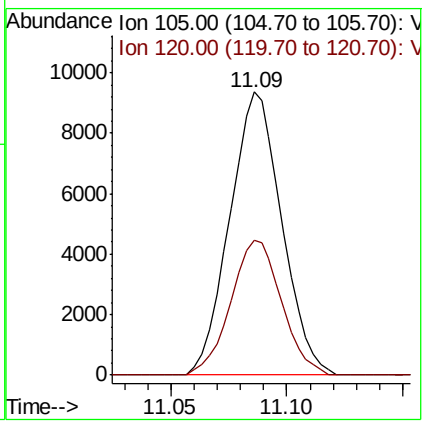


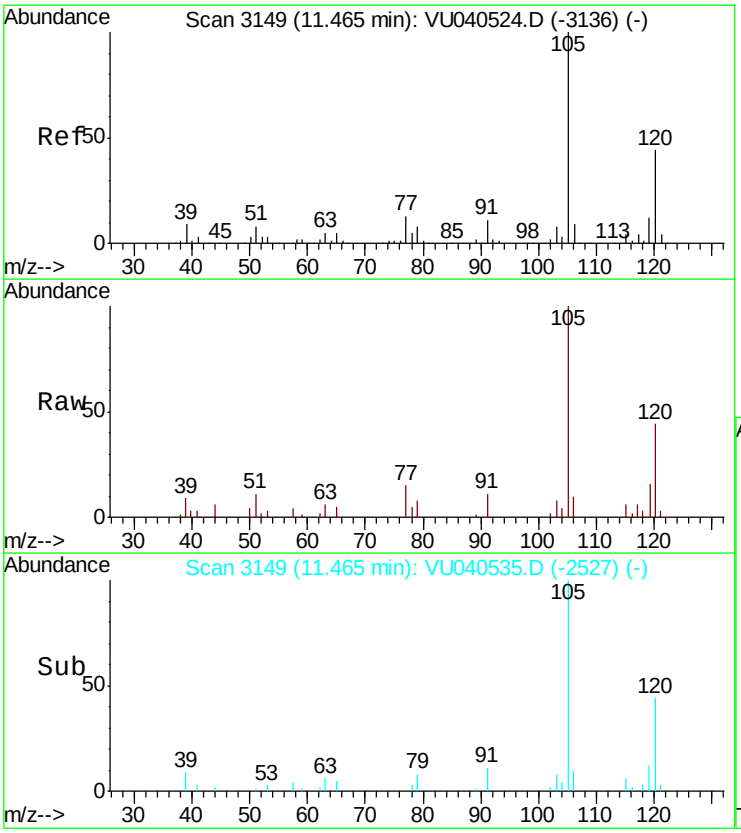
#62
1,3,5-Trimethylbenzene
Concen: 2.006 ug/L
RT: 11.09 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:105 Resp: 14549

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.6	58.0

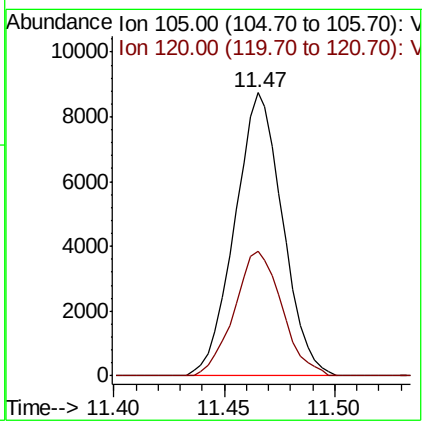


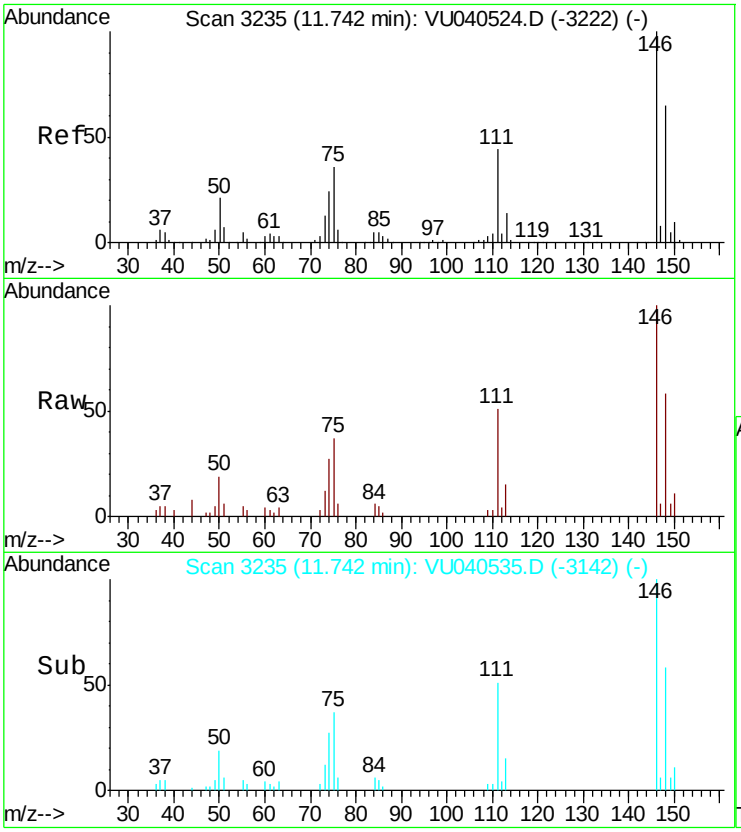


#63
1,2,4-Trimethylbenzene
Concen: 1.794 ug/L
RT: 11.47 min Scan# 3149
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:105 Resp: 13195

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.7	53.5



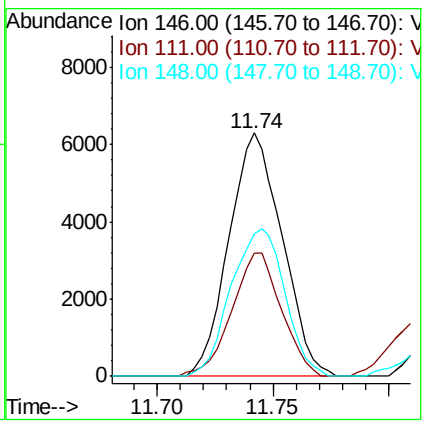


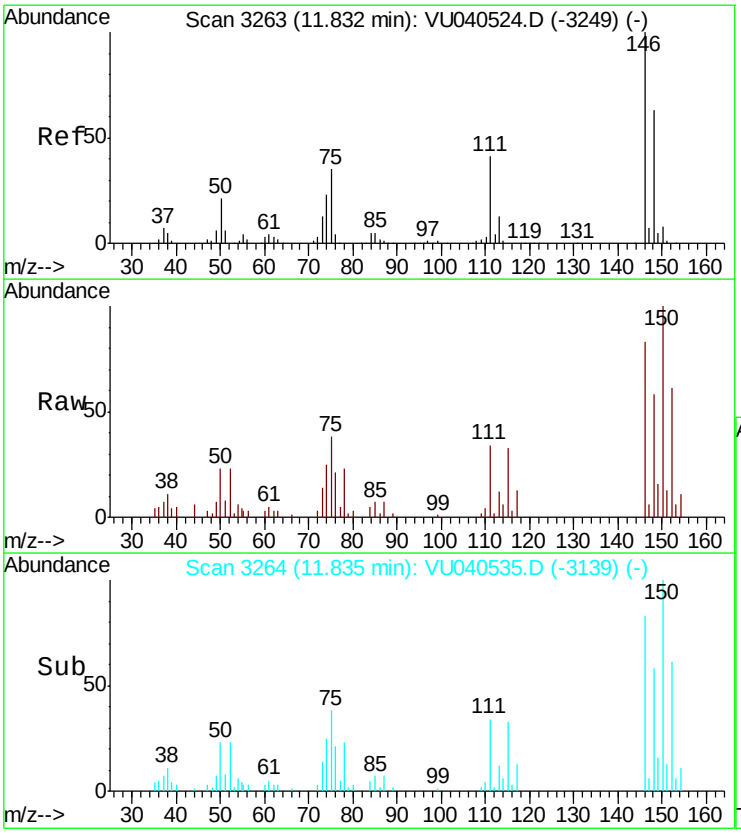
#64
1,3-Dichlorobenzene
Concen: 2.330 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:146 Resp: 10030

Ion	Ratio	Lower	Upper
146	100		
111	50.6	30.8	57.2
148	58.3	45.4	84.2

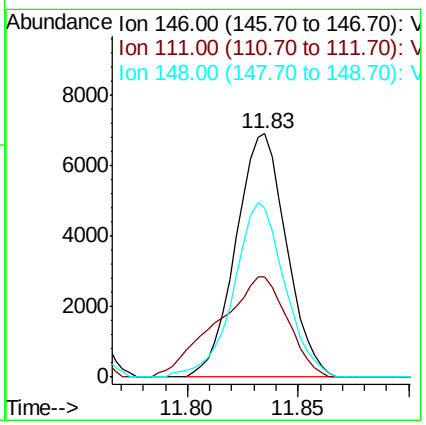


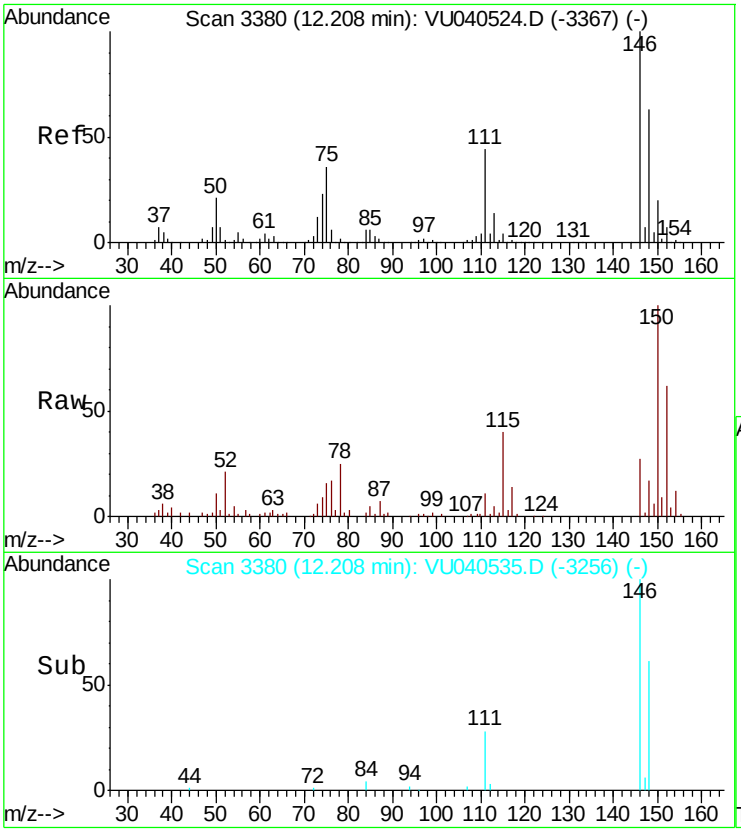


#65
1,4-Dichlorobenzene
Concen: 2.438 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:146 Resp: 11019

Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.7	53.3
148	69.7	44.1	81.9



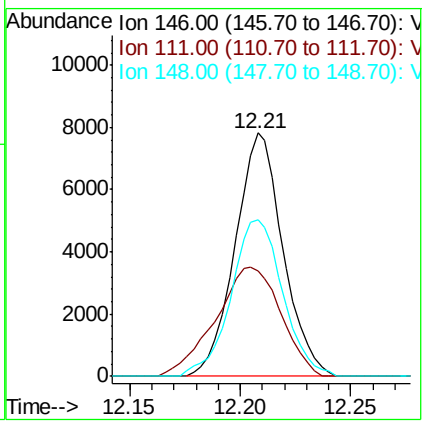


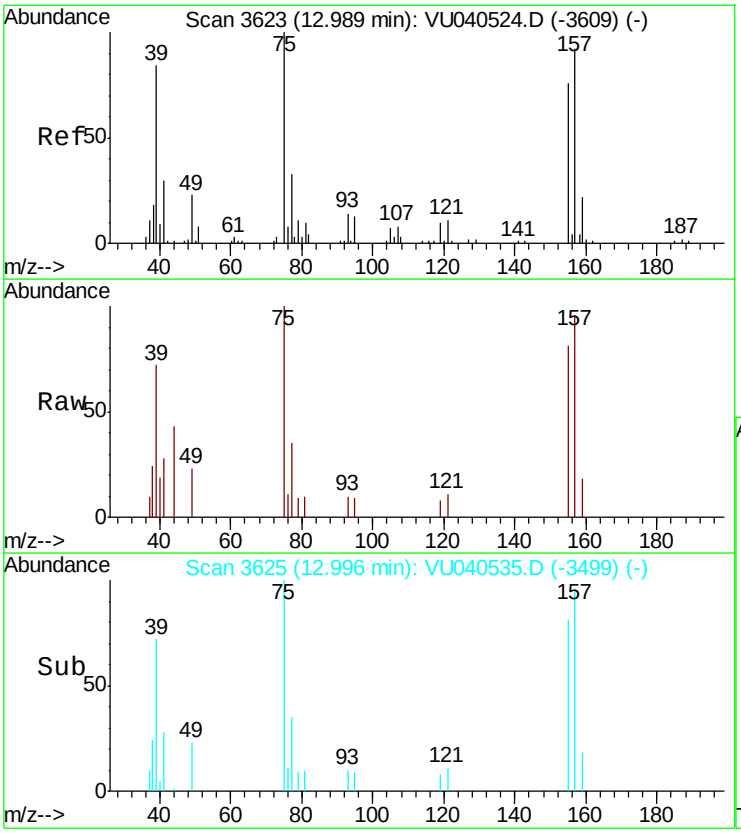
#67
1,2-Dichlorobenzene
Concen: 2.736 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:146 Resp: 11796

Ion	Ratio	Lower	Upper
146	100		
111	43.1	35.7	53.5
148	64.3	50.6	75.8

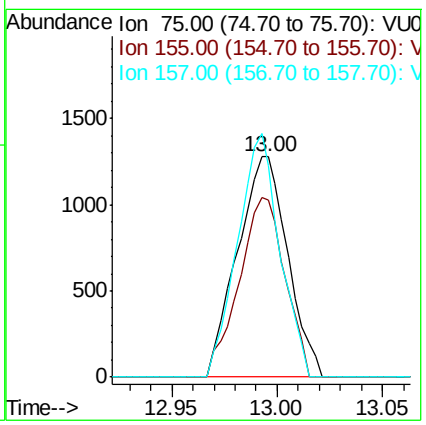


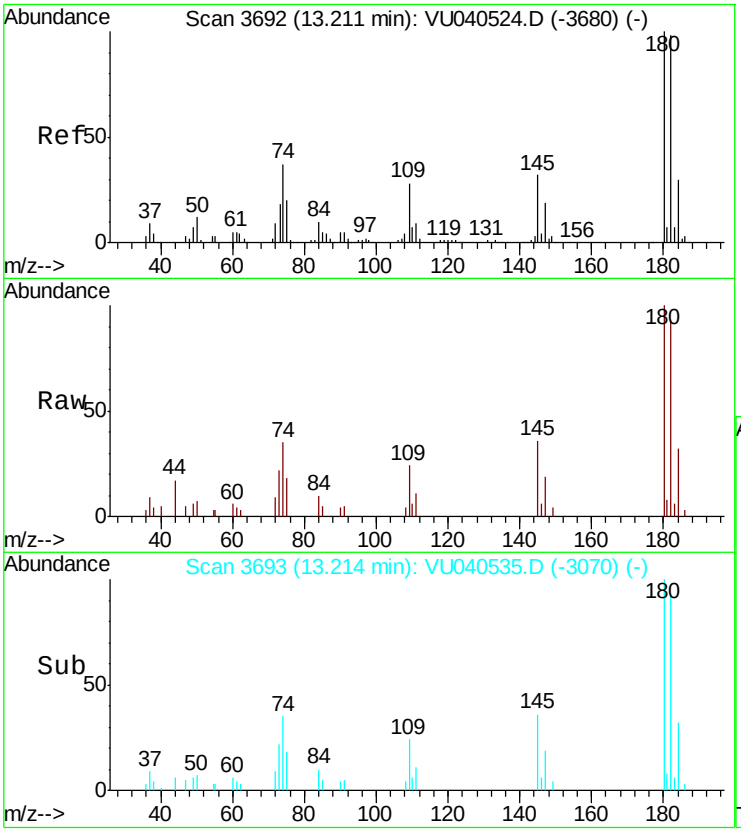


#68
1,2-Dibromo-3-chloropropane
Concen: 2.518 ug/L
RT: 13.00 min Scan# 3625
Delta R.T. 0.01 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion: 75 Resp: 2112

Ion	Ratio	Lower	Upper
75	100		
155	80.5	61.0	91.6
157	95.9	73.5	110.3



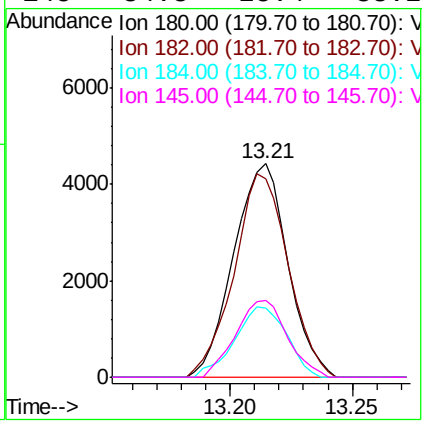


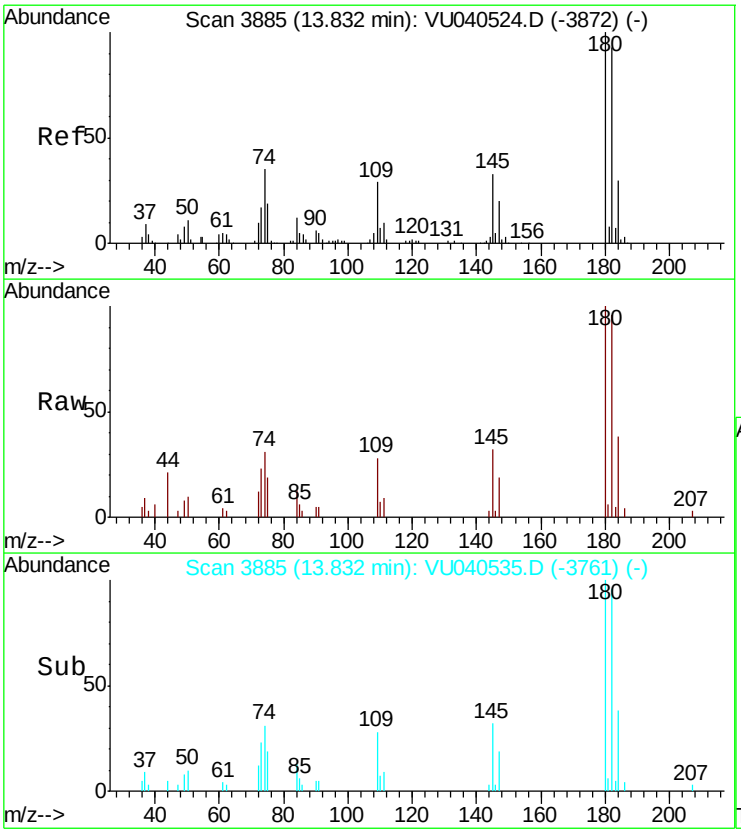
#69
1,3,5-Trichlorobenzene
Concen: 2.419 ug/L
RT: 13.21 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:180 Resp: 6823

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
184	31.7	24.2	36.2
145	34.3	25.4	38.2

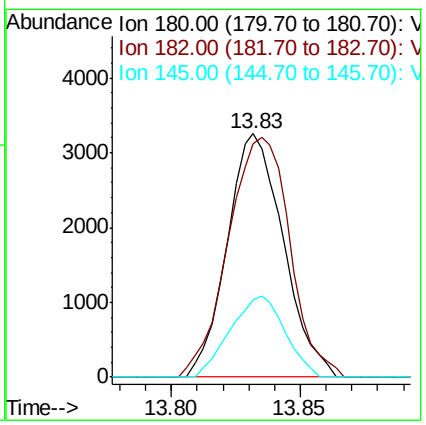


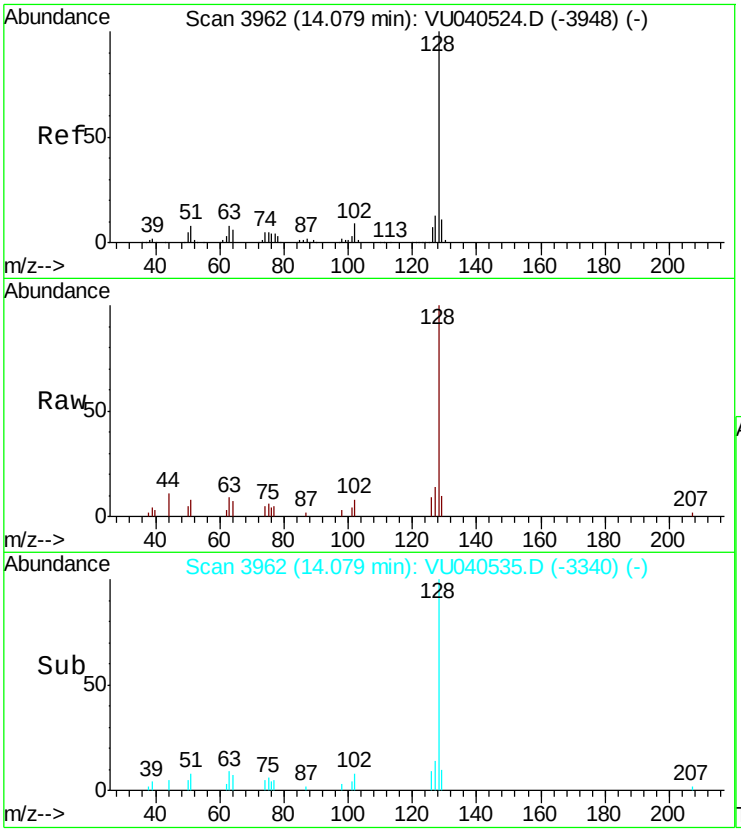


#70
1,2,4-trichlorobenzene
Concen: 2.015 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:180 Resp: 4924

Ion	Ratio	Lower	Upper
180	100		
182	108.3	75.0	112.6
145	32.4	25.9	38.9



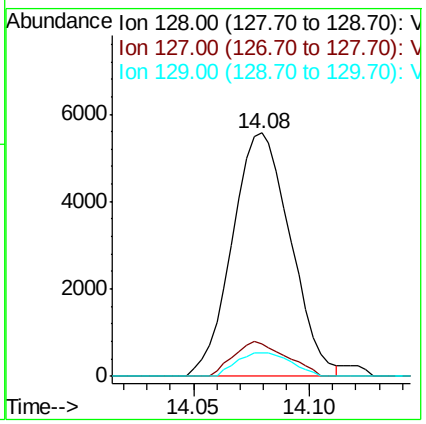


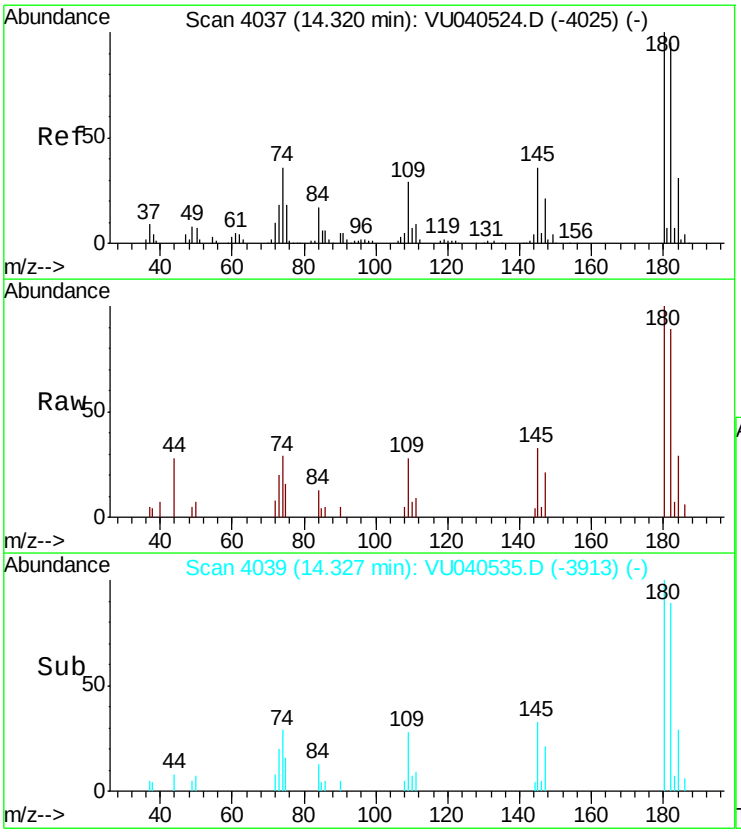
#71
Naphthalene
Concen: 1.288 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03

Tgt Ion:128 Resp: 9729

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	9.1	8.6	13.0





#72
1,2,3-Trichlorobenzene
Concen: 1.887 ug/L
RT: 14.33 min Scan# 4039
Delta R.T. 0.01 min
Lab File: VU040535.D
Acq: 06 Oct 2020 18:37

Tgt Ion:180 Resp: 4578

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.7	116.5
145	34.1	28.4	42.6