Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041005.D
Acq On : 28 Oct 2020 20:25
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Quant Time: Oct 29 02:07:12 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	115508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115921	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	50096	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36465	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.92	69	31608	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.58	65	18037	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.66	46	164064	50.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.32%			
24) Chloroform-d	5.08	84	76188	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	49999	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.74	84	136268	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.70	67	49119	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.91	98	112755	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19167	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	112492	49.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.82%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	44374	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
66) 1,2-Dichlorobenzene-d4	12.19	152	42355	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2492	0.253	ug/L	92
3) Chloromethane	1.53	50	2910	0.282	ug/L	91
5) Vinyl chloride	1.61	62	2788	0.273	ug/L #	62
6) Bromomethane	1.87	94	1242	0.228	ug/L	81
9) Trichlorofluoromethane	2.15	101	3380	0.239	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2374	0.289	ug/L #	86
12) 1,1-Dichloroethene	2.59	96	2337	0.299	ug/L #	1
14) Carbon disulfide	2.81	76	7096	0.285	ug/L	97
15) Methyl Acetate	2.98	43	1370	0.288	ug/L #	57
16) Methylene chloride	3.06	84	3612	0.387	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	5037	0.247	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	2024	0.255	ug/L	91
19) 1,1-Dichloroethane	3.89	63	4008	0.244	ug/L	93
21) 2-Butanone	4.74	43	5740	1.743	ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	2124	0.251	ug/L	93
23) Bromochloromethane	5.00	128	992	0.246	ug/L	87
25) Chloroform	5.11	83	5435	0.324	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041005.D
Acq On : 28 Oct 2020 20:25
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Quant Time: Oct 29 02:07:12 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)
27) 1,2-Dichloroethane	5.81	62	3224	0.263 ug/L #	78
29) 1,1,1-Trichloroethane	5.34	97	3404	0.236 ug/L	95
30) Cyclohexane	5.40	56	3120	0.234 ug/L	95
31) Carbon tetrachloride	5.54	117	3148	0.256 ug/L	95
33) Benzene	5.79	78	8928	0.265 ug/L	100
34) Trichloroethene	6.56	95	2122	0.236 ug/L	97
35) Methylcyclohexane	6.77	83	2989	0.239 ug/L	97
37) 1,2-Dichloropropane	6.80	63	2406	0.251 ug/L #	91
38) Bromodichloromethane	7.12	83	2912	0.244 ug/L #	86
39) cis-1,3-Dichloropropene	7.62	75	3194	0.252 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	17234	2.384 ug/L #	88
42) Toluene	7.97	91	7959	0.233 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	3659	0.310 ug/L	84
45) 1,1,2-Trichloroethane	8.41	97	1544	0.226 ug/L	94
47) Tetrachloroethene	8.56	164	1752	0.282 ug/L	91
48) 2-Hexanone	8.69	43	17121	3.157 ug/L	94
49) Dibromochloromethane	8.81	129	1934	0.245 ug/L	97
50) 1,2-Dibromoethane	8.93	107	1527	0.239 ug/L #	93
51) Chlorobenzene	9.45	112	5740	0.262 ug/L	87
52) Ethylbenzene	9.57	91	8619	0.244 ug/L	99
53) m,p-Xylene	9.69	106	3014	0.235 ug/L	84
54) o-Xylene	10.10	106	2735	0.223 ug/L	87
55) Styrene	10.11	104	3958	0.186 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.78	83	2488	0.282 ug/L	92
59) Bromoform	10.29	173	976	0.250 ug/L #	87
60) Isopropylbenzene	10.48	105	6773	0.233 ug/L	97
61) 1,2,3-Trichloropropane	10.83	75	1806	0.299 ug/L #	91
62) 1,3,5-Trimethylbenzene	11.08	105	4787	0.205 ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	5019	0.212 ug/L	95
64) 1,3-Dichlorobenzene	11.74	146	3482	0.240 ug/L	93
65) 1,4-Dichlorobenzene	11.83	146	3681	0.248 ug/L	91
67) 1,2-Dichlorobenzene	12.20	146	3693	0.263 ug/L #	86
68) 1,2-Dibromo-3-chloropropan	12.99	75	378	0.271 ug/L #	58
69) 1,3,5-Trichlorobenzene	13.21	180	2697	0.271 ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	2031	0.242 ug/L	90
71) Naphthalene	14.08	128	2715	0.185 ug/L #	79
72) 1,2,3-Trichlorobenzene	14.32	180	1789	0.228 ug/L	95

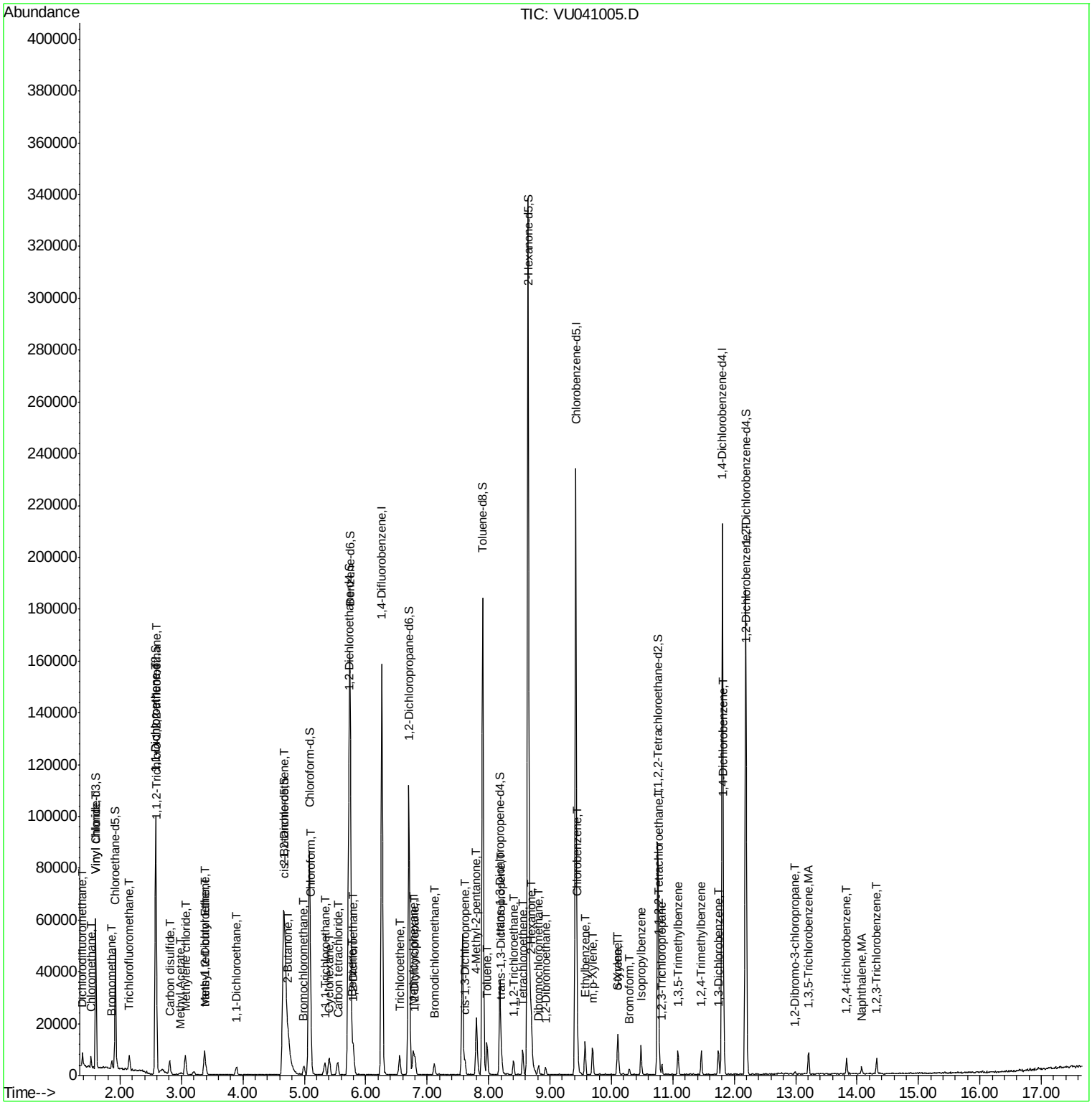
(#) = qualifier out of range (m) = manual integration (+) = signals summed

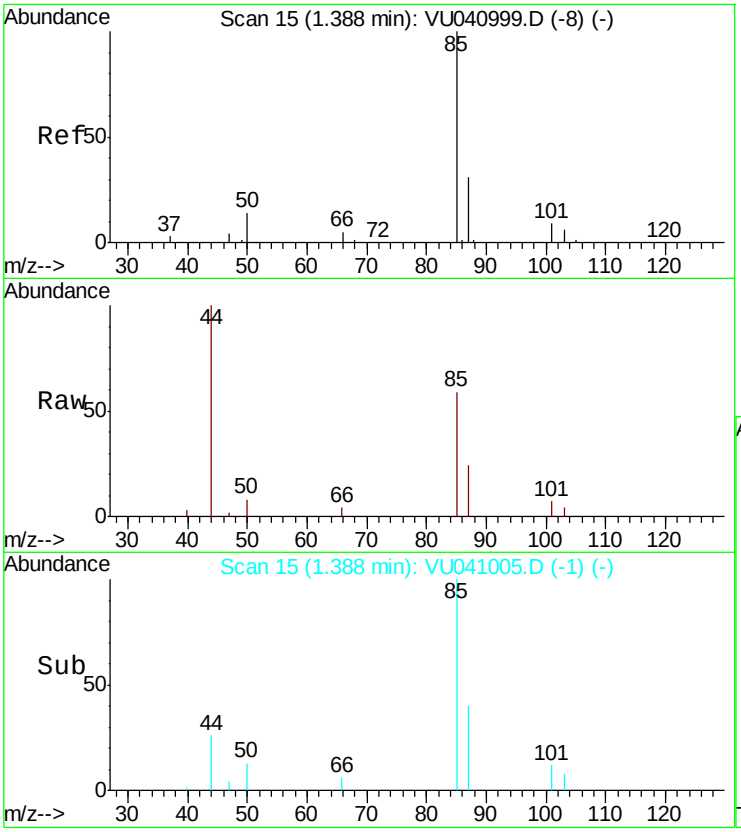
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU041005.D
Acq On : 28 Oct 2020 20:25
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Quant Time: Oct 29 02:07:12 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



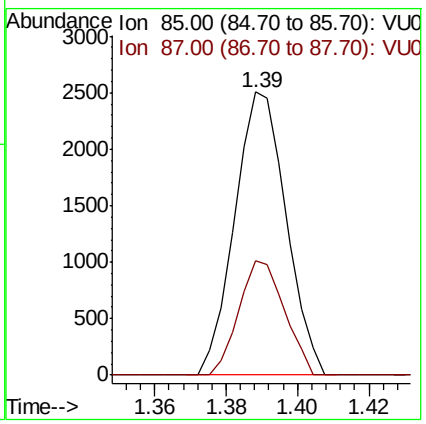


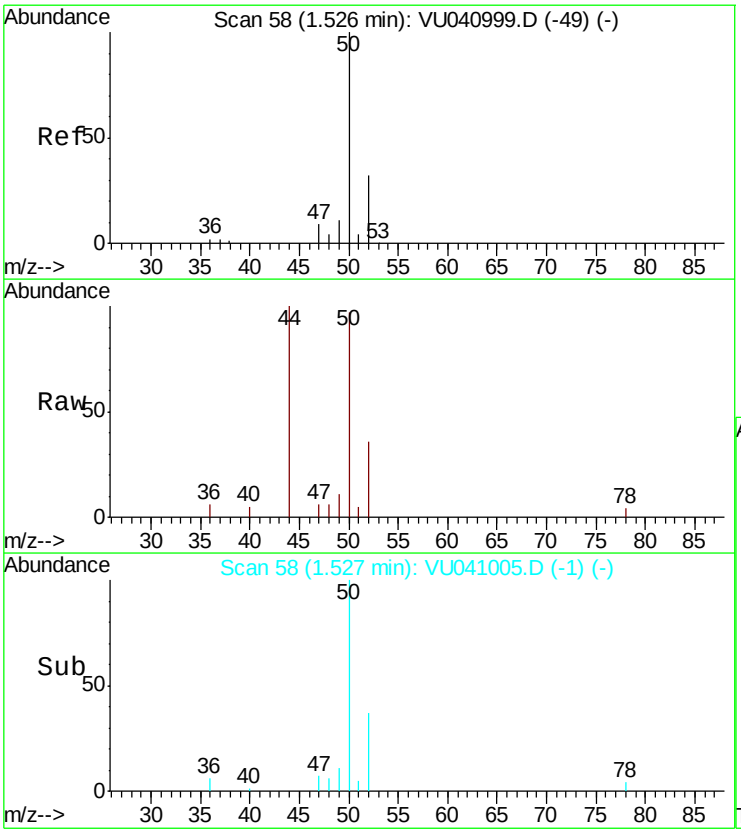
#2
Dichlorodifluoromethane
Concen: 0.253 ug/L
RT: 1.39 min Scan# 15
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 85 Resp: 2492

Ion	Ratio	Lower	Upper
85	100		
87	35.7	25.2	37.8

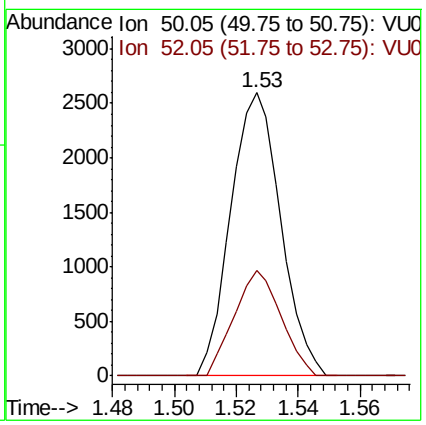


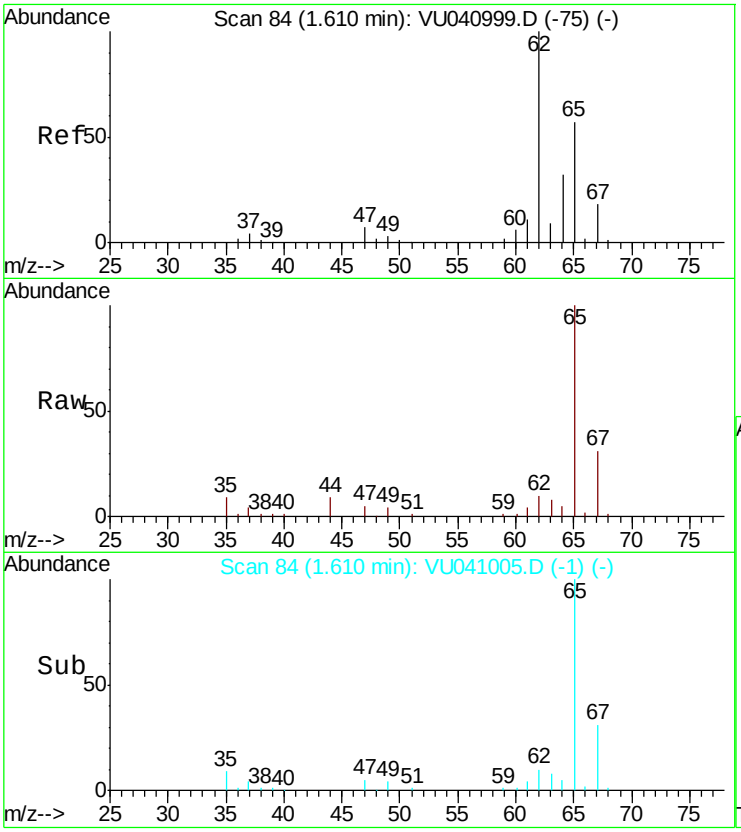


#3
Chloromethane
Concen: 0.282 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 50 Resp: 2910

Ion	Ratio	Lower	Upper
50	100		
52	37.2	22.4	41.6



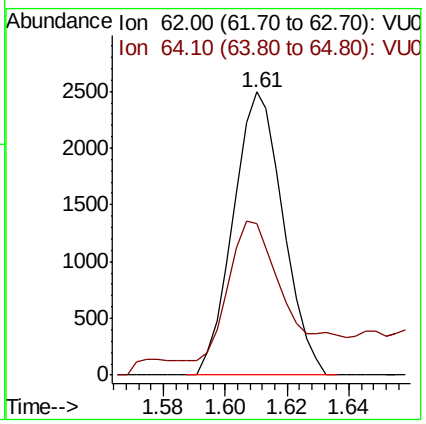


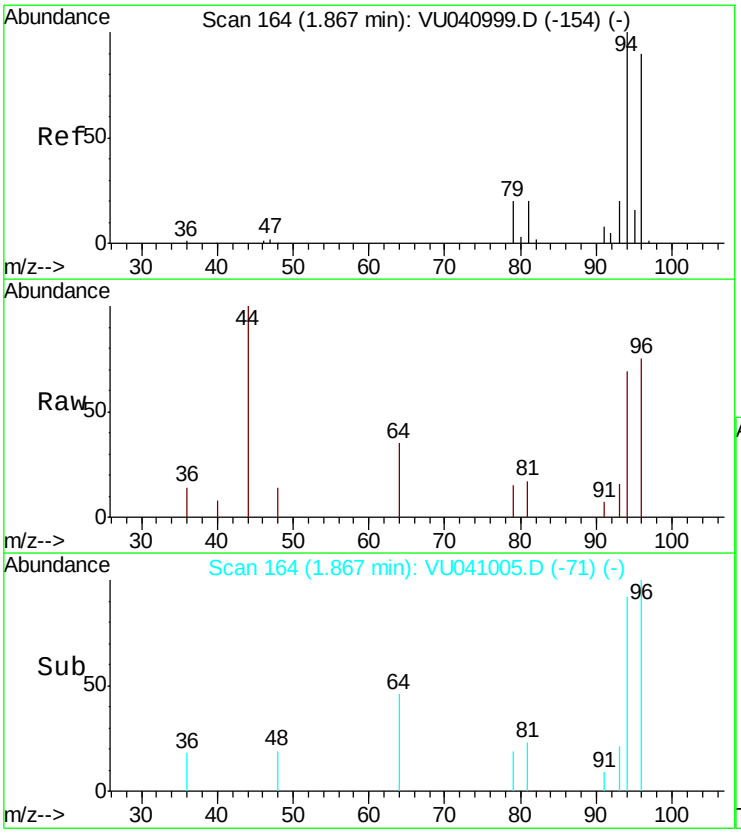
#5
Vinyl chloride
Concen: 0.273 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 62 Resp: 2788

Ion	Ratio	Lower	Upper
62	100		
64	53.6	22.7	42.3#

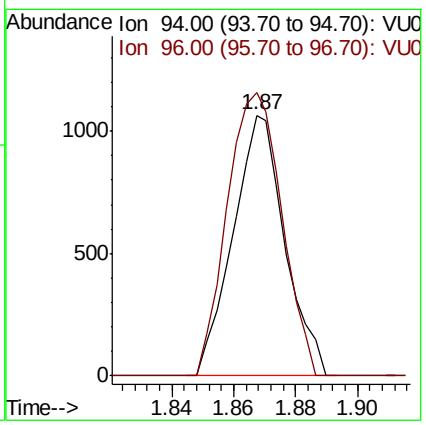


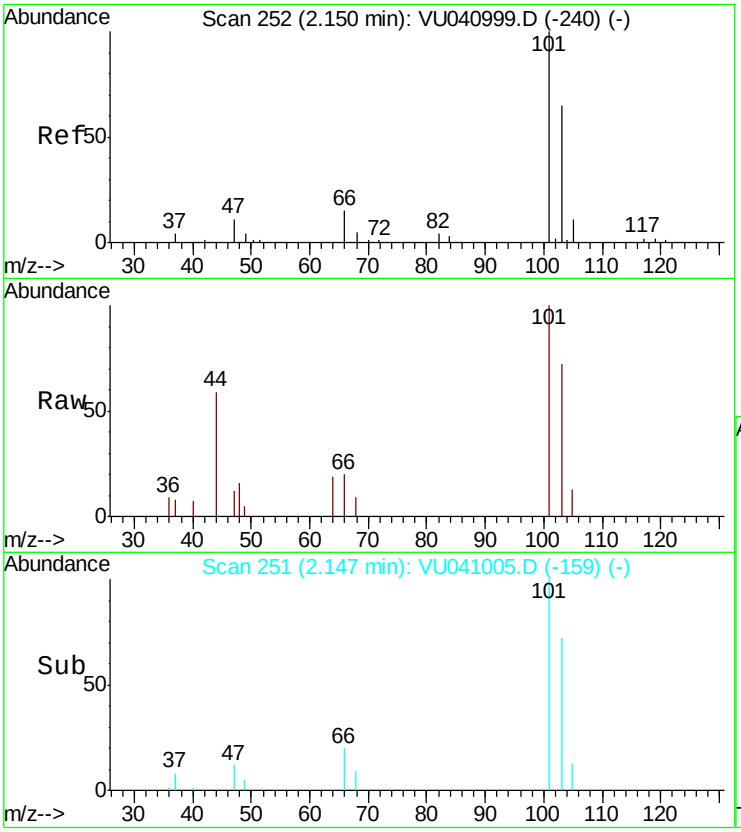


#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 94 Resp: 1242

Ion	Ratio	Lower	Upper
94	100		
96	108.5	63.2	117.4



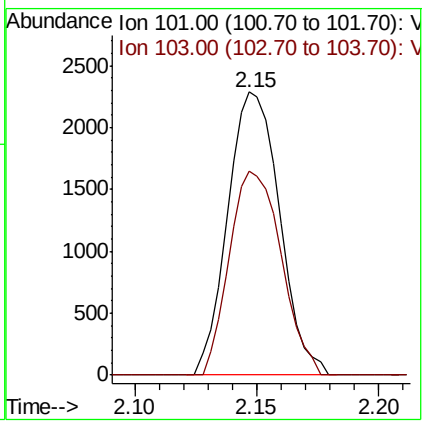


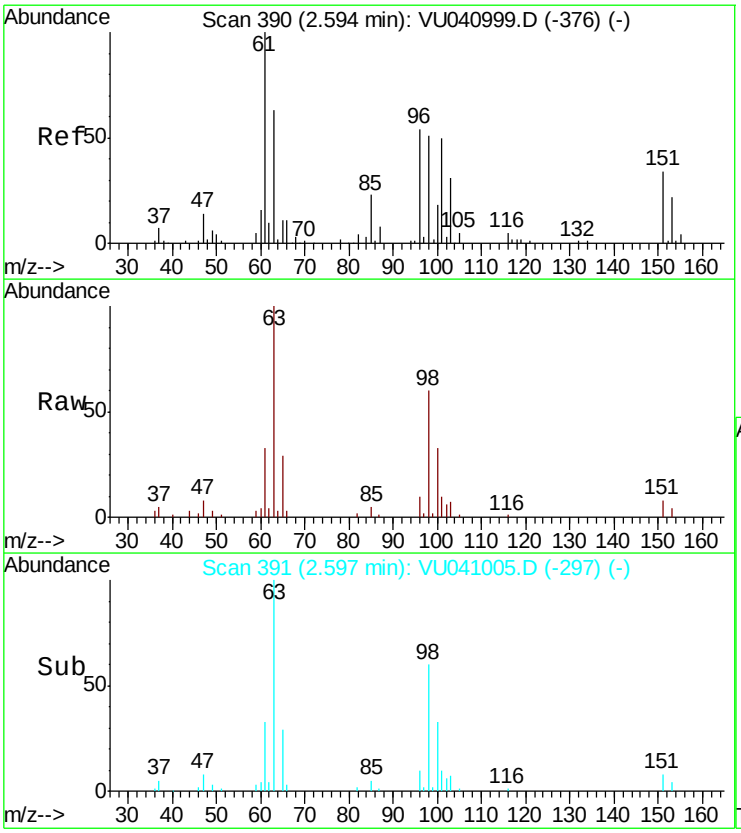
#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:101 Resp: 3380

Ion	Ratio	Lower	Upper
101	100		
103	72.0	51.0	76.4

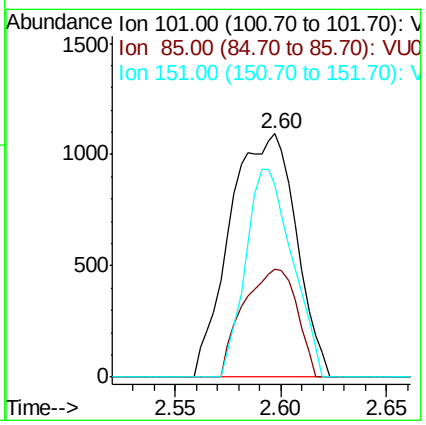


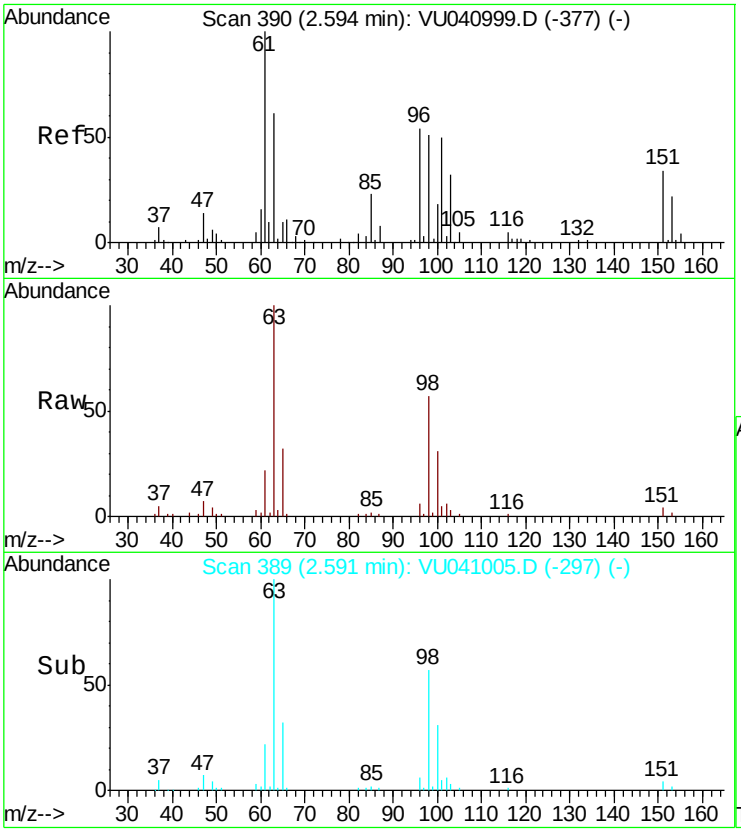


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.289 ug/L
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:101 Resp: 2374

Ion	Ratio	Lower	Upper
101	100		
85	35.9	38.1	57.1#
151	60.6	56.0	84.0



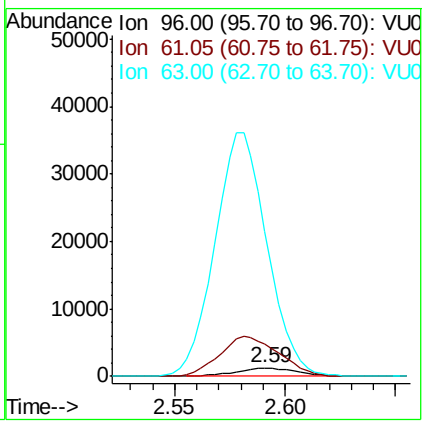


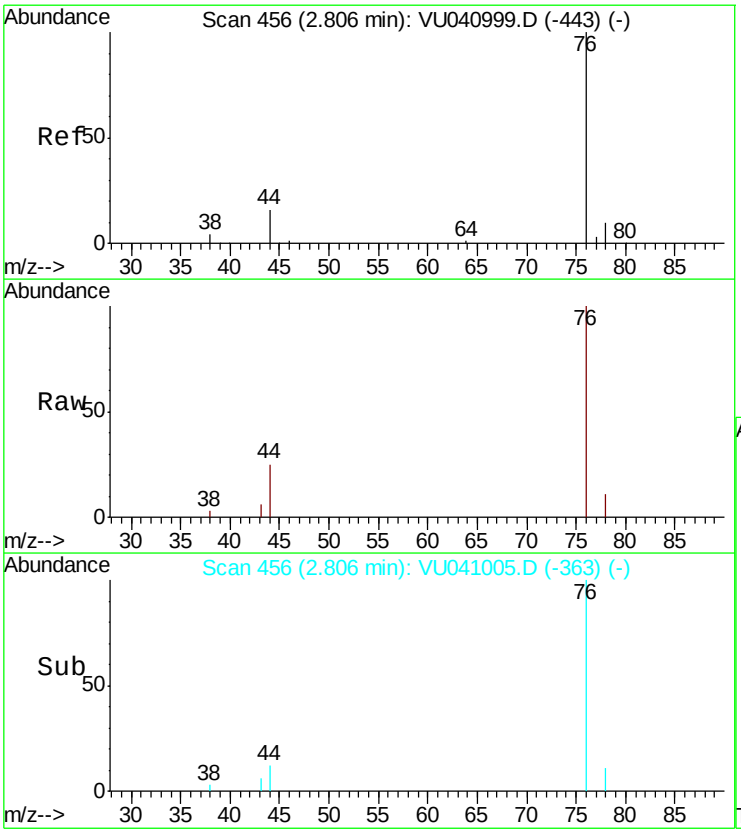
#12
1,1-Dichloroethene
Concen: 0.299 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 96 Resp: 2337

Ion	Ratio	Lower	Upper
96	100		
61	367.3	130.2	241.8#
63	1664.5	83.7	155.5#

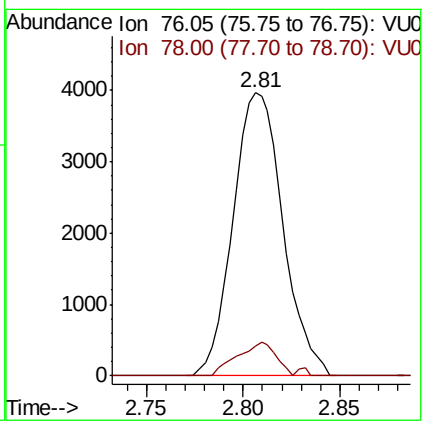


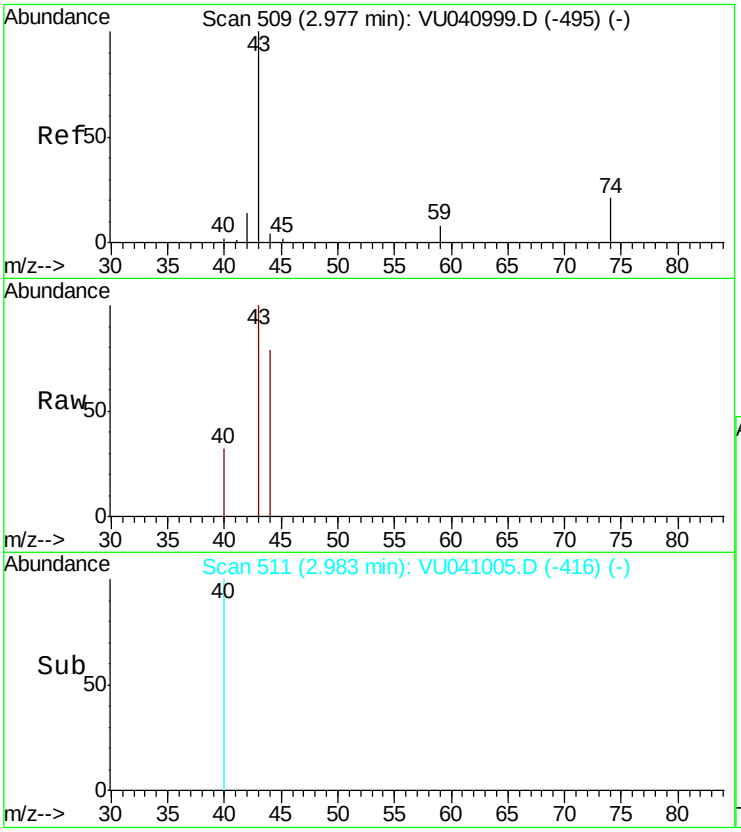


#14
Carbon disulfide
Concen: 0.285 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 76 Resp: 7096

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.7	11.5



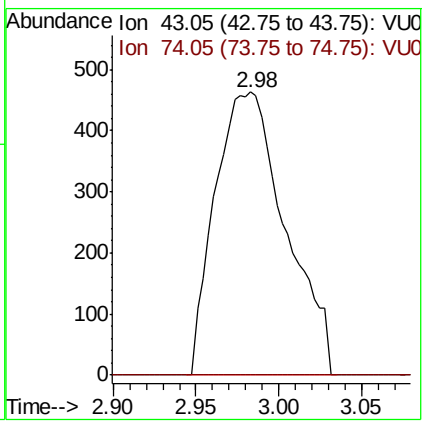


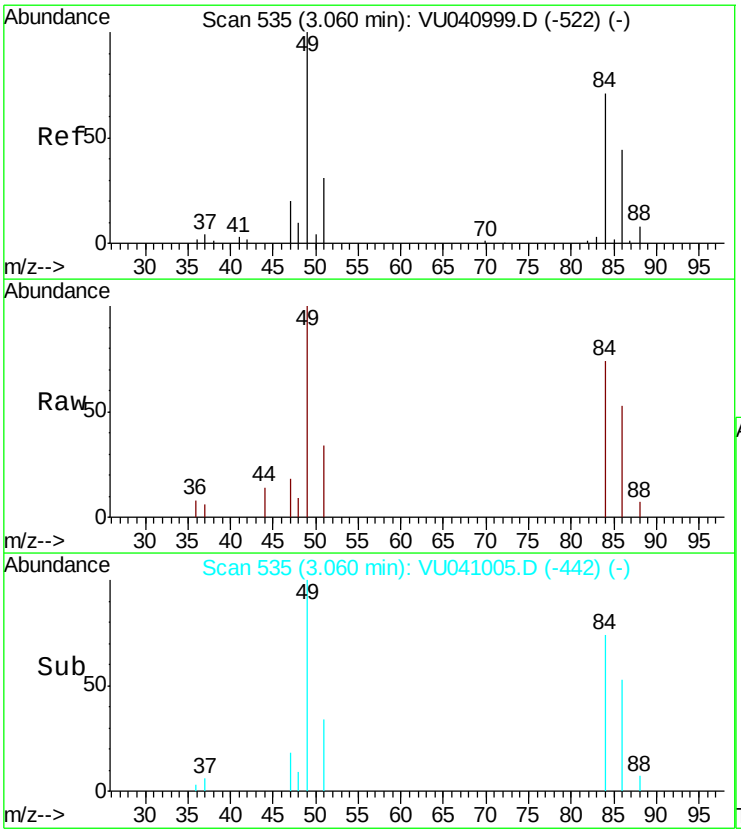
#15
Methyl Acetate
Concen: 0.288 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.01 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.6	23.4#

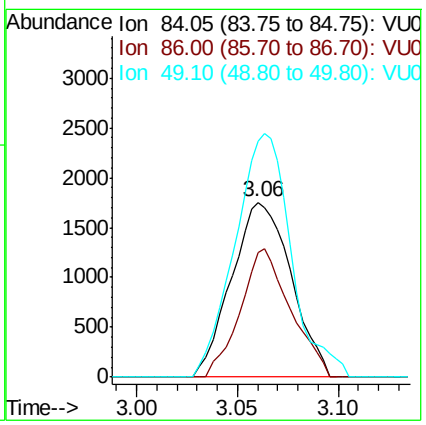


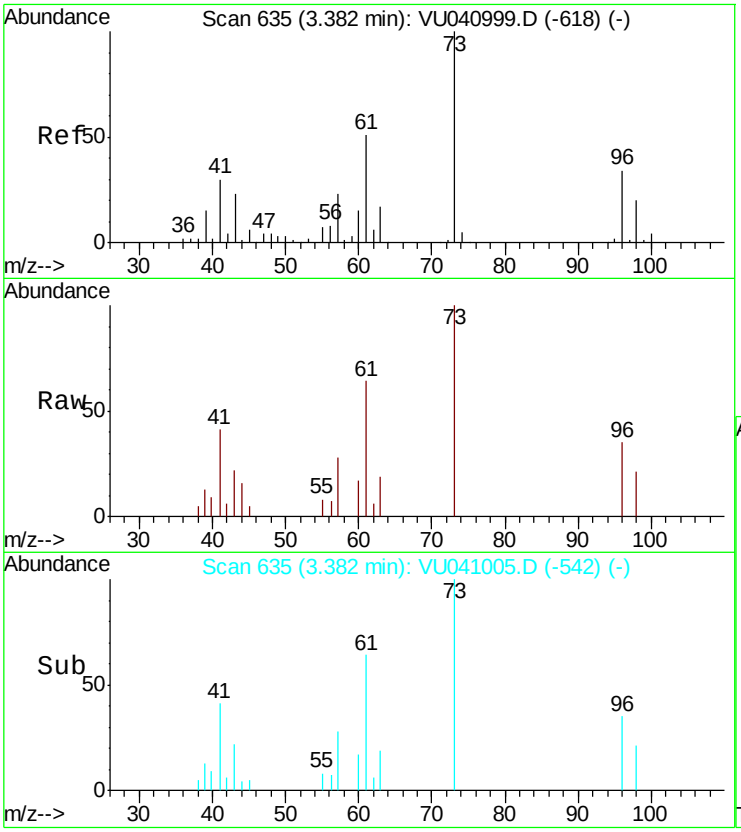


#16
Methylene chloride
Concen: 0.387 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 84 Resp: 3612

Ion	Ratio	Lower	Upper
84	100		
86	71.3	44.2	82.0
49	134.9	99.3	184.3



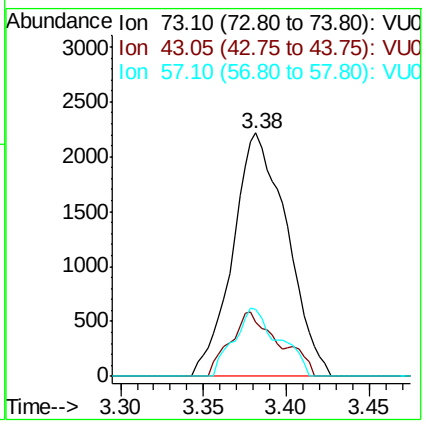


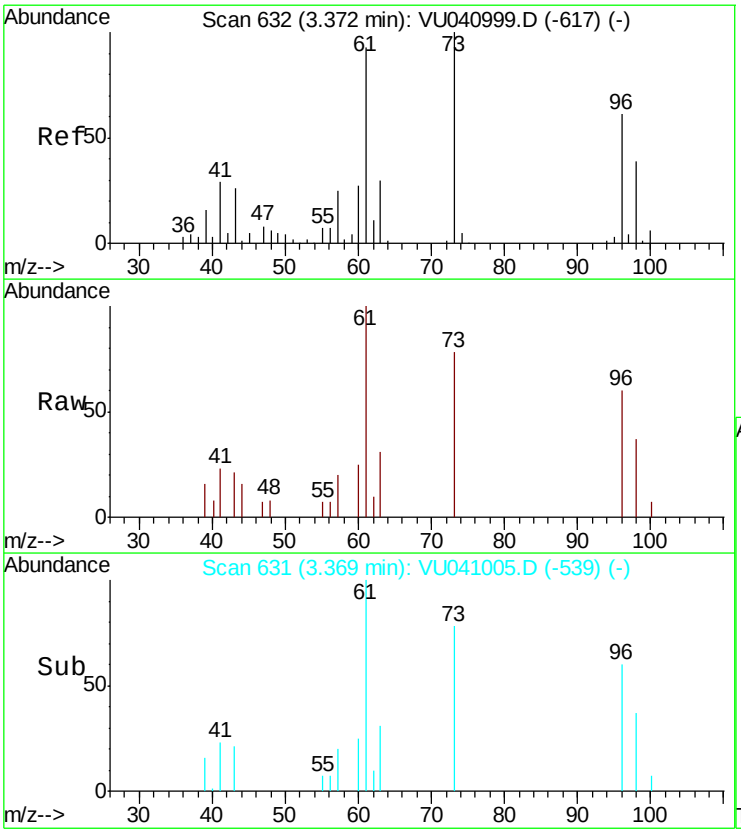
#17
Methyl tert-butyl Ether
Concen: 0.247 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 73 Resp: 5037

Ion	Ratio	Lower	Upper
73	100		
43	23.8	19.5	29.3
57	23.1	18.9	28.3

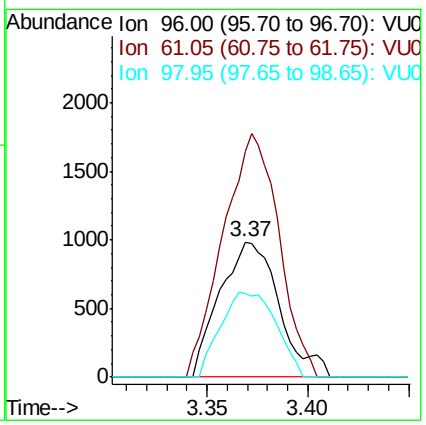


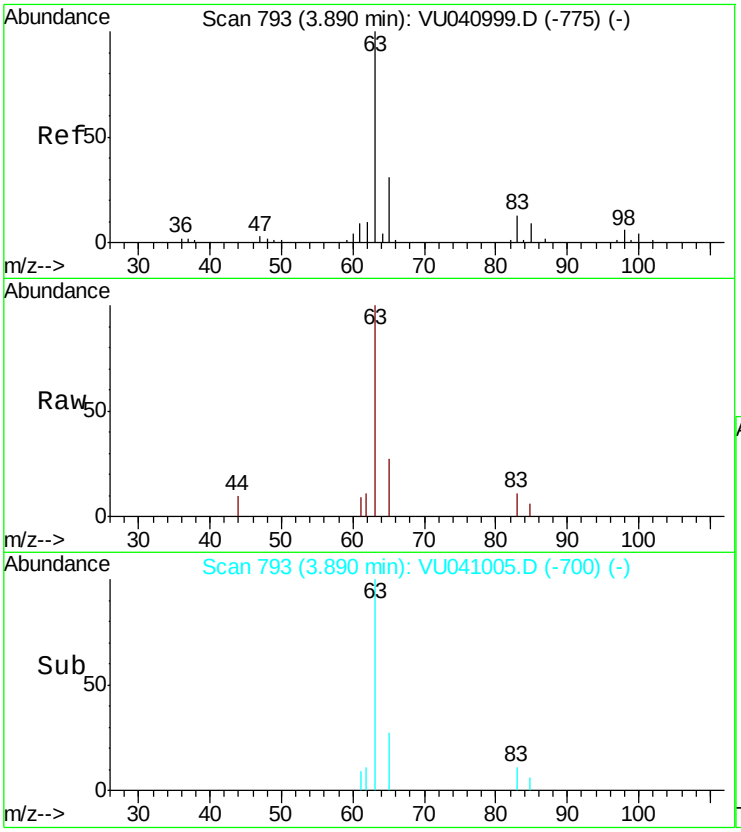


#18
trans-1,2-Dichloroethene
Concen: 0.255 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 96 Resp: 2024

Ion	Ratio	Lower	Upper
96	100		
61	167.8	107.2	199.0
98	61.7	44.6	82.8



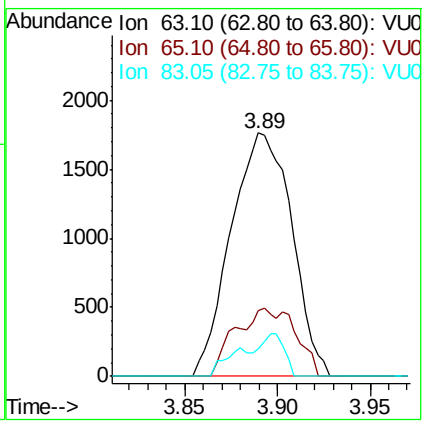


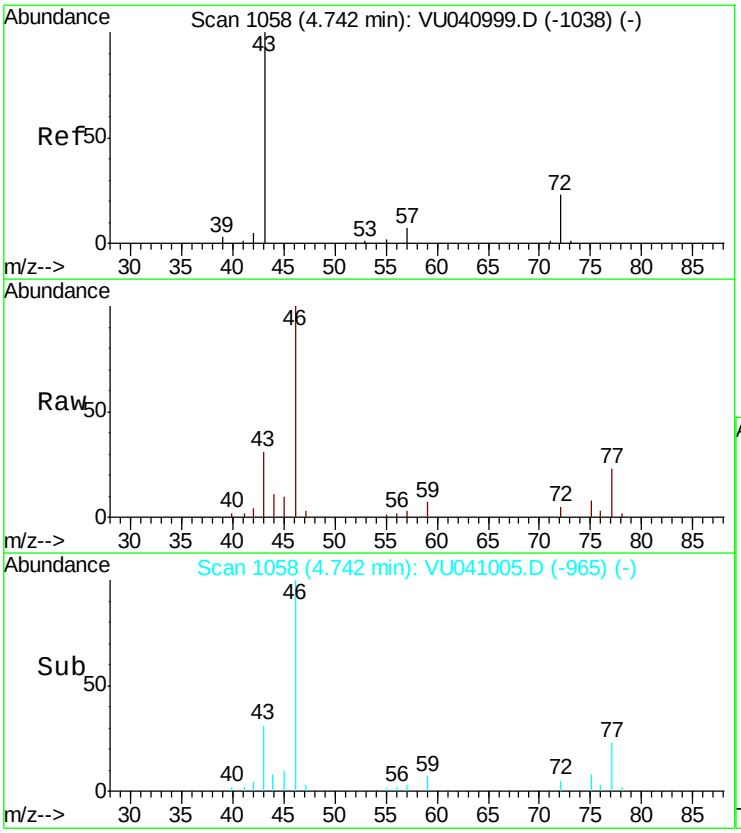
#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 63 Resp: 4008

Ion	Ratio	Lower	Upper
63	100		
65	26.8	21.8	40.4
83	11.3	9.3	17.3

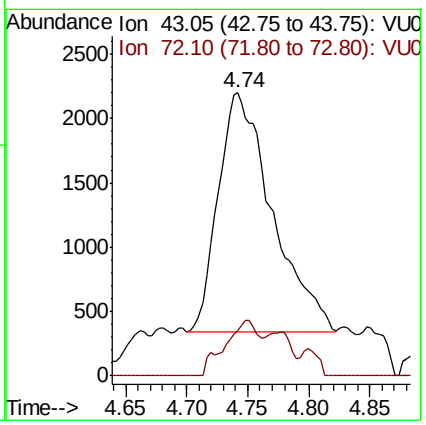


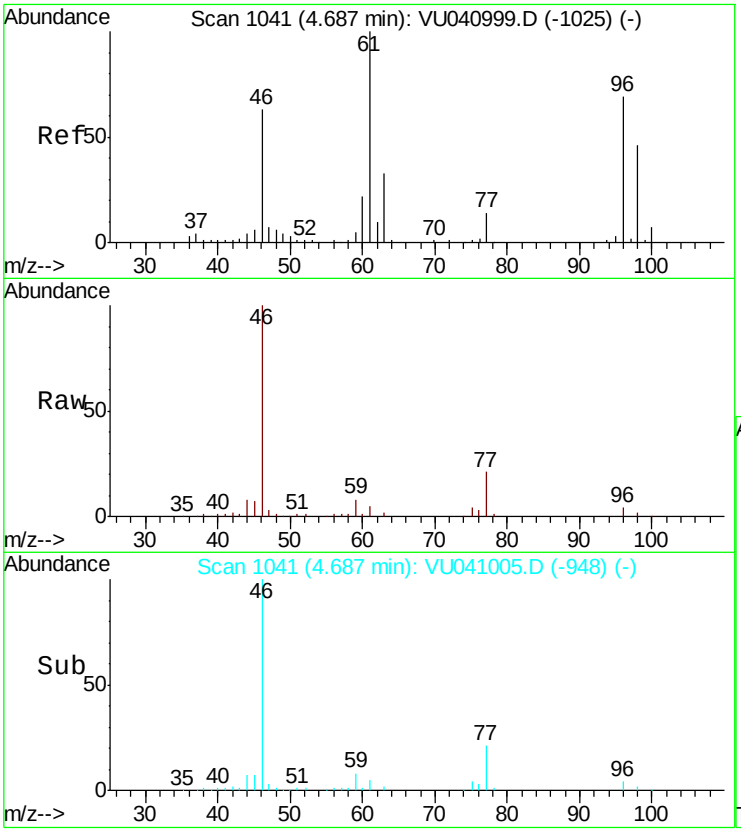


#21
2-Butanone
Concen: 1.743 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 43 Resp: 5740

Ion	Ratio	Lower	Upper
43	100		
72	14.4	11.6	34.7



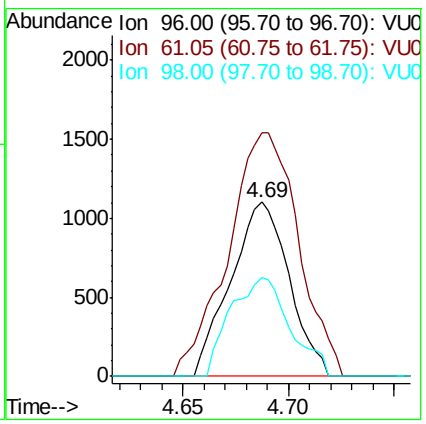


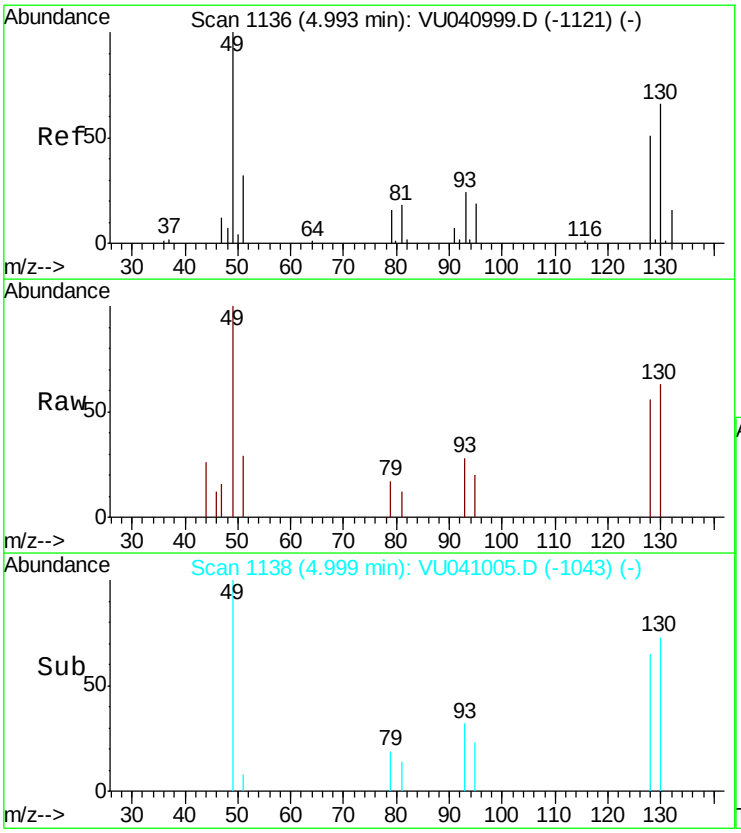
#22
cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 96 Resp: 2124

Ion	Ratio	Lower	Upper
96	100		
61	139.8	101.7	188.9
98	57.2	46.4	86.2

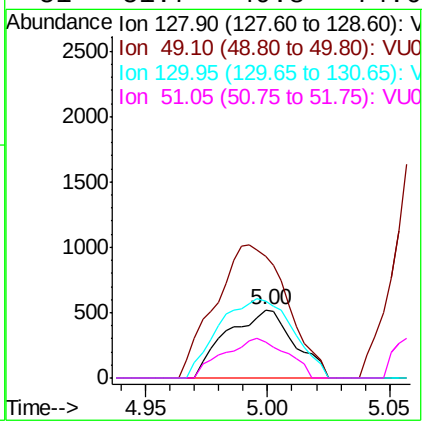


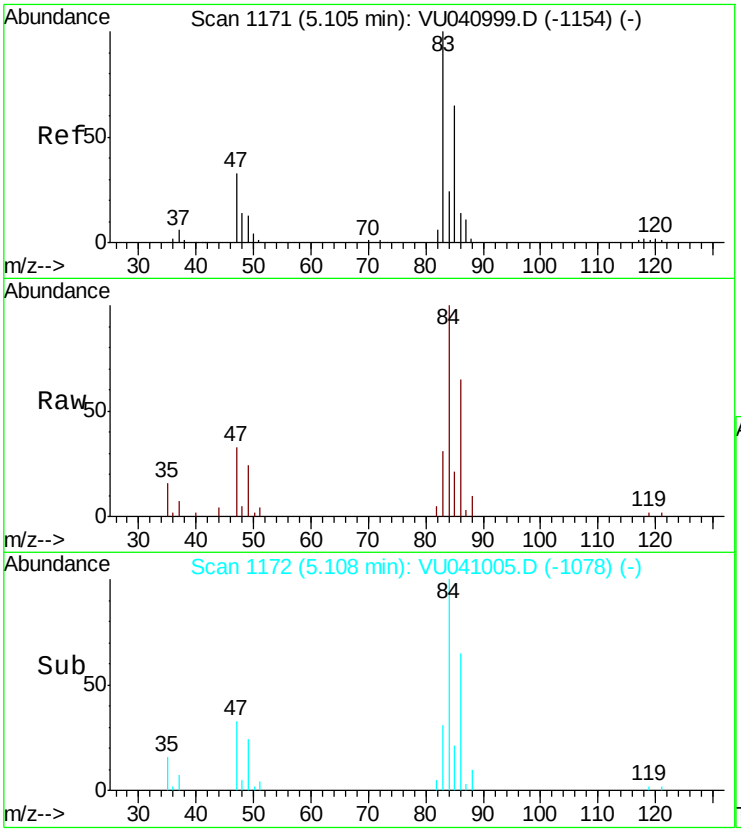


#23
Bromochloromethane
Concen: 0.246 ug/L
RT: 5.00 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:128 Resp: 992

Ion	Ratio	Lower	Upper
128	100		
49	177.4	137.5	255.4
130	112.3	90.2	167.4
51	51.7	49.8	74.6



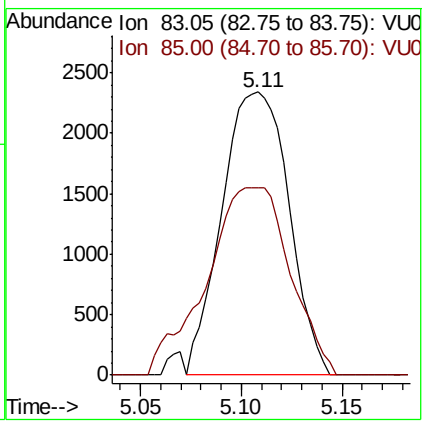


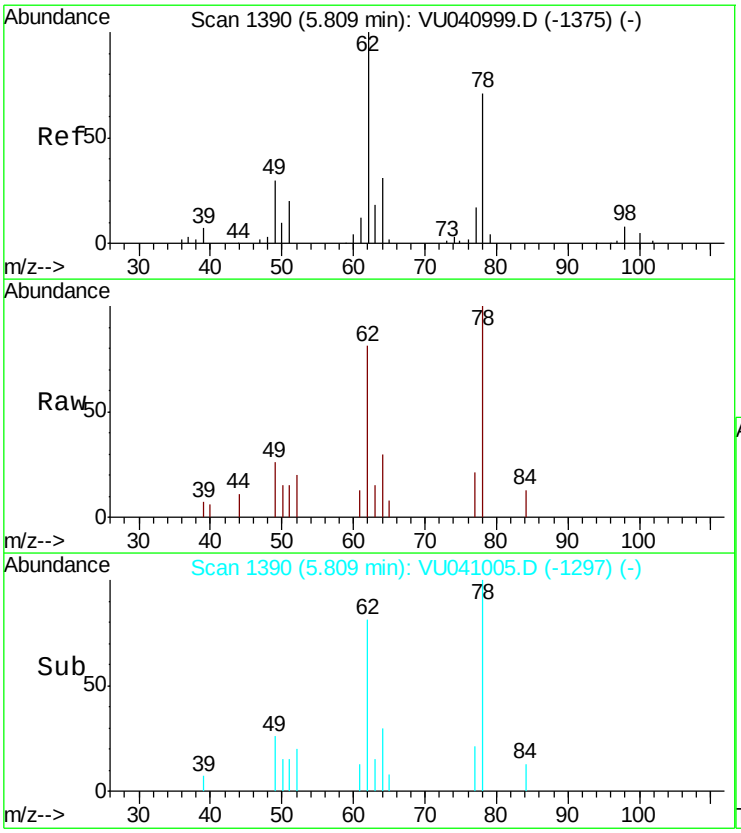
#25
Chloroform
Concen: 0.324 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 83 Resp: 5435

Ion	Ratio	Lower	Upper
83	100		
85	66.2	45.5	84.5

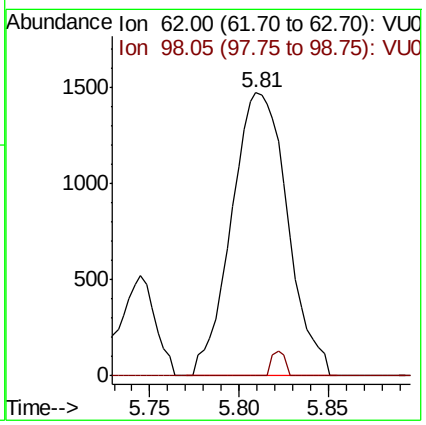


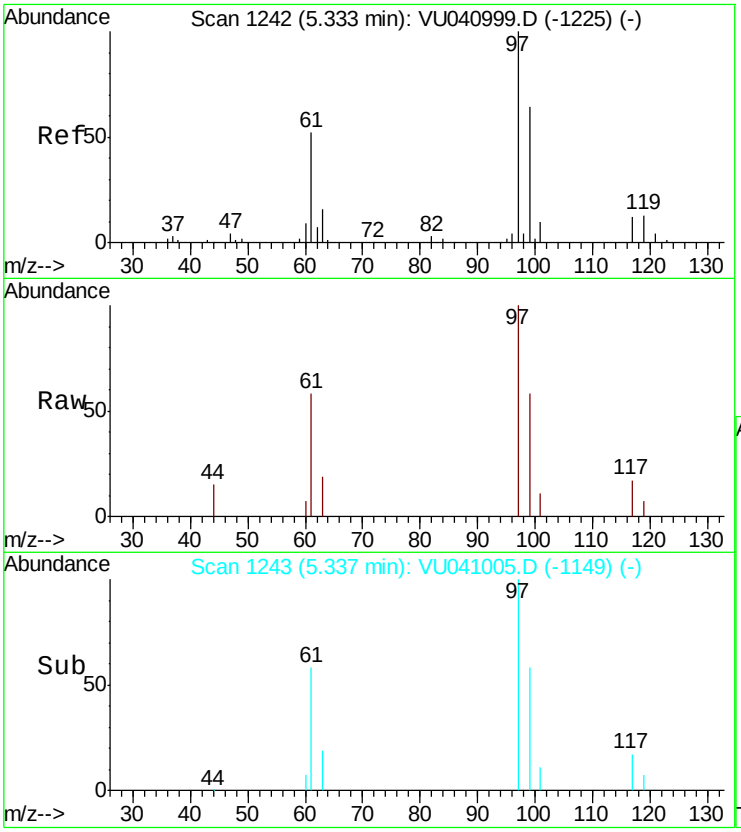


#27
1,2-Dichloroethane
Concen: 0.263 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 62 Resp: 3224

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#



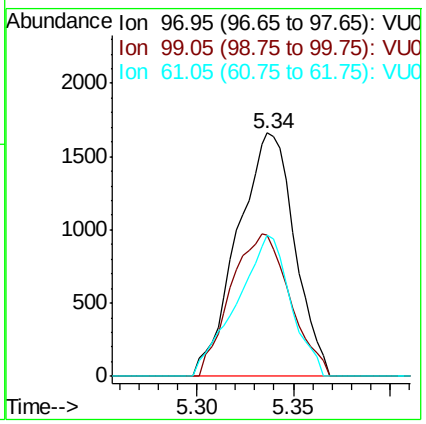


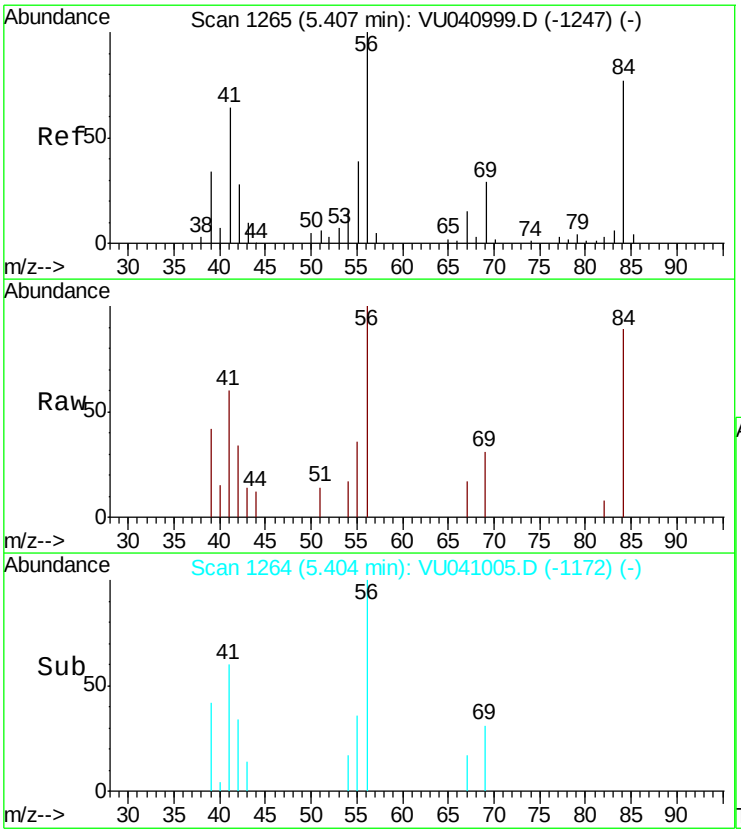
#29
1,1,1-Trichloroethane
Concen: 0.236 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 97 Resp: 3404

Ion	Ratio	Lower	Upper
97	100		
99	60.8	50.2	75.2
61	54.8	39.6	59.4

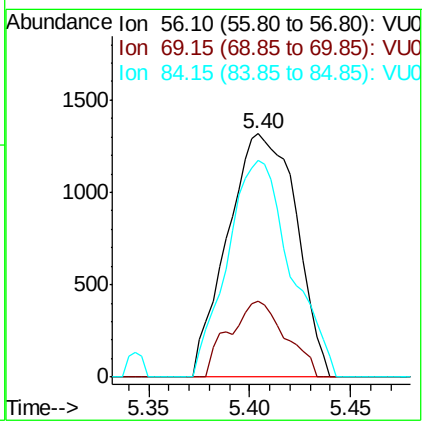


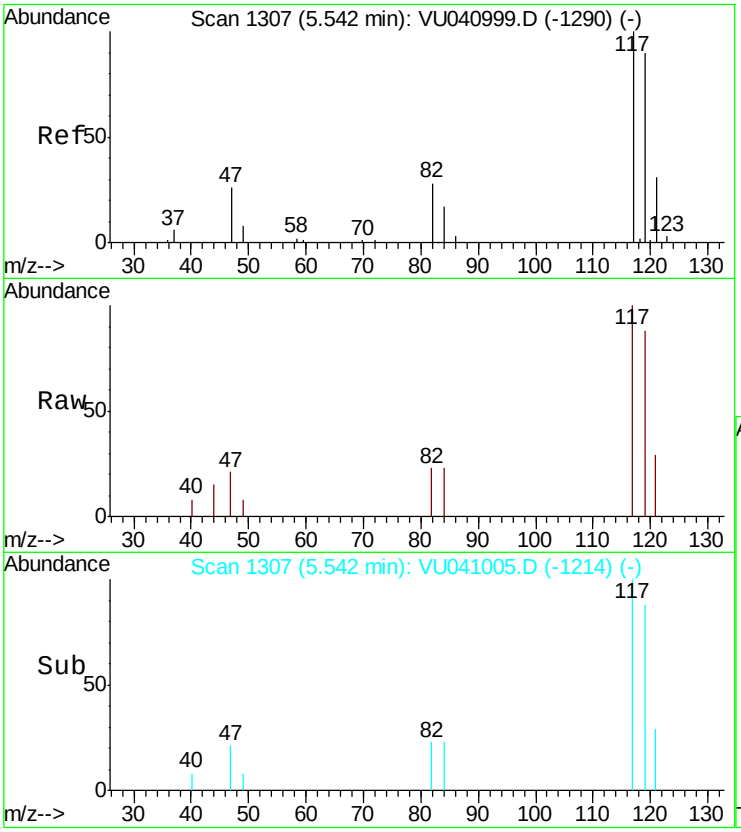


#30
Cyclohexane
Concen: 0.234 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 56 Resp: 3120

Ion	Ratio	Lower	Upper
56	100		
69	25.7	23.2	34.8
84	82.1	62.9	94.3



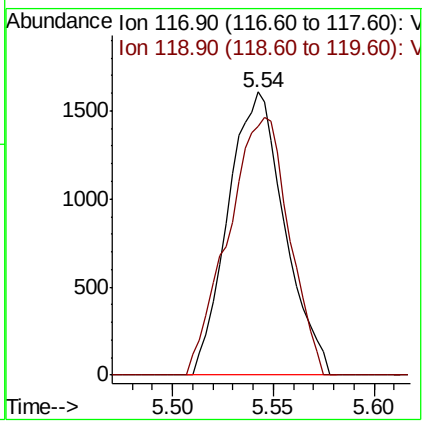


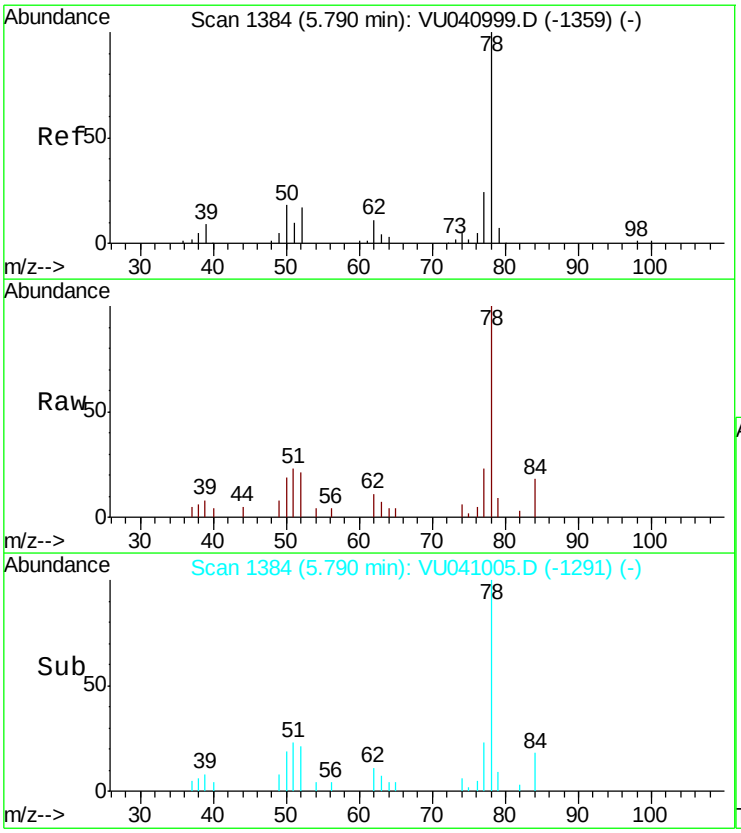
#31
Carbon tetrachloride
Concen: 0.256 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:117 Resp: 3148

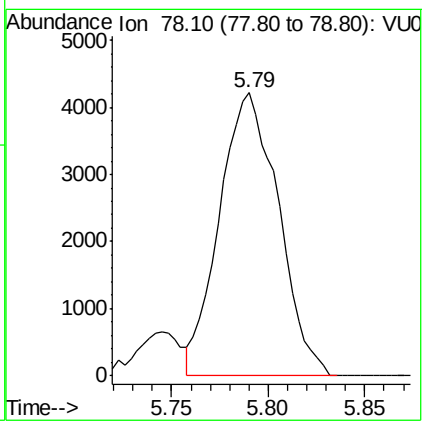
Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.4	111.6

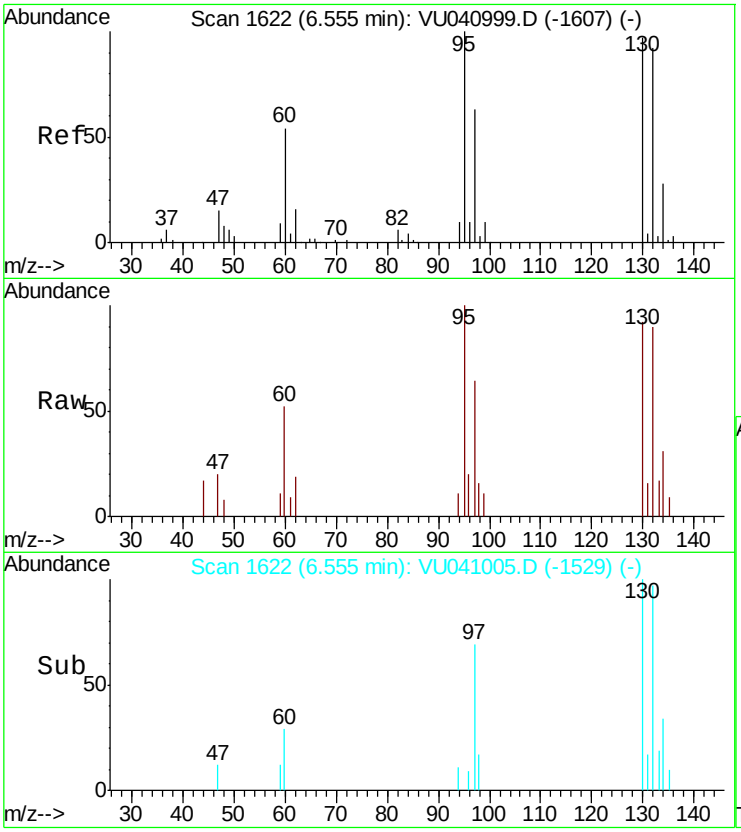




#33
Benzene
Concen: 0.265 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 78 Resp: 8928



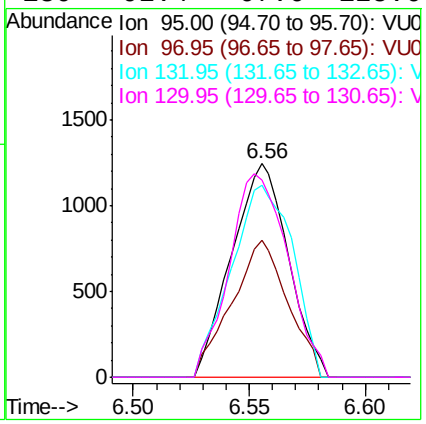


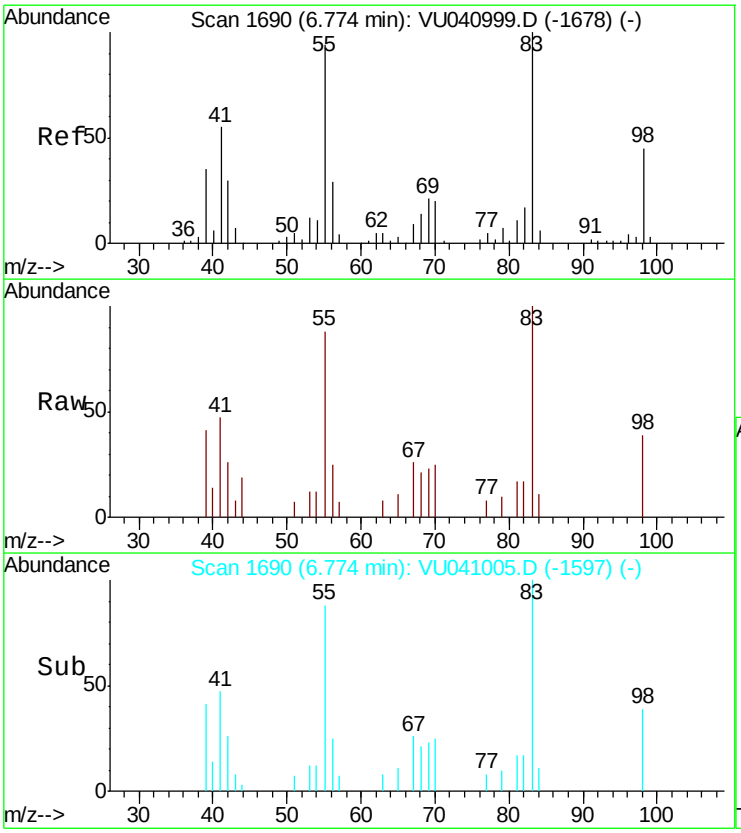
#34
Trichloroethene
Concen: 0.236 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 95 Resp: 2122

Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.8	81.4
132	89.8	64.5	119.7
130	92.4	67.6	125.6

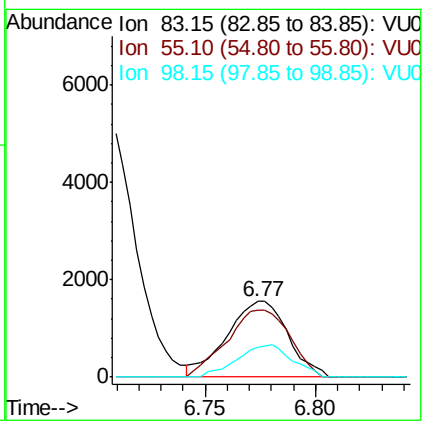


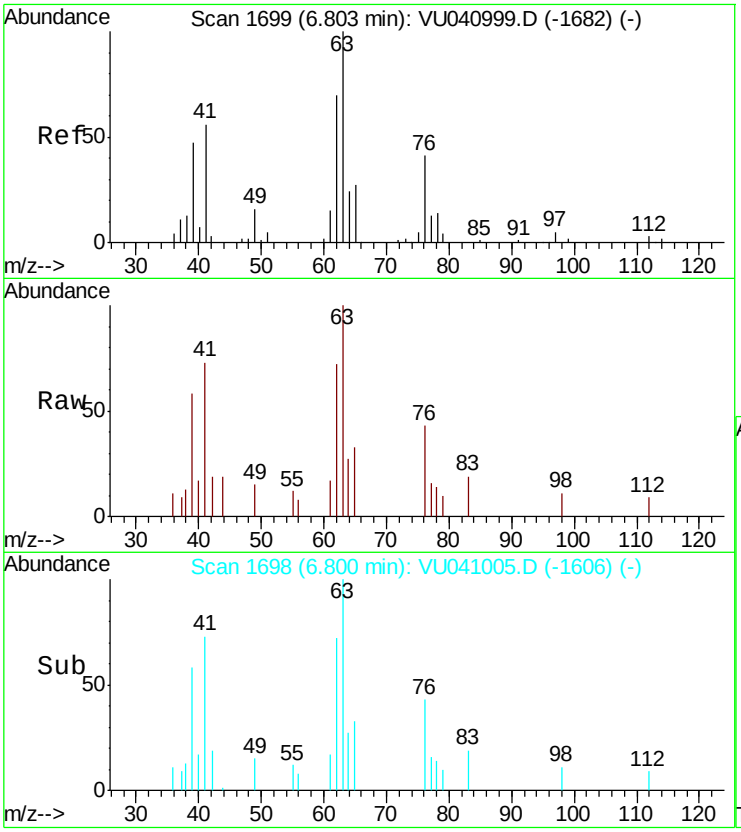


#35
Methylcyclohexane
Concen: 0.239 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 83 Resp: 2989

Ion	Ratio	Lower	Upper
83	100		
55	91.1	72.7	109.1
98	38.1	35.7	53.5



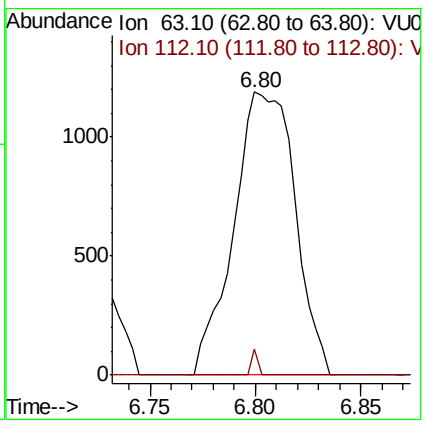


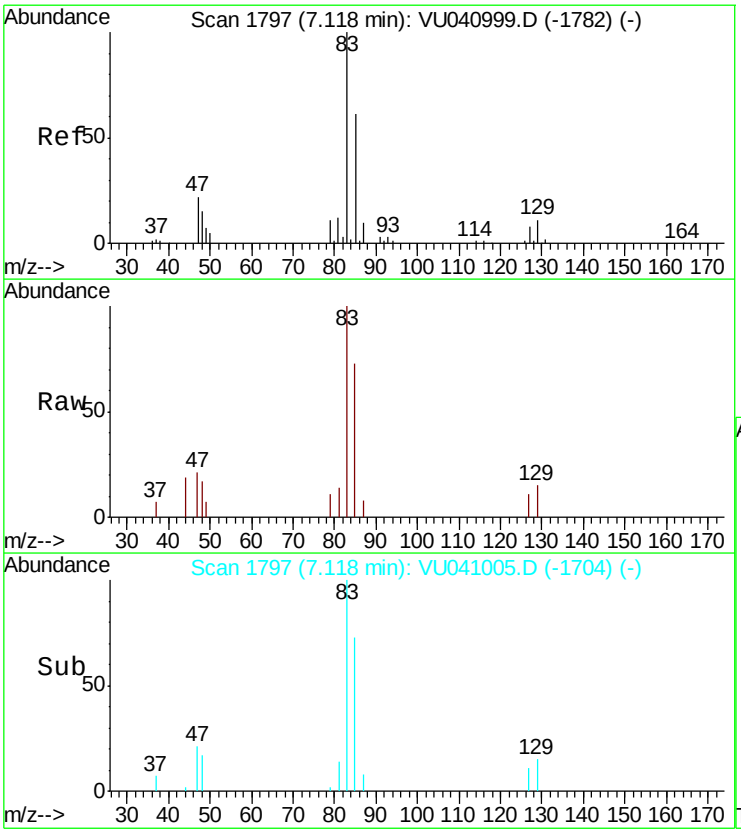
#37
1,2-Dichloropropane
Concen: 0.251 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion: 63 Resp: 2406

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.0	4.4#

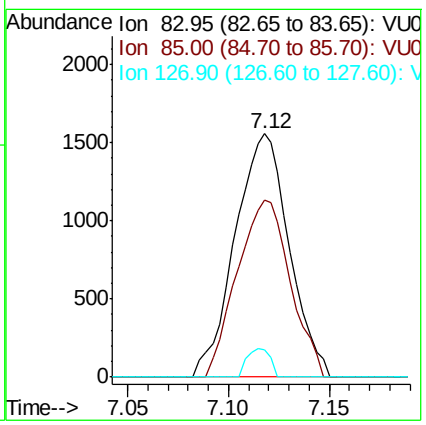


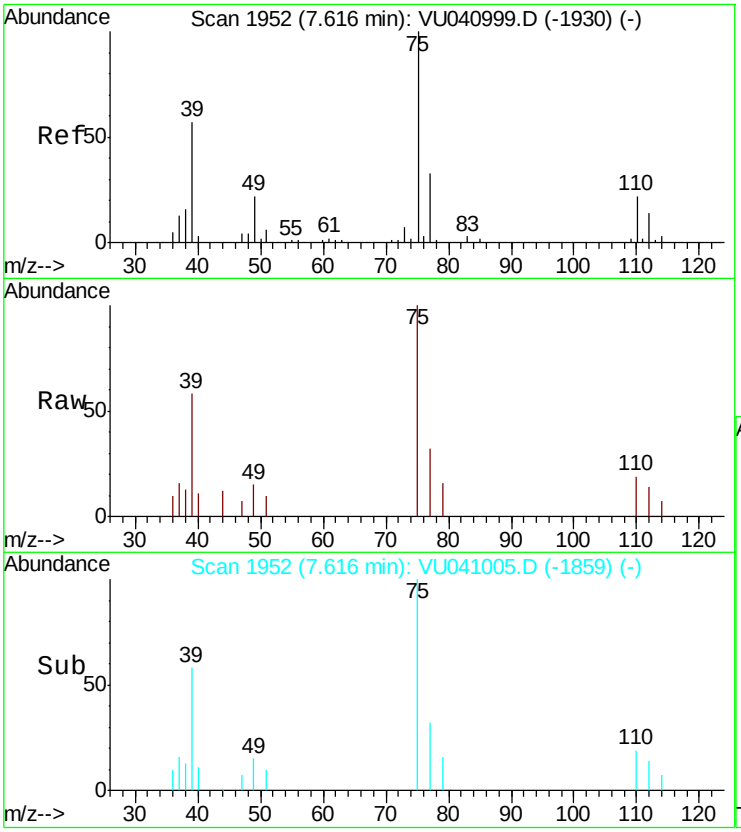


#38
Bromodichloromethane
Concen: 0.244 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 83 Resp: 2912

Ion	Ratio	Lower	Upper
83	100		
85	72.8	42.9	79.7
127	11.0	6.2	9.2#



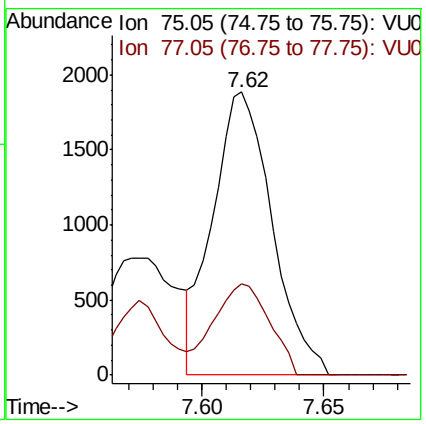


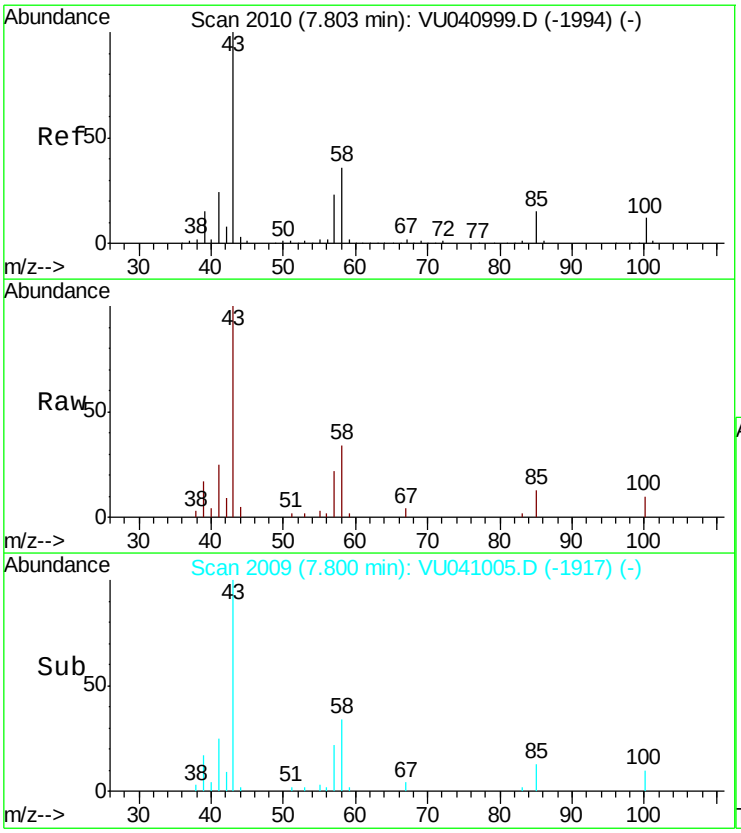
#39
cis-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.62 min Scan# 1952
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 75 Resp: 3194

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.7	42.3

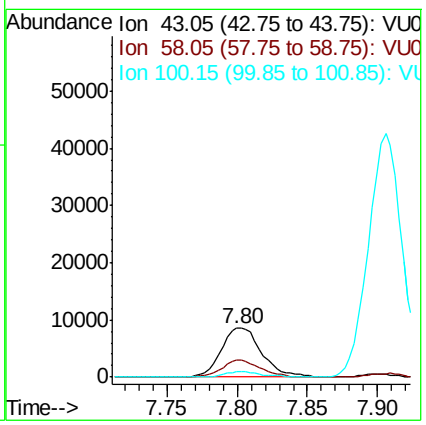


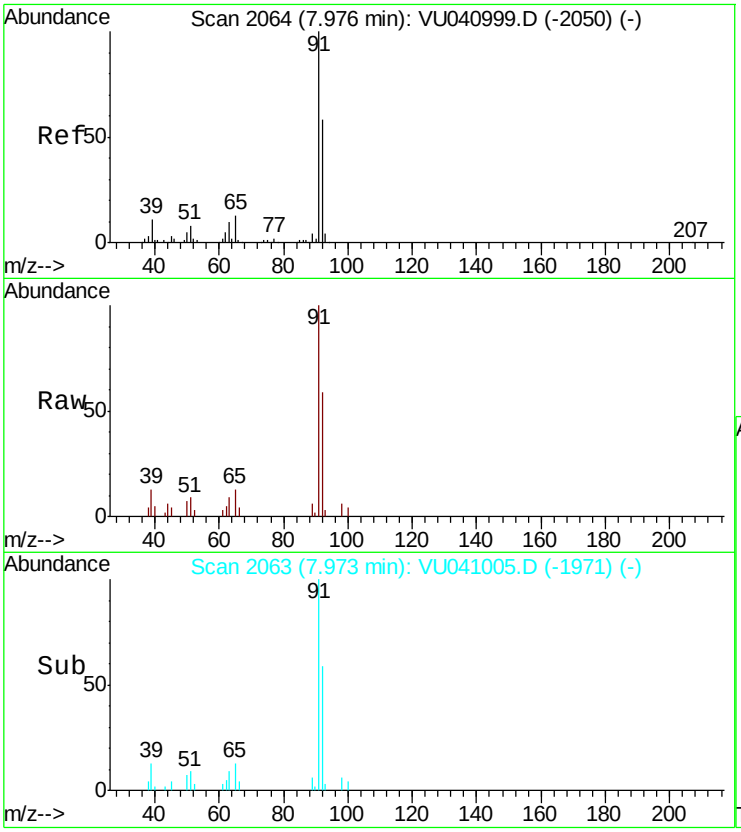


#40
4-Methyl-2-pentanone
Concen: 2.384 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 43 Resp: 17234

Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.6	43.0
100	0.0	9.6	14.4#



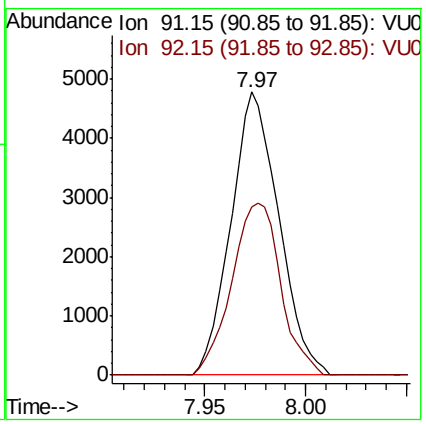


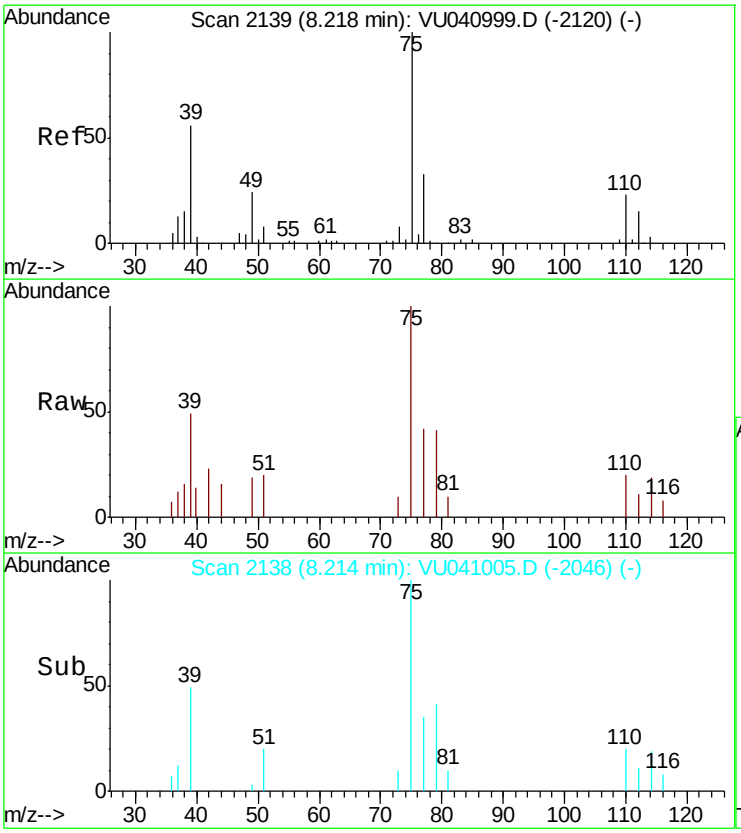
#42
Toluene
Concen: 0.233 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 91 Resp: 7959

Ion	Ratio	Lower	Upper
91	100		
92	59.3	40.5	75.1

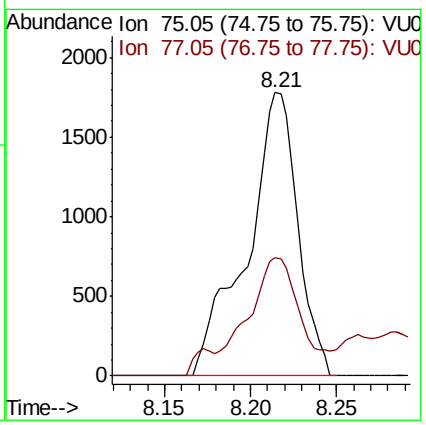


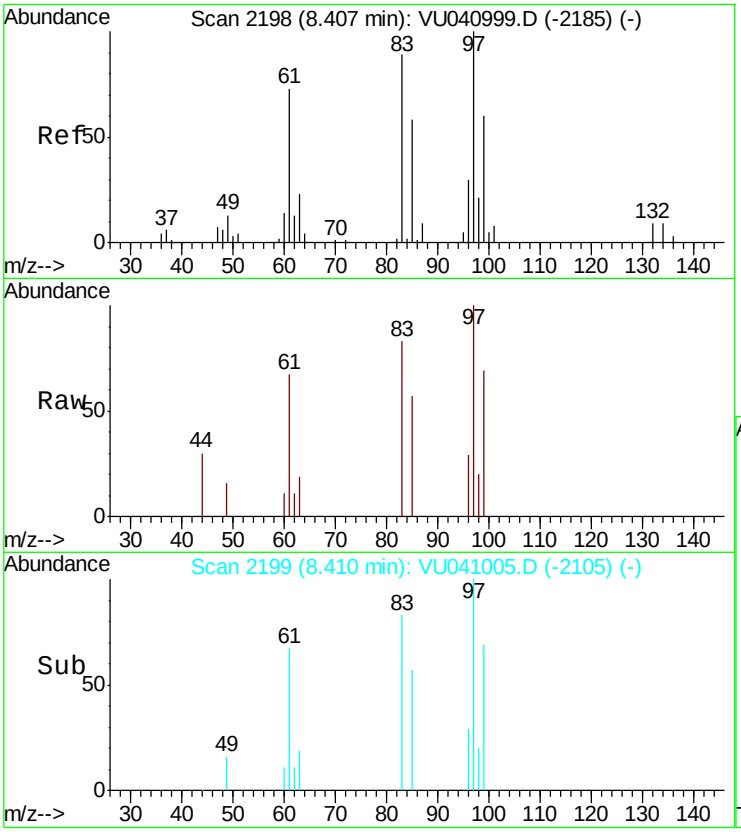


#44
trans-1,3-Dichloropropene
Concen: 0.310 ug/L
RT: 8.21 min Scan# 2138
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 75 Resp: 3659

Ion	Ratio	Lower	Upper
75	100		
77	41.7	23.0	42.6



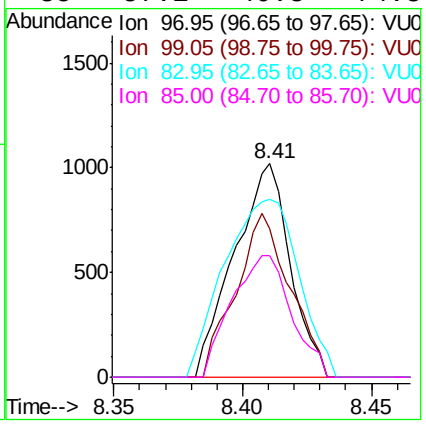


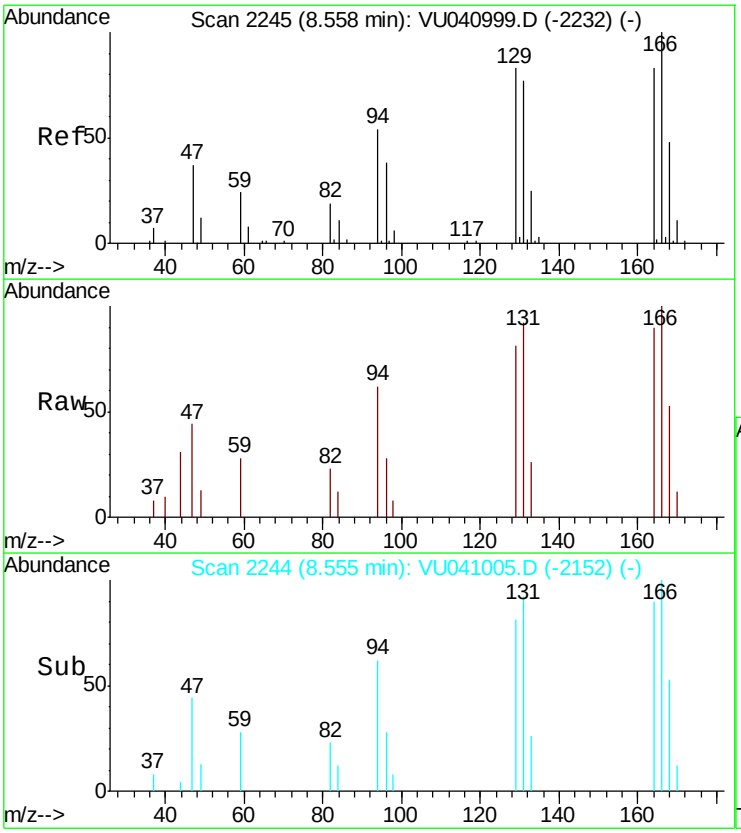
#45
1,1,2-Trichloroethane
Concen: 0.226 ug/L
RT: 8.41 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 97 Resp: 1544

Ion	Ratio	Lower	Upper
97	100		
99	69.3	41.8	77.6
83	83.4	62.2	115.6
85	57.1	40.3	74.8

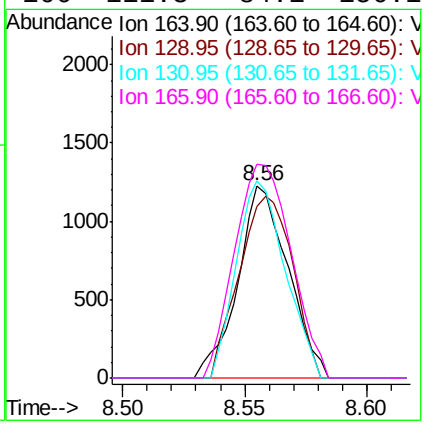


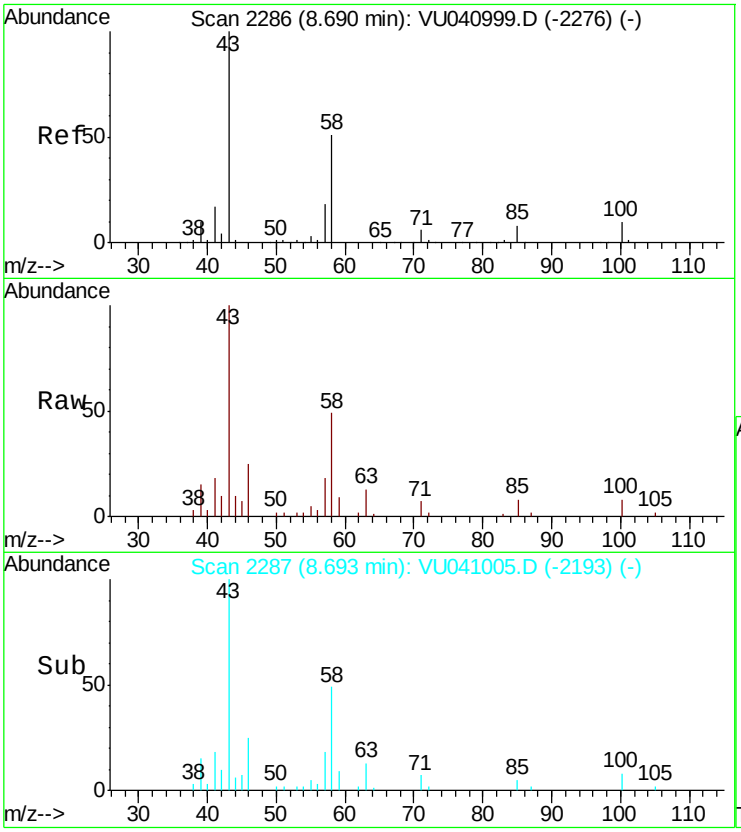


#47
Tetrachloroethene
Concen: 0.282 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:164 Resp: 1752

Ion	Ratio	Lower	Upper
164	100		
129	89.6	69.9	129.7
131	102.4	65.0	120.6
166	111.3	84.1	156.1



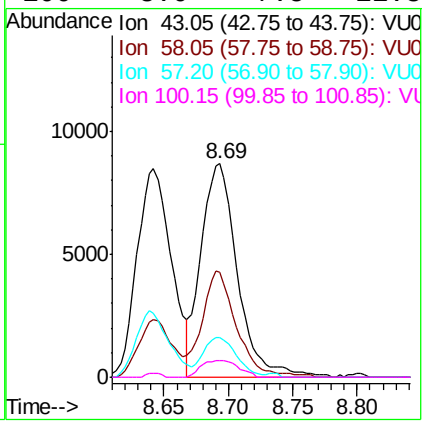


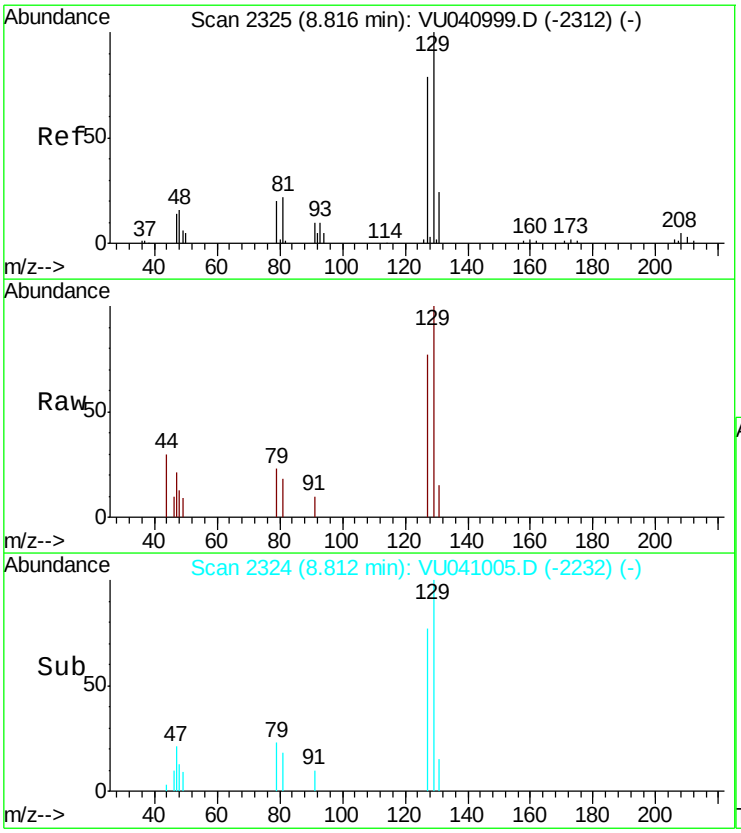
#48
2-Hexanone
Concen: 3.157 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion: 43 Resp: 17121

Ion	Ratio	Lower	Upper
43	100		
58	44.4	39.9	59.9
57	16.9	14.1	21.1
100	8.0	7.5	11.3

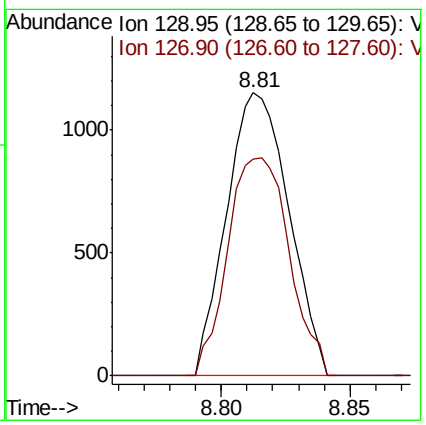


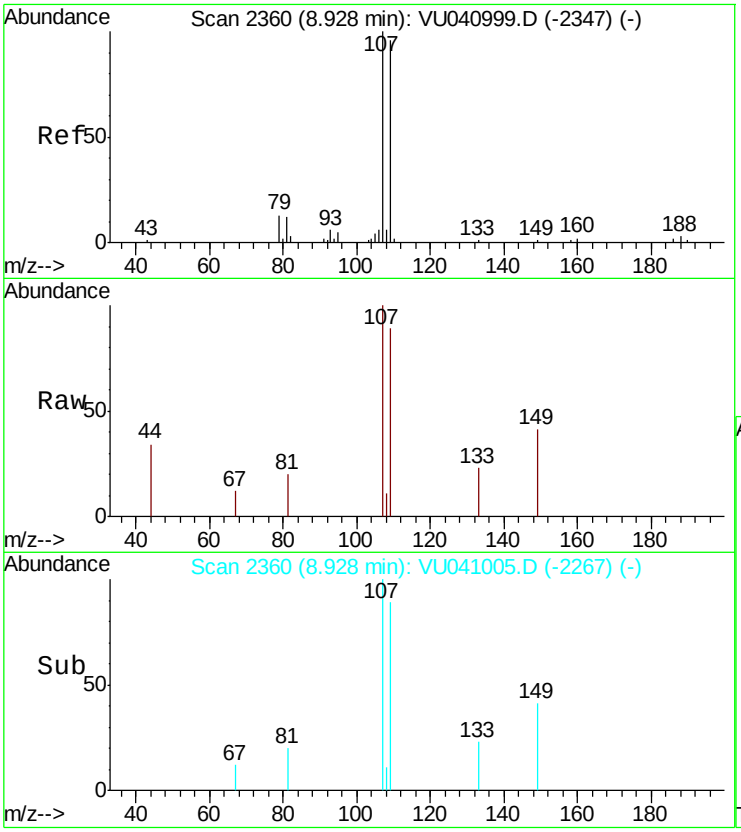


#49
Dibromochloromethane
Concen: 0.245 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:129 Resp: 1934

Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.3	102.7



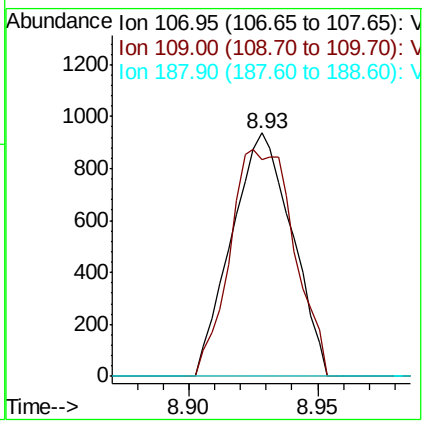


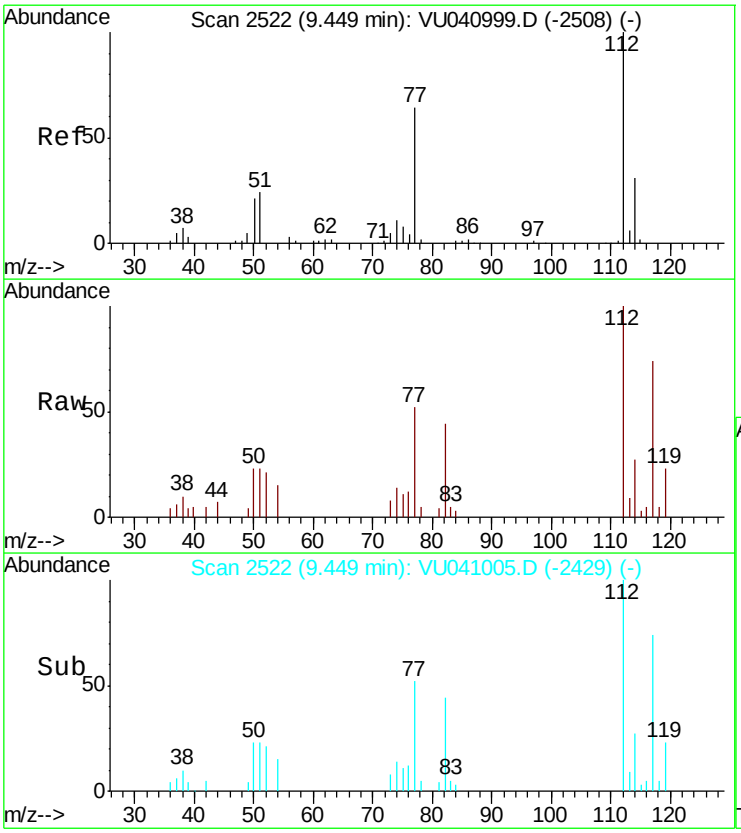
#50
1,2-Dibromoethane
Concen: 0.239 ug/L
RT: 8.93 min Scan# 2360
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:107 Resp: 1527

Ion	Ratio	Lower	Upper
107	100		
109	88.8	67.1	124.5
188	0.0	2.3	3.5#

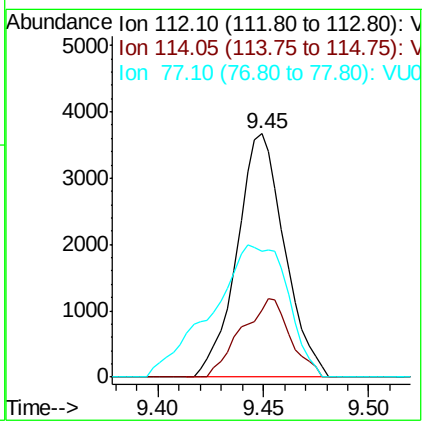


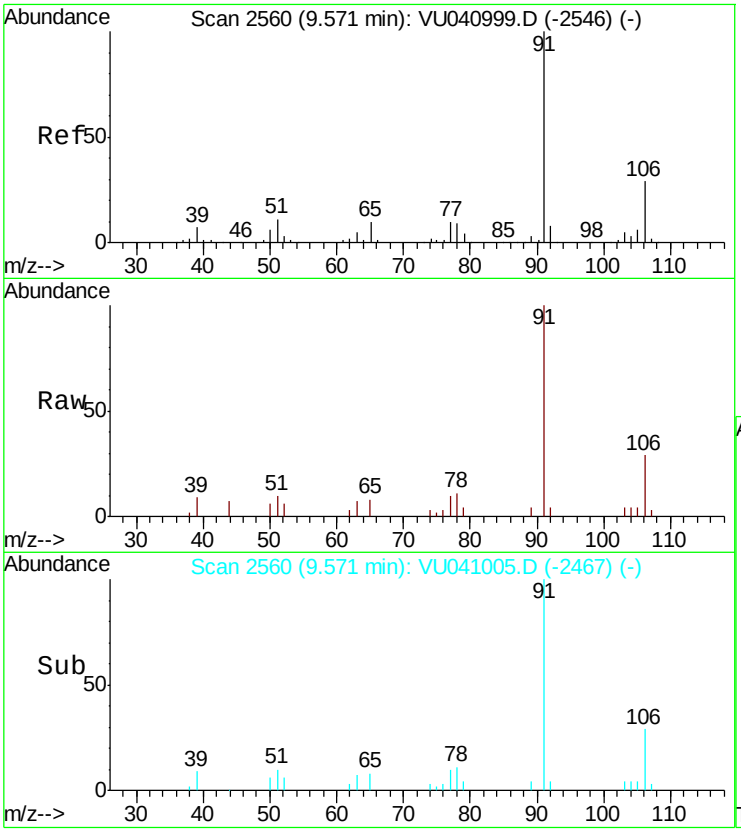


#51
Chlorobenzene
Concen: 0.262 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:112 Resp: 5740

Ion	Ratio	Lower	Upper
112	100		
114	27.4	21.9	40.7
77	51.8	51.4	77.2



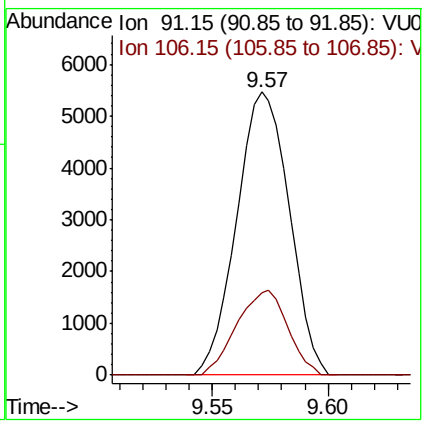


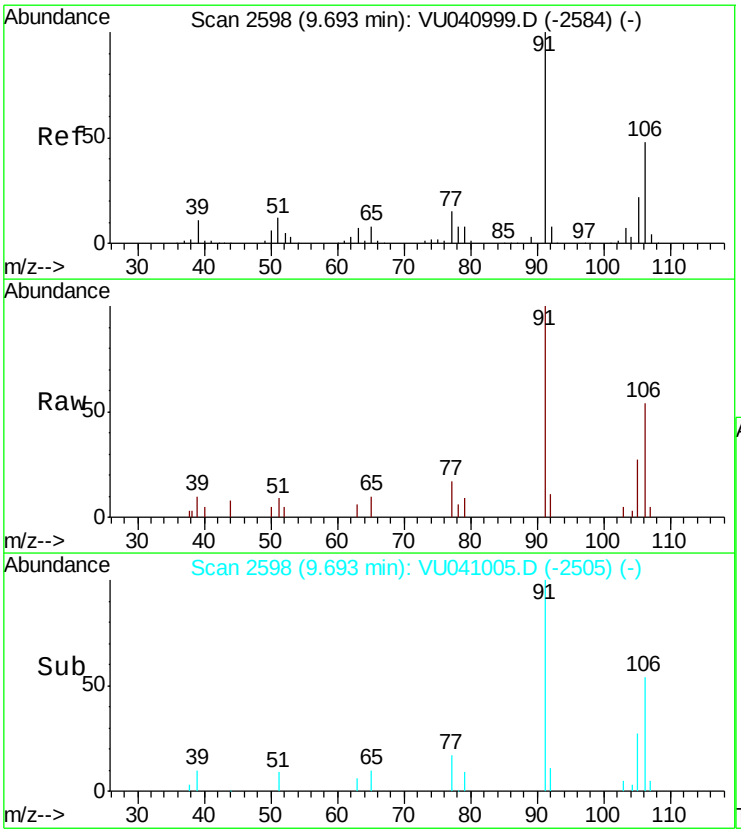
#52
Ethylbenzene
Concen: 0.244 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion: 91 Resp: 8619

Ion	Ratio	Lower	Upper
91	100		
106	29.0	20.6	38.4

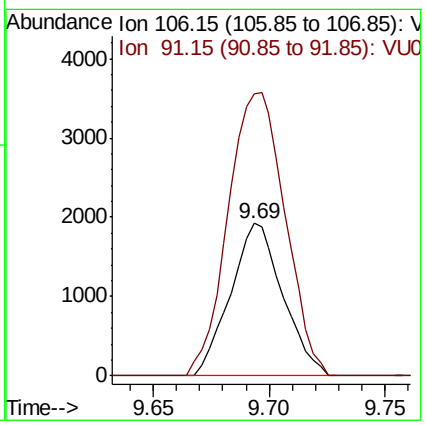


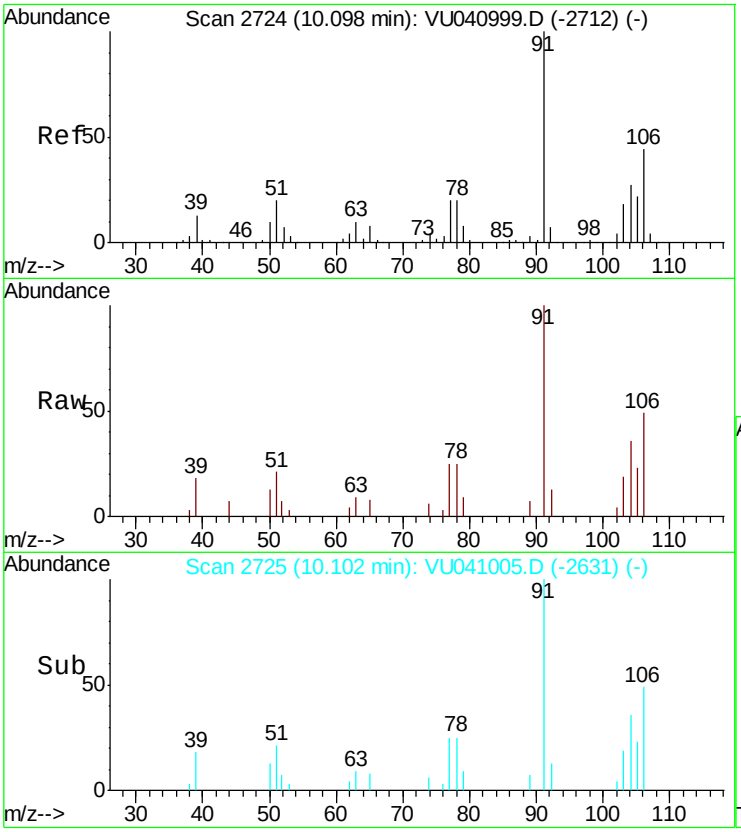


#53
m,p-Xylene
Concen: 0.235 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:106 Resp: 3014

Ion	Ratio	Lower	Upper
106	100		
91	185.4	147.6	274.0



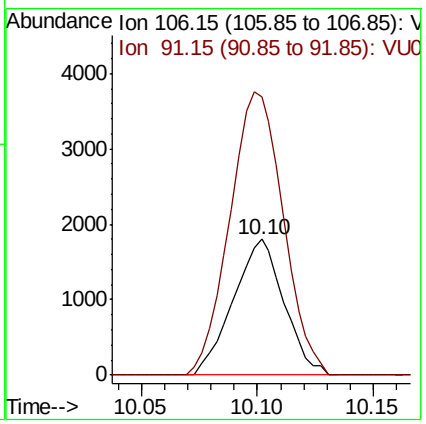


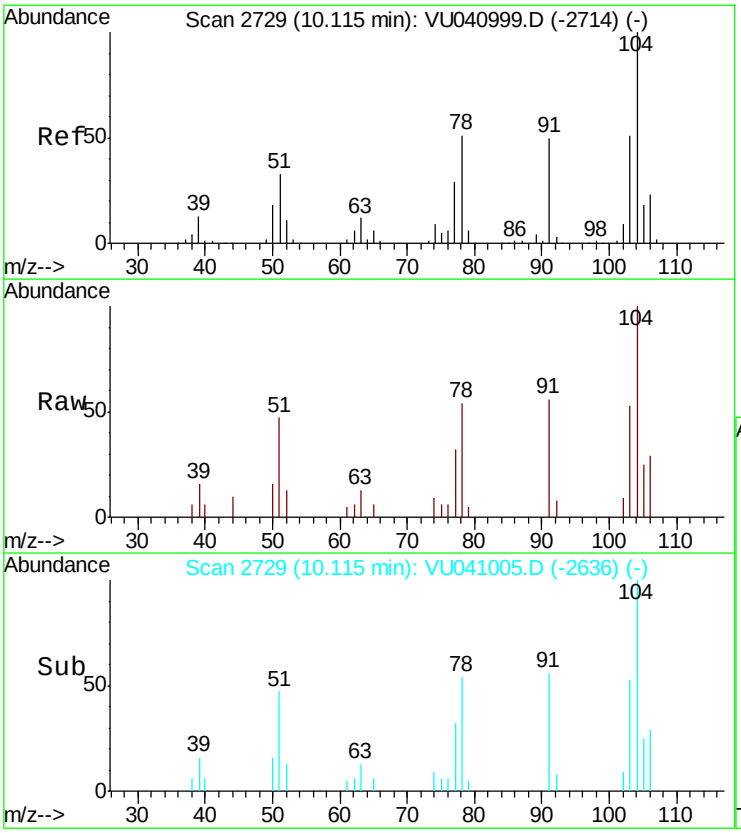
#54
o-Xylene
Concen: 0.223 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:106 Resp: 2735

Ion	Ratio	Lower	Upper
106	100		
91	204.9	158.3	294.1

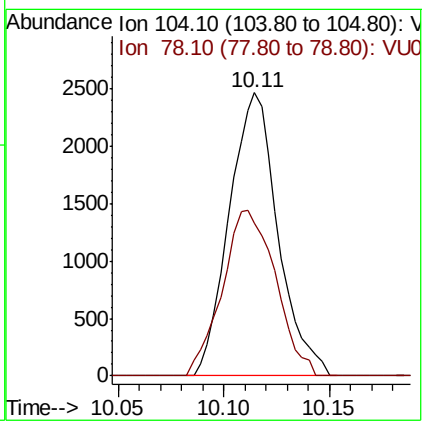


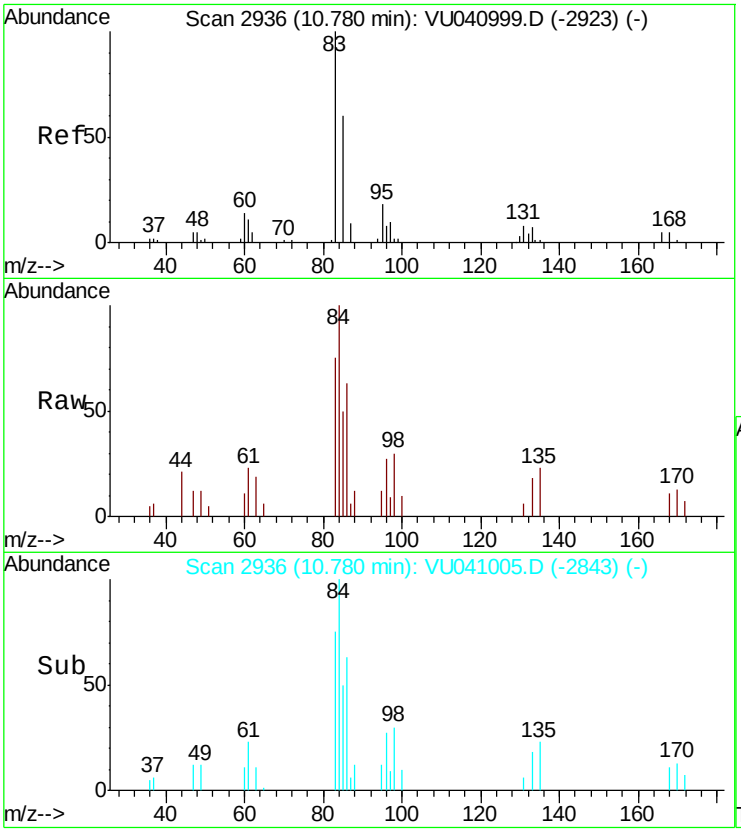


#55
Styrene
Concen: 0.186 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:104 Resp: 3958

Ion	Ratio	Lower	Upper
104	100		
78	53.8	35.6	66.2



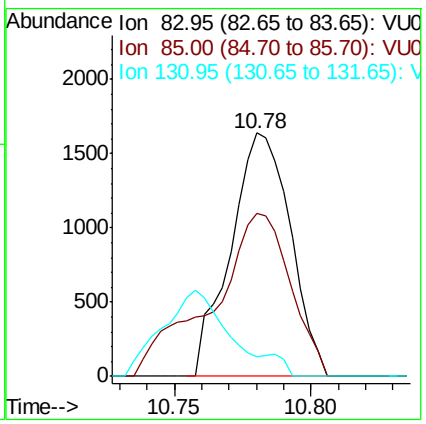


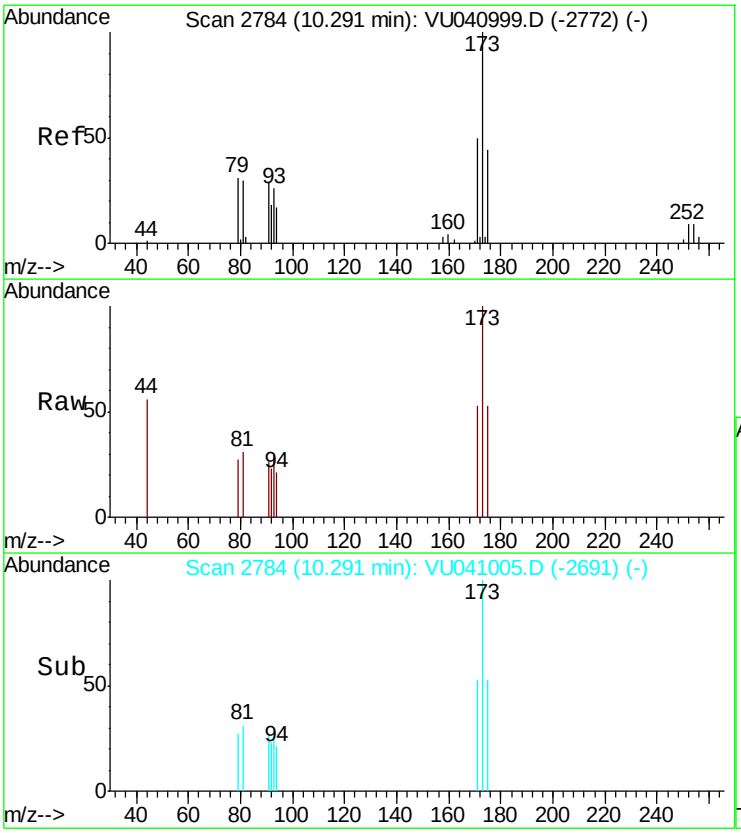
#57
1,1,2,2-Tetrachloroethane
Concen: 0.282 ug/L
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion: 83 Resp: 2488

Ion	Ratio	Lower	Upper
83	100		
85	67.0	42.1	78.3
131	8.0	6.7	10.1

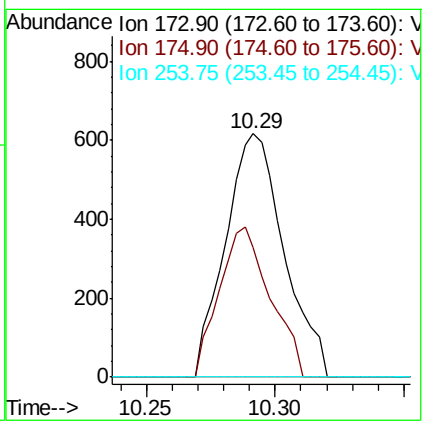


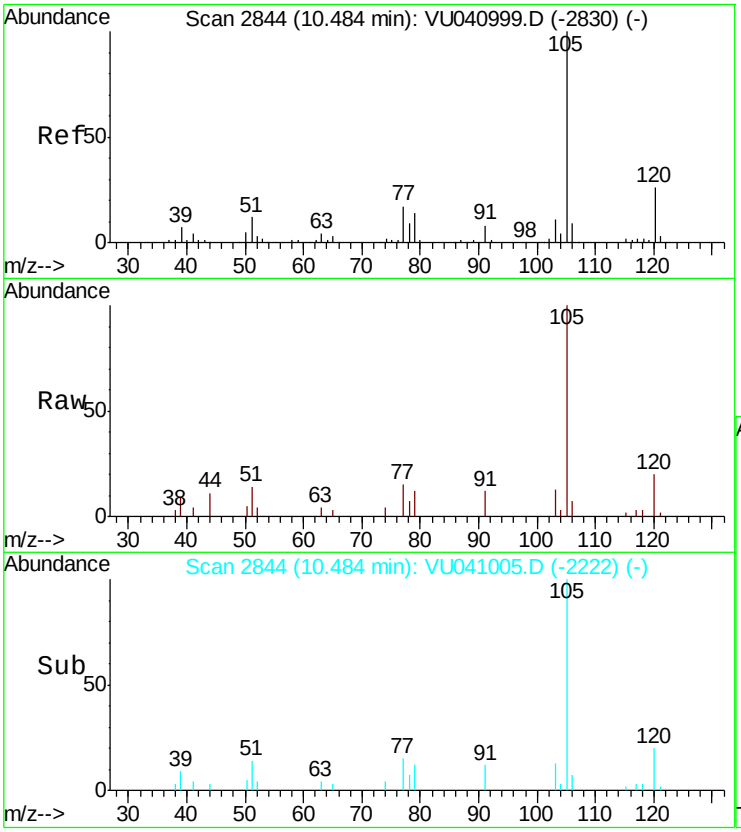


#59
Bromoform
Concen: 0.250 ug/L
RT: 10.29 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:173 Resp: 976

Ion	Ratio	Lower	Upper
173	100		
175	53.4	36.7	55.1
254	0.0	6.5	9.7#



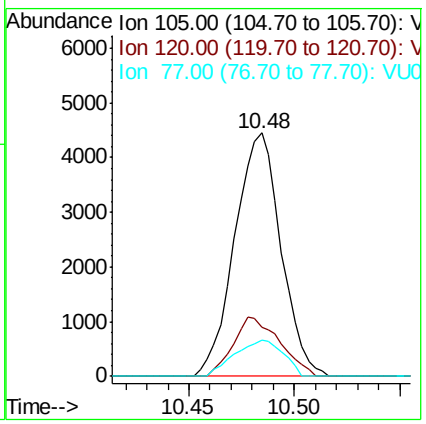


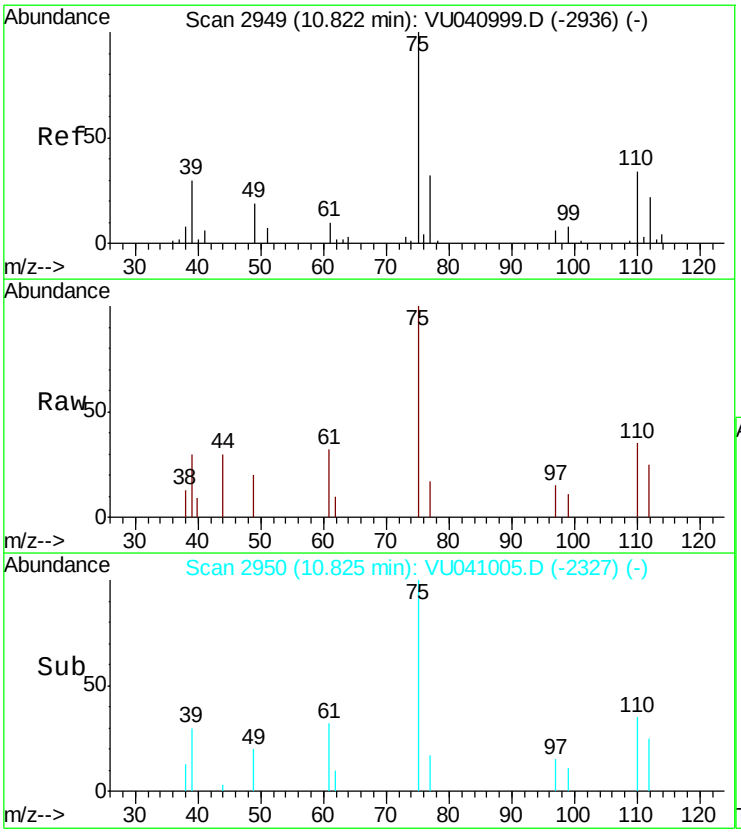
#60
Isopropylbenzene
Concen: 0.233 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:105 Resp: 6773

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.2	30.4
77	15.6	14.4	21.6

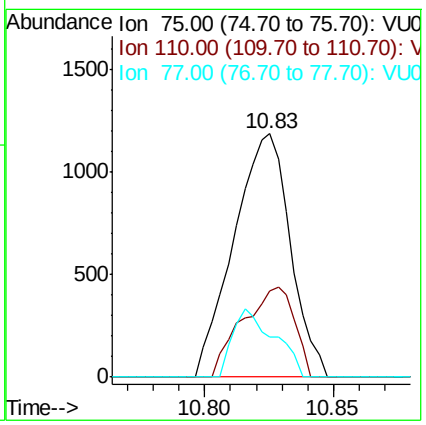


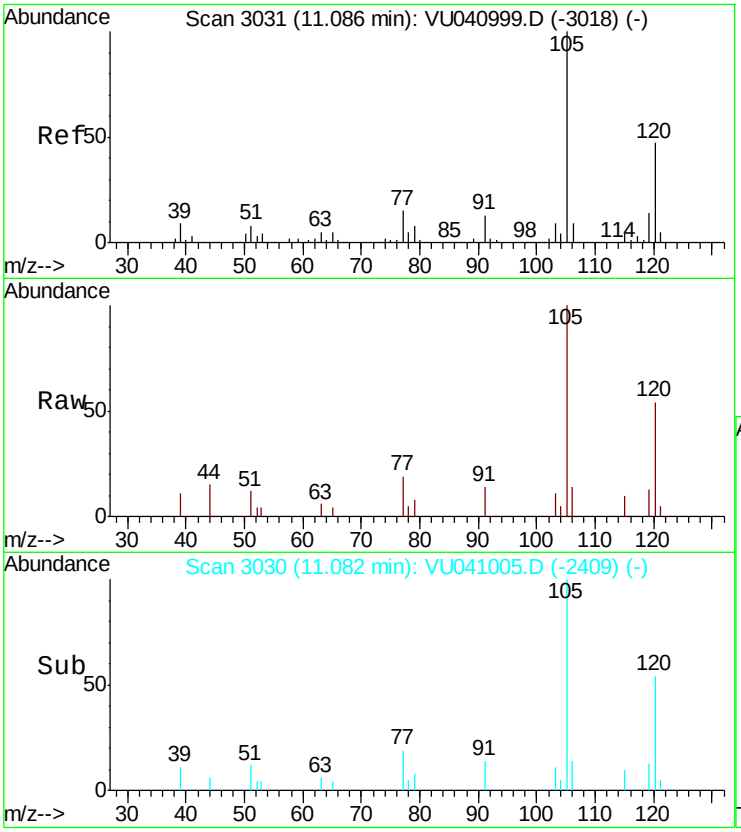


#61
1,2,3-Trichloropropane
Concen: 0.299 ug/L
RT: 10.83 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 75 Resp: 1806

Ion	Ratio	Lower	Upper
75	100		
110	34.1	27.5	41.3
77	20.6	24.9	37.3#



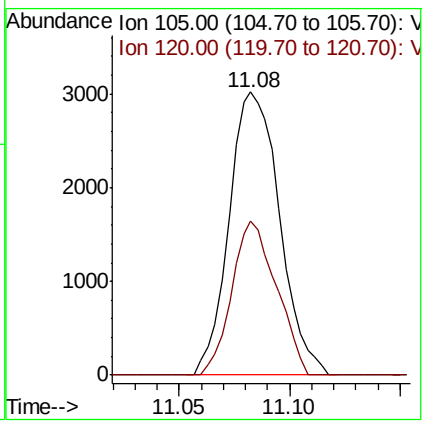


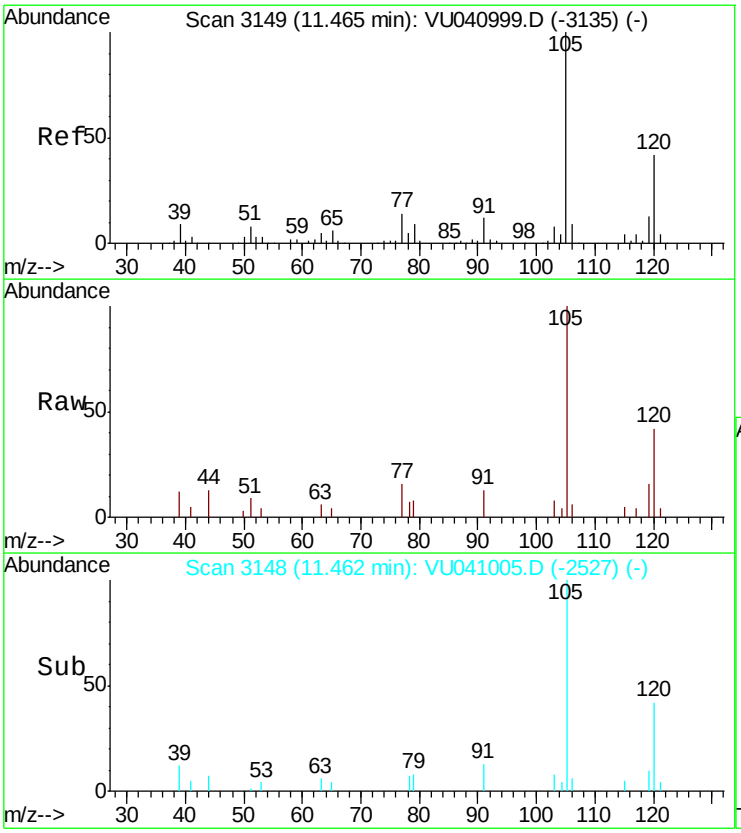
#62
1,3,5-Trimethylbenzene
Concen: 0.205 ug/L
RT: 11.08 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:105 Resp: 4787

Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.0	57.0

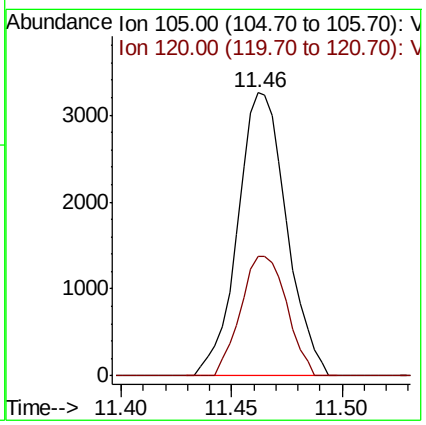


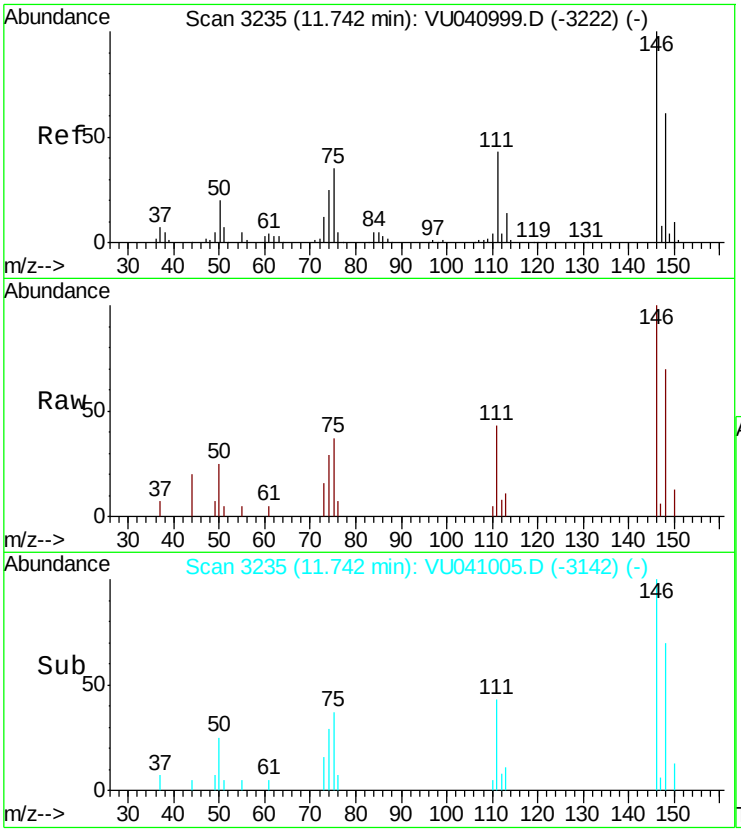


#63
1,2,4-Trimethylbenzene
Concen: 0.212 ug/L
RT: 11.46 min Scan# 3148
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:105 Resp: 5019

Ion	Ratio	Lower	Upper
105	100		
120	39.8	34.6	52.0



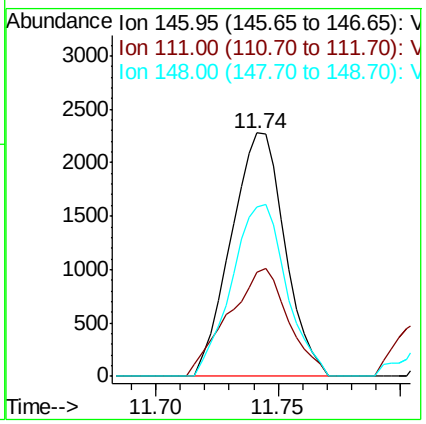


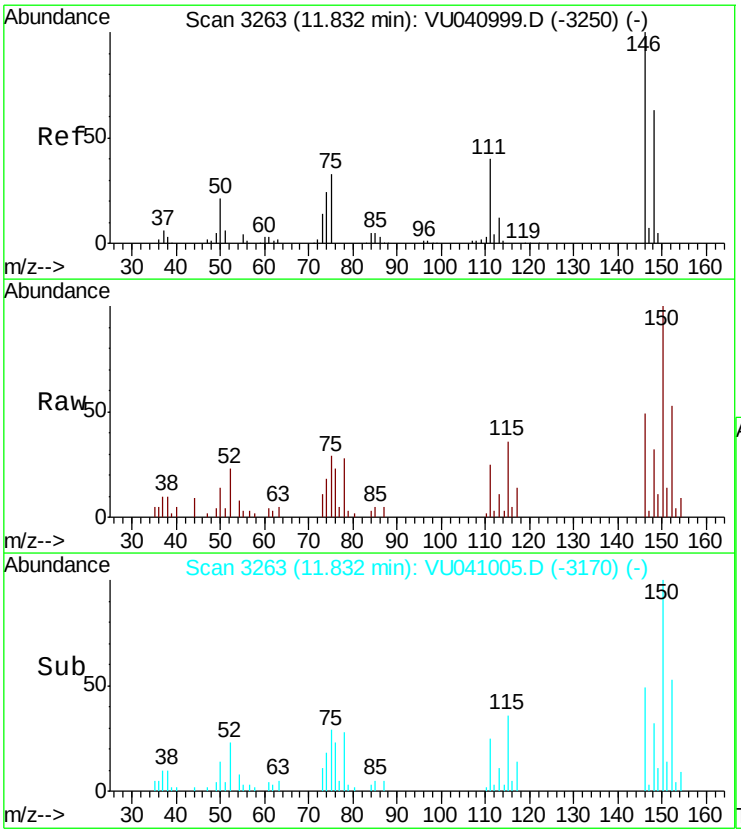
#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion:146 Resp: 3482

Ion	Ratio	Lower	Upper
146	100		
111	42.9	30.2	56.0
148	69.7	42.9	79.7

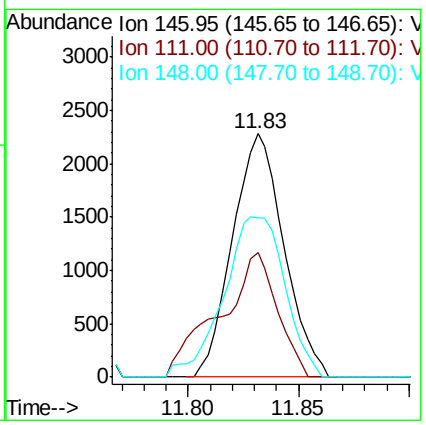


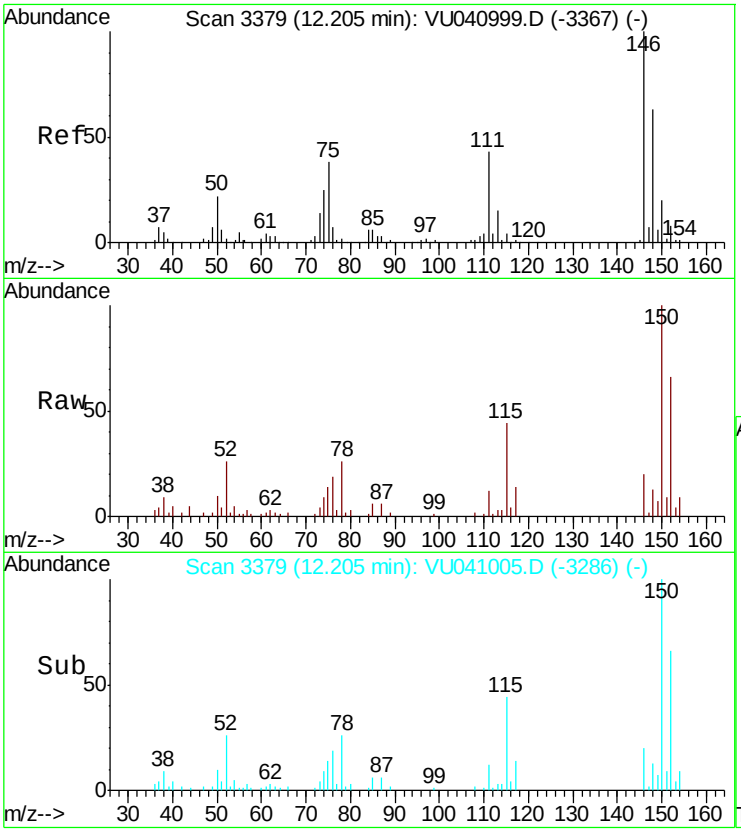


#65
1,4-Dichlorobenzene
Concen: 0.248 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:146 Resp: 3681

Ion	Ratio	Lower	Upper
146	100		
111	51.4	28.3	52.7
148	65.2	44.1	81.9



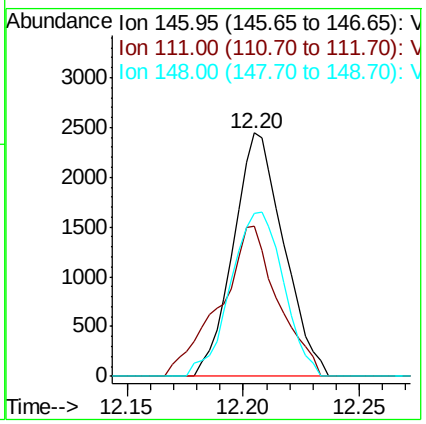


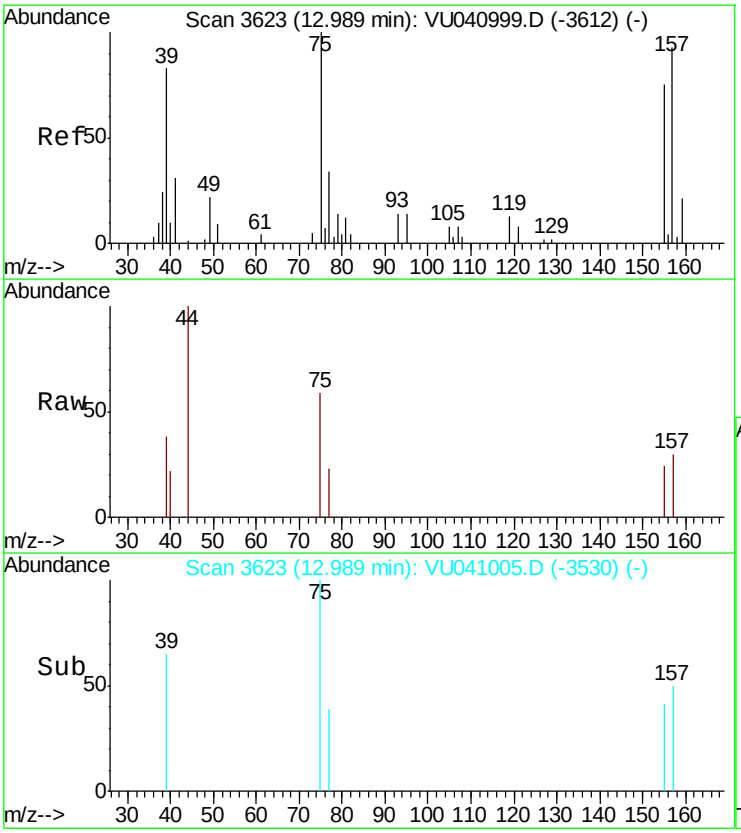
#67
1,2-Dichlorobenzene
Concen: 0.263 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:146 Resp: 3693

Ion	Ratio	Lower	Upper
146	100		
111	61.5	34.7	52.1#
148	66.8	50.7	76.1

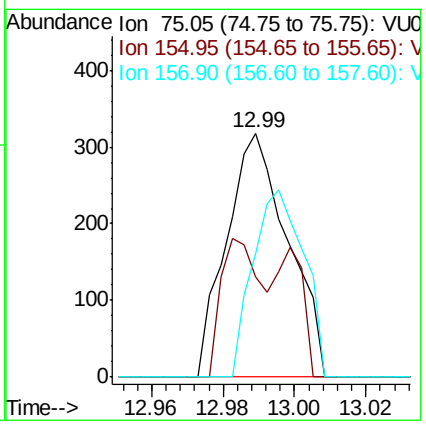


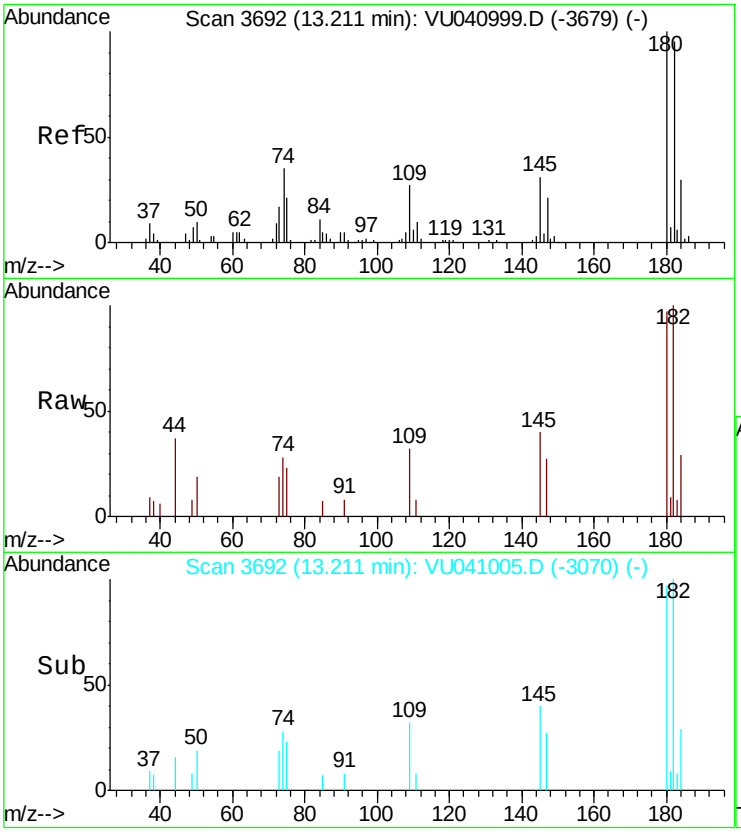


#68
1,2-Dibromo-3-chloropropane
Concen: 0.271 ug/L
RT: 12.99 min Scan# 3623
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion: 75 Resp: 378

Ion	Ratio	Lower	Upper
75	100		
155	41.2	60.2	90.2#
157	50.3	74.4	111.6#



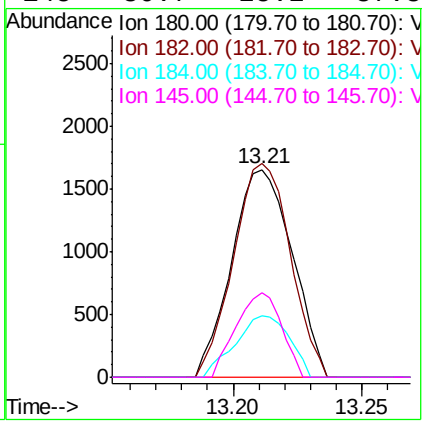


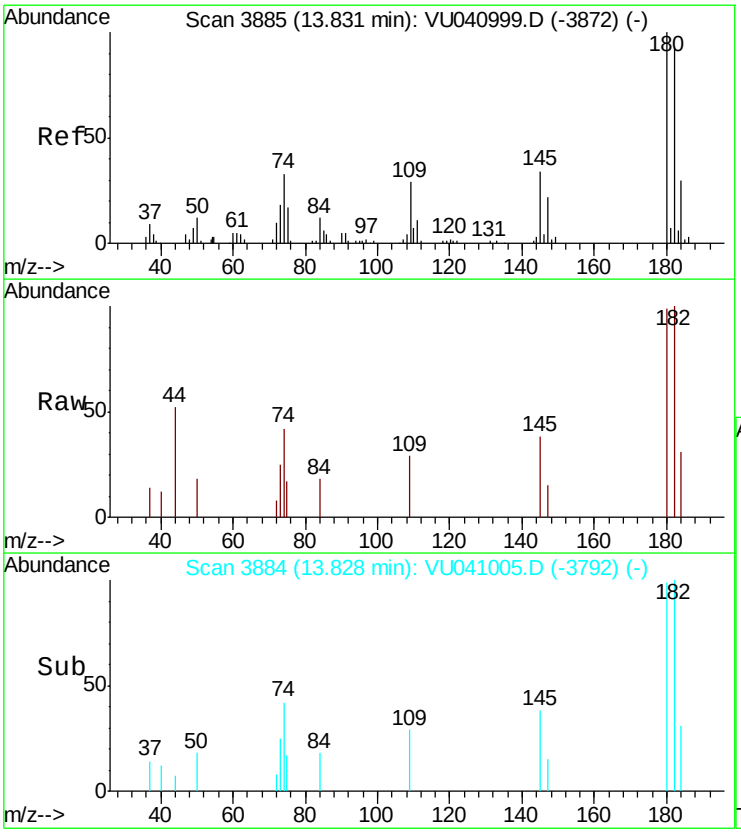
#69
1,3,5-Trichlorobenzene
Concen: 0.271 ug/L
RT: 13.21 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-04

Tgt Ion:180 Resp: 2697

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.9	115.3
184	26.5	23.8	35.8
145	30.7	25.2	37.8

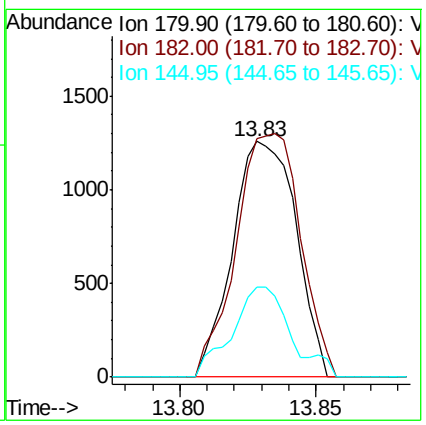


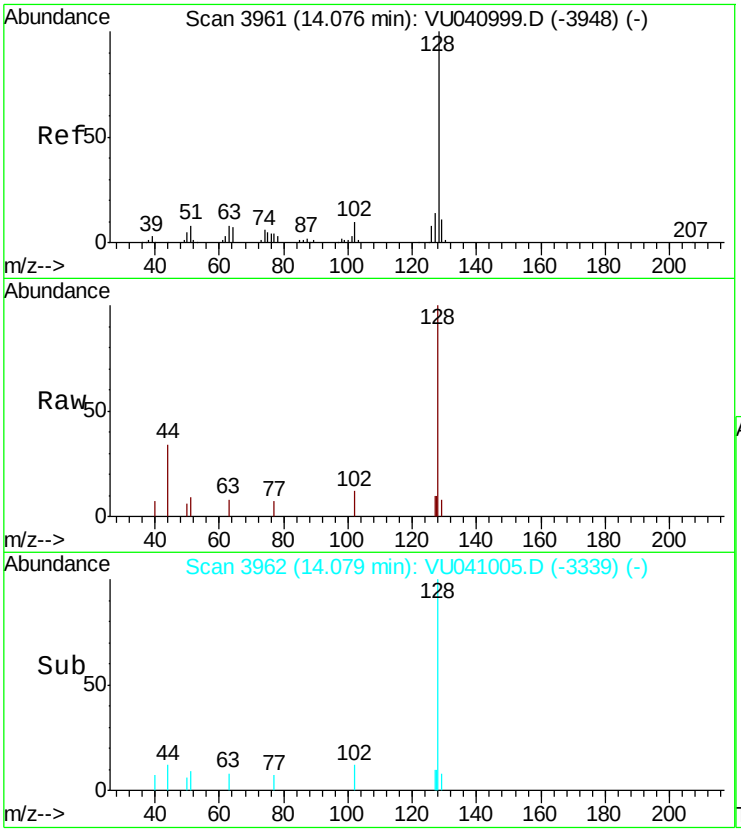


#70
1,2,4-trichlorobenzene
Concen: 0.242 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:180 Resp: 2031

Ion	Ratio	Lower	Upper
180	100		
182	104.8	74.5	111.7
145	35.1	26.6	39.8



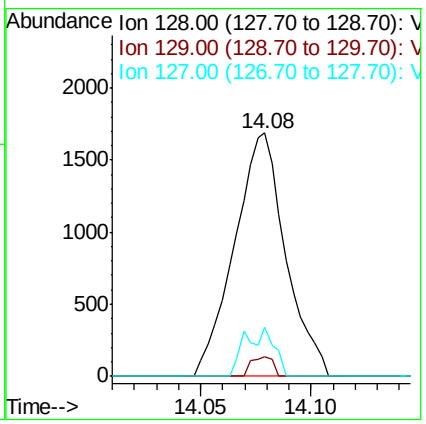


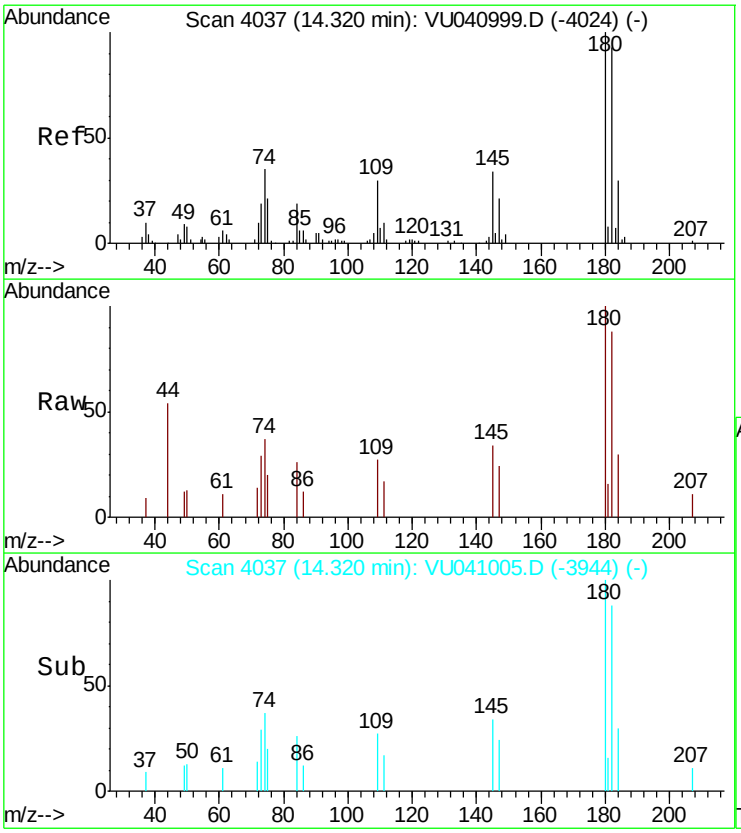
#71
Naphthalene
Concen: 0.185 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-04

Tgt Ion:128 Resp: 2715

Ion	Ratio	Lower	Upper
128	100		
129	3.5	8.8	13.2#
127	5.2	11.2	16.8#





#72
1,2,3-Trichlorobenzene
Concen: 0.228 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU041005.D
Acq: 28 Oct 2020 20:25

Tgt Ion:180 Resp: 1789

Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.7	115.1
145	33.1	27.4	41.0