Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041006.D
Acq On : 28 Oct 2020 20:48
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Quant Time: Oct 29 02:07:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113124	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	48754	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36373	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.92	69	30619	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.58	65	17912	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	4.66	46	169387	53.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.60%			
24) Chloroform-d	5.08	84	74928	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.72	65	49680	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.74	84	134013	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47286	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.91	98	109382	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	18398	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	114372	51.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.98%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	43113	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
66) 1,2-Dichlorobenzene-d4	12.19	152	42516	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2145	0.224	ug/L	99
3) Chloromethane	1.53	50	2380	0.237	ug/L	95
5) Vinyl chloride	1.61	62	2600	0.262	ug/L #	61
6) Bromomethane	1.87	94	1373	0.259	ug/L	94
8) Chloroethane	1.94	64	1366	0.215	ug/L	100
9) Trichlorofluoromethane	2.15	101	3087	0.224	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2220	0.278	ug/L	87
12) 1,1-Dichloroethene	2.59	96	1914	0.252	ug/L #	1
13) Acetone	2.67	43	2210	1.120	ug/L	79
14) Carbon disulfide	2.81	76	5986	0.247	ug/L	100
16) Methylene chloride	3.06	84	3021	0.333	ug/L	85
17) Methyl tert-butyl Ether	3.38	73	4097	0.207	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	1840	0.239	ug/L	83
19) 1,1-Dichloroethane	3.88	63	1765	0.111	ug/L #	94
21) 2-Butanone	4.76	43	4915	1.535	ug/L #	72
22) cis-1,2-Dichloroethene	4.68	96	1707	0.207	ug/L	90
23) Bromochloromethane	5.00	128	799	0.204	ug/L	83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041006.D
Acq On : 28 Oct 2020 20:48
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Quant Time: Oct 29 02:07:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.11	83	5003	0.307 ug/L	95
27) 1,2-Dichloroethane	5.82	62	2821	0.236 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	3182	0.227 ug/L	94
30) Cyclohexane	5.40	56	2663	0.205 ug/L #	93
31) Carbon tetrachloride	5.54	117	2730	0.228 ug/L	92
33) Benzene	5.79	78	7718	0.235 ug/L	100
34) Trichloroethene	6.55	95	1975	0.225 ug/L	96
35) Methylcyclohexane	6.77	83	2733	0.224 ug/L	89
37) 1,2-Dichloropropane	6.81	63	2098	0.225 ug/L #	89
38) Bromodichloromethane	7.11	83	2513	0.215 ug/L #	80
39) cis-1,3-Dichloropropene	7.61	75	2489	0.201 ug/L	89
40) 4-Methyl-2-pentanone	7.80	43	14728	2.088 ug/L #	88
42) Toluene	7.98	91	7520	0.226 ug/L	89
44) trans-1,3-Dichloropropene	8.22	75	3363	0.292 ug/L #	61
45) 1,1,2-Trichloroethane	8.40	97	1359	0.204 ug/L	89
47) Tetrachloroethene	8.56	164	1521	0.251 ug/L	89
48) 2-Hexanone	8.69	43	14296	2.701 ug/L	98
49) Dibromochloromethane	8.82	129	1757	0.228 ug/L	94
50) 1,2-Dibromoethane	8.92	107	1364	0.218 ug/L #	93
51) Chlorobenzene	9.45	112	4677	0.219 ug/L	97
52) Ethylbenzene	9.57	91	7042	0.204 ug/L	100
53) m,p-Xylene	9.70	106	2227	0.178 ug/L	87
54) o-Xylene	10.10	106	2284	0.191 ug/L	96
55) Styrene	10.11	104	3546	0.171 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	1770	0.206 ug/L #	86
59) Bromoform	10.29	173	928	0.244 ug/L #	90
60) Isopropylbenzene	10.48	105	5220	0.184 ug/L	94
61) 1,2,3-Trichloropropane	10.82	75	1538	0.262 ug/L	92
62) 1,3,5-Trimethylbenzene	11.09	105	4576	0.202 ug/L	95
63) 1,2,4-Trimethylbenzene	11.46	105	4265	0.185 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	3464	0.245 ug/L	89
65) 1,4-Dichlorobenzene	11.83	146	3204	0.222 ug/L	90
67) 1,2-Dichlorobenzene	12.21	146	3297	0.241 ug/L	92
68) 1,2-Dibromo-3-chloropropan	12.99	75	345	0.255 ug/L #	74
69) 1,3,5-Trichlorobenzene	13.21	180	2362	0.244 ug/L	92
70) 1,2,4-trichlorobenzene	13.83	180	1743	0.214 ug/L	96
71) Naphthalene	14.08	128	2422	0.170 ug/L #	88
72) 1,2,3-Trichlorobenzene	14.32	180	1488	0.195 ug/L	93

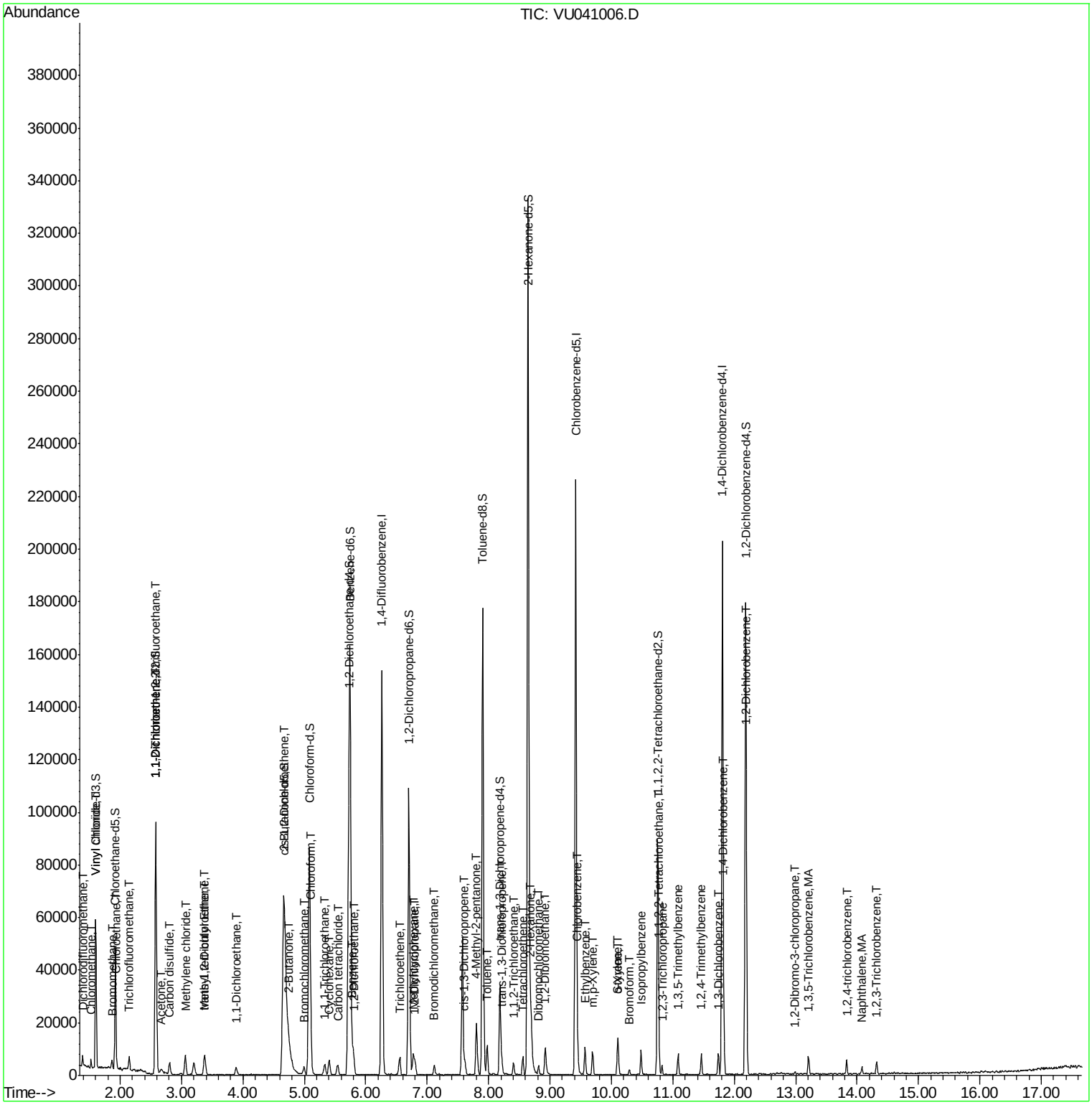
(#) = qualifier out of range (m) = manual integration (+) = signals summed

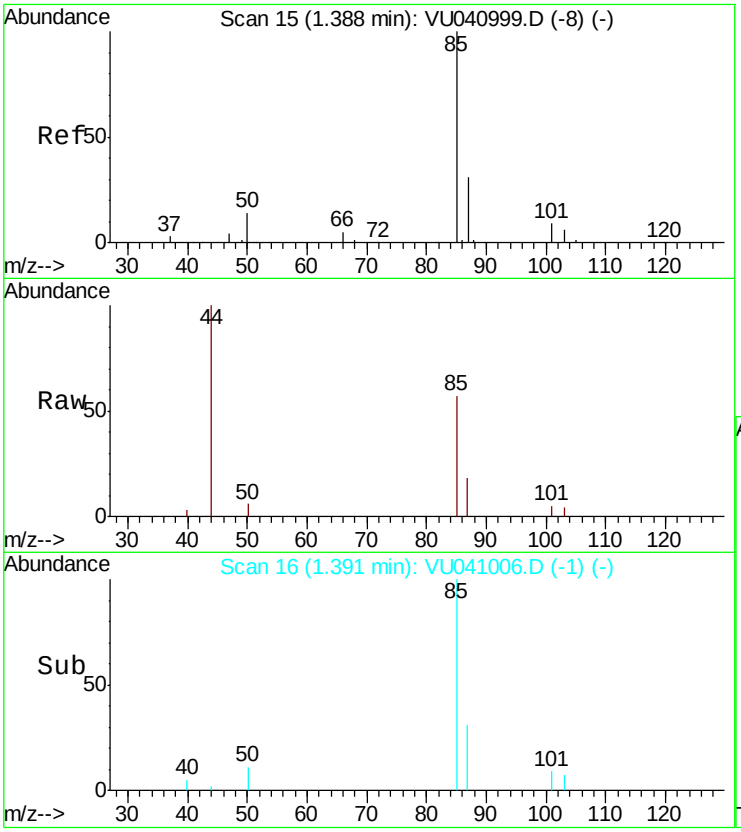
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041006.D
Acq On : 28 Oct 2020 20:48
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Quant Time: Oct 29 02:07:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration



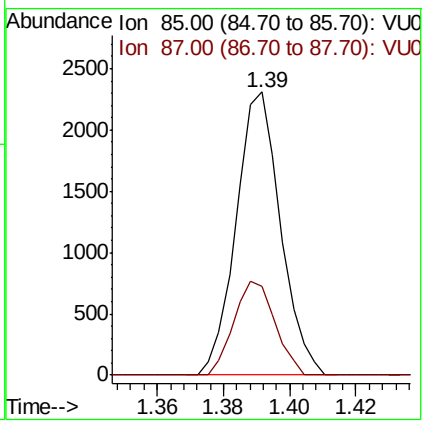


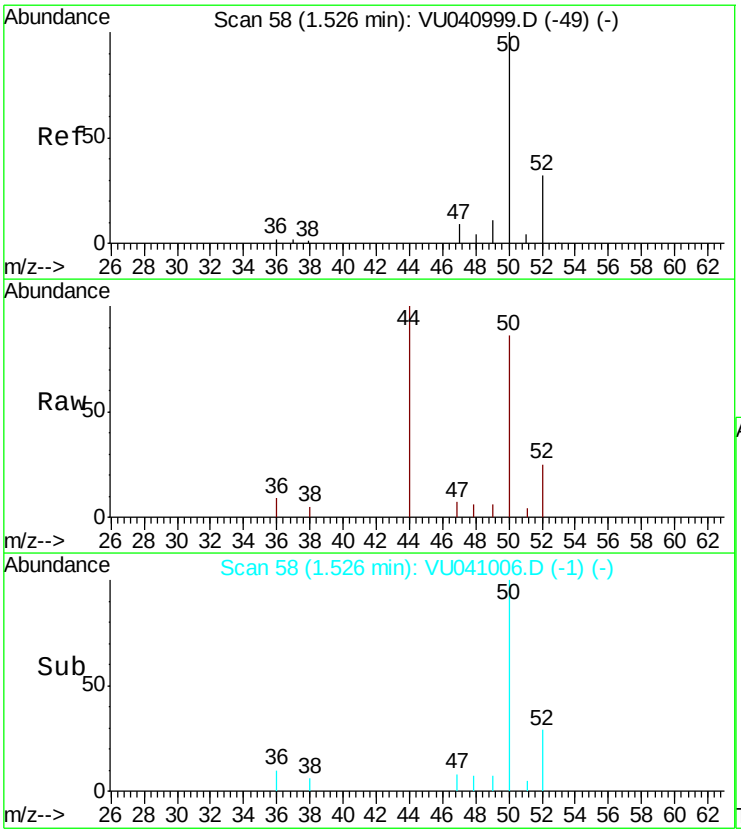
#2
Dichlorodifluoromethane
Concen: 0.224 ug/L
RT: 1.39 min Scan# 16
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 85 Resp: 2145

Ion	Ratio	Lower	Upper
85	100		
87	30.7	25.2	37.8

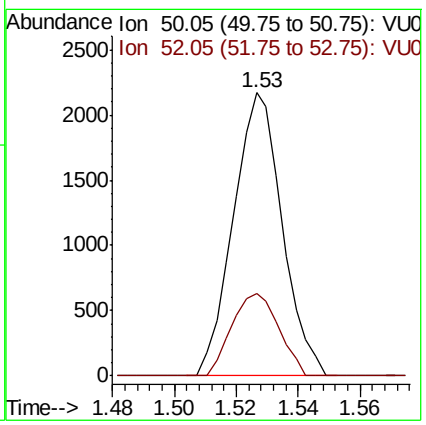


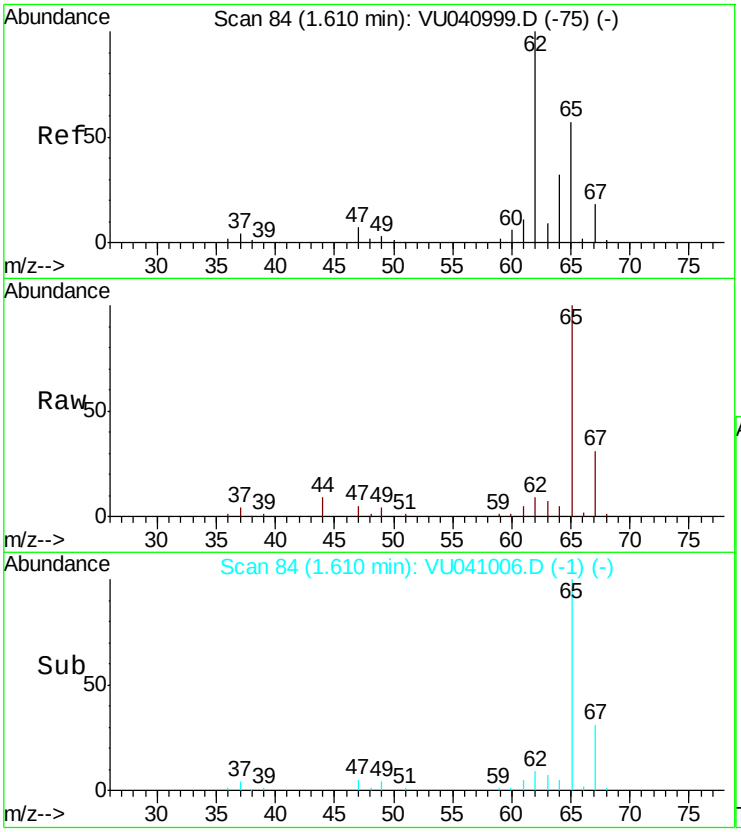


#3
Chloromethane
Concen: 0.237 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 50 Resp: 2380

Ion	Ratio	Lower	Upper
50	100		
52	29.3	22.4	41.6



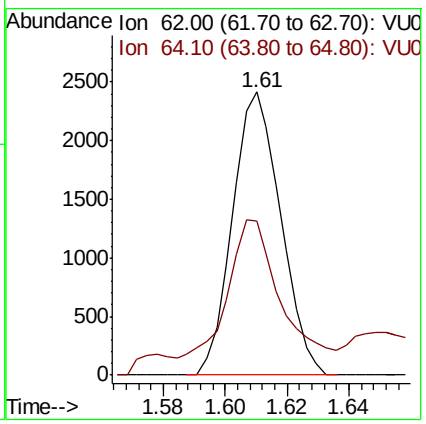


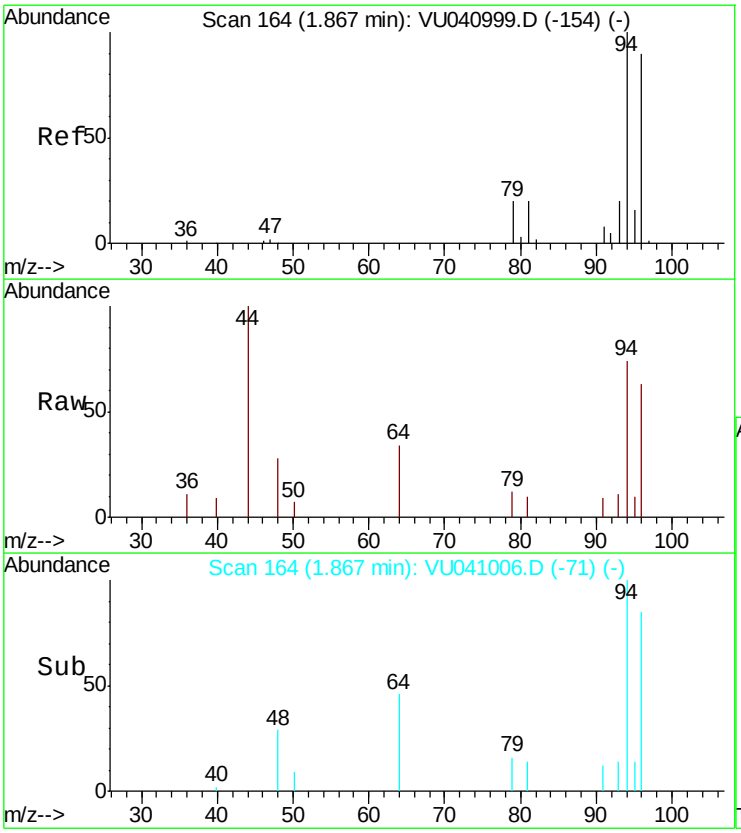
#5
Vinyl chloride
Concen: 0.262 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 62 Resp: 2600

Ion	Ratio	Lower	Upper
62	100		
64	54.6	22.7	42.3#

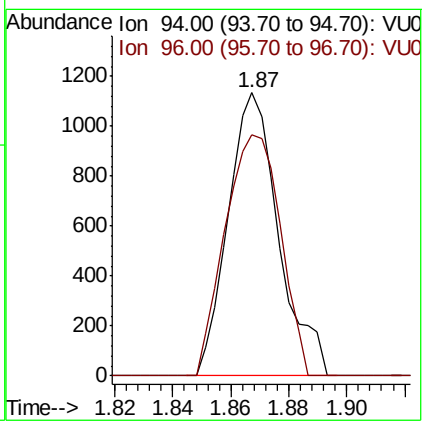


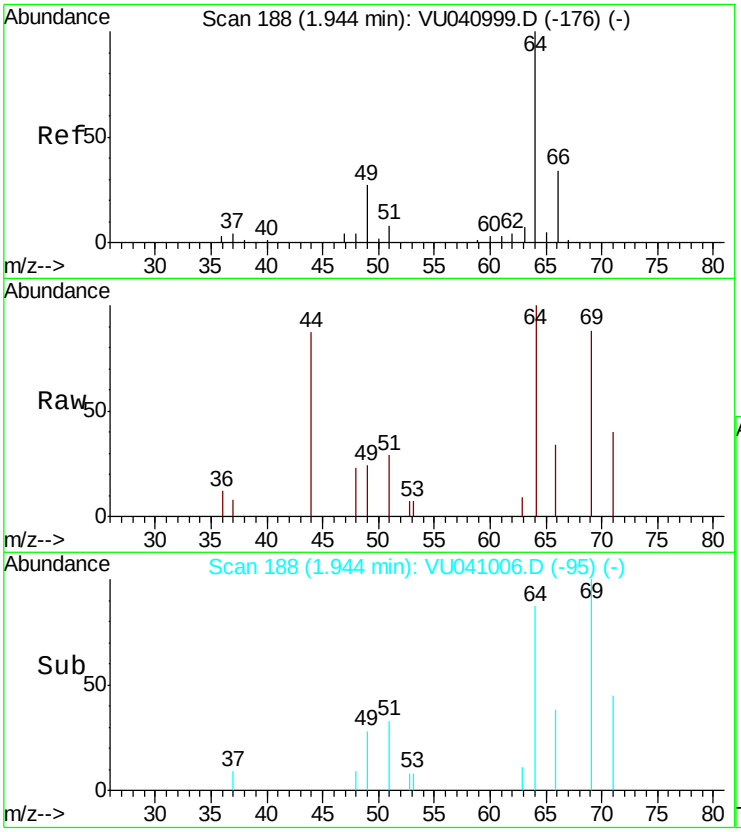


#6
Bromomethane
Concen: 0.259 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 94 Resp: 1373

Ion	Ratio	Lower	Upper
94	100		
96	85.0	63.2	117.4



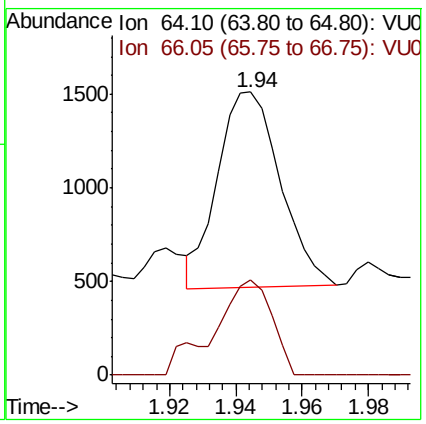


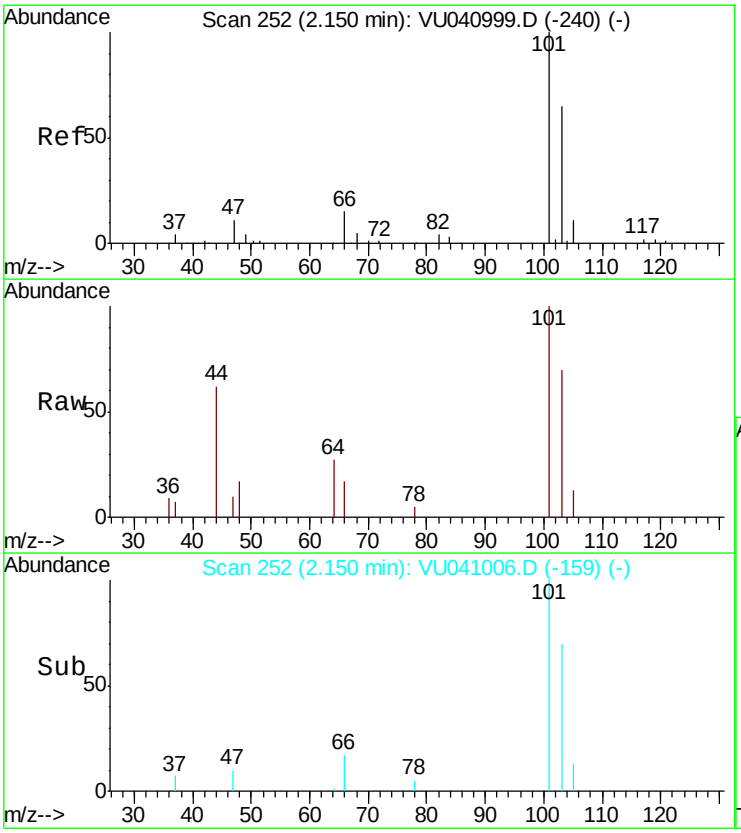
#8
Chloroethane
Concen: 0.215 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 64 Resp: 1366

Ion	Ratio	Lower	Upper
64	100		
66	33.6	23.4	43.6

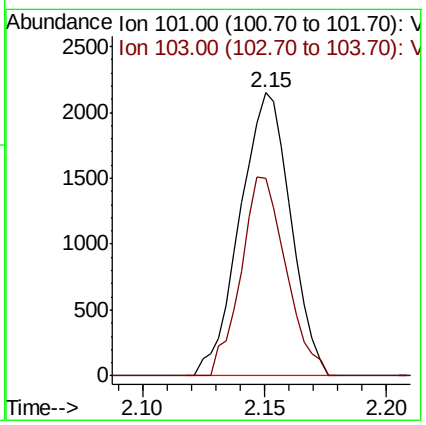


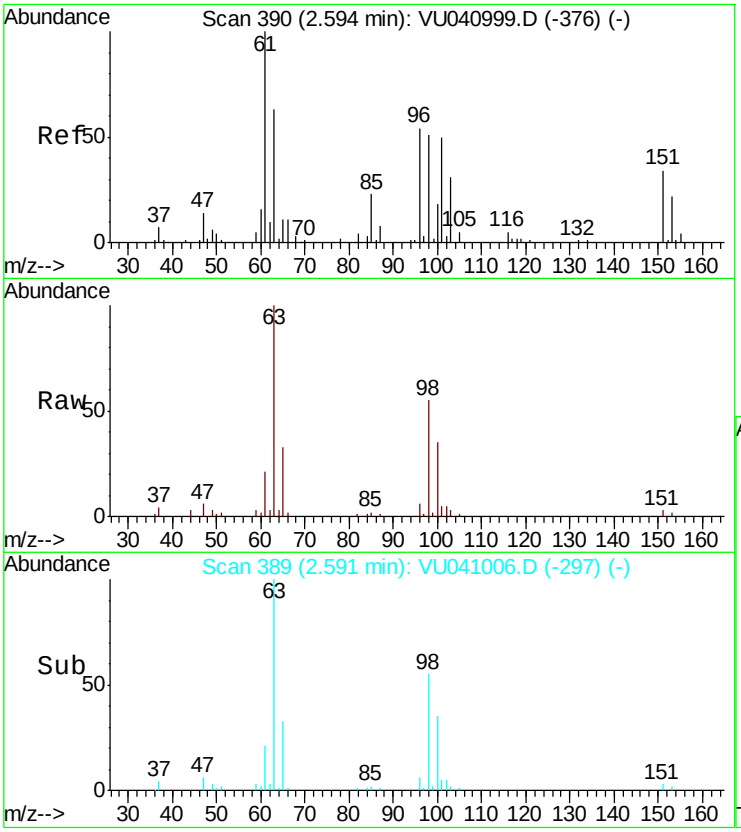


#9
Trichlorofluoromethane
Concen: 0.224 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:101 Resp: 3087

Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.0	76.4



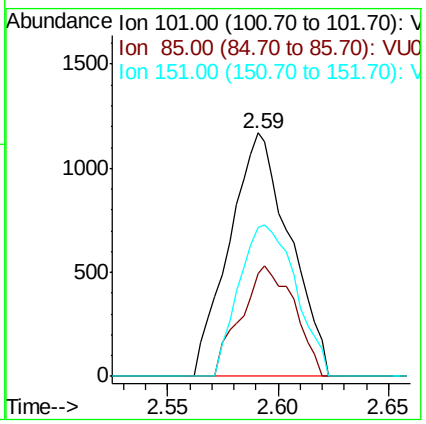


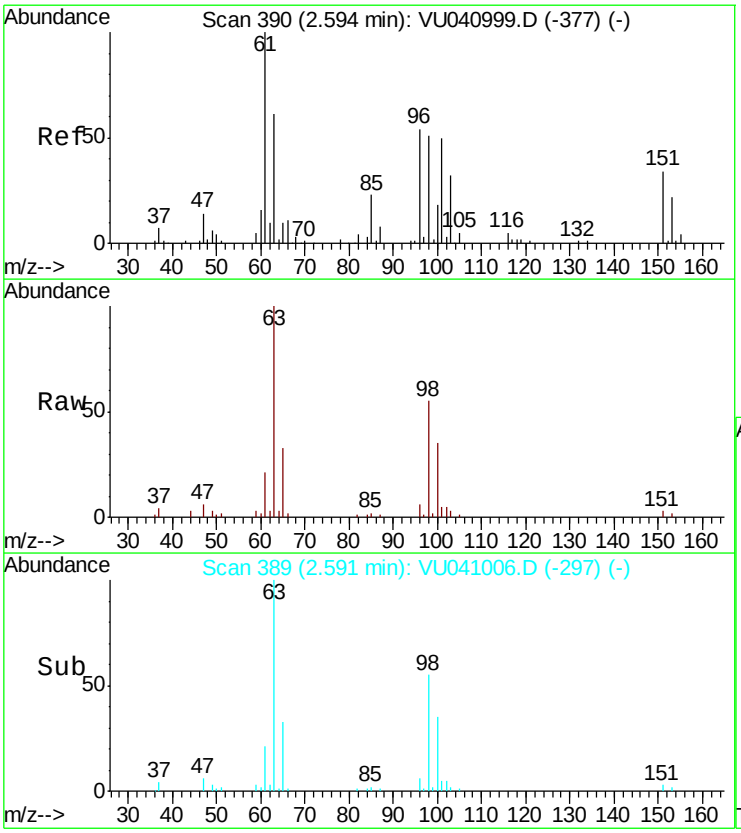
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.278 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:101 Resp: 2220

Ion	Ratio	Lower	Upper
101	100		
85	39.7	38.1	57.1
151	58.6	56.0	84.0

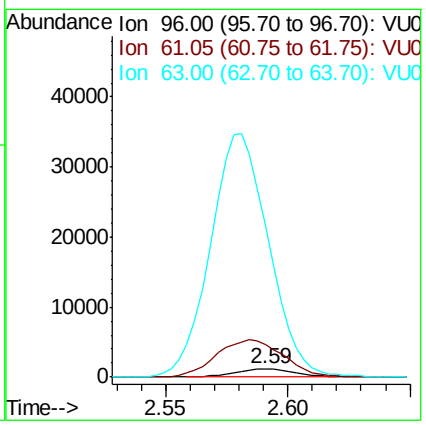


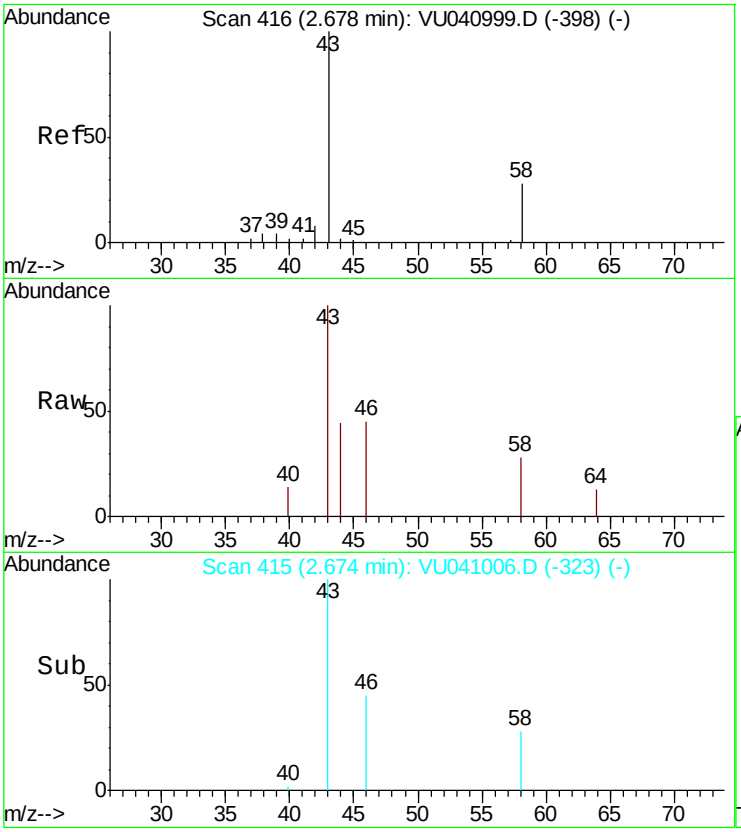


#12
1,1-Dichloroethene
Concen: 0.252 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 96 Resp: 1914

Ion	Ratio	Lower	Upper
96	100		
61	386.8	130.2	241.8#
63	1808.1	83.7	155.5#



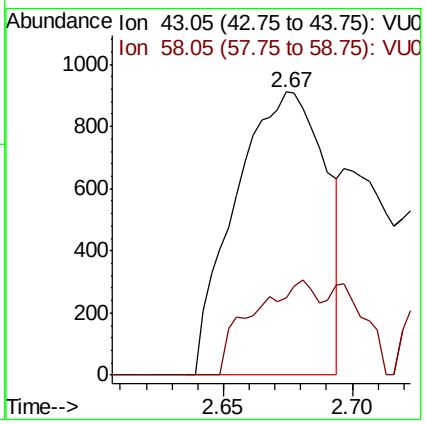


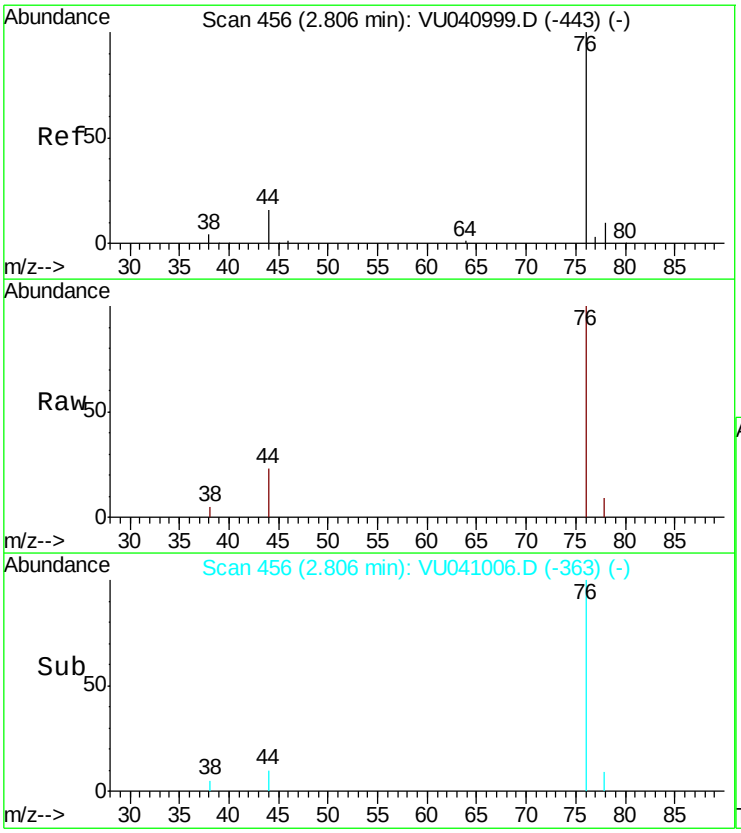
#13
Acetone
Concen: 1.120 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 43 Resp: 2210

Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.0	30.8

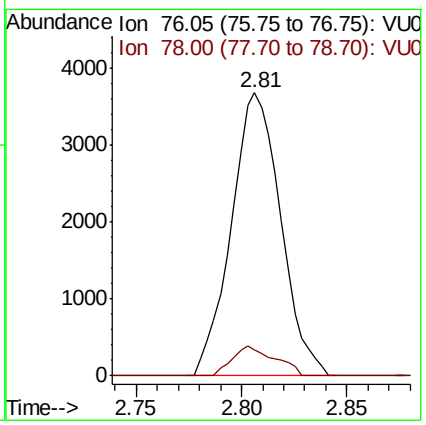


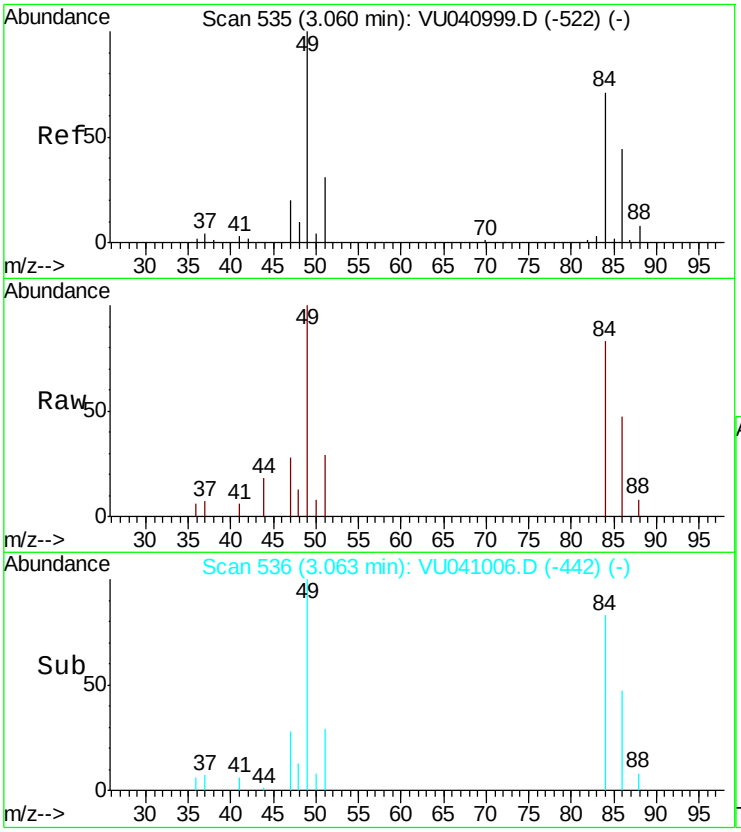


#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 76 Resp: 5986

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.7	11.5



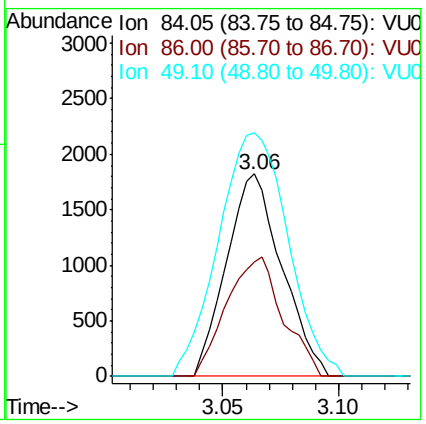


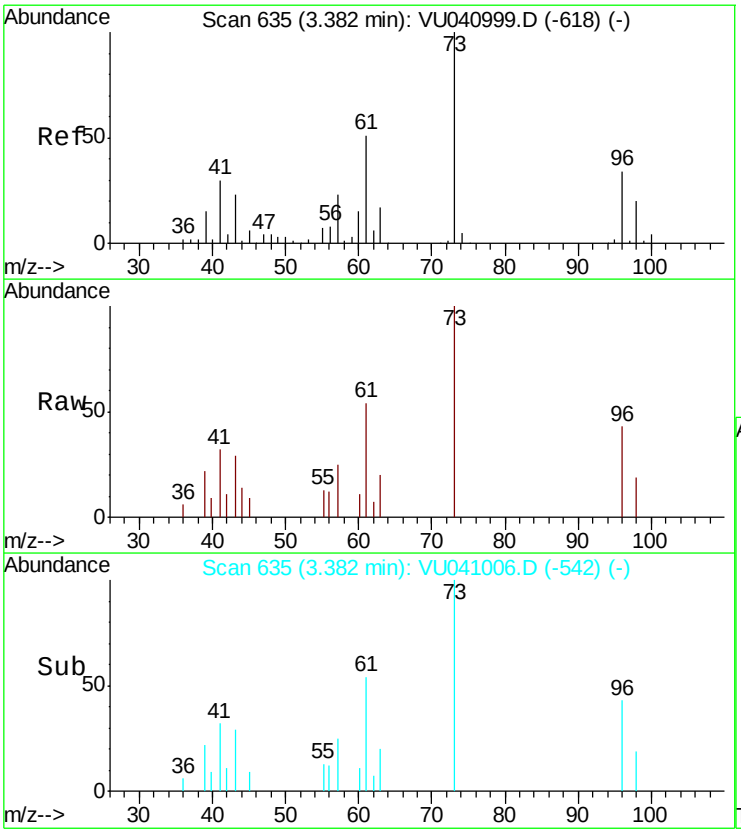
#16
Methylene chloride
Concen: 0.333 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 84 Resp: 3021

Ion	Ratio	Lower	Upper
84	100		
86	56.8	44.2	82.0
49	120.4	99.3	184.3

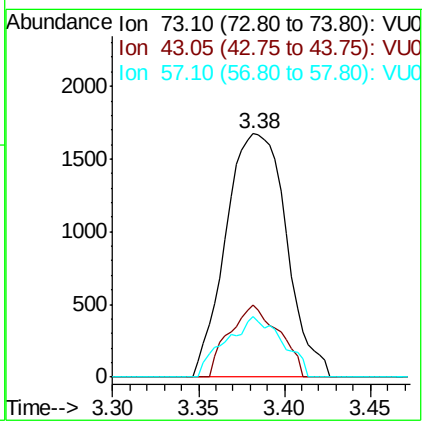


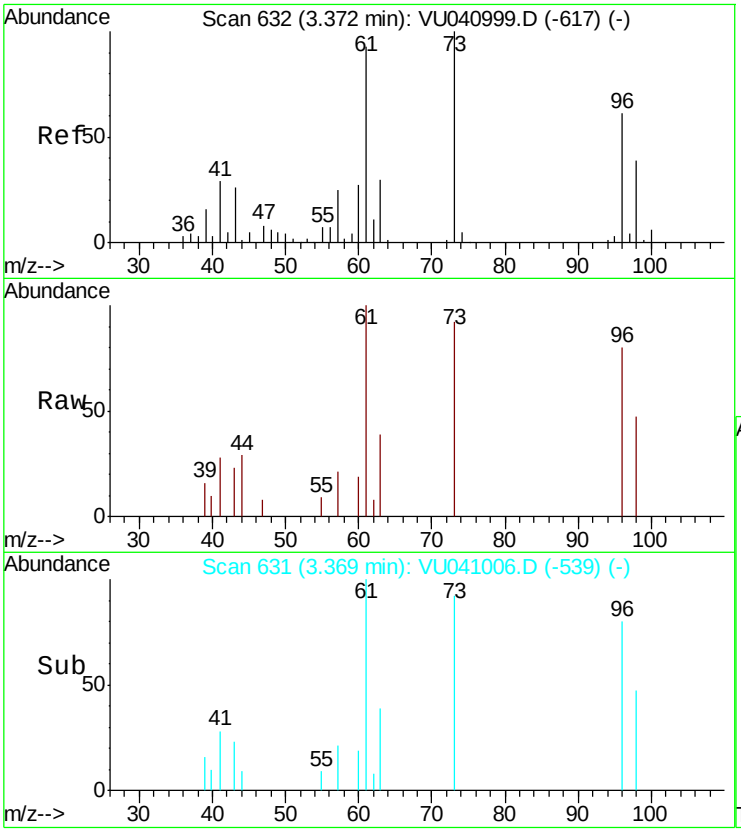


#17
Methyl tert-butyl Ether
Concen: 0.207 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 73 Resp: 4097

Ion	Ratio	Lower	Upper
73	100		
43	24.2	19.5	29.3
57	23.1	18.9	28.3



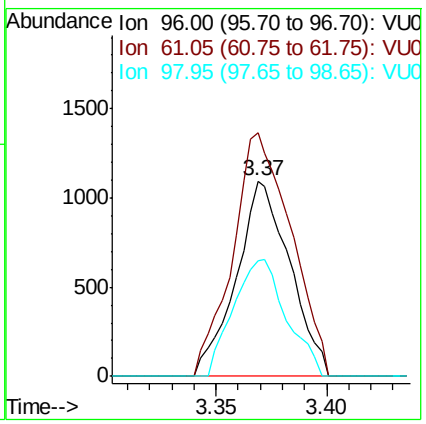


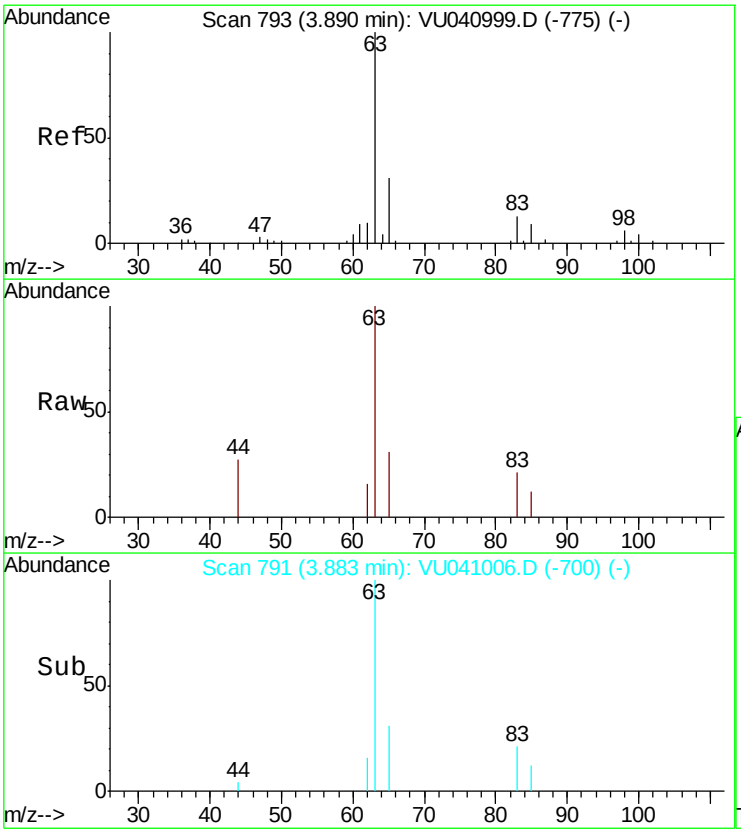
#18
trans-1,2-Dichloroethene
Concen: 0.239 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 96 Resp: 1840

Ion	Ratio	Lower	Upper
96	100		
61	124.9	107.2	199.0
98	59.2	44.6	82.8

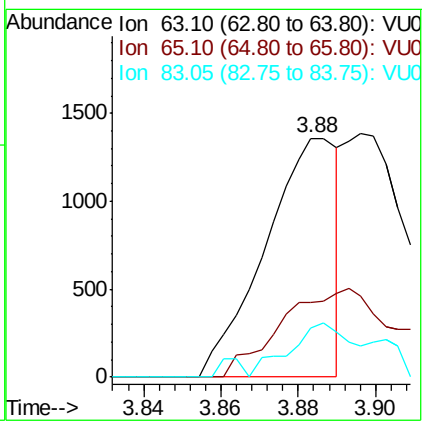


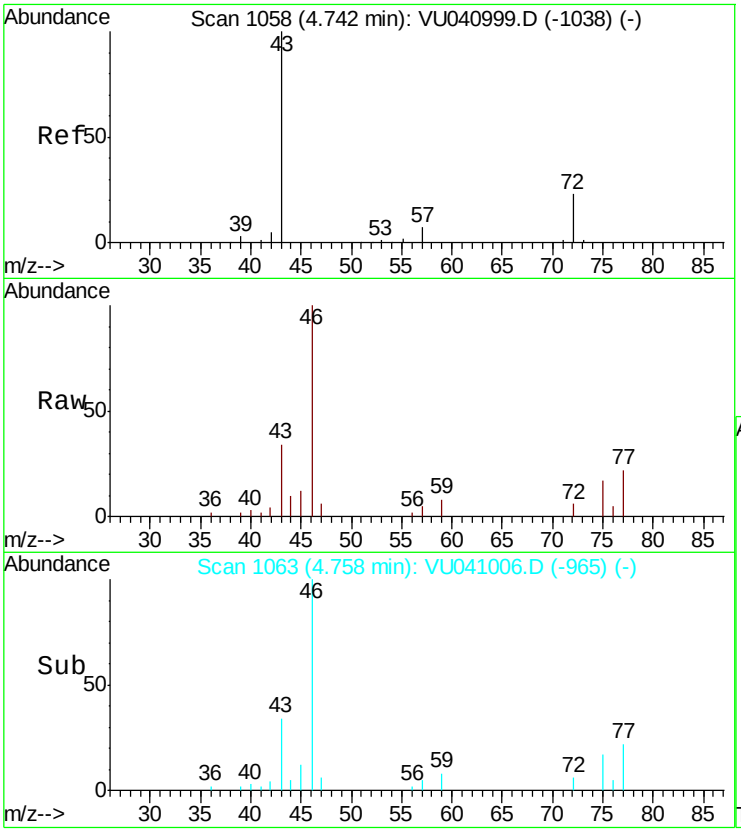


#19
1,1-Dichloroethane
Concen: 0.111 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.01 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 63 Resp: 1765

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.4
83	20.5	9.3	17.3#



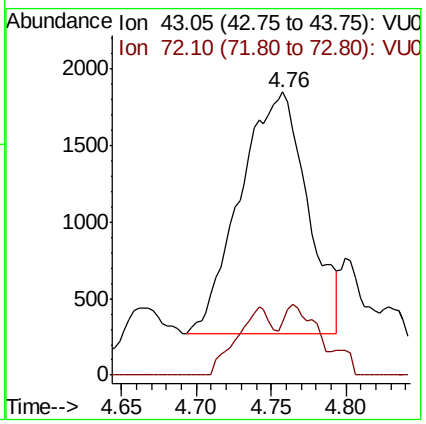


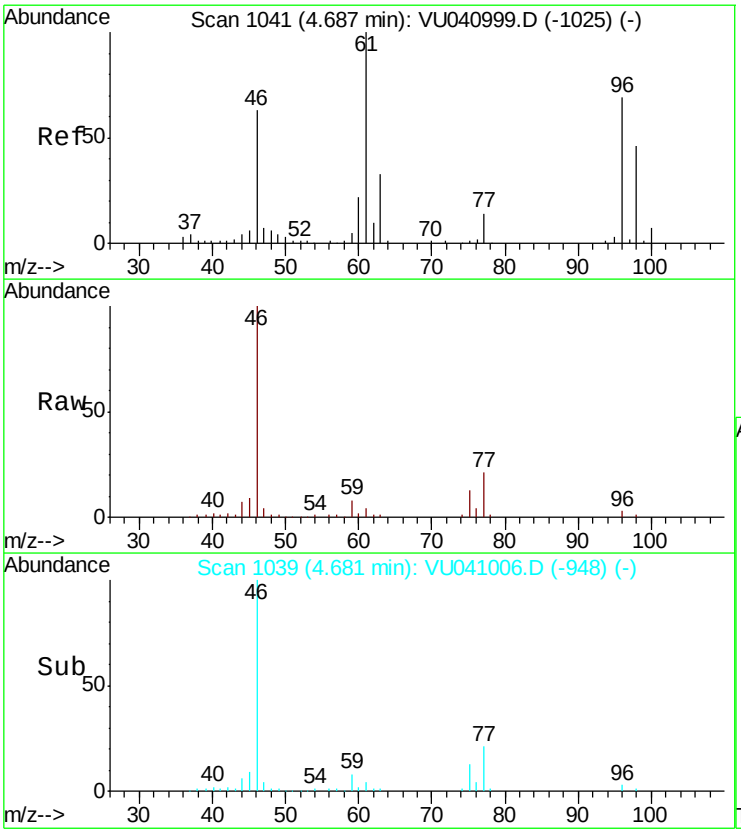
#21
2-Butanone
Concen: 1.535 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 43 Resp: 4915

Ion	Ratio	Lower	Upper
43	100		
72	9.3	11.6	34.7#

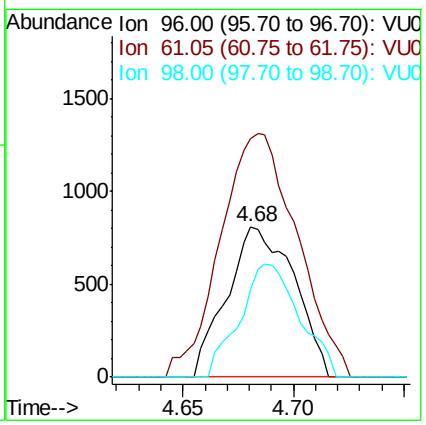


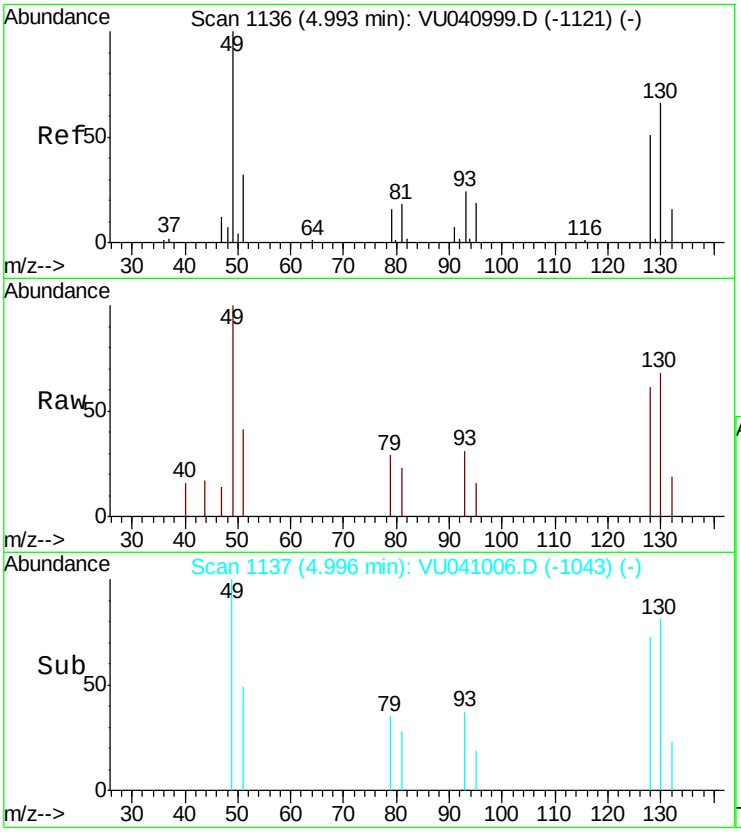


#22
cis-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 96 Resp: 1707

Ion	Ratio	Lower	Upper
96	100		
61	157.9	101.7	188.9
98	58.0	46.4	86.2



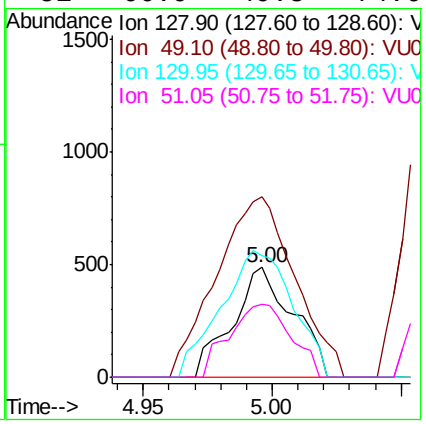


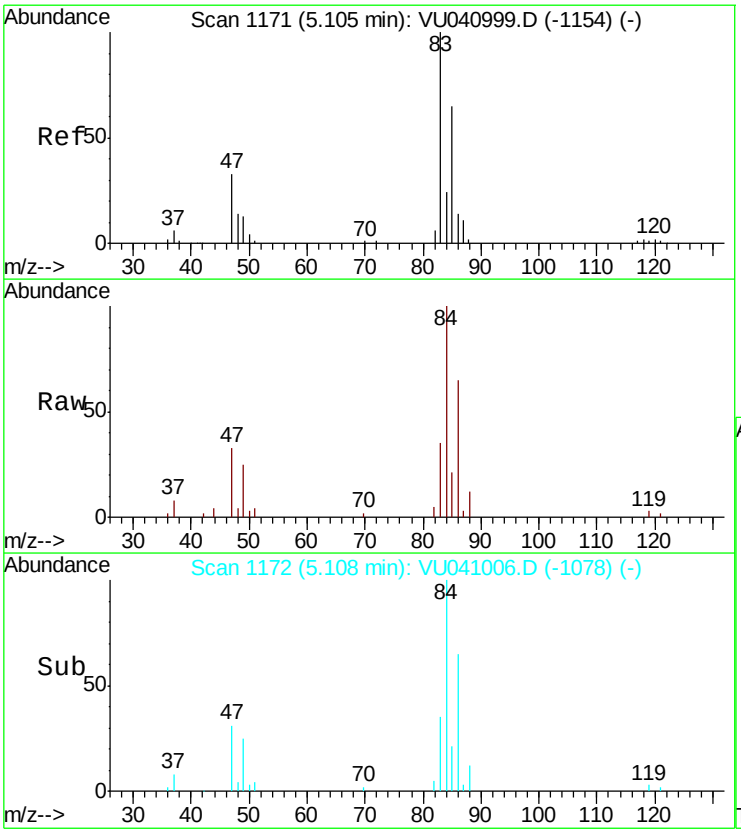
#23
Bromochloromethane
Concen: 0.204 ug/L
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:128 Resp: 799

Ion	Ratio	Lower	Upper
128	100		
49	164.9	137.5	255.4
130	111.5	90.2	167.4
51	66.9	49.8	74.6

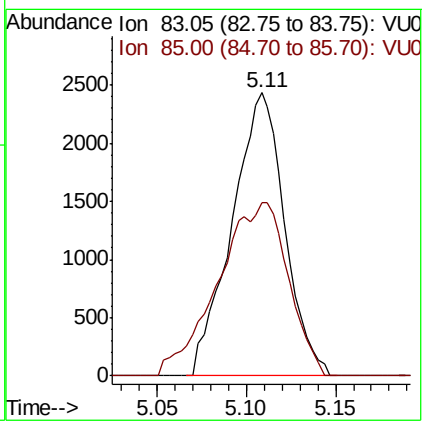


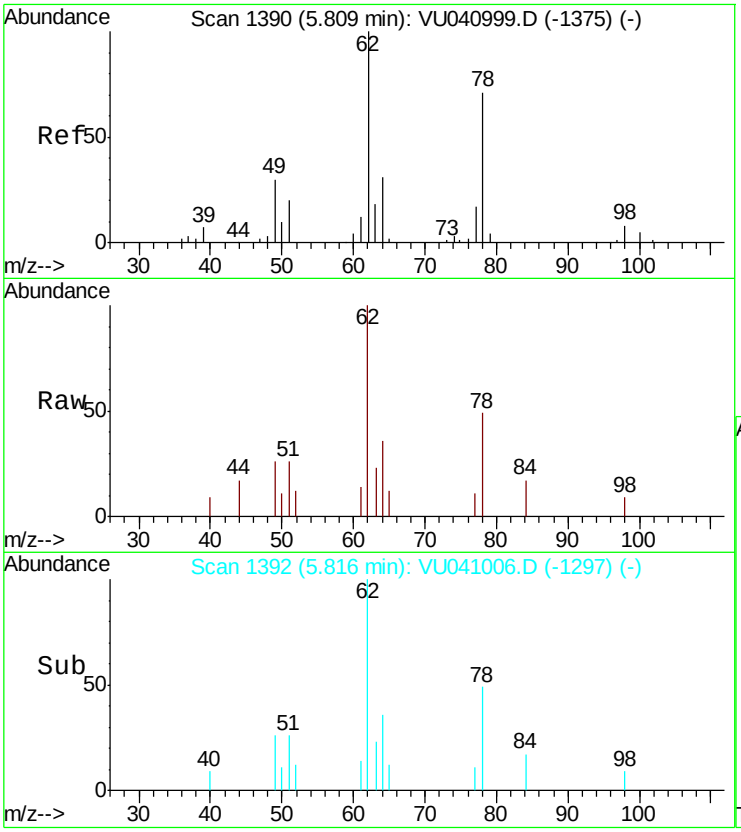


#25
Chloroform
Concen: 0.307 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 83 Resp: 5003

Ion	Ratio	Lower	Upper
83	100		
85	61.0	45.5	84.5



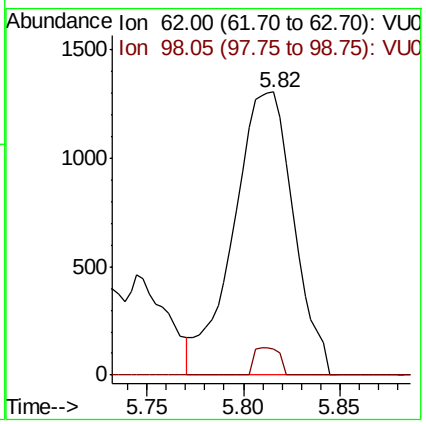


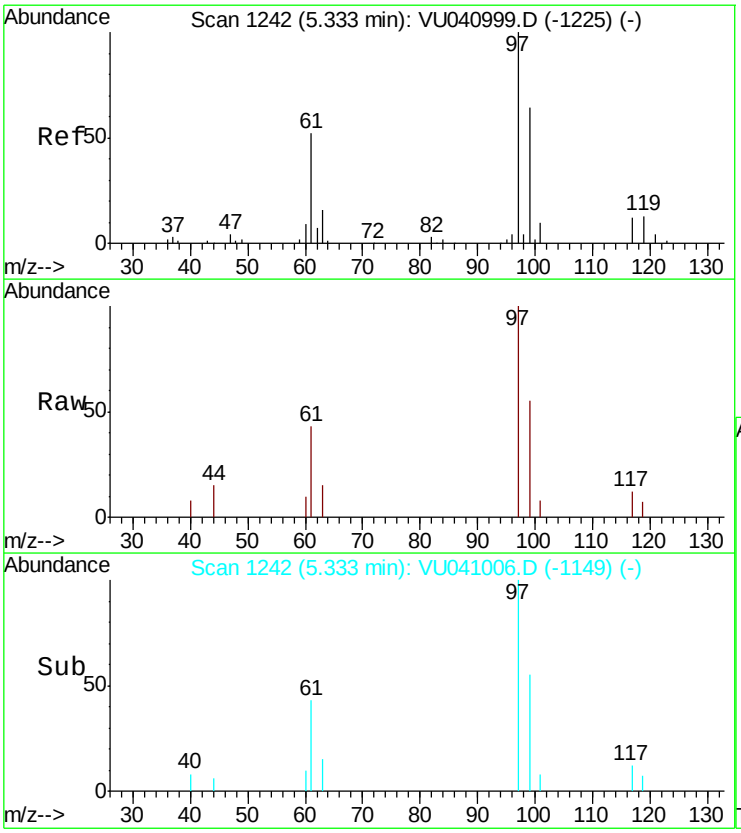
#27
1,2-Dichloroethane
Concen: 0.236 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 62 Resp: 2821

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.1	9.1

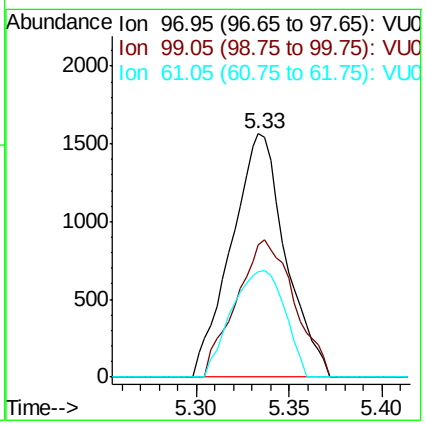


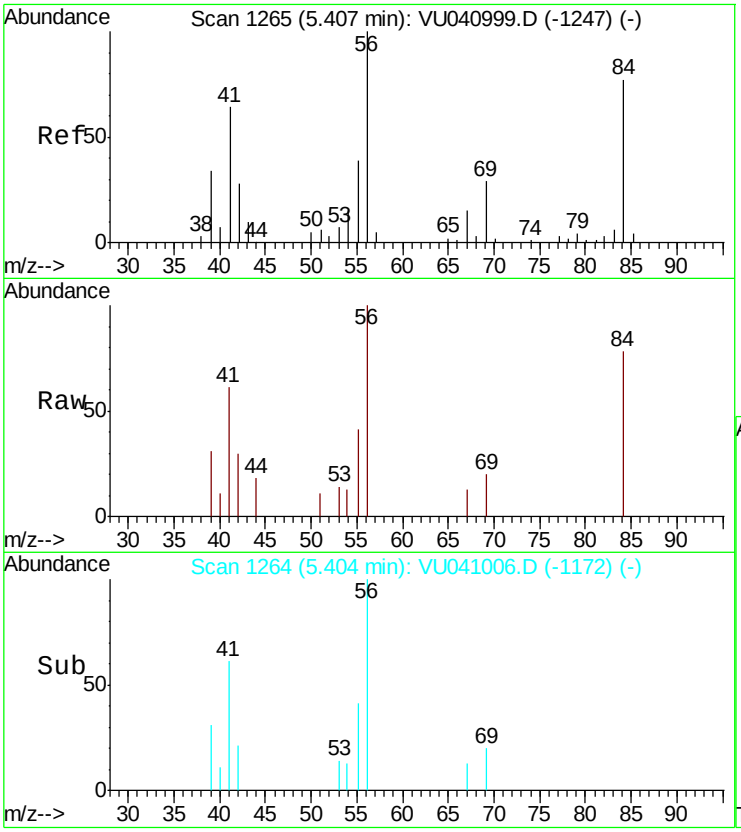


#29
1,1,1-Trichloroethane
Concen: 0.227 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 97 Resp: 3182

Ion	Ratio	Lower	Upper
97	100		
99	59.9	50.2	75.2
61	42.8	39.6	59.4



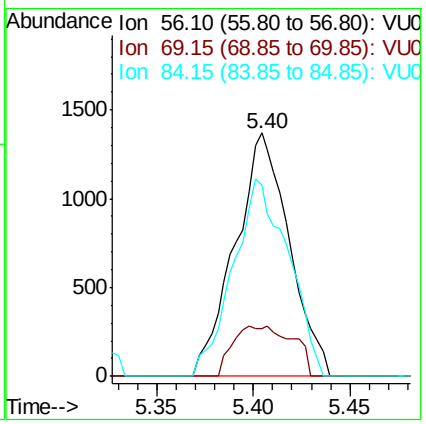


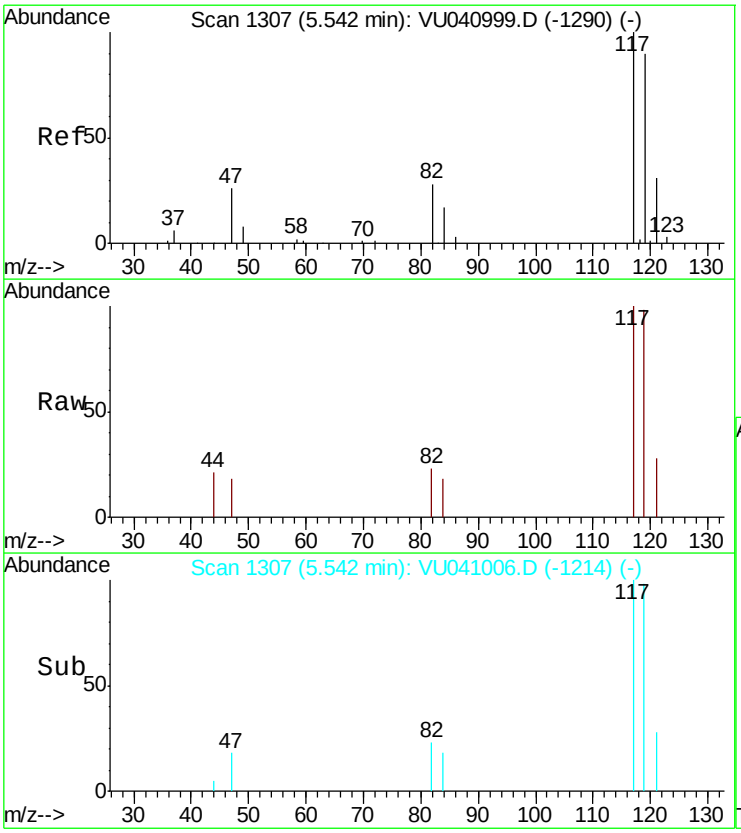
#30
Cyclohexane
Concen: 0.205 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Tgt Ion: 56 Resp: 2663

Ion	Ratio	Lower	Upper
56	100		
69	22.8	23.2	34.8#
84	82.8	62.9	94.3

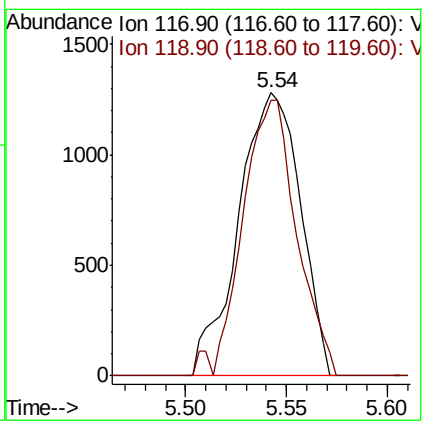


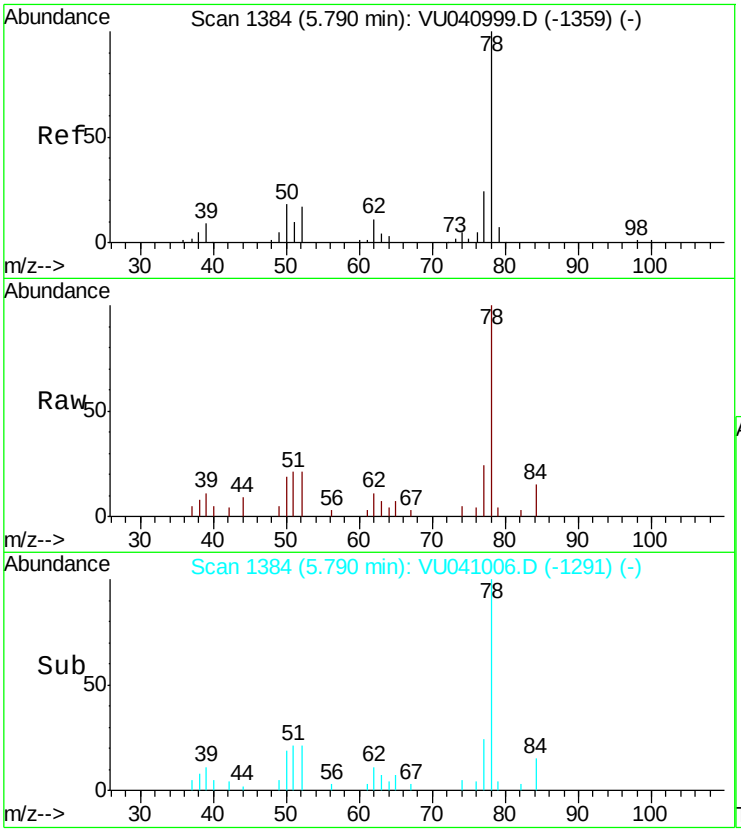


#31
Carbon tetrachloride
Concen: 0.228 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:117 Resp: 2730

Ion	Ratio	Lower	Upper
117	100		
119	85.7	74.4	111.6

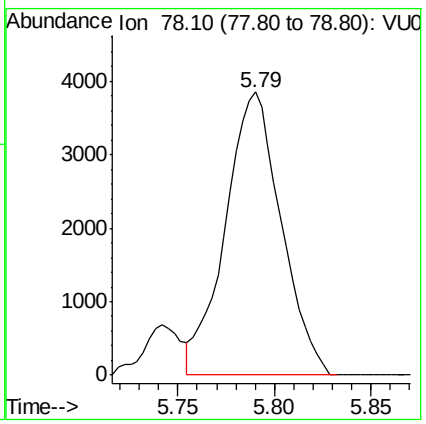


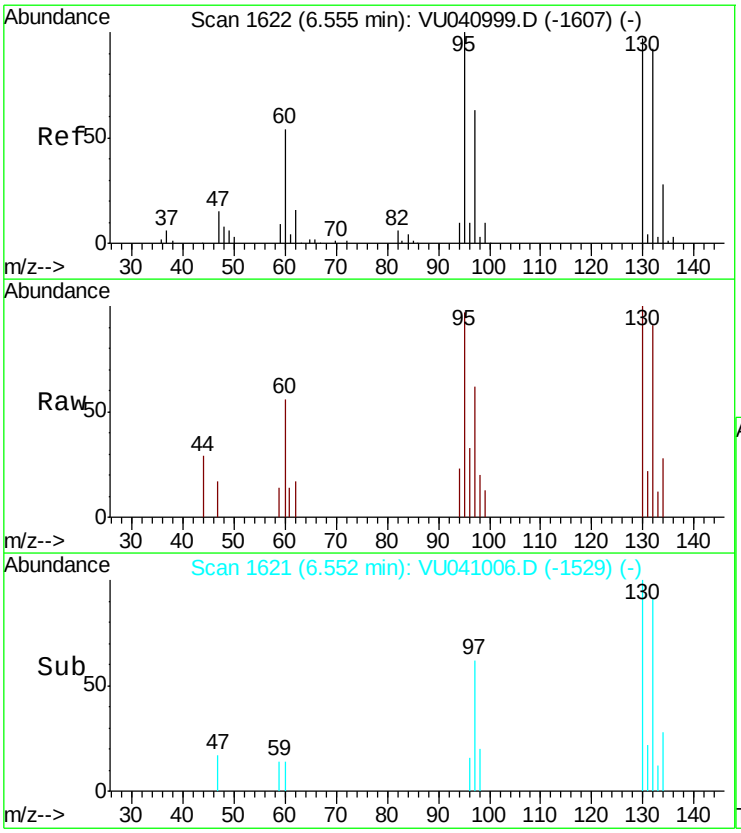


#33
Benzene
Concen: 0.235 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 78 Resp: 7718

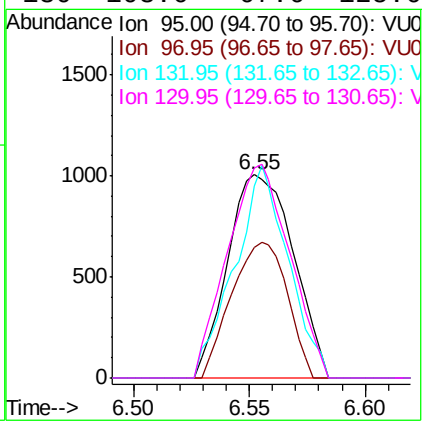


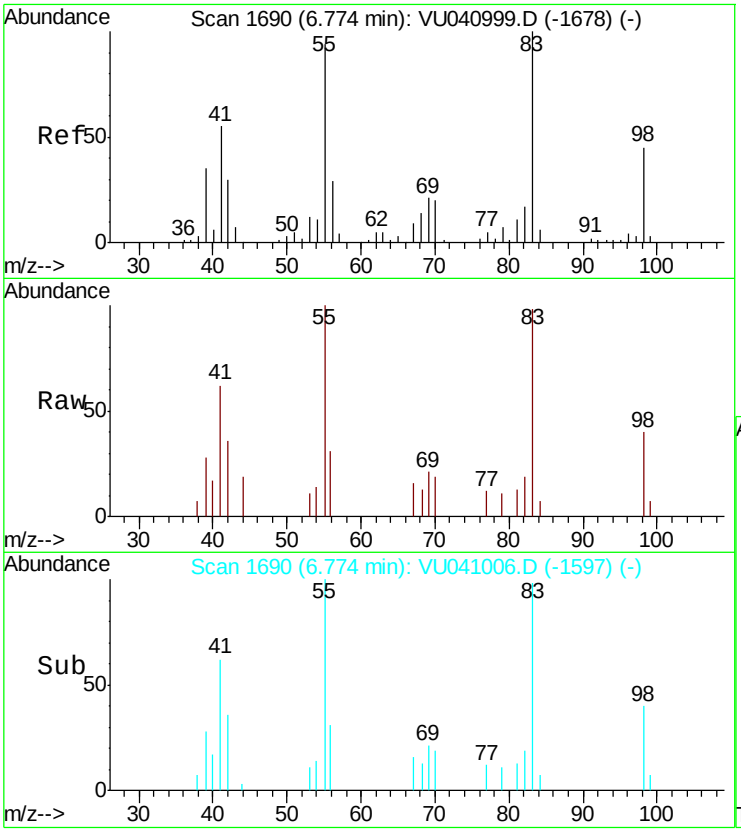


#34
Trichloroethene
Concen: 0.225 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 95 Resp: 1975

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.8	81.4
132	94.6	64.5	119.7
130	103.6	67.6	125.6



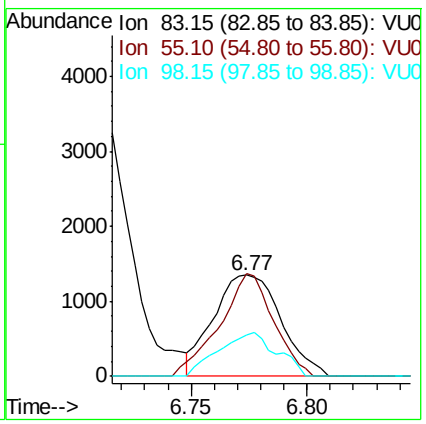


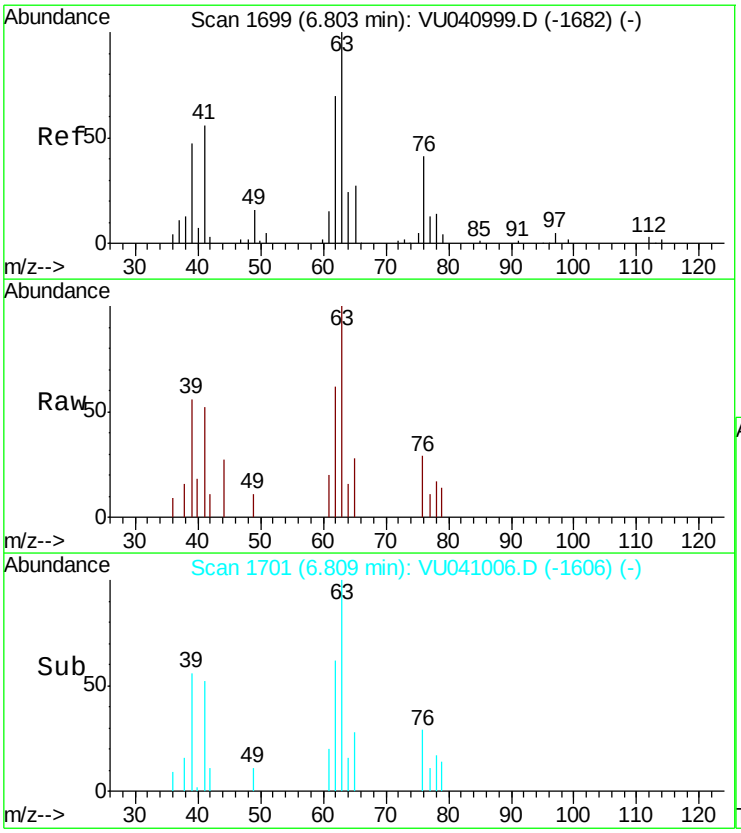
#35
Methylcyclohexane
Concen: 0.224 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 83 Resp: 2733

Ion	Ratio	Lower	Upper
83	100		
55	80.6	72.7	109.1
98	36.9	35.7	53.5

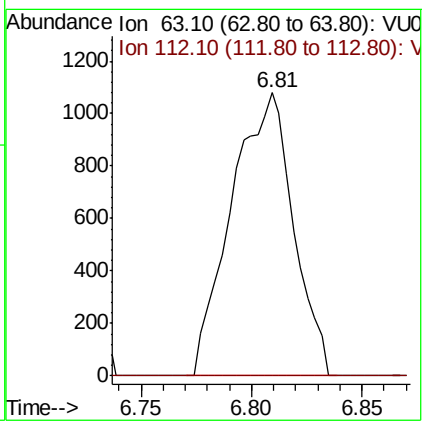


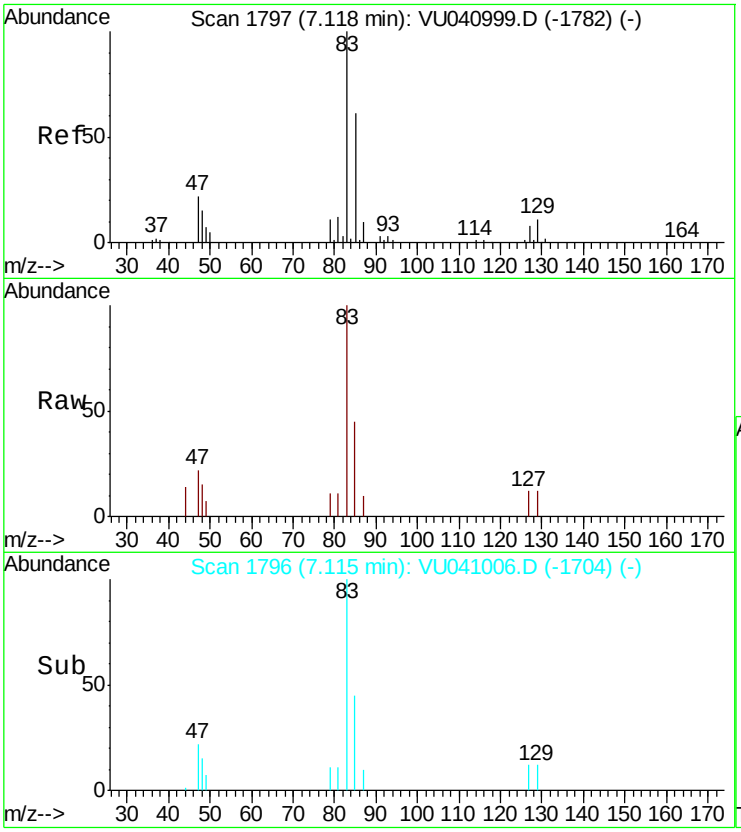


#37
1,2-Dichloropropane
Concen: 0.225 ug/L
RT: 6.81 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 63 Resp: 2098

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



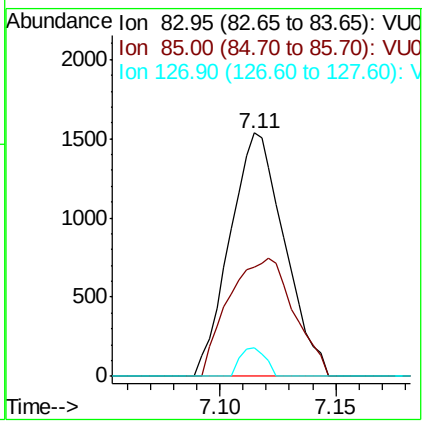


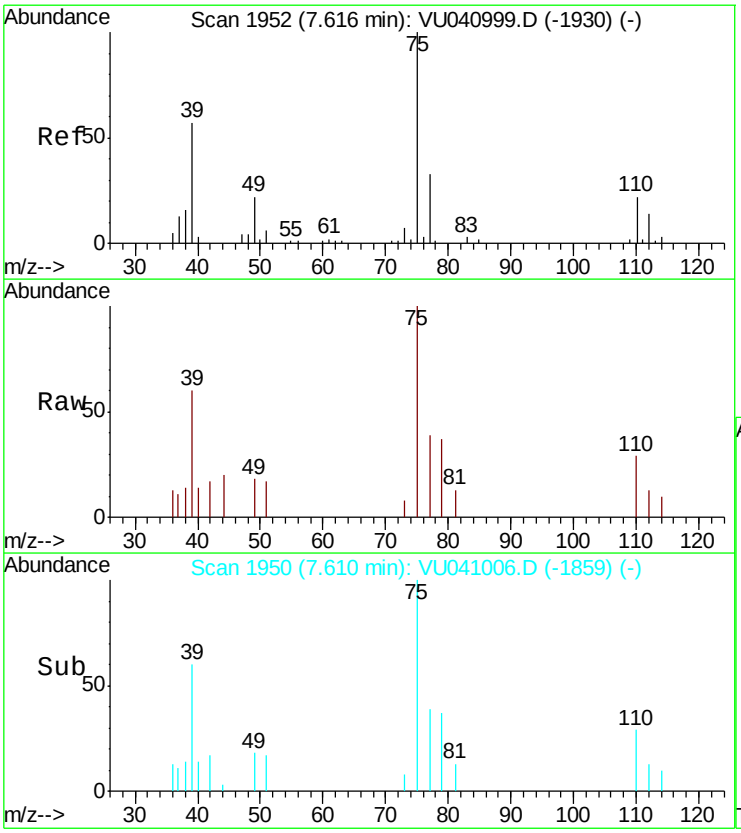
#38
Bromodichloromethane
Concen: 0.215 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 83 Resp: 2513

Ion	Ratio	Lower	Upper
83	100		
85	44.8	42.9	79.7
127	11.9	6.2	9.2#

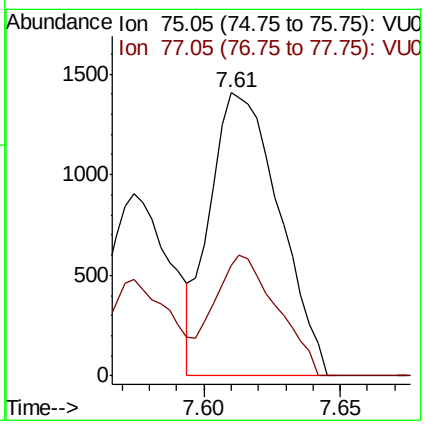


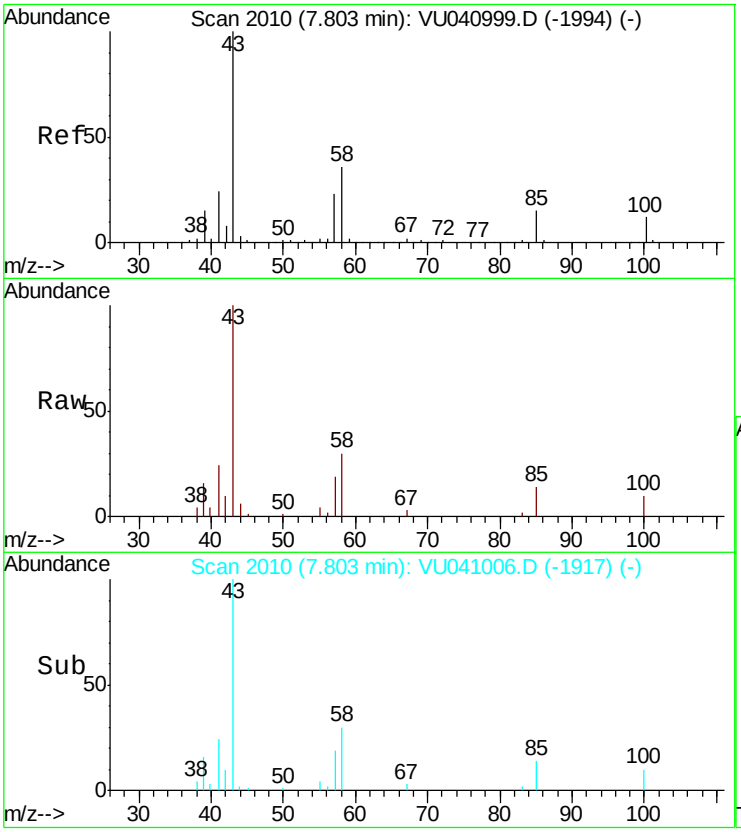


#39
cis-1,3-Dichloropropene
Concen: 0.201 ug/L
RT: 7.61 min Scan# 1950
Delta R.T. -0.01 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 75 Resp: 2489

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.7	42.3



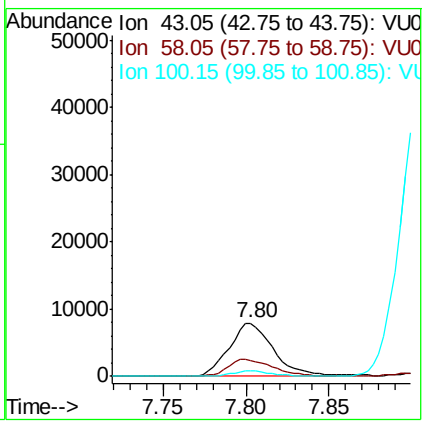


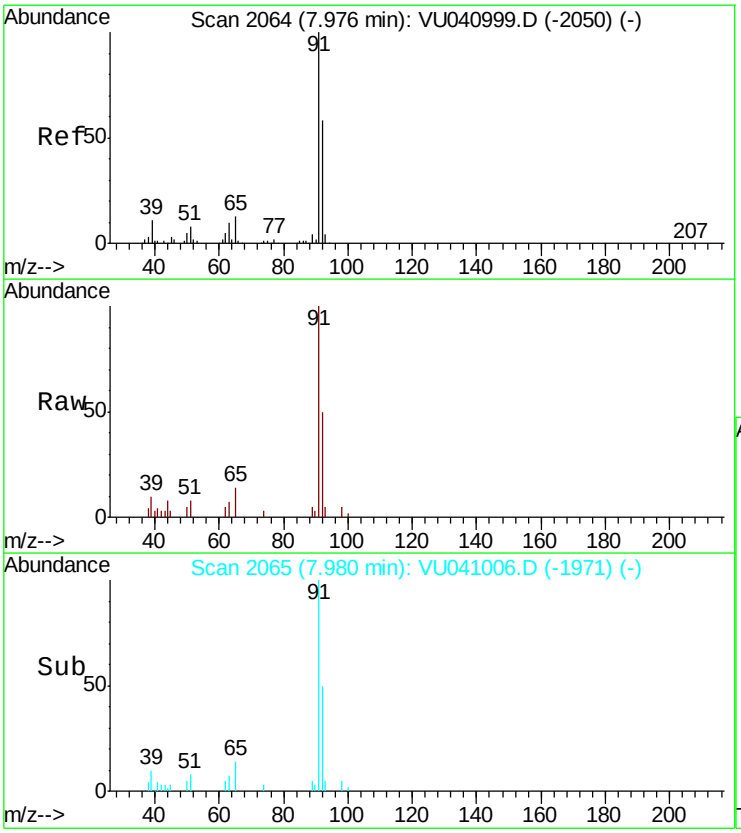
#40
4-Methyl-2-pentanone
Concen: 2.088 ug/L
RT: 7.80 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 43 Resp: 14728

Ion	Ratio	Lower	Upper
43	100		
58	32.1	28.6	43.0
100	0.0	9.6	14.4#

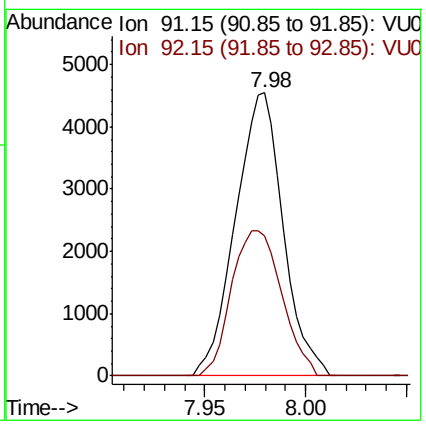


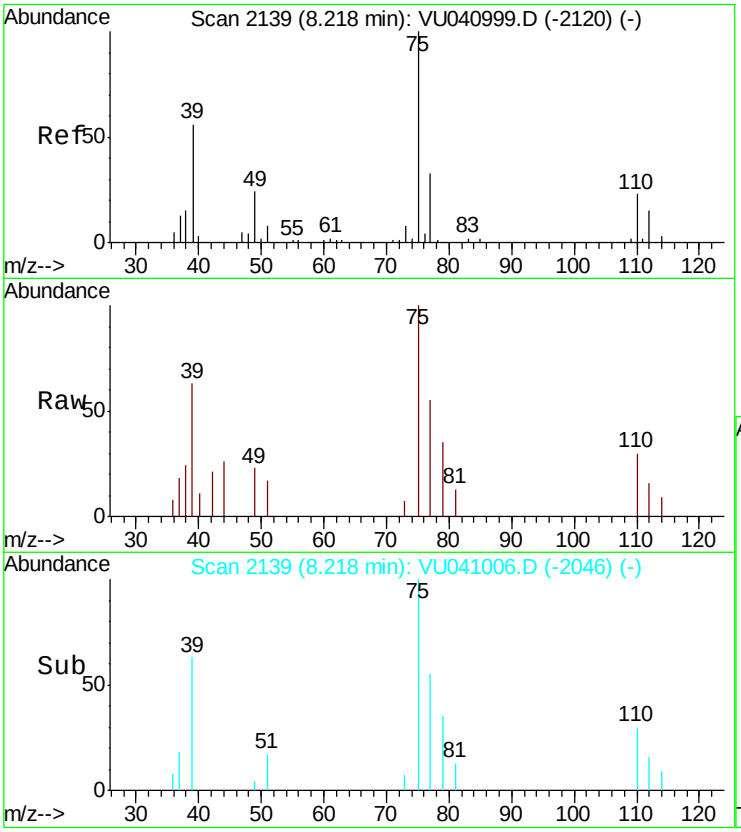


#42
Toluene
Concen: 0.226 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 91 Resp: 7520

Ion	Ratio	Lower	Upper
91	100		
92	49.5	40.5	75.1



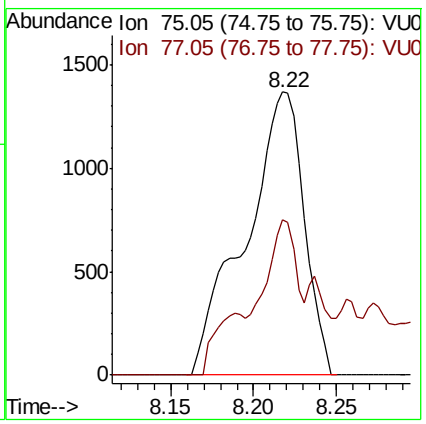


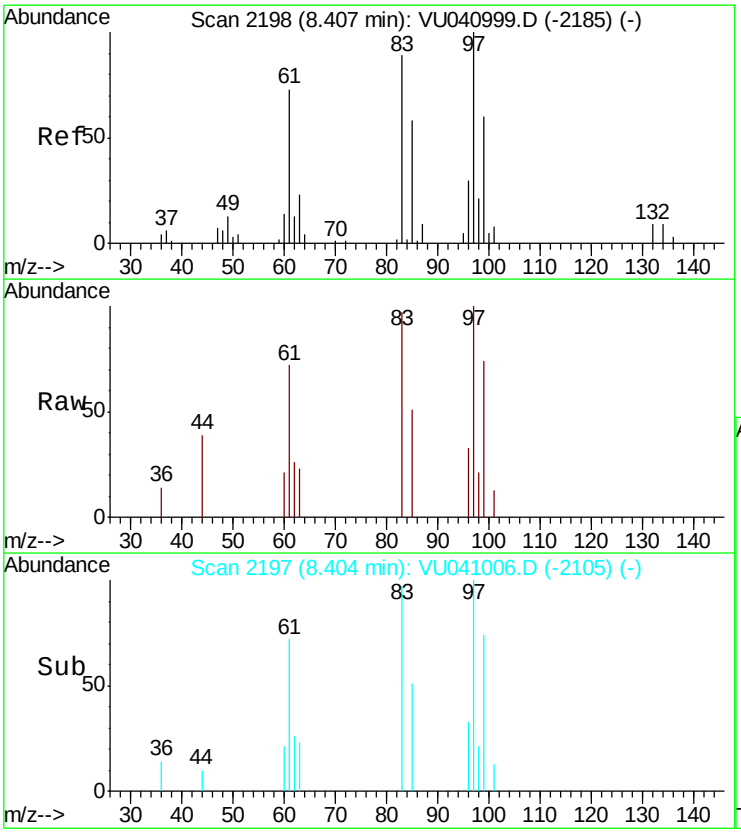
#44
trans-1,3-Dichloropropene
Concen: 0.292 ug/L
RT: 8.22 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 75 Resp: 3363

Ion	Ratio	Lower	Upper
75	100		
77	54.8	23.0	42.6#

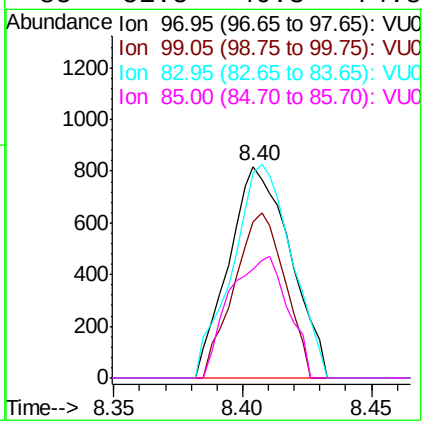


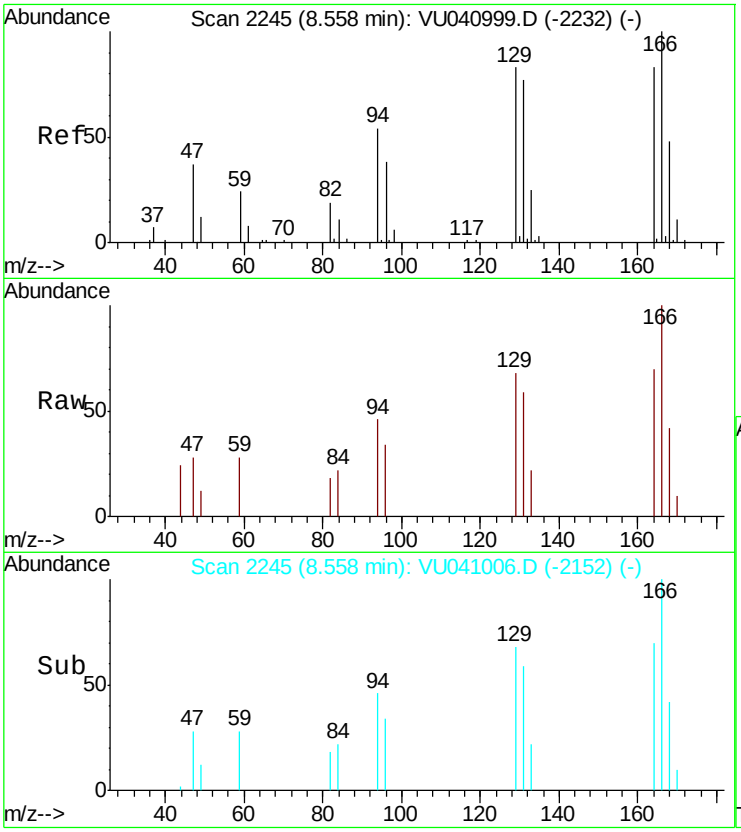


#45
1,1,2-Trichloroethane
Concen: 0.204 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 97 Resp: 1359

Ion	Ratio	Lower	Upper
97	100		
99	73.8	41.8	77.6
83	97.1	62.2	115.6
85	51.5	40.3	74.8



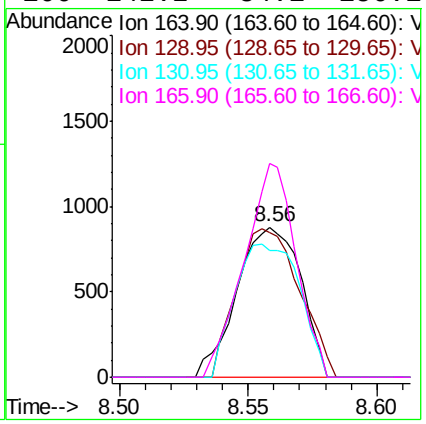


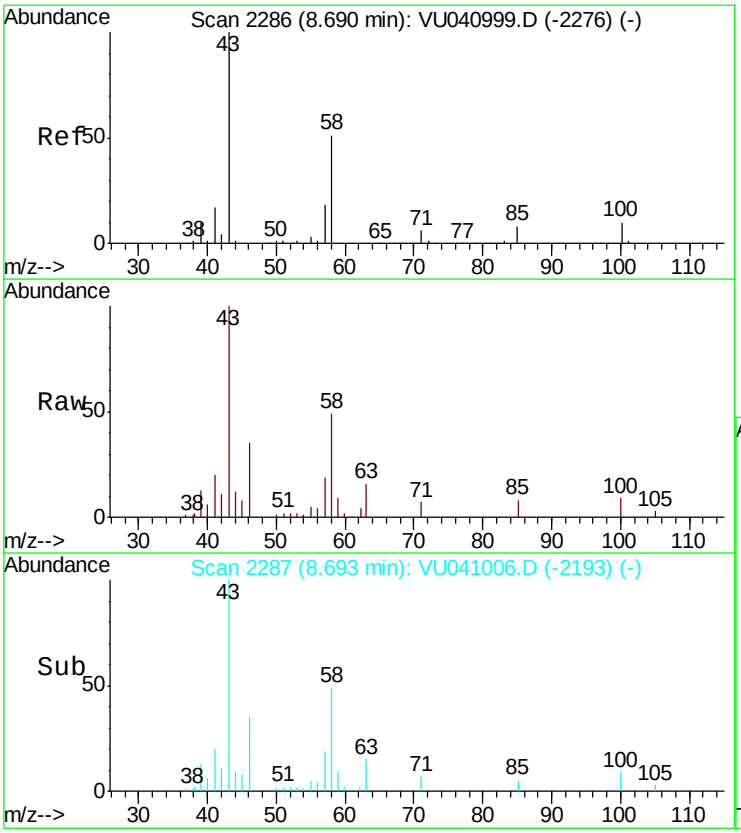
#47
Tetrachloroethene
Concen: 0.251 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:164 Resp: 1521

Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.9	129.7
131	84.3	65.0	120.6
166	142.2	84.1	156.1

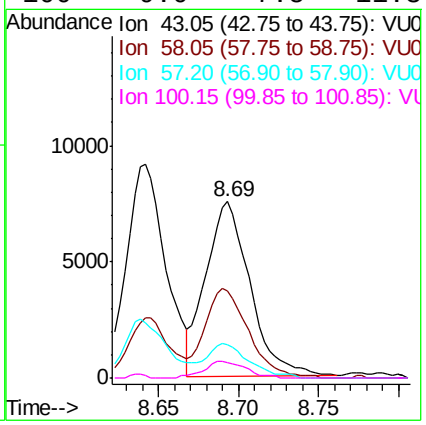


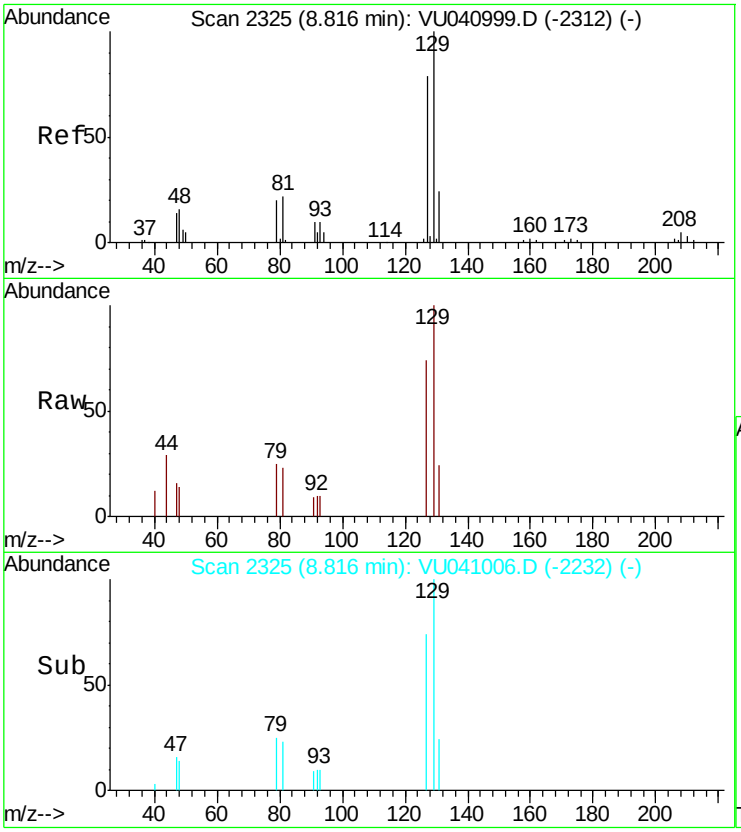


#48
2-Hexanone
Concen: 2.701 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 43 Resp: 14296

Ion	Ratio	Lower	Upper
43	100		
58	50.8	39.9	59.9
57	19.4	14.1	21.1
100	9.0	7.5	11.3



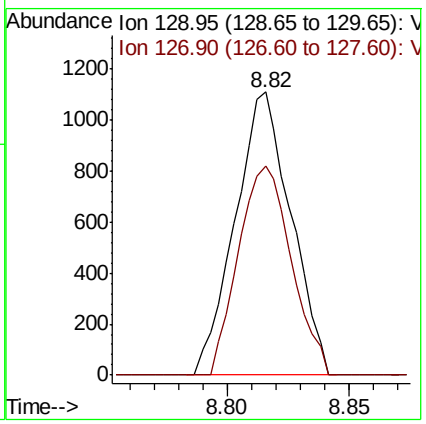


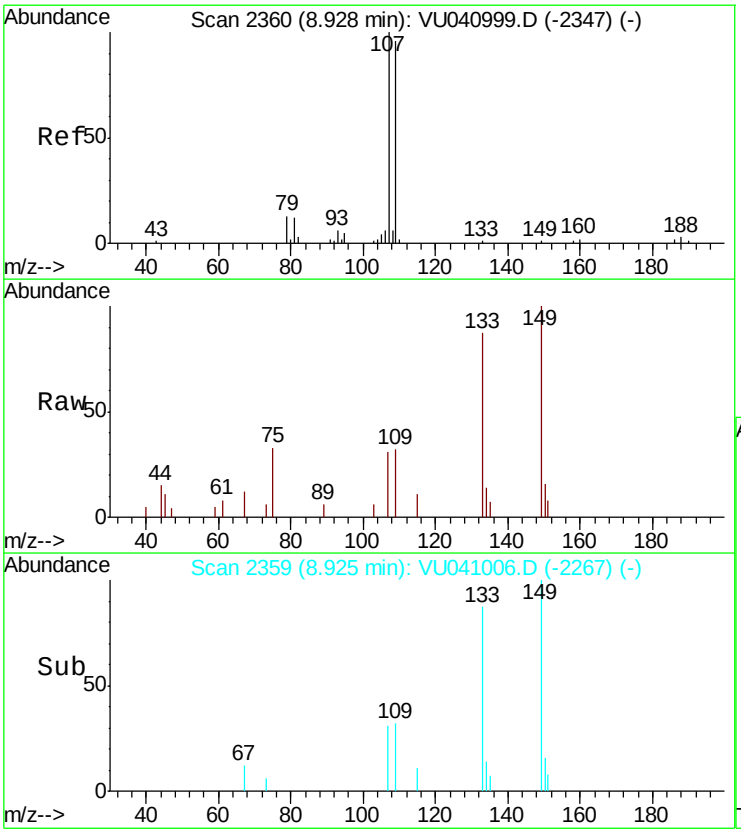
#49
Dibromochloromethane
Concen: 0.228 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:129 Resp: 1757

Ion	Ratio	Lower	Upper
129	100		
127	73.7	55.3	102.7

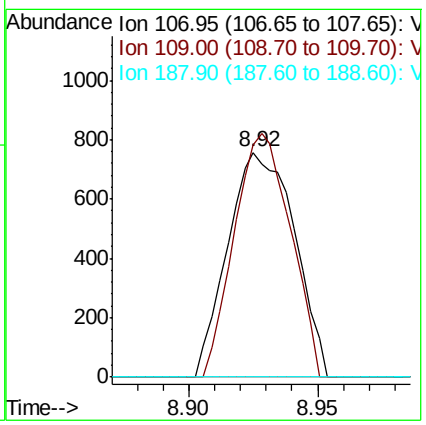


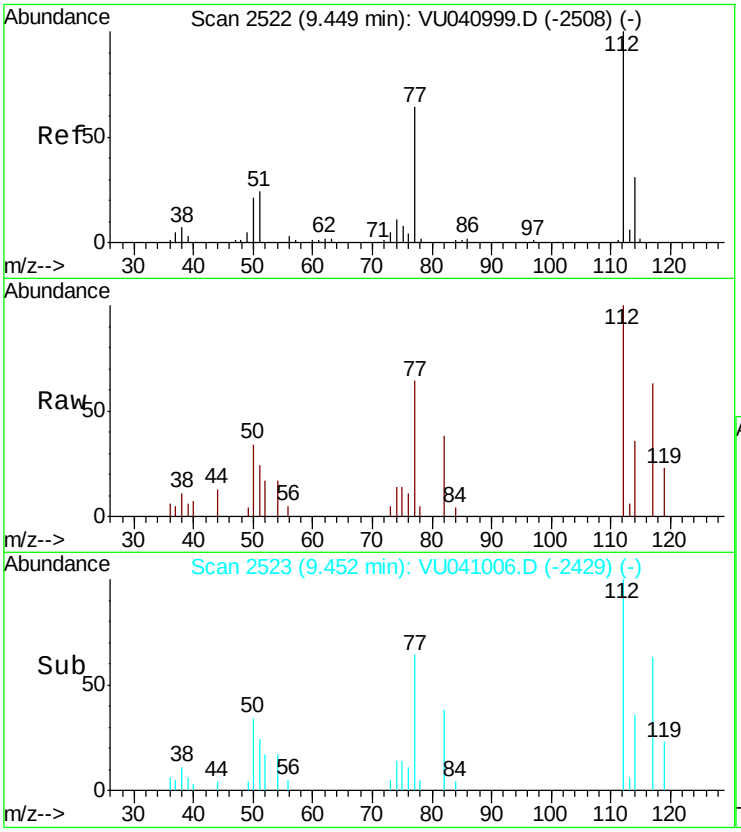


#50
1,2-Dibromoethane
Concen: 0.218 ug/L
RT: 8.92 min Scan# 2359
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:107 Resp: 1364

Ion	Ratio	Lower	Upper
107	100		
109	103.0	67.1	124.5
188	0.0	2.3	3.5#



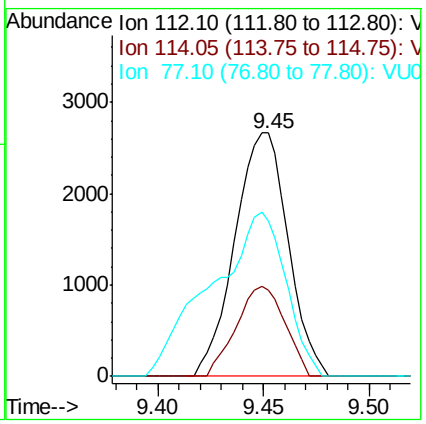


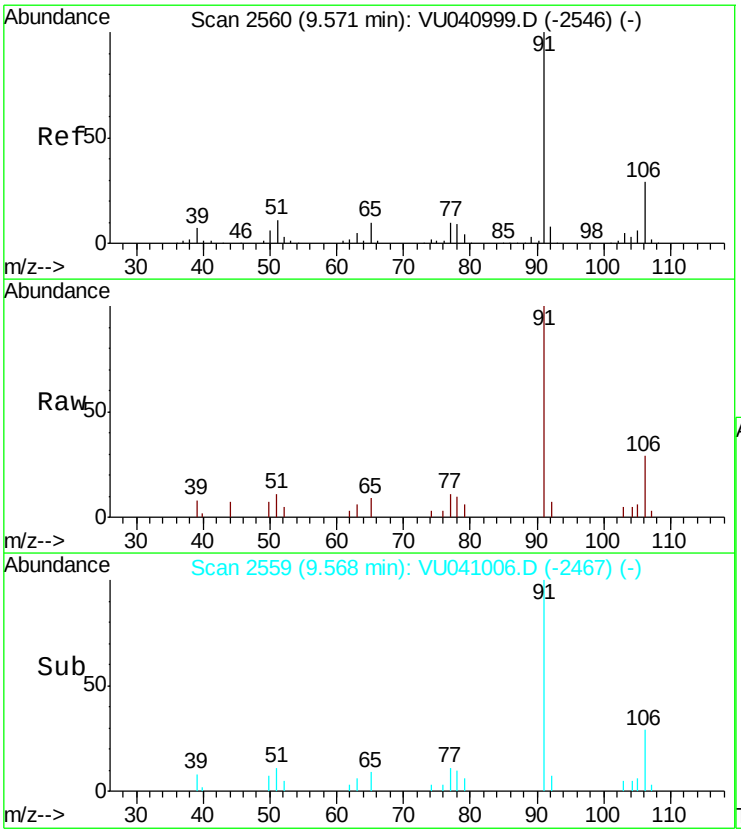
#51
Chlorobenzene
Concen: 0.219 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Tgt Ion:112 Resp: 4677

Ion	Ratio	Lower	Upper
112	100		
114	35.5	21.9	40.7
77	63.8	51.4	77.2

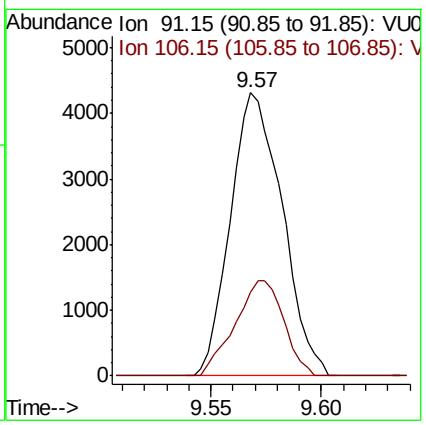


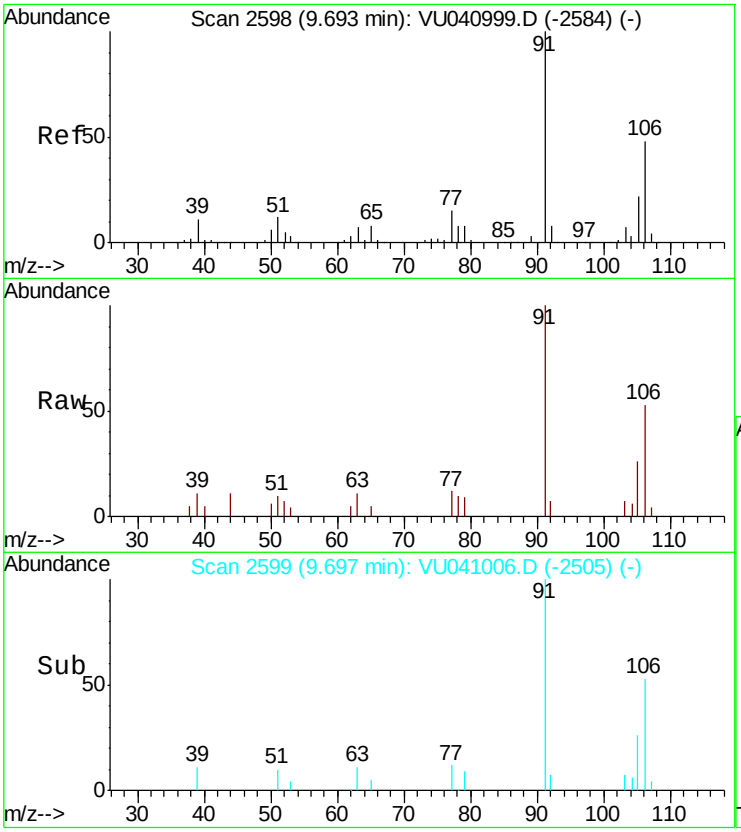


#52
Ethylbenzene
Concen: 0.204 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 91 Resp: 7042

Ion	Ratio	Lower	Upper
91	100		
106	29.4	20.6	38.4



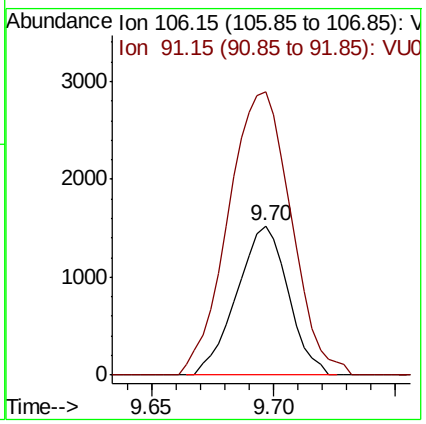


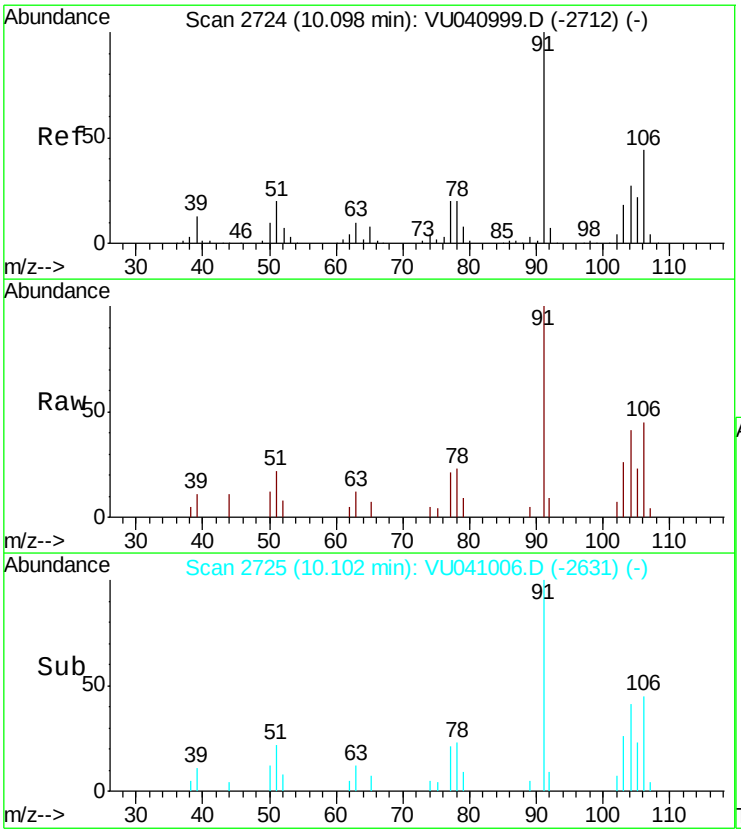
#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:106 Resp: 2227

Ion	Ratio	Lower	Upper
106	100		
91	190.0	147.6	274.0

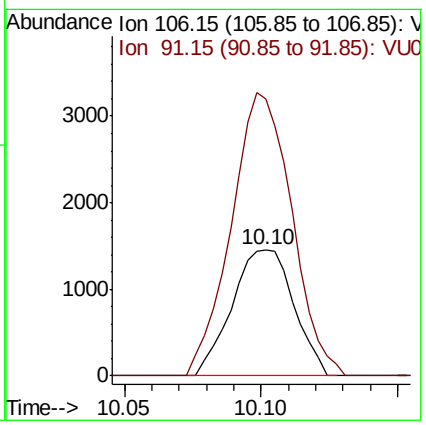


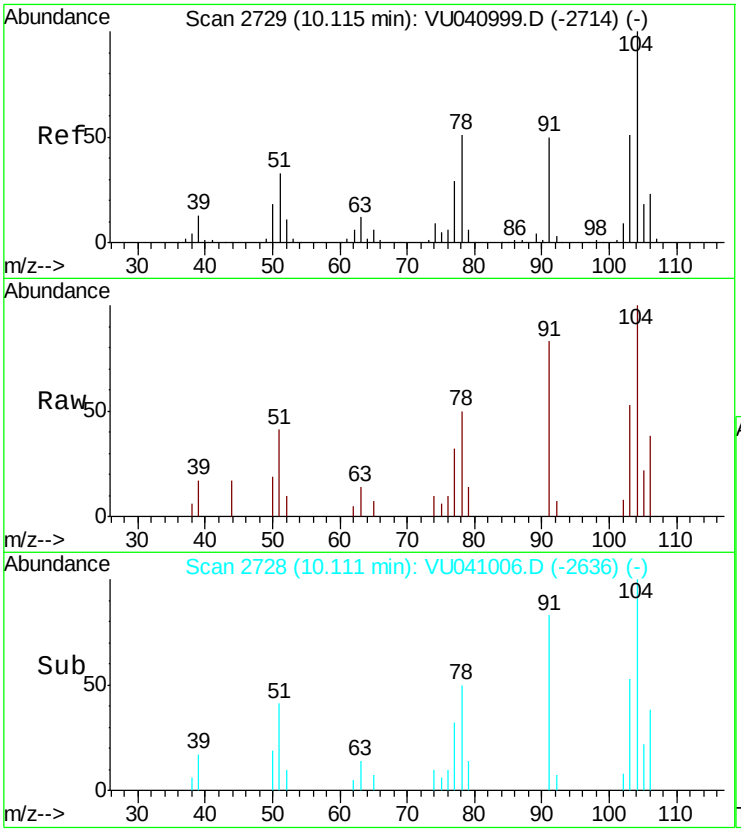


#54
o-Xylene
Concen: 0.191 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:106 Resp: 2284

Ion	Ratio	Lower	Upper
106	100		
91	220.0	158.3	294.1



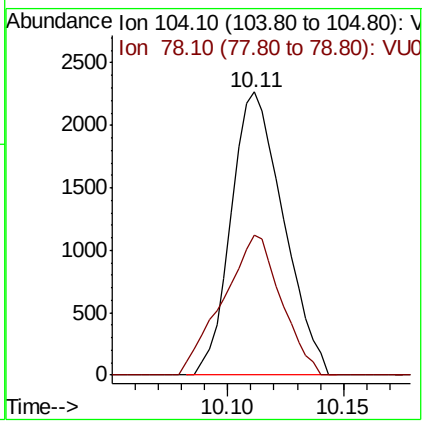


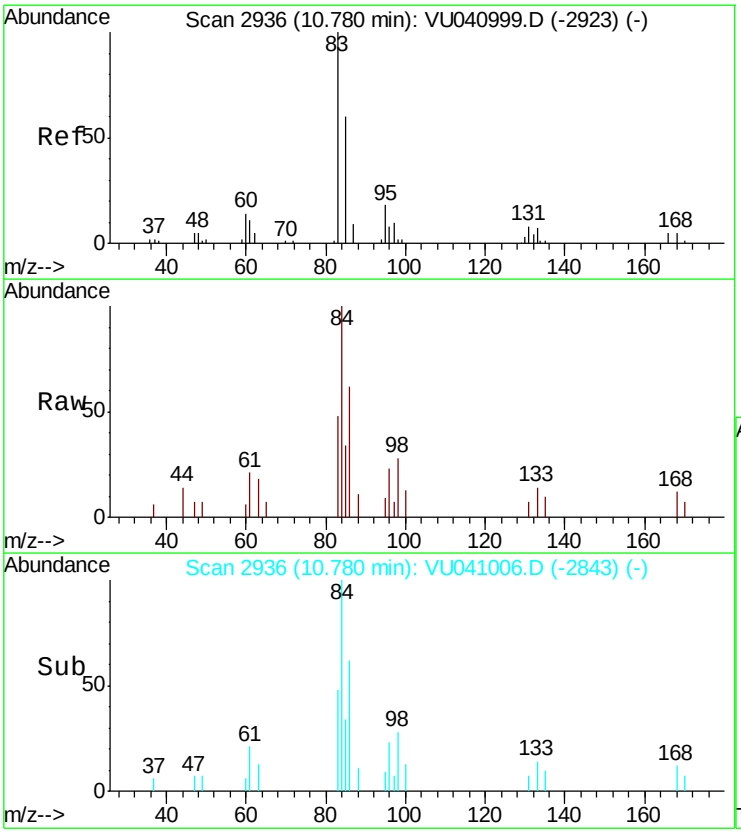
#55
Stvrene
Concen: 0.171 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:104 Resp: 3546

Ion	Ratio	Lower	Upper
104	100		
78	49.6	35.6	66.2

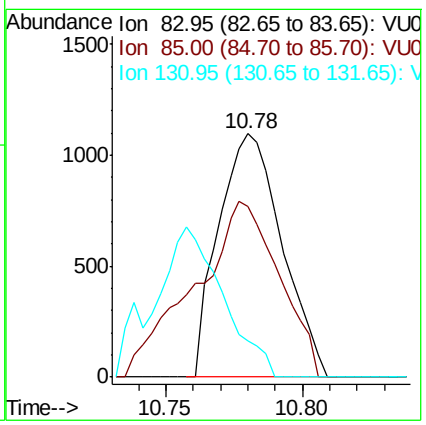


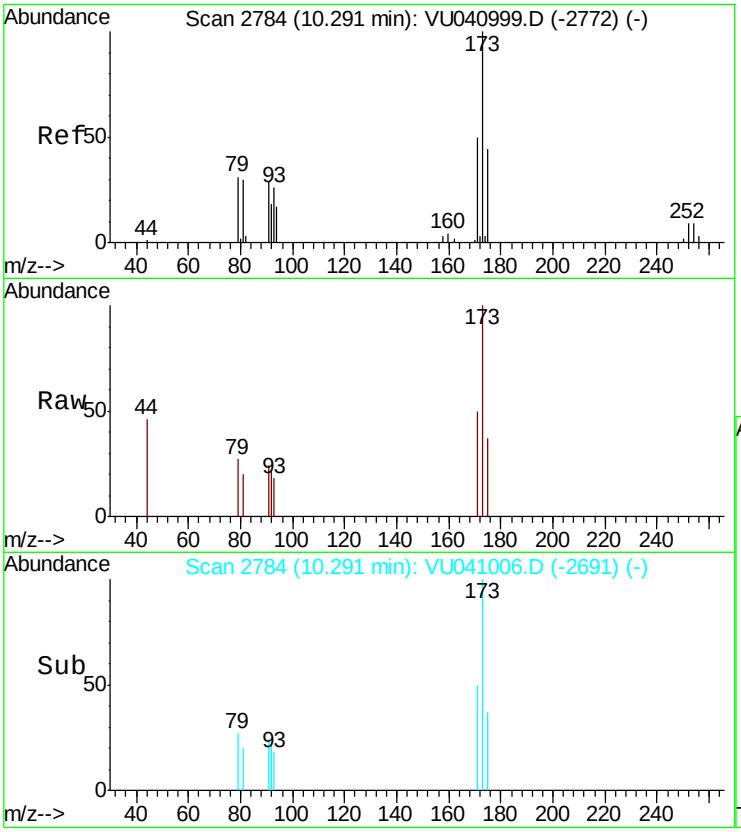


#57
1,1,2,2-Tetrachloroethane
Concen: 0.206 ug/L
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion: 83 Resp: 1770

Ion	Ratio	Lower	Upper
83	100		
85	70.2	42.1	78.3
131	14.7	6.7	10.1#



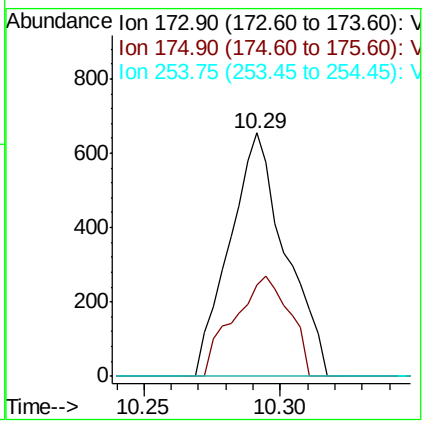


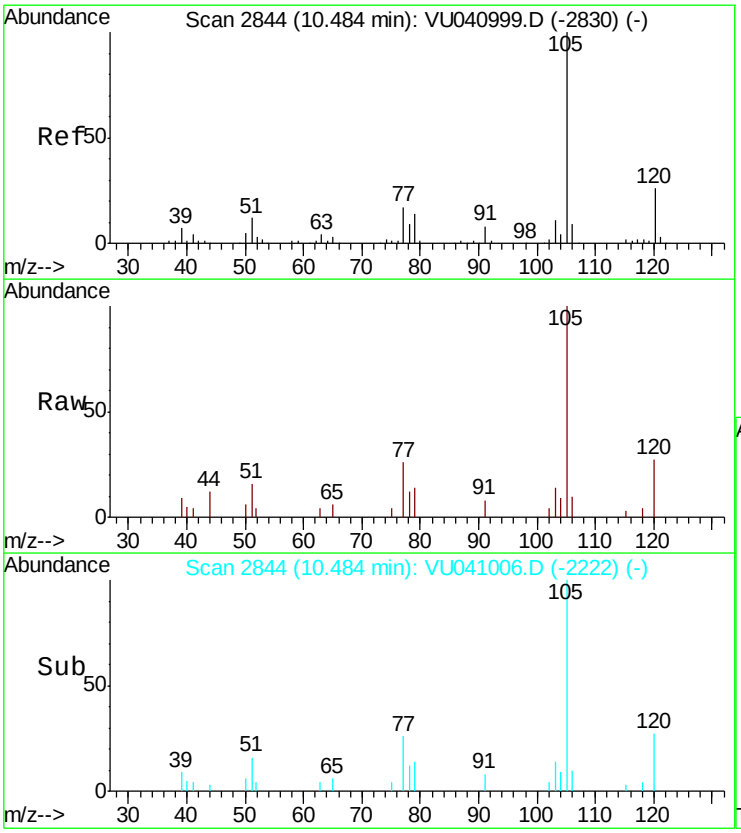
#59
Bromoform
Concen: 0.244 ug/L
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:173 Resp: 928

Ion	Ratio	Lower	Upper
173	100		
175	40.9	36.7	55.1
254	0.0	6.5	9.7#

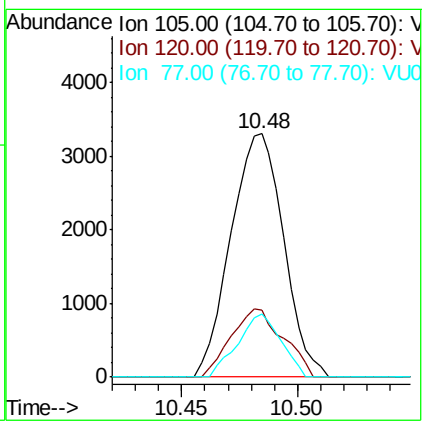


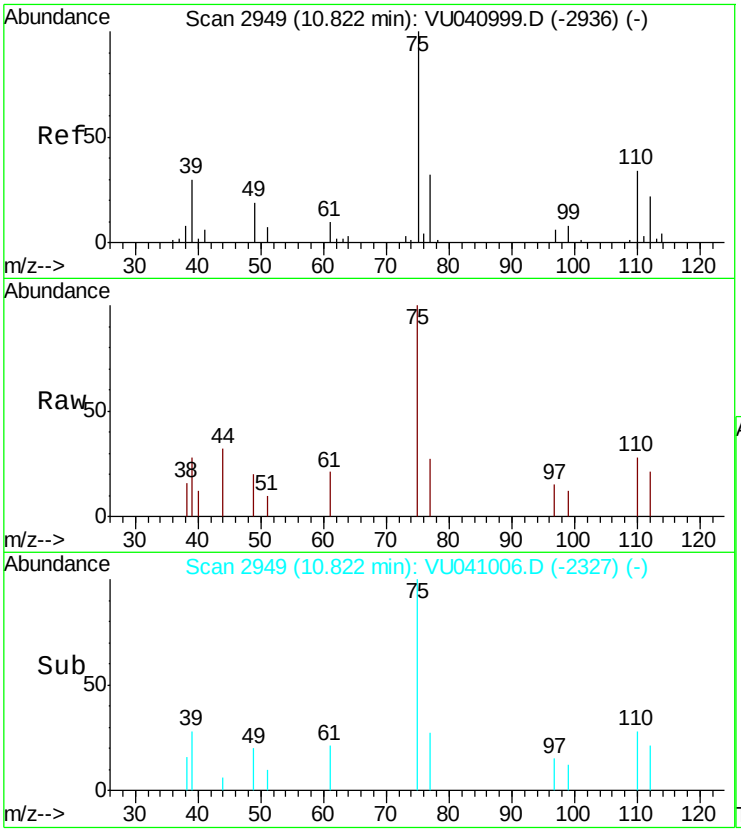


#60
Isopropylbenzene
Concen: 0.184 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:105 Resp: 5220

Ion	Ratio	Lower	Upper
105	100		
120	27.9	20.2	30.4
77	21.3	14.4	21.6



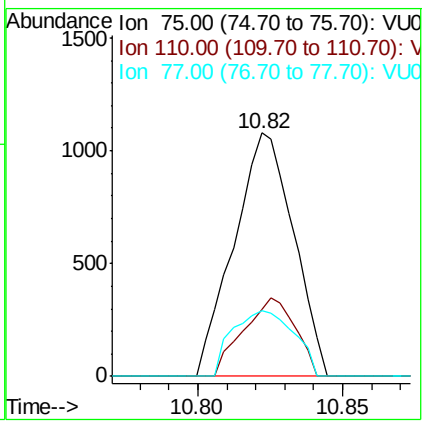


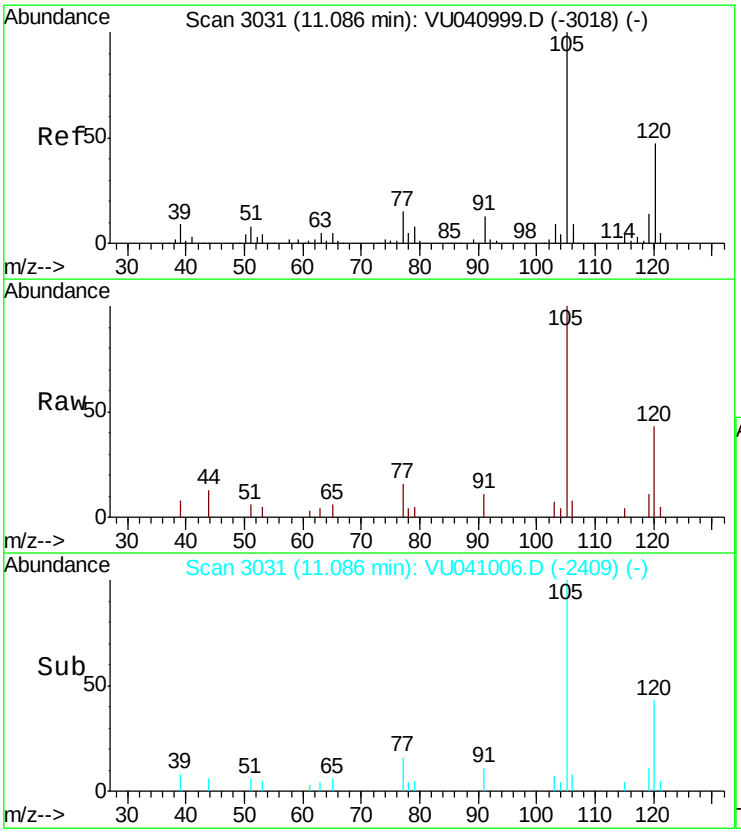
#61
1,2,3-Trichloropropane
Concen: 0.262 ug/L
RT: 10.82 min Scan# 2949
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 75 Resp: 1538

Ion	Ratio	Lower	Upper
75	100		
110	28.2	27.5	41.3
77	27.8	24.9	37.3

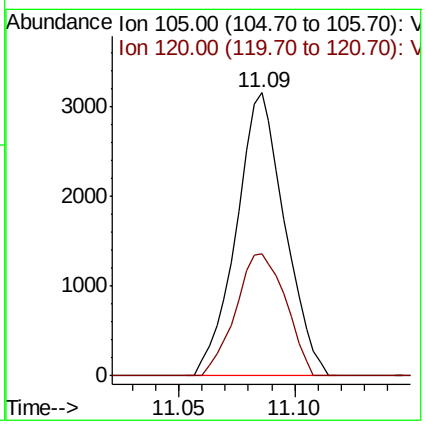


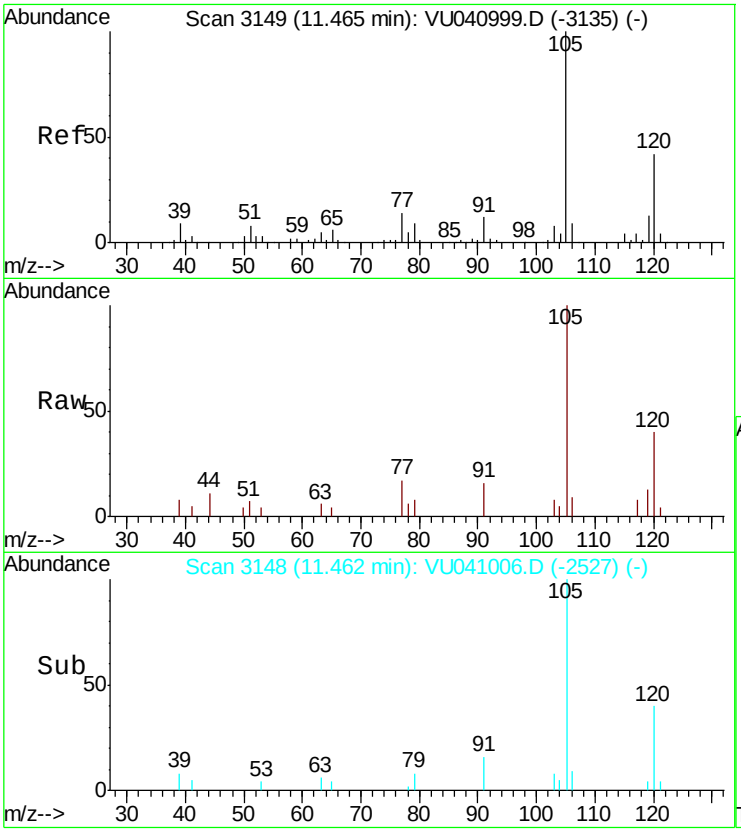


#62
1,3,5-Trimethylbenzene
Concen: 0.202 ug/L
RT: 11.09 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:105 Resp: 4576

Ion	Ratio	Lower	Upper
105	100		
120	44.3	38.0	57.0



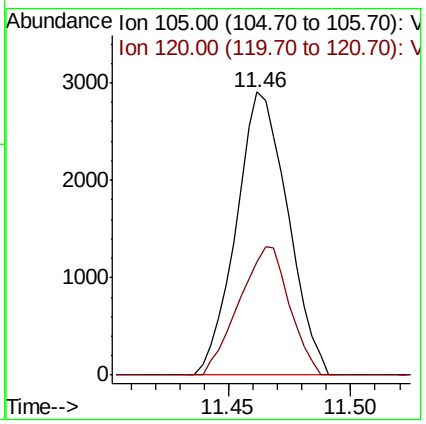


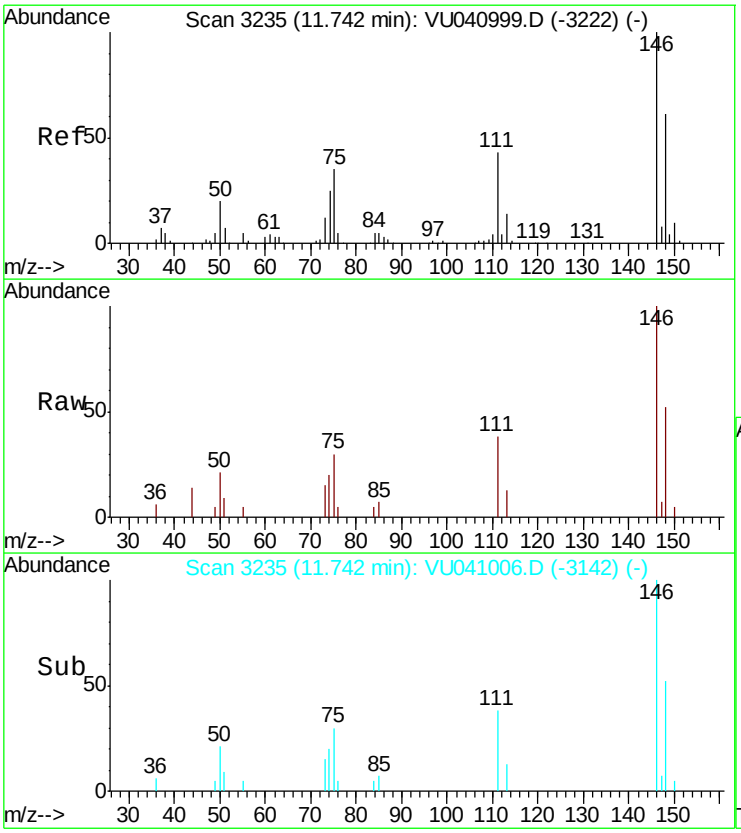
#63
1,2,4-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.46 min Scan# 3148
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:105 Resp: 4265

Ion	Ratio	Lower	Upper
105	100		
120	44.2	34.6	52.0

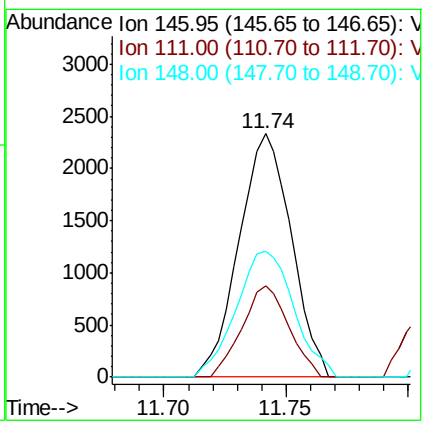


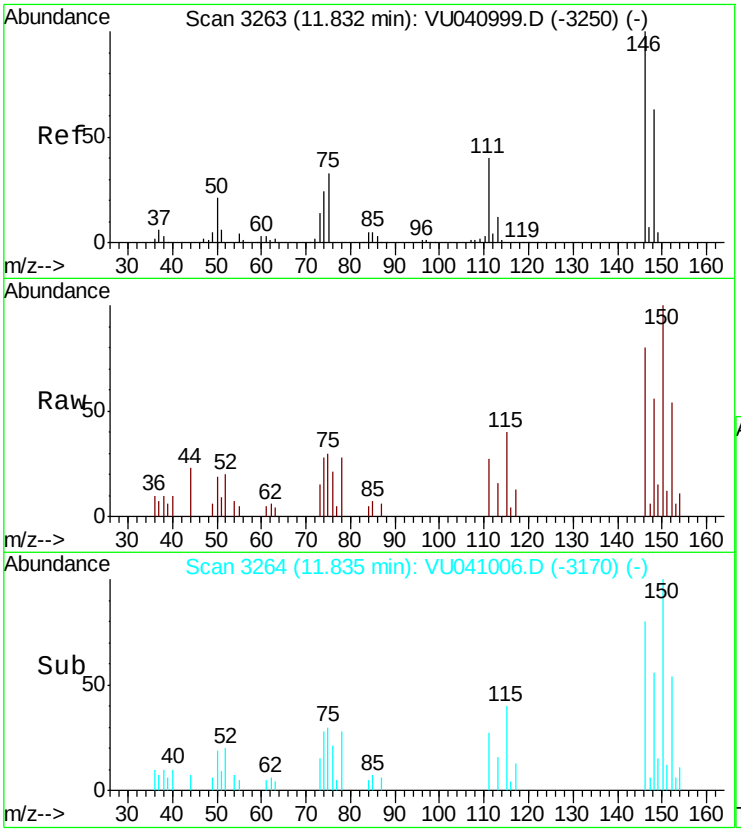


#64
1,3-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:146 Resp: 3464

Ion	Ratio	Lower	Upper
146	100		
111	37.6	30.2	56.0
148	51.5	42.9	79.7



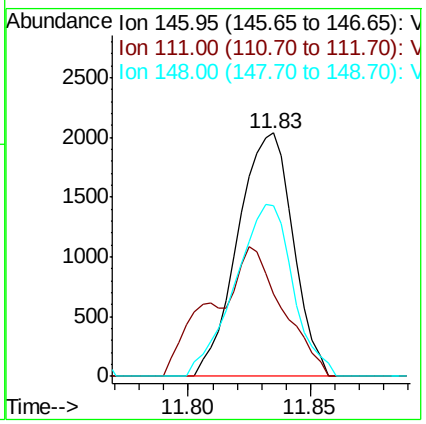


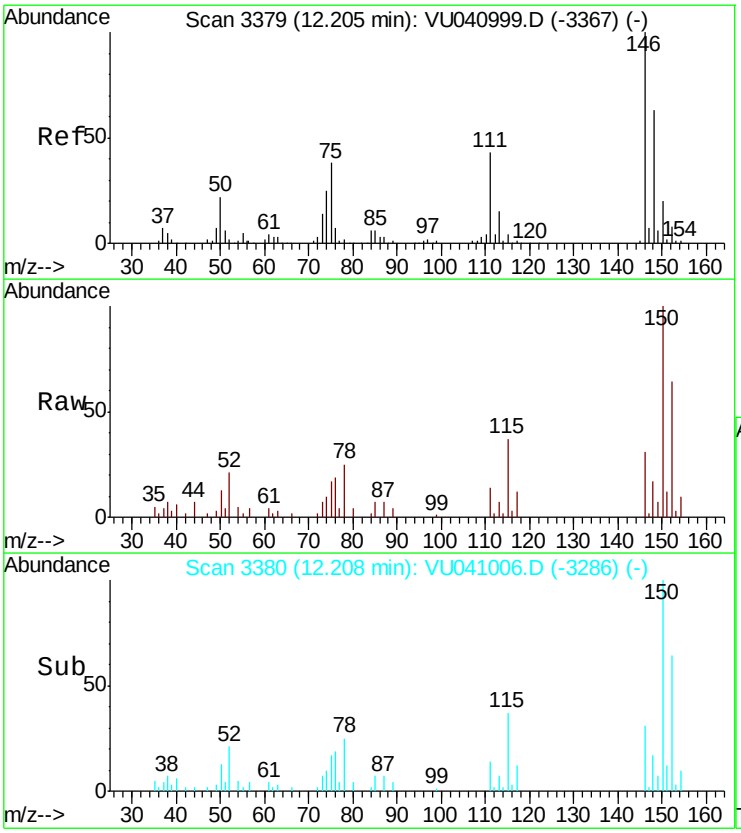
#65
1,4-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:146 Resp: 3204

Ion	Ratio	Lower	Upper
146	100		
111	33.9	28.3	52.7
148	70.3	44.1	81.9

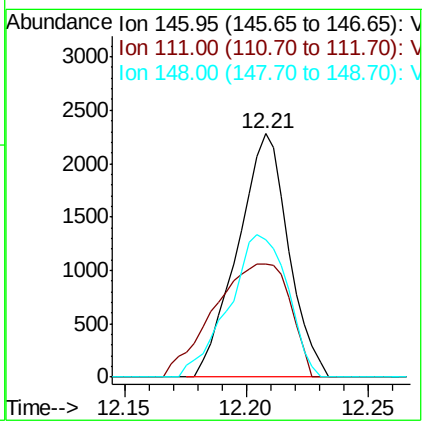


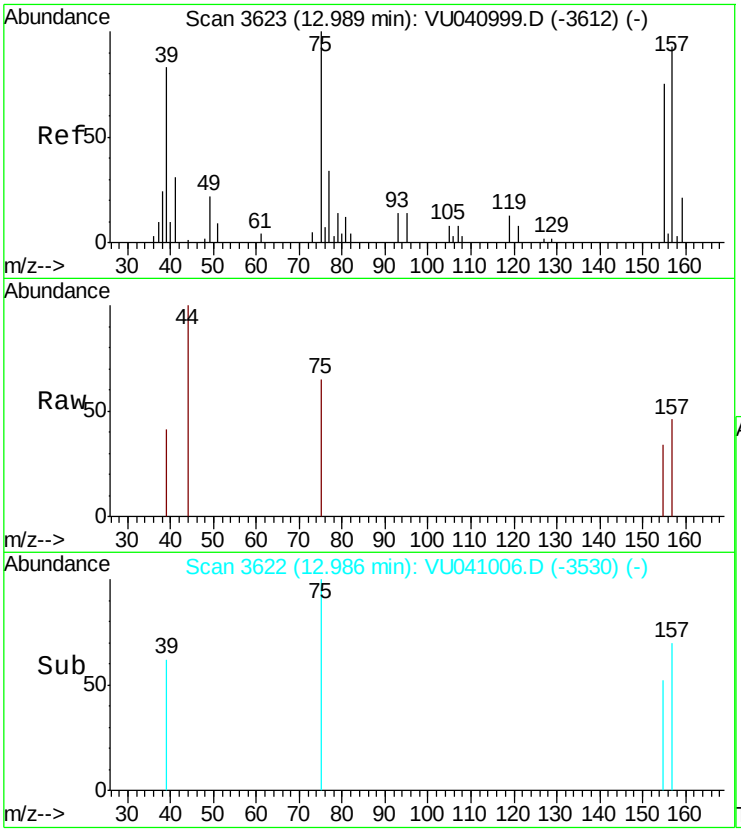


#67
1,2-Dichlorobenzene
Concen: 0.241 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:146 Resp: 3297

Ion	Ratio	Lower	Upper
146	100		
111	46.6	34.7	52.1
148	56.2	50.7	76.1



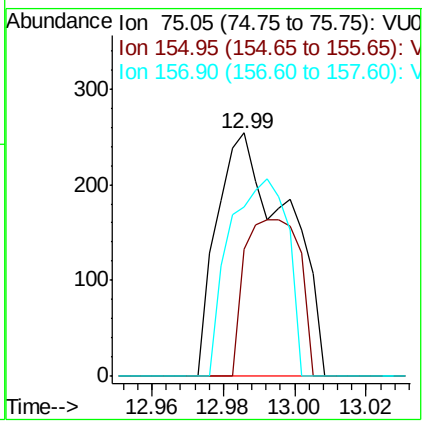


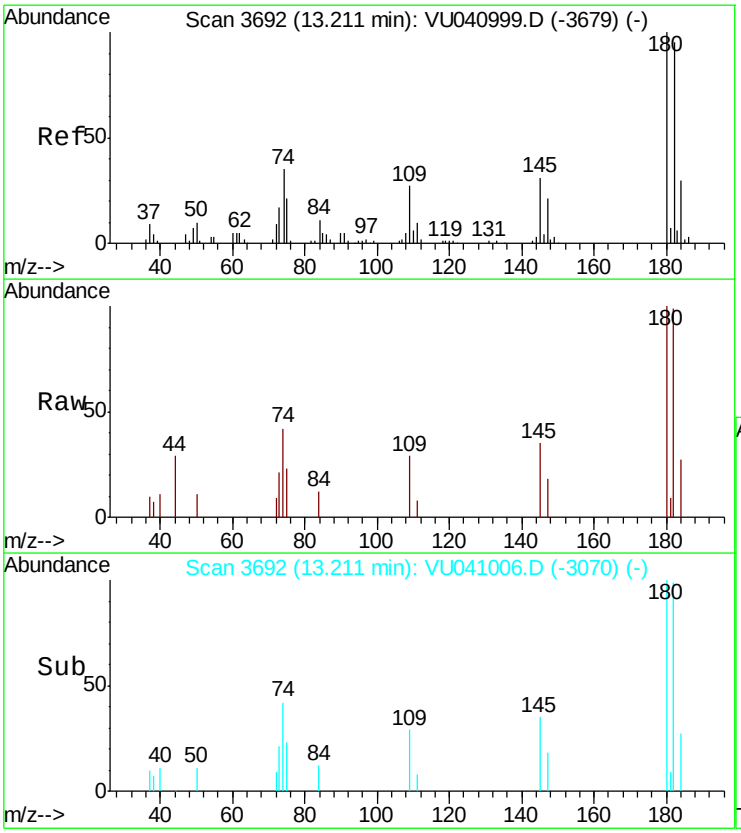
#68
1,2-Dibromo-3-chloropropane
Concen: 0.255 ug/L
RT: 12.99 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 75 Resp: 345

Ion	Ratio	Lower	Upper
75	100		
155	52.0	60.2	90.2#
157	69.7	74.4	111.6#

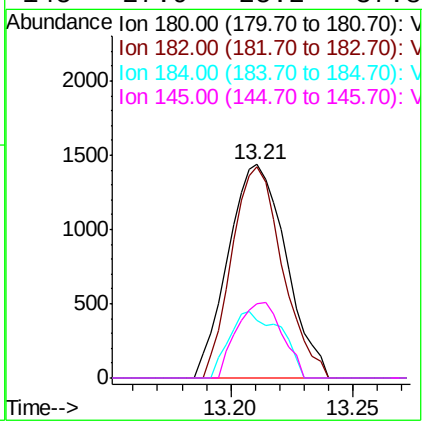


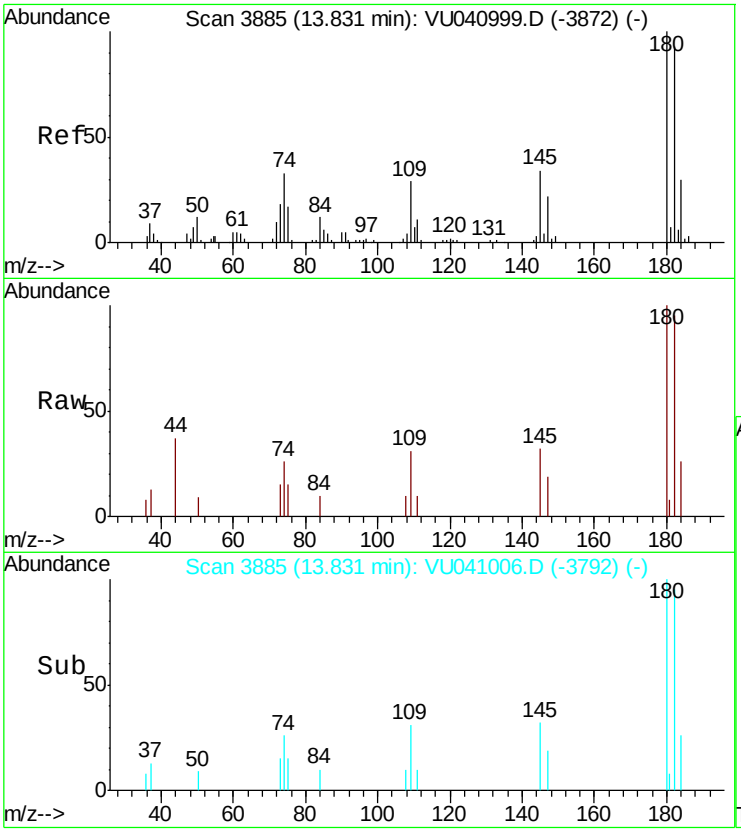


#69
1,3,5-Trichlorobenzene
Concen: 0.244 ug/L
RT: 13.21 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:180 Resp: 2362

Ion	Ratio	Lower	Upper
180	100		
182	86.5	76.9	115.3
184	27.8	23.8	35.8
145	27.9	25.2	37.8



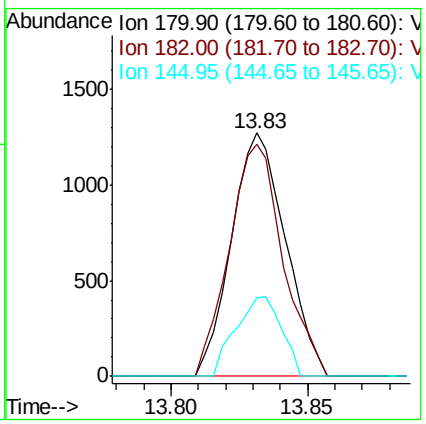


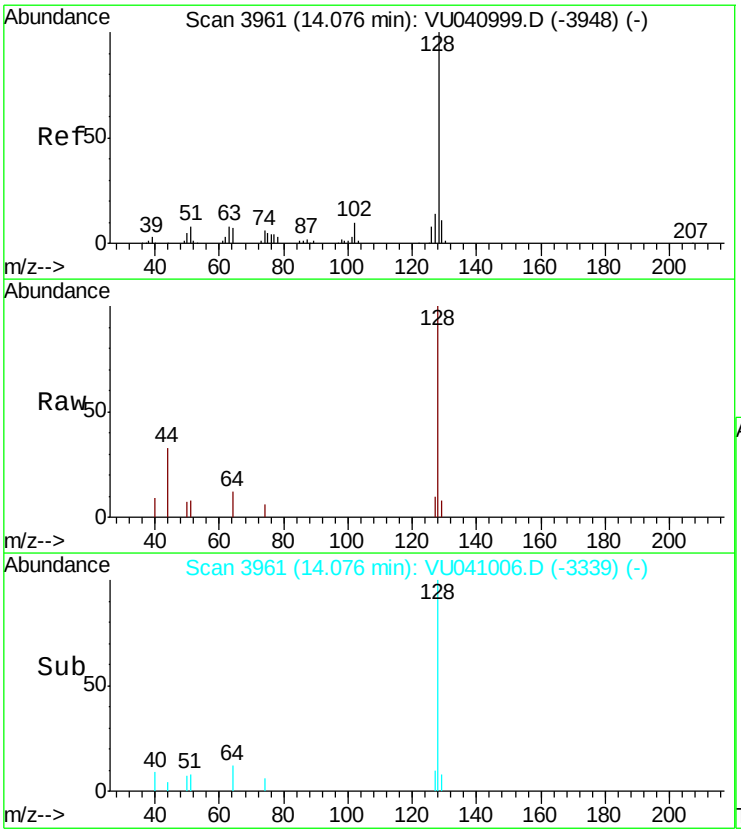
#70
1,2,4-trichlorobenzene
Concen: 0.214 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:180 Resp: 1743

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.5	111.7
145	27.7	26.6	39.8

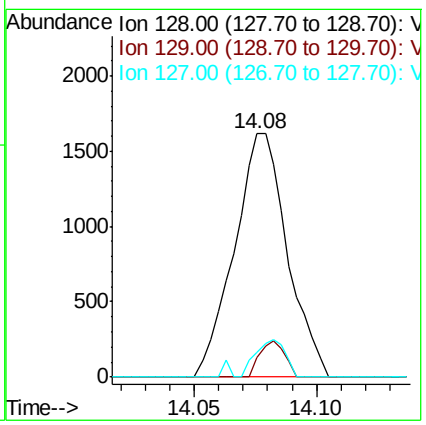


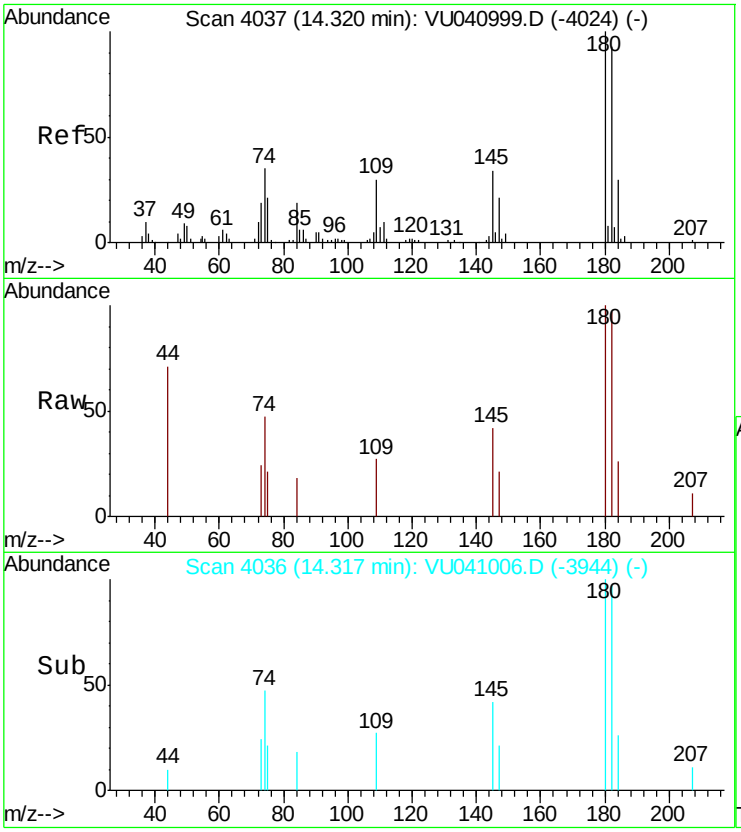


#71
Naphthalene
Concen: 0.170 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Tgt Ion:128 Resp: 2422

Ion	Ratio	Lower	Upper
128	100		
129	7.0	8.8	13.2#
127	8.5	11.2	16.8#





#72
1,2,3-Trichlorobenzene
Concen: 0.195 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU041006.D
Acq: 28 Oct 2020 20:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion:180 Resp: 1488

Ion	Ratio	Lower	Upper
180	100		
182	103.5	76.7	115.1
145	38.0	27.4	41.0